

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019016.D
 Acq On : 12 Aug 2024 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 01:20:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	52258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	78536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	72902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	23919	52.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.260%	
35) Dibromofluoromethane	7.628	113	26684	53.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.400%	
50) Toluene-d8	10.103	98	99461	51.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.408	95	29292	51.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	16563	46.111	ug/l	95
3) Chloromethane	2.068	50	47362	56.499	ug/l	99
4) Vinyl Chloride	2.202	62	65357	54.295	ug/l	97
5) Bromomethane	2.586	94	53526	55.732	ug/l	90
6) Chloroethane	2.732	64	44658	55.170	ug/l	93
7) Trichlorofluoromethane	3.043	101	85465	53.272	ug/l	93
8) Diethyl Ether	3.446	74	14139	57.172	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	24931	49.741	ug/l #	91
10) Methyl Iodide	3.994	142	28721	53.068	ug/l	94
11) Tert butyl alcohol	4.836	59	9958	251.030	ug/l #	82
12) 1,1-Dichloroethene	3.775	96	24017	50.721	ug/l	93
13) Acrolein	3.647	56	9784	202.293	ug/l	93
14) Allyl chloride	4.366	41	31831	50.263	ug/l #	85
15) Acrylonitrile	5.037	53	28356	292.476	ug/l	98
16) Acetone	3.854	43	20553	183.449	ug/l #	81
17) Carbon Disulfide	4.098	76	71350	50.690	ug/l	98
18) Methyl Acetate	4.372	43	19624	76.952	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	62925	54.029	ug/l	94
20) Methylene Chloride	4.604	84	28405	54.580	ug/l #	83
21) trans-1,2-Dichloroethene	5.104	96	28580	54.551	ug/l	91
22) Diisopropyl ether	6.012	45	76906	55.707	ug/l #	88
23) Vinyl Acetate	5.951	43	318702	267.490	ug/l	94
24) 1,1-Dichloroethane	5.909	63	46484	54.885	ug/l	97
25) 2-Butanone	6.884	43	37221	250.549	ug/l #	84
26) 2,2-Dichloropropane	6.872	77	32173	40.361	ug/l	95
27) cis-1,2-Dichloroethene	6.878	96	34635	55.252	ug/l	95
28) Bromochloromethane	7.232	49	22662	58.121	ug/l	92
29) Tetrahydrofuran	7.250	42	25602	292.269	ug/l	91
30) Chloroform	7.408	83	51743	57.113	ug/l	95
31) Cyclohexane	7.689	56	37610	52.617	ug/l	93
32) 1,1,1-Trichloroethane	7.604	97	44742	54.635	ug/l	95
36) 1,1-Dichloropropene	7.823	75	35442	52.637	ug/l	99
37) Ethyl Acetate	6.970	43	16981	55.177	ug/l	98
38) Carbon Tetrachloride	7.811	117	42173	54.627	ug/l	96
39) Methylcyclohexane	9.103	83	46088	50.852	ug/l	96
40) Benzene	8.073	78	112110	56.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	25211	180.968	ug/l #	40
42) 1,2-Dichloroethane	8.146	62	29282	58.754	ug/l	100
43) Isopropyl Acetate	8.189	43	35052	56.004	ug/l #	77
44) Trichloroethene	8.859	130	31797	55.721	ug/l	94
45) 1,2-Dichloropropane	9.134	63	25016	55.845	ug/l	98
46) Dibromomethane	9.225	93	17894	61.822	ug/l	96
47) Bromodichloromethane	9.420	83	39116	57.750	ug/l	98
48) Methyl methacrylate	9.213	41	16124	58.971	ug/l #	74
49) 1,4-Dioxane	9.219	88	4448	1300.737	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	101317	313.877	ug/l #	86
52) Toluene	10.170	92	77157	58.020	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	31953	52.900	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	38465	53.610	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	21440	60.318	ug/l	97
56) Ethyl methacrylate	10.438	69	27264	56.650	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	34498	58.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	66075	266.307	ug/l	98
59) 2-Hexanone	10.762	43	66053	285.265	ug/l	84
60) Dibromochloromethane	10.908	129	30061	63.080	ug/l	95
61) 1,2-Dibromoethane	11.012	107	20019	58.328	ug/l	100
64) Tetrachloroethene	10.646	164	36119	59.102	ug/l	98
65) Chlorobenzene	11.444	112	87865	54.893	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.511	131	30158	53.867	ug/l	99
67) Ethyl Benzene	11.518	91	146983	53.038	ug/l	94
68) m/p-Xylenes	11.627	106	121842	107.220	ug/l	94
69) o-Xylene	11.956	106	57234	54.571	ug/l	94
70) Styrene	11.969	104	98354	56.935	ug/l	98
71) Bromoform	12.133	173	16773	57.611	ug/l #	99
73) Isopropylbenzene	12.255	105	140990	48.832	ug/l	97
74) N-amyl acetate	12.072	43	32067	48.131	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	24183	51.902	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	29824	100.646	ug/l #	100
77) Bromobenzene	12.530	156	36457	54.203	ug/l	87
78) n-propylbenzene	12.597	91	164712	48.200	ug/l	96
79) 2-Chlorotoluene	12.682	91	85338	48.237	ug/l	89
80) 1,3,5-Trimethylbenzene	12.737	105	112727	49.821	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	6141	42.703	ug/l	88
82) 4-Chlorotoluene	12.779	91	95100	52.504	ug/l	94
83) tert-Butylbenzene	12.999	119	104990	49.126	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	116594	50.797	ug/l	95
85) sec-Butylbenzene	13.176	105	151093	48.809	ug/l	95
86) p-Isopropyltoluene	13.292	119	134993	50.360	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	71838	52.286	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	69177	51.628	ug/l	98
89) n-Butylbenzene	13.621	91	116684	49.593	ug/l	98
90) Hexachloroethane	13.883	117	26025	51.454	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	62921	55.701	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3309	51.627	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	36286	58.337	ug/l	96
94) Hexachlorobutadiene	15.023	225	17903	52.481	ug/l	100
95) Naphthalene	15.145	128	64450	58.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	31277	58.583	ug/l	96

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QLast Update : Fri Aug 09 04:24:33 2024
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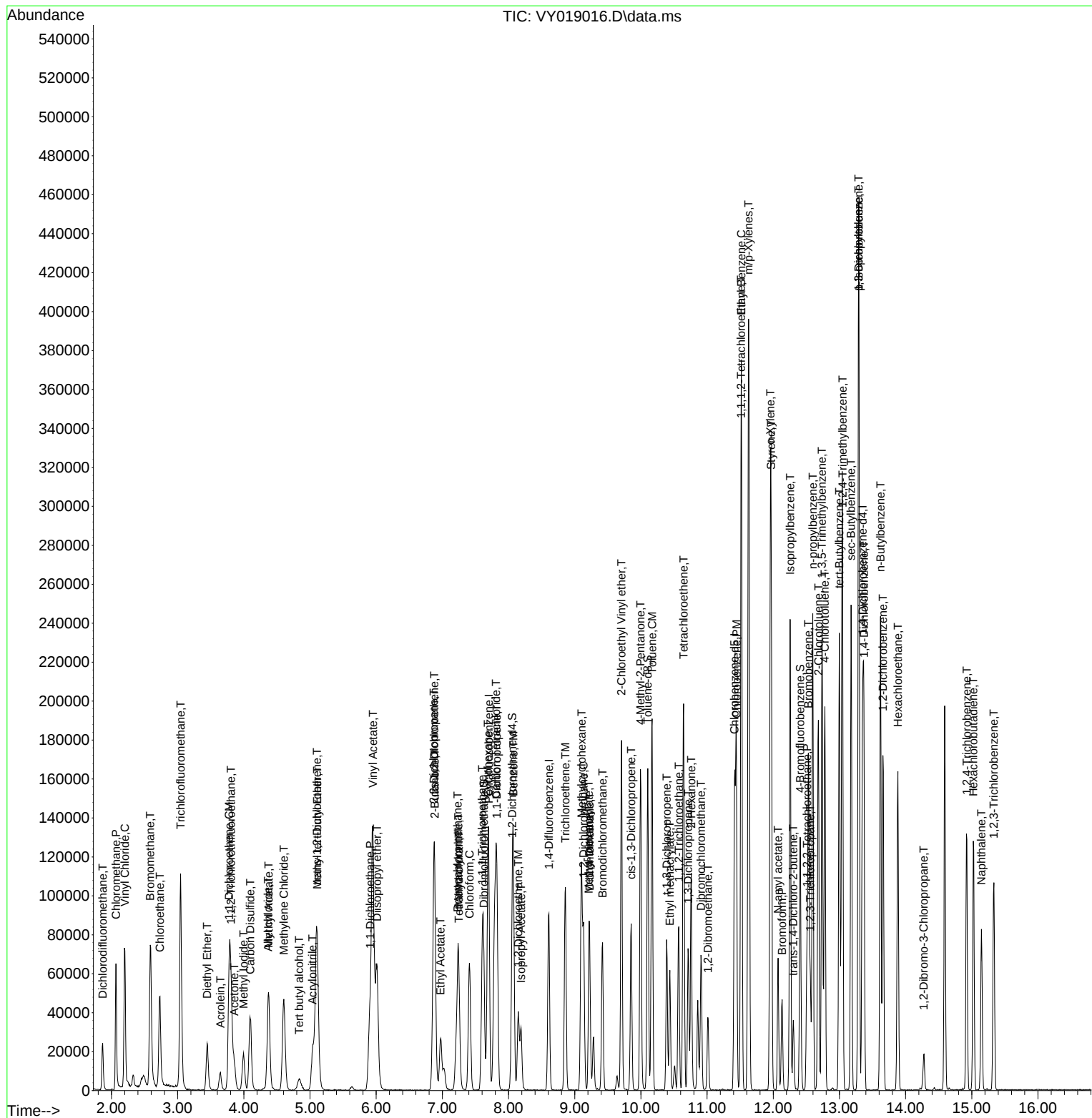
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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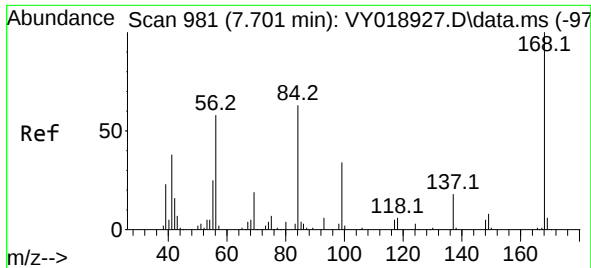
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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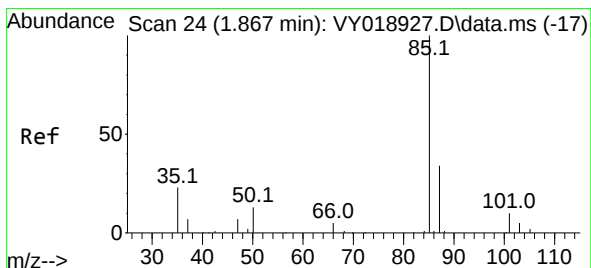
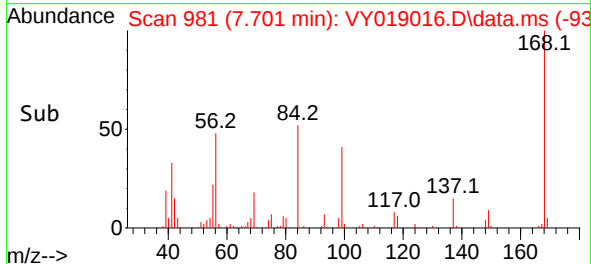
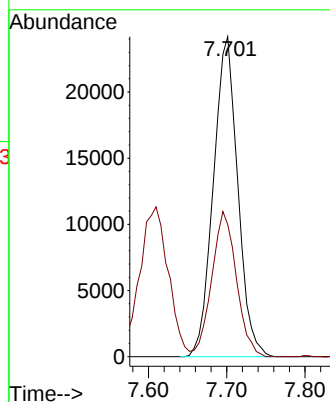
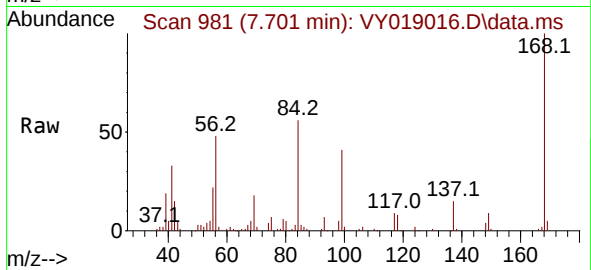




