

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017525.D
 Acq On : 28 Feb 2024 17:04
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 28 23:15:47 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	139595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59367	44.874	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.740%		
35) Dibromofluoromethane	7.716	113	70507	47.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.260%		
50) Toluene-d8	10.185	98	265040	51.211	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.420%		
62) 4-Bromofluorobenzene	12.483	95	82546	50.750	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41638	40.436	ug/l	96
3) Chloromethane	2.101	50	76186	40.493	ug/l	95
4) Vinyl Chloride	2.241	62	99335	41.154	ug/l	100
5) Bromomethane	2.644	94	84521	42.970	ug/l	96
6) Chloroethane	2.784	64	63700	41.834	ug/l	96
7) Trichlorofluoromethane	3.107	101	126239	51.316	ug/l	96
8) Diethyl Ether	3.521	74	34766	48.184	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	64663	45.698	ug/l	98
10) Methyl Iodide	4.082	142	72476	45.640	ug/l	99
11) Tert butyl alcohol	5.003	59	12495	111.186	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	61087	46.324	ug/l	95
13) Acrolein	3.729	56	30801	207.721	ug/l	98
14) Allyl chloride	4.473	41	70551	44.278	ug/l	96
15) Acrylonitrile	5.168	53	59012	198.958	ug/l	99
16) Acetone	3.966	43	47101	183.554	ug/l	97
17) Carbon Disulfide	4.186	76	175186	44.259	ug/l	98
18) Methyl Acetate	4.479	43	26318	42.275	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	138011	44.902	ug/l	97
20) Methylene Chloride	4.710	84	71574	47.164	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	70236	45.489	ug/l	96
22) Diisopropyl ether	6.119	45	175345	47.689	ug/l	92
23) Vinyl Acetate	6.058	43	497412	227.024	ug/l	99
24) 1,1-Dichloroethane	6.015	63	115032	45.793	ug/l	99
25) 2-Butanone	6.990	43	66036	180.577	ug/l	93
26) 2,2-Dichloropropane	6.978	77	94423	44.708	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	80852	46.638	ug/l	96
28) Bromochloromethane	7.332	49	59392	60.034	ug/l	92
29) Tetrahydrofuran	7.356	42	44265	200.799	ug/l	99
30) Chloroform	7.502	83	126226	47.198	ug/l	98
31) Cyclohexane	7.783	56	93363	43.364	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	107755	46.408	ug/l	99
36) 1,1-Dichloropropene	7.917	75	94770	47.452	ug/l	100
37) Ethyl Acetate	7.082	43	40884	51.830	ug/l	96
38) Carbon Tetrachloride	7.899	117	96169	48.046	ug/l	97
39) Methylcyclohexane	9.185	83	110220	45.922	ug/l	97
40) Benzene	8.161	78	285715	48.173	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18207	45.997	ug/l #	93
42) 1,2-Dichloroethane	8.234	62	68415	47.278	ug/l	98
43) Isopropyl Acetate	8.277	43	61642	44.470	ug/l	99
44) Trichloroethene	8.941	130	80961	47.359	ug/l	98
45) 1,2-Dichloropropane	9.216	63	68057	48.230	ug/l	99
46) Dibromomethane	9.307	93	39160	48.491	ug/l	96
47) Bromodichloromethane	9.496	83	95946	48.931	ug/l	98
48) Methyl methacrylate	9.295	41	27654	43.101	ug/l	91
49) 1,4-Dioxane	9.331	88	6747	738.236	ug/l #	68
51) 4-Methyl-2-Pentanone	10.075	43	173020	223.964	ug/l	98
52) Toluene	10.246	92	180334	48.231	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	87401	48.023	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	105453	47.685	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	55003	47.971	ug/l	95
56) Ethyl methacrylate	10.514	69	62559	44.637	ug/l	97
57) 1,3-Dichloropropane	10.795	76	89330	47.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	195109	294.886	ug/l	98
59) 2-Hexanone	10.837	43	120952	227.937	ug/l	98
60) Dibromochloromethane	10.990	129	67619	49.851	ug/l	99
61) 1,2-Dibromoethane	11.093	107	51092	48.354	ug/l	100
64) Tetrachloroethene	10.721	164	82993	45.583	ug/l	98
65) Chlorobenzene	11.520	112	194263	48.248	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	73740	48.886	ug/l	99
67) Ethyl Benzene	11.593	91	342185	48.460	ug/l	98
68) m/p-Xylenes	11.703	106	273061	98.413	ug/l	98
69) o-Xylene	12.032	106	127636	49.584	ug/l	97
70) Styrene	12.044	104	212097	49.639	ug/l	99
71) Bromoform	12.209	173	41409	49.539	ug/l #	98
73) Isopropylbenzene	12.331	105	329592	46.958	ug/l	100
74) N-amyl acetate	12.148	43	55924	45.176	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	58774	48.764	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	38400m	42.779	ug/l	
77) Bromobenzene	12.611	156	78959	46.453	ug/l	95
78) n-propylbenzene	12.672	91	395770	46.993	ug/l	98
79) 2-Chlorotoluene	12.758	91	217961	46.225	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	267827	47.629	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	18127	46.401	ug/l	95
82) 4-Chlorotoluene	12.861	91	225586	46.775	ug/l	97
83) tert-Butylbenzene	13.081	119	238560	48.313	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	264768	47.693	ug/l	98
85) sec-Butylbenzene	13.258	105	353088	46.770	ug/l	99
86) p-Isopropyltoluene	13.373	119	293853	47.549	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	160844	47.144	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	155331	46.830	ug/l	100
89) n-Butylbenzene	13.696	91	262739	46.598	ug/l	99
90) Hexachloroethane	13.965	117	58124	46.913	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	138390	47.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7506	44.298	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	76435	50.144	ug/l	100
94) Hexachlorobutadiene	15.117	225	44432	47.212	ug/l	97
95) Naphthalene	15.239	128	132544	45.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	66335	50.728	ug/l	99

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ClientSampleId :
VSTDCCC050EC

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

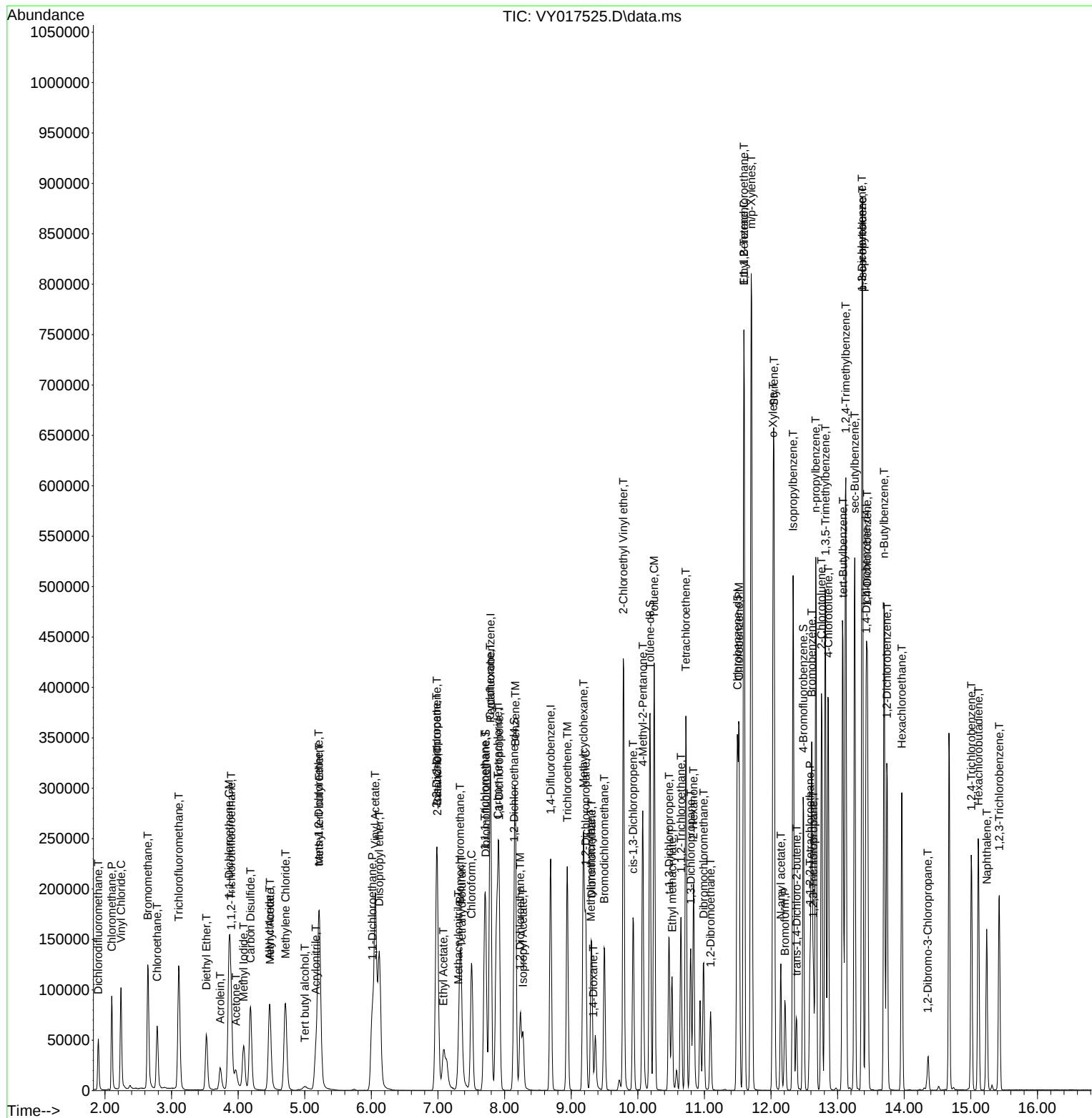
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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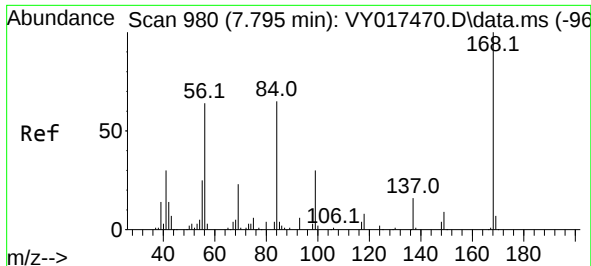
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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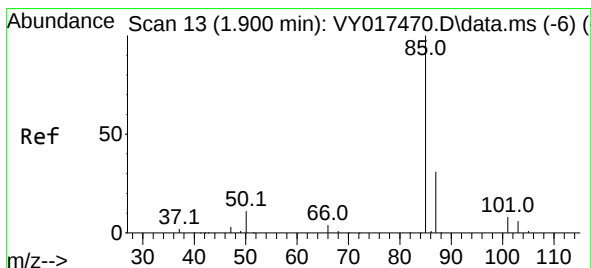
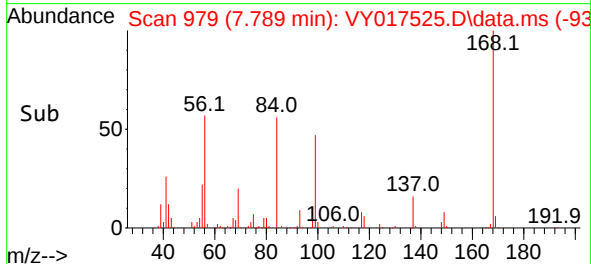
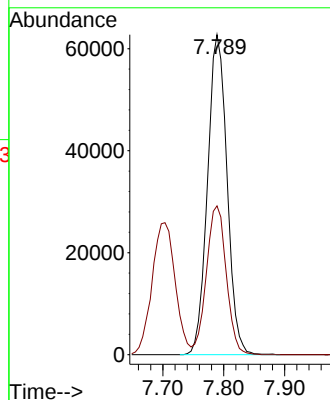
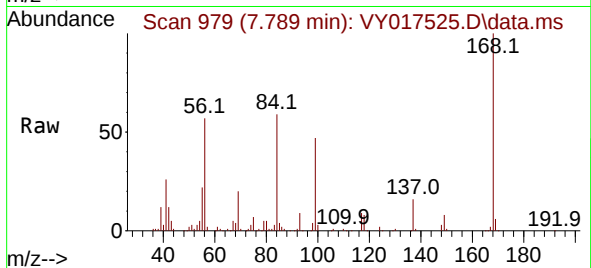




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017525.D
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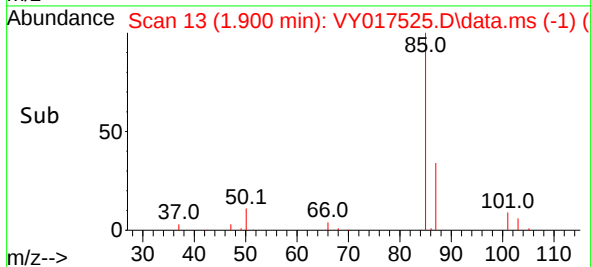
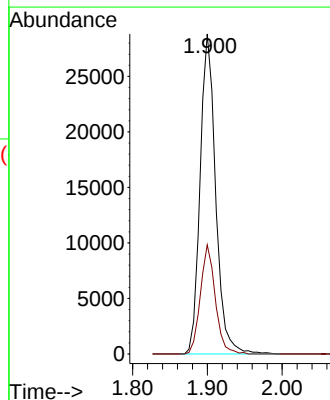
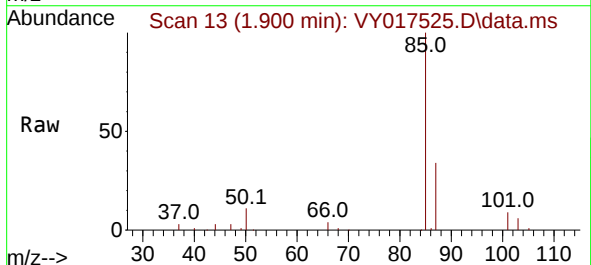
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

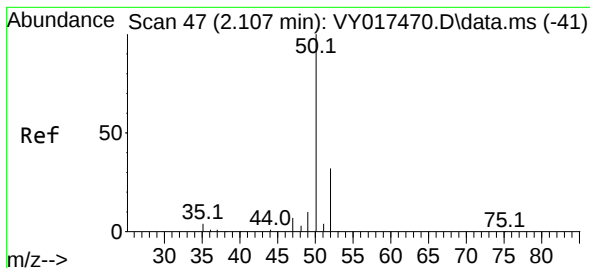
Tgt Ion:168 Resp: 139595
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 40.436 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 85 Resp: 41638
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0





#3

Chloromethane

Concen: 40.493 ug/l

RT: 2.101 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

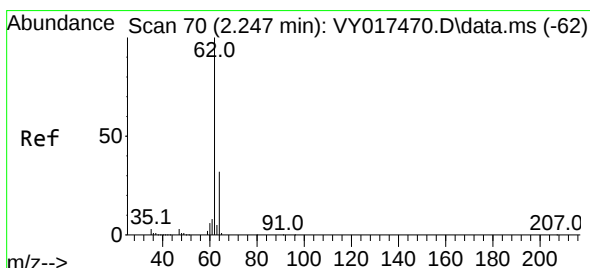
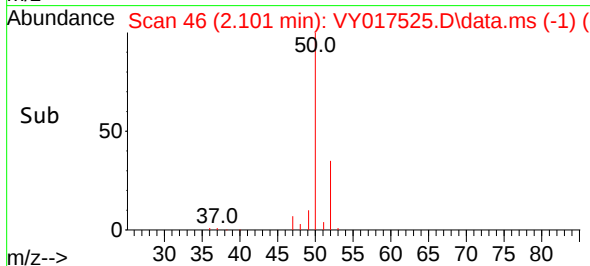
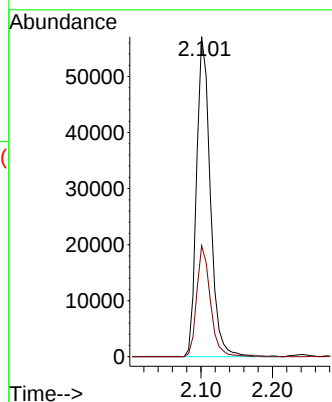
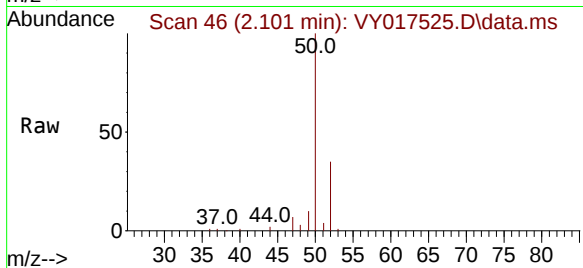
VSTDCCC050EC

Tgt Ion: 50 Resp: 76186

Ion Ratio Lower Upper

50 100

52 34.7 25.6 38.4



#4

Vinyl Chloride

Concen: 41.154 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY017525.D

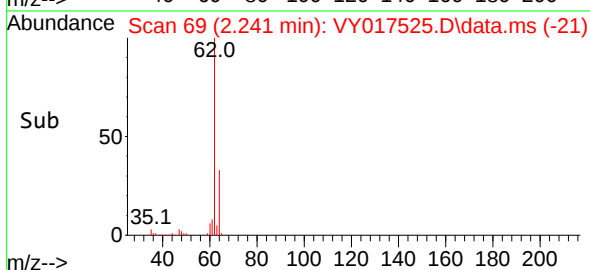
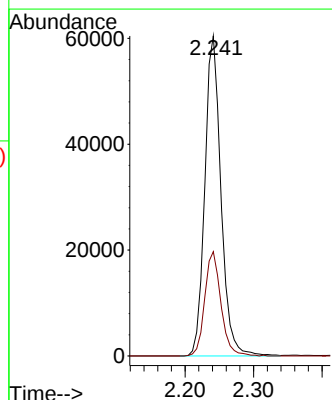
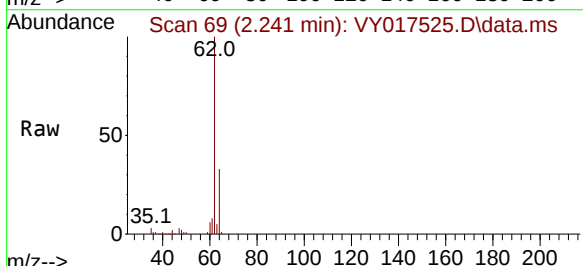
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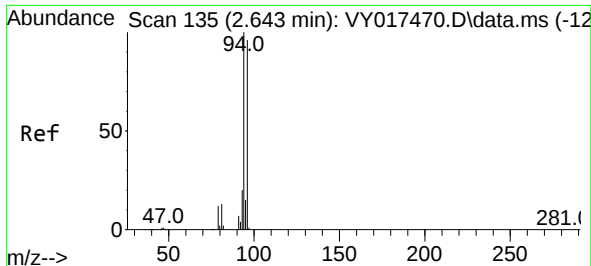
Tgt Ion: 62 Resp: 99335

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1

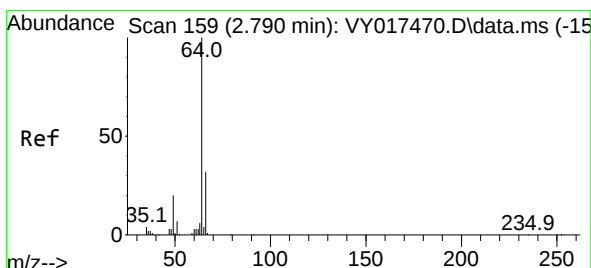
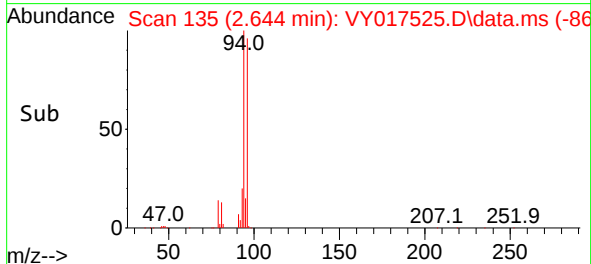
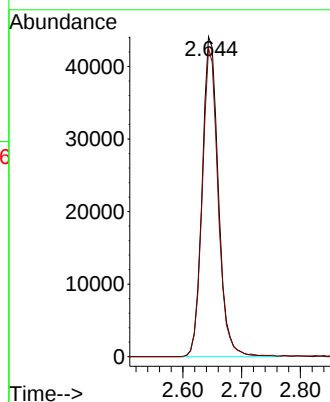
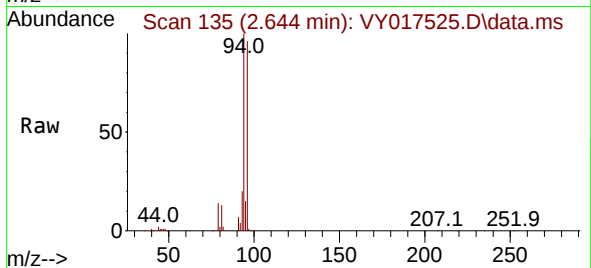




#5
Bromomethane
Concen: 42.970 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017525.D
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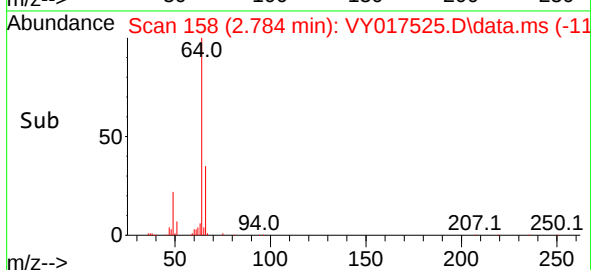
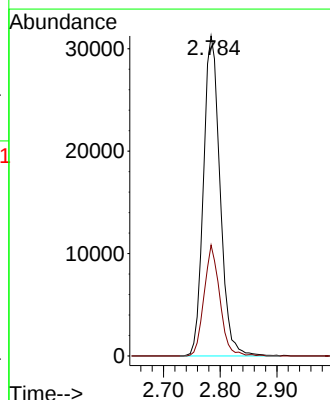
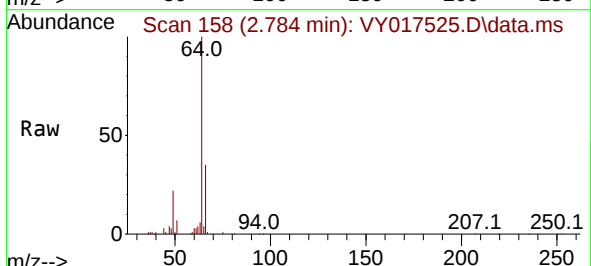
Instrument :
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Tgt Ion: 94 Resp: 84521
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 41.834 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 64 Resp: 63700
Ion Ratio Lower Upper
64 100
66 34.6 26.1 39.1

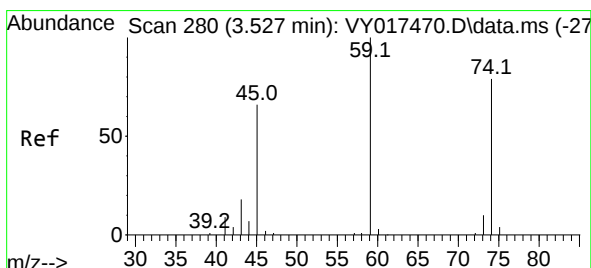
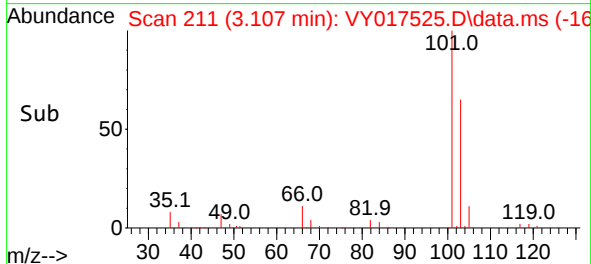
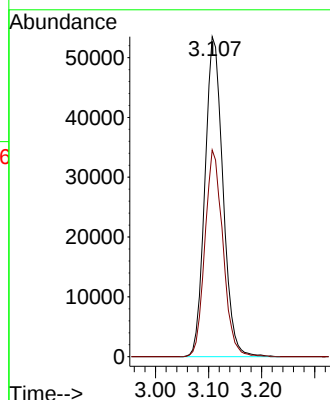
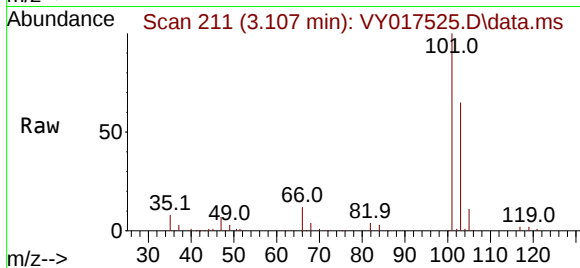




#7
 Trichlorofluoromethane
 Concen: 51.316 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: VY017525.D
 Acq: 28 Feb 2024 17:04

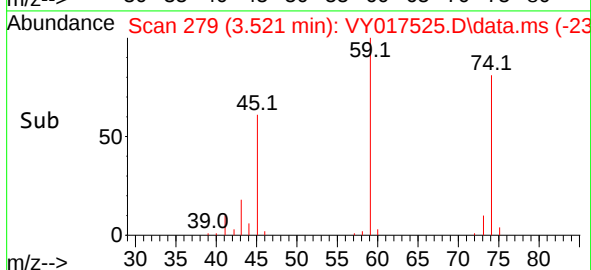
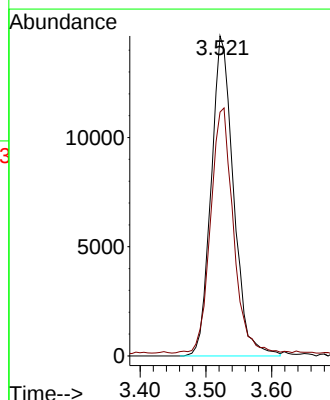
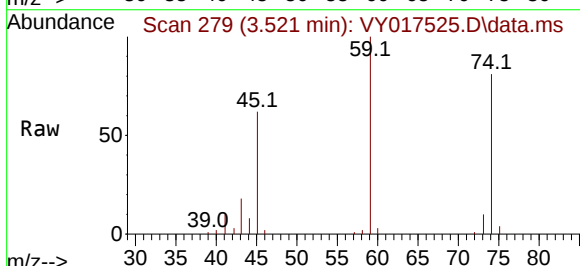
Instrument :
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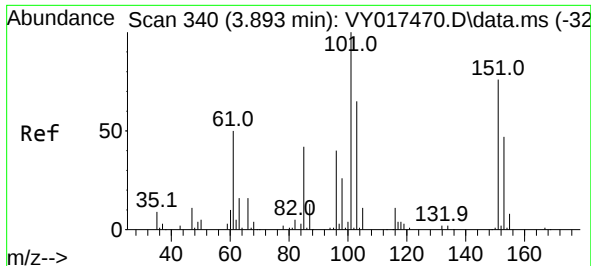
Tgt Ion:101 Resp: 126239
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.184 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017525.D
 Acq: 28 Feb 2024 17:04

