

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017964.D
 Acq On : 18 Apr 2024 09:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 01:55:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	412614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	638080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	558080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	260029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.148	65	178186	49.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.80%
35) Dibromofluoromethane	7.721	113	207621	52.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.48%
50) Toluene-d8	10.184	98	807974	54.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.18%
62) 4-Bromofluorobenzene	12.489	95	242932	52.51	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.02%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	162289	49.58	ug/l	99
3) Chloromethane	2.119	50	230819	42.56	ug/l	99
4) Vinyl Chloride	2.259	62	267577	43.77	ug/l	97
5) Bromomethane	2.661	94	185594	45.61	ug/l	96
6) Chloroethane	2.802	64	172833	44.78	ug/l	98
7) Trichlorofluoromethane	3.137	101	328065	47.62	ug/l	96
8) Diethyl Ether	3.539	74	109981	50.52	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	212419	49.51	ug/l	97
10) Methyl Iodide	4.100	142	302053	52.92	ug/l	98
11) Tert butyl alcohol	4.966	59	54354	210.49	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	210846	50.62	ug/l	98
13) Acrolein	3.740	56	93378	335.79	ug/l	100
14) Allyl chloride	4.490	41	277819	51.54	ug/l	93
15) Acrylonitrile	5.173	53	220380	249.31	ug/l	99
16) Acetone	3.954	43	184483	261.49	ug/l	94
17) Carbon Disulfide	4.204	76	659567	49.78	ug/l	100
18) Methyl Acetate	4.484	43	84667	45.62	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	458307	50.49	ug/l	99
20) Methylene Chloride	4.728	84	242757	50.79	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	232833	51.03	ug/l	99
22) Diisopropyl ether	6.124	45	619802	52.45	ug/l	96
23) Vinyl Acetate	6.069	43	1826008	260.59	ug/l	99
24) 1,1-Dichloroethane	6.027	63	389272	50.45	ug/l	99
25) 2-Butanone	6.990	43	267843	258.28	ug/l	96
26) 2,2-Dichloropropane	6.990	77	315101	50.91	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	272291	52.25	ug/l	99
28) Bromochloromethane	7.343	49	159741	52.63	ug/l	100
29) Tetrahydrofuran	7.356	42	161644	245.63	ug/l	96
30) Chloroform	7.514	83	399032	50.61	ug/l	99
31) Cyclohexane	7.795	56	328350	48.11	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	331965	50.55	ug/l	98
36) 1,1-Dichloropropene	7.923	75	290880	50.81	ug/l	99
37) Ethyl Acetate	7.081	43	117365	49.83	ug/l	98
38) Carbon Tetrachloride	7.910	117	299366	51.76	ug/l	99
39) Methylcyclohexane	9.191	83	380517	51.00	ug/l	96
40) Benzene	8.167	78	932764	52.02	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	85693	57.66	ug/l #	31
42) 1,2-Dichloroethane	8.240	62	208728	50.80	ug/l	99
43) Isopropyl Acetate	8.276	43	215999	49.20	ug/l	99
44) Trichloroethene	8.947	130	237810	52.19	ug/l	98
45) 1,2-Dichloropropane	9.221	63	211893	51.33	ug/l	99
46) Dibromomethane	9.313	93	117790	51.59	ug/l	97
47) Bromodichloromethane	9.502	83	298179	52.05	ug/l	97
48) Methyl methacrylate	9.294	41	100853	50.13	ug/l	97
49) 1,4-Dioxane	9.300	88	24630	944.90	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	589079	253.09	ug/l	100
52) Toluene	10.252	92	585477	53.21	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	272919	52.19	ug/l	98
54) cis-1,3-Dichloropropene	9.934	75	335988	52.30	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	158807	51.16	ug/l	96
56) Ethyl methacrylate	10.514	69	211565	52.28	ug/l	98
57) 1,3-Dichloropropane	10.794	76	271537	51.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	541717	257.55	ug/l	99
59) 2-Hexanone	10.837	43	428071	269.42	ug/l	99
60) Dibromochloromethane	10.989	129	209111	52.42	ug/l	100
61) 1,2-Dibromoethane	11.093	107	148685	51.40	ug/l	99
64) Tetrachloroethene	10.727	164	208919	52.26	ug/l	97
65) Chlorobenzene	11.520	112	642297	52.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	212768	52.75	ug/l	99
67) Ethyl Benzene	11.599	91	1099299	53.38	ug/l	97
68) m/p-Xylenes	11.709	106	847166	107.10	ug/l	99
69) o-Xylene	12.038	106	400995	54.29	ug/l	99
70) Styrene	12.050	104	686198	54.96	ug/l	99
71) Bromoform	12.215	173	120366	51.65	ug/l #	100
73) Isopropylbenzene	12.336	105	1027364	54.22	ug/l	99
74) N-amyl acetate	12.148	43	191649	50.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.586	83	177650	50.27	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	213832	87.63	ug/l #	100
77) Bromobenzene	12.617	156	247902	54.07	ug/l	96
78) n-propylbenzene	12.678	91	1235473	53.74	ug/l	99
79) 2-Chlorotoluene	12.763	91	684437	53.19	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	816860	54.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	61327	51.82	ug/l	98
82) 4-Chlorotoluene	12.861	91	702460	52.71	ug/l	98
83) tert-Butylbenzene	13.080	119	739294	53.88	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	810397	54.16	ug/l	99
85) sec-Butylbenzene	13.257	105	1090835	52.93	ug/l	98
86) p-Isopropyltoluene	13.373	119	908142	53.62	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	476032	52.33	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	463713	51.92	ug/l	98
89) n-Butylbenzene	13.702	91	840169	52.73	ug/l	99
90) Hexachloroethane	13.964	117	179983	51.83	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	406723	51.82	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20926	46.04	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	231113	50.56	ug/l	100
94) Hexachlorobutadiene	15.116	225	138821	51.20	ug/l	99
95) Naphthalene	15.245	128	380106	50.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	192891	50.29	ug/l	99

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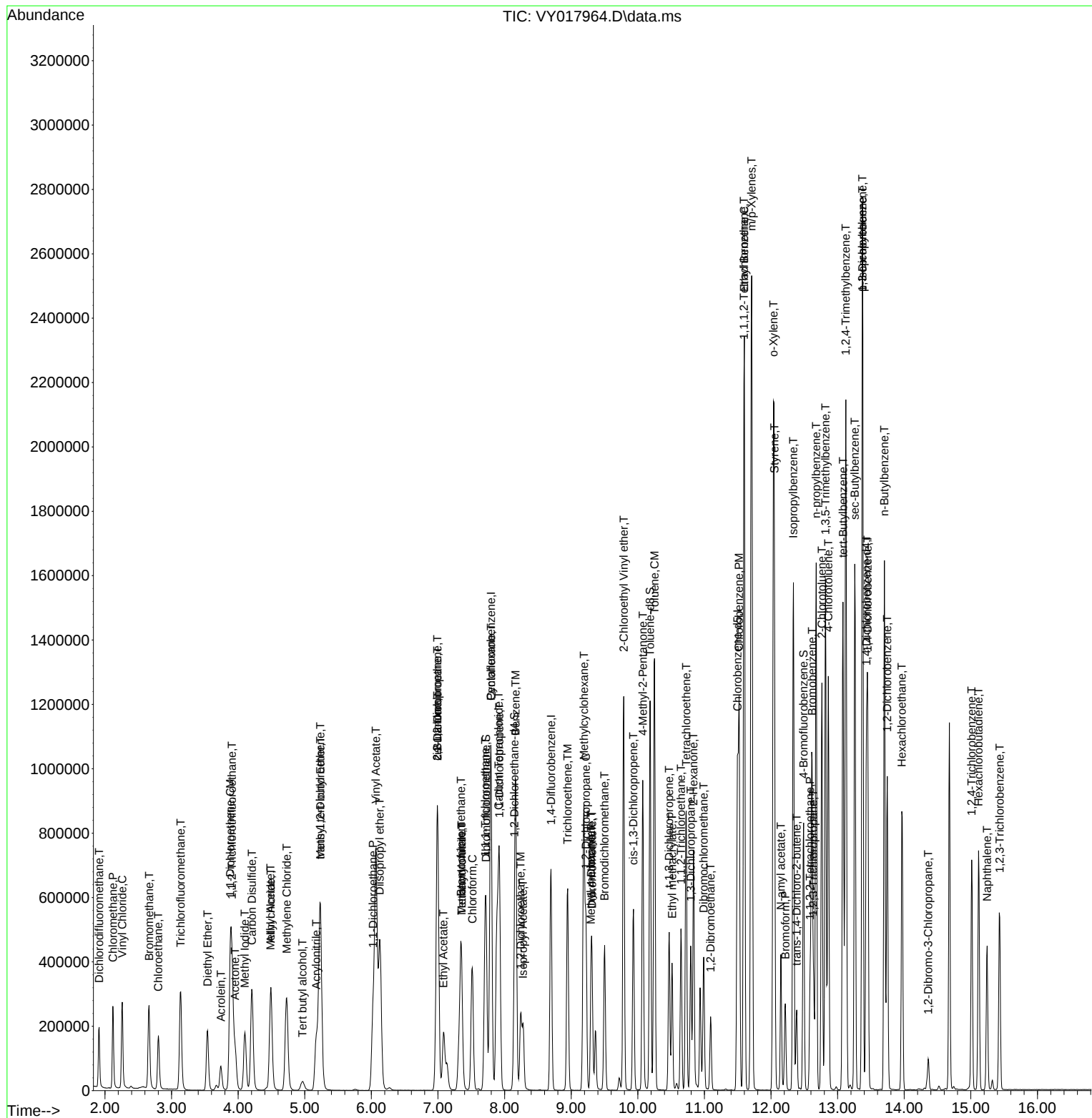
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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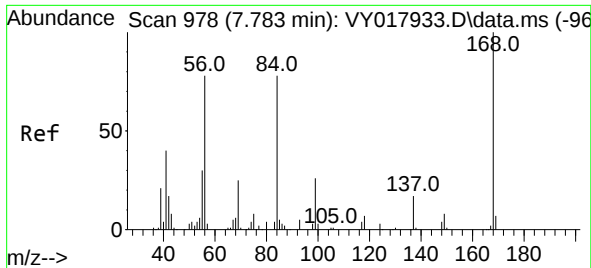
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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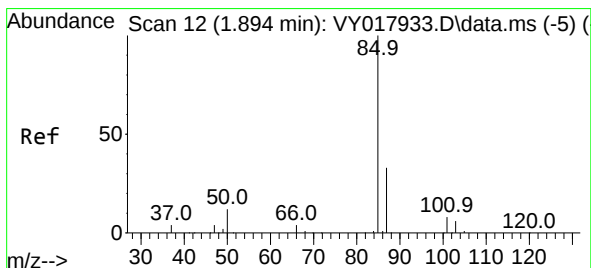
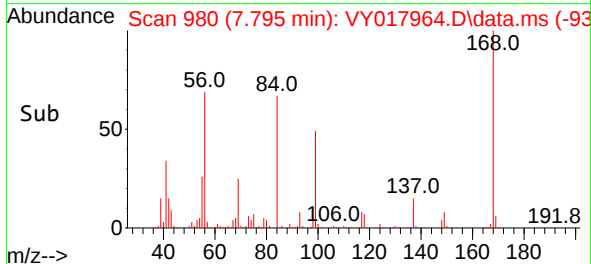
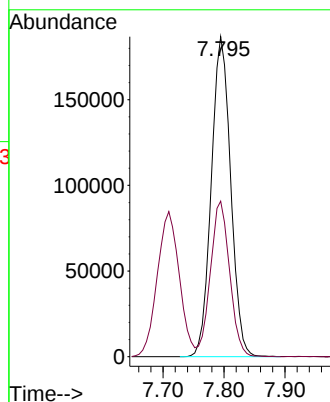
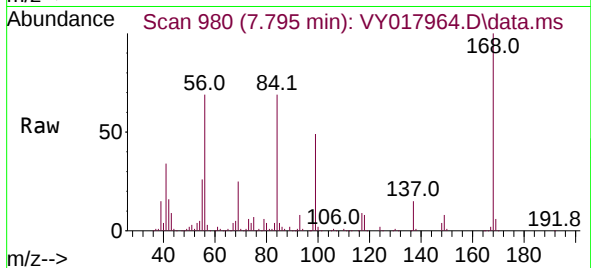




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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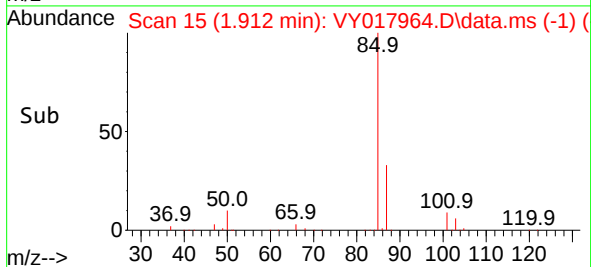
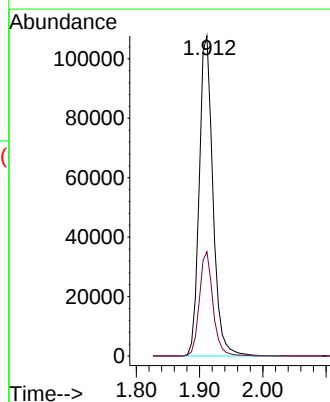
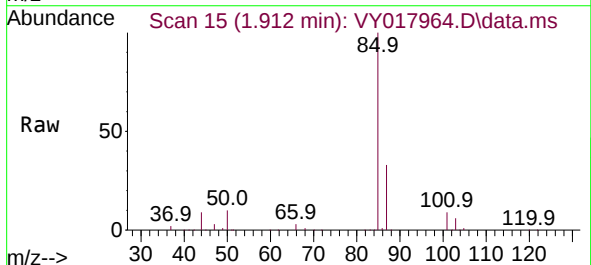
Instrument :
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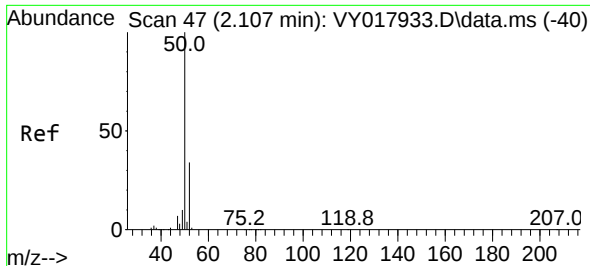
Tgt Ion:168 Resp: 412614
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 49.58 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 85 Resp: 162289
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

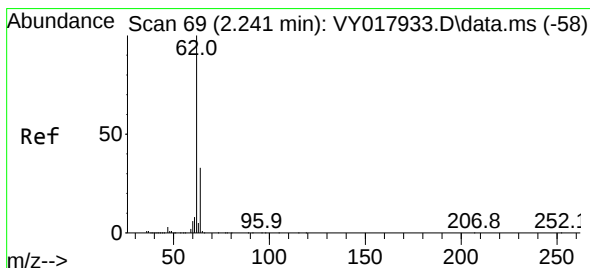
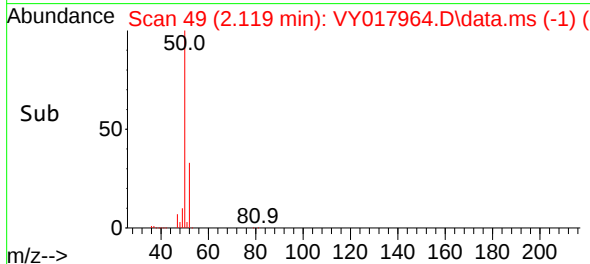
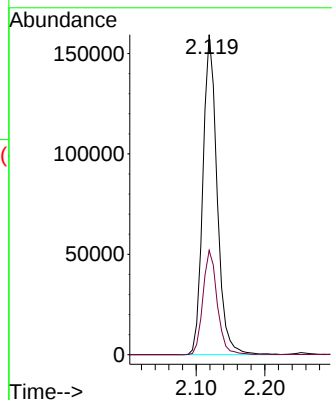
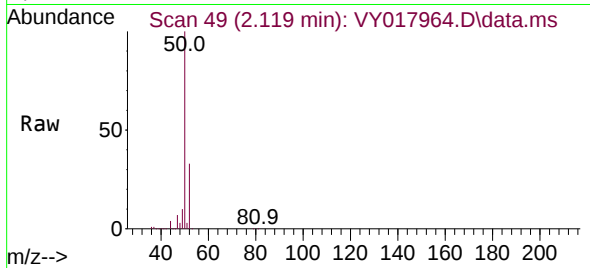




#3
Chloromethane
Concen: 42.56 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

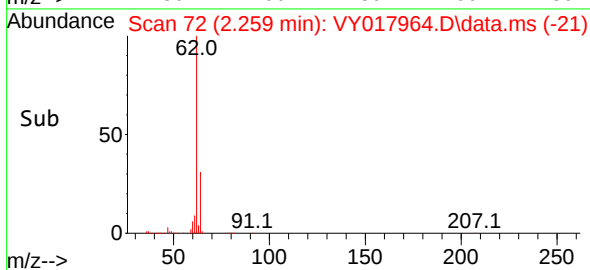
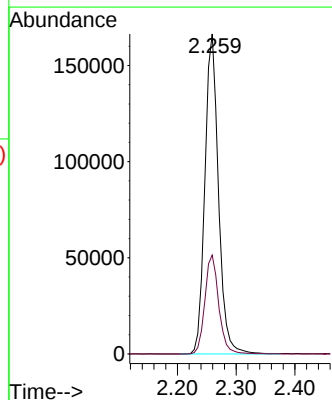
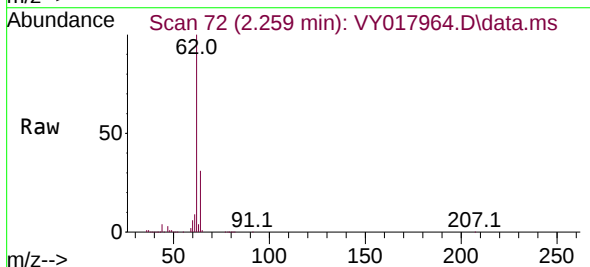
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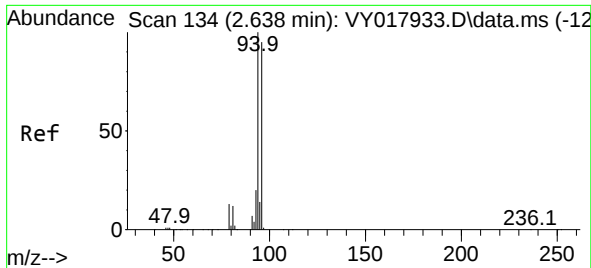
Tgt Ion: 50 Resp: 230819
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 43.77 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 62 Resp: 267577
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

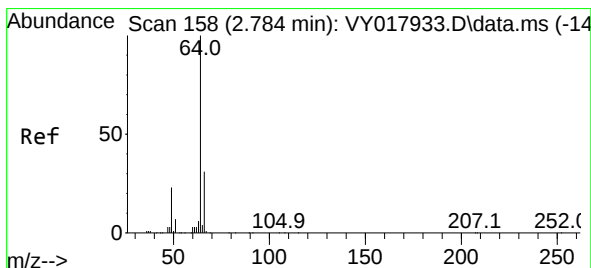
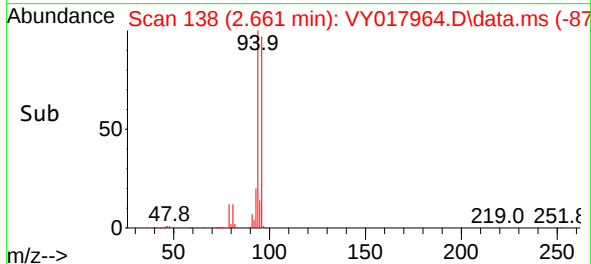
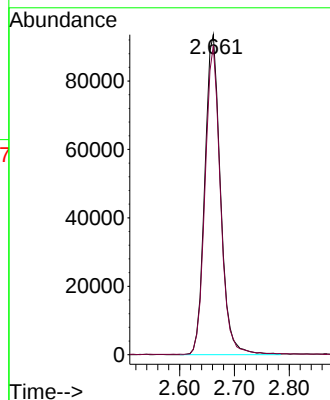
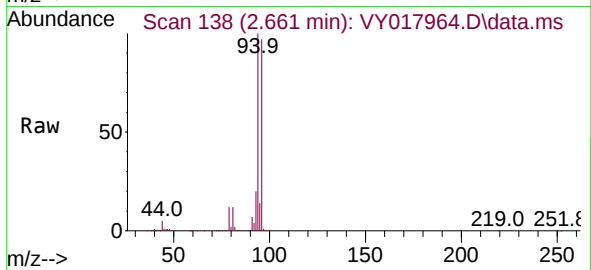




#5
Bromomethane
Concen: 45.61 ug/l
RT: 2.661 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017964.D
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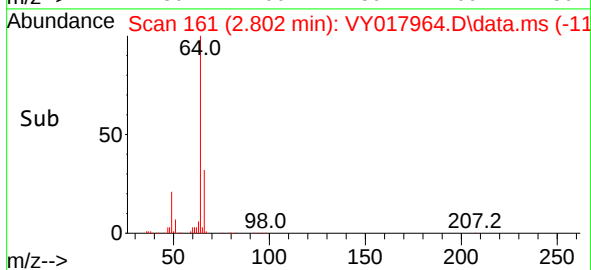
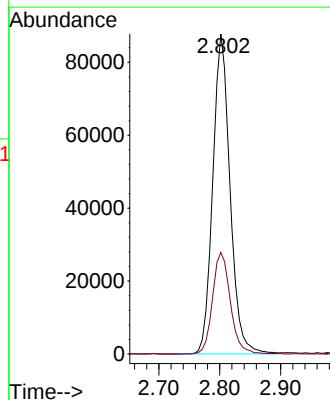
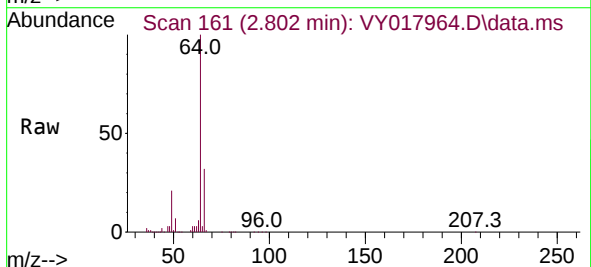
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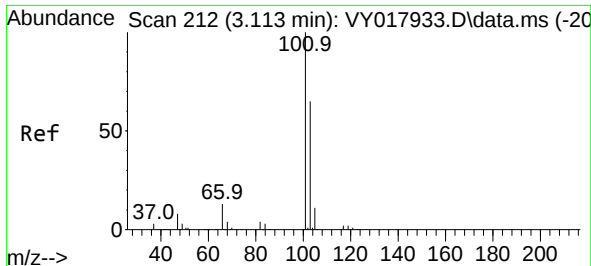
Tgt Ion: 94 Resp: 185594
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 44.78 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017964.D
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Tgt Ion: 64 Resp: 172833
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1

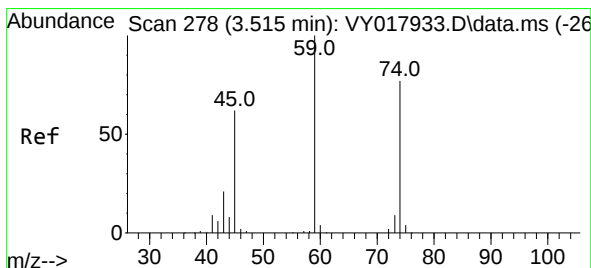
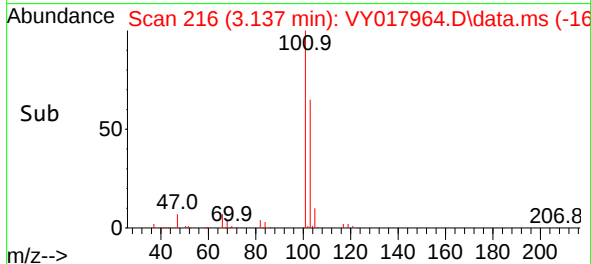
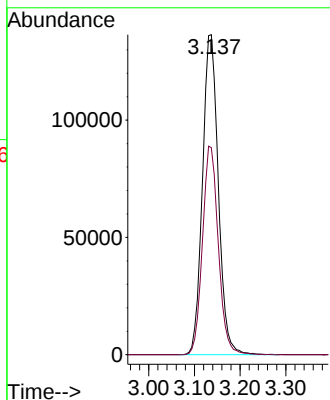
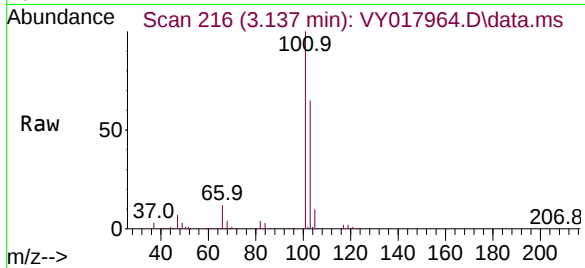




#7
 Trichlorofluoromethane
 Concen: 47.62 ug/l
 RT: 3.137 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY017964.D
 Acq: 18 Apr 2024 09:02

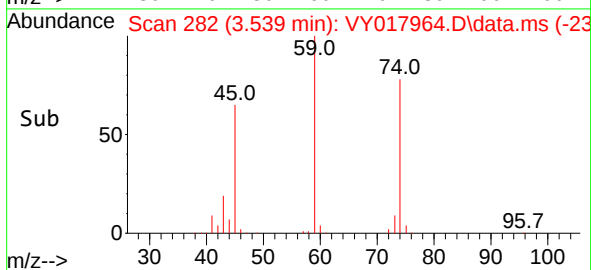
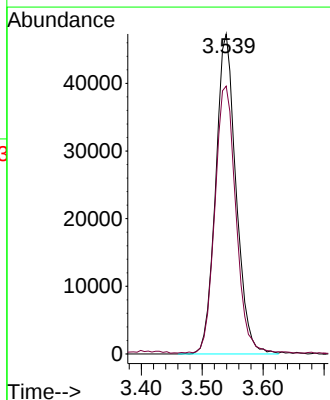
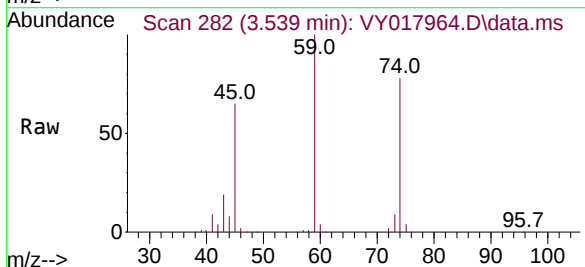
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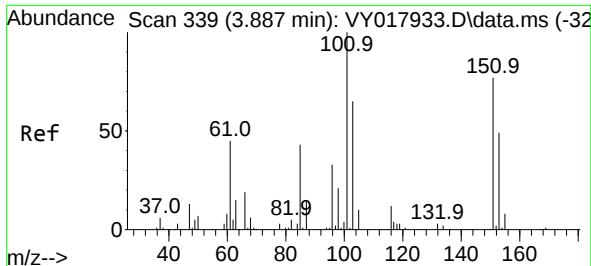
Tgt Ion:101 Resp: 328065
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.52 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. 0.012 min
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 Acq: 18 Apr 2024 09:02