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
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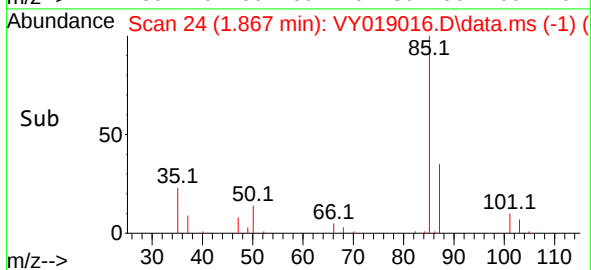
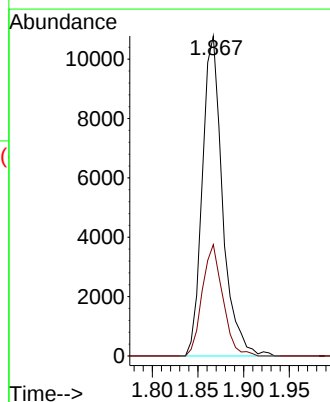
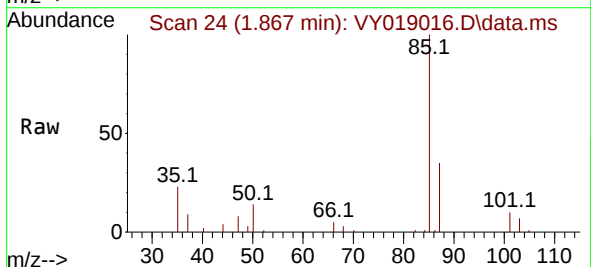
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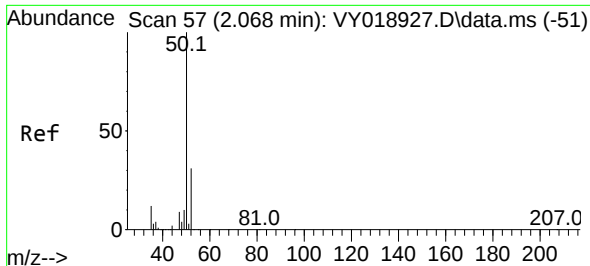
Tgt Ion:168 Resp: 52258
Ion Ratio Lower Upper
168 100
99 41.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.111 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 85 Resp: 16563
Ion Ratio Lower Upper
85 100
87 34.8 16.0 48.0

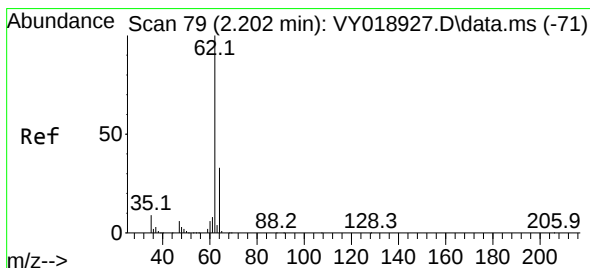
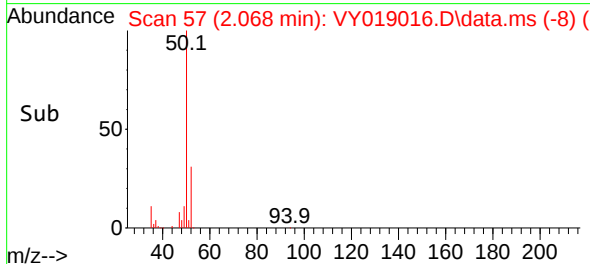
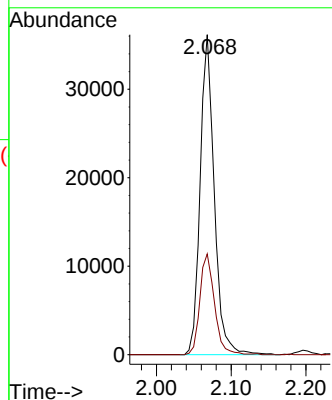
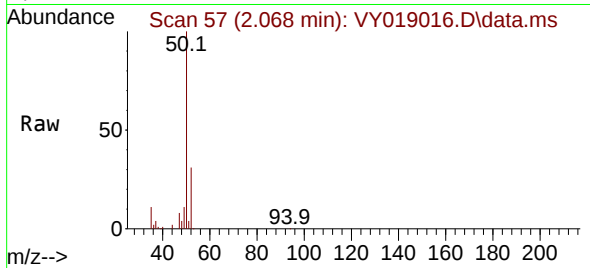




#3
Chloromethane
Concen: 56.499 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019016.D
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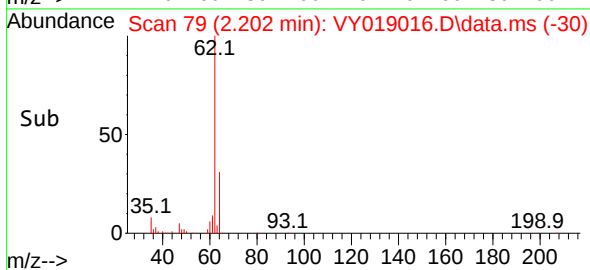
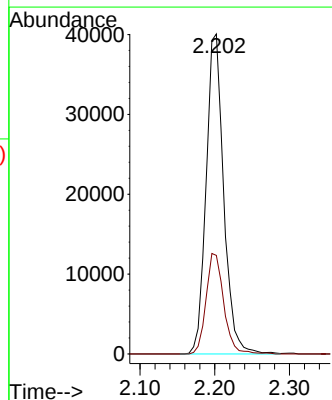
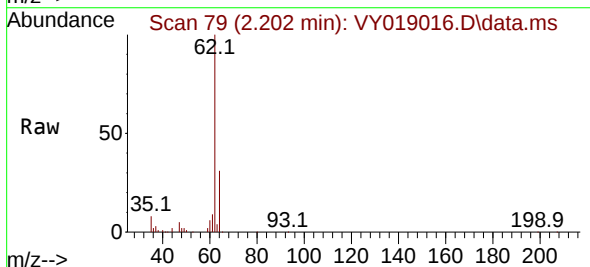
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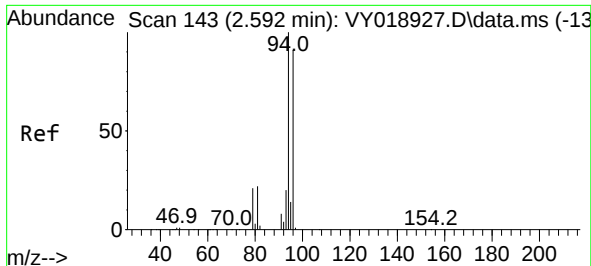
Tgt Ion: 50 Resp: 47362
Ion Ratio Lower Upper
50 100
52 31.5 25.6 38.4



#4
Vinyl Chloride
Concen: 54.295 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 65357
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

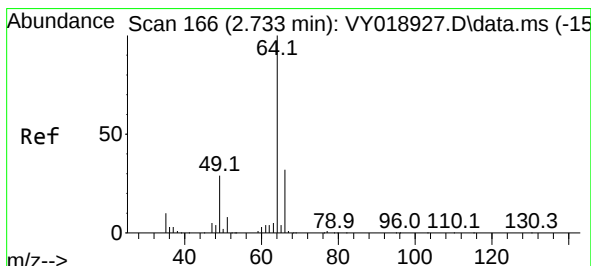
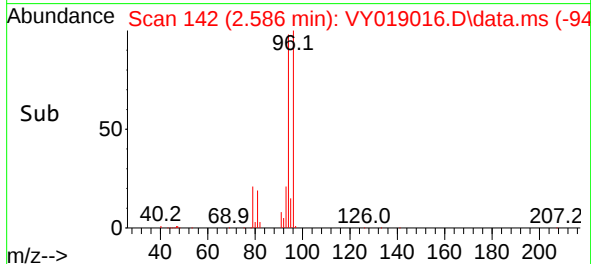
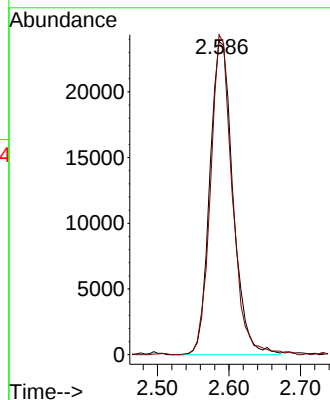
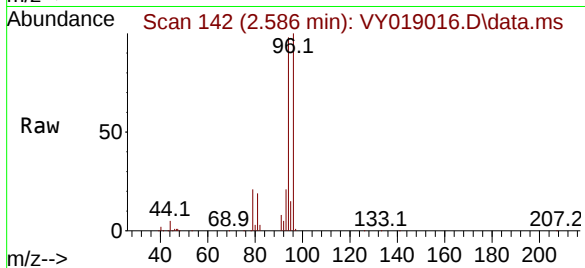