Tgt Ion: 74 Resp: 34766
 Ion Ratio Lower Upper
 74 100
 45 77.7 41.3 124.1

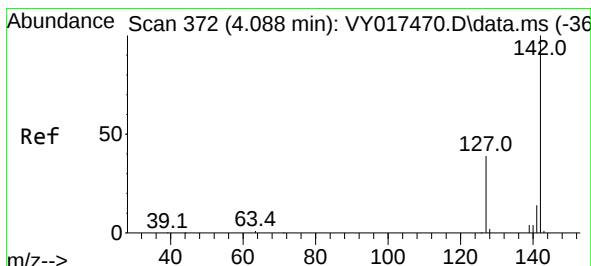
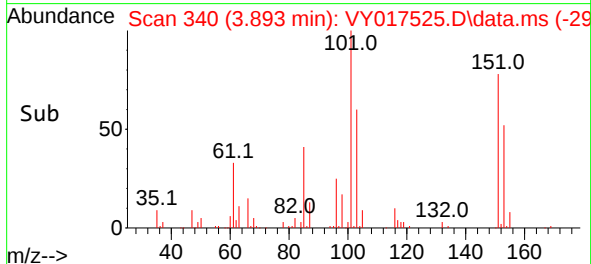
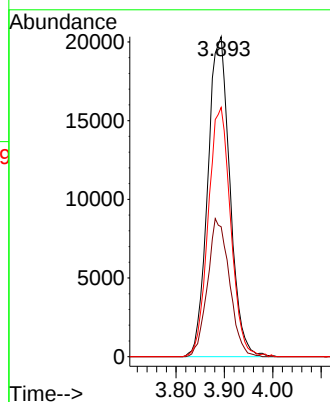
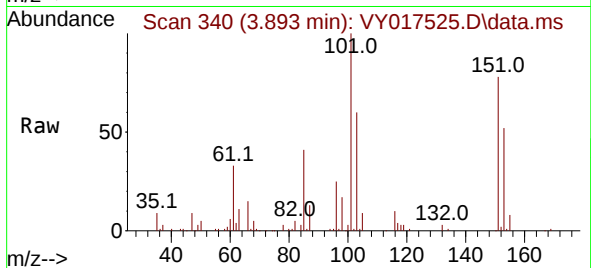




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.698 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

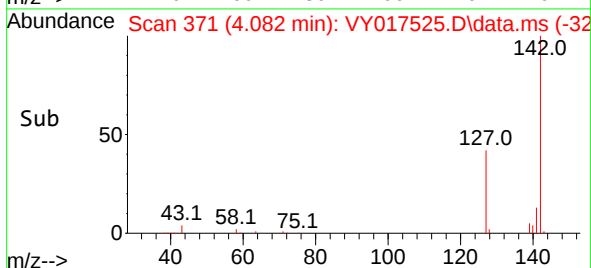
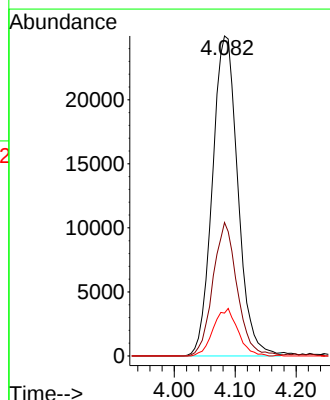
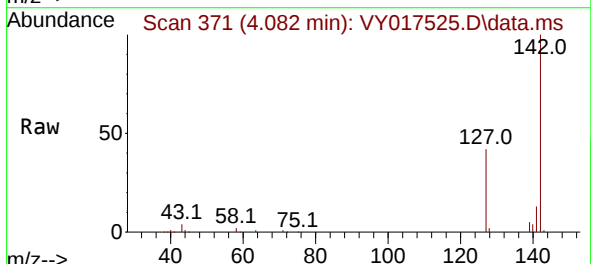
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

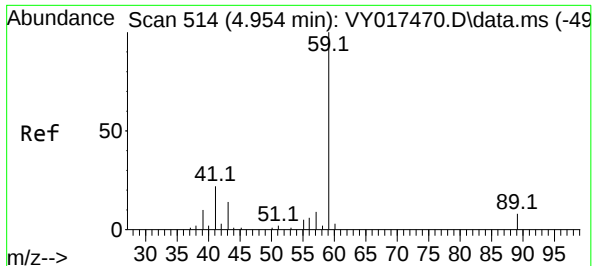
Tgt Ion:101 Resp: 64663
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 79.1 61.7 92.5



#10
Methyl Iodide
Concen: 45.640 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion:142 Resp: 72476
Ion Ratio Lower Upper
142 100
127 39.8 32.8 49.2
141 14.3 11.4 17.2

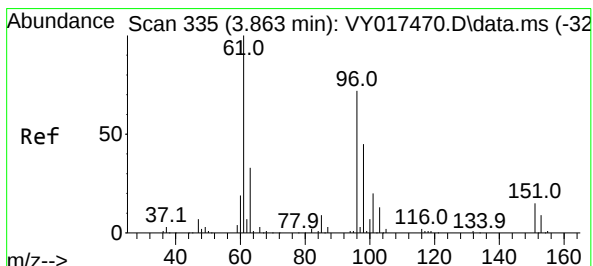
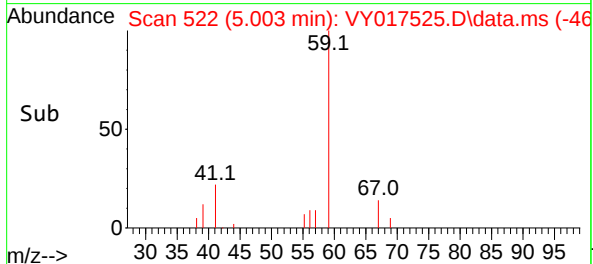
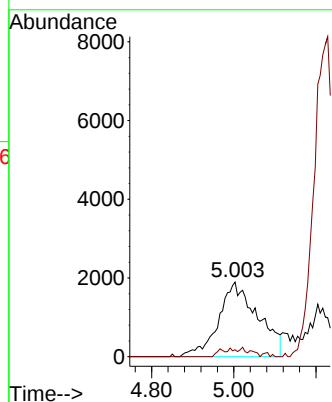
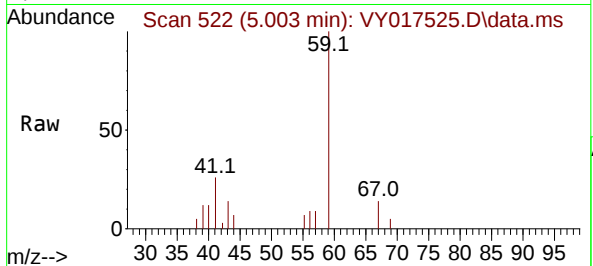




#11
Tert butyl alcohol
Concen: 111.186 ug/l
RT: 5.003 min Scan# 514
Delta R.T. 0.049 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

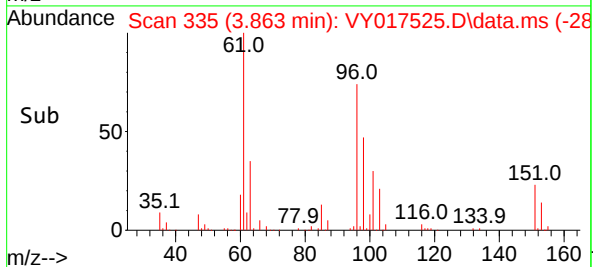
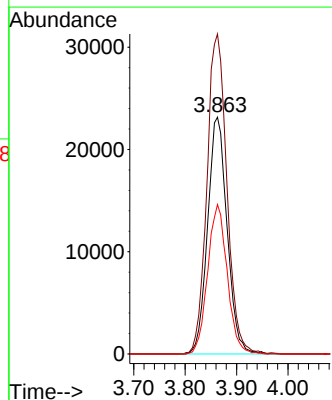
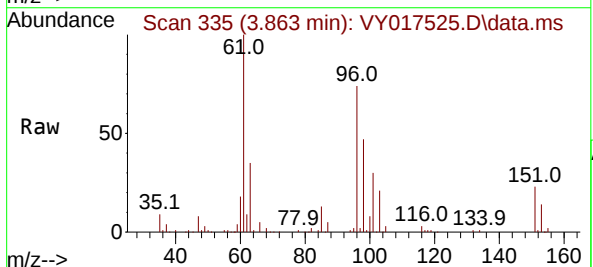
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

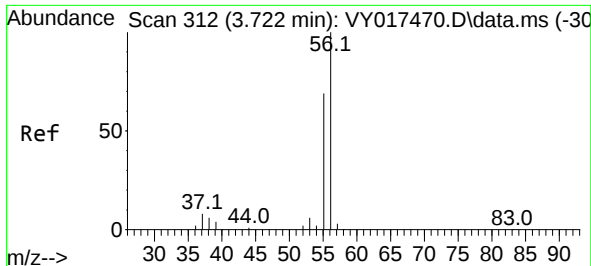
Tgt Ion: 59 Resp: 12495
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.324 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 96 Resp: 61087
Ion Ratio Lower Upper
96 100
61 135.1 114.6 171.8
98 63.1 50.8 76.2





#13

Acrolein

Concen: 207.721 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

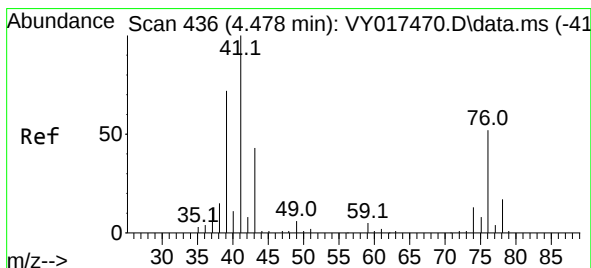
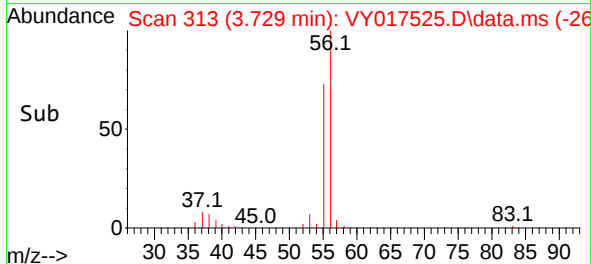
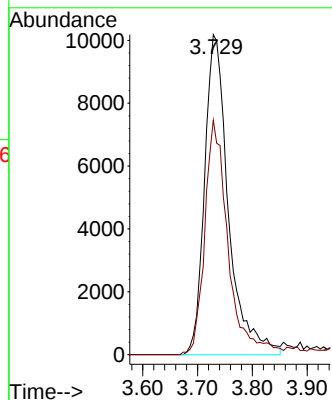
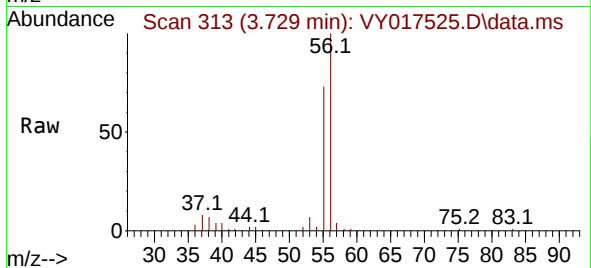
VSTDCCC050EC

Tgt Ion: 56 Resp: 30801

Ion Ratio Lower Upper

56 100

55 71.3 55.7 83.5



#14

Allyl chloride

Concen: 44.278 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

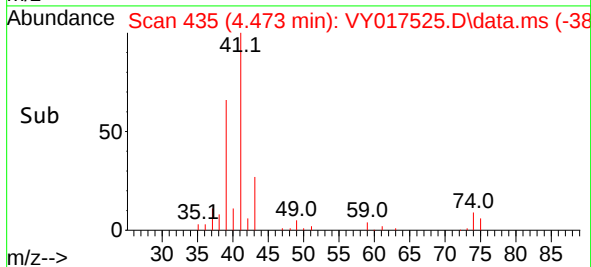
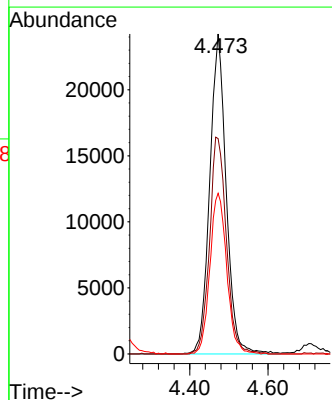
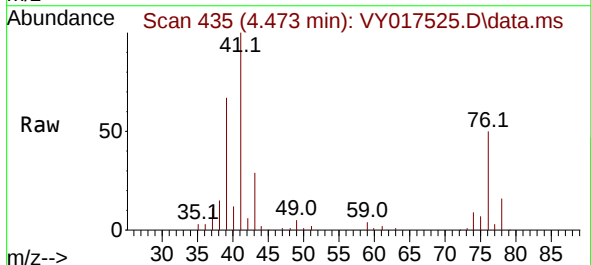
Tgt Ion: 41 Resp: 70551

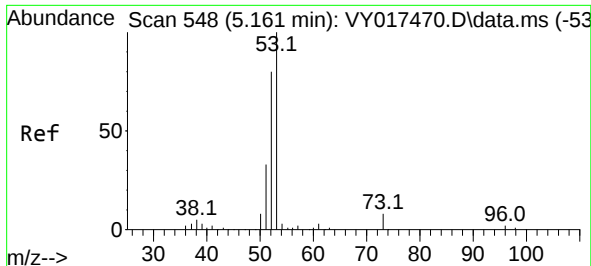
Ion Ratio Lower Upper

41 100

39 69.4 58.3 87.5

76 51.4 39.0 58.6

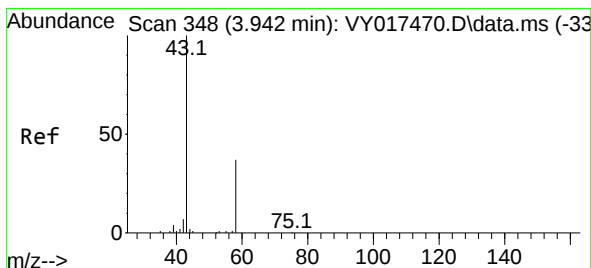
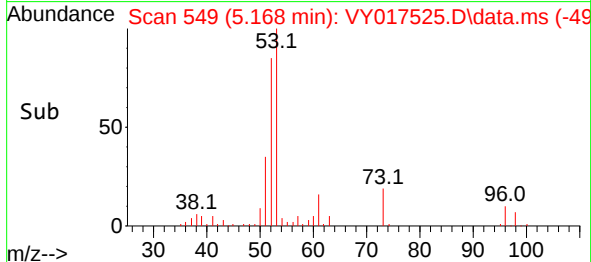
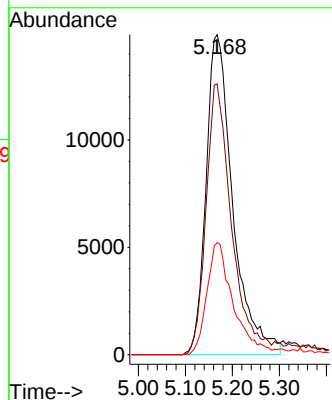
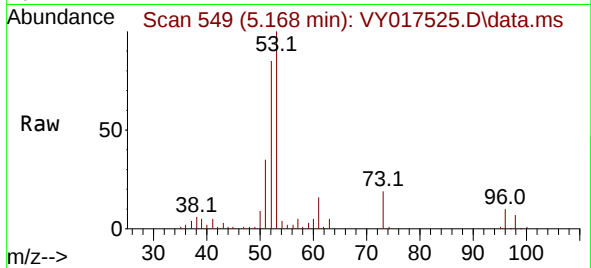




#15
Acrylonitrile
Concen: 198.958 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

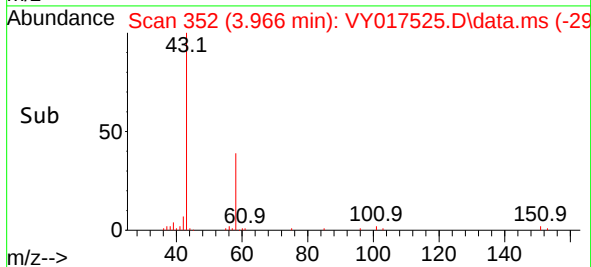
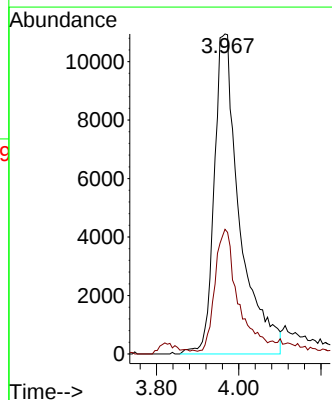
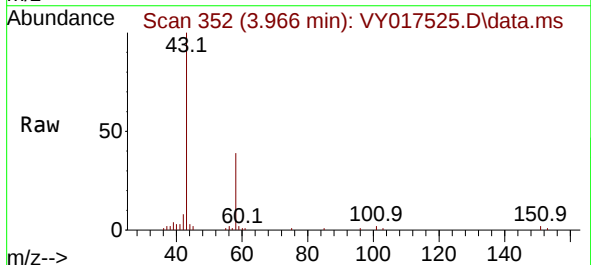
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

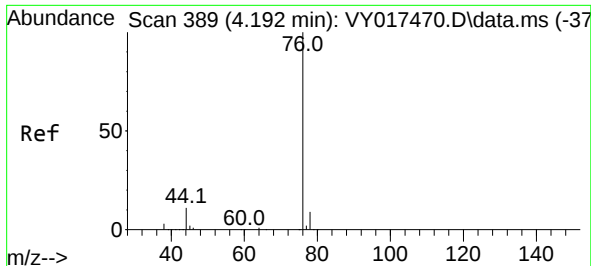
Tgt Ion: 53	Resp: 59012
Ion Ratio	Lower Upper
53 100	
52 80.6	64.7 97.1
51 34.7	28.4 42.6



#16
Acetone
Concen: 183.554 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 43	Resp: 47101
Ion Ratio	Lower Upper
43 100	
58 37.7	31.7 47.5

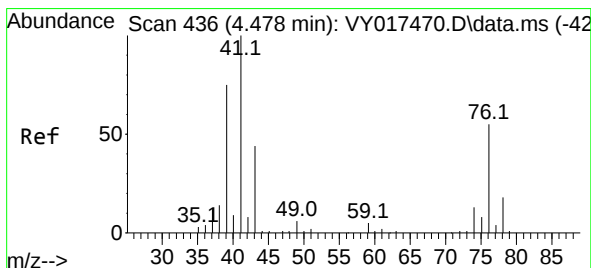
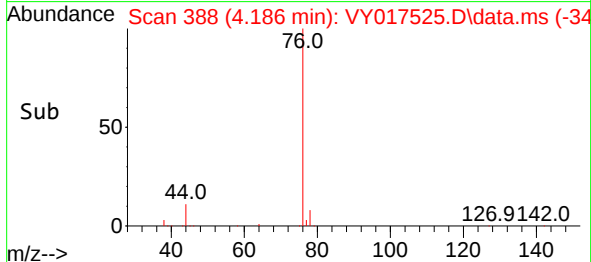
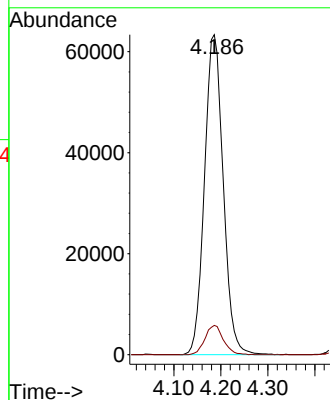
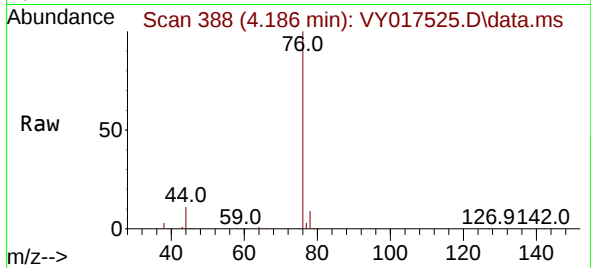




#17
Carbon Disulfide
Concen: 44.259 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

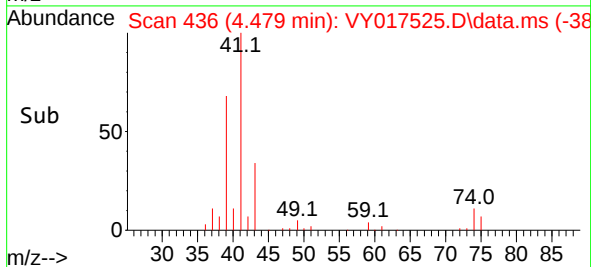
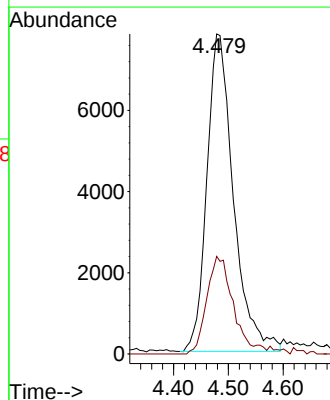
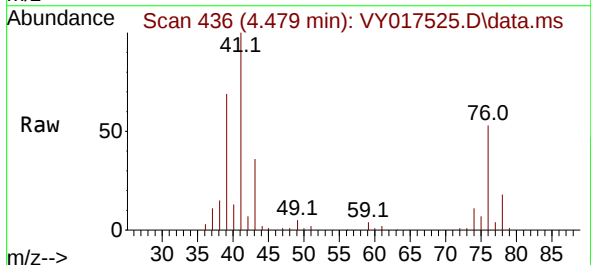
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 175186
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 42.275 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 43 Resp: 26318
Ion Ratio Lower Upper
43 100
74 29.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 44.902 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

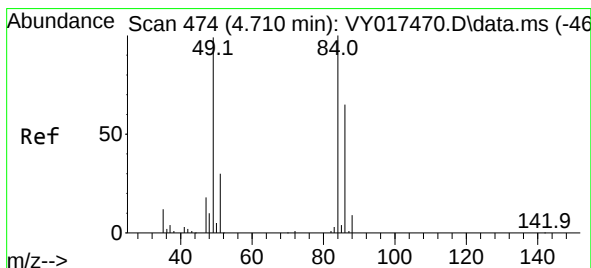
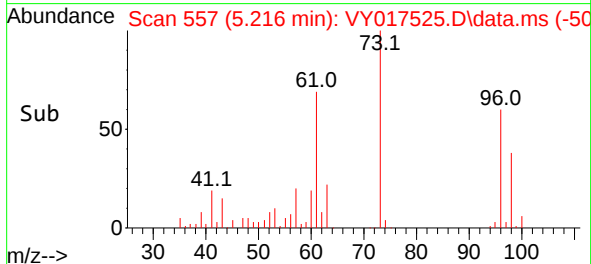
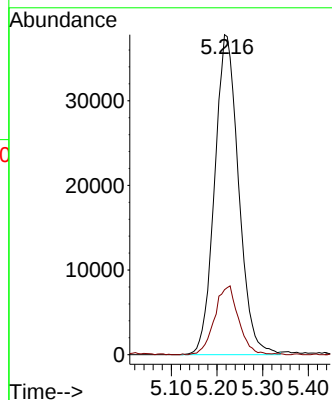
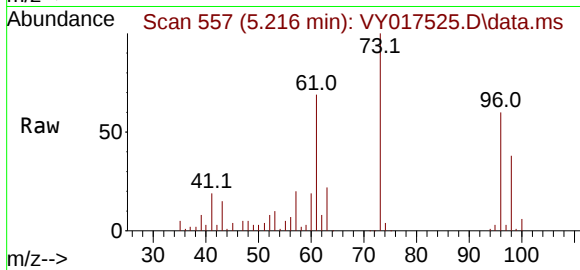
VSTDCCC050EC

Tgt Ion: 73 Resp: 138011

Ion Ratio Lower Upper

73 100

57 20.3 17.3 25.9



#20

Methylene Chloride

Concen: 47.164 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion: 84 Resp: 71574

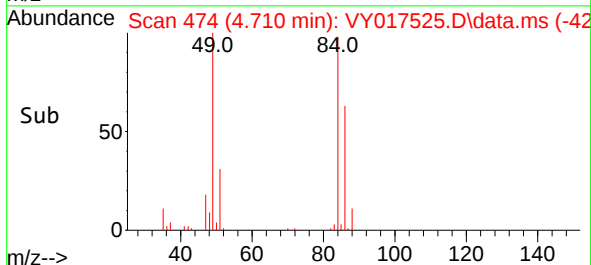
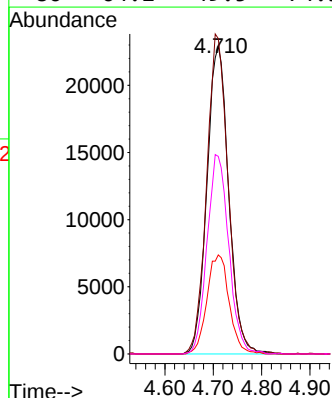
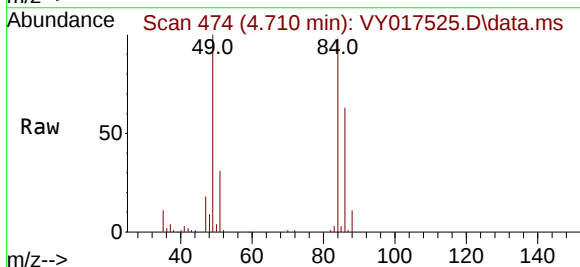
Ion Ratio Lower Upper

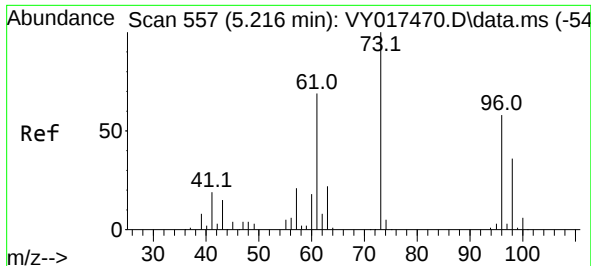
84 100

49 102.5 84.4 126.6

51 32.2 26.0 39.0

86 64.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 45.489 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