Tgt Ion: 74 Resp: 109981
 Ion Ratio Lower Upper
 74 100
 45 85.9 41.3 124.1

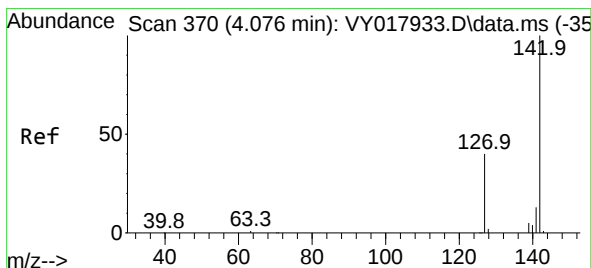
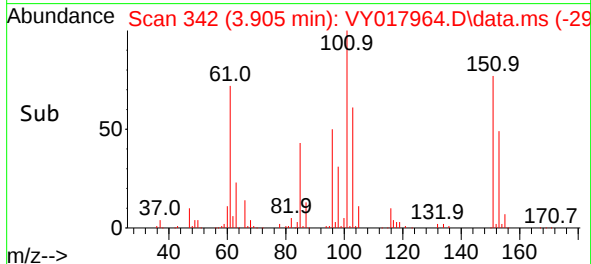
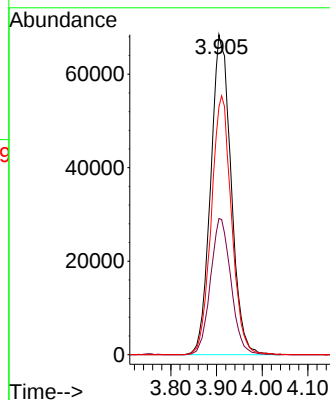
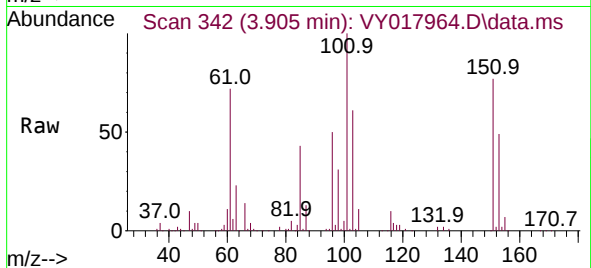




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.51 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

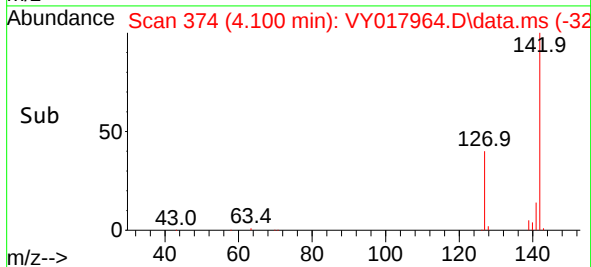
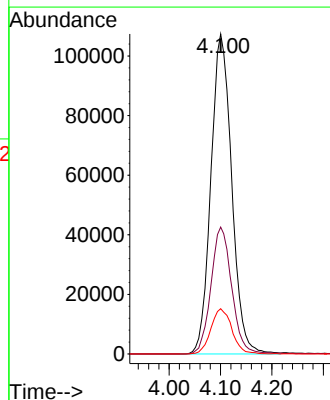
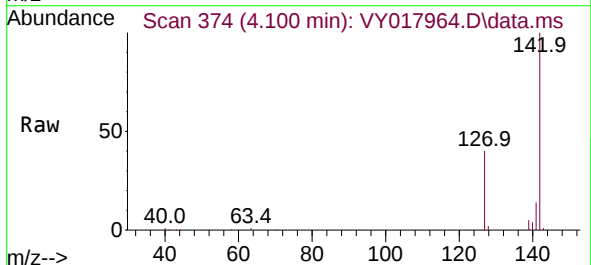
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

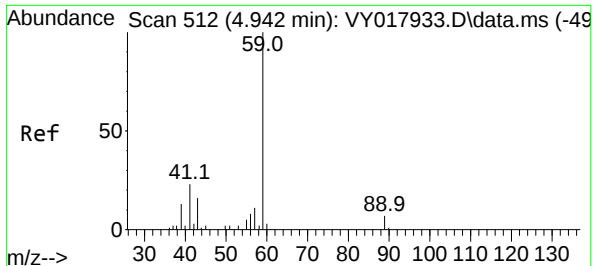
Tgt Ion:101 Resp: 212419
Ion Ratio Lower Upper
101 100
85 42.6 34.5 51.7
151 80.1 61.7 92.5



#10
Methyl Iodide
Concen: 52.92 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion:142 Resp: 302053
Ion Ratio Lower Upper
142 100
127 39.7 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 210.49 ug/l

RT: 4.966 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

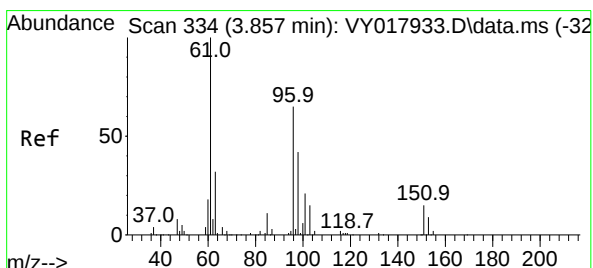
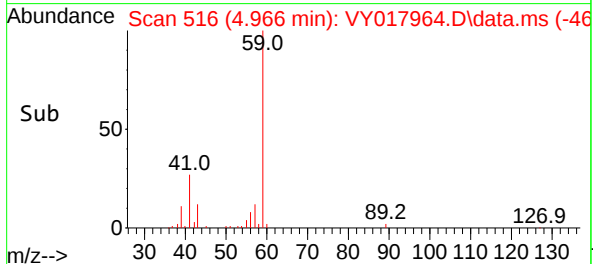
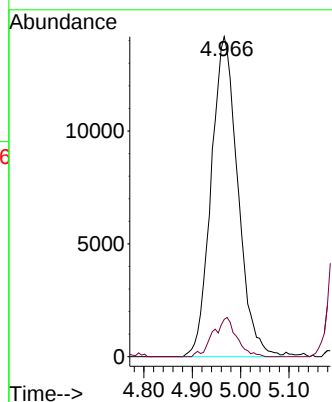
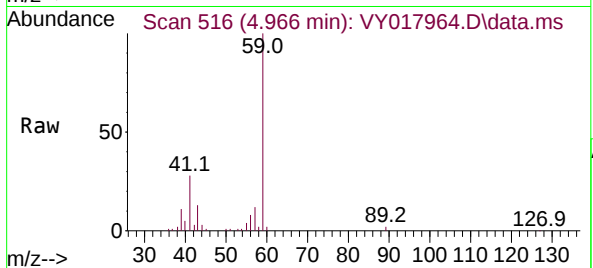
VSTDCCC050

Tgt Ion: 59 Resp: 54354

Ion Ratio Lower Upper

59 100

57 10.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 50.62 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

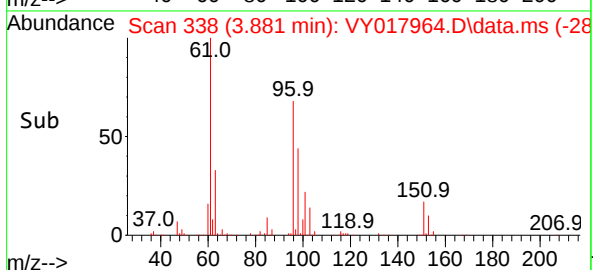
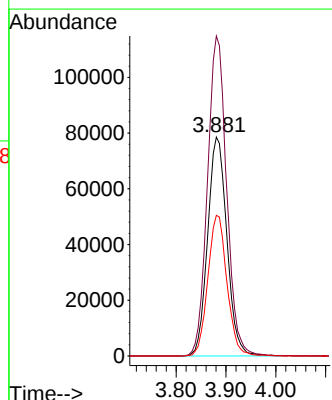
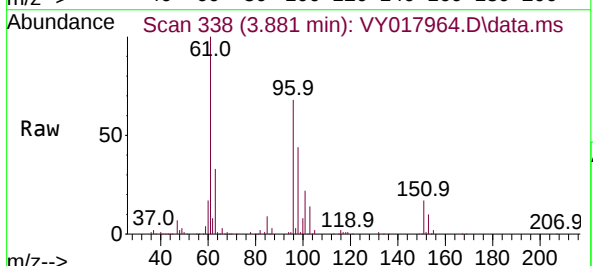
Tgt Ion: 96 Resp: 210846

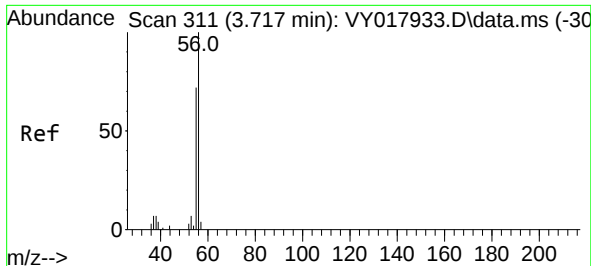
Ion Ratio Lower Upper

96 100

61 146.2 114.6 171.8

98 64.3 50.8 76.2





#13

Acrolein

Concen: 335.79 ug/l

RT: 3.740 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

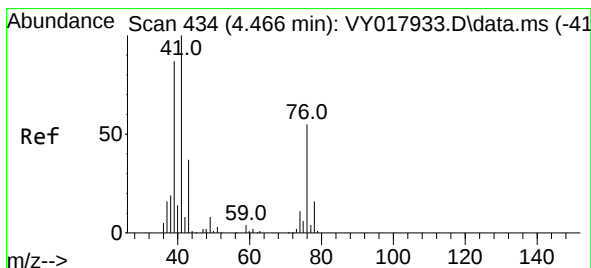
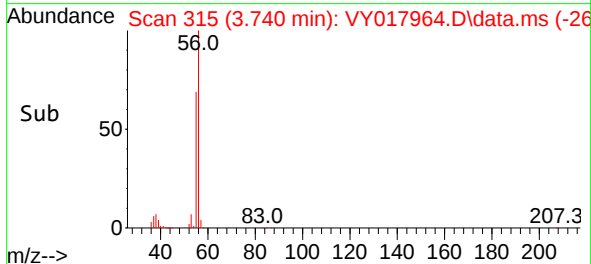
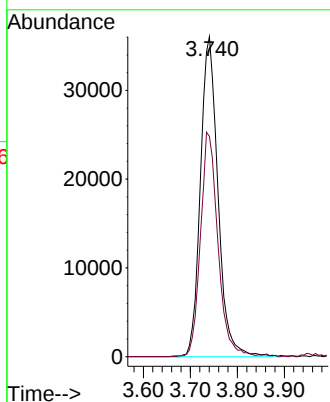
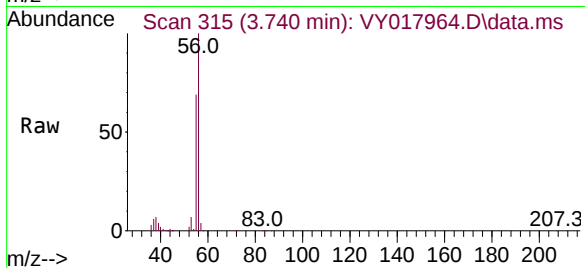
VSTDCCC050

Tgt Ion: 56 Resp: 93378

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 51.54 ug/l

RT: 4.490 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

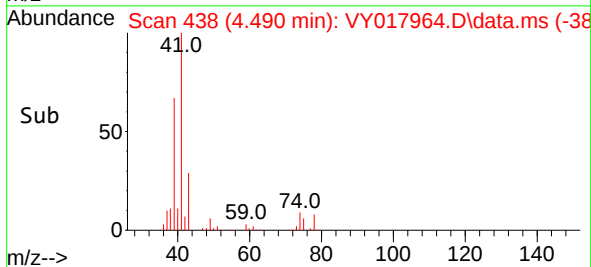
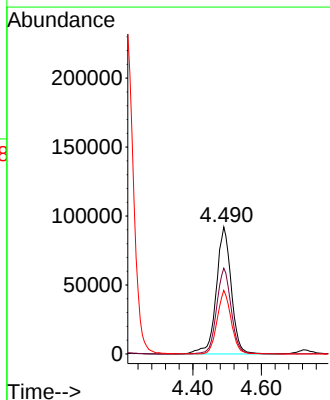
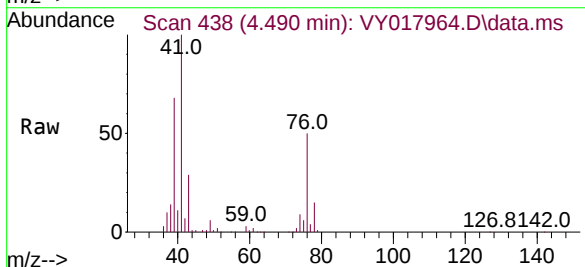
Tgt Ion: 41 Resp: 277819

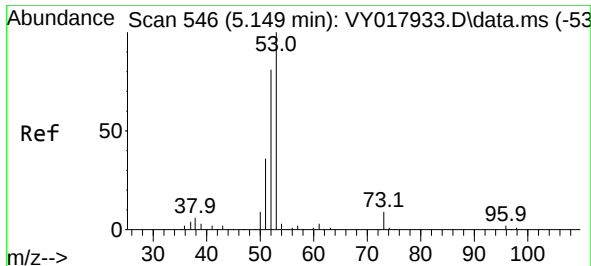
Ion Ratio Lower Upper

41 100

39 65.6 58.3 87.5

76 46.5 39.0 58.6

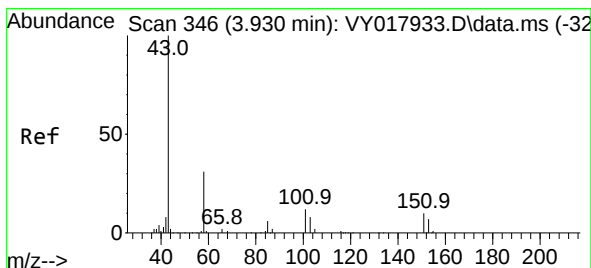
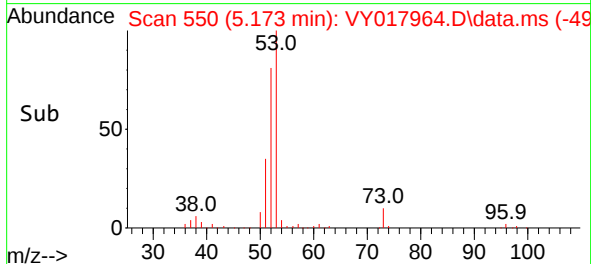
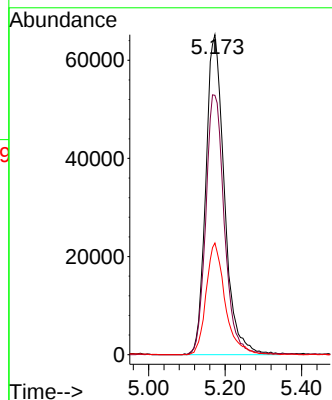
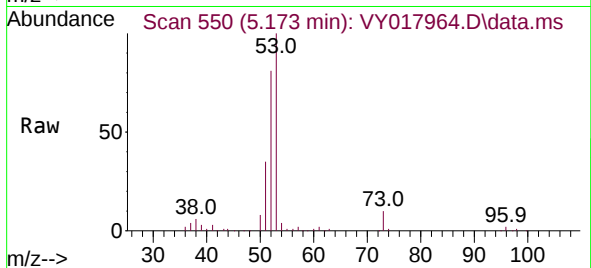




#15
Acrylonitrile
Concen: 249.31 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

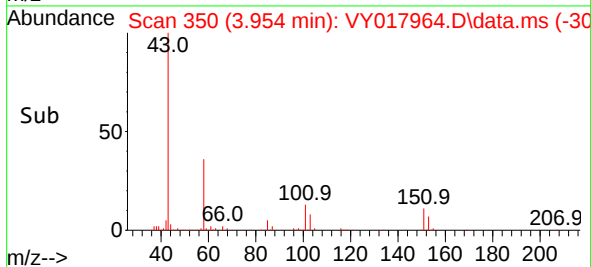
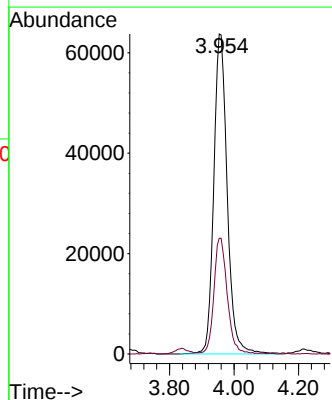
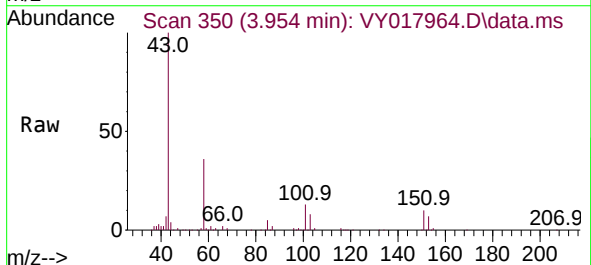
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

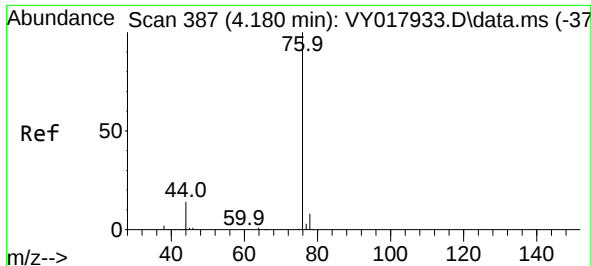
Tgt Ion: 53 Resp: 220380
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 35.8 28.4 42.6



#16
Acetone
Concen: 261.49 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 43 Resp: 184483
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5

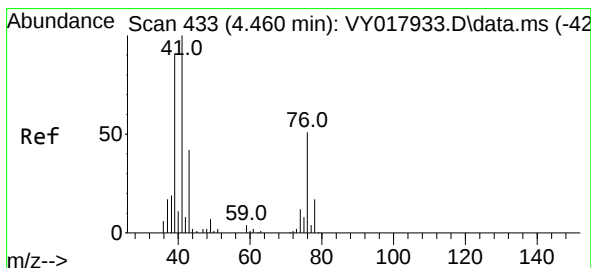
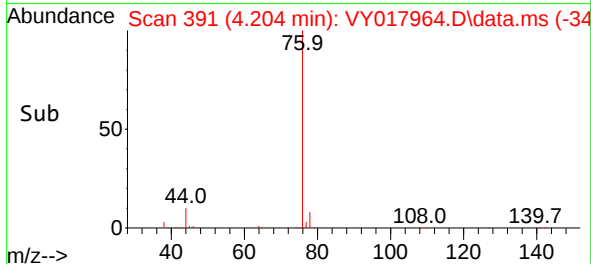
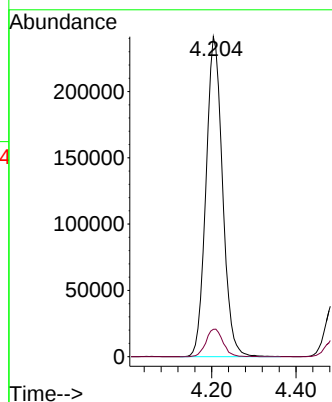
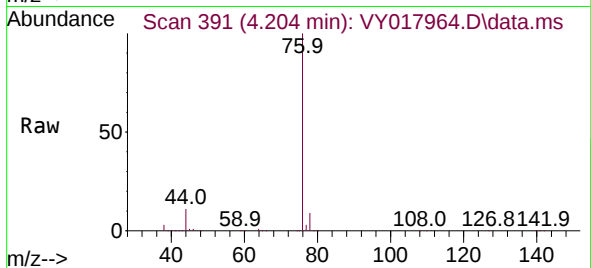




#17
Carbon Disulfide
Concen: 49.78 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

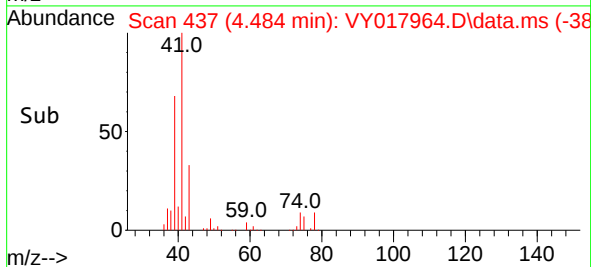
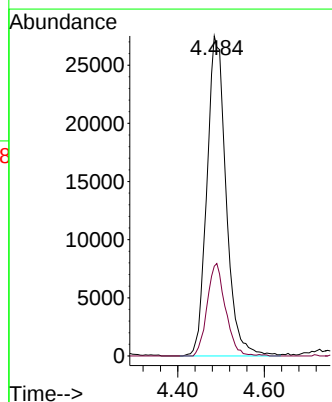
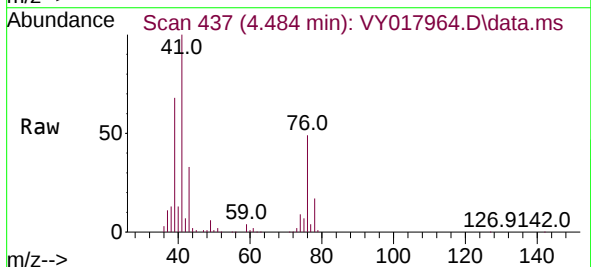
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

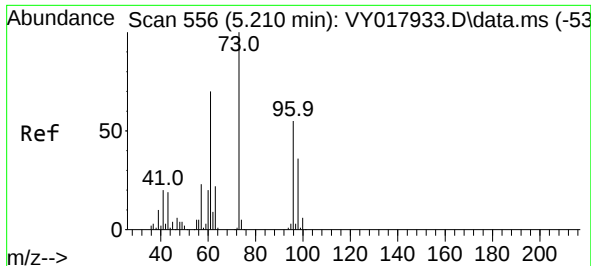
Tgt Ion: 76 Resp: 659567
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 45.62 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 43 Resp: 84667
Ion Ratio Lower Upper
43 100
74 27.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.49 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

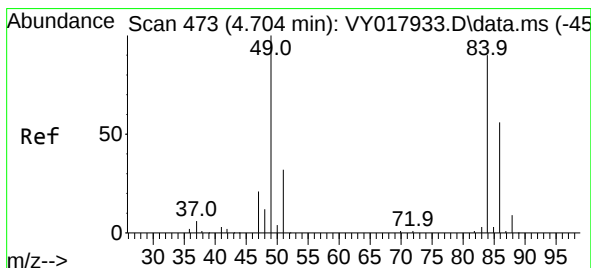
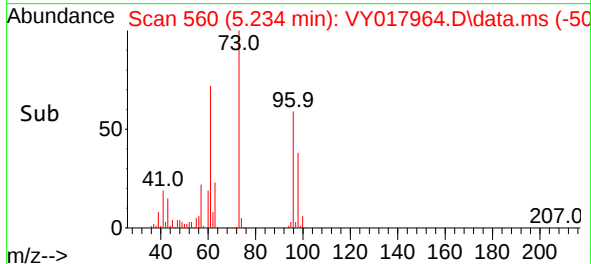
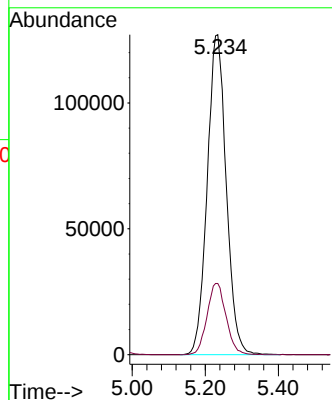
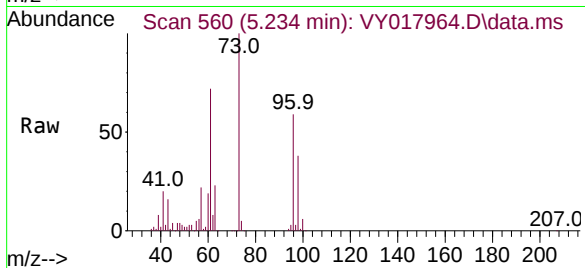
VSTDCCC050

Tgt Ion: 73 Resp: 458307

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9



#20

Methylene Chloride

Concen: 50.79 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Tgt Ion: 84 Resp: 242757

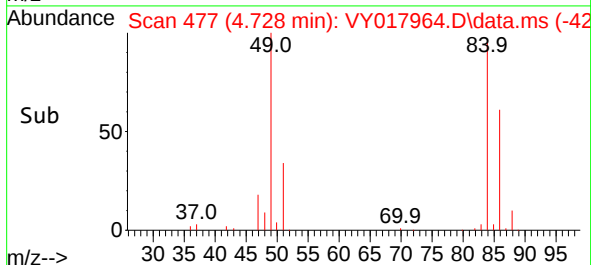
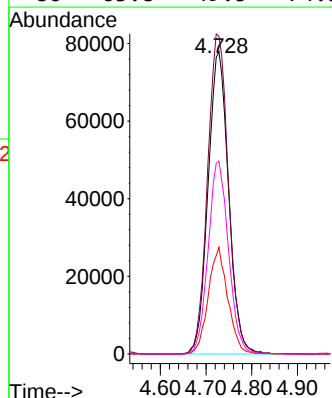
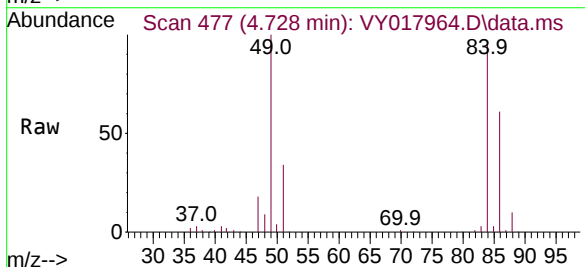
Ion Ratio Lower Upper