#5
Bromomethane
Concen: 55.732 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY019016.D
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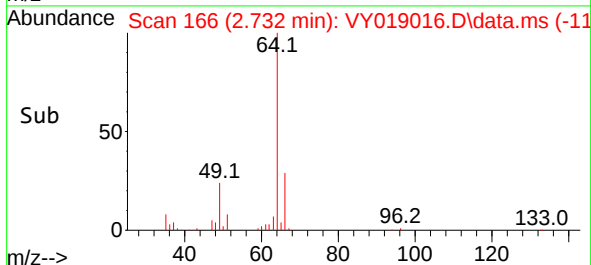
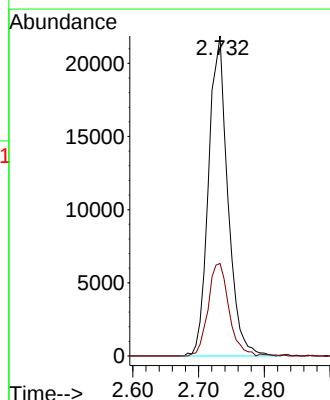
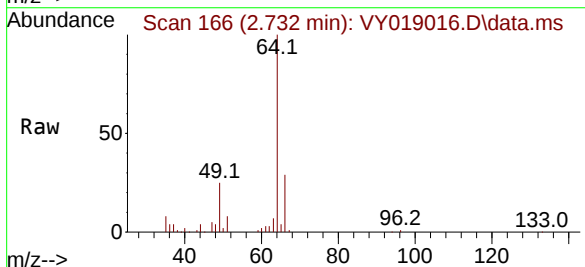
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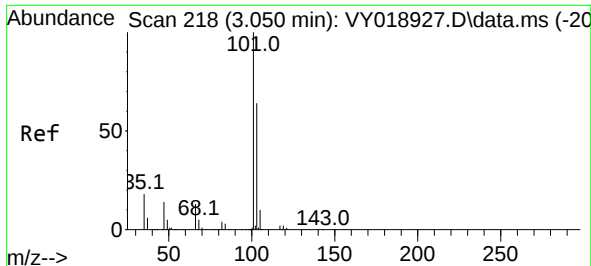
Tgt Ion: 94 Resp: 53526
Ion Ratio Lower Upper
94 100
96 102.1 74.1 111.1



#6
Chloroethane
Concen: 55.170 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 44658
Ion Ratio Lower Upper
64 100
66 28.9 26.1 39.1

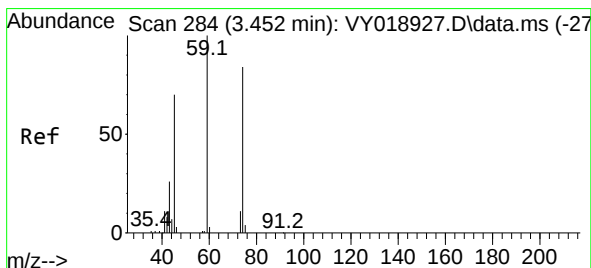
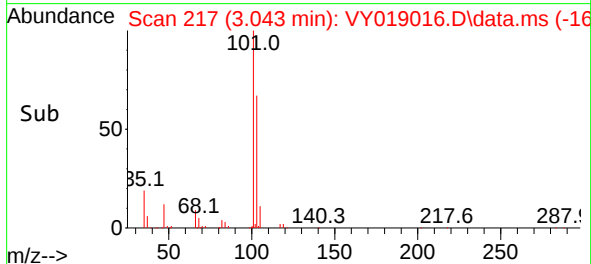
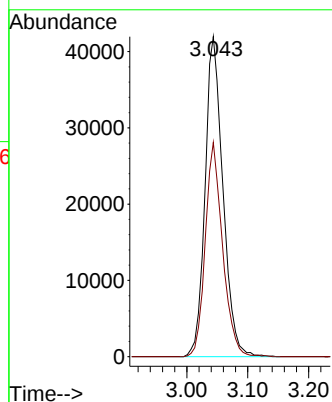
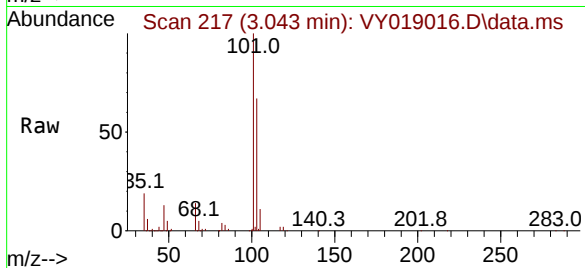




#7
 Trichlorofluoromethane
 Concen: 53.272 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY019016.D
 Acq: 12 Aug 2024 20:52

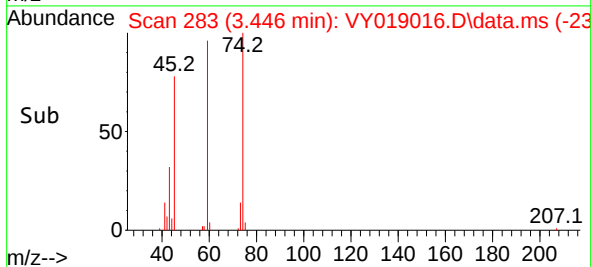
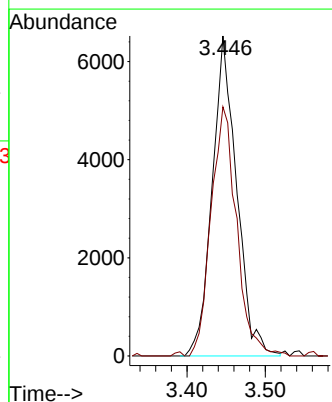
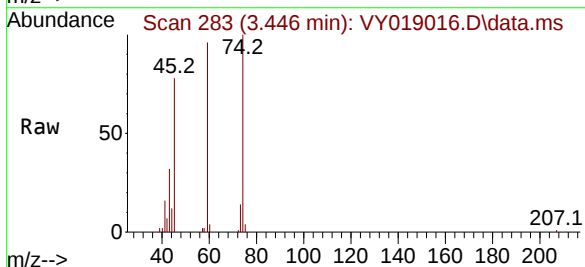
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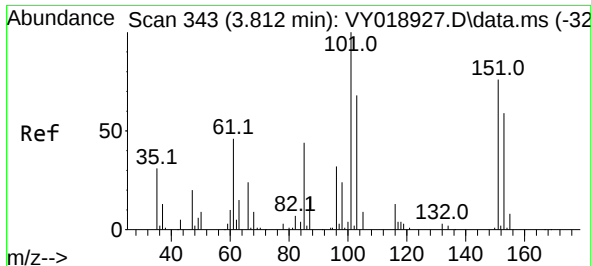
Tgt Ion:101 Resp: 85465
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 57.172 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 14139
 Ion Ratio Lower Upper
 74 100
 45 81.4 41.3 124.1

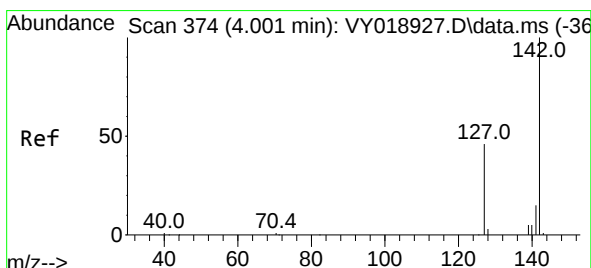
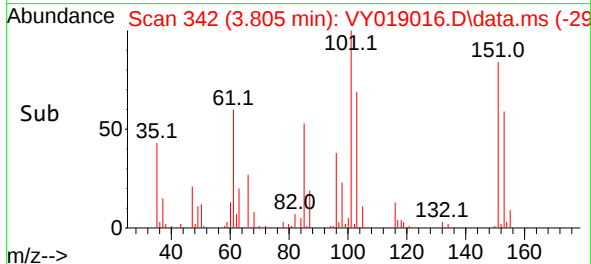
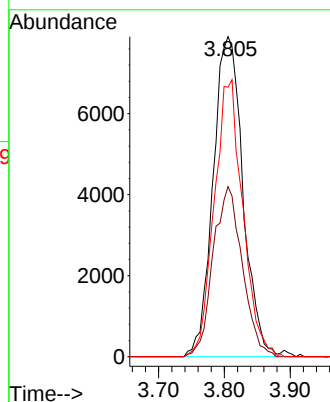
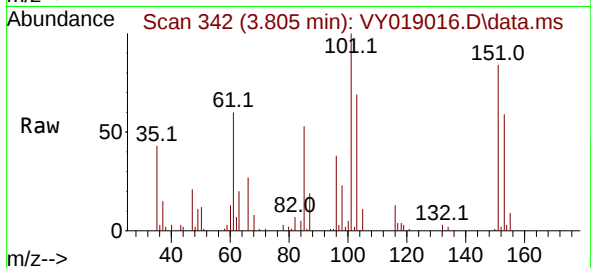




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.741 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

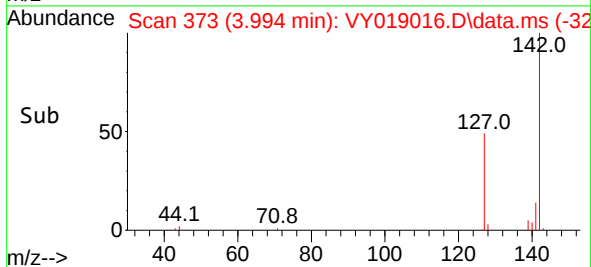
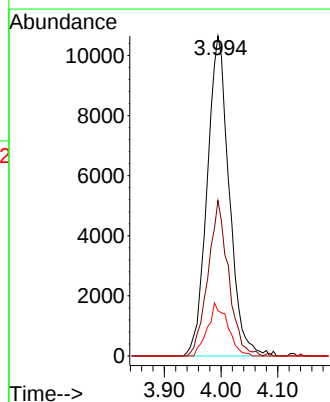
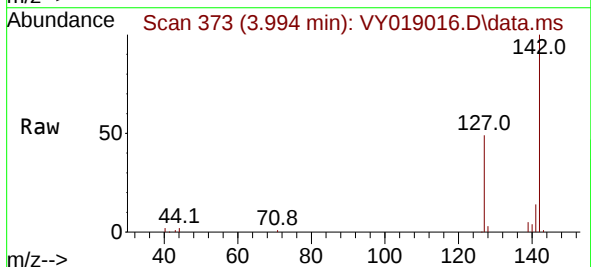
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