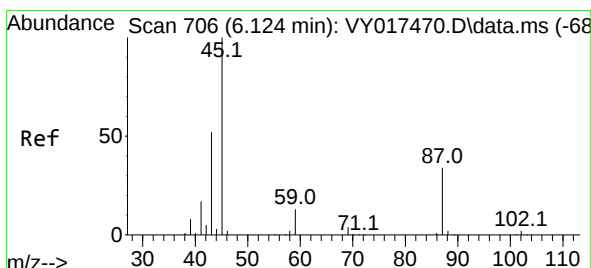
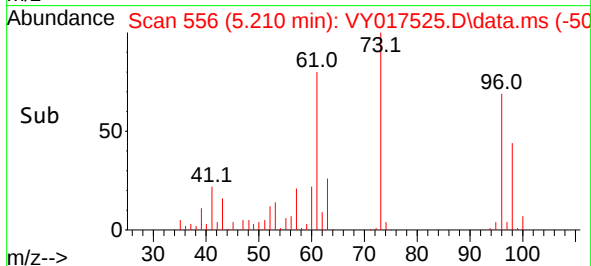
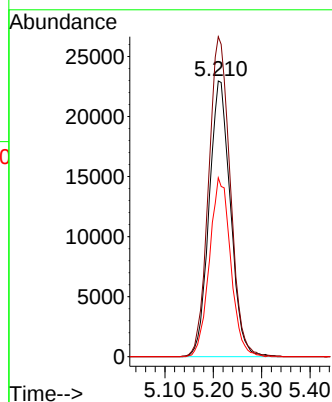
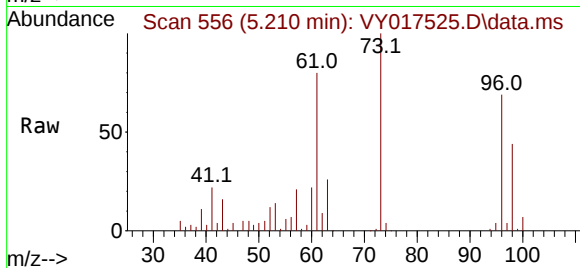
Tgt Ion: 96 Resp: 70236

Ion Ratio Lower Upper

96 100

61 116.1 97.5 146.3

98 64.9 50.5 75.7



#22

Diisopropyl ether

Concen: 47.689 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion: 45 Resp: 175345

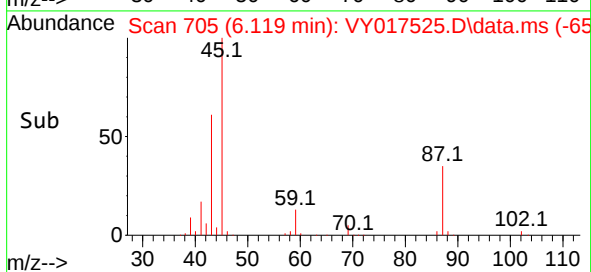
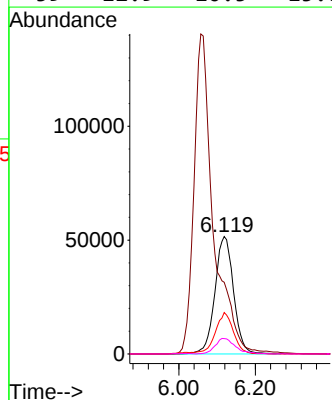
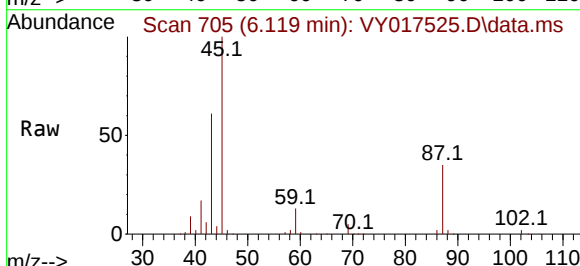
Ion Ratio Lower Upper

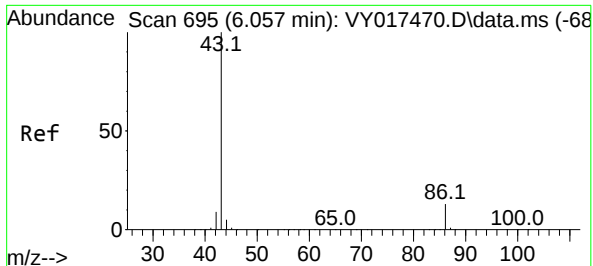
45 100

43 59.9 42.2 63.2

87 35.3 25.0 37.6

59 12.9 10.5 15.7

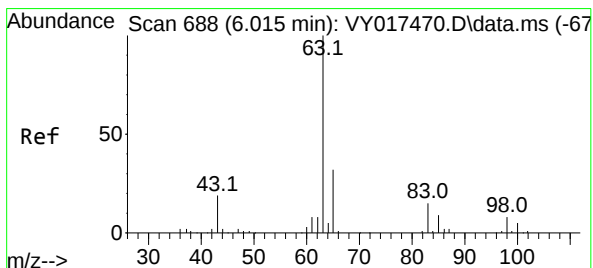
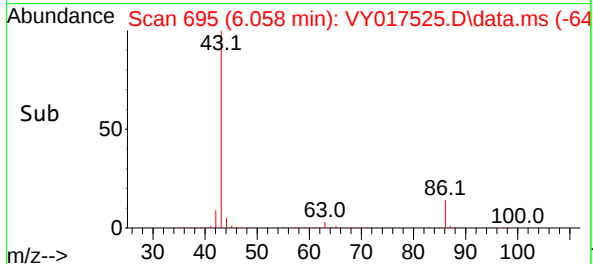
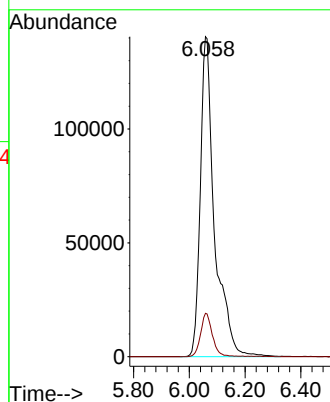
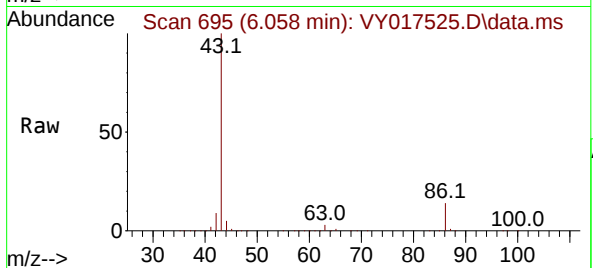




#23
 Vinyl Acetate
 Concen: 227.024 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017525.D
 Acq: 28 Feb 2024 17:04

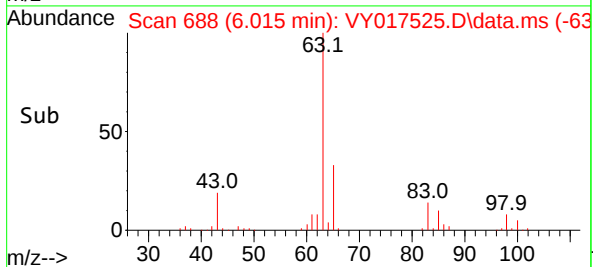
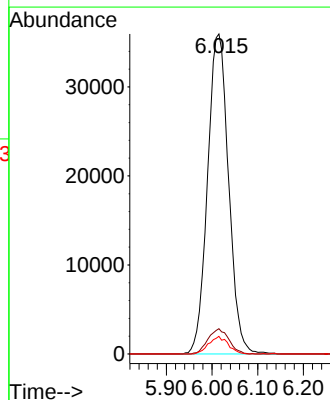
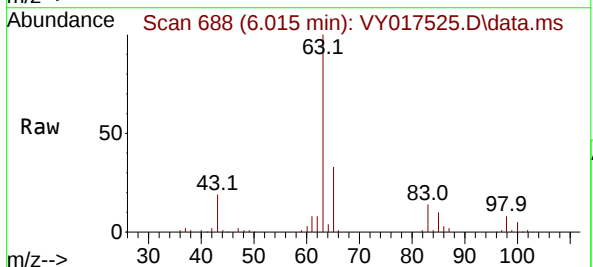
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 497412
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.793 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017525.D
 Acq: 28 Feb 2024 17:04

Tgt Ion: 63 Resp: 115032
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 180.577 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

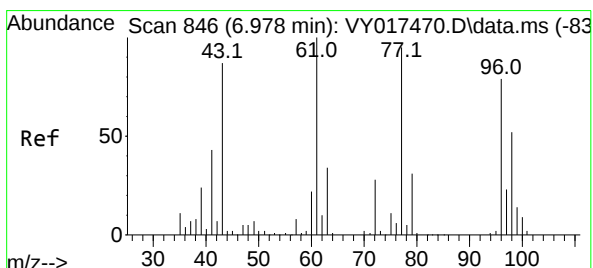
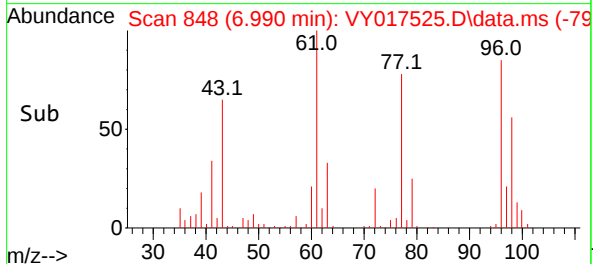
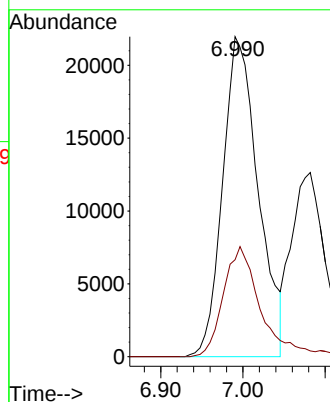
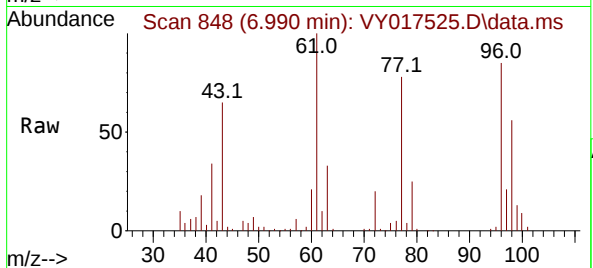
VSTDCCC050EC

Tgt Ion: 43 Resp: 66036

Ion Ratio Lower Upper

43 100

72 30.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 44.708 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017525.D

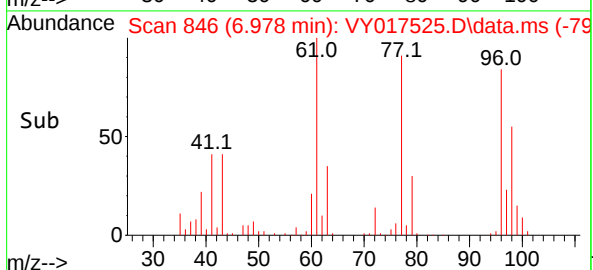
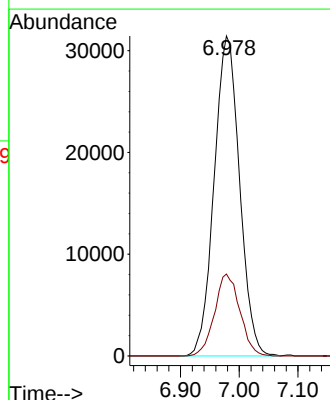
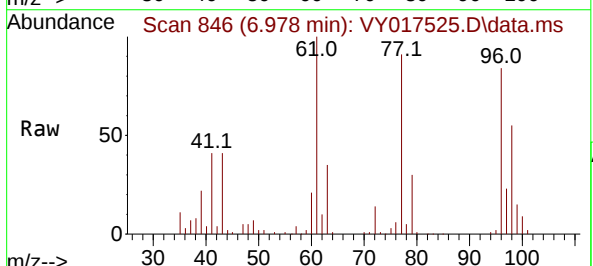
Acq: 28 Feb 2024 17:04

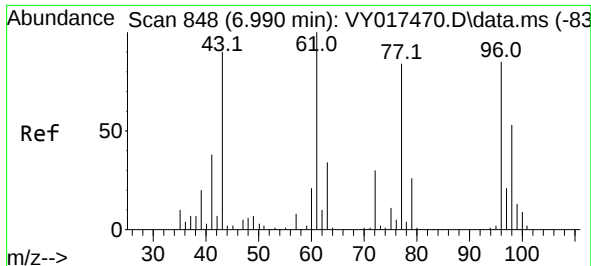
Tgt Ion: 77 Resp: 94423

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 46.638 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

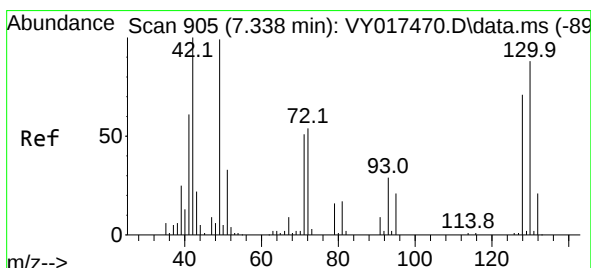
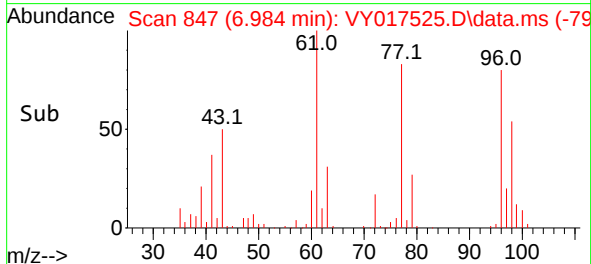
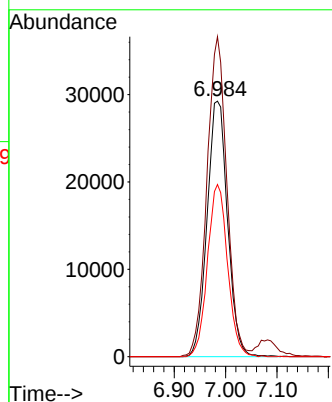
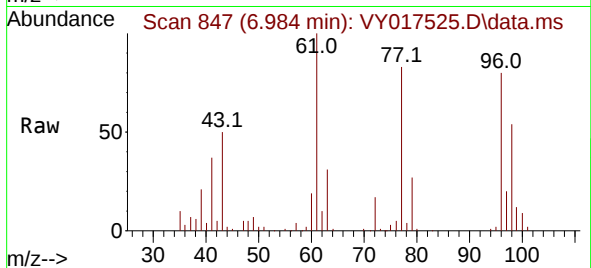
Tgt Ion: 96 Resp: 80852

Ion Ratio Lower Upper

96 100

61 122.3 0.0 256.2

98 66.1 0.0 130.0



#28

Bromochloromethane

Concen: 60.034 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

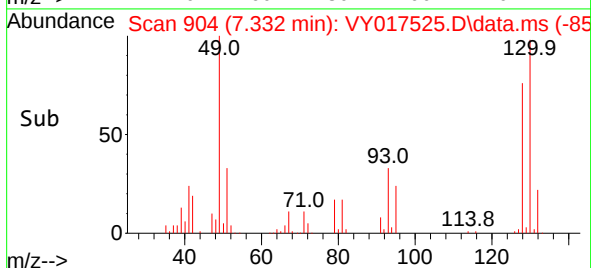
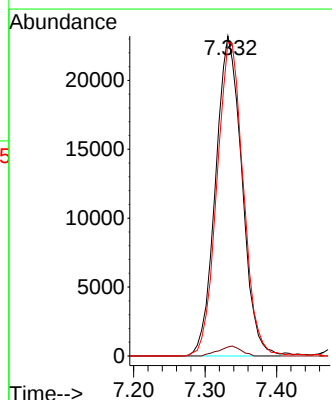
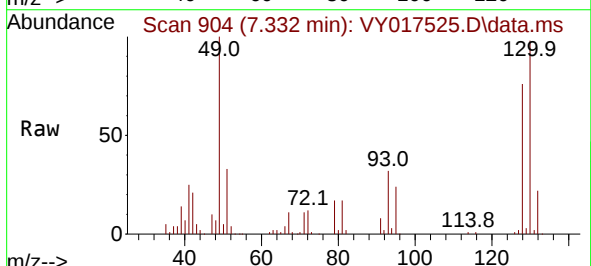
Tgt Ion: 49 Resp: 59392

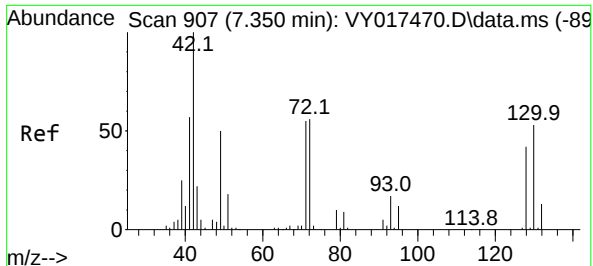
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 98.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 200.799 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

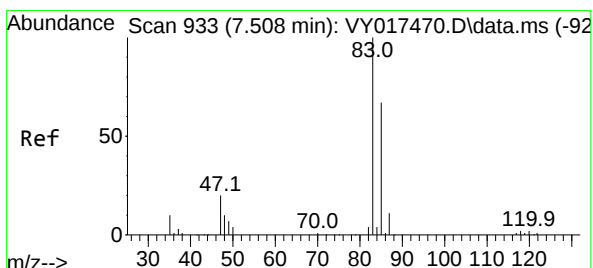
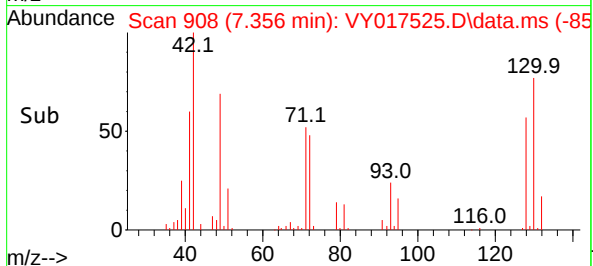
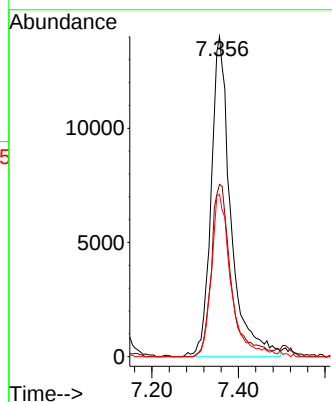
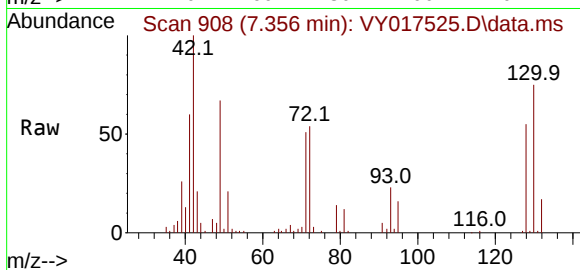
Tgt Ion: 42 Resp: 44265

Ion Ratio Lower Upper

42 100

72 54.3 43.0 64.4

71 50.5 40.8 61.2



#30

Chloroform

Concen: 47.198 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017525.D

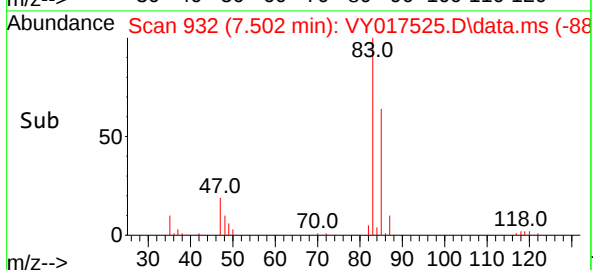
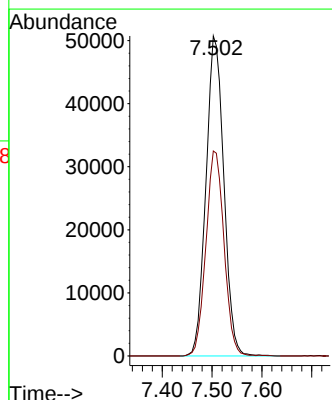
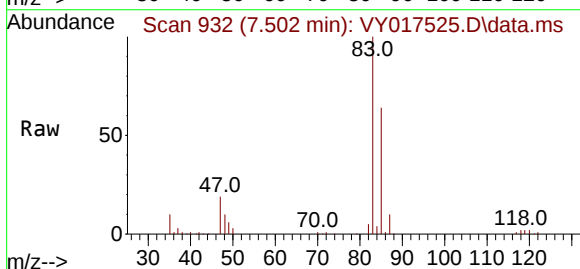
Acq: 28 Feb 2024 17:04

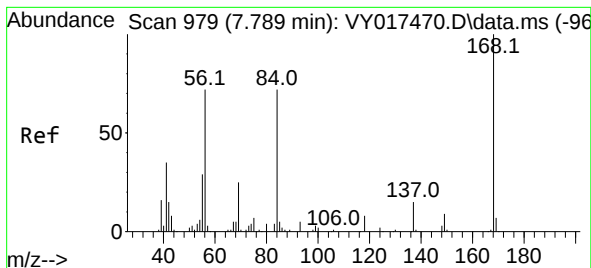
Tgt Ion: 83 Resp: 126226

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.4





#31

Cyclohexane

Concen: 43.364 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

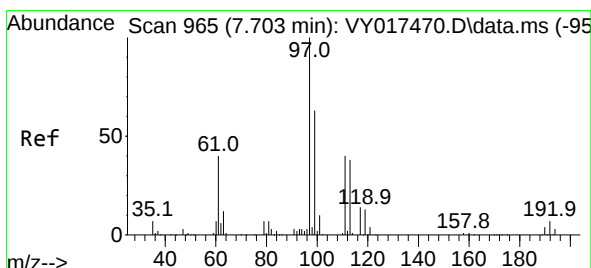
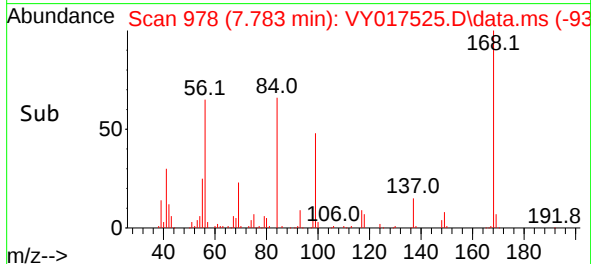
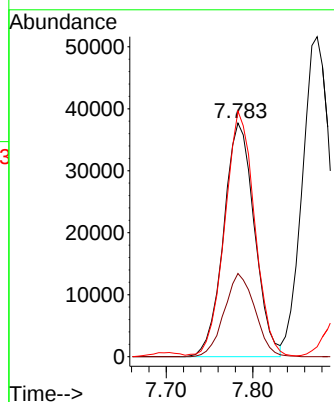
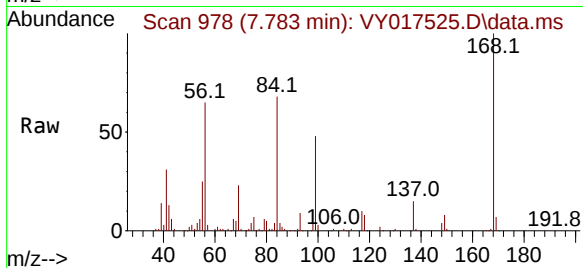
Tgt Ion: 56 Resp: 93363

Ion Ratio Lower Upper

56 100

69 35.6 28.7 43.1

84 103.9 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 46.408 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

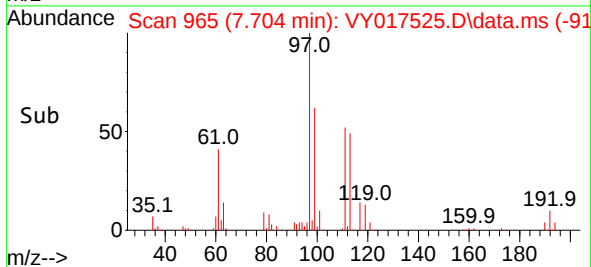
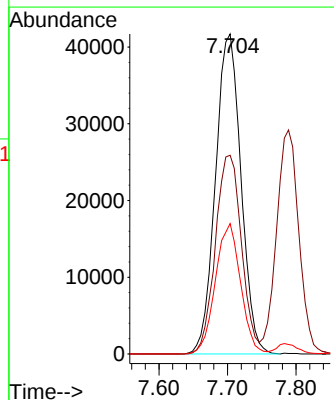
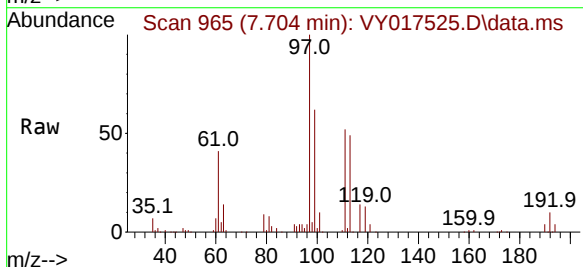
Tgt Ion: 97 Resp: 107755

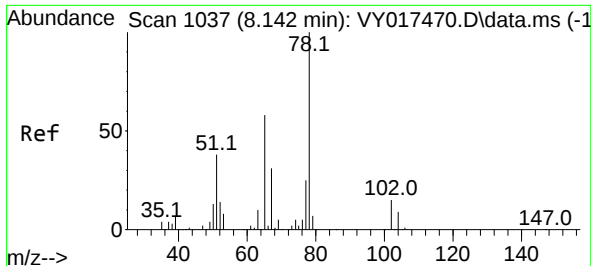
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 40.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.874 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

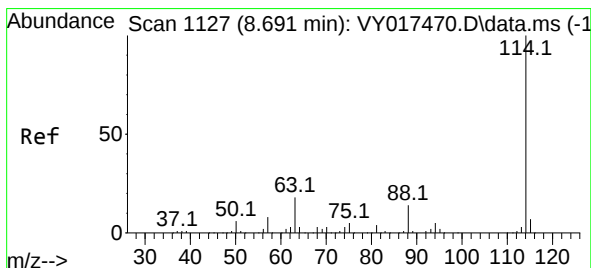
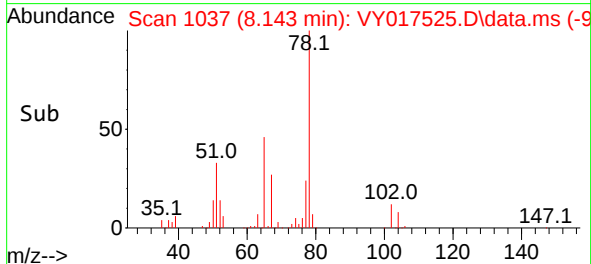
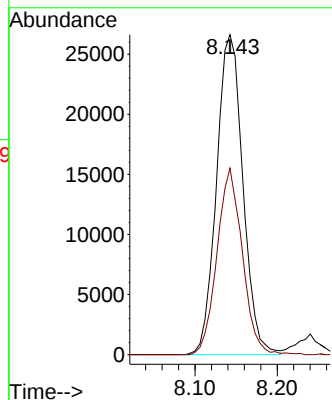
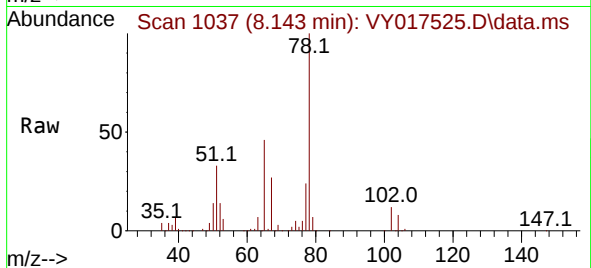
VSTDCCC050EC