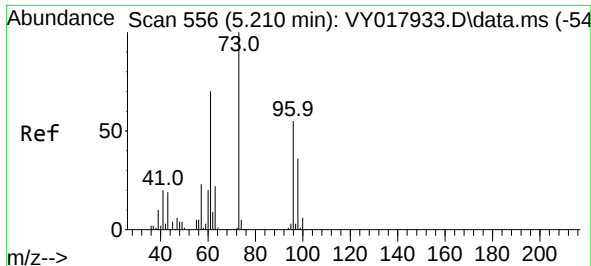
84 100

49 105.1 84.4 126.6

51 35.3 26.0 39.0

86 63.8 49.5 74.3

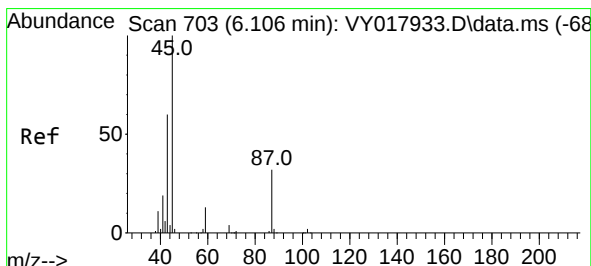
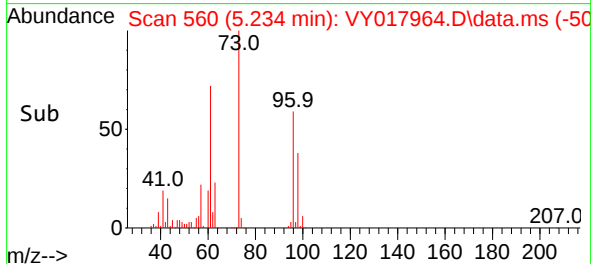
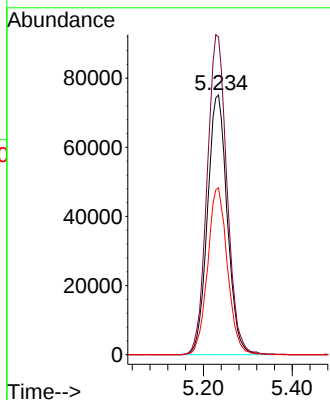
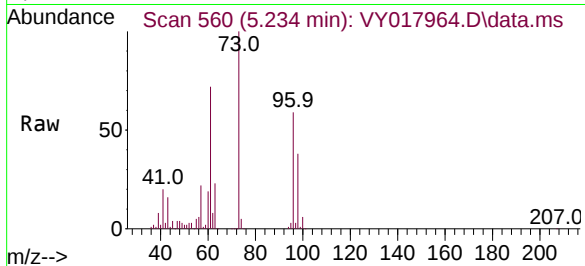




#21
trans-1,2-Dichloroethene
Concen: 51.03 ug/l
RT: 5.234 min Scan# 510
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

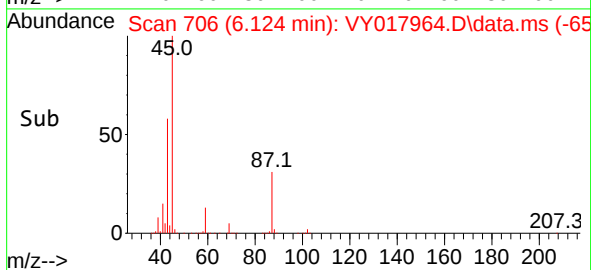
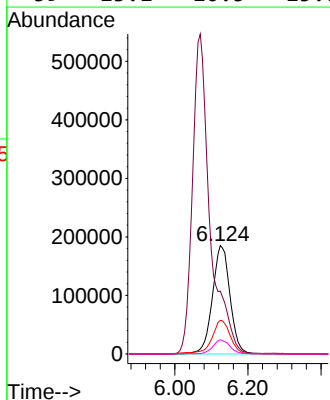
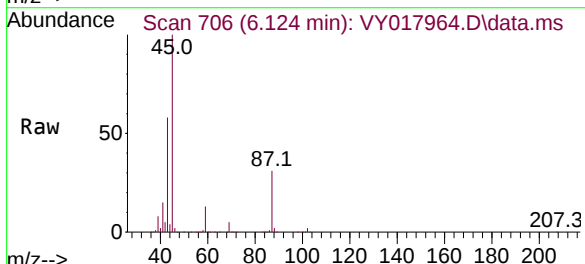
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

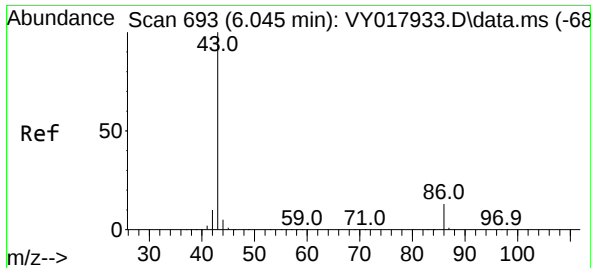
Tgt Ion: 96 Resp: 232833
Ion Ratio Lower Upper
96 100
61 122.2 97.5 146.3
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 52.45 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 45 Resp: 619802
Ion Ratio Lower Upper
45 100
43 57.3 42.2 63.2
87 30.9 25.0 37.6
59 13.1 10.5 15.7

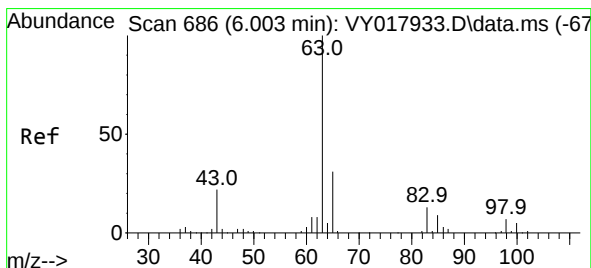
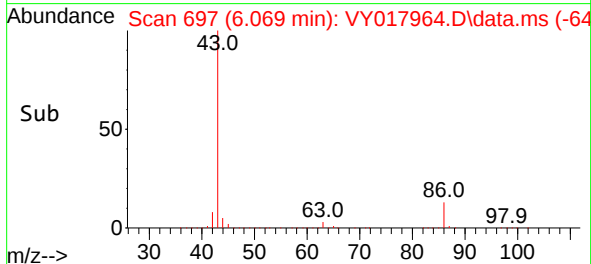
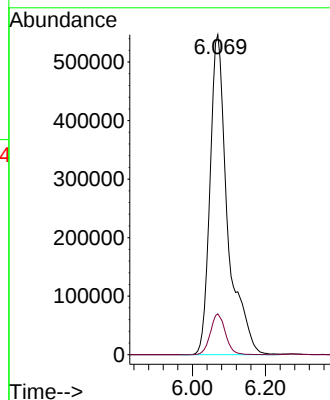
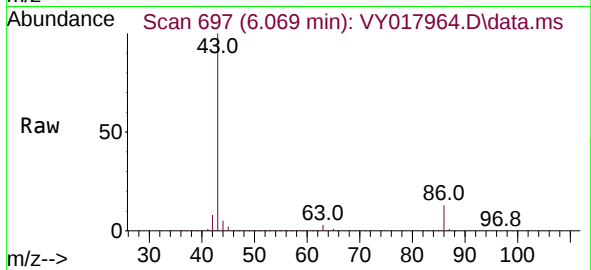




#23
 Vinyl Acetate
 Concen: 260.59 ug/l
 RT: 6.069 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY017964.D
 Acq: 18 Apr 2024 09:02

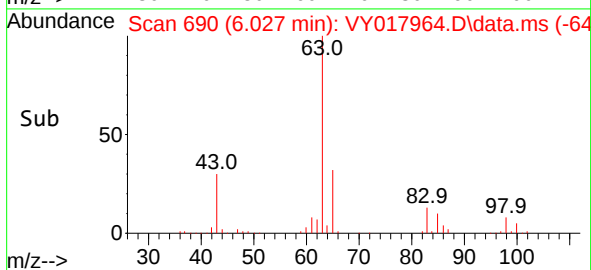
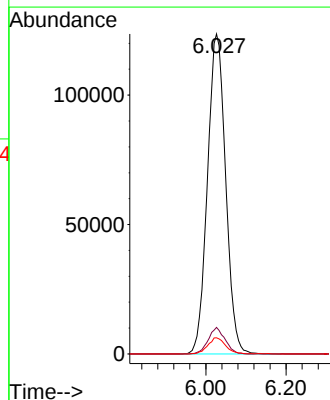
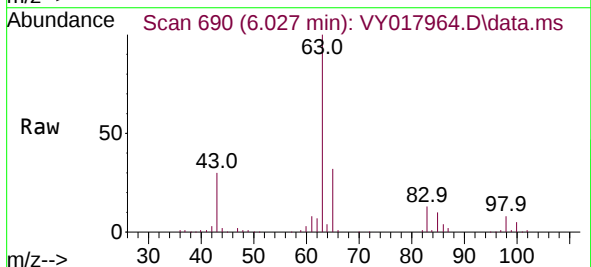
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

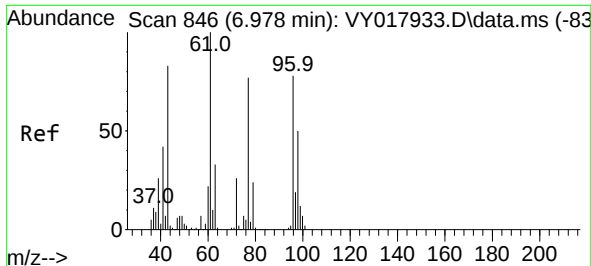
Tgt Ion: 43 Resp: 1826008
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.45 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY017964.D
 Acq: 18 Apr 2024 09:02

Tgt Ion: 63 Resp: 389272
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 5.1 2.6 8.0

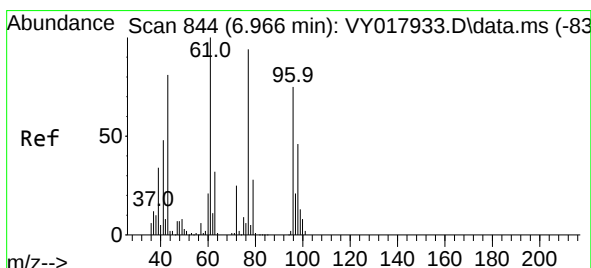
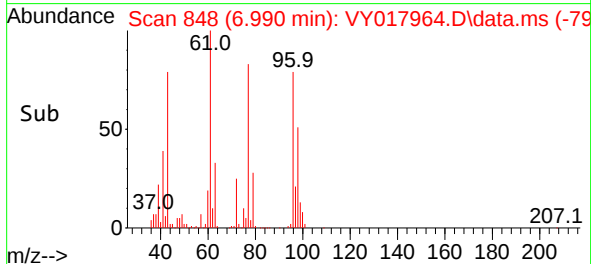
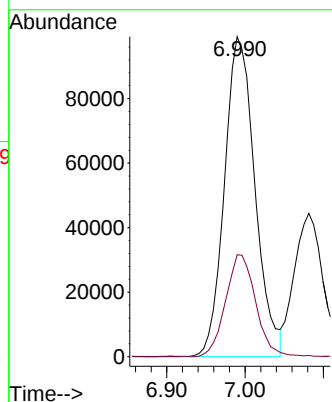
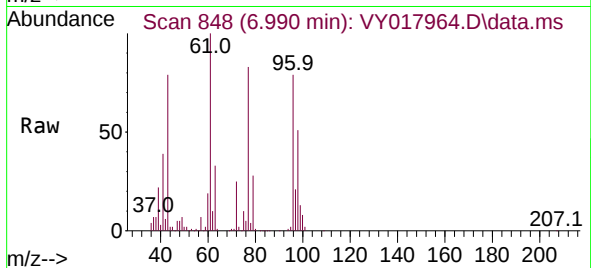




#25
2-Butanone
Concen: 258.28 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

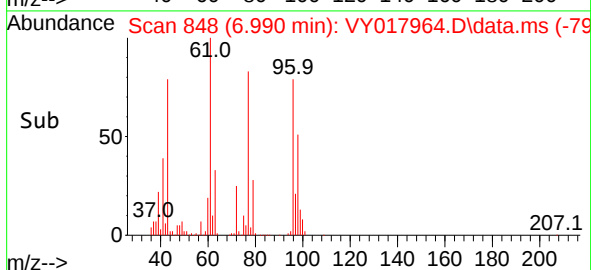
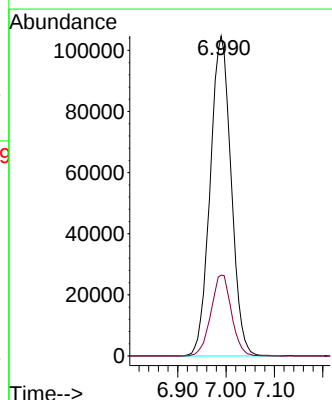
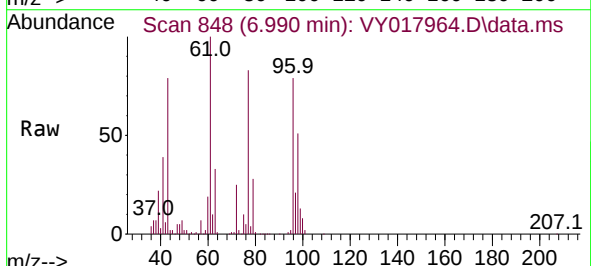
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

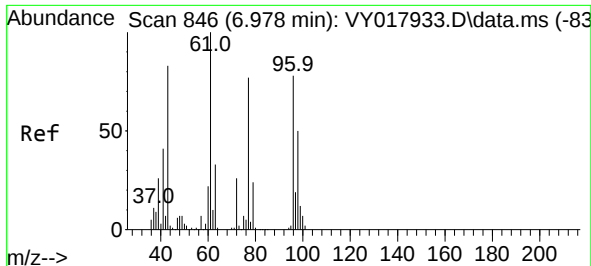
Tgt Ion: 43 Resp: 267843
Ion Ratio Lower Upper
43 100
72 31.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 50.91 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 77 Resp: 315101
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1

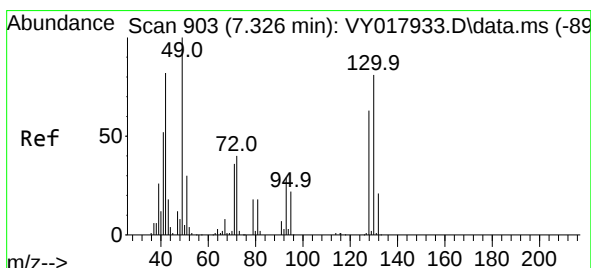
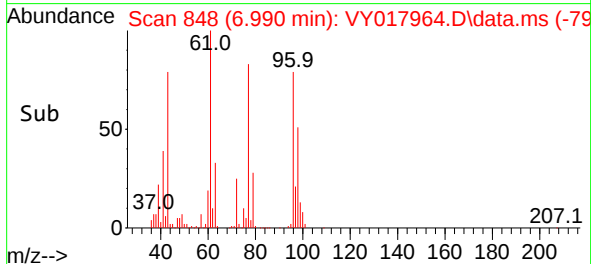
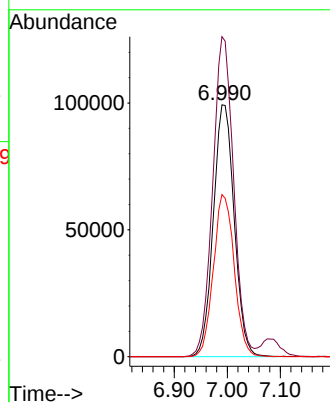
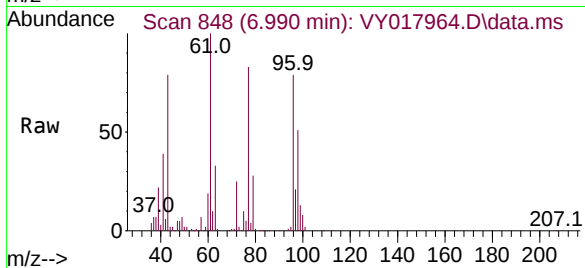




#27
 cis-1,2-Dichloroethene
 Concen: 52.25 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY017964.D
 Acq: 18 Apr 2024 09:02

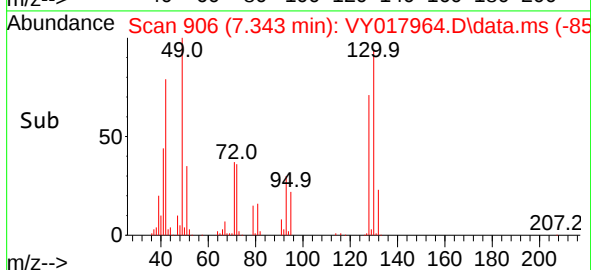
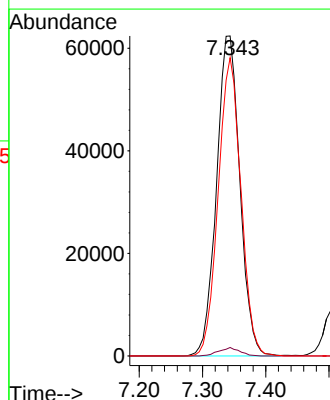
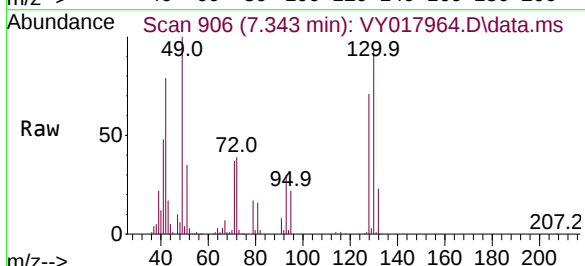
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

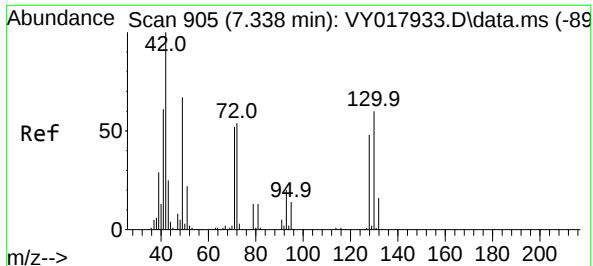
Tgt Ion: 96 Resp: 272291
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 256.2
 98 64.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.63 ug/l
 RT: 7.343 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY017964.D
 Acq: 18 Apr 2024 09:02

Tgt Ion: 49 Resp: 159741
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 90.5 72.7 109.1

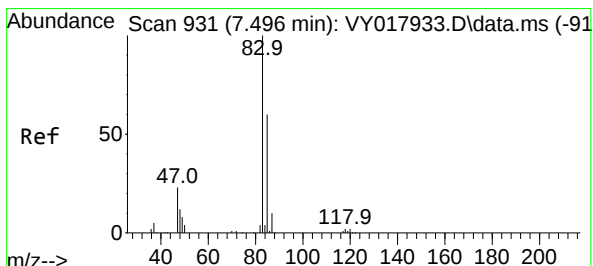
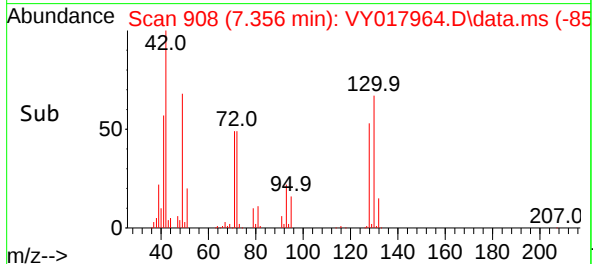
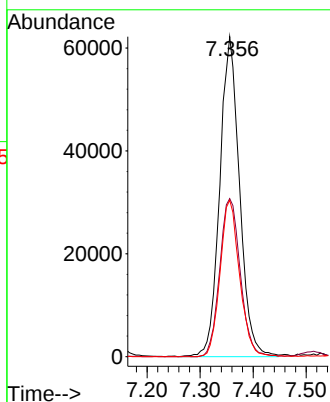
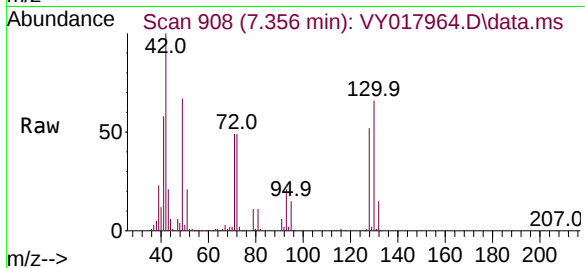




#29
Tetrahydrofuran
Concen: 245.63 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

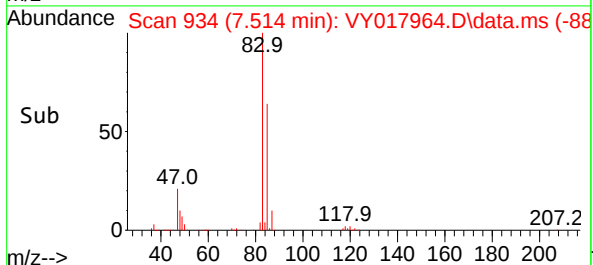
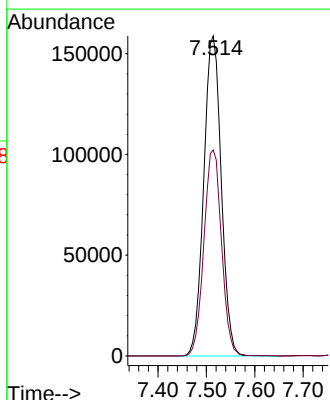
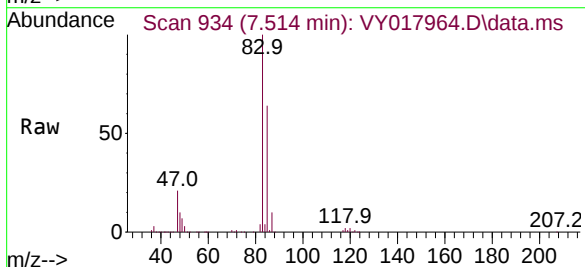
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

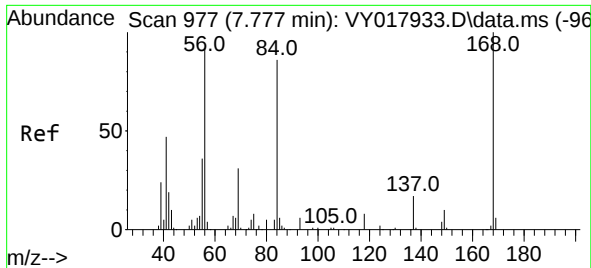
Tgt Ion: 42 Resp: 161644
Ion Ratio Lower Upper
42 100
72 51.4 43.0 64.4
71 48.1 40.8 61.2



#30
Chloroform
Concen: 50.61 ug/l
RT: 7.514 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 83 Resp: 399032
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4

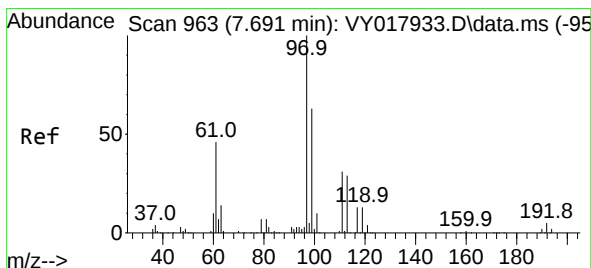
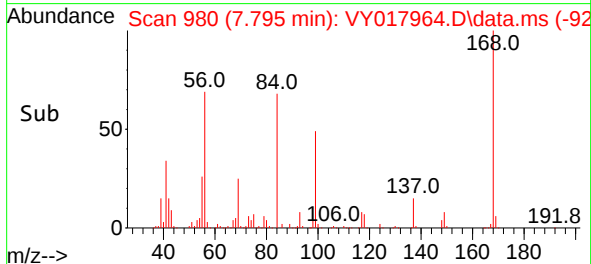
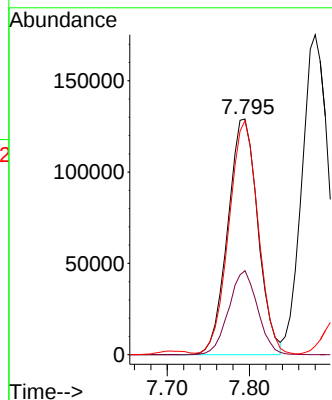
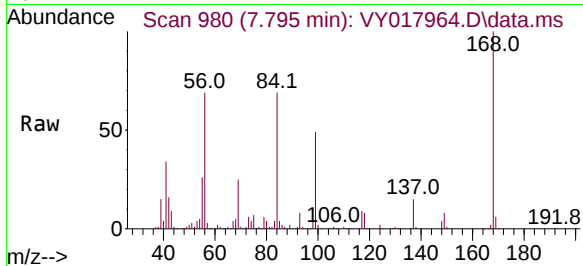




#31
Cyclohexane
Concen: 48.11 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

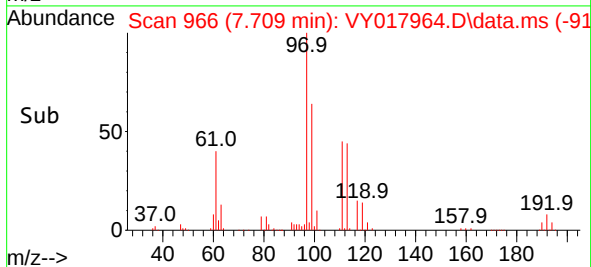
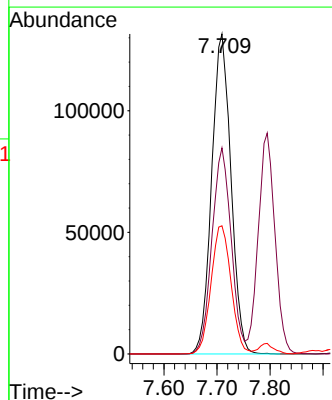
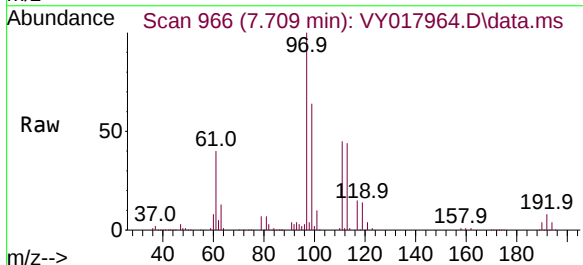
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

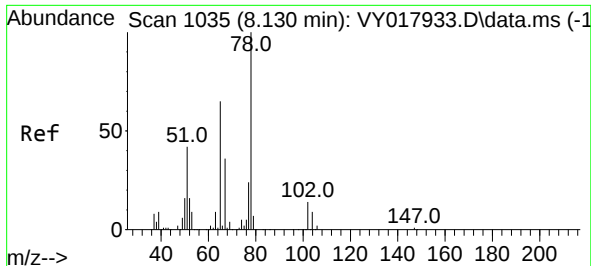
Tgt Ion: 56 Resp: 328350
Ion Ratio Lower Upper
56 100
69 35.7 28.7 43.1
84 97.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.55 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 97 Resp: 331965
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 41.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