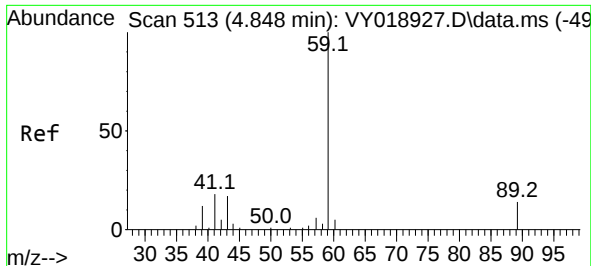
Tgt Ion:101 Resp: 24931
Ion Ratio Lower Upper
101 100
85 52.0 34.5 51.7#
151 82.7 61.7 92.5



#10
Methyl Iodide
Concen: 53.068 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:142 Resp: 28721
Ion Ratio Lower Upper
142 100
127 45.3 32.8 49.2
141 15.3 11.4 17.2

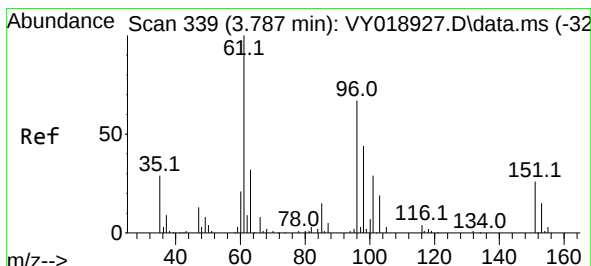
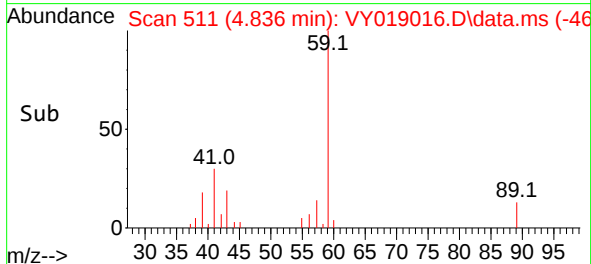
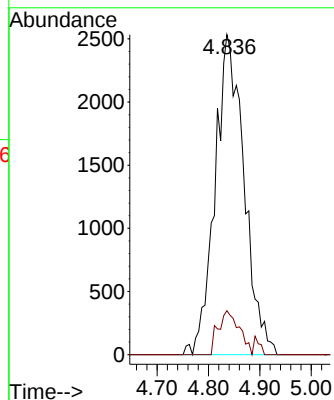
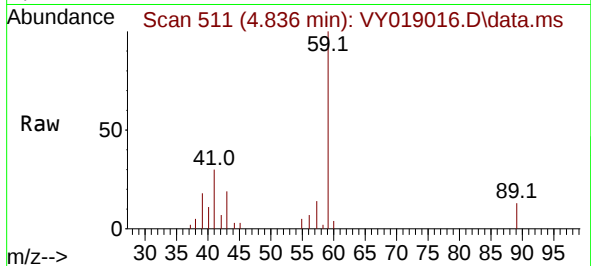




#11
Tert butyl alcohol
Concen: 251.030 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

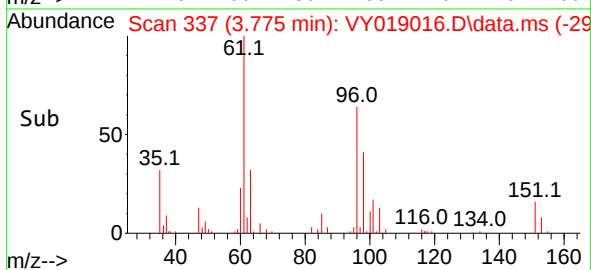
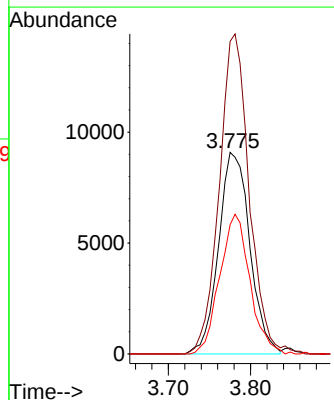
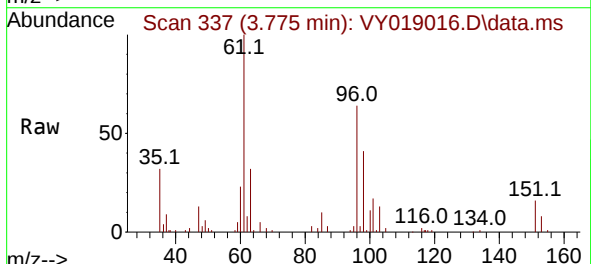
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

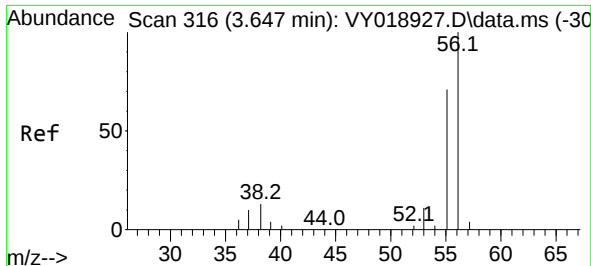
Tgt Ion: 59 Resp: 9958
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.721 ug/l
RT: 3.775 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 96 Resp: 24017
Ion Ratio Lower Upper
96 100
61 155.1 114.6 171.8
98 64.2 50.8 76.2





#13

Acrolein

Concen: 202.293 ug/l

RT: 3.647 min Scan# 316

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

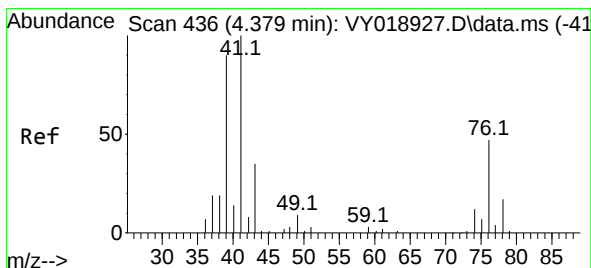
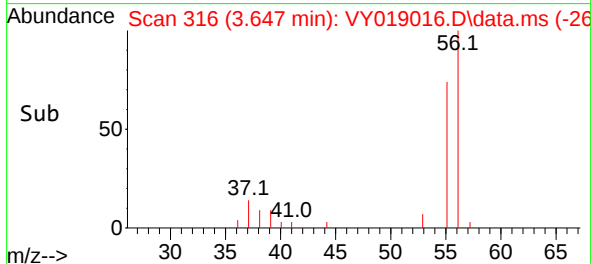
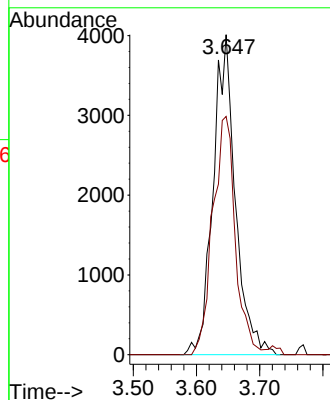
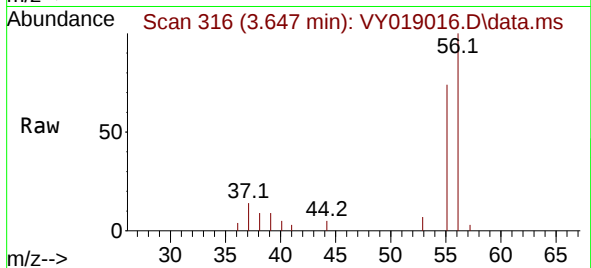
VSTDCCC050EC

Tgt Ion: 56 Resp: 9784

Ion Ratio Lower Upper

56 100

55 75.3 55.7 83.5



#14

Allyl chloride

Concen: 50.263 ug/l

RT: 4.366 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

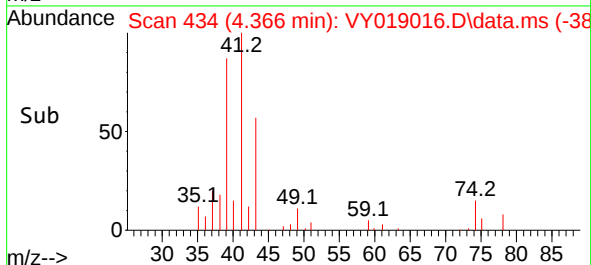
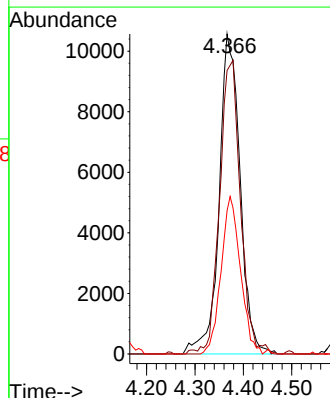
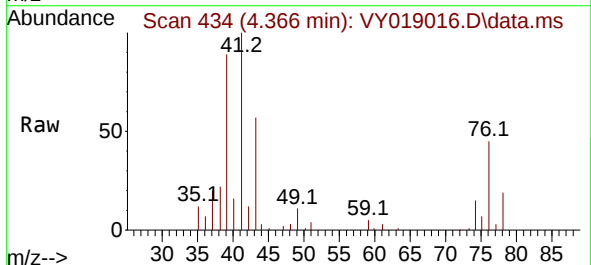
Tgt Ion: 41 Resp: 31831