Tgt Ion: 65 Resp: 59367

Ion Ratio Lower Upper

65 100

67 56.1 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: VY017525.D

Acq: 28 Feb 2024 17:04

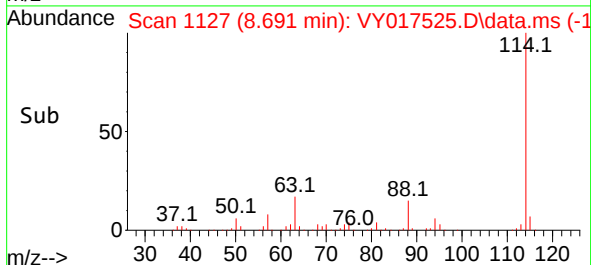
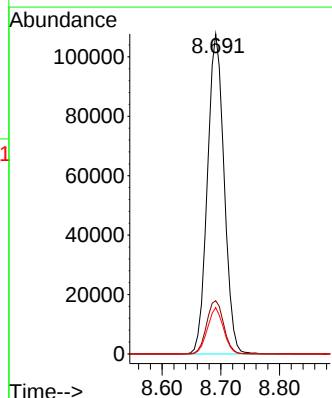
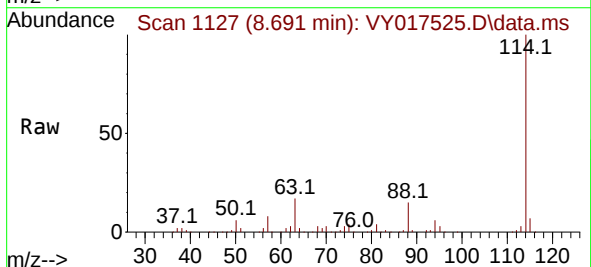
Tgt Ion: 114 Resp: 212424

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.632 ug/l

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017525.D

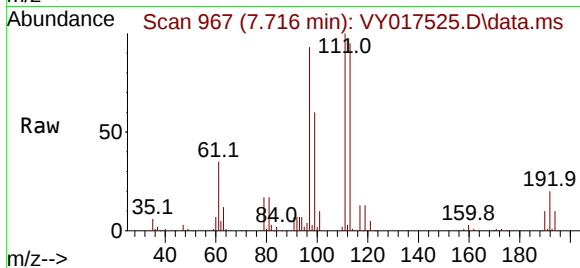
Acq: 28 Feb 2024 17:04

Instrument :

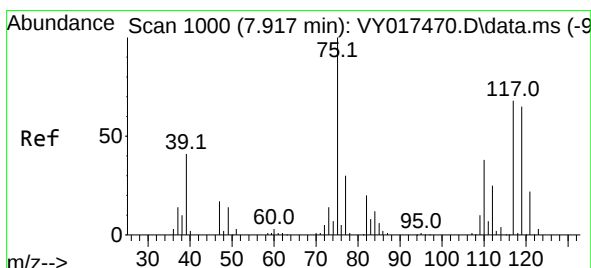
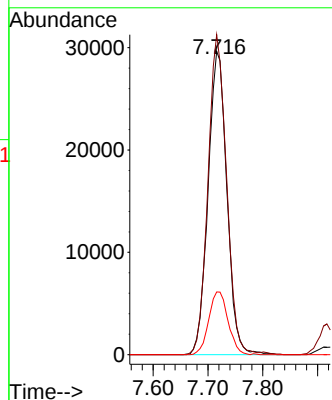
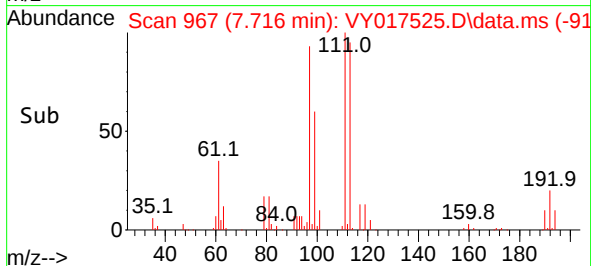
MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	113	Resp:	70507
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.4
192	21.2	15.9	23.9



#36

1,1-Dichloropropene

Concen: 47.452 ug/l

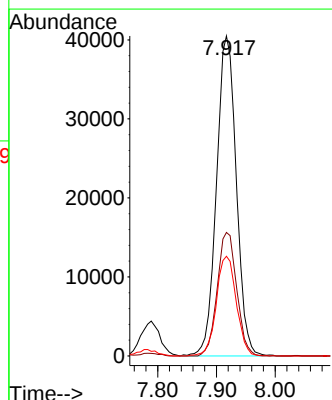
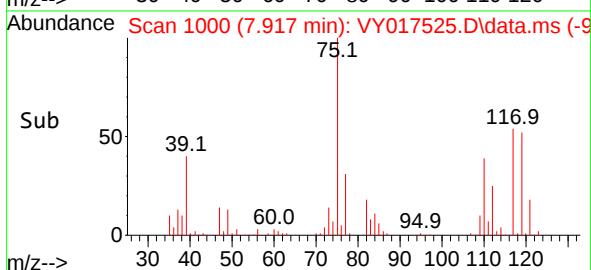
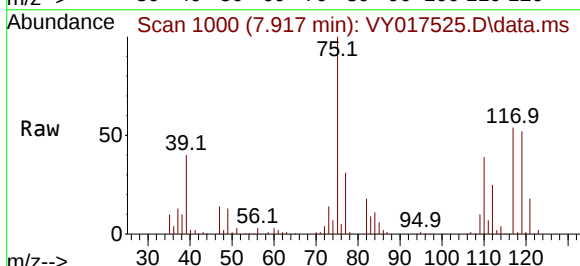
RT: 7.917 min Scan# 1000

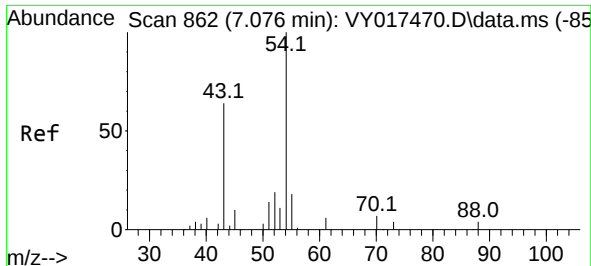
Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion:	75	Resp:	94770
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.0	57.0
77	31.4	25.3	37.9





#37

Ethyl Acetate

Concen: 51.830 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

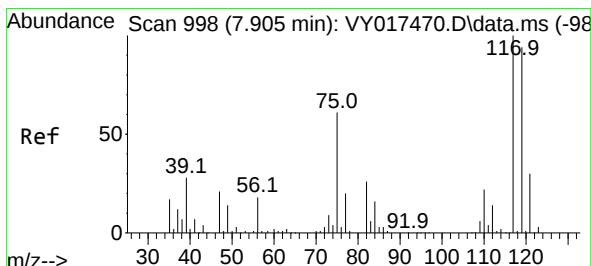
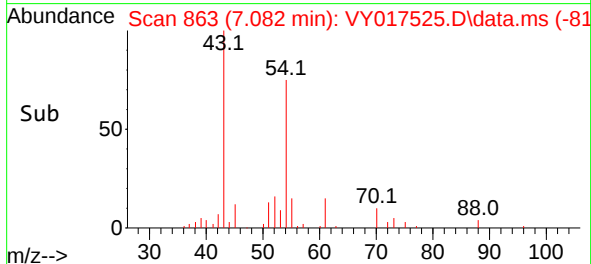
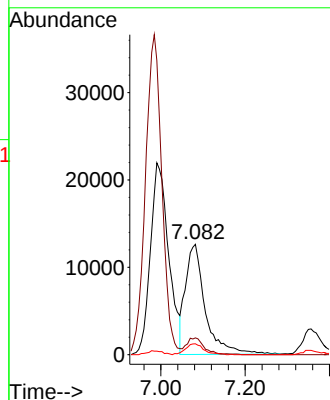
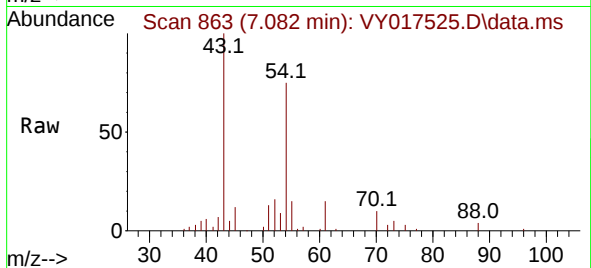
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	40884
Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.6	19.0
70	9.1	7.8	11.8



#38

Carbon Tetrachloride

Concen: 48.046 ug/l

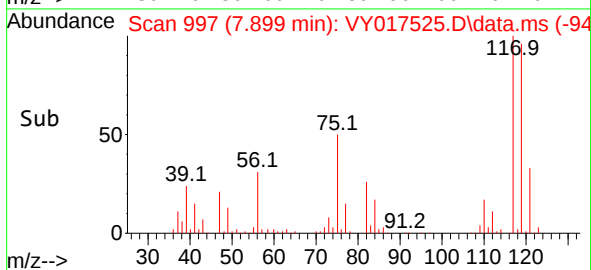
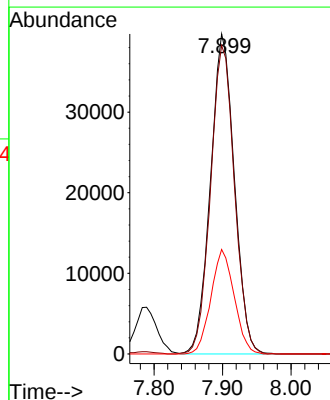
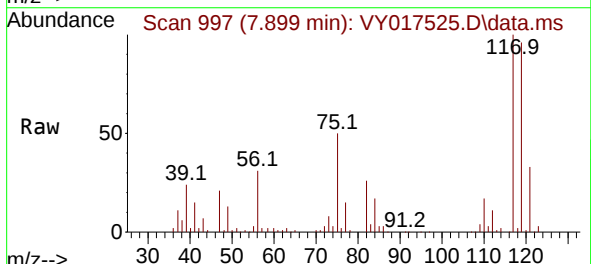
RT: 7.899 min Scan# 997

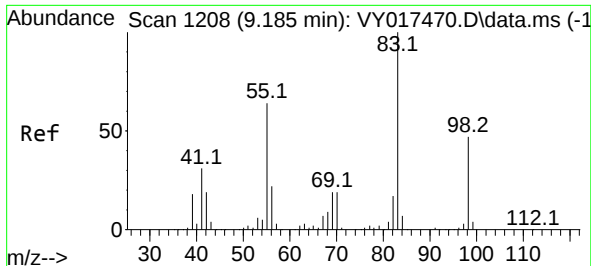
Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion:	117	Resp:	96169
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.6
121	32.7	24.0	36.0





#39

Methylcyclohexane

Concen: 45.922 ug/l

RT: 9.185 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

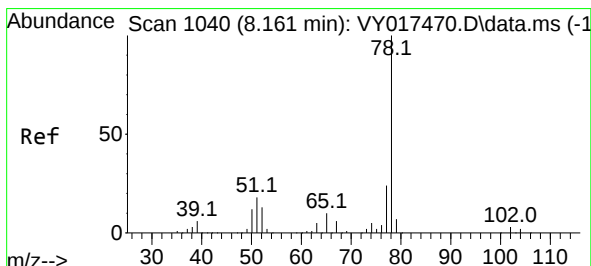
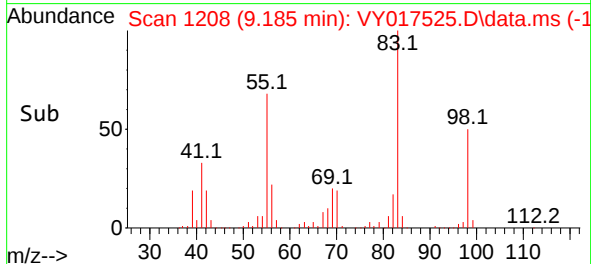
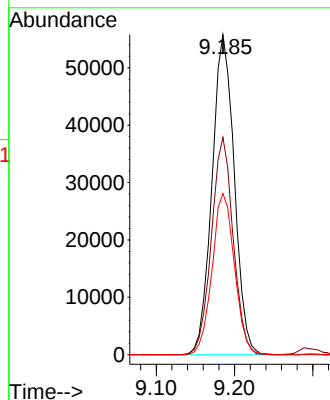
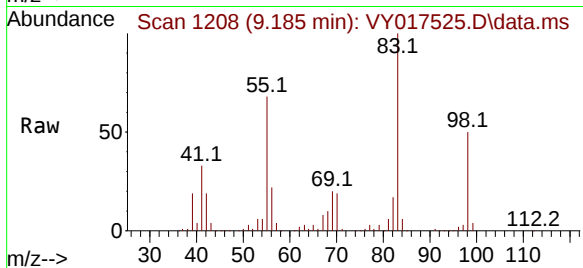
Tgt Ion: 83 Resp: 110220

Ion Ratio Lower Upper

83 100

55 67.9 51.5 77.3

98 50.3 40.5 60.7



#40

Benzene

Concen: 48.173 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017525.D

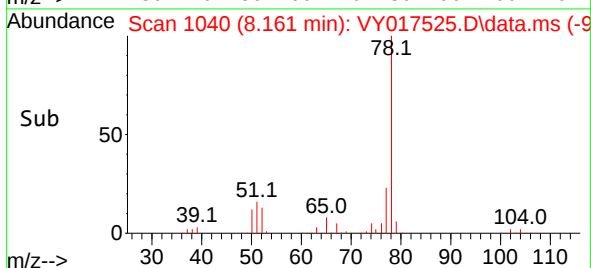
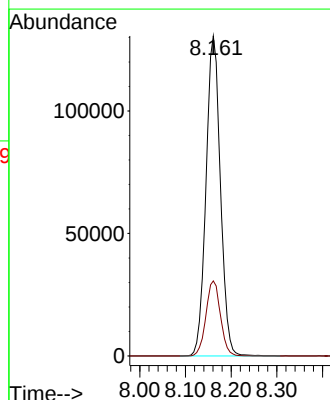
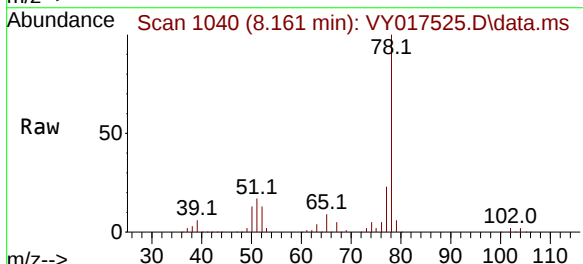
Acq: 28 Feb 2024 17:04

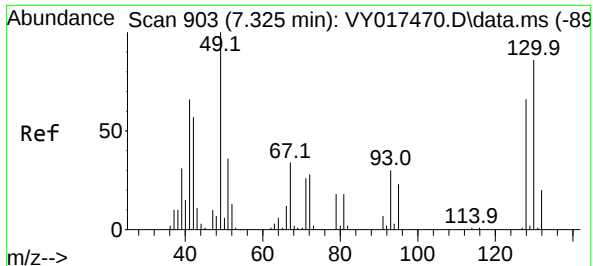
Tgt Ion: 78 Resp: 285715

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

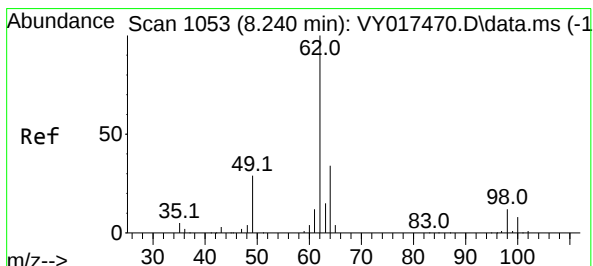
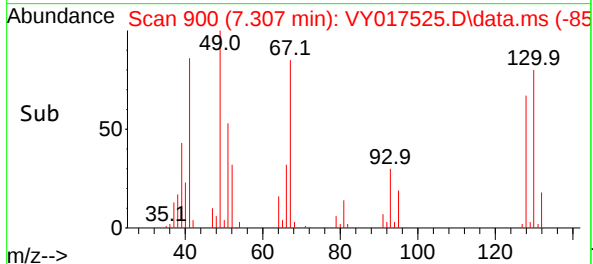
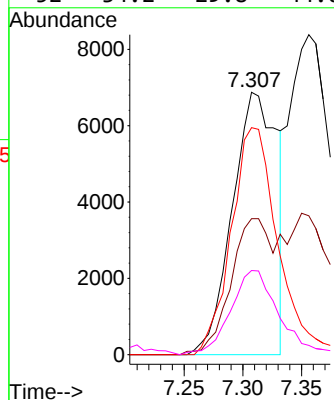
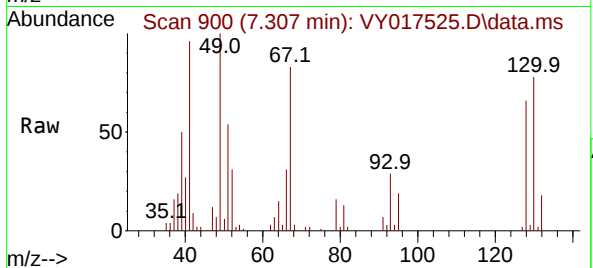




#41
Methacrylonitrile
Concen: 45.997 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

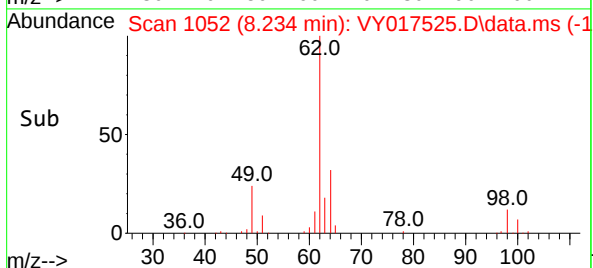
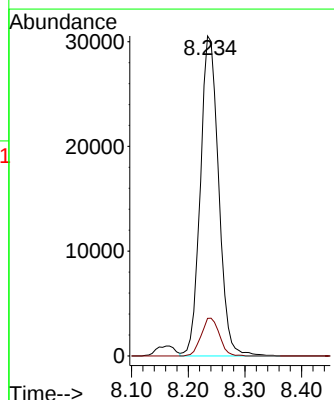
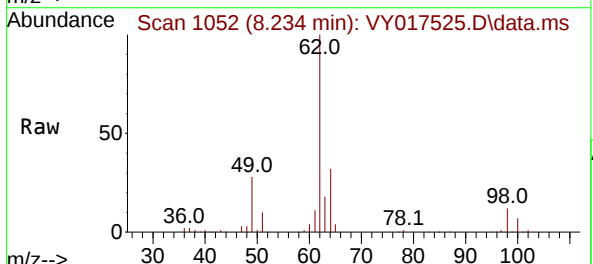
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

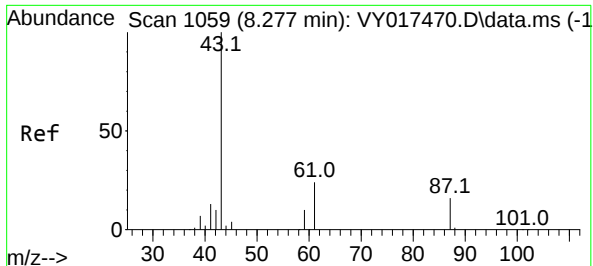
Tgt Ion: 41 Resp: 18207
Ion Ratio Lower Upper
41 100
39 46.5 48.0 72.0#
67 93.6 75.1 112.7
52 34.2 29.8 44.6



#42
1,2-Dichloroethane
Concen: 47.278 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 62 Resp: 68415
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 44.470 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

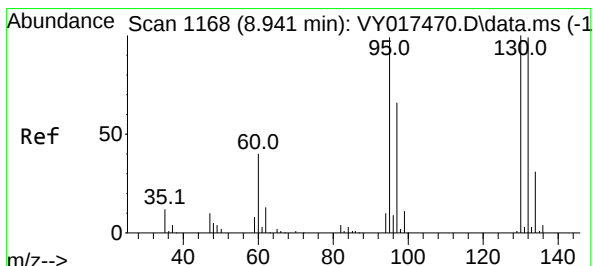
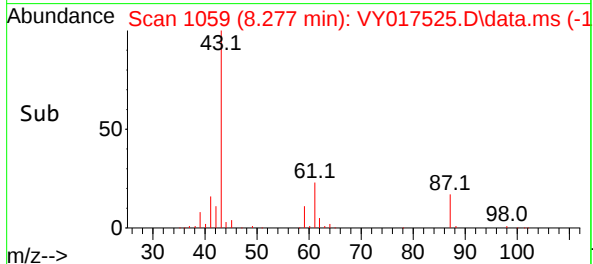
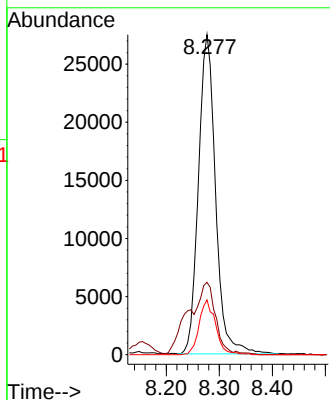
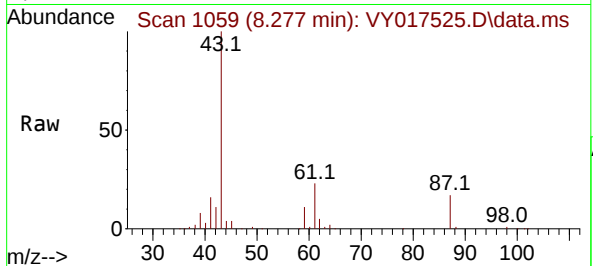
Tgt Ion: 43 Resp: 61642

Ion Ratio Lower Upper

43 100

61 35.5 27.9 41.9

87 16.5 13.1 19.7



#44

Trichloroethene

Concen: 47.359 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017525.D

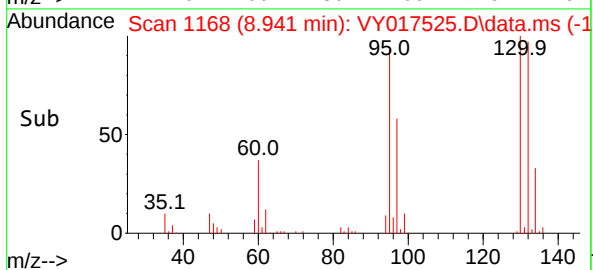
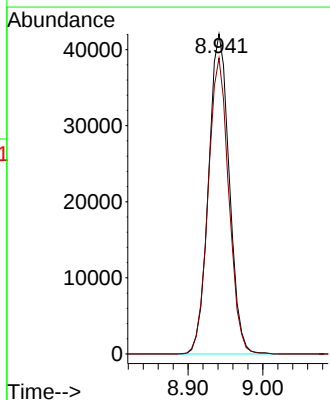
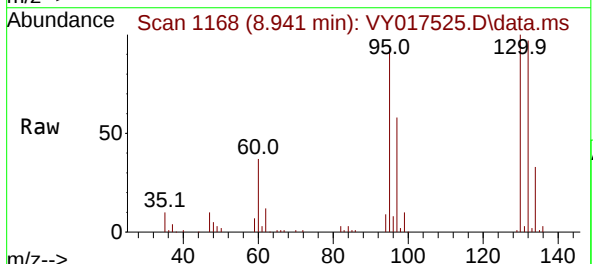
Acq: 28 Feb 2024 17:04

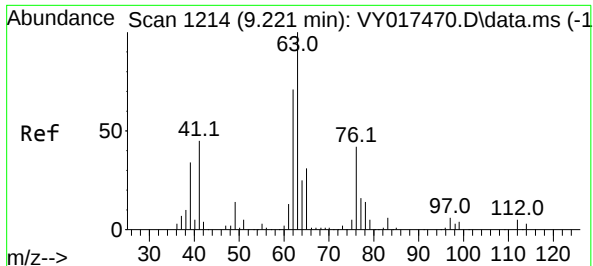
Tgt Ion:130 Resp: 80961

Ion Ratio Lower Upper

130 100

95 92.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.230 ug/l

RT: 9.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

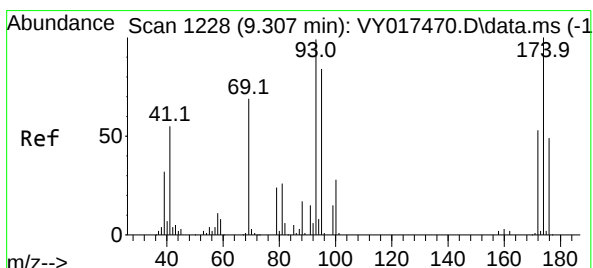
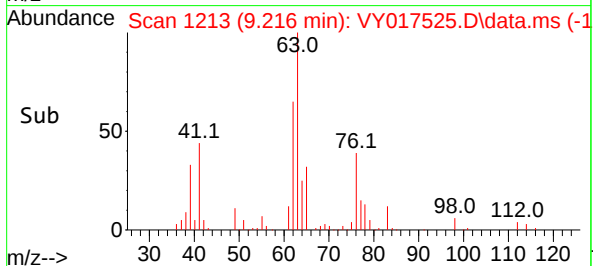
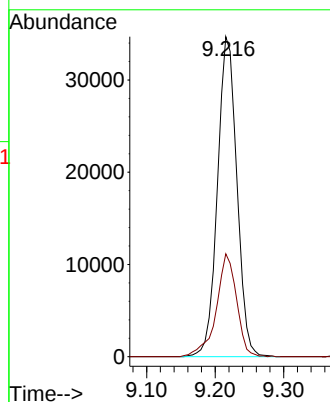
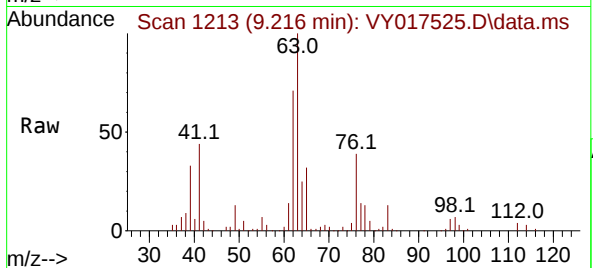
VSTDCCC050EC