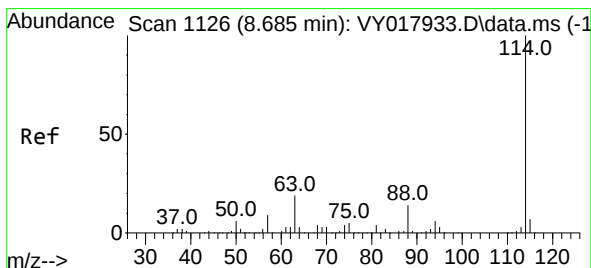
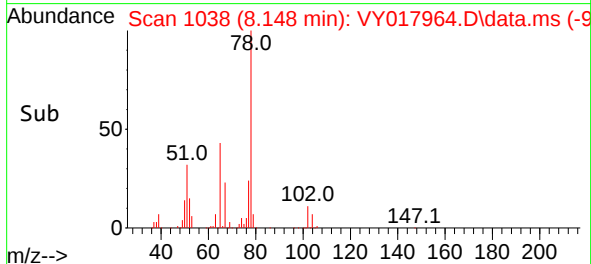
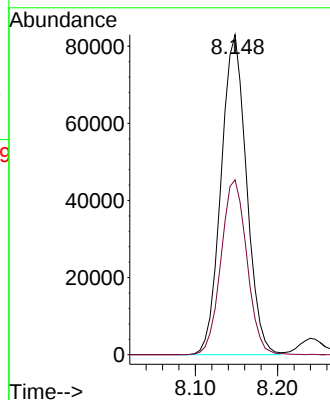
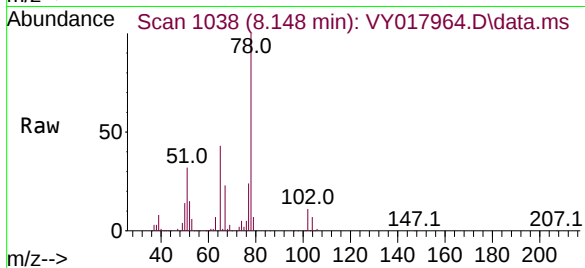
VSTDCCC050

Tgt Ion: 65 Resp: 178186

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

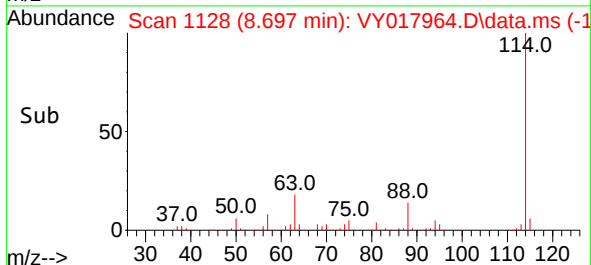
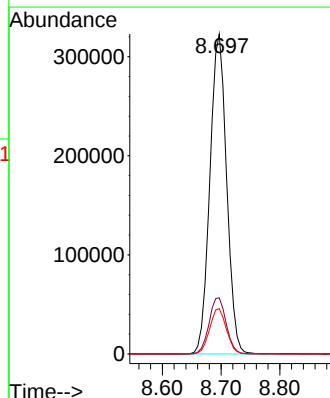
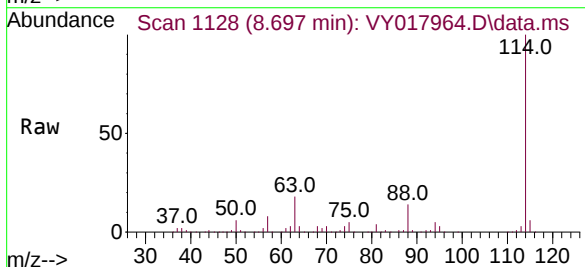
Tgt Ion: 114 Resp: 638080

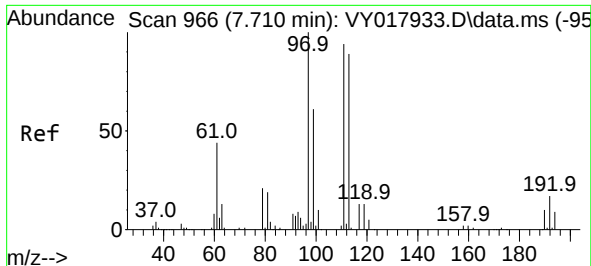
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.1 0.0 27.2

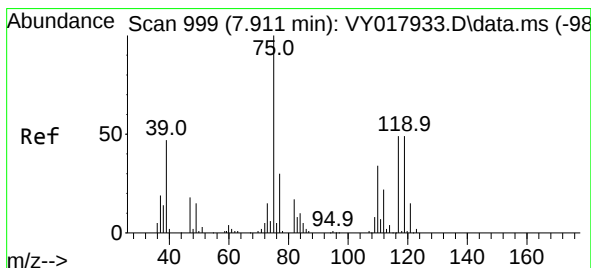
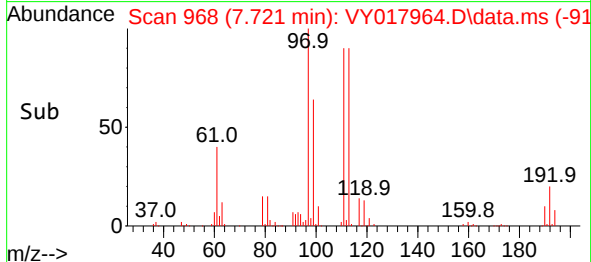
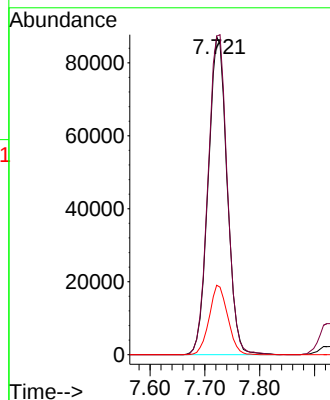
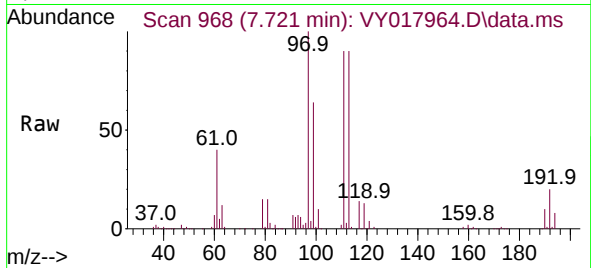




#35
Dibromofluoromethane
Concen: 52.74 ug/l
RT: 7.721 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

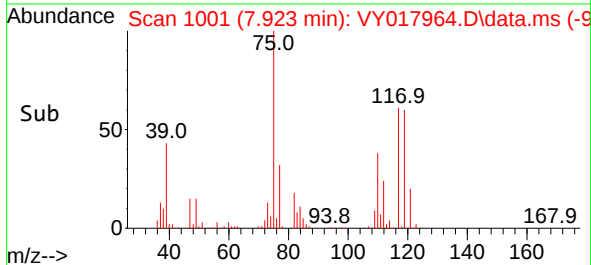
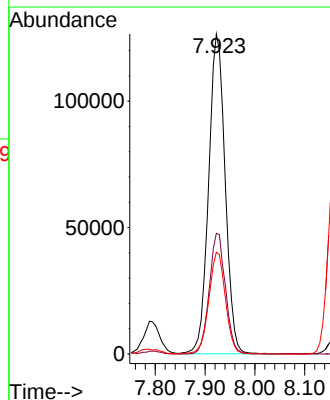
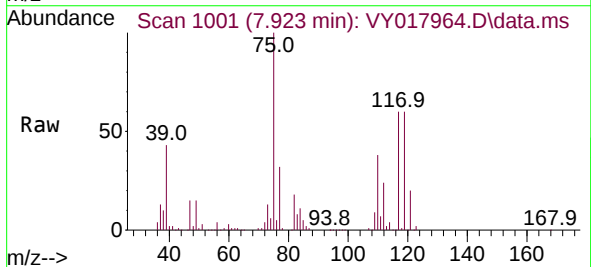
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

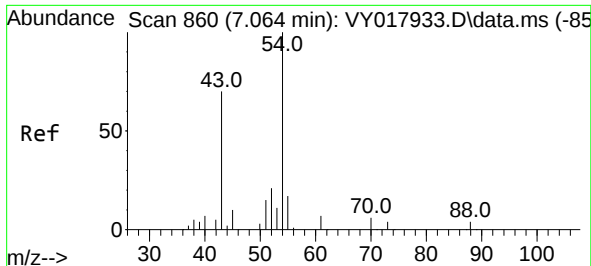
Tgt Ion:113 Resp: 207621
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 21.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.81 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 75 Resp: 290880
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 31.8 25.3 37.9

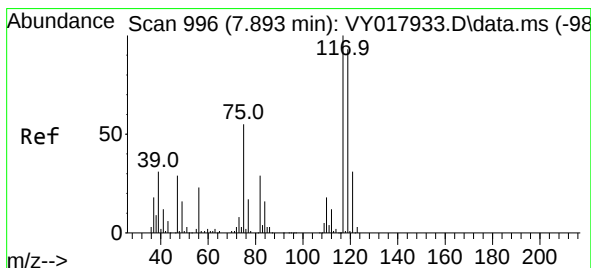
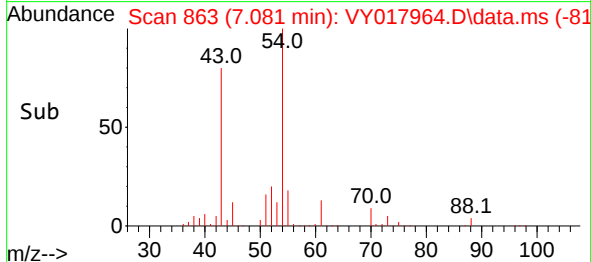
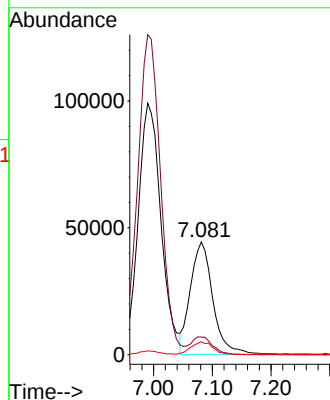
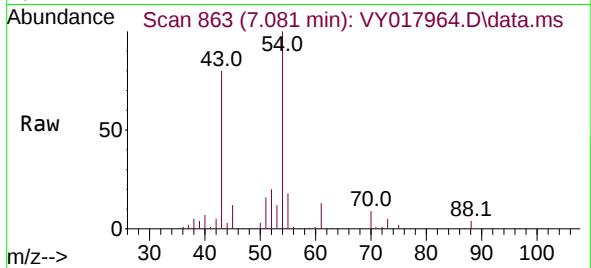




#37
Ethyl Acetate
Concen: 49.83 ug/l
RT: 7.081 min Scan# 801
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

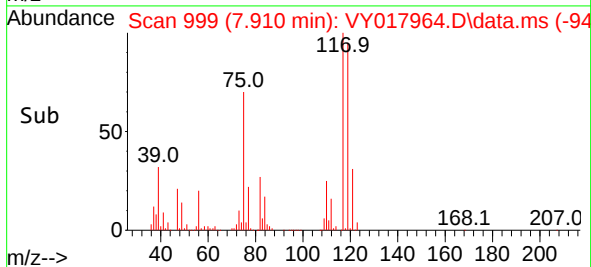
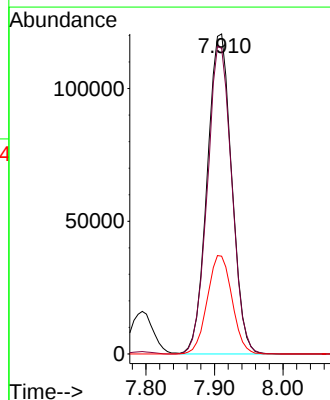
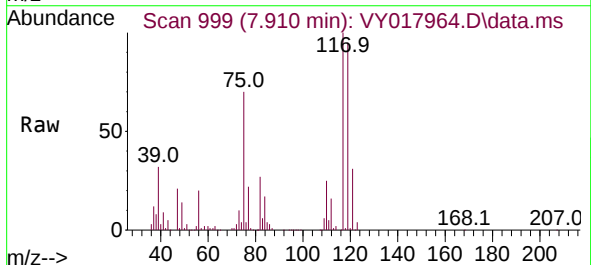
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

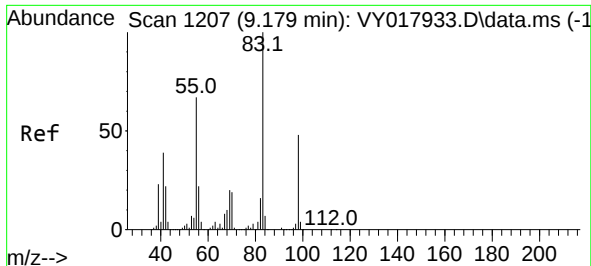
Tgt Ion: 43 Resp: 117365
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 11.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.76 ug/l
RT: 7.910 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 117 Resp: 299366
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 51.00 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

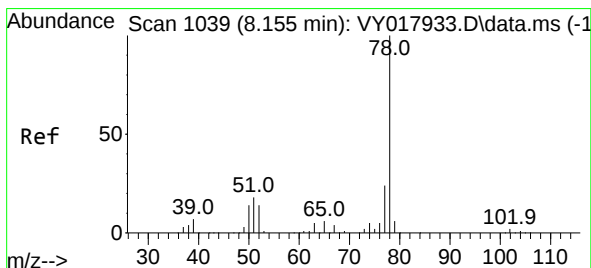
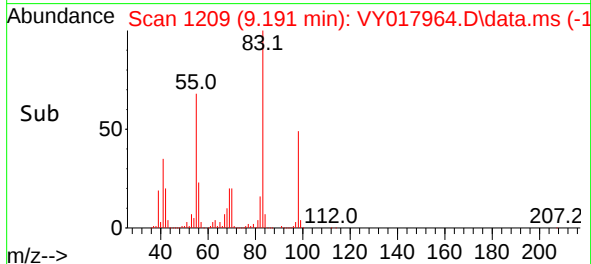
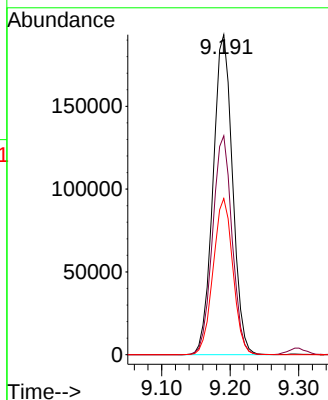
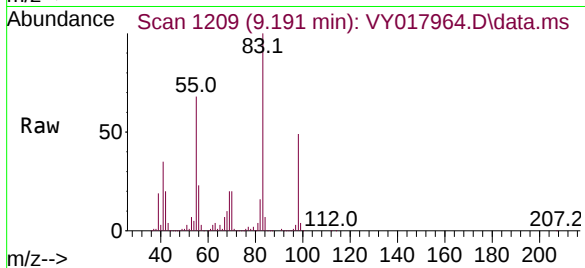
Tgt Ion: 83 Resp: 380517

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

98 48.8 40.5 60.7



#40

Benzene

Concen: 52.02 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017964.D

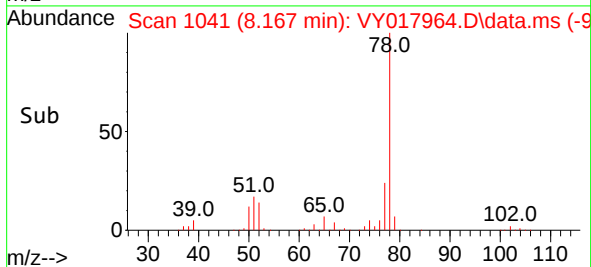
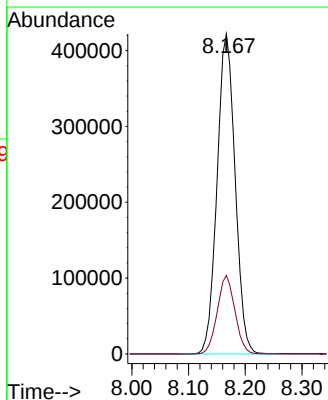
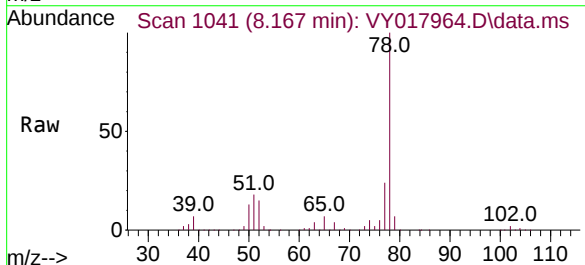
Acq: 18 Apr 2024 09:02

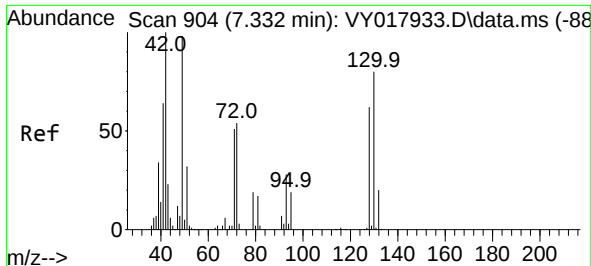
Tgt Ion: 78 Resp: 932764

Ion Ratio Lower Upper

78 100

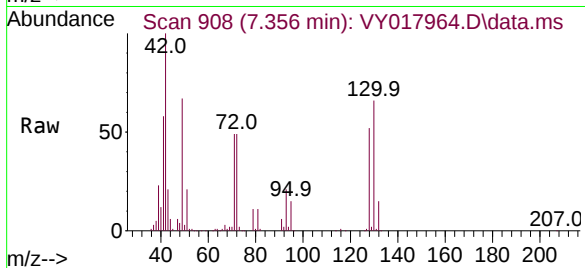
77 24.5 19.5 29.3



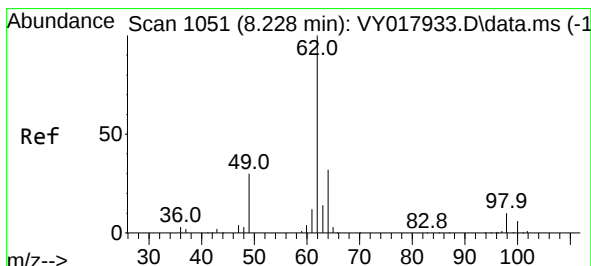
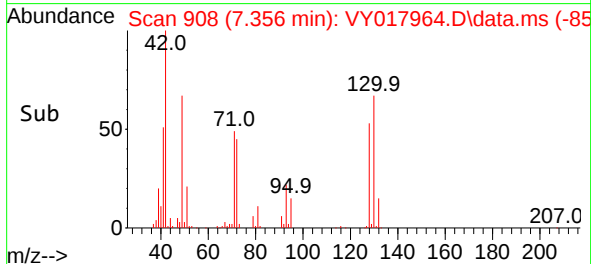
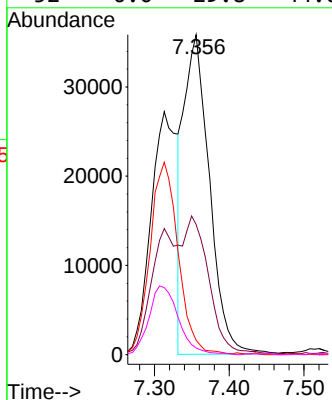


#41
Methacrylonitrile
Concen: 57.66 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

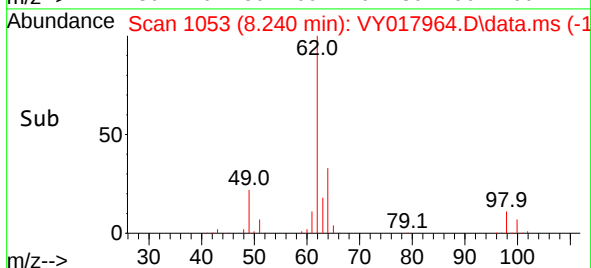
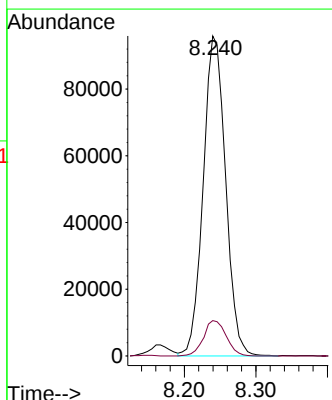
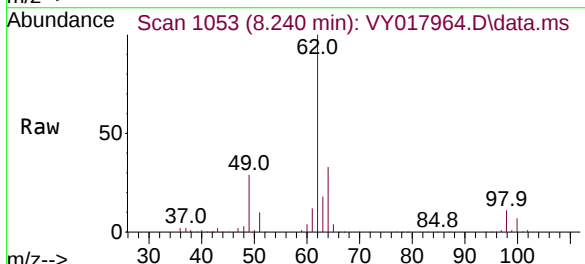


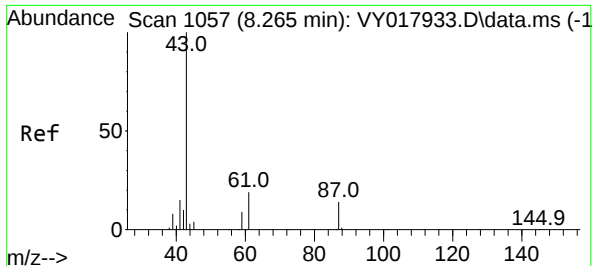
Tgt Ion: 41 Resp: 85693
Ion Ratio Lower Upper
41 100
39 38.2 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 50.80 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 62 Resp: 208728
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 49.20 ug/l

RT: 8.276 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

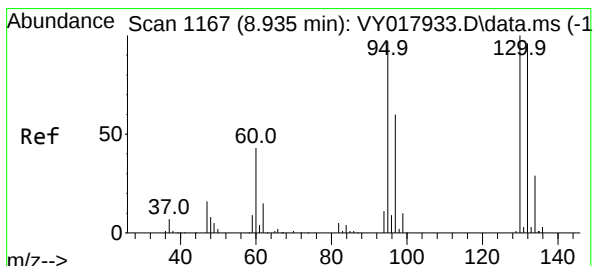
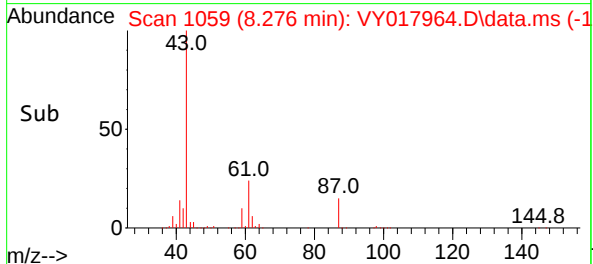
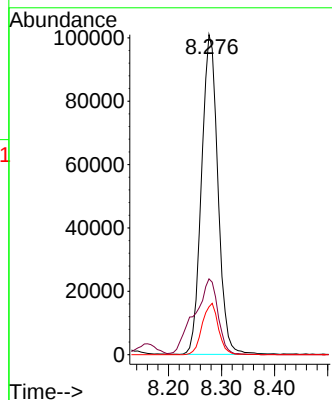
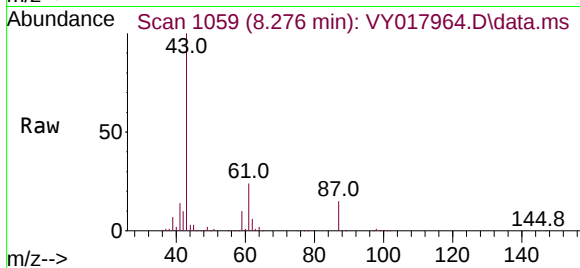
Tgt Ion: 43 Resp: 215999

Ion Ratio Lower Upper

43 100

61 34.4 27.9 41.9

87 15.9 13.1 19.7



#44

Trichloroethene

Concen: 52.19 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017964.D

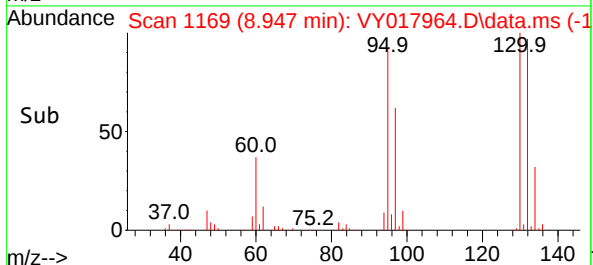
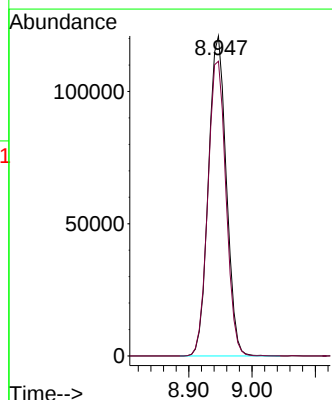
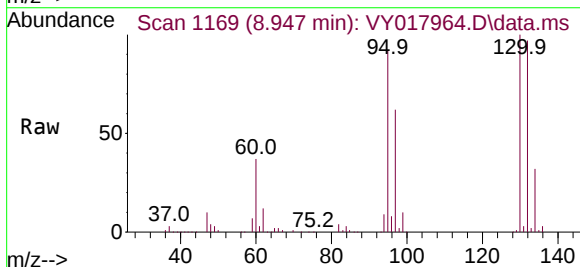
Acq: 18 Apr 2024 09:02

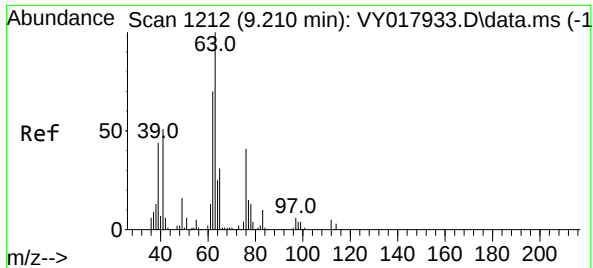
Tgt Ion:130 Resp: 237810

Ion Ratio Lower Upper

130 100

95 92.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.33 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

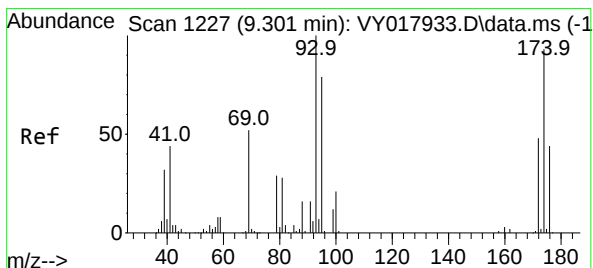
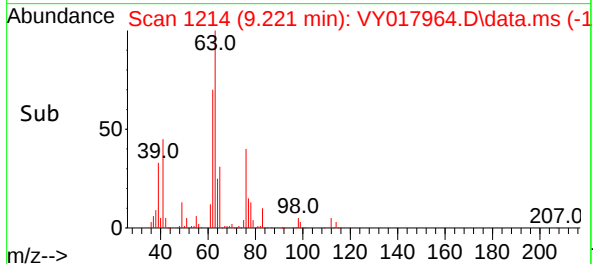
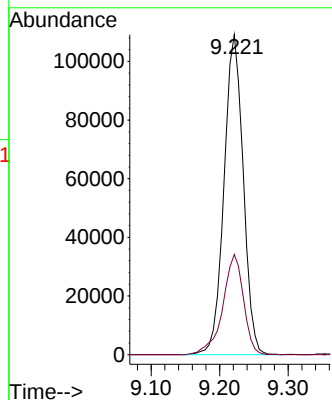
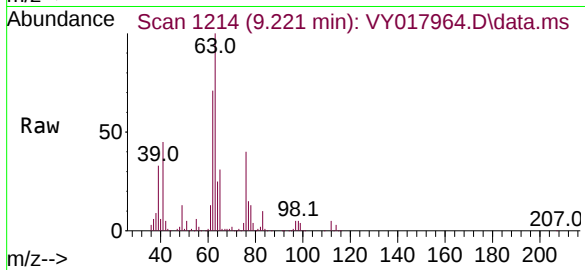
VSTDCCC050