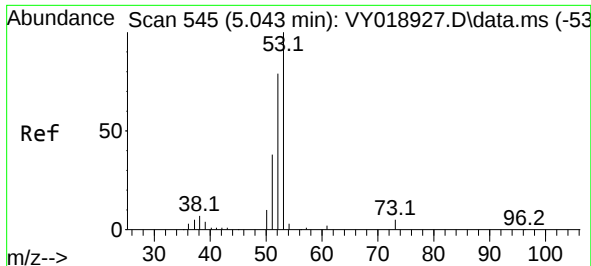
Ion Ratio Lower Upper

41 100

39 90.5 58.3 87.5#

76 45.4 39.0 58.6

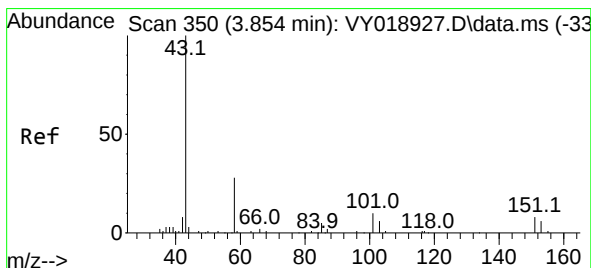
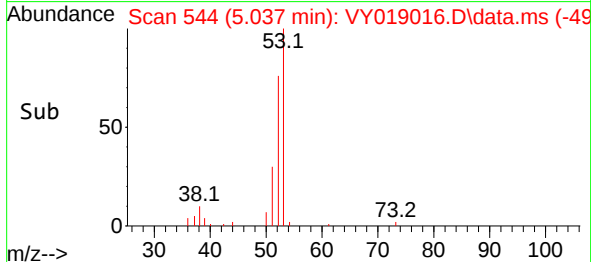
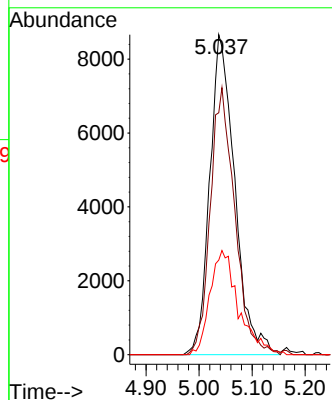
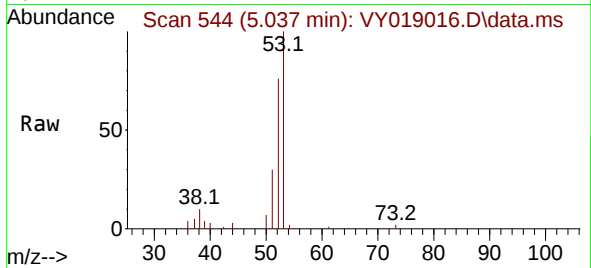




#15
Acrylonitrile
Concen: 292.476 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

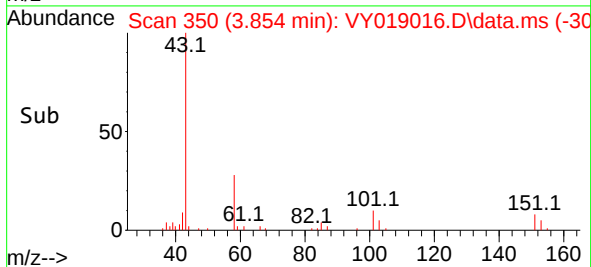
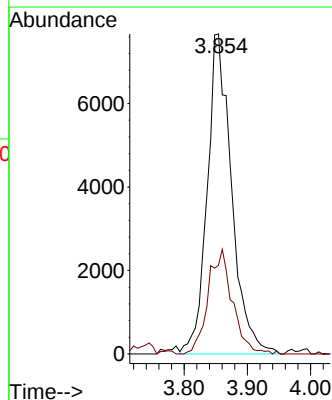
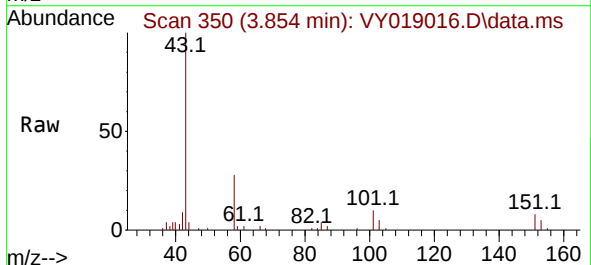
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

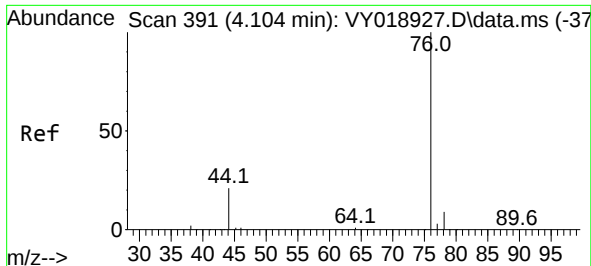
Tgt Ion:	53	Resp:	28356
Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.7	97.1
51	37.4	28.4	42.6



#16
Acetone
Concen: 183.449 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:	43	Resp:	20553
Ion	Ratio	Lower	Upper
43	100		
58	27.7	31.7	47.5#

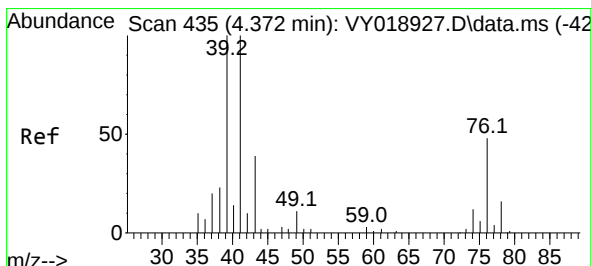
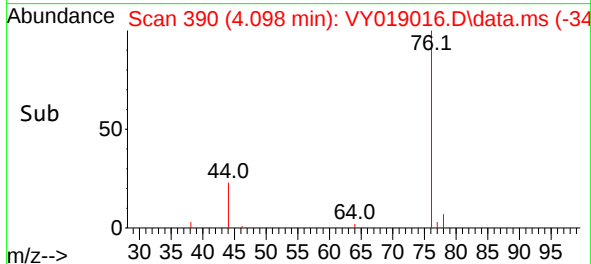
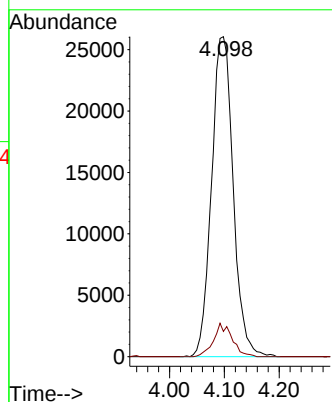
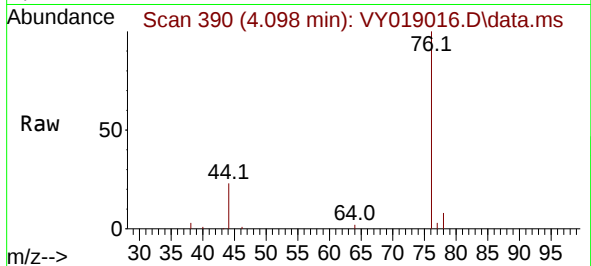




#17
Carbon Disulfide
Concen: 50.690 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

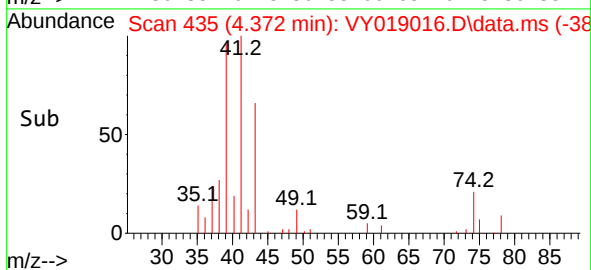
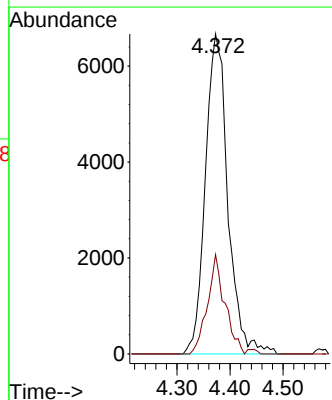
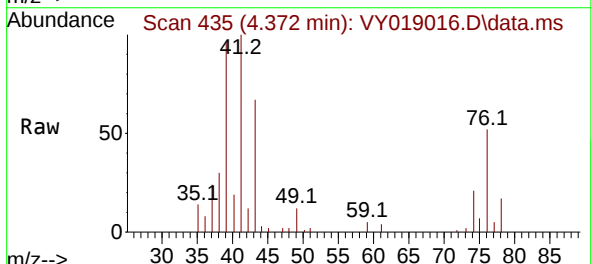
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 71350
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 76.952 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 43 Resp: 19624
Ion Ratio Lower Upper
43 100
74 24.1 23.3 34.9

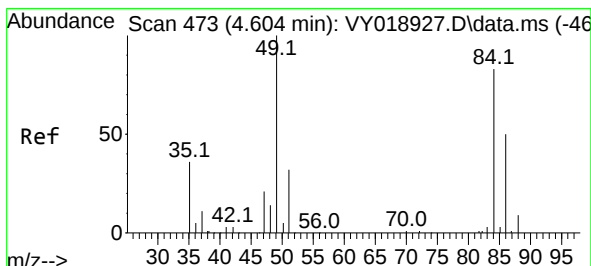
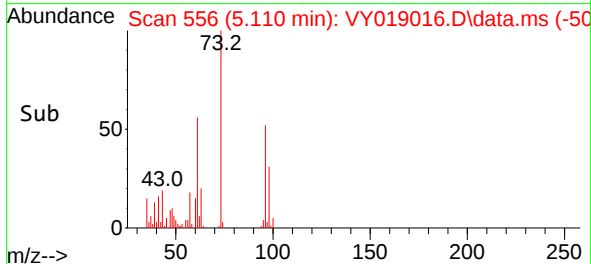
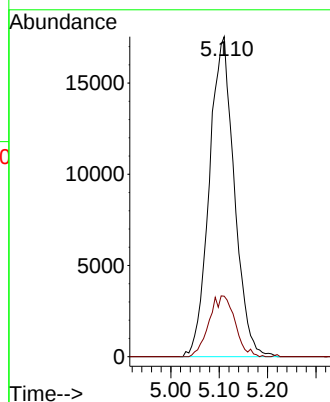
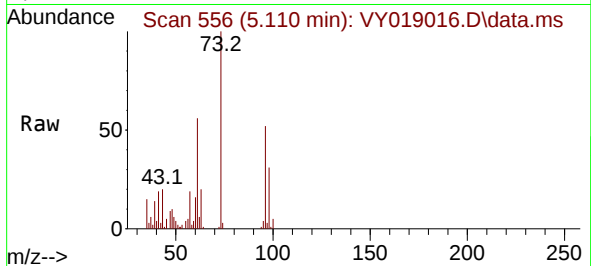




#19
Methyl tert-butyl Ether
Concen: 54.029 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

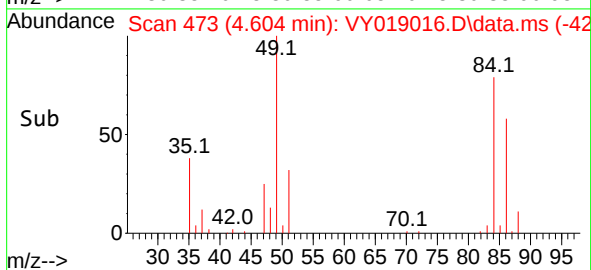
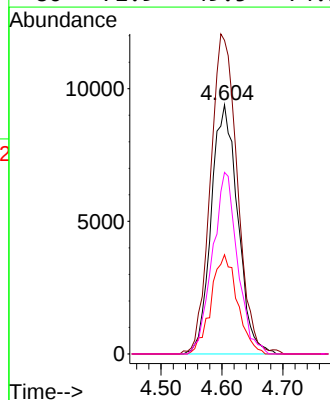
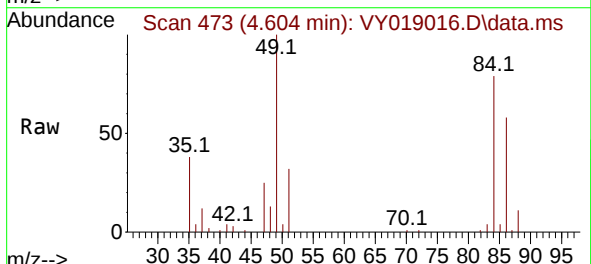
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