Tgt Ion: 63 Resp: 68057

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 48.491 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

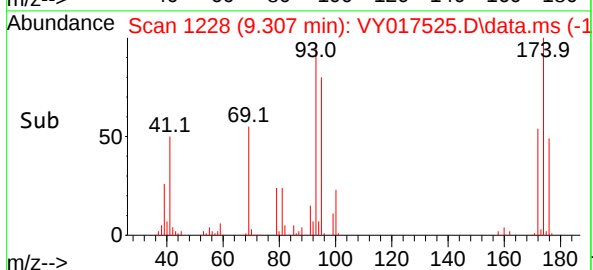
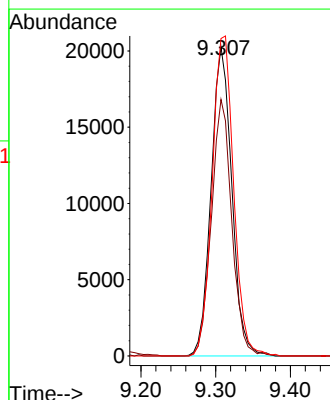
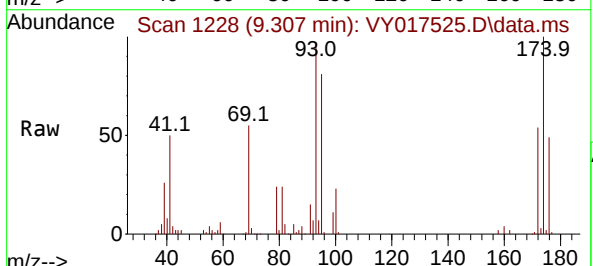
Tgt Ion: 93 Resp: 39160

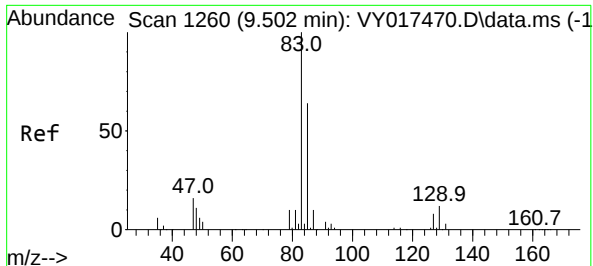
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 107.1 80.9 121.3

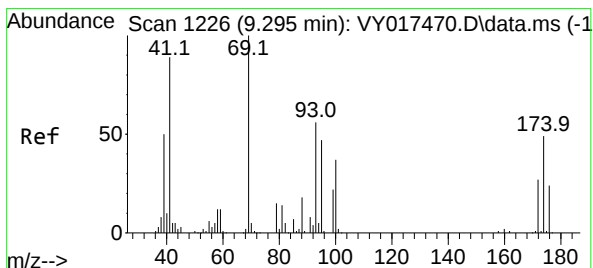
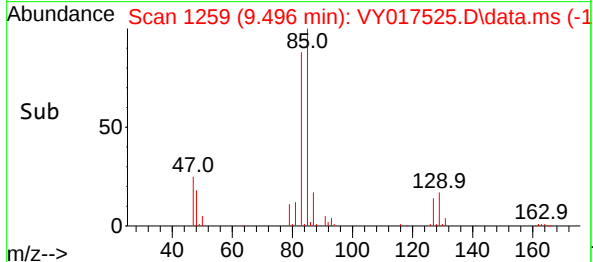
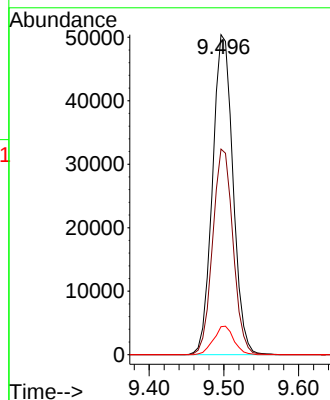
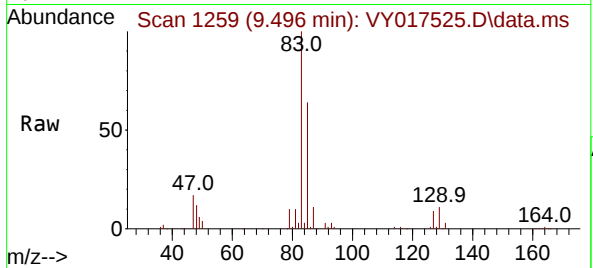




#47
Bromodichloromethane
Concen: 48.931 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

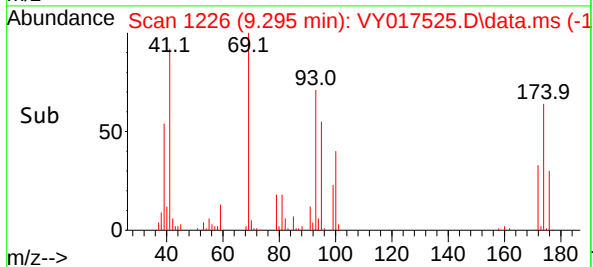
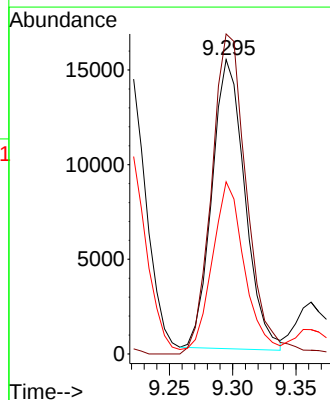
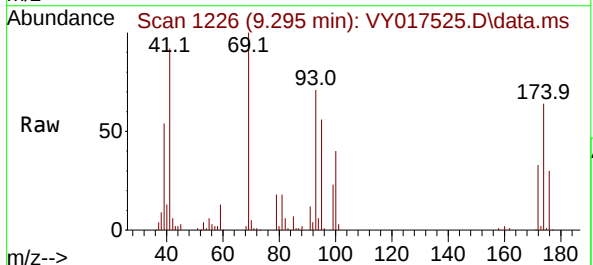
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

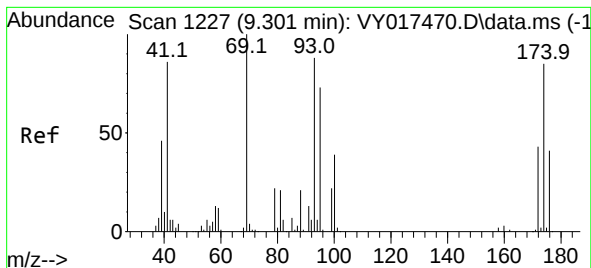
Tgt Ion: 83 Resp: 95946
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 43.101 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 41 Resp: 27654
Ion Ratio Lower Upper
41 100
69 118.5 84.1 126.1
39 55.6 43.6 65.4





#49

1,4-Dioxane

Concen: 738.236 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.031 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

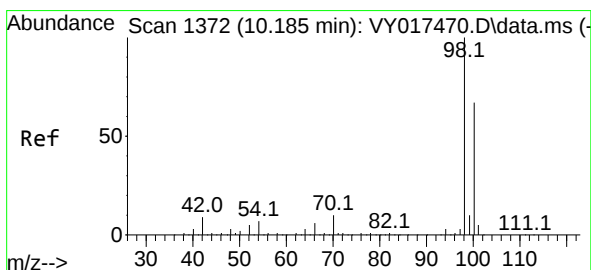
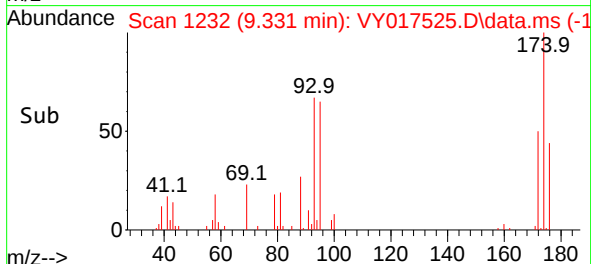
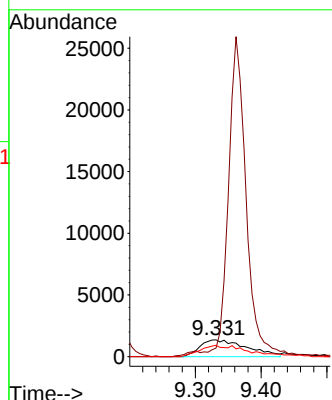
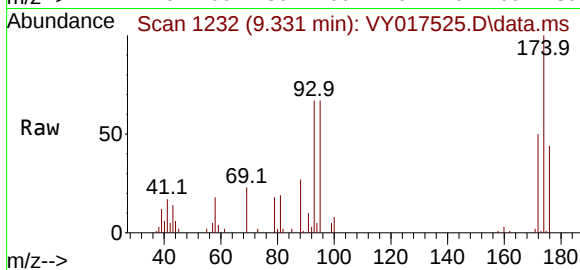
Tgt Ion: 88 Resp: 6747

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 37.4 49.3 73.9#



#50

Toluene-d8

Concen: 51.211 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017525.D

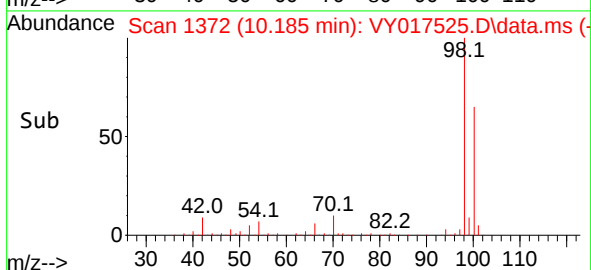
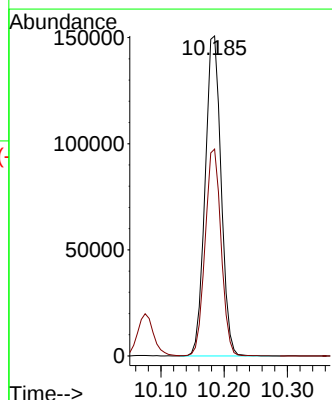
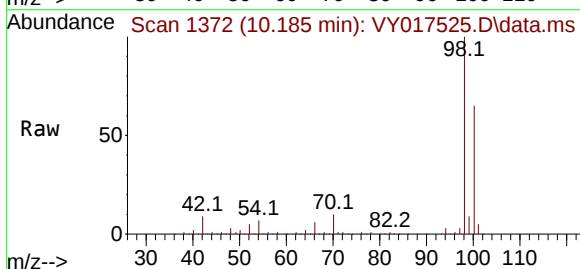
Acq: 28 Feb 2024 17:04

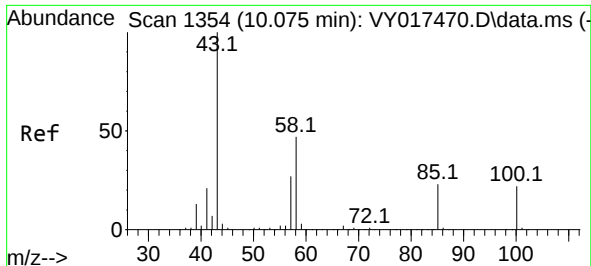
Tgt Ion: 98 Resp: 265040

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 223.964 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

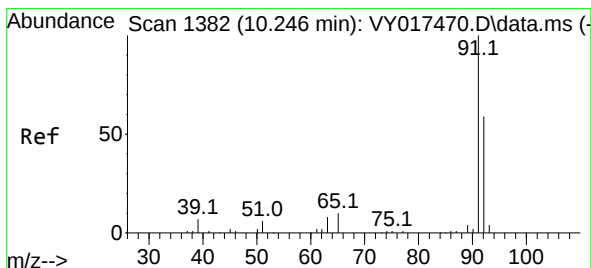
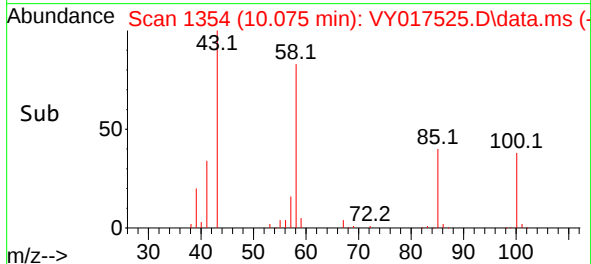
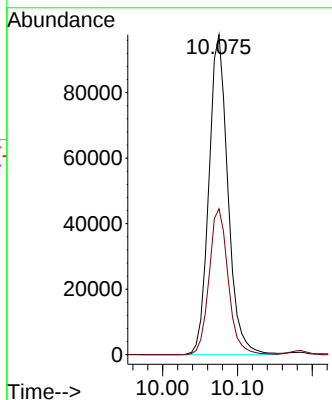
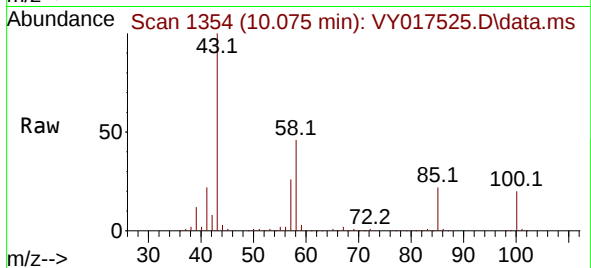
VSTDCCC050EC

Tgt Ion: 43 Resp: 173020

Ion Ratio Lower Upper

43 100

58 45.7 35.7 53.5



#52

Toluene

Concen: 48.231 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY017525.D

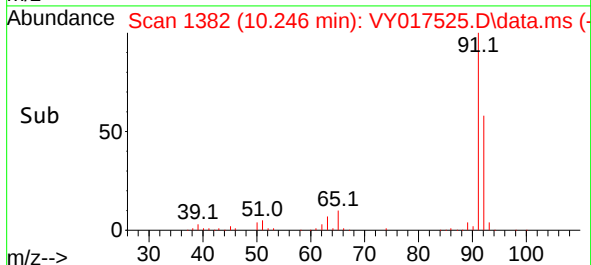
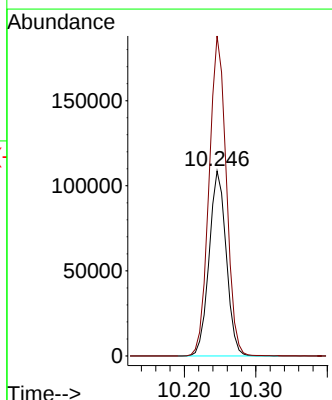
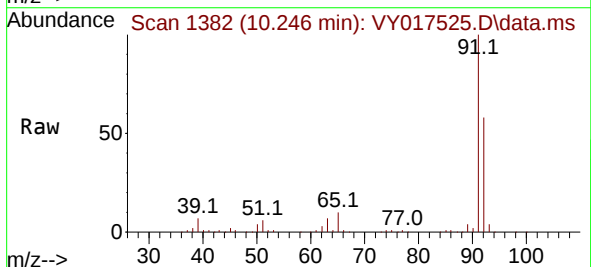
Acq: 28 Feb 2024 17:04

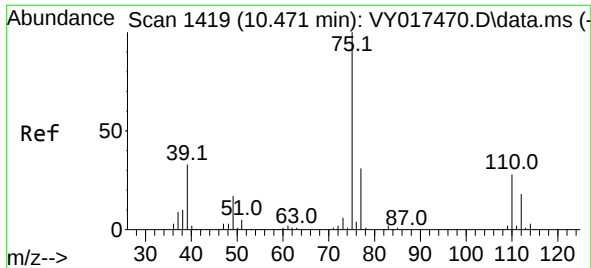
Tgt Ion: 92 Resp: 180334

Ion Ratio Lower Upper

92 100

91 174.4 139.0 208.6

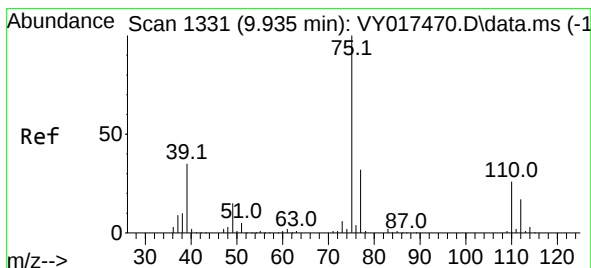
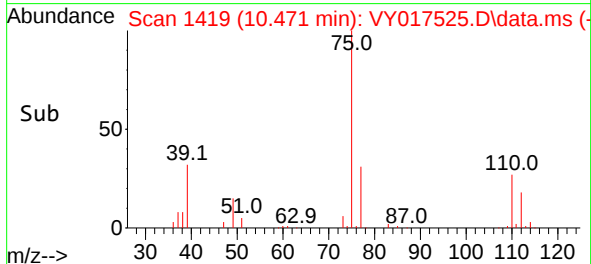
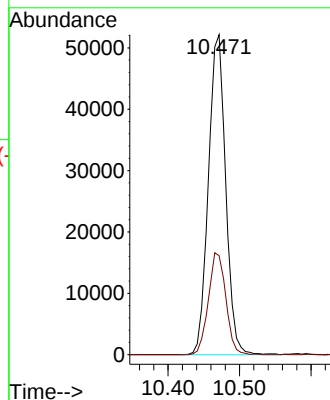
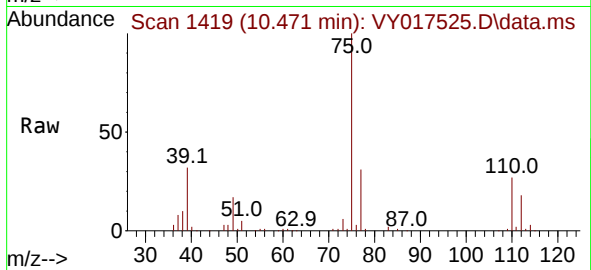




#53
t-1,3-Dichloropropene
Concen: 48.023 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

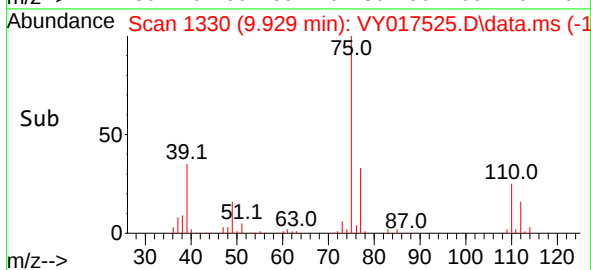
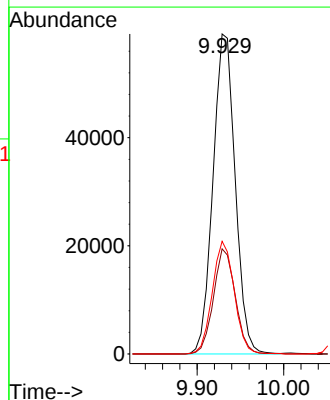
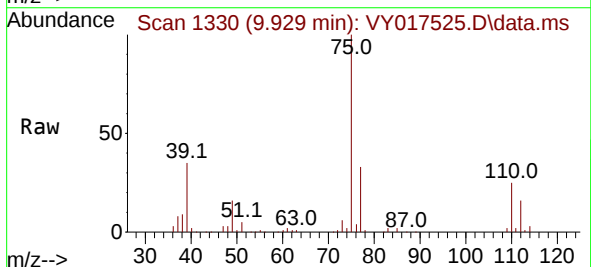
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

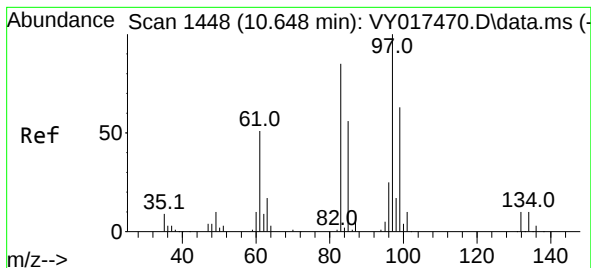
Tgt Ion: 75 Resp: 87401
Ion Ratio Lower Upper
75 100
77 31.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 47.685 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 75 Resp: 105453
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 35.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 47.971 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 55003

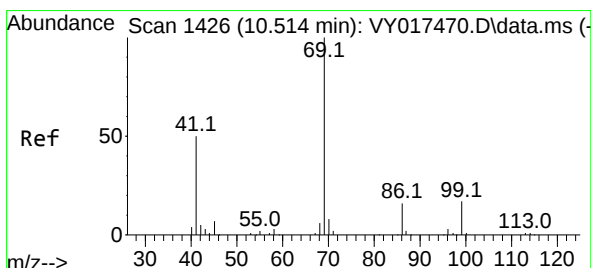
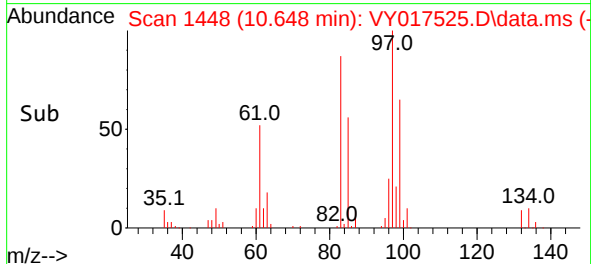
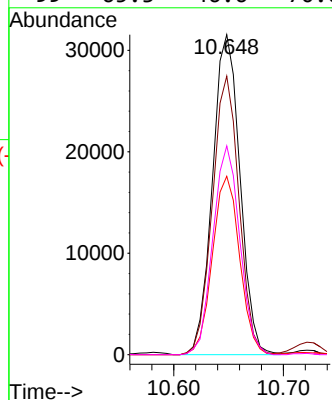
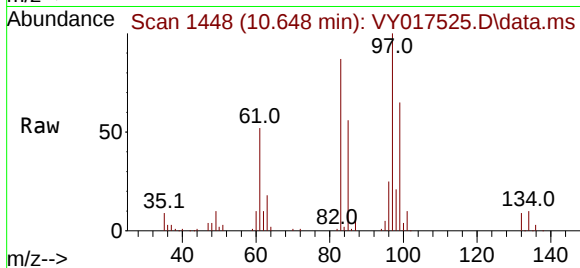
Ion Ratio Lower Upper

97 100

83 87.0 67.5 101.3

85 55.7 42.9 64.3

99 65.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 44.637 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

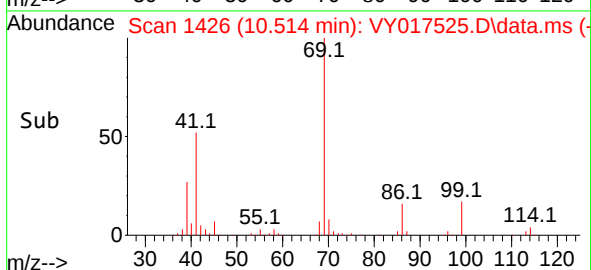
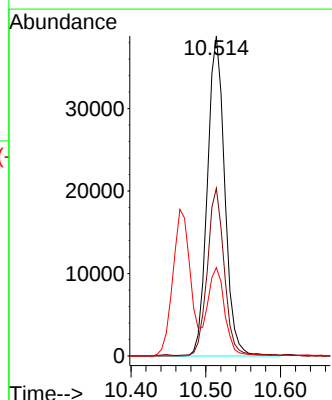
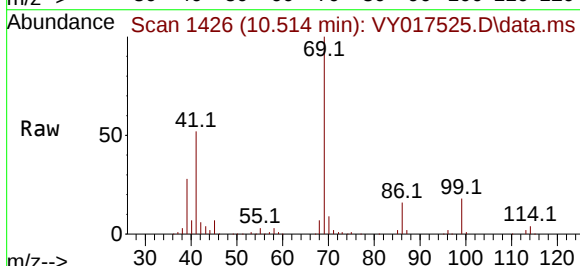
Tgt Ion: 69 Resp: 62559

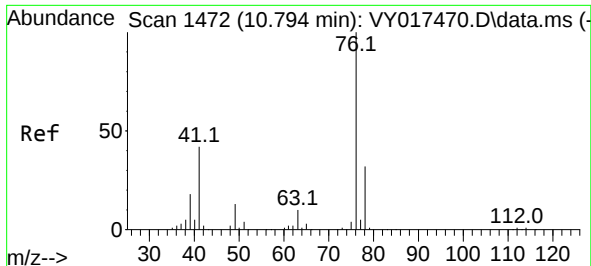
Ion Ratio Lower Upper

69 100

41 50.5 42.3 63.5

39 27.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 47.919 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

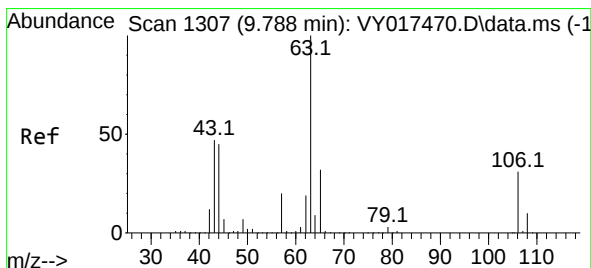
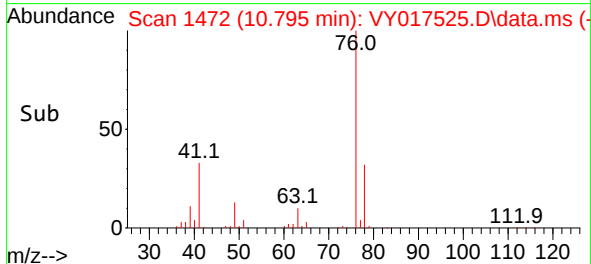
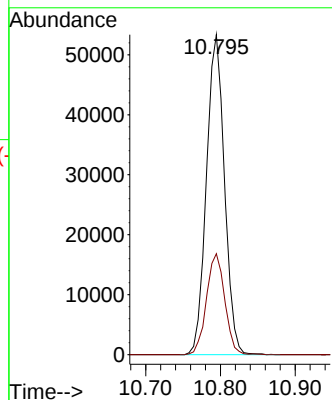
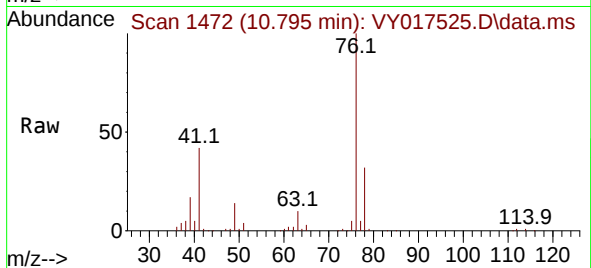
VSTDCCC050EC

Tgt Ion: 76 Resp: 89330

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 294.886 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017525.D