Tgt Ion: 63 Resp: 211893

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 51.59 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

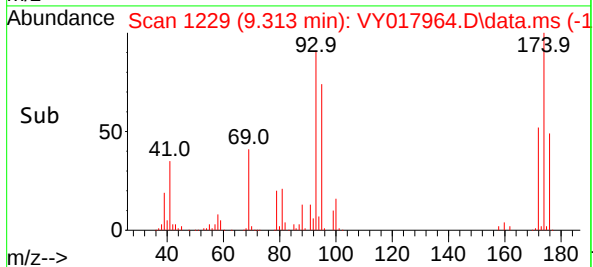
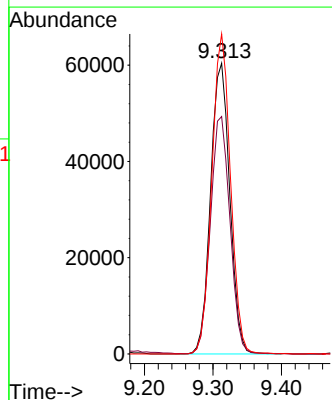
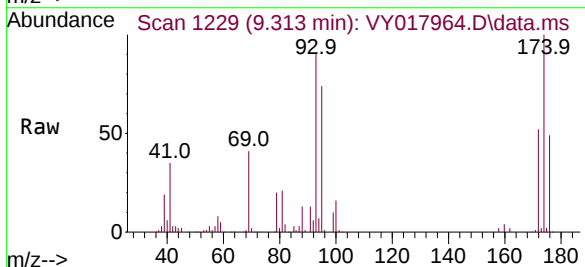
Tgt Ion: 93 Resp: 117790

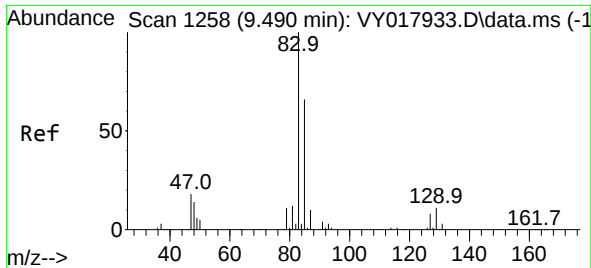
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 107.1 80.9 121.3

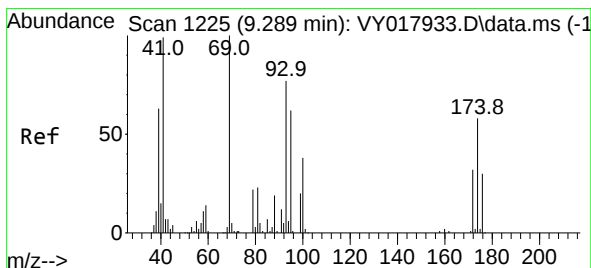
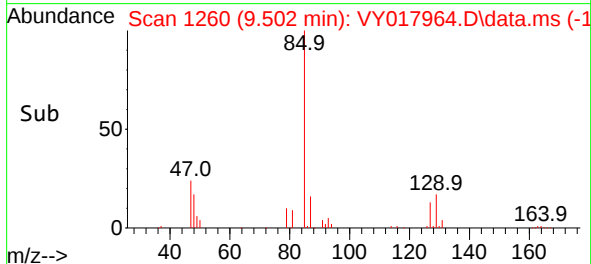
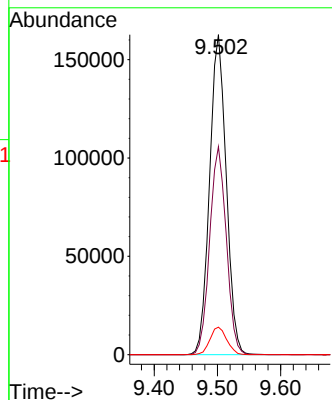
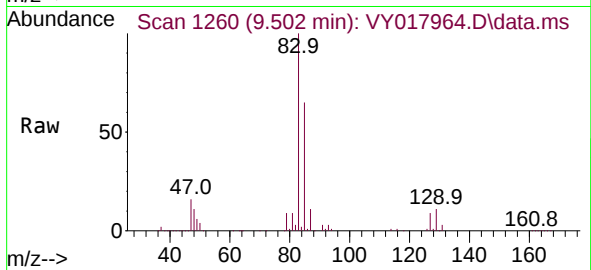




#47
Bromodichloromethane
Concen: 52.05 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

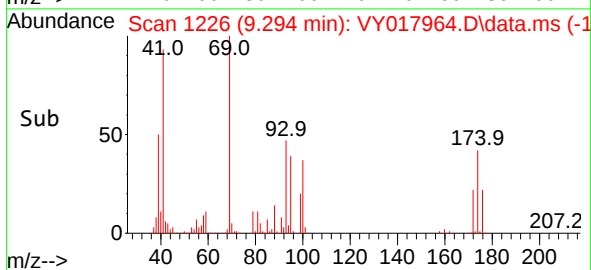
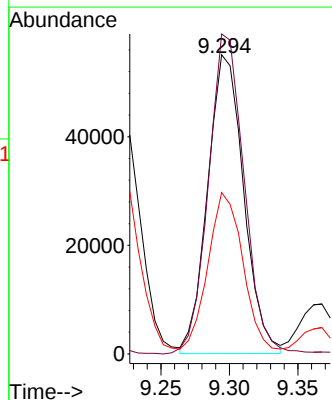
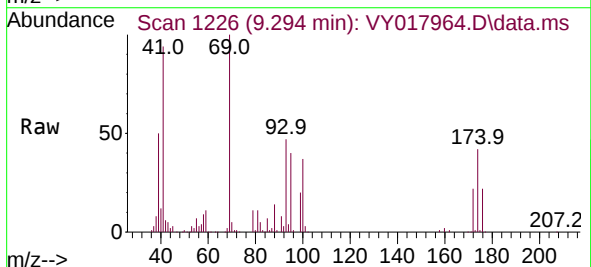
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

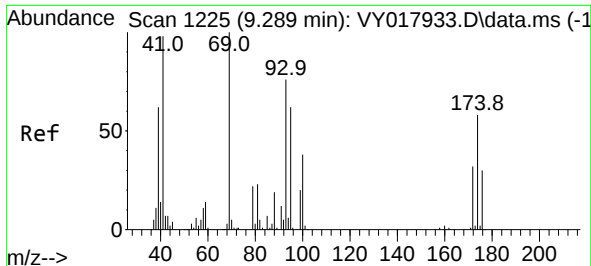
Tgt Ion: 83 Resp: 298179
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 50.13 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 41 Resp: 100853
Ion Ratio Lower Upper
41 100
69 106.5 84.1 126.1
39 50.4 43.6 65.4





#49

1,4-Dioxane

Concen: 944.90 ug/l

RT: 9.300 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

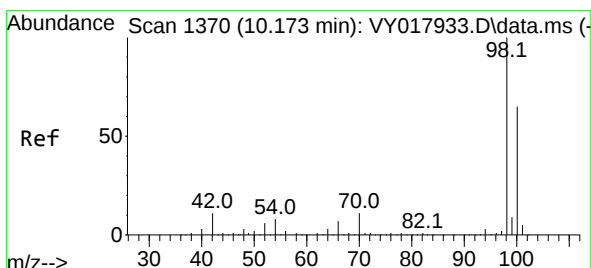
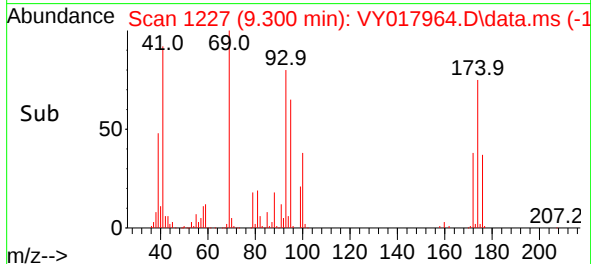
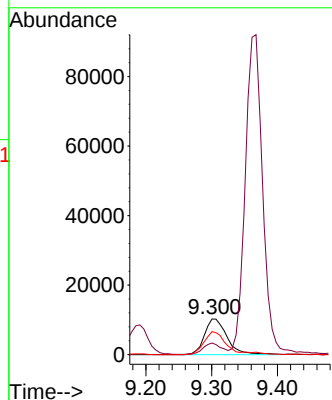
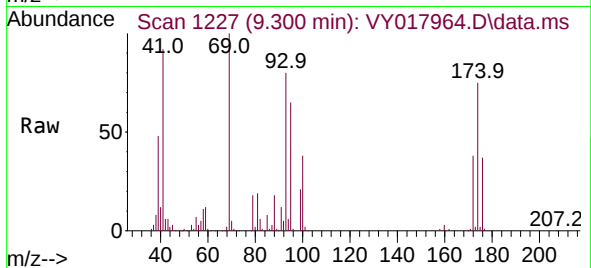
Tgt Ion: 88 Resp: 24630

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 59.7 49.3 73.9



#50

Toluene-d8

Concen: 54.09 ug/l

RT: 10.184 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY017964.D

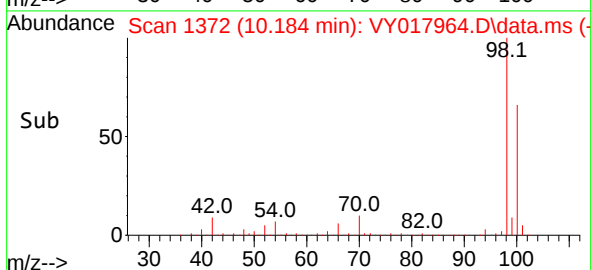
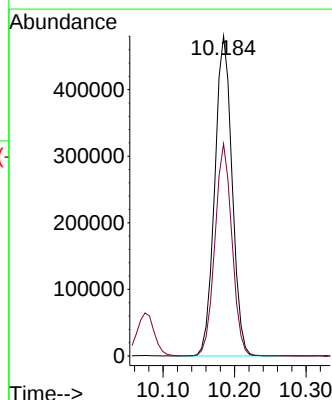
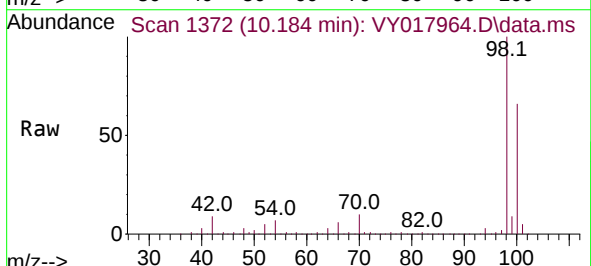
Acq: 18 Apr 2024 09:02

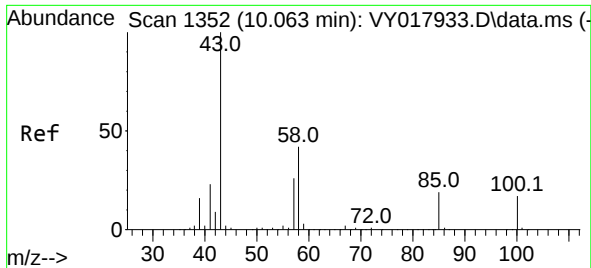
Tgt Ion: 98 Resp: 807974

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

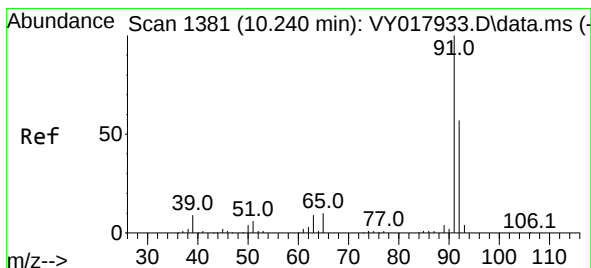
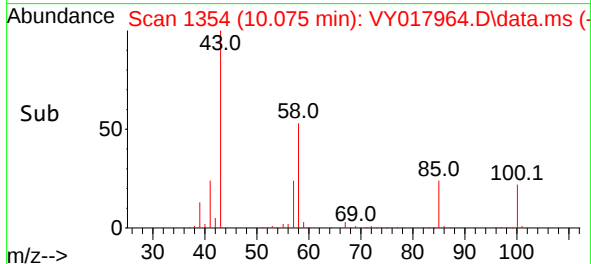
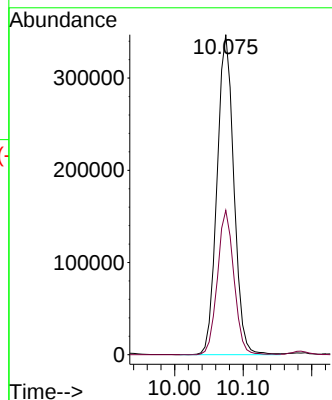
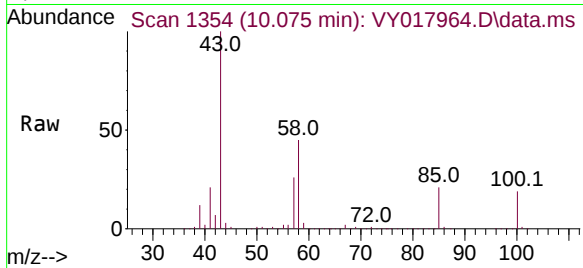




#51
4-Methyl-2-Pentanone
Concen: 253.09 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

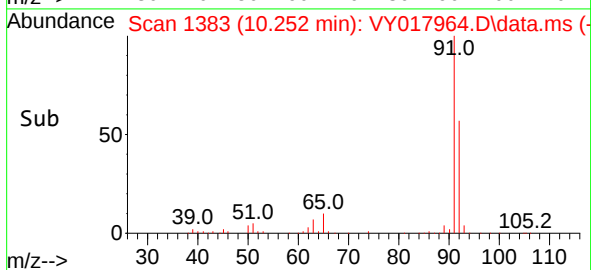
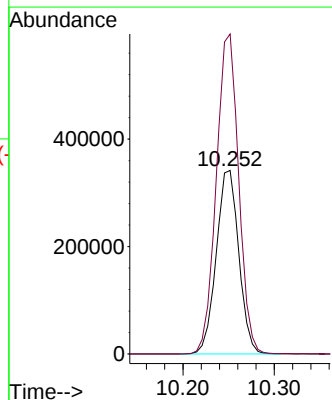
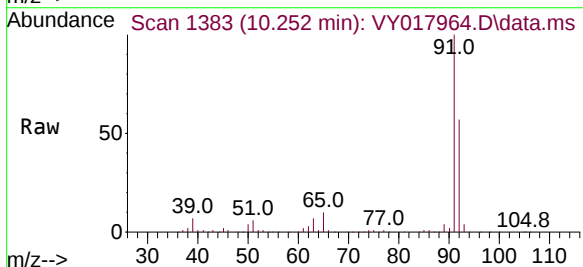
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

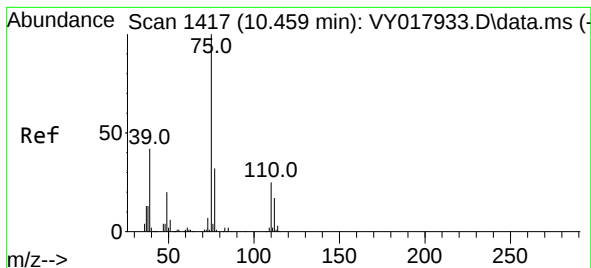
Tgt Ion: 43 Resp: 589079
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5



#52
Toluene
Concen: 53.21 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 92 Resp: 585477
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.6

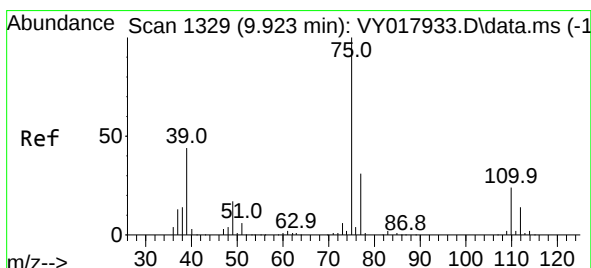
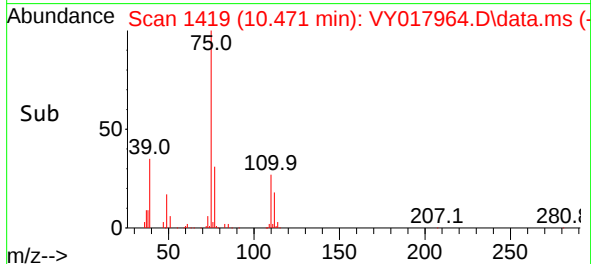
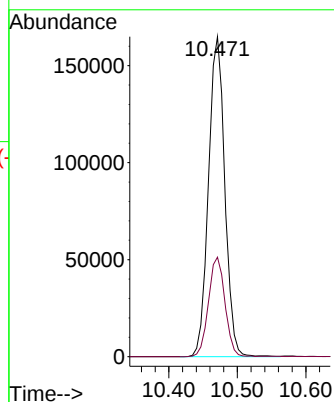
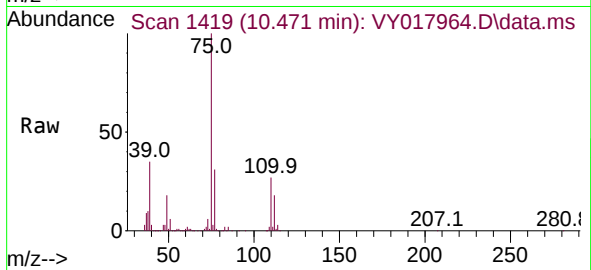




#53
t-1,3-Dichloropropene
Concen: 52.19 ug/l
RT: 10.471 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

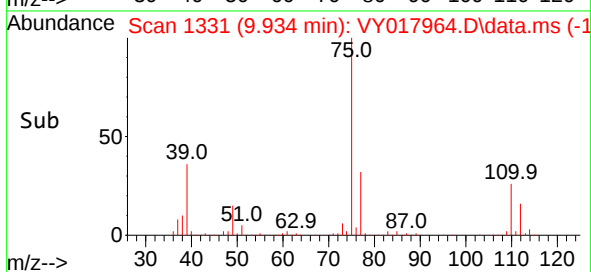
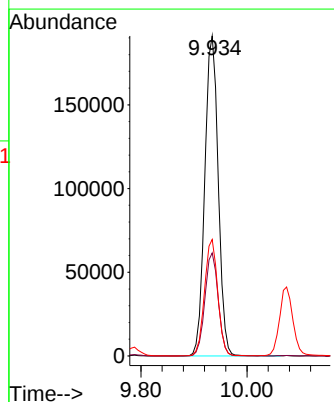
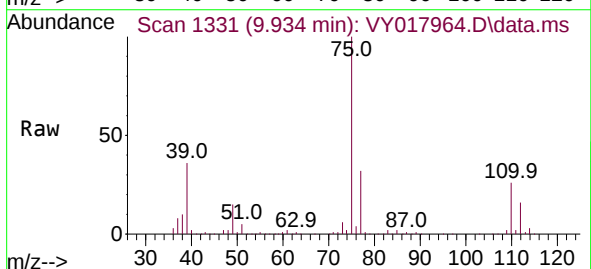
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

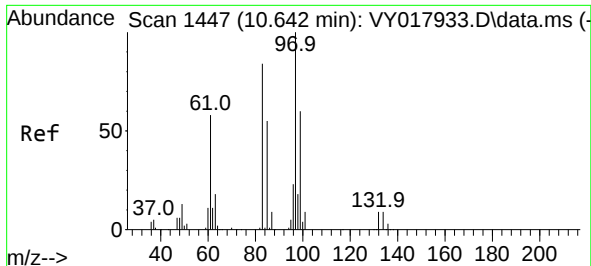
Tgt Ion: 75 Resp: 272919
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.30 ug/l
RT: 9.934 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 75 Resp: 335988
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 36.3 29.8 44.6

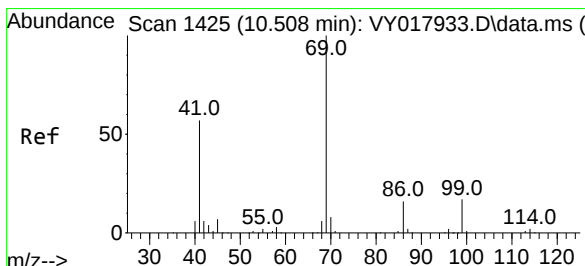
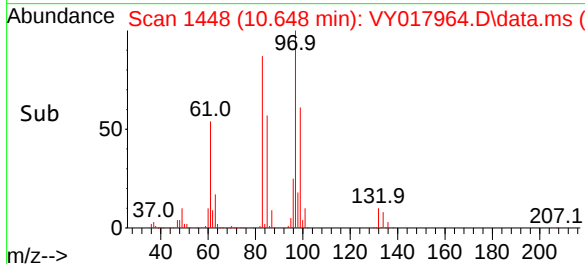
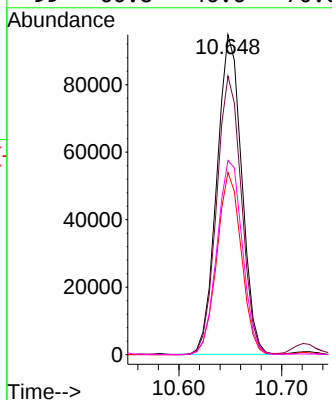
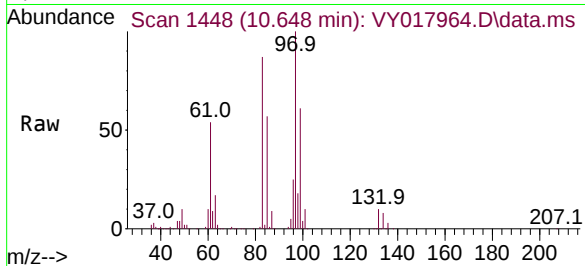




#55
1,1,2-Trichloroethane
Concen: 51.16 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

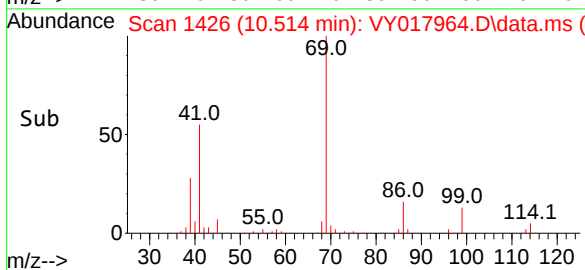
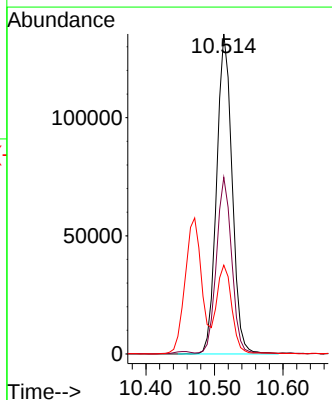
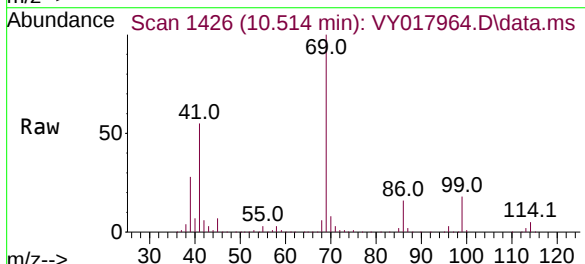
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

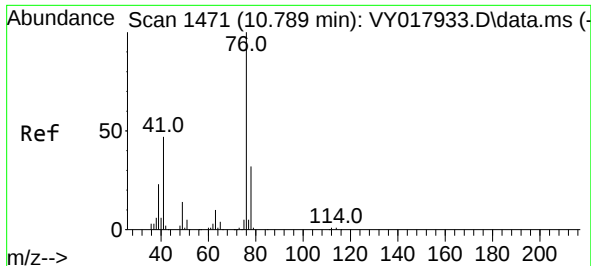
Tgt Ion:	97	Resp:	158807
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.5	101.3
85	57.0	42.9	64.3
99	60.8	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.28 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion:	69	Resp:	211565
Ion	Ratio	Lower	Upper
69	100		
41	54.1	42.3	63.5
39	26.8	22.9	34.3





#57

1,3-Dichloropropane

Concen: 51.66 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

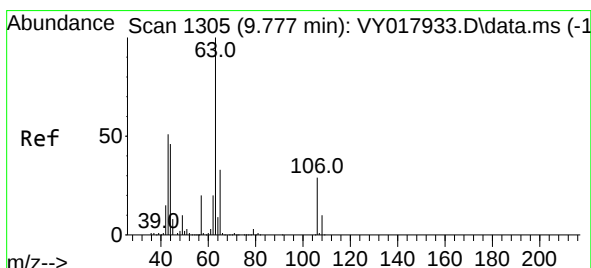
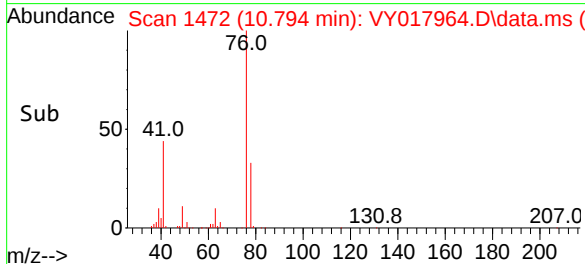
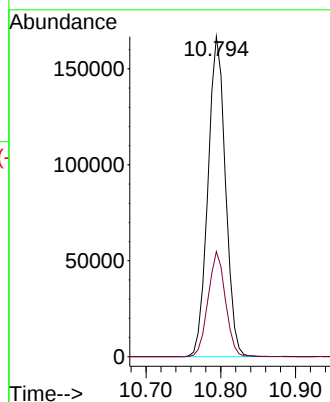
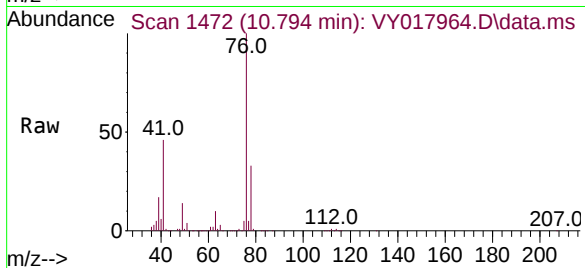
VSTDCCC050

Tgt Ion: 76 Resp: 271537

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.55 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017964.D