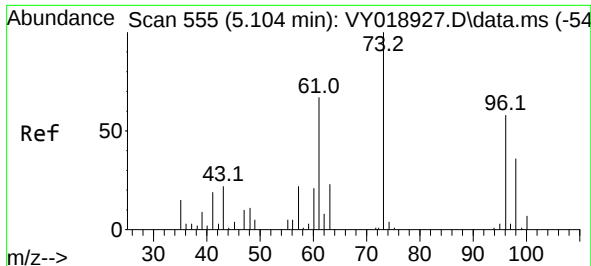
Tgt Ion: 73 Resp: 62925
Ion Ratio Lower Upper
73 100
57 18.9 17.3 25.9



#20
Methylene Chloride
Concen: 54.580 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 84 Resp: 28405
Ion Ratio Lower Upper
84 100
49 125.9 84.4 126.6
51 39.8 26.0 39.0#
86 72.9 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 54.551 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

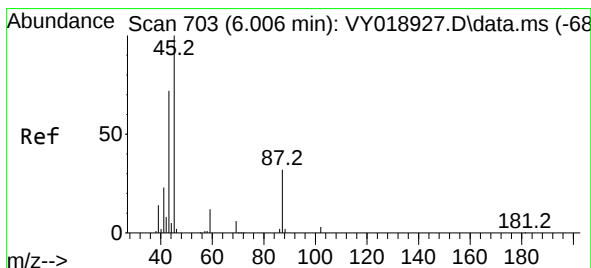
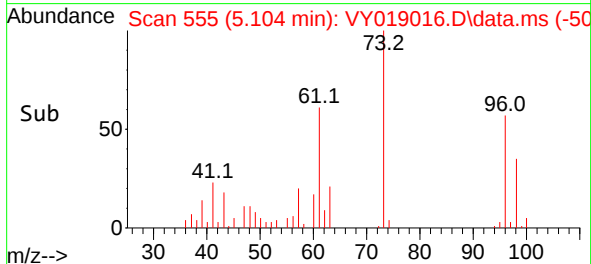
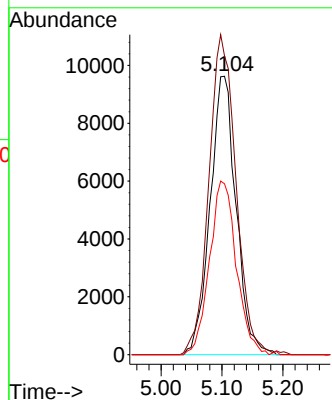
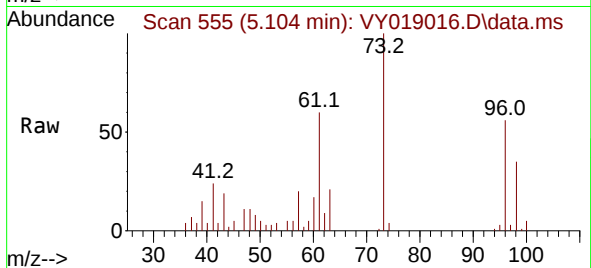
Tgt Ion: 96 Resp: 28580

Ion Ratio Lower Upper

96 100

61 107.3 97.5 146.3

98 61.3 50.5 75.7



#22

Diisopropyl ether

Concen: 55.707 ug/l

RT: 6.012 min Scan# 704

Delta R.T. 0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Tgt Ion: 45 Resp: 76906

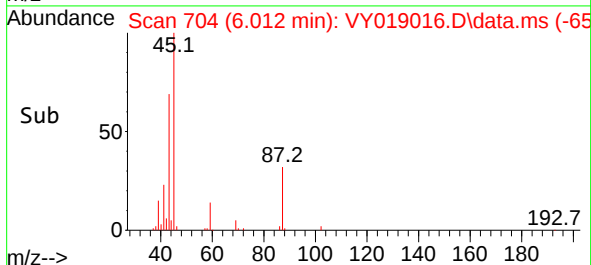
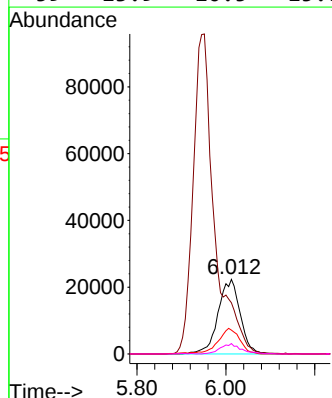
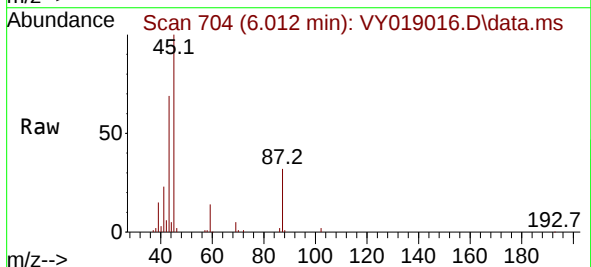
Ion Ratio Lower Upper

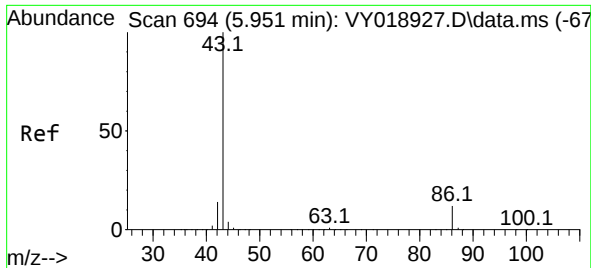
45 100

43 68.1 42.2 63.2#

87 32.0 25.0 37.6

59 13.9 10.5 15.7

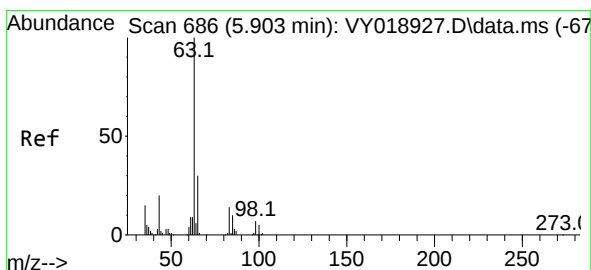
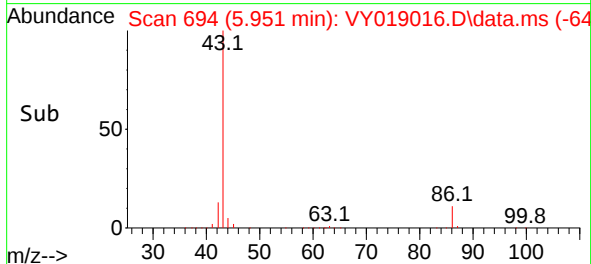
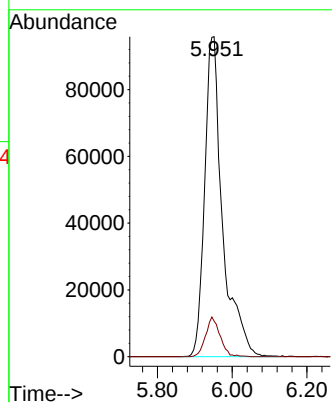
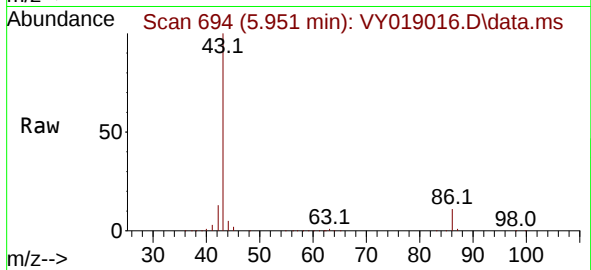




#23
 Vinyl Acetate
 Concen: 267.490 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY019016.D
 Acq: 12 Aug 2024 20:52

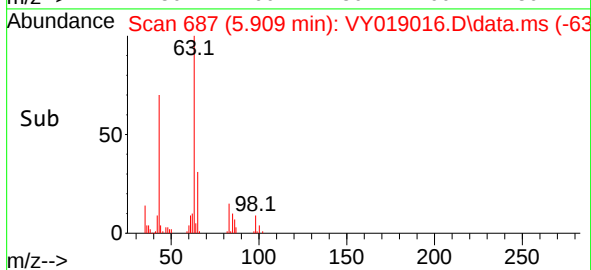
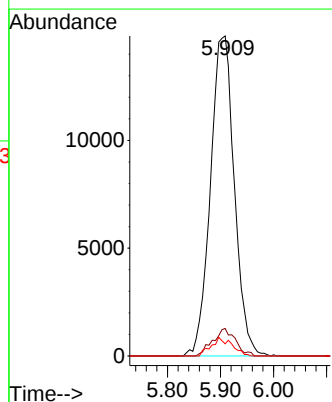
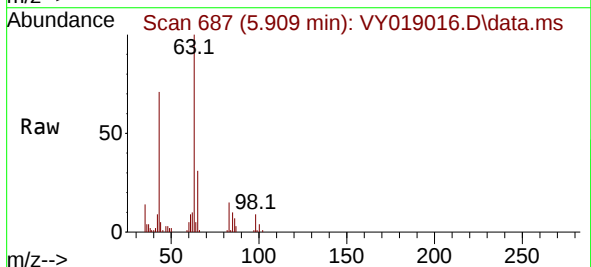
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

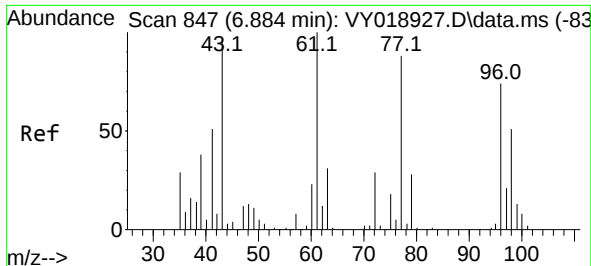
Tgt Ion: 43 Resp: 318702
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 54.885 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019016.D
 Acq: 12 Aug 2024 20:52