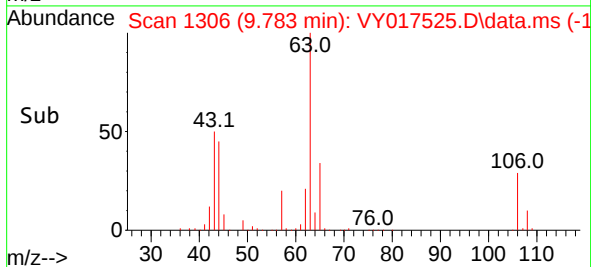
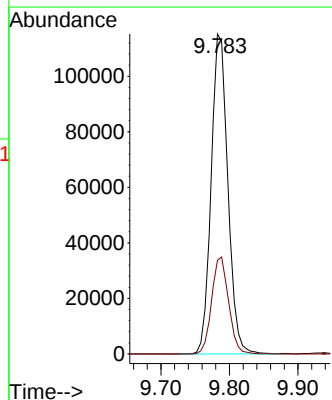
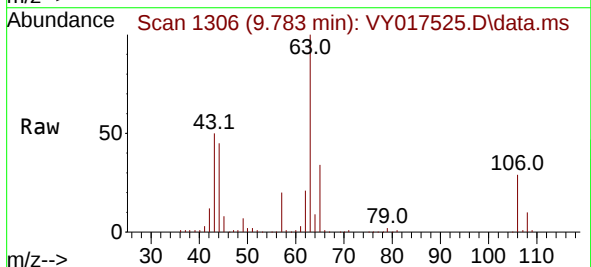
Acq: 28 Feb 2024 17:04

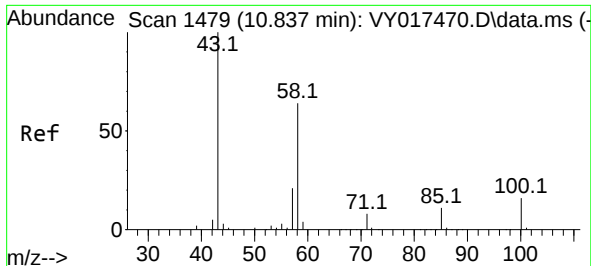
Tgt Ion: 63 Resp: 195109

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5

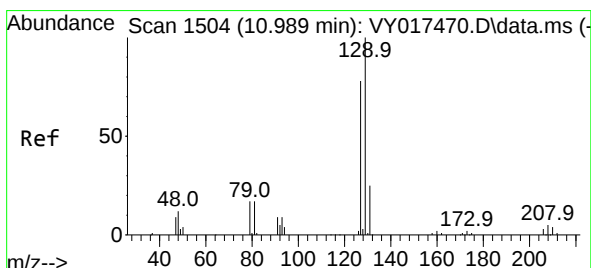
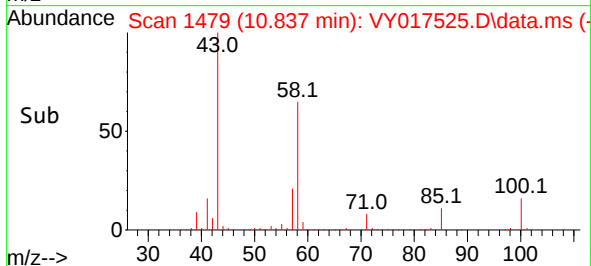
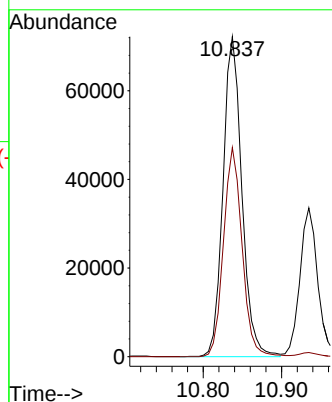
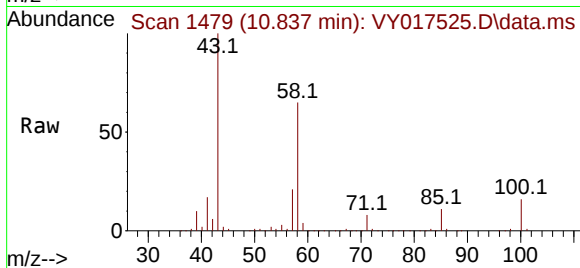




#59
2-Hexanone
Concen: 227.937 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

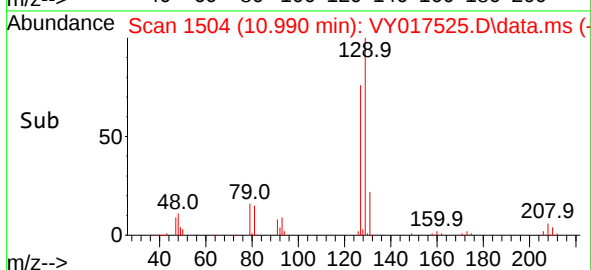
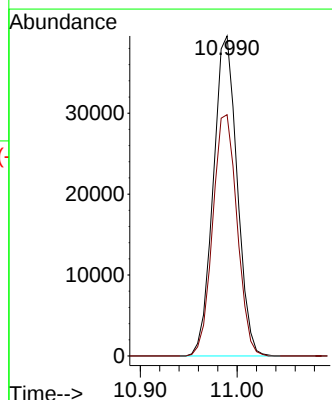
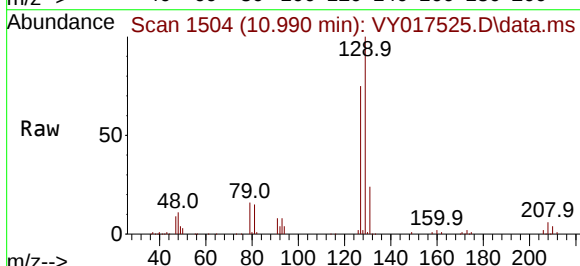
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

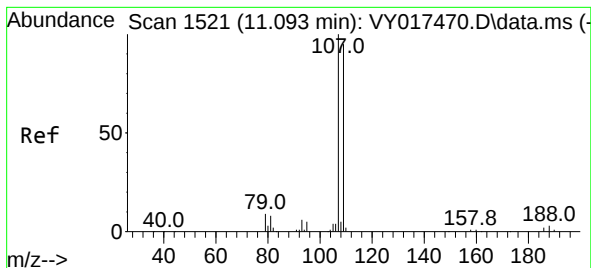
Tgt Ion: 43 Resp: 120952
Ion Ratio Lower Upper
43 100
58 64.4 31.4 94.0



#60
Dibromochloromethane
Concen: 49.851 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 129 Resp: 67619
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 48.354 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

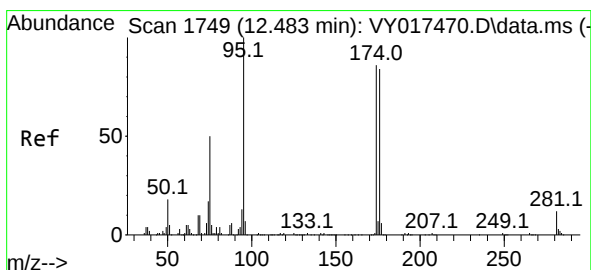
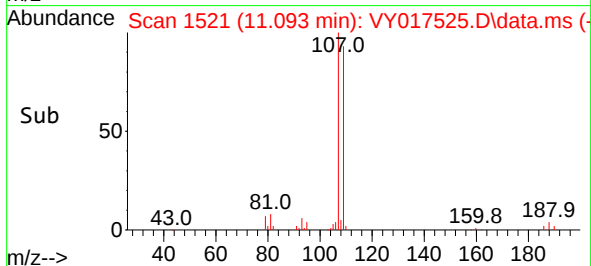
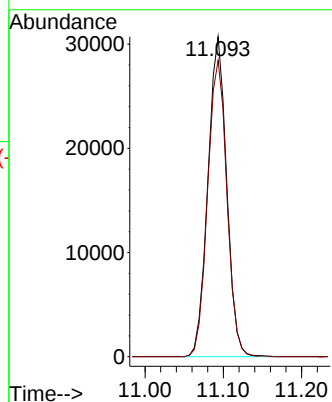
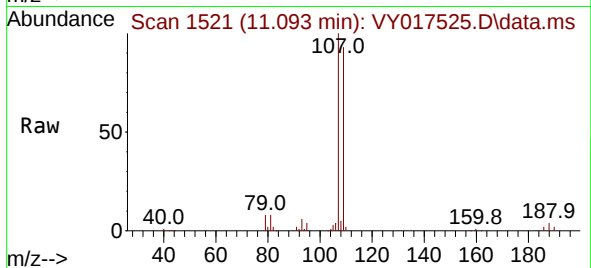
VSTDCCC050EC

Tgt Ion:107 Resp: 51092

Ion Ratio Lower Upper

107 100

109 94.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.750 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

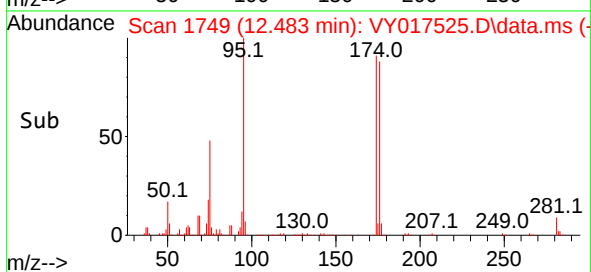
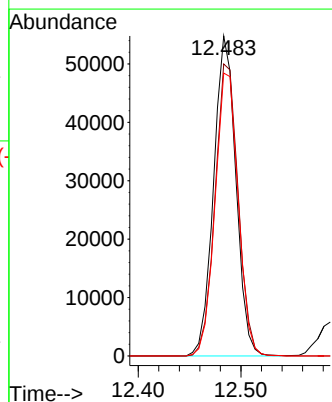
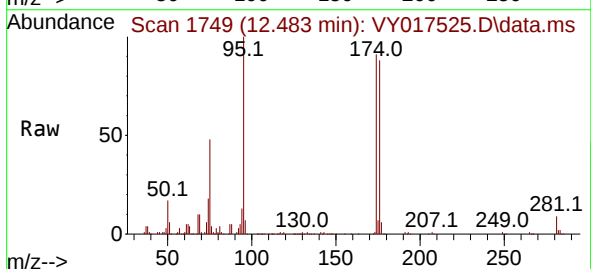
Tgt Ion: 95 Resp: 82546

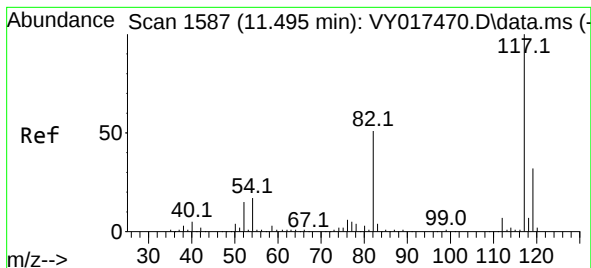
Ion Ratio Lower Upper

95 100

174 94.8 0.0 175.6

176 91.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

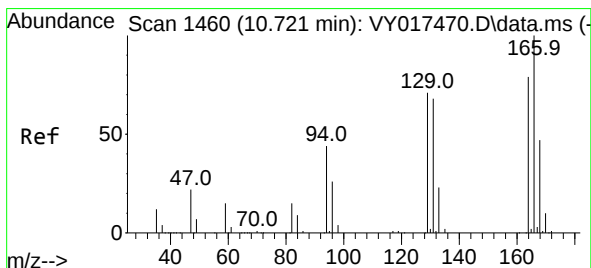
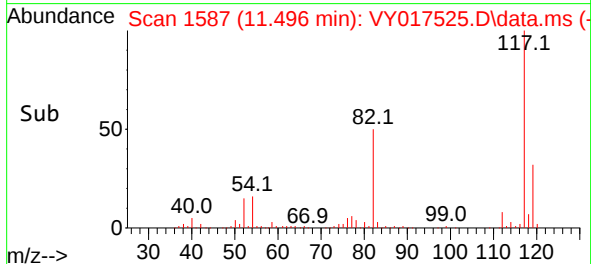
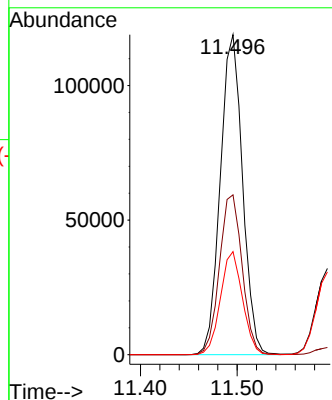
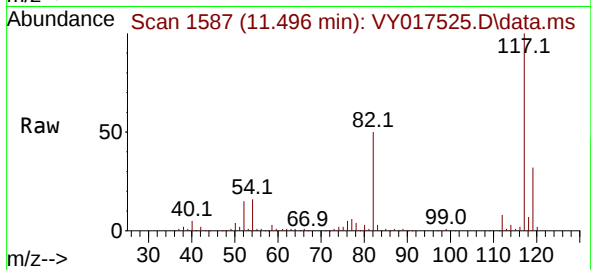
Tgt Ion:117 Resp: 189692

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 45.583 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion:164 Resp: 82993

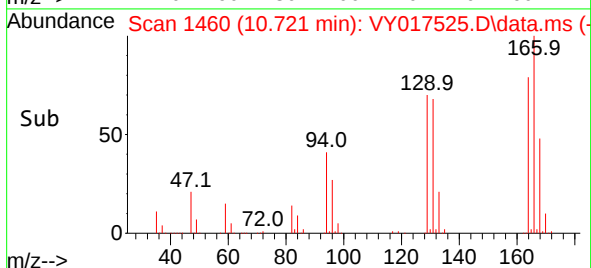
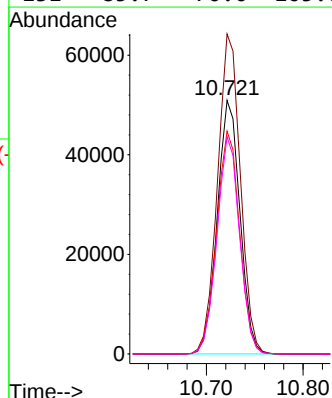
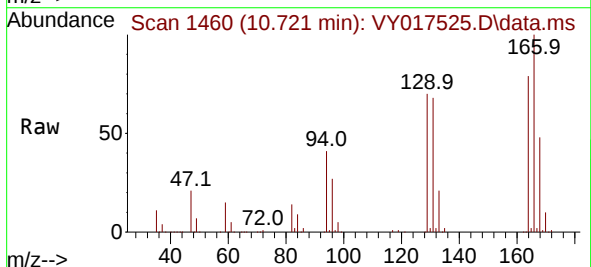
Ion Ratio Lower Upper

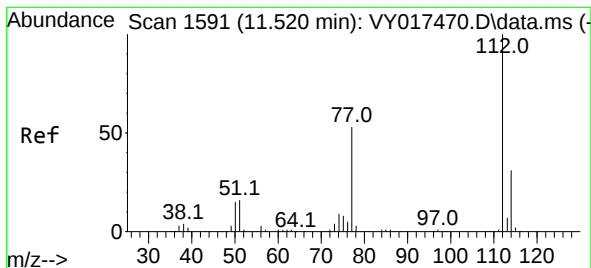
164 100

166 126.2 102.6 154.0

129 87.9 72.0 108.0

131 85.7 70.0 105.0

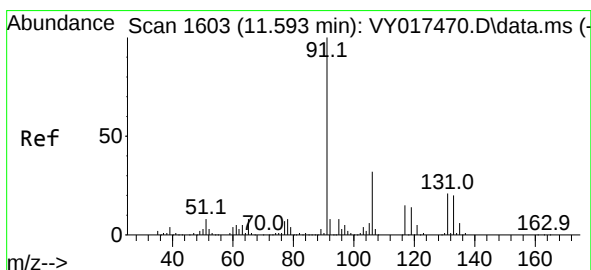
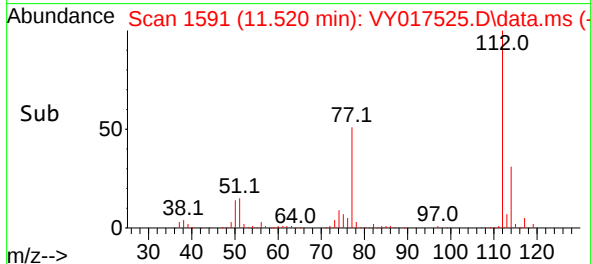
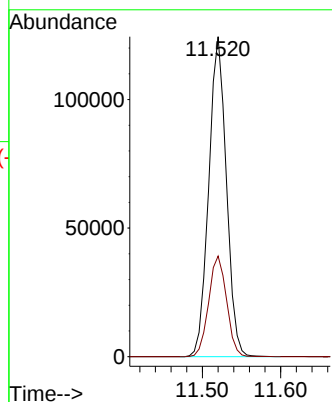
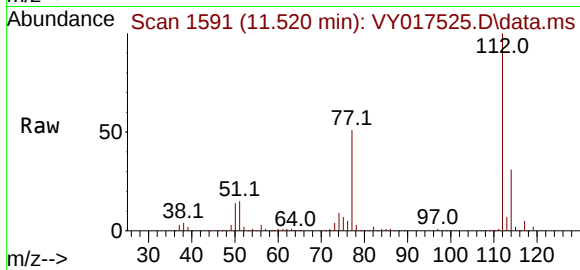




#65
Chlorobenzene
Concen: 48.248 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

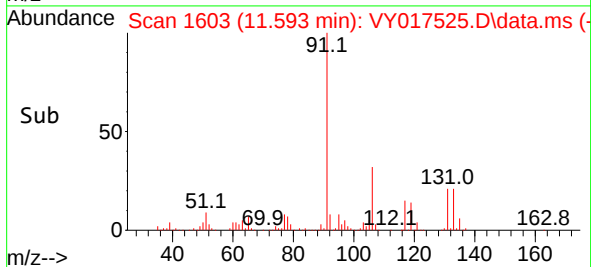
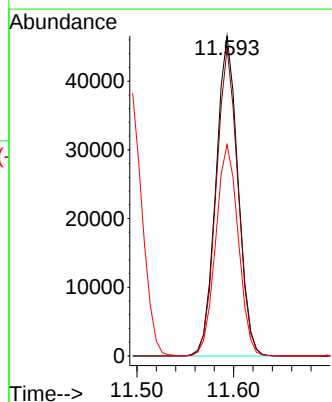
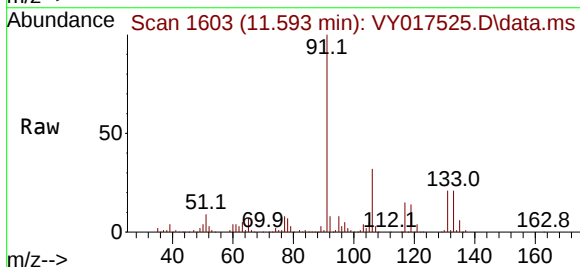
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

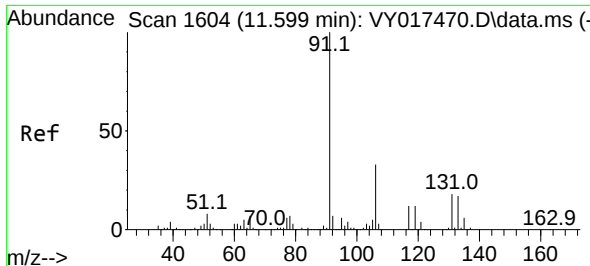
Tgt Ion:112 Resp: 194263
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.886 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion:131 Resp: 73740
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 67.5 34.1 102.2

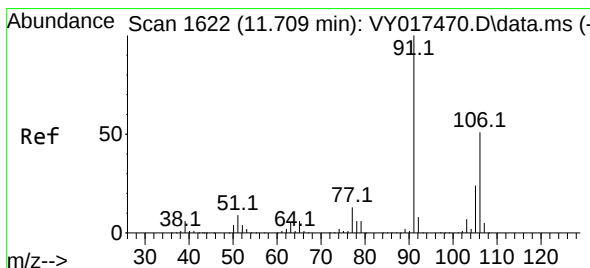
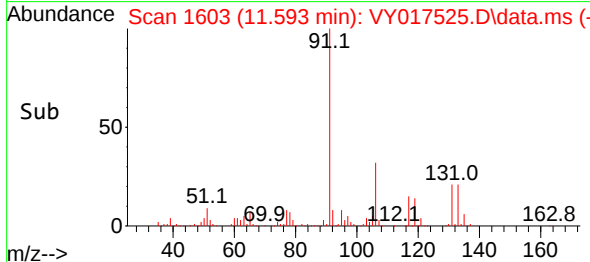
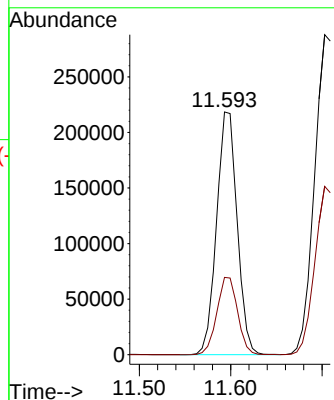
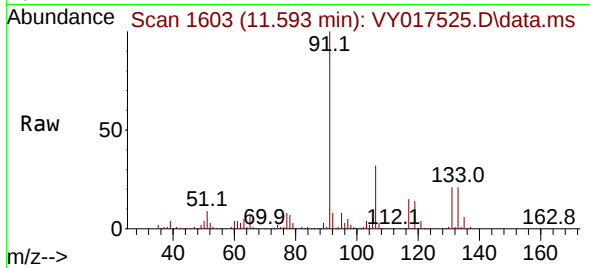




#67
Ethyl Benzene
Concen: 48.460 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

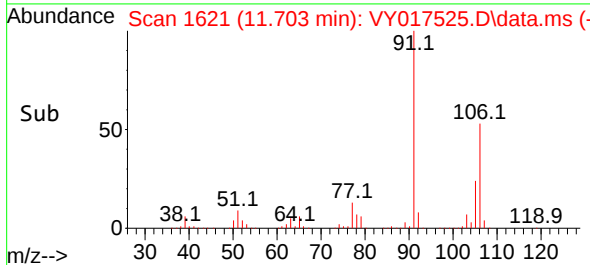
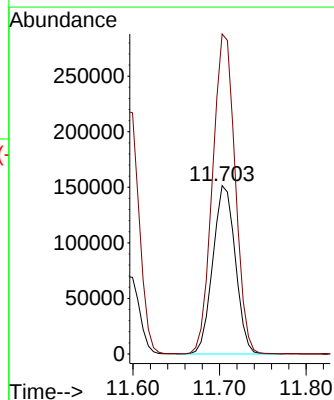
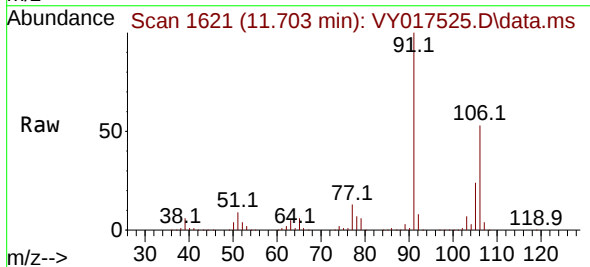
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 342185
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 98.413 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion:106 Resp: 273061
Ion Ratio Lower Upper
106 100
91 191.6 156.0 234.0

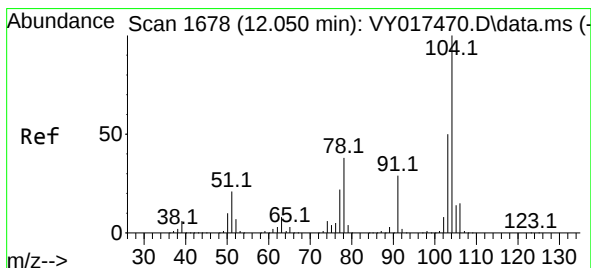
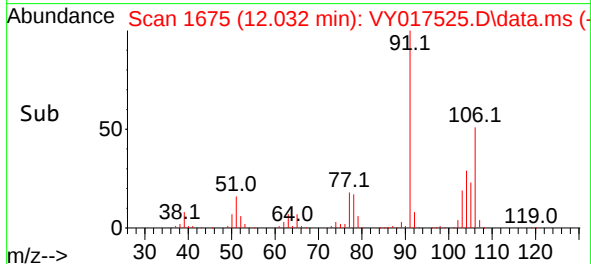
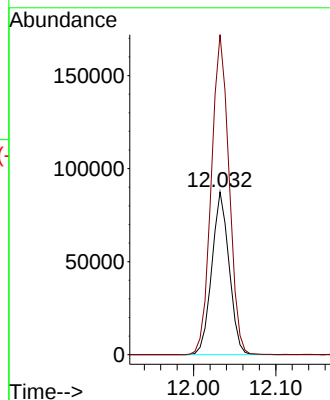
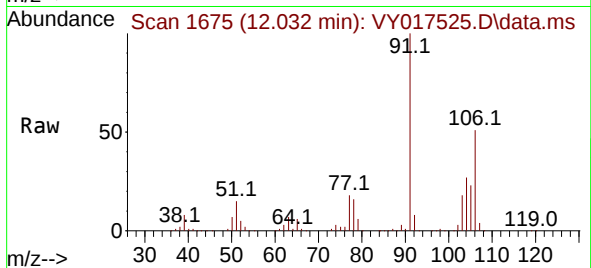




#69
o-Xylene
Concen: 49.584 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

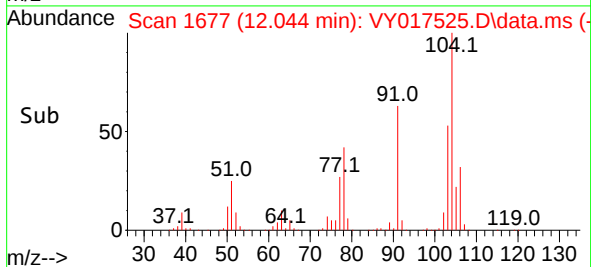
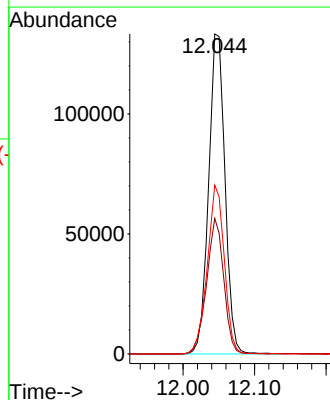
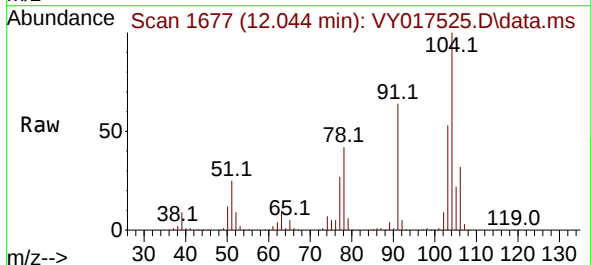
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