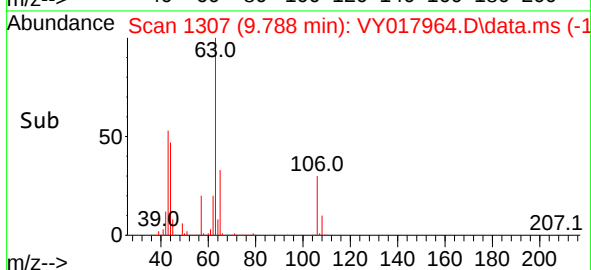
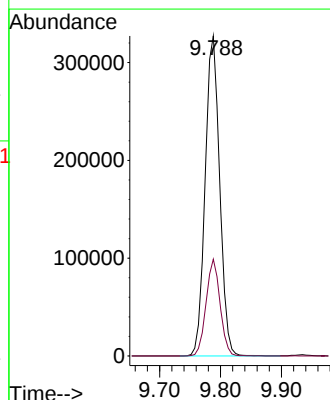
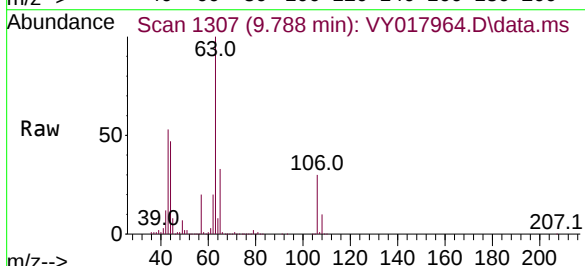
Acq: 18 Apr 2024 09:02

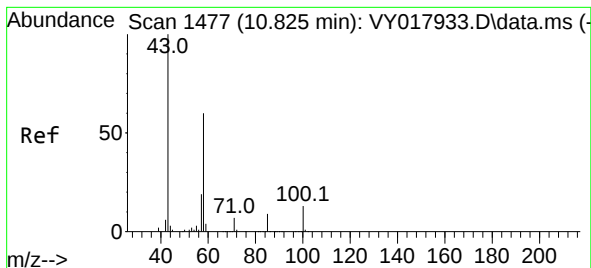
Tgt Ion: 63 Resp: 541717

Ion Ratio Lower Upper

63 100

106 29.1 23.7 35.5

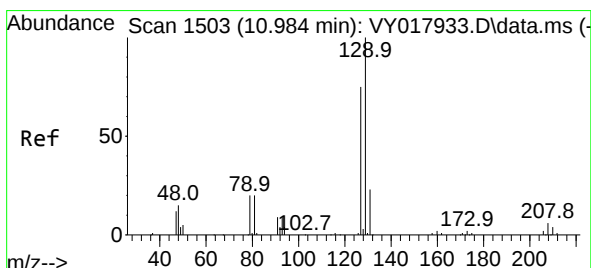
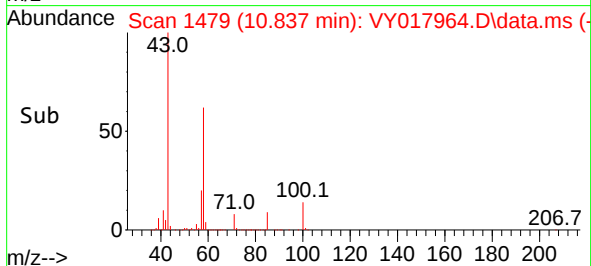
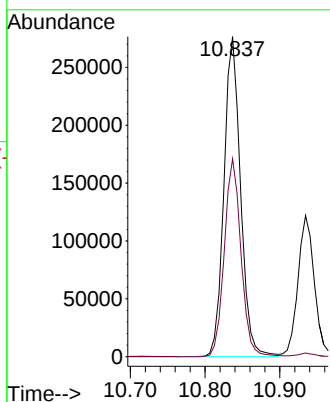
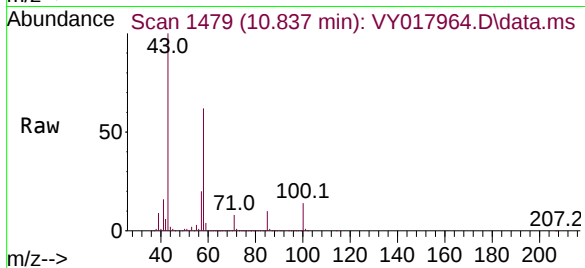




#59
2-Hexanone
Concen: 269.42 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

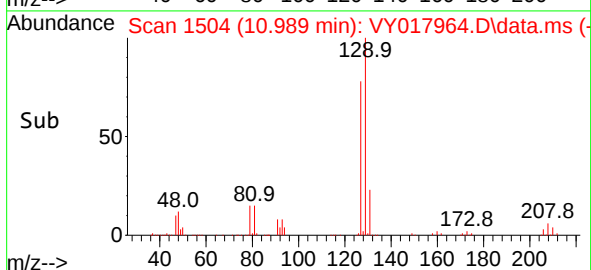
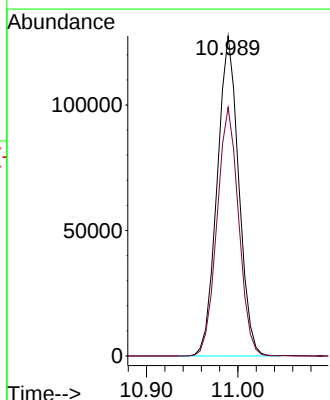
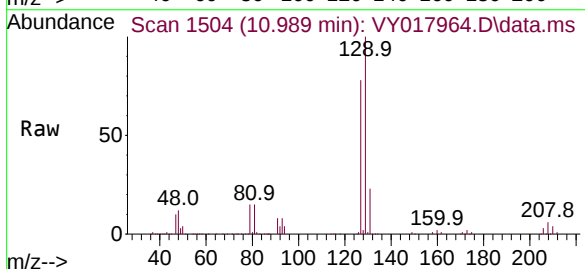
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

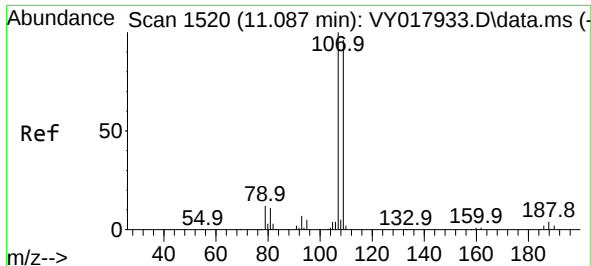
Tgt Ion: 43 Resp: 428071
Ion Ratio Lower Upper
43 100
58 62.1 31.4 94.0



#60
Dibromochloromethane
Concen: 52.42 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 129 Resp: 209111
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

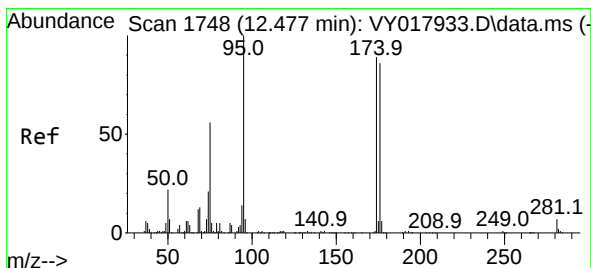
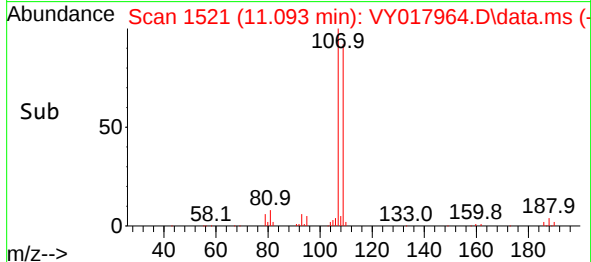
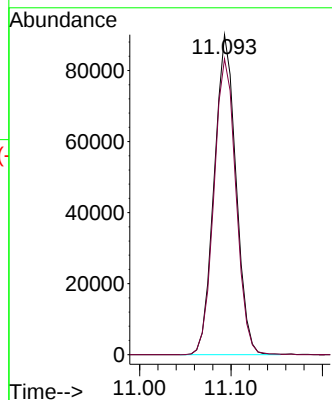
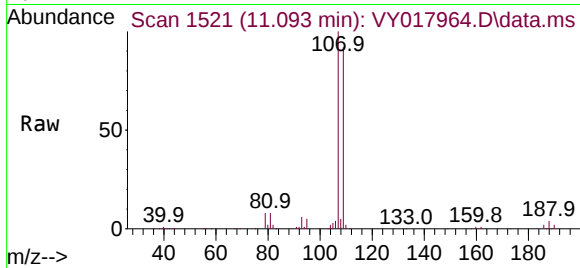




#61
1,2-Dibromoethane
Concen: 51.40 ug/l
RT: 11.093 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

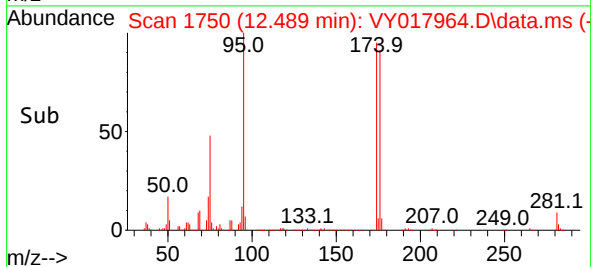
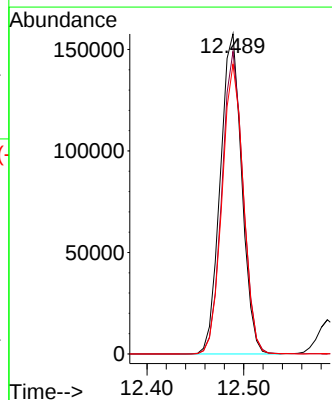
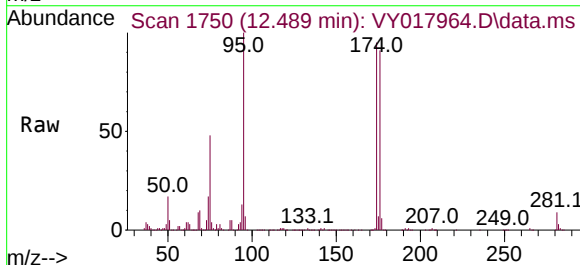
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

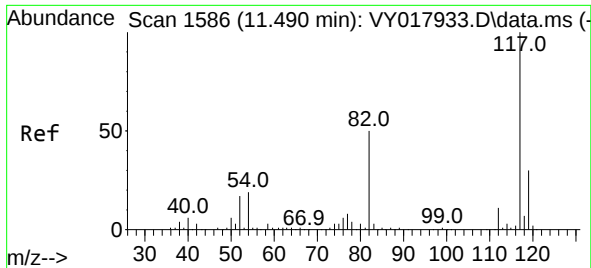
Tgt Ion:107 Resp: 148685
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.51 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 95 Resp: 242932
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 89.8 0.0 171.4

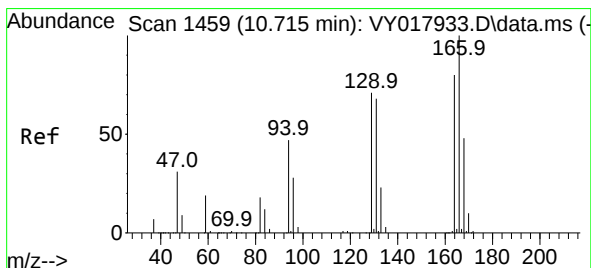
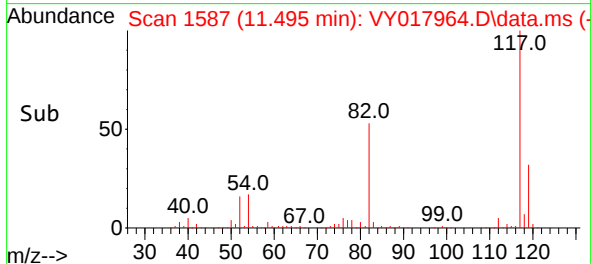
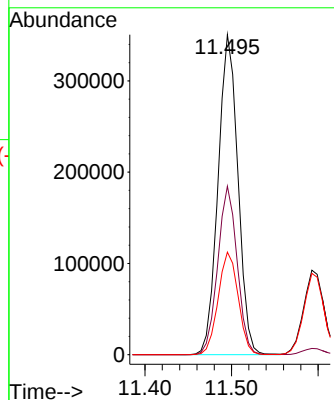
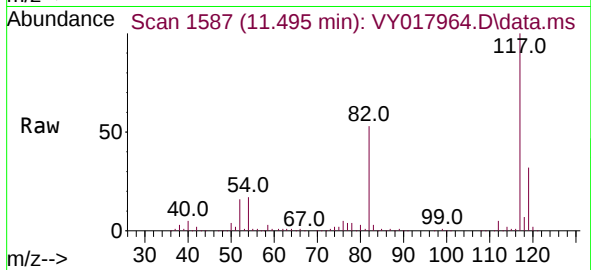




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

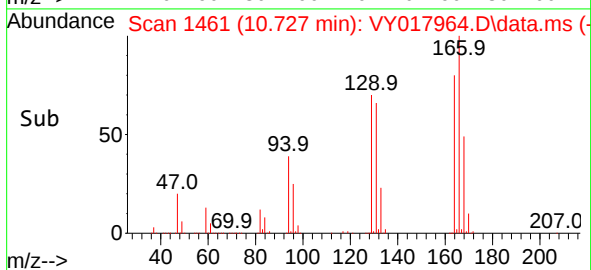
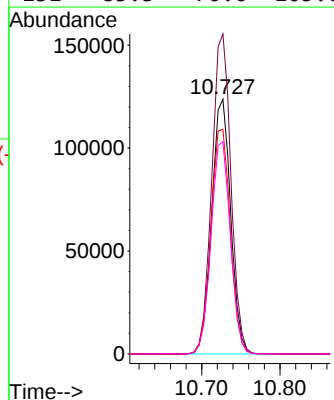
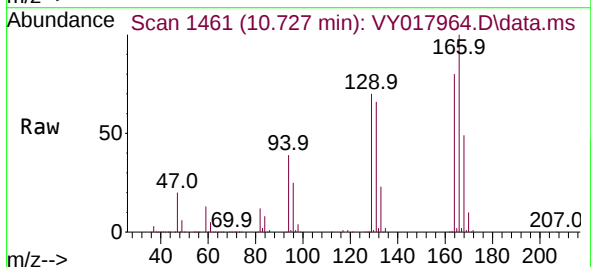
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

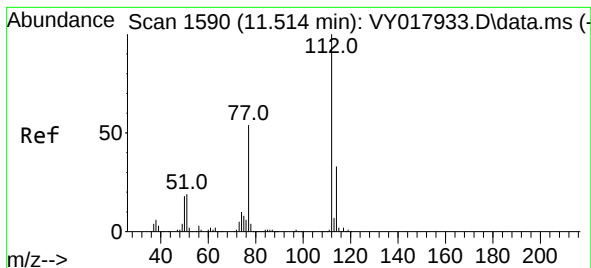
Tgt Ion:117 Resp: 558080
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 52.26 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion:164 Resp: 208919
Ion Ratio Lower Upper
164 100
166 125.6 102.6 154.0
129 88.2 72.0 108.0
131 83.3 70.0 105.0





#65

Chlorobenzene

Concen: 52.51 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

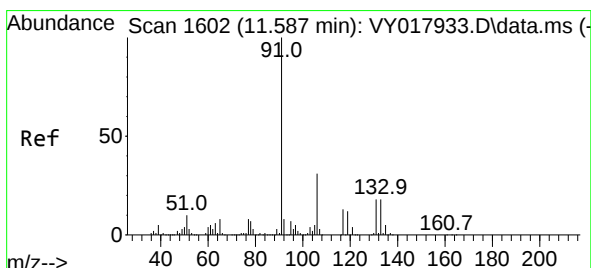
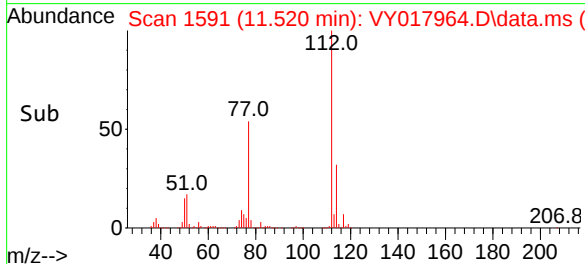
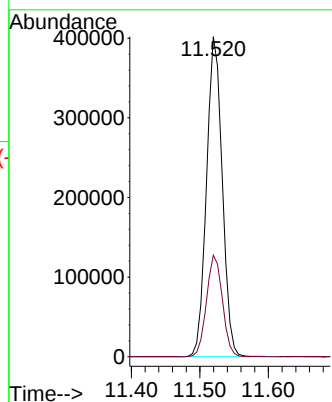
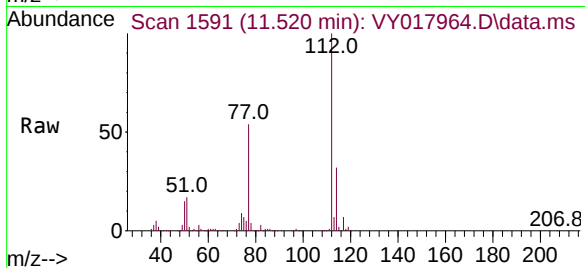
VSTDCCC050

Tgt Ion:112 Resp: 642297

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.75 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

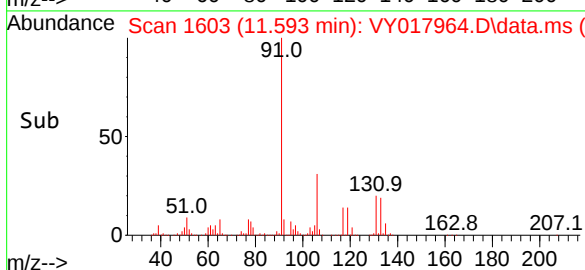
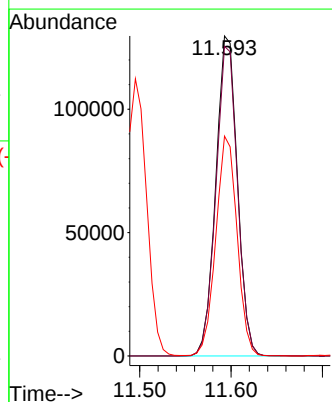
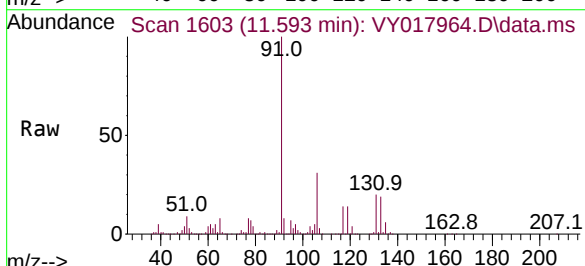
Tgt Ion:131 Resp: 212768

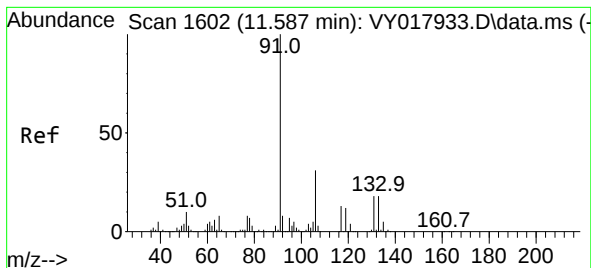
Ion Ratio Lower Upper

131 100

133 96.8 47.8 143.3

119 67.8 34.1 102.2





#67

Ethyl Benzene

Concen: 53.38 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

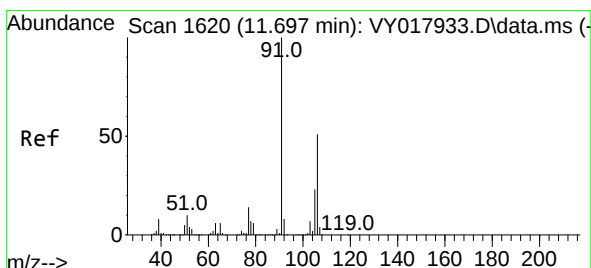
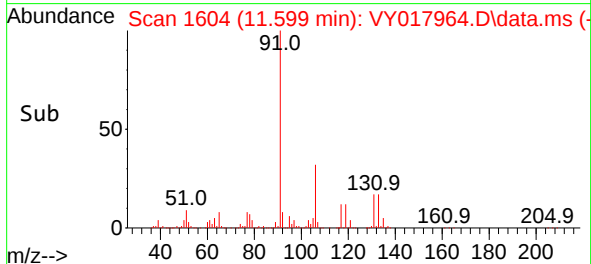
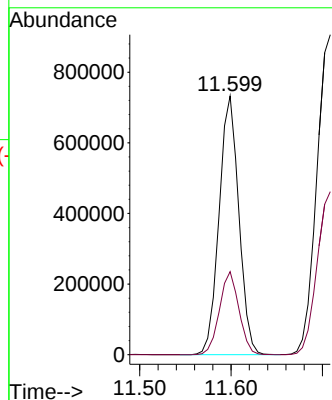
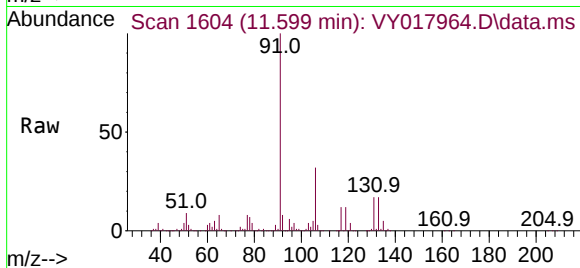
VSTDCCC050

Tgt Ion: 91 Resp: 1099299

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 107.10 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY017964.D

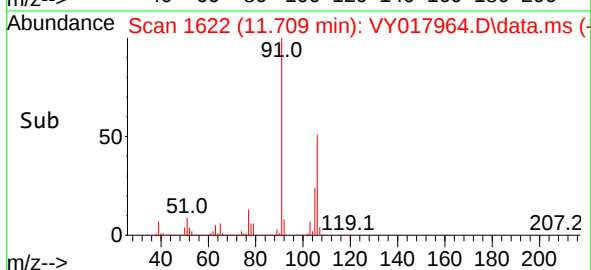
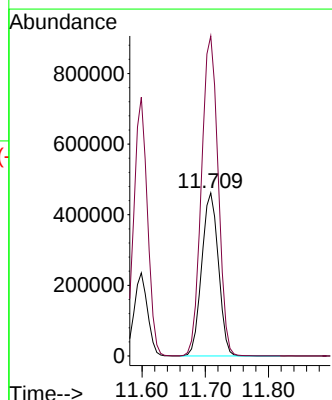
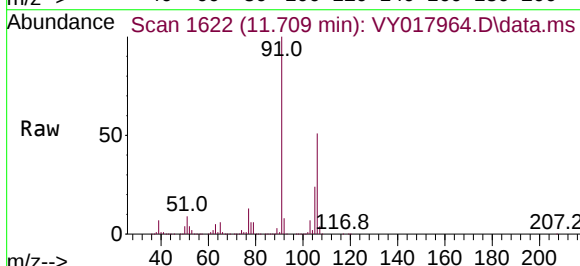
Acq: 18 Apr 2024 09:02

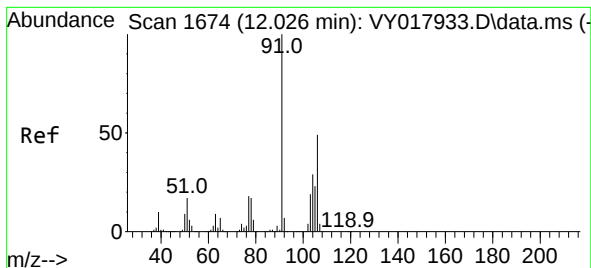
Tgt Ion:106 Resp: 847166

Ion Ratio Lower Upper

106 100

91 196.3 156.0 234.0





#69

o-Xylene

Concen: 54.29 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

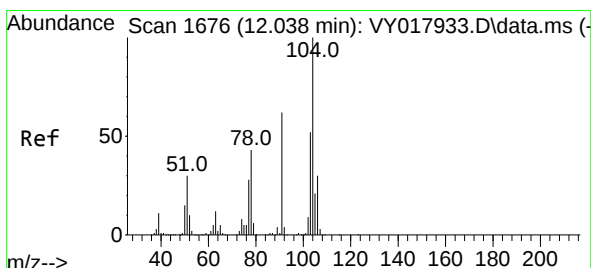
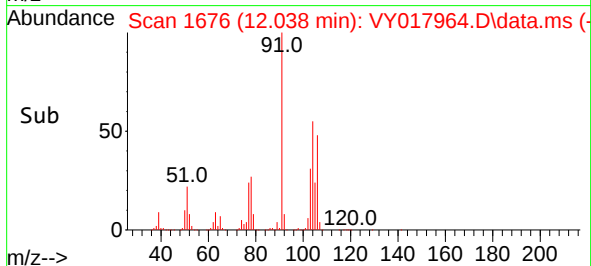
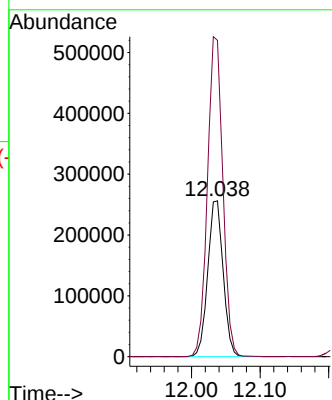
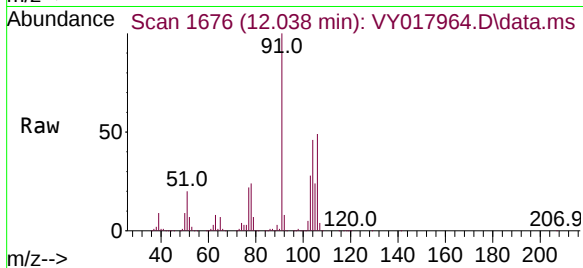
VSTDCCC050

Tgt Ion:106 Resp: 400995

Ion Ratio Lower Upper

106 100

91 205.0 103.6 310.8



#70

Styrene

Concen: 54.96 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

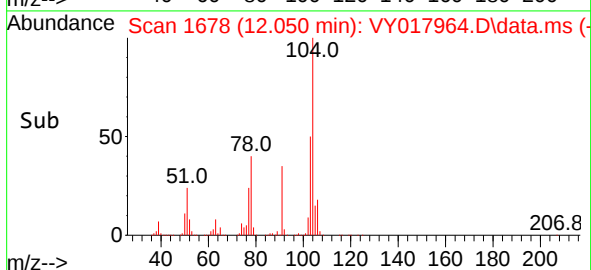
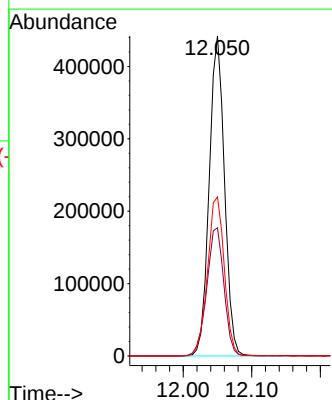
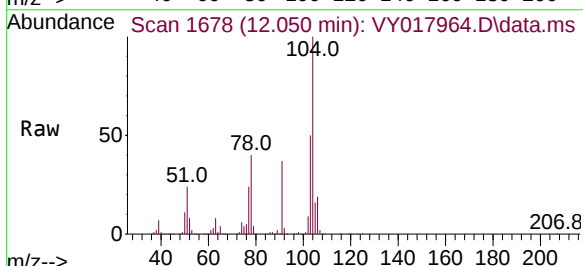
Tgt Ion:104 Resp: 686198