Tgt Ion: 63 Resp: 46484
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 3.8 2.6 8.0

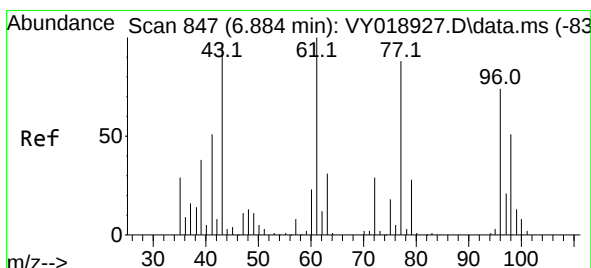
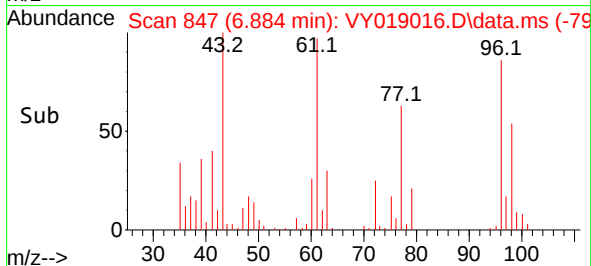
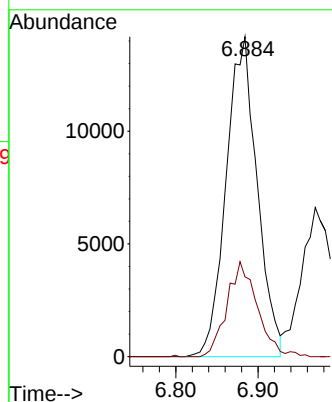
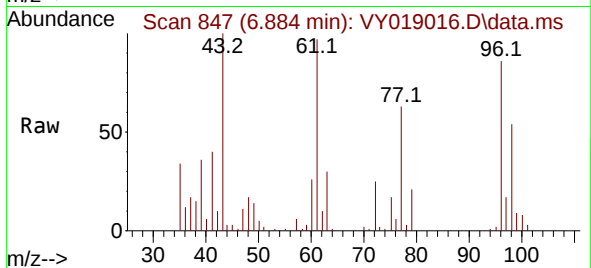




#25
2-Butanone
Concen: 250.549 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

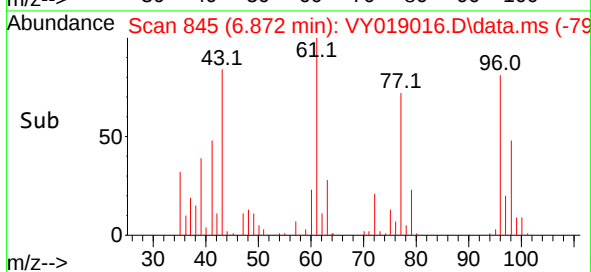
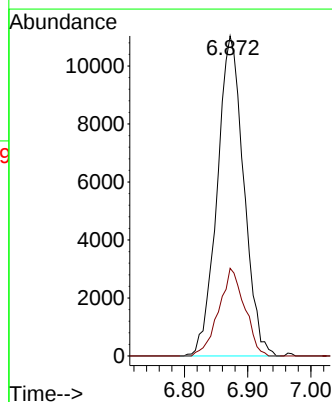
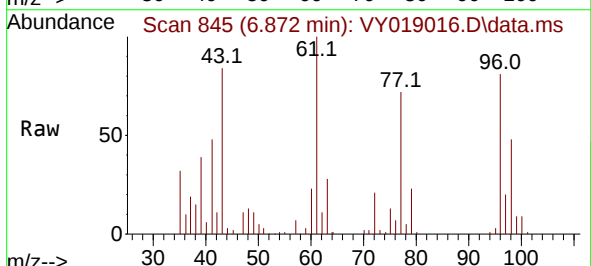
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

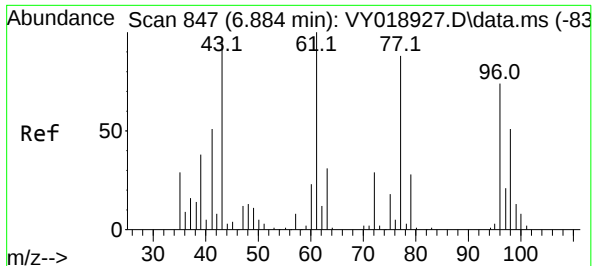
Tgt Ion: 43 Resp: 37221
Ion Ratio Lower Upper
43 100
72 25.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 40.361 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 77 Resp: 32173
Ion Ratio Lower Upper
77 100
97 26.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 55.252 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

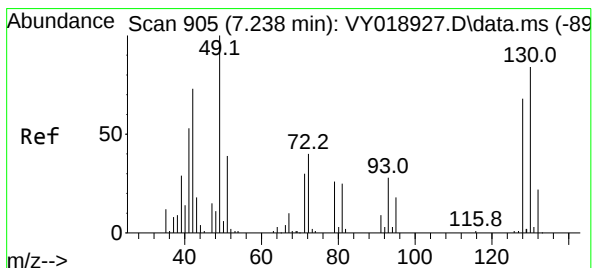
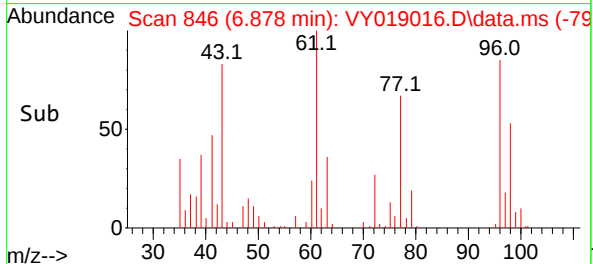
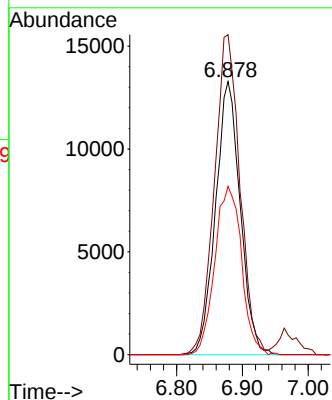
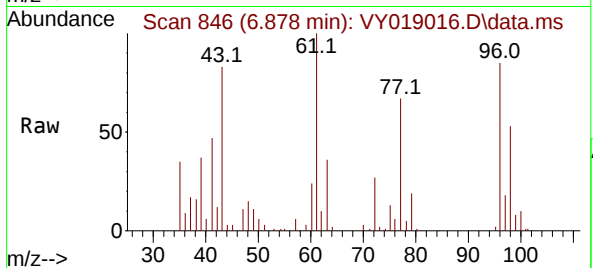
Tgt Ion: 96 Resp: 34635

Ion Ratio Lower Upper

96 100

61 121.5 0.0 256.2

98 66.8 0.0 130.0



#28

Bromochloromethane

Concen: 58.121 ug/l

RT: 7.232 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

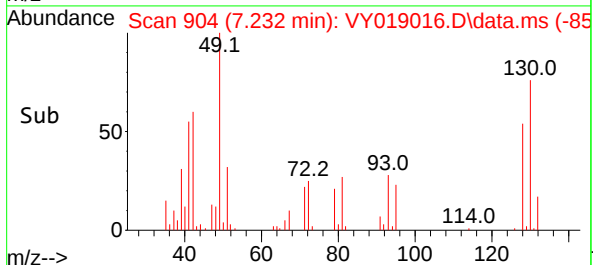
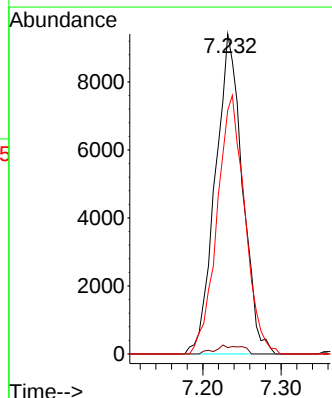
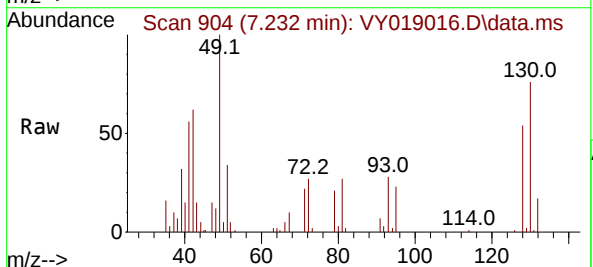
Tgt Ion: 49 Resp: 22662

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 82.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 292.269 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

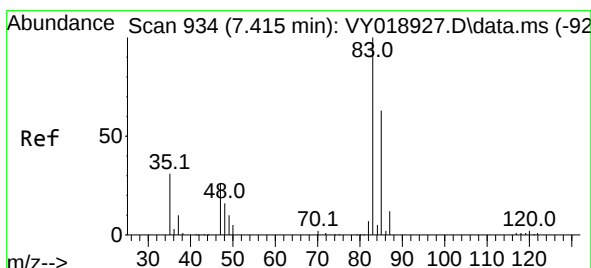
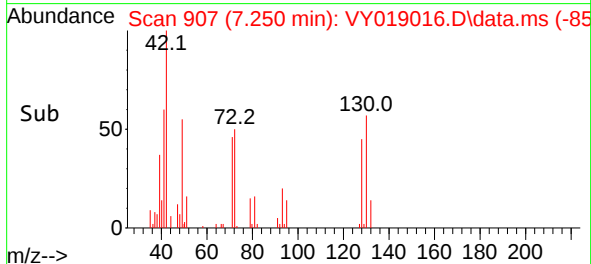
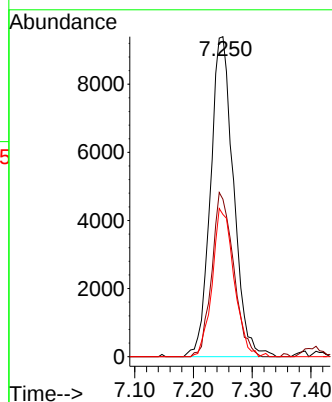
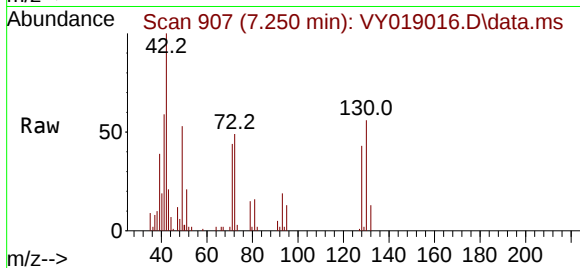
Tgt Ion: 42 Resp: 25602