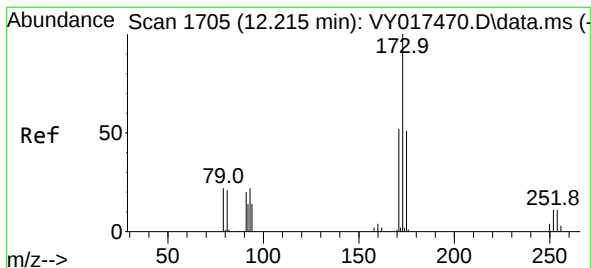
Tgt Ion:106 Resp: 127636
Ion Ratio Lower Upper
106 100
91 202.3 103.6 310.8



#70
Styrene
Concen: 49.639 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion:104 Resp: 212097
Ion Ratio Lower Upper
104 100
78 44.4 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 49.539 ug/l

RT: 12.209 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

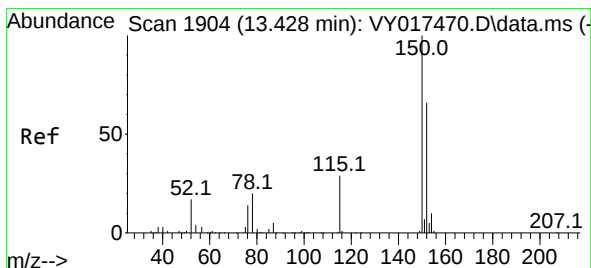
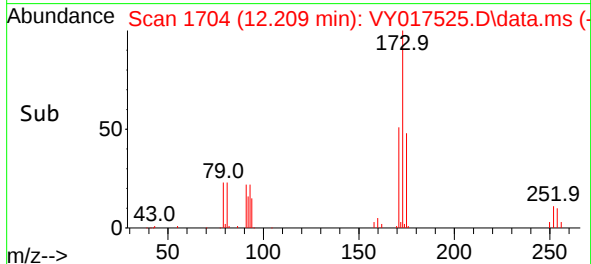
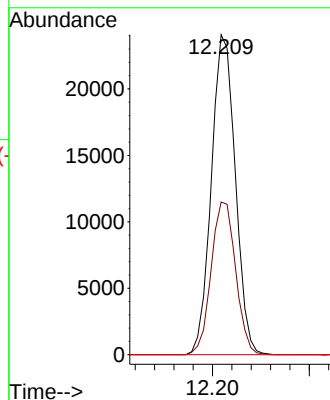
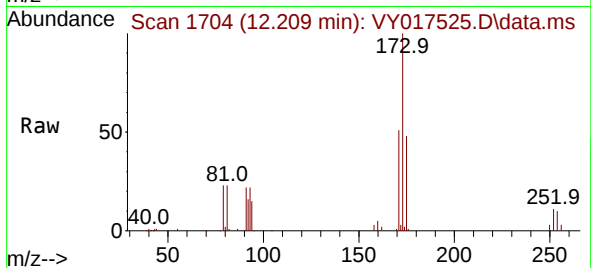
Tgt Ion:173 Resp: 41409

Ion Ratio Lower Upper

173 100

175 48.8 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: VY017525.D

Acq: 28 Feb 2024 17:04

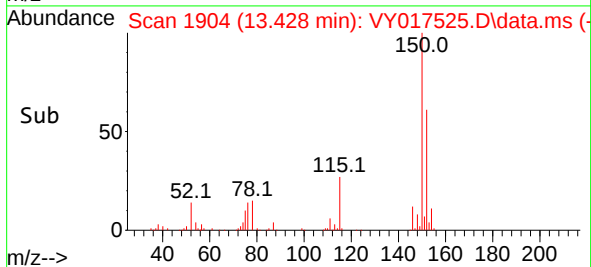
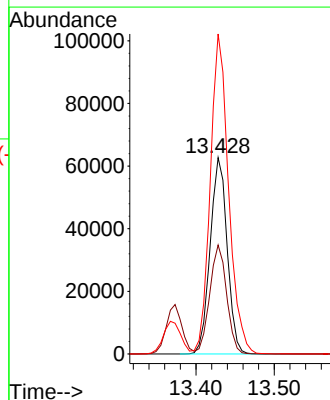
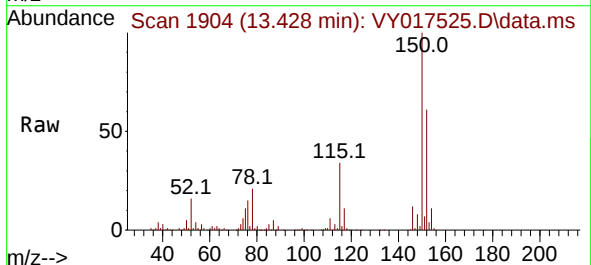
Tgt Ion:152 Resp: 94474

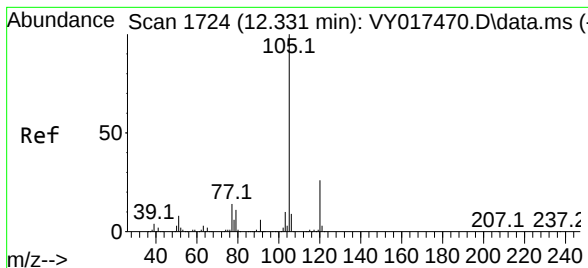
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 175.7 0.0 345.6





#73

Isopropylbenzene

Concen: 46.958 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

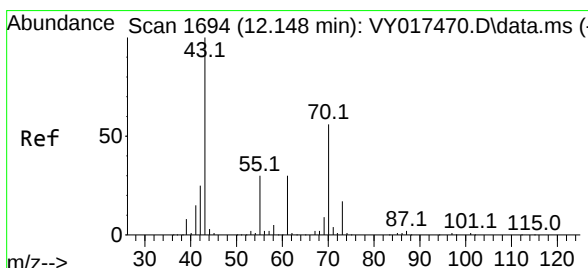
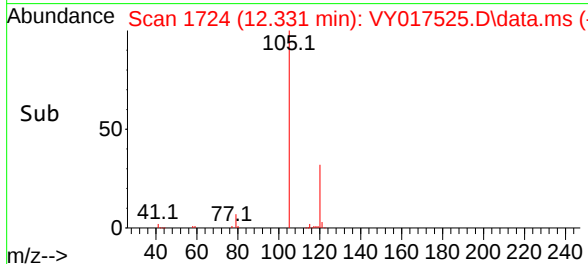
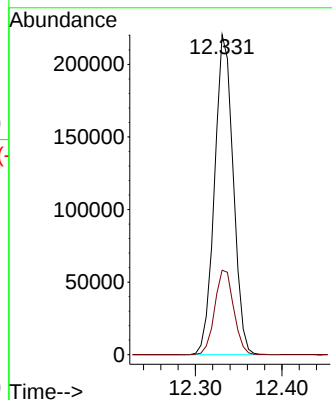
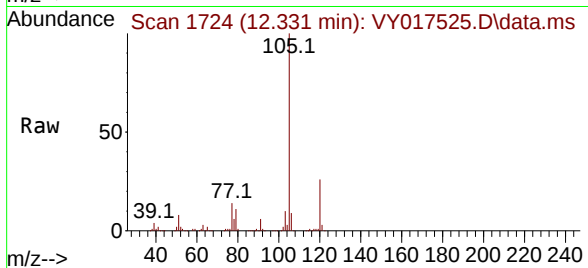
VSTDCCC050EC

Tgt Ion:105 Resp: 329592

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 45.176 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion: 43 Resp: 55924

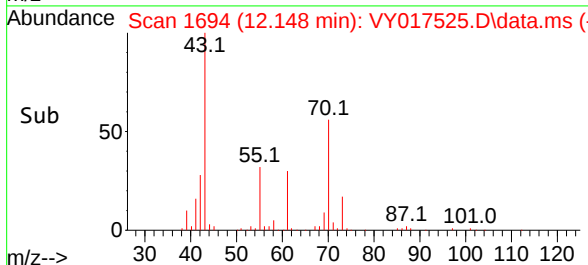
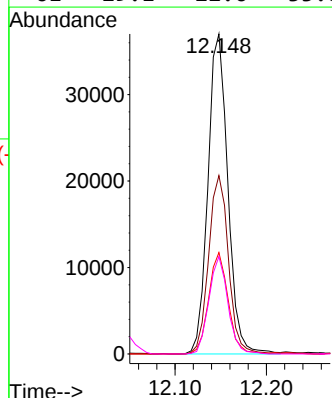
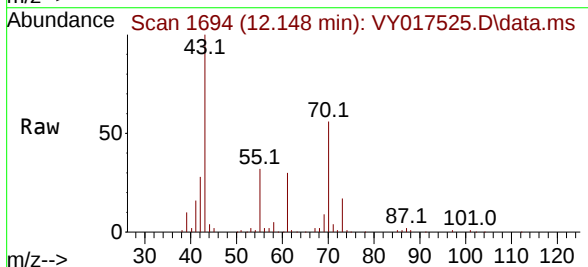
Ion Ratio Lower Upper

43 100

70 55.6 41.4 62.2

55 31.2 23.3 34.9

61 29.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.764 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

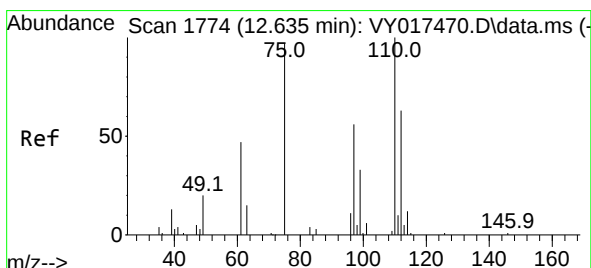
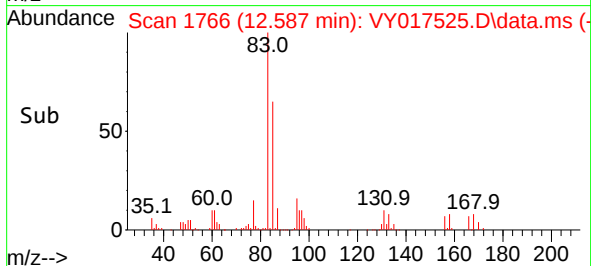
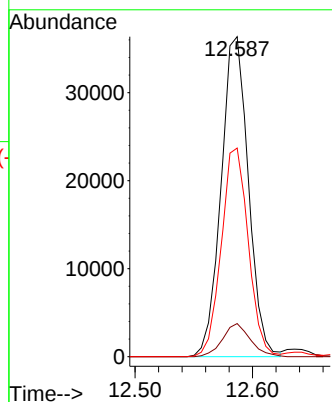
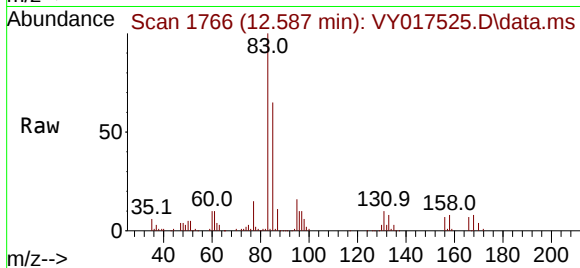
Tgt Ion: 83 Resp: 58774

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 42.779 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017525.D

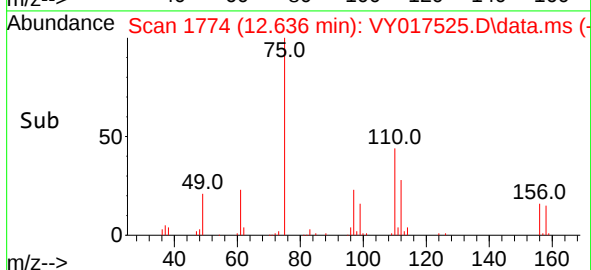
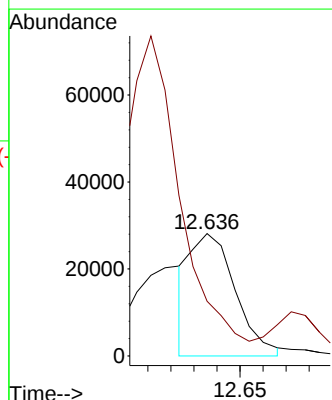
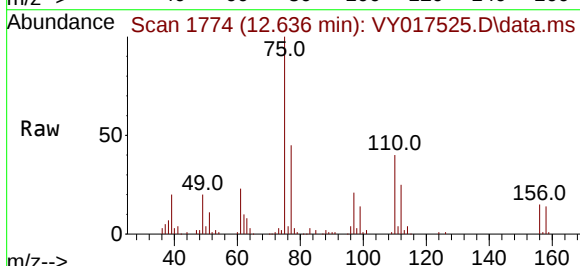
Acq: 28 Feb 2024 17:04

Tgt Ion: 75 Resp: 38400

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.453 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

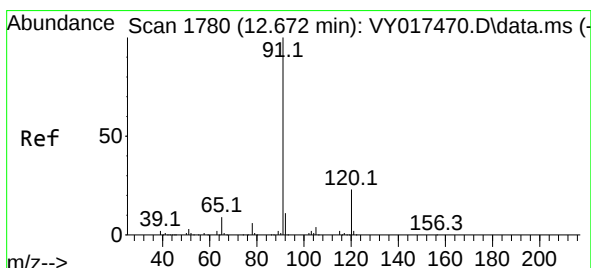
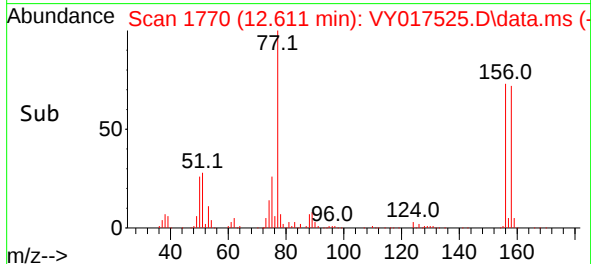
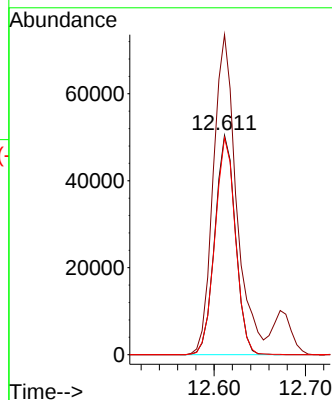
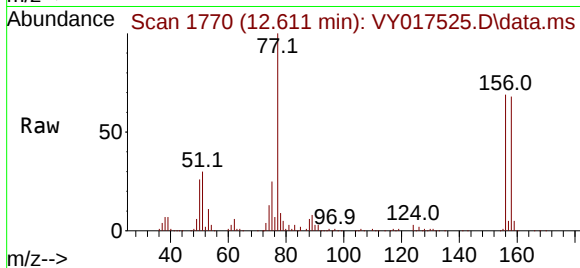
Tgt Ion:156 Resp: 78959

Ion Ratio Lower Upper

156 100

77 163.6 87.1 261.3

158 98.8 48.6 145.9



#78

n-propylbenzene

Concen: 46.993 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017525.D

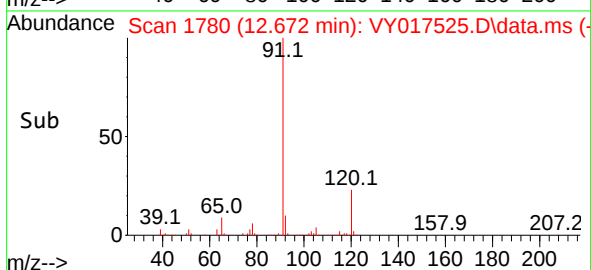
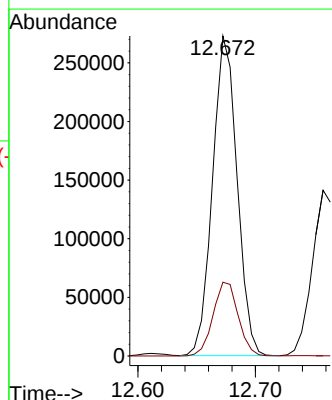
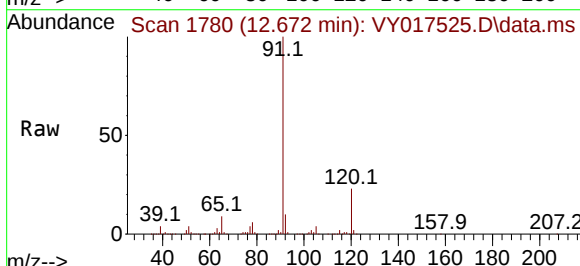
Acq: 28 Feb 2024 17:04

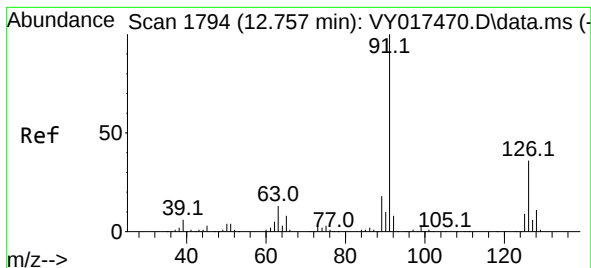
Tgt Ion: 91 Resp: 395770

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

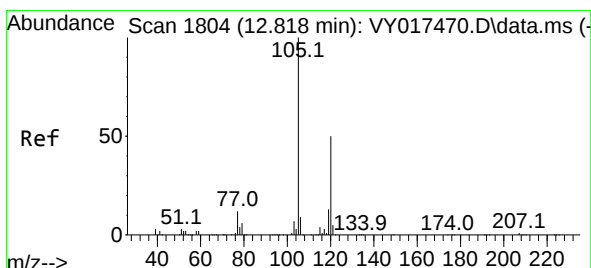
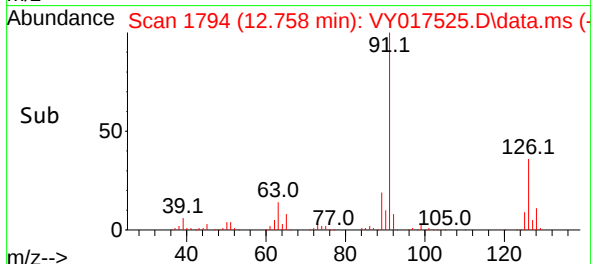
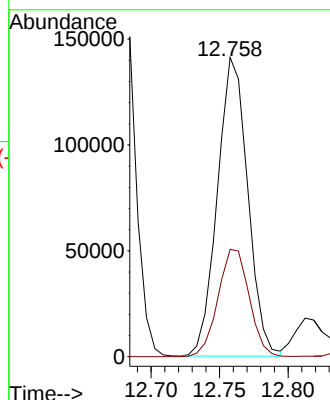
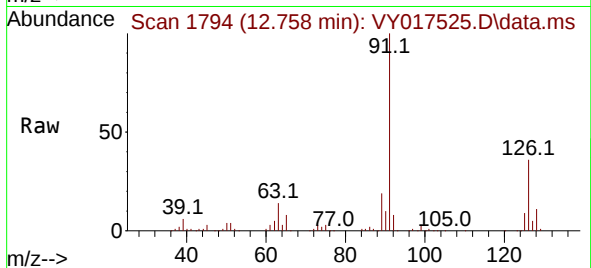




#79
2-Chlorotoluene
Concen: 46.225 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

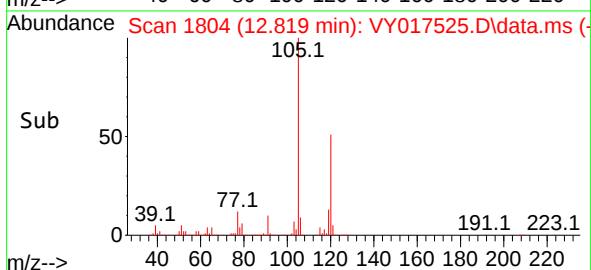
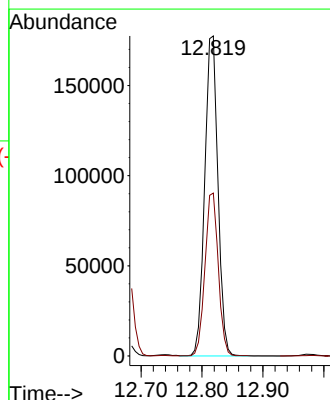
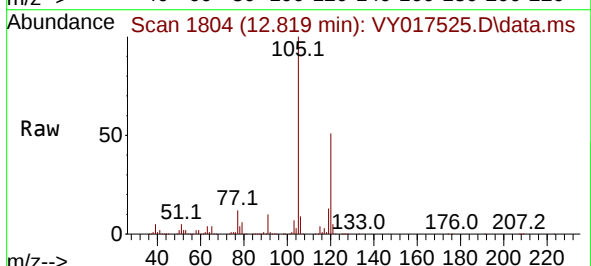
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

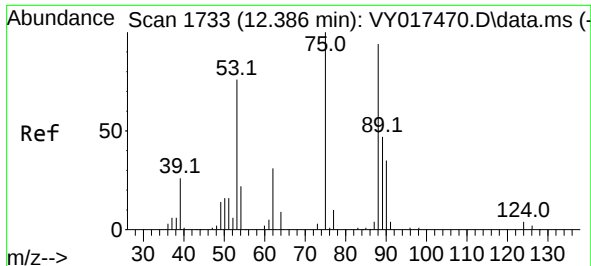
Tgt Ion: 91 Resp: 217961
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 47.629 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 105 Resp: 267827
Ion Ratio Lower Upper
105 100
120 51.4 25.1 75.2

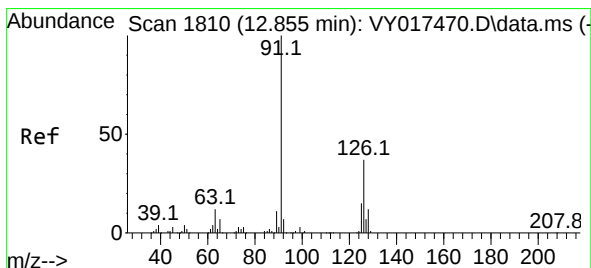
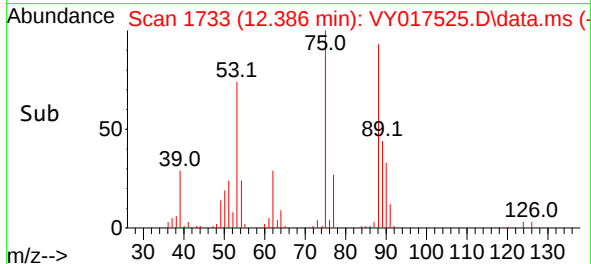
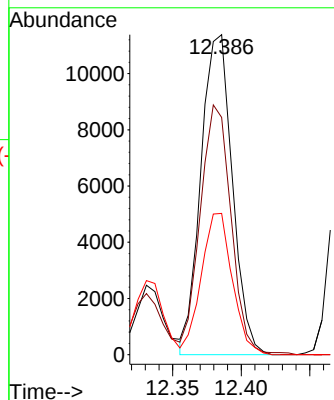
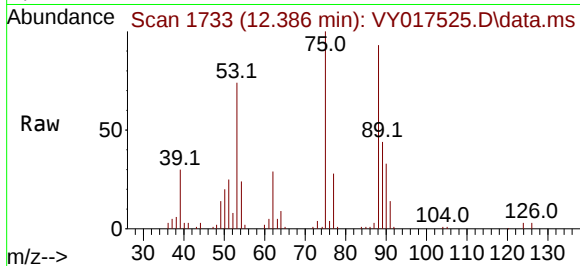




#81
trans-1,4-Dichloro-2-butene
Concen: 46.401 ug/l
RT: 12.386 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

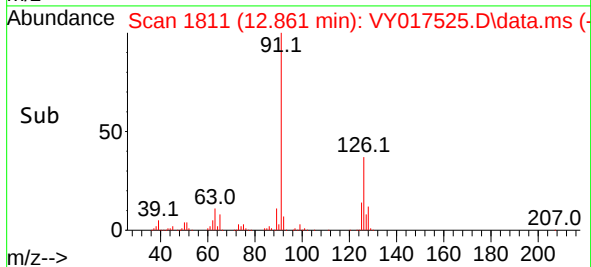
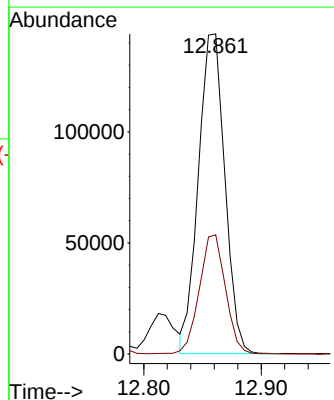
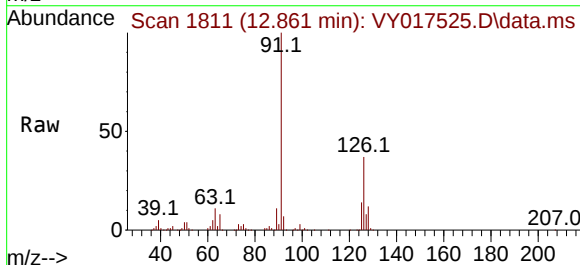
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

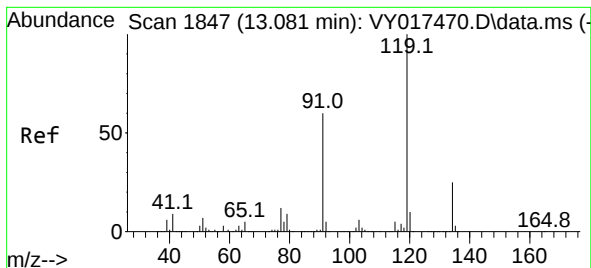
Tgt Ion: 75 Resp: 18127
Ion Ratio Lower Upper
75 100
53 76.7 66.8 100.2
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 46.775 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 91 Resp: 225586
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 48.313 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