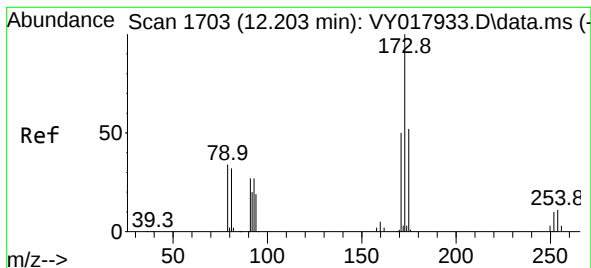
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 51.65 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

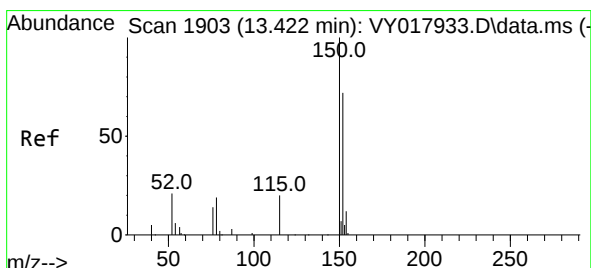
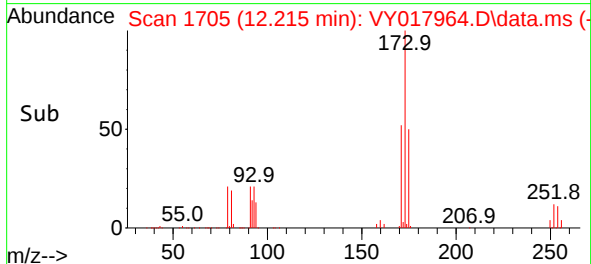
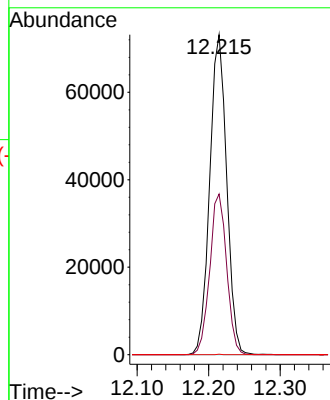
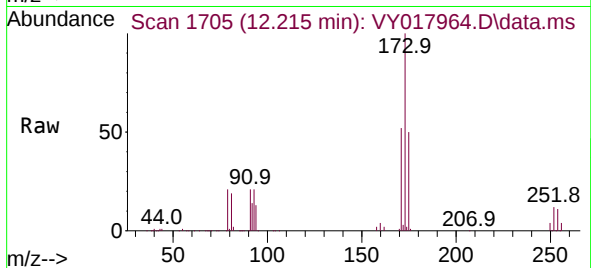
Tgt Ion:173 Resp: 120366

Ion Ratio Lower Upper

173 100

175 50.0 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

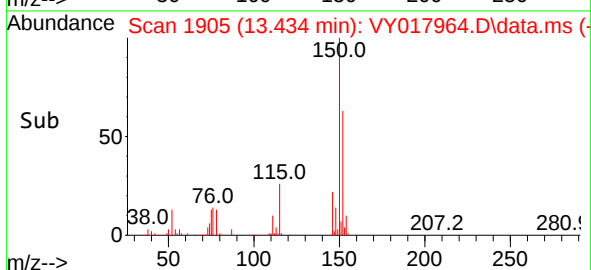
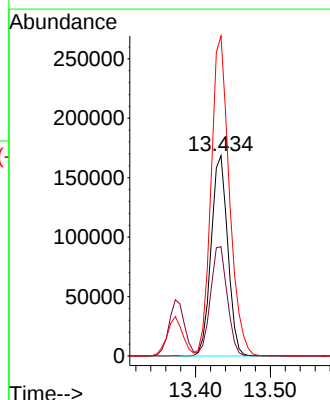
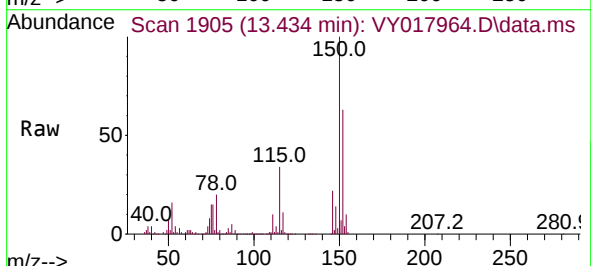
Tgt Ion:152 Resp: 260029

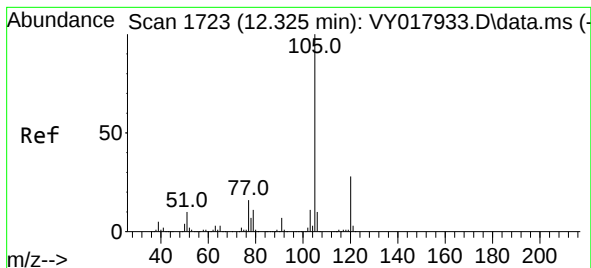
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 175.5 0.0 345.6





#73

Isopropylbenzene

Concen: 54.22 ug/l

RT: 12.336 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

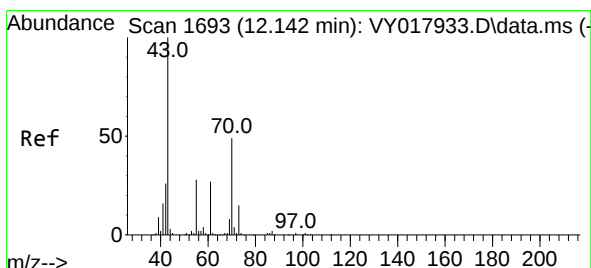
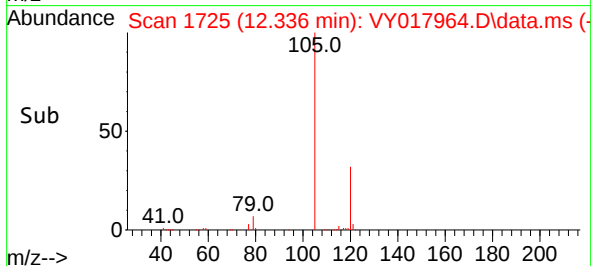
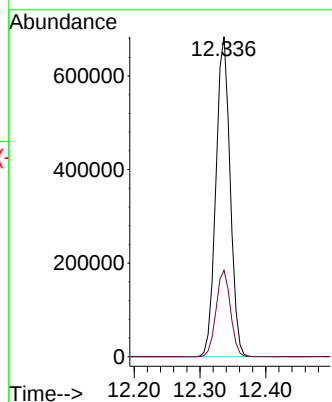
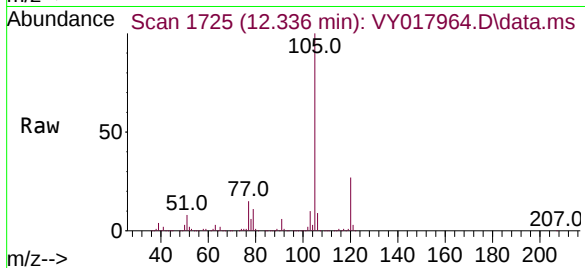
VSTDCCC050

Tgt Ion:105 Resp: 1027364

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 50.11 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Tgt Ion: 43 Resp: 191649

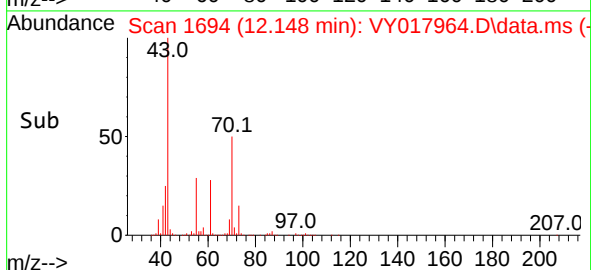
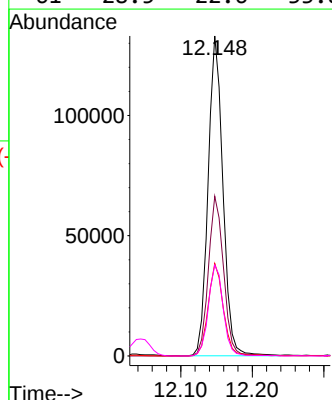
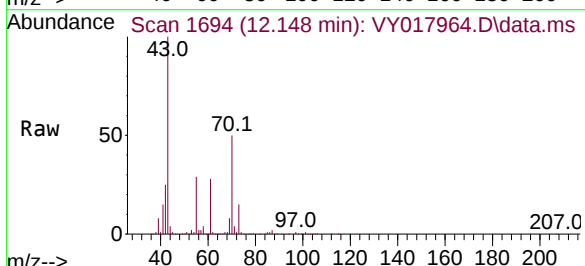
Ion Ratio Lower Upper

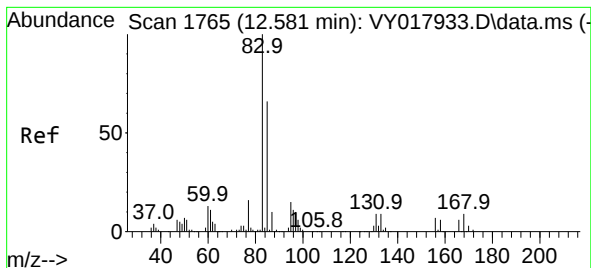
43 100

70 51.2 41.4 62.2

55 29.8 23.3 34.9

61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.27 ug/l

RT: 12.586 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

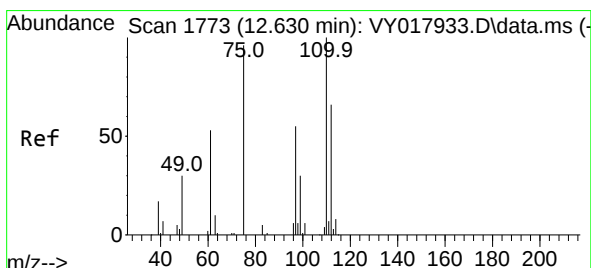
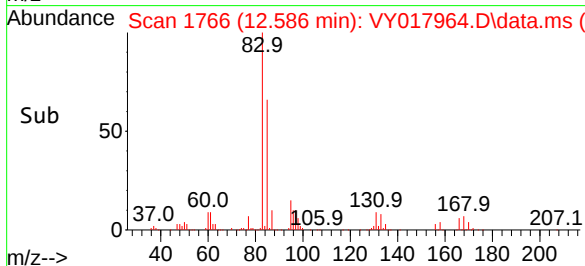
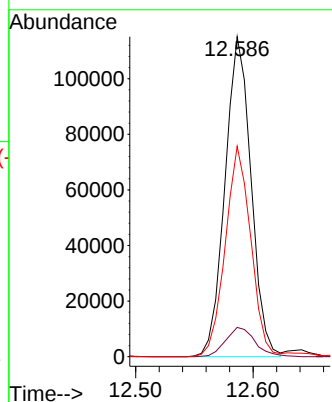
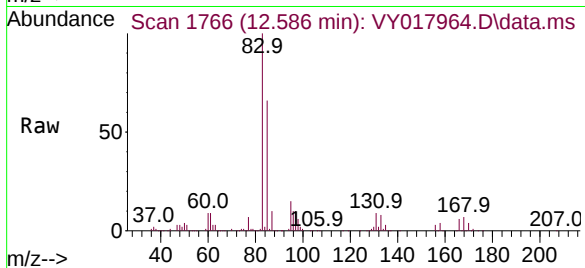
Tgt Ion: 83 Resp: 177650

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 65.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 87.63 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY017964.D

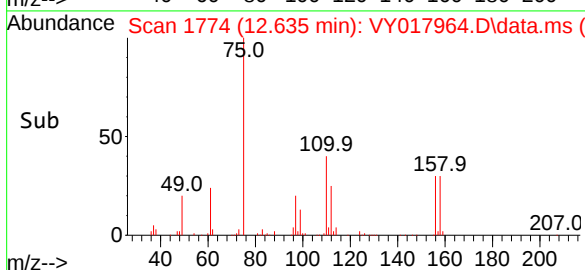
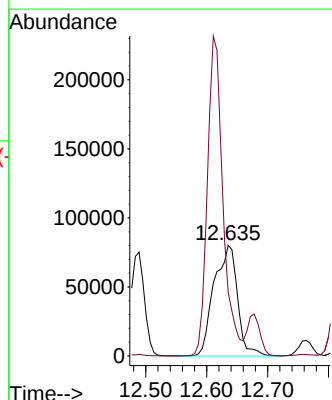
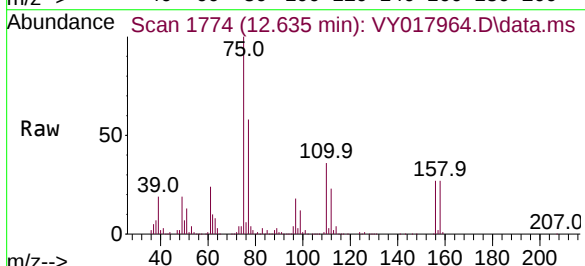
Acq: 18 Apr 2024 09:02

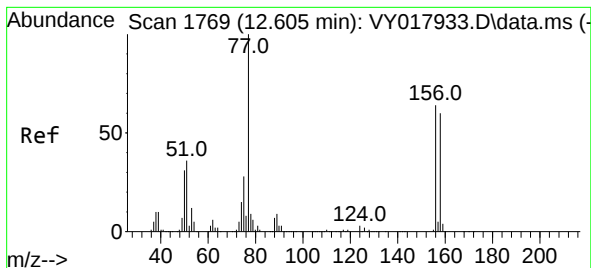
Tgt Ion: 75 Resp: 213832

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.07 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

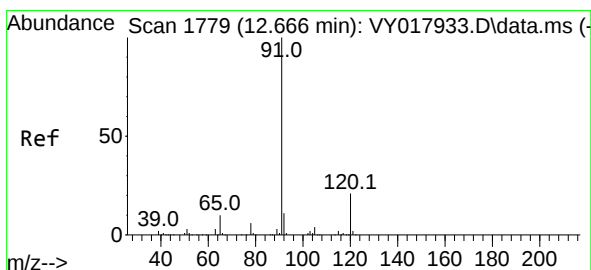
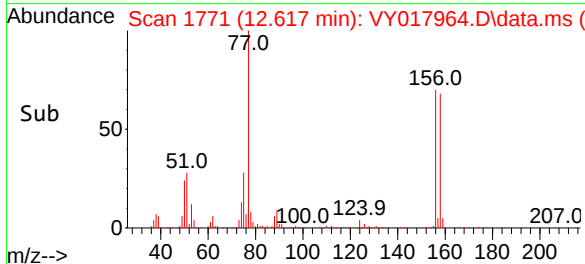
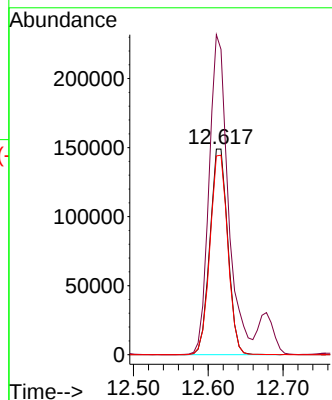
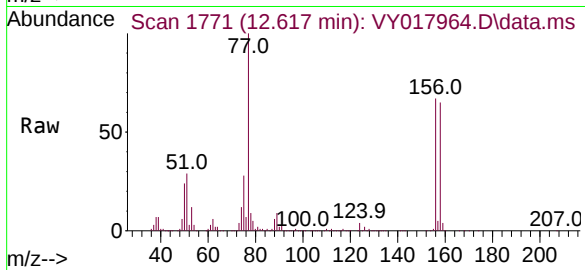
Tgt Ion:156 Resp: 247902

Ion Ratio Lower Upper

156 100

77 166.7 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 53.74 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017964.D

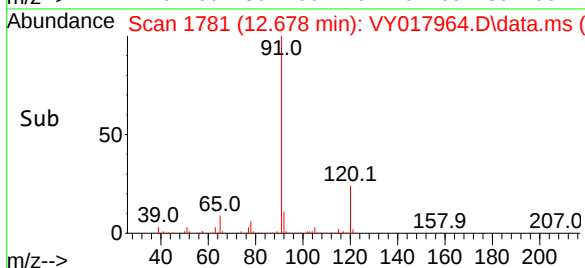
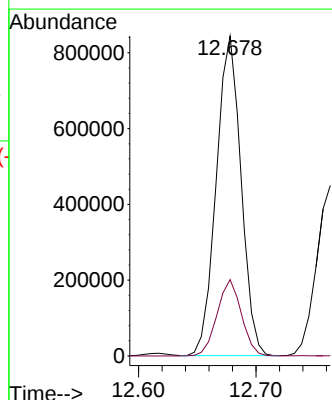
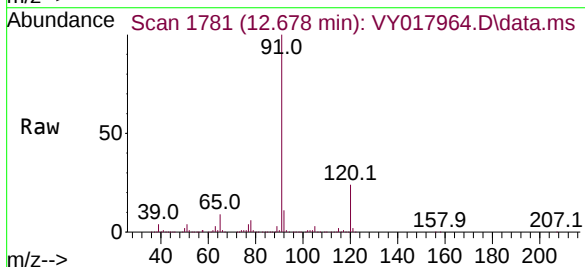
Acq: 18 Apr 2024 09:02

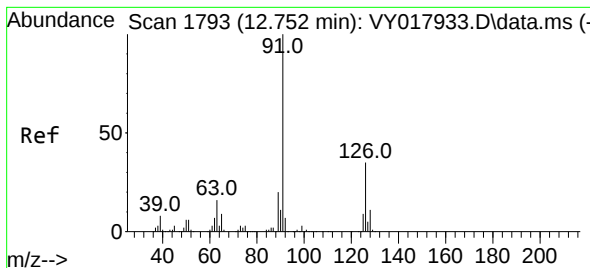
Tgt Ion: 91 Resp: 1235473

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.19 ug/l

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

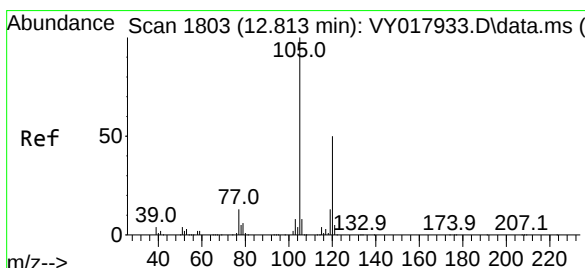
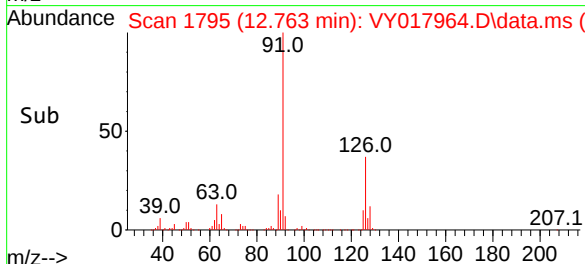
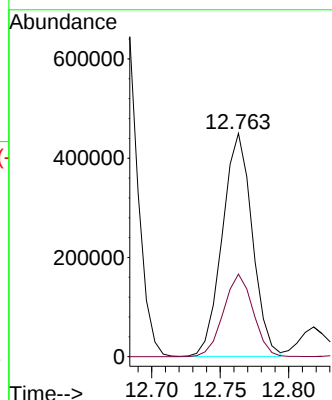
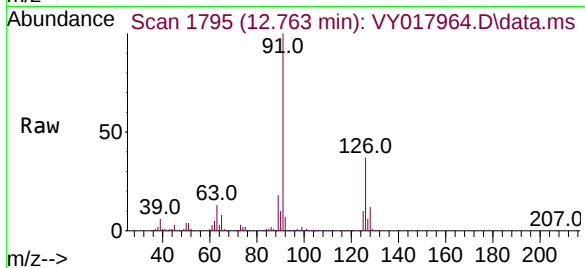
VSTDCCC050

Tgt Ion: 91 Resp: 684437

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.37 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY017964.D

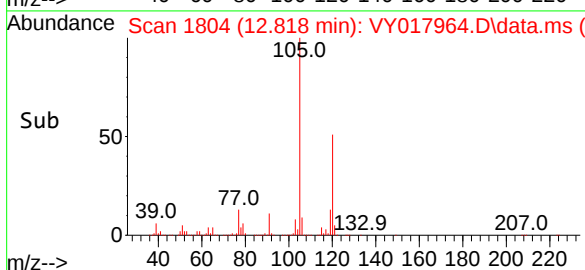
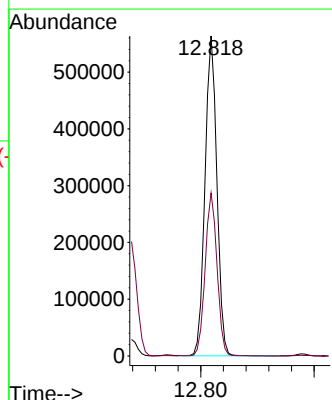
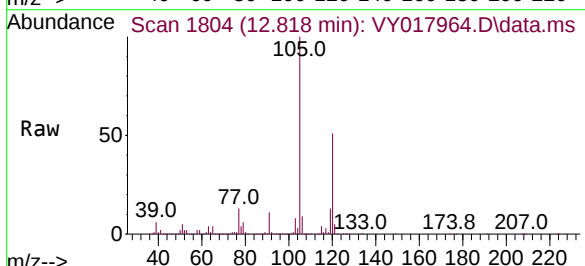
Acq: 18 Apr 2024 09:02

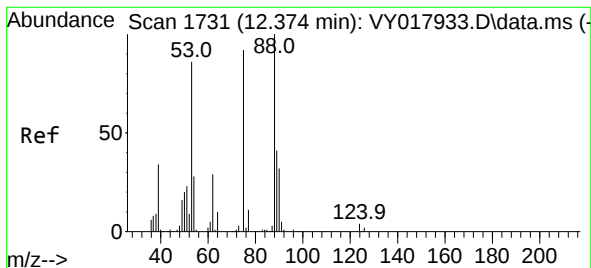
Tgt Ion:105 Resp: 816860

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

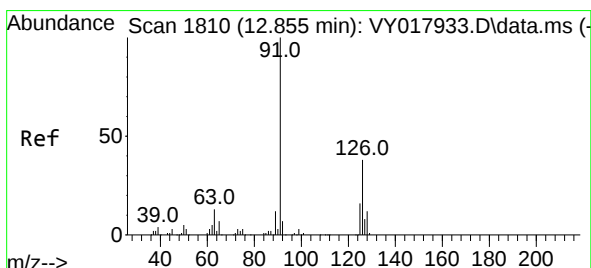
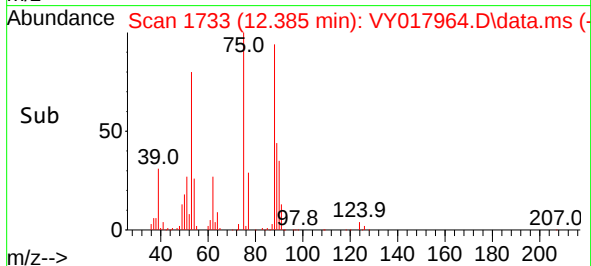
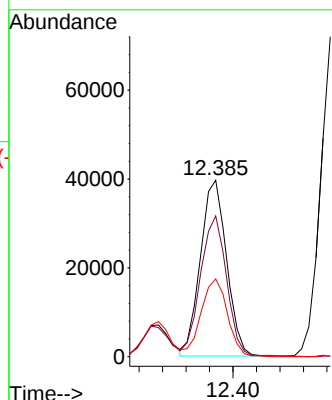
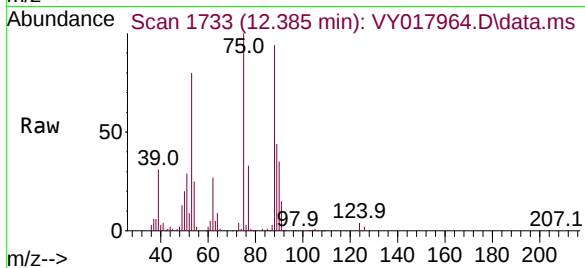




#81
trans-1,4-Dichloro-2-butene
Concen: 51.82 ug/l
RT: 12.385 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

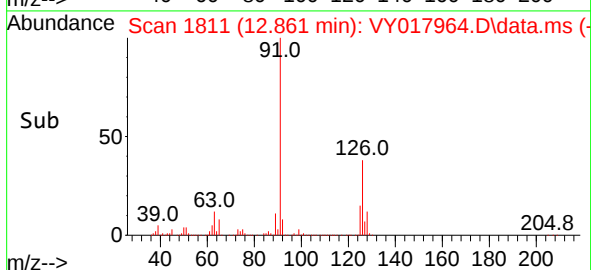
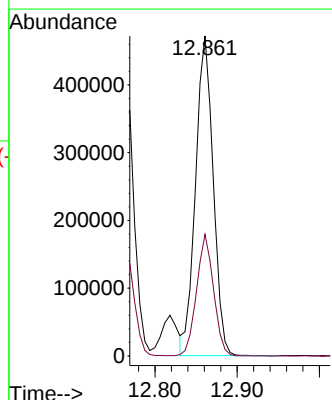
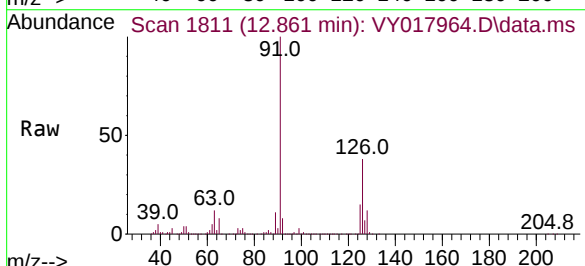
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

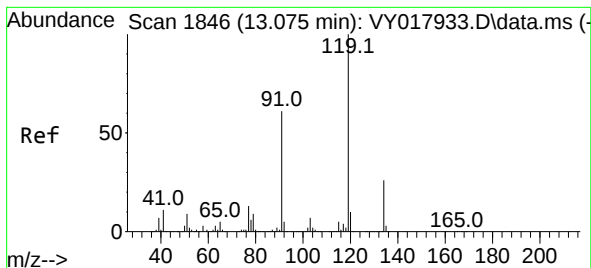
Tgt Ion: 75 Resp: 61327
Ion Ratio Lower Upper
75 100
53 80.3 66.8 100.2
89 44.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.71 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 91 Resp: 702460
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.88 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