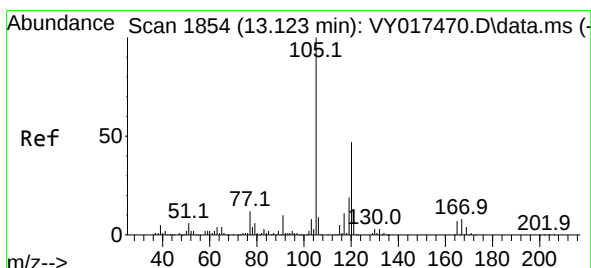
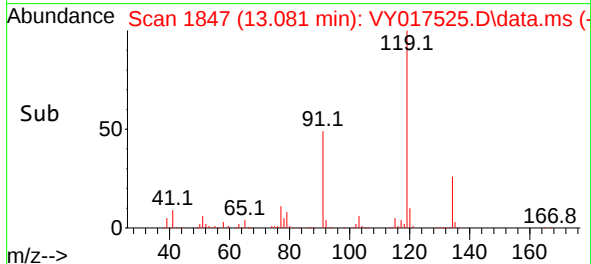
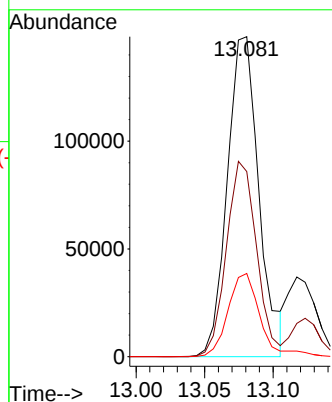
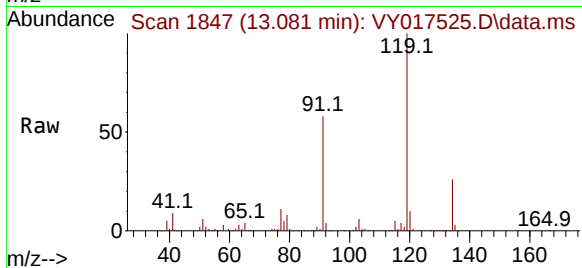
Tgt Ion:119 Resp: 238560

Ion Ratio Lower Upper

119 100

91 58.6 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.693 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017525.D

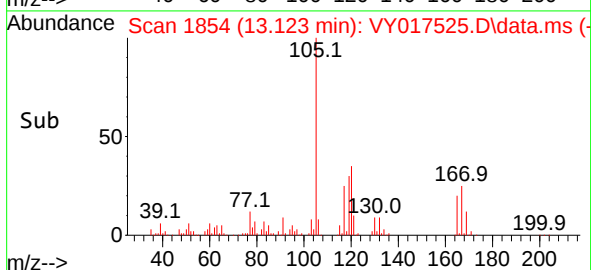
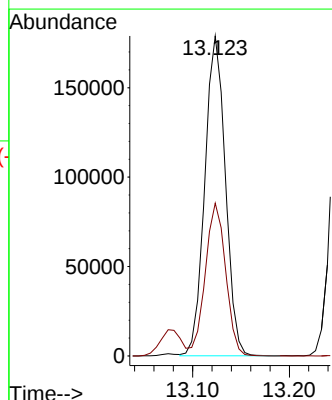
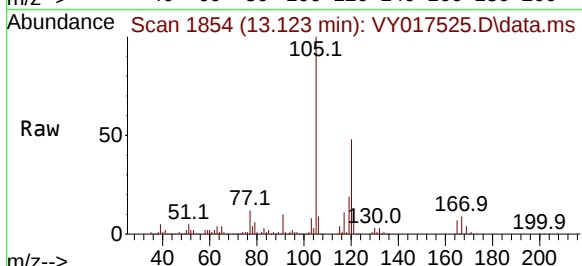
Acq: 28 Feb 2024 17:04

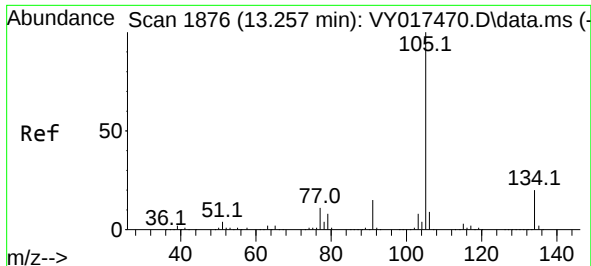
Tgt Ion:105 Resp: 264768

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.770 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

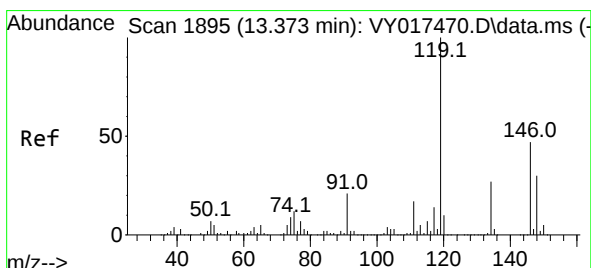
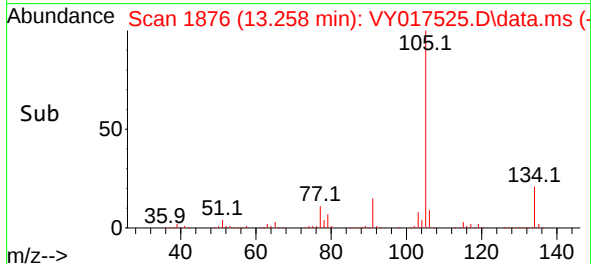
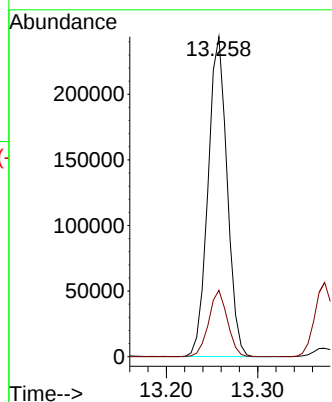
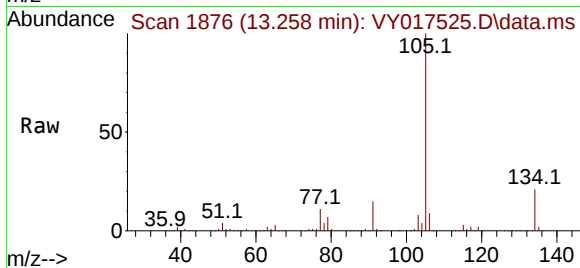
VSTDCCC050EC

Tgt Ion:105 Resp: 353088

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.549 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

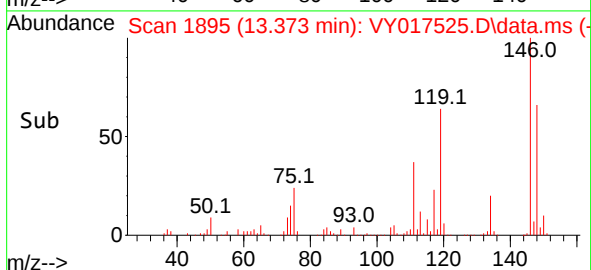
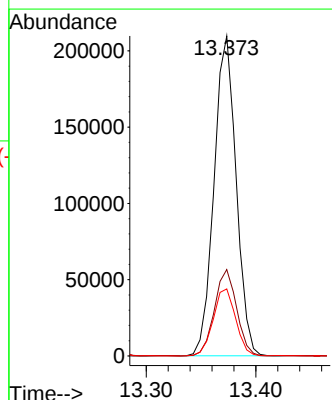
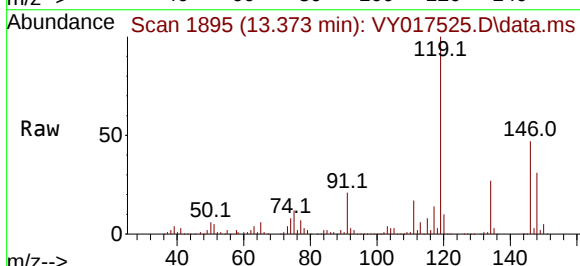
Tgt Ion:119 Resp: 293853

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.144 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

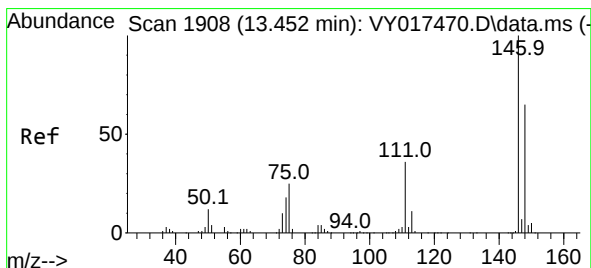
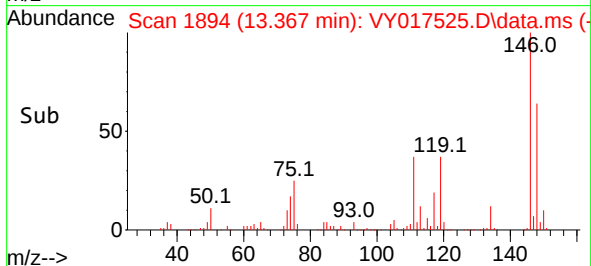
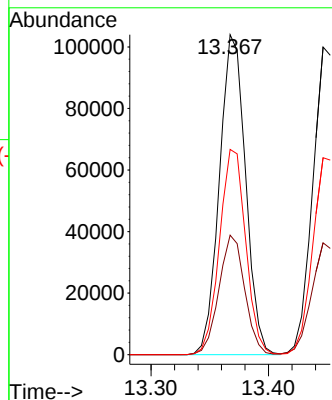
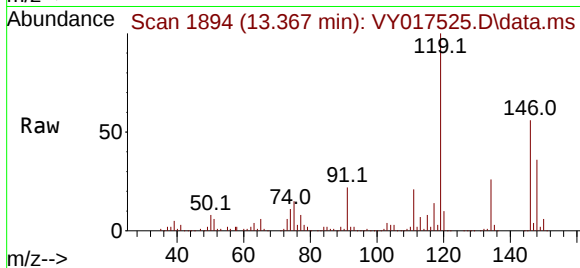
Tgt Ion:146 Resp: 160844

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 46.830 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

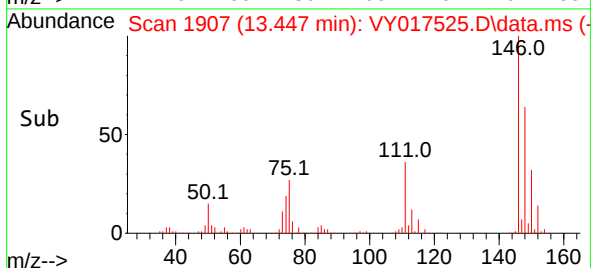
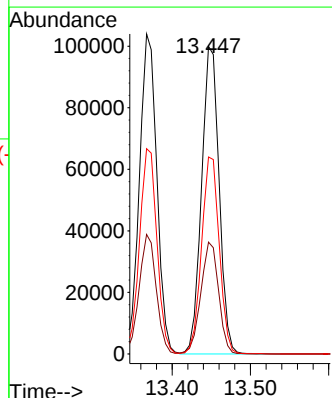
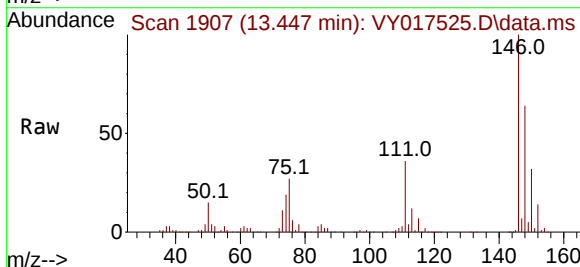
Tgt Ion:146 Resp: 155331

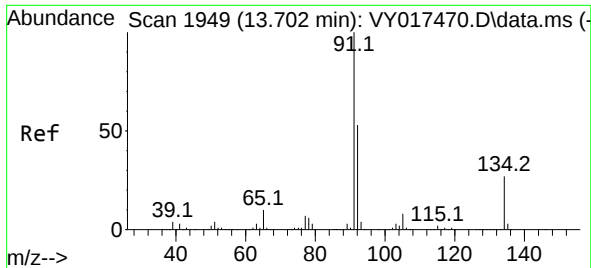
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 64.7 32.4 97.2

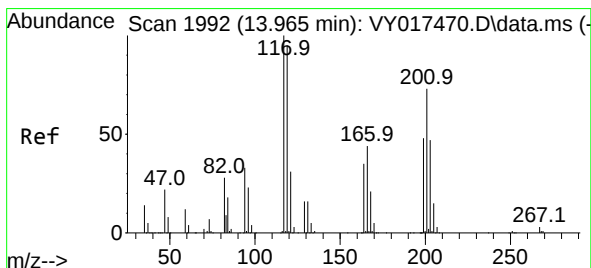
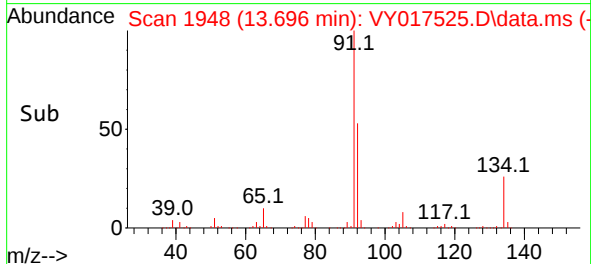
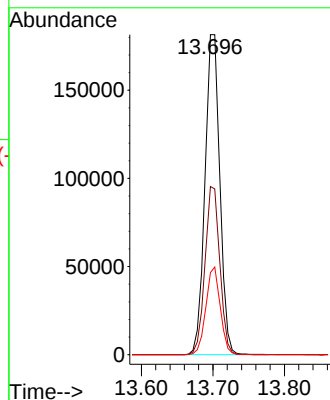
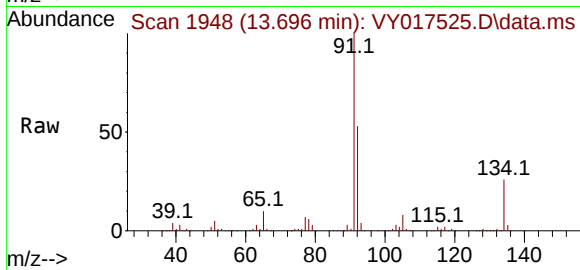




#89
n-Butylbenzene
Concen: 46.598 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

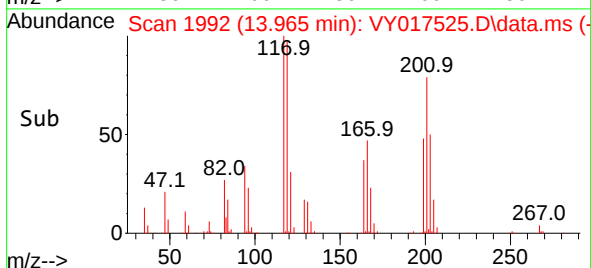
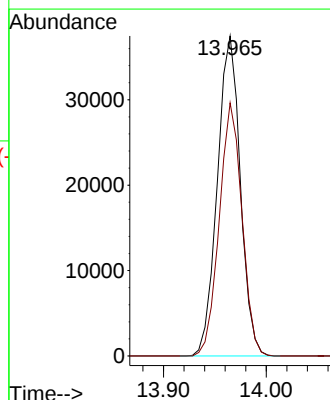
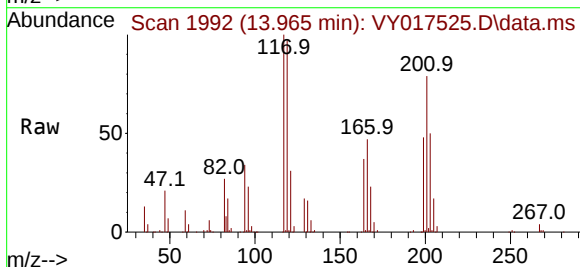
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

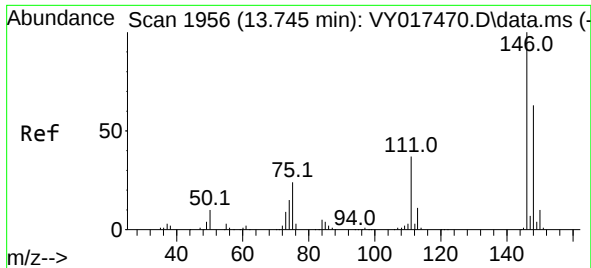
Tgt Ion: 91 Resp: 262739
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 26.4 12.9 38.7



#90
Hexachloroethane
Concen: 46.913 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 117 Resp: 58124
Ion Ratio Lower Upper
117 100
201 78.0 37.4 112.2

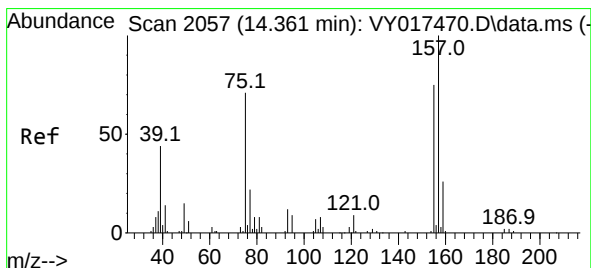
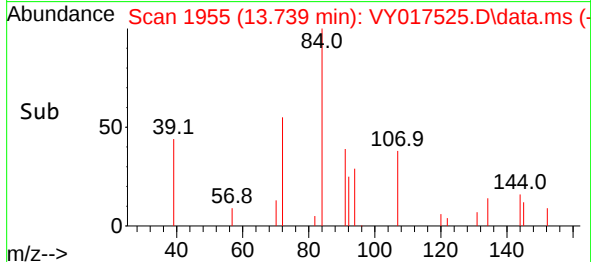
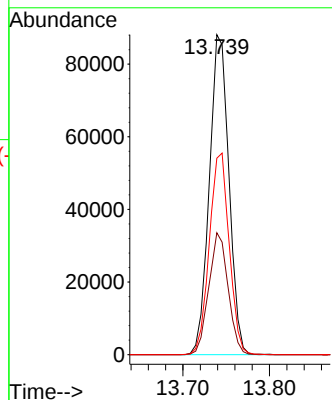
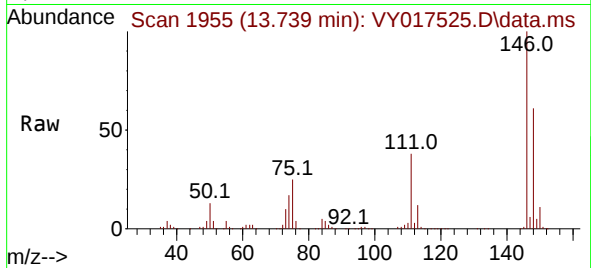




#91
1,2-Dichlorobenzene
Concen: 47.955 ug/l
RT: 13.739 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

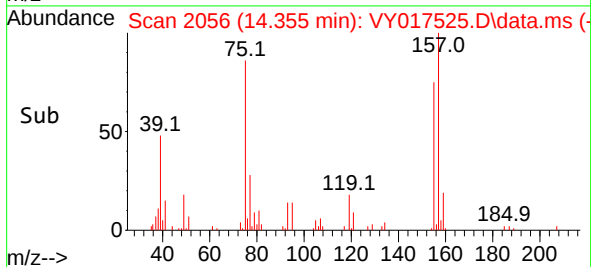
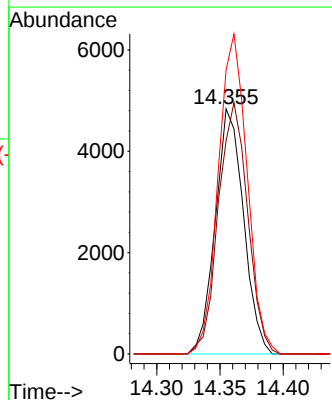
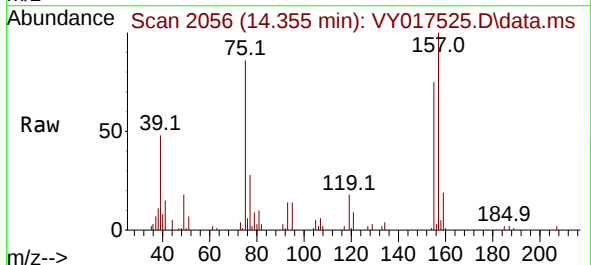
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

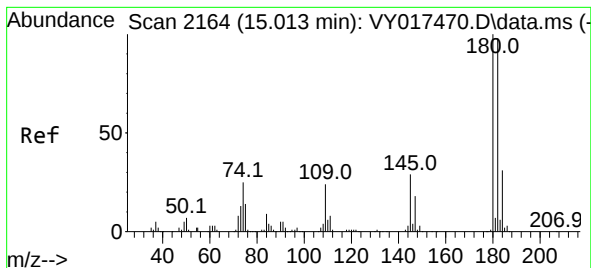
Tgt Ion:146 Resp: 138390
Ion Ratio Lower Upper
146 100
111 37.6 19.9 59.7
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.298 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017525.D
Acq: 28 Feb 2024 17:04

Tgt Ion: 75 Resp: 7506
Ion Ratio Lower Upper
75 100
155 106.6 48.6 145.8
157 132.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.144 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

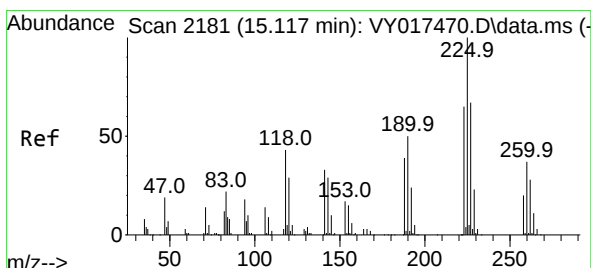
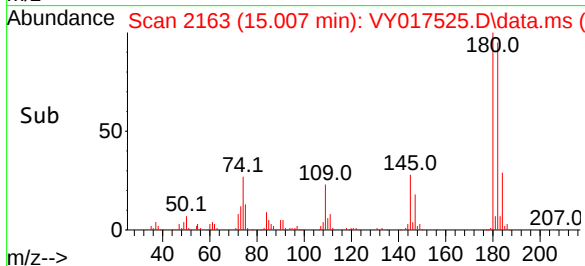
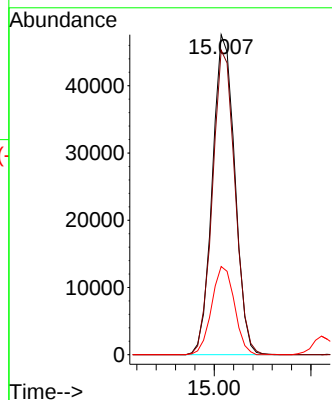
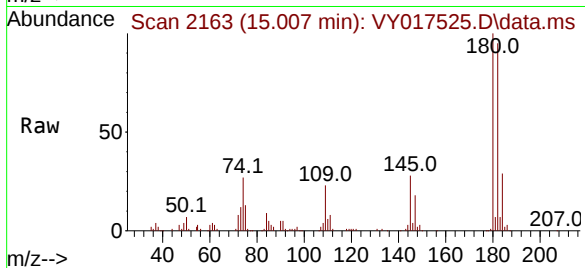
Tgt Ion:180 Resp: 76435

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.212 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

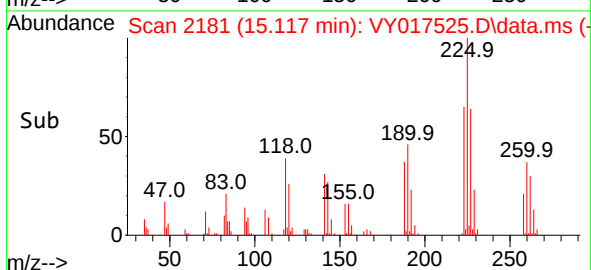
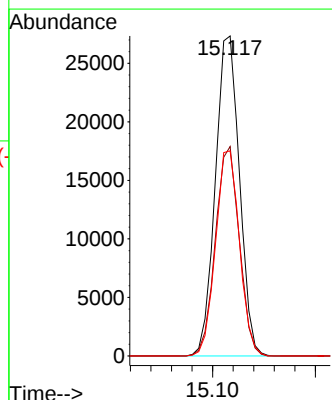
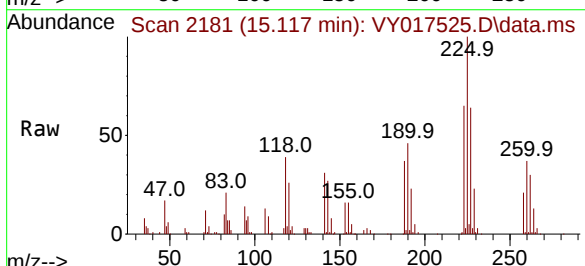
Tgt Ion:225 Resp: 44432

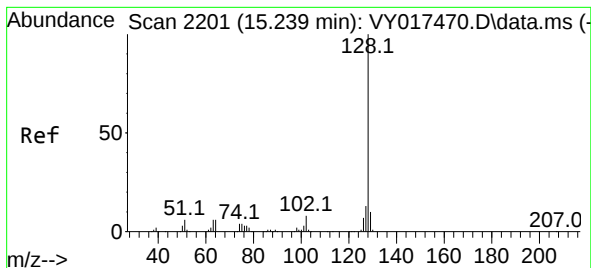
Ion Ratio Lower Upper

225 100

223 64.7 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 45.277 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

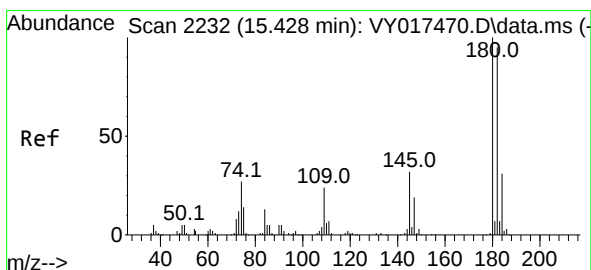
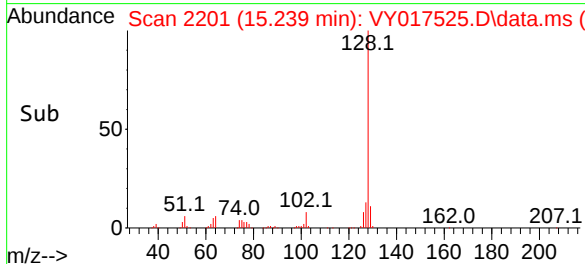
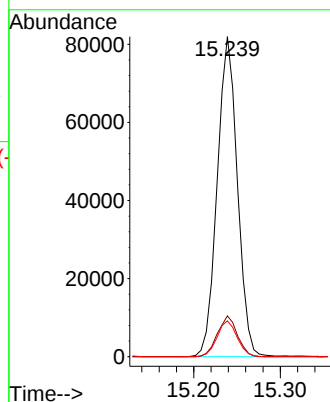
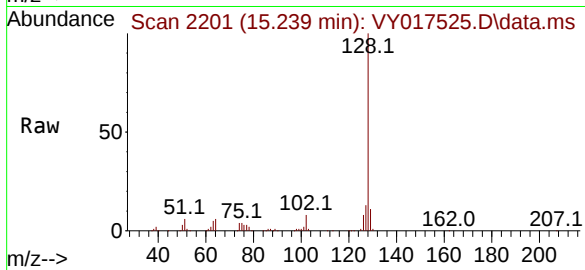
Tgt Ion:128 Resp: 132544

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.728 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017525.D

Acq: 28 Feb 2024 17:04

Tgt Ion:180 Resp: 66335

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 30.1 15.4 46.1