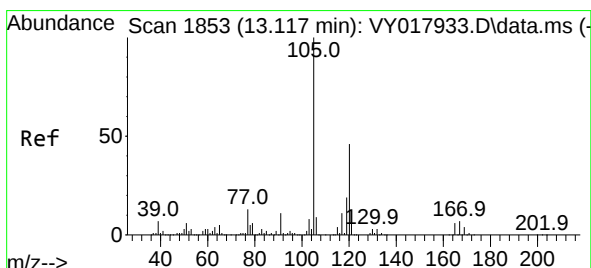
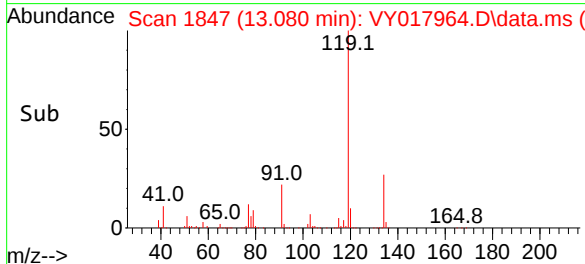
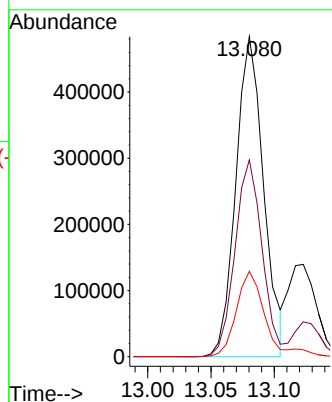
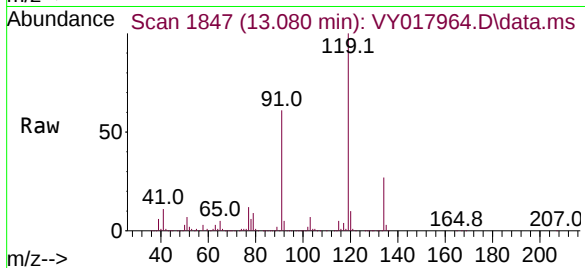
Tgt Ion:119 Resp: 739294

Ion Ratio Lower Upper

119 100

91 59.8 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.16 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017964.D

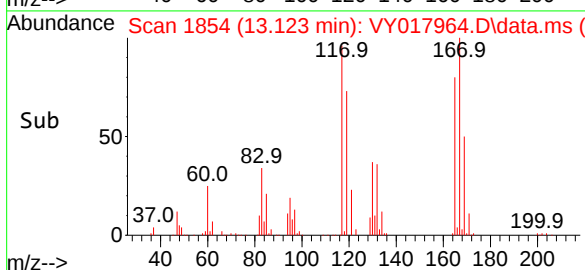
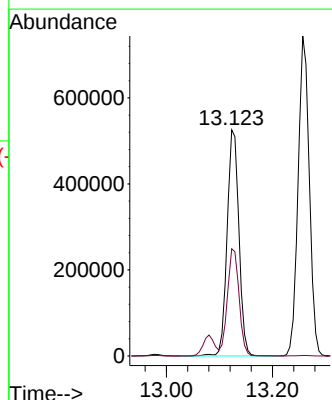
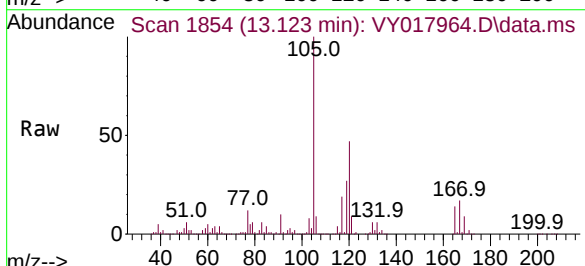
Acq: 18 Apr 2024 09:02

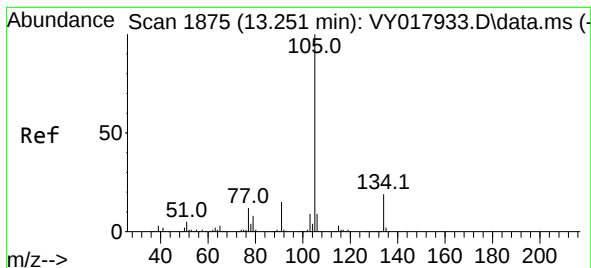
Tgt Ion:105 Resp: 810397

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.93 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

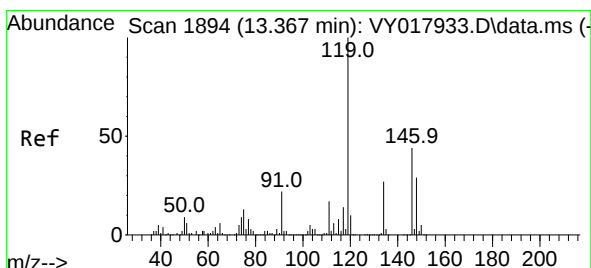
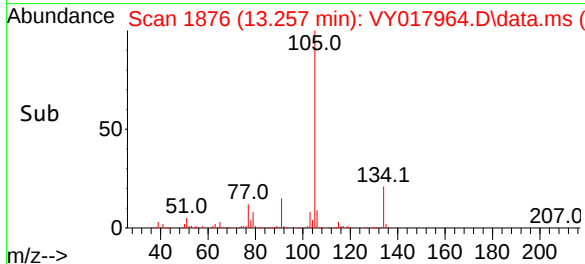
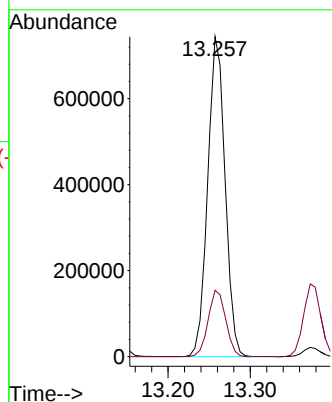
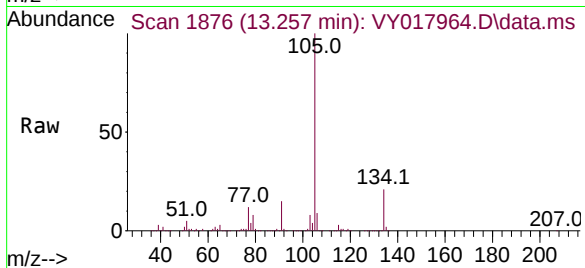
VSTDCCC050

Tgt Ion:105 Resp: 1090835

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.62 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

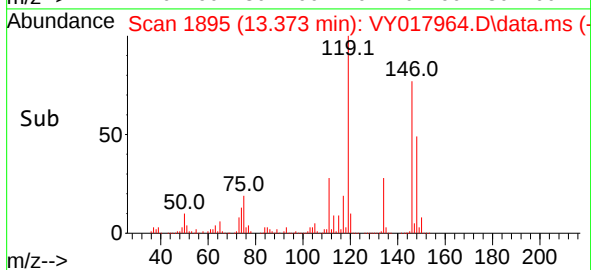
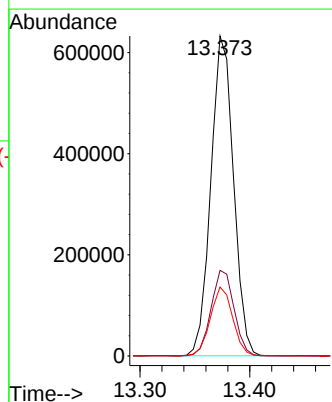
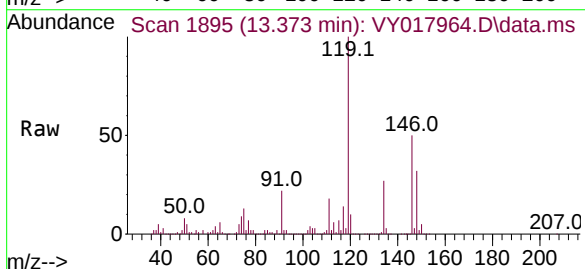
Tgt Ion:119 Resp: 908142

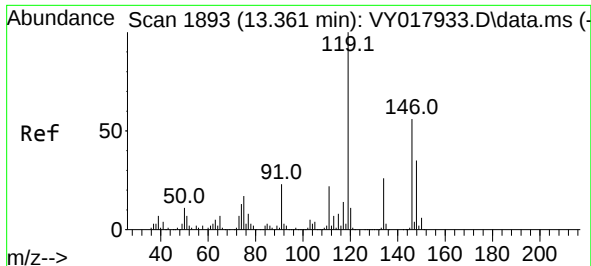
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.33 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

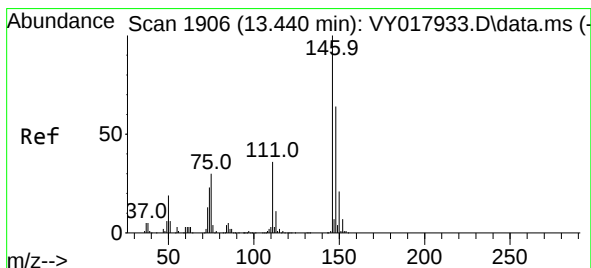
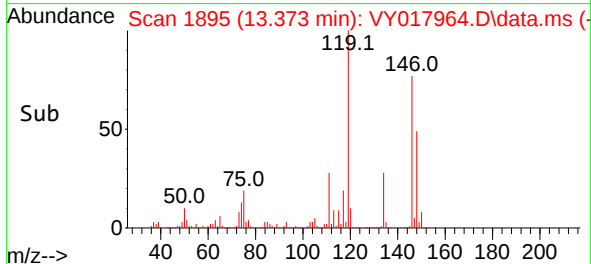
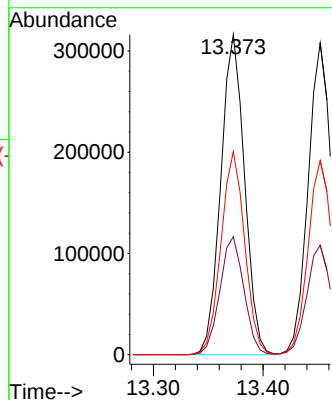
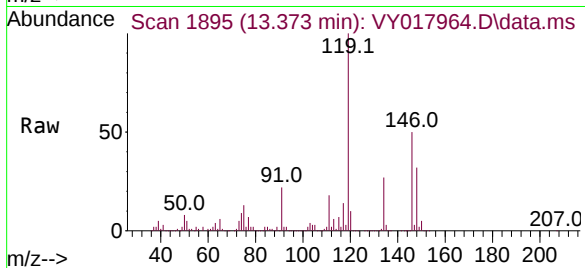
Tgt Ion:146 Resp: 476032

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.92 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

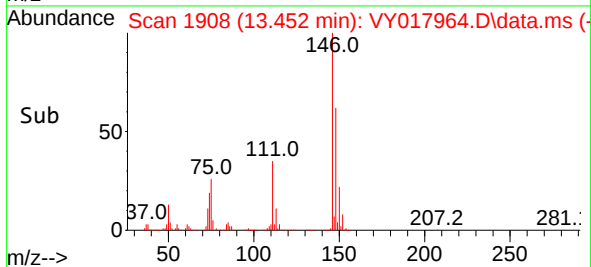
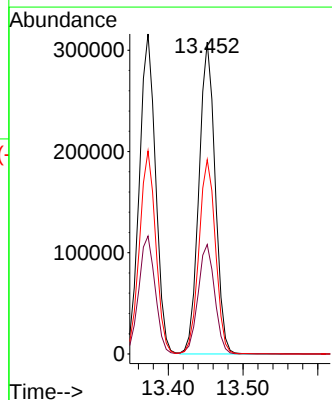
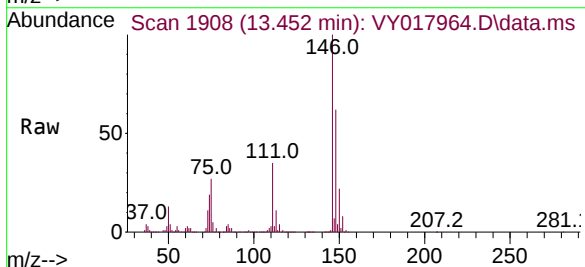
Tgt Ion:146 Resp: 463713

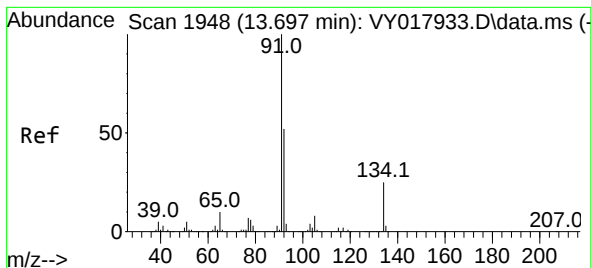
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 52.73 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

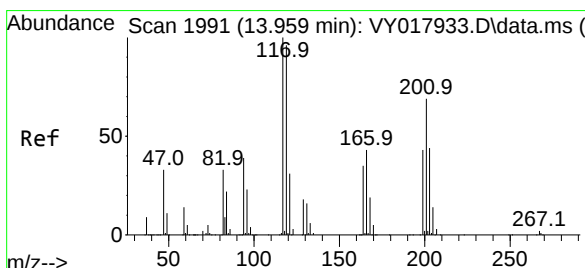
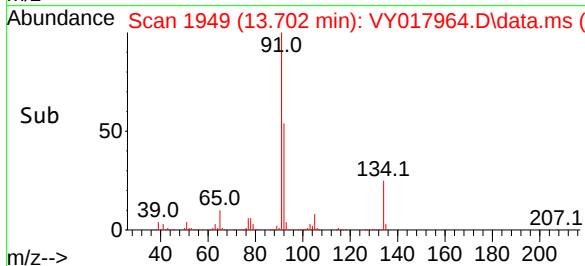
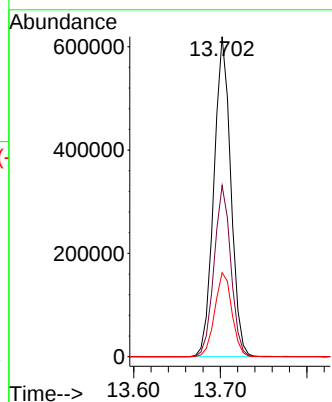
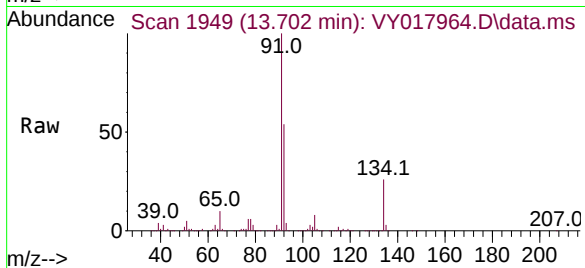
Tgt Ion: 91 Resp: 840169

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 26.6 12.9 38.7



#90

Hexachloroethane

Concen: 51.83 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY017964.D

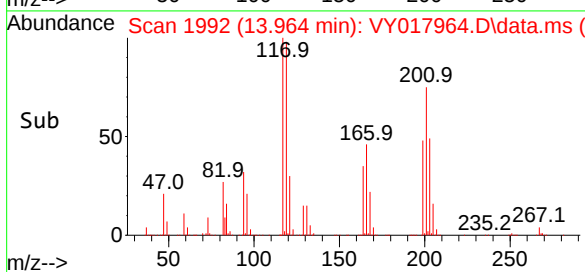
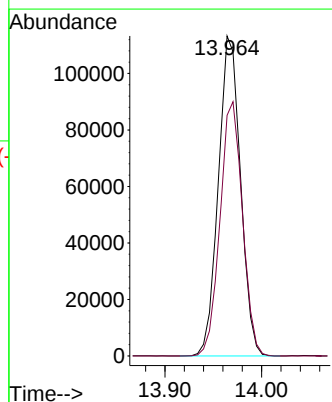
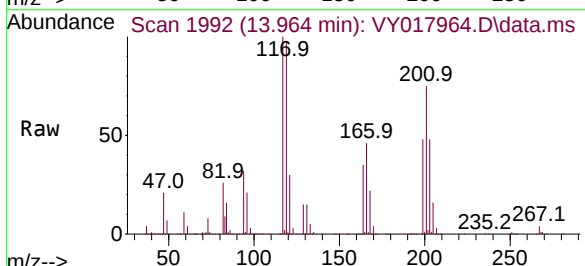
Acq: 18 Apr 2024 09:02

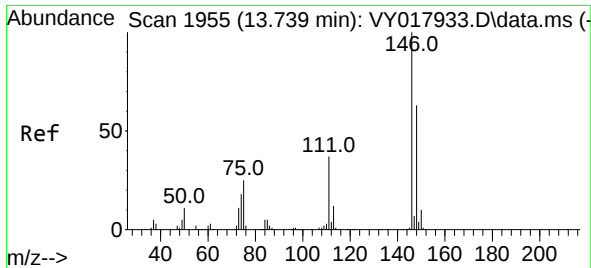
Tgt Ion: 117 Resp: 179983

Ion Ratio Lower Upper

117 100

201 80.3 37.4 112.2

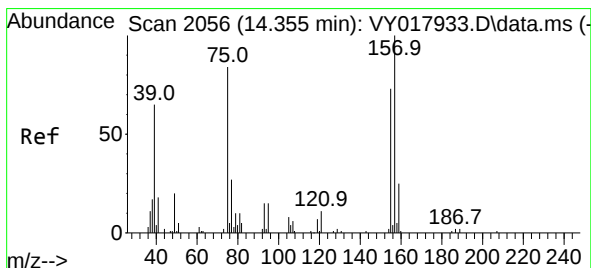
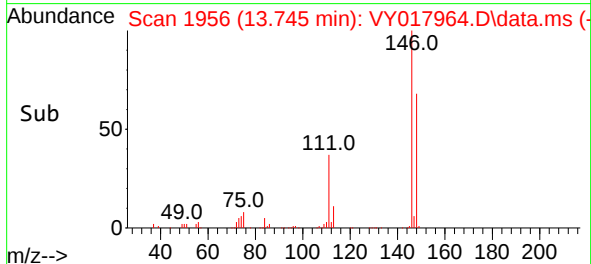
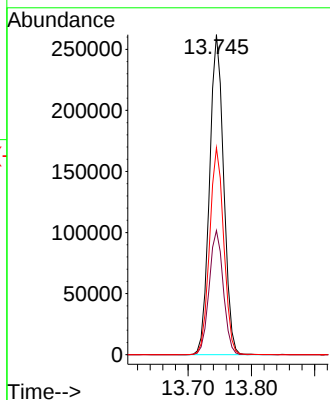
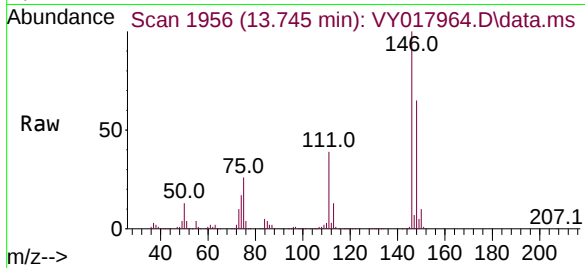




#91
1,2-Dichlorobenzene
Concen: 51.82 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

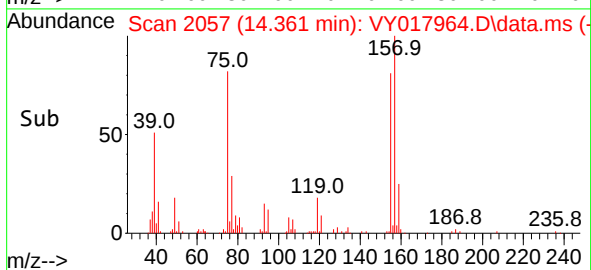
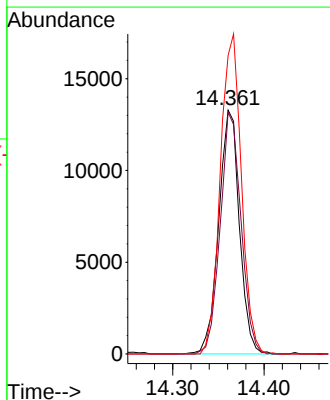
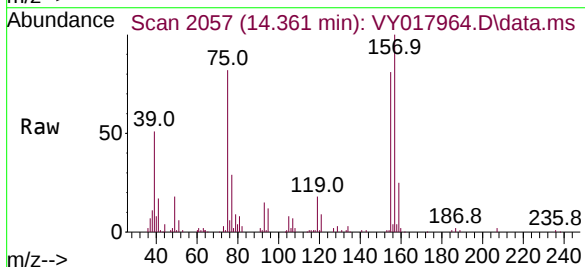
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

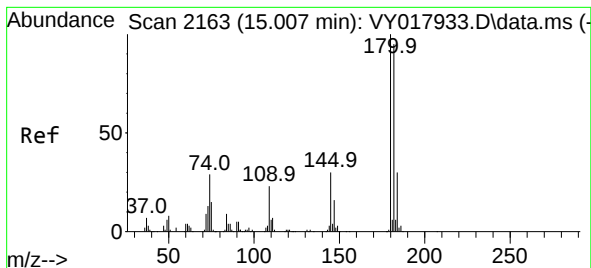
Tgt Ion:146 Resp: 406723
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 64.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.04 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY017964.D
Acq: 18 Apr 2024 09:02

Tgt Ion: 75 Resp: 20926
Ion Ratio Lower Upper
75 100
155 99.4 48.6 145.8
157 133.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.56 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

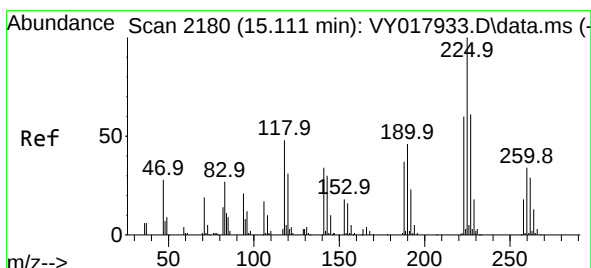
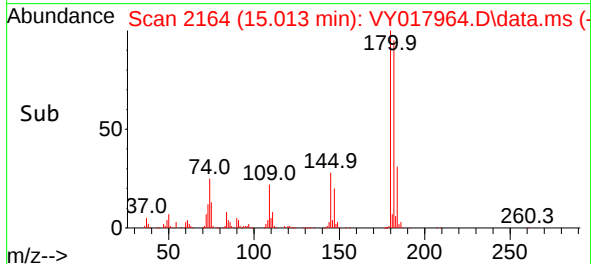
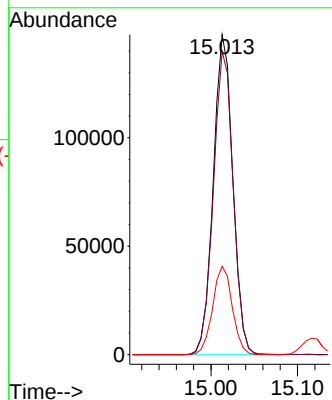
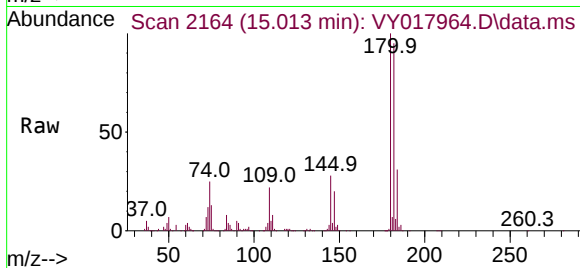
Tgt Ion:180 Resp: 231113

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.20 ug/l

RT: 15.116 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

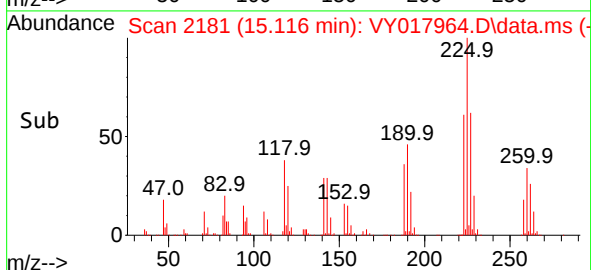
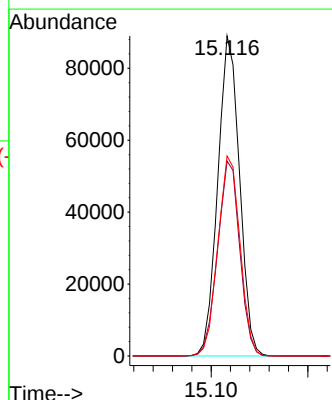
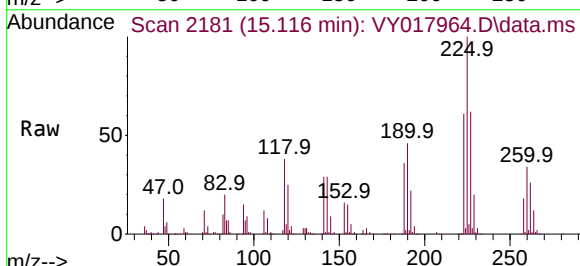
Tgt Ion:225 Resp: 138821

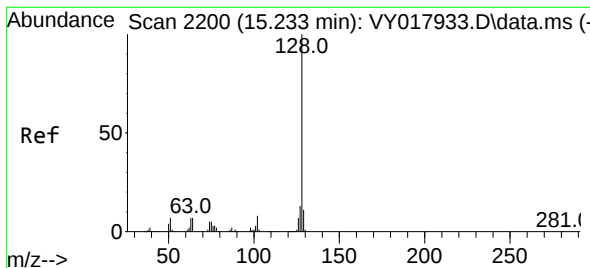
Ion Ratio Lower Upper

225 100

223 61.8 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 50.47 ug/l

RT: 15.245 min Scan# 2200

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

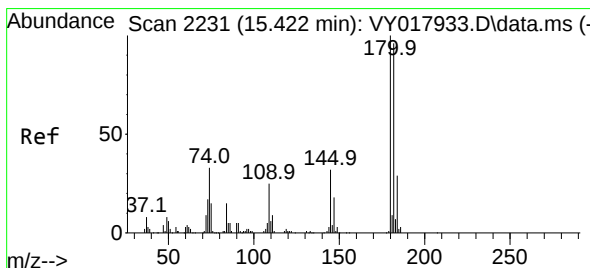
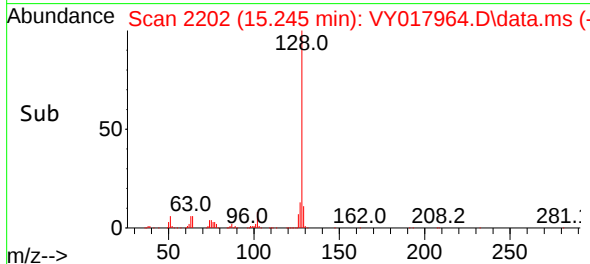
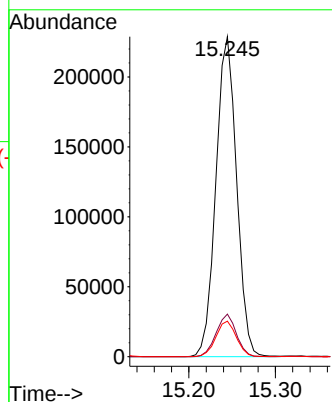
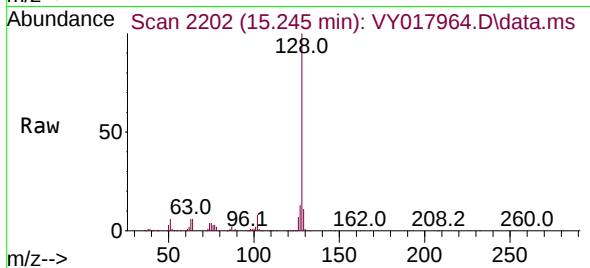
Tgt Ion:128 Resp: 380106

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.29 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.012 min

Lab File: VY017964.D

Acq: 18 Apr 2024 09:02

Tgt Ion:180 Resp: 192891

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 30.2 15.4 46.1