Ion Ratio Lower Upper

42 100

72 48.4 43.0 64.4

71 43.6 40.8 61.2



#30

Chloroform

Concen: 57.113 ug/l

RT: 7.408 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY019016.D

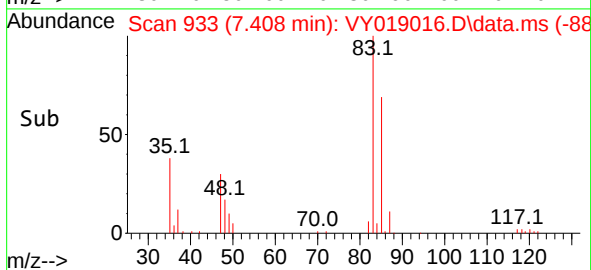
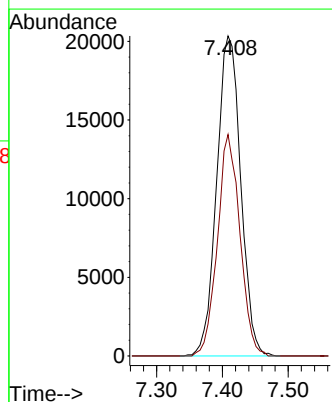
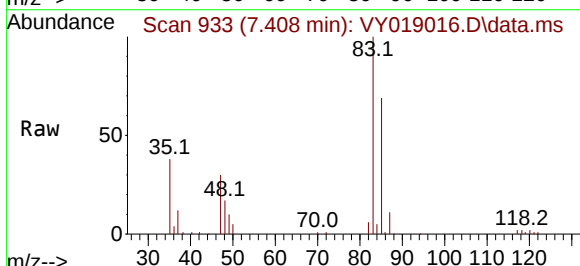
Acq: 12 Aug 2024 20:52

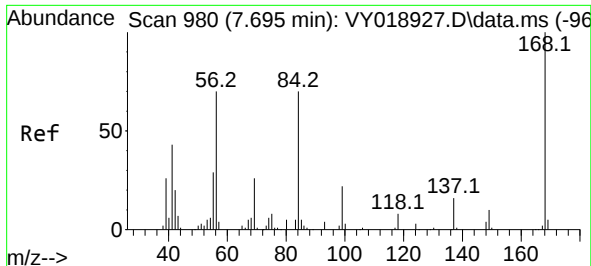
Tgt Ion: 83 Resp: 51743

Ion Ratio Lower Upper

83 100

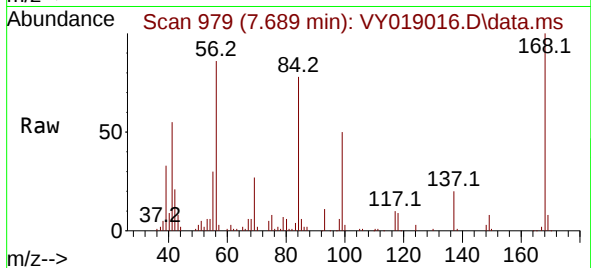
85 69.2 52.2 78.4



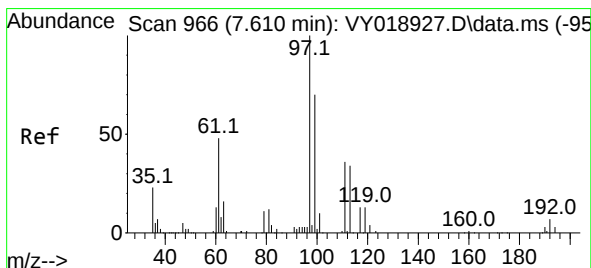
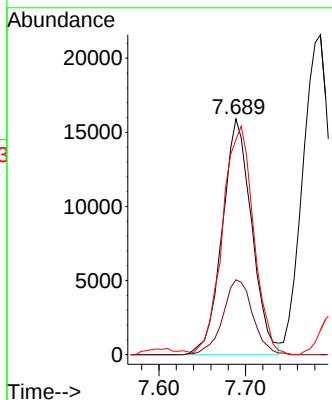
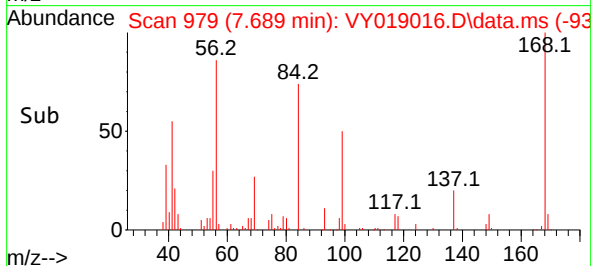


#31
Cyclohexane
Concen: 52.617 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

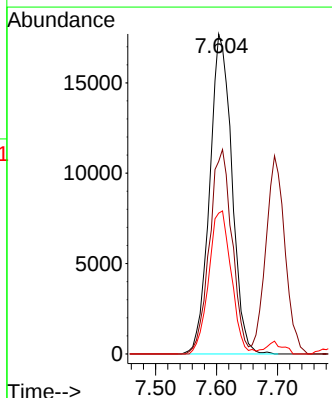
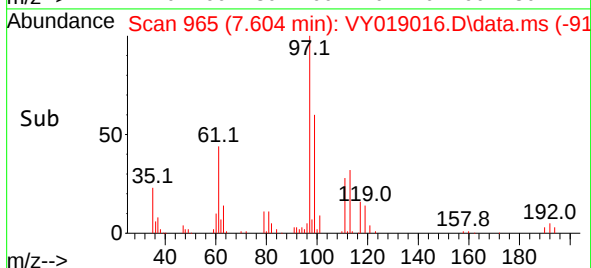
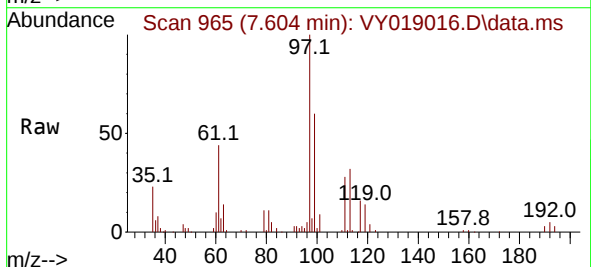


Tgt Ion: 56 Resp: 37610
Ion Ratio Lower Upper
56 100
69 31.8 28.7 43.1
84 89.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.635 ug/l
RT: 7.604 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 97 Resp: 44742
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 45.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.131 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

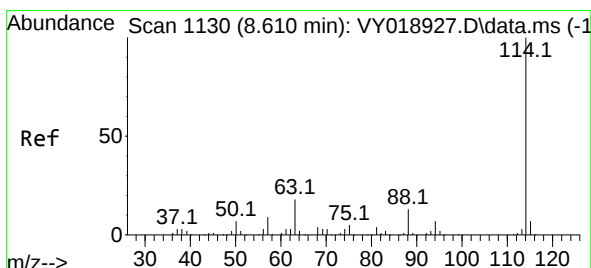
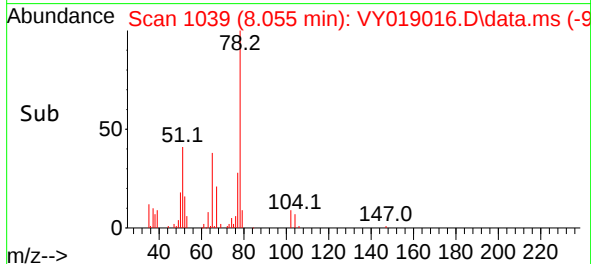
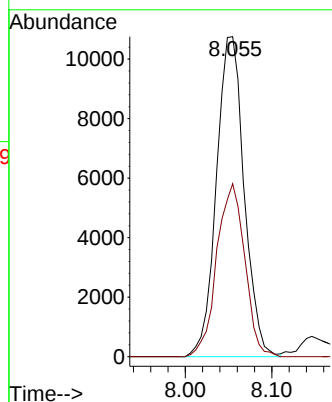
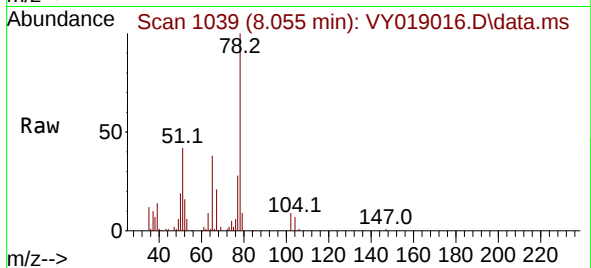
VSTDCCC050EC

Tgt Ion: 65 Resp: 23919

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

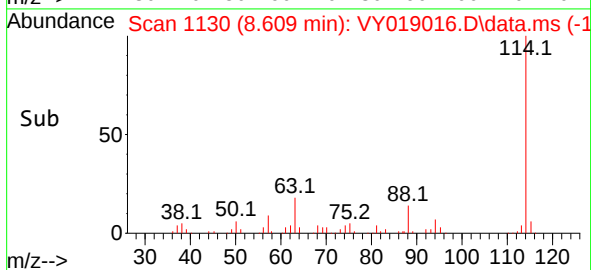
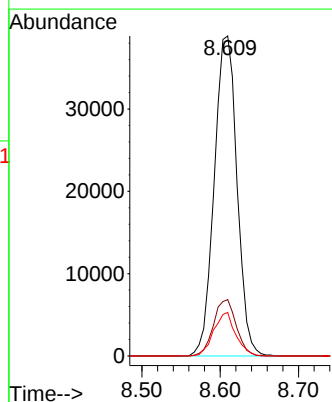
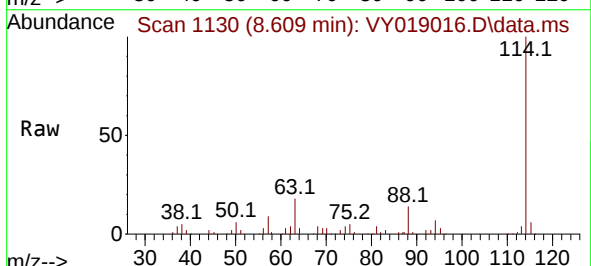
Tgt Ion: 114 Resp: 78536

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.6 0.0 27.2

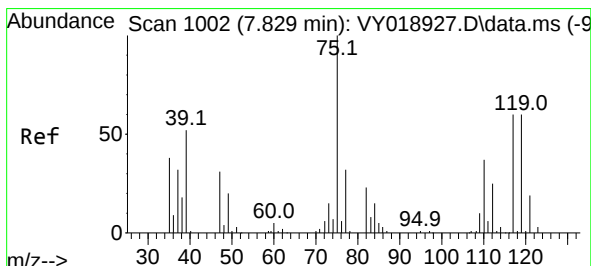
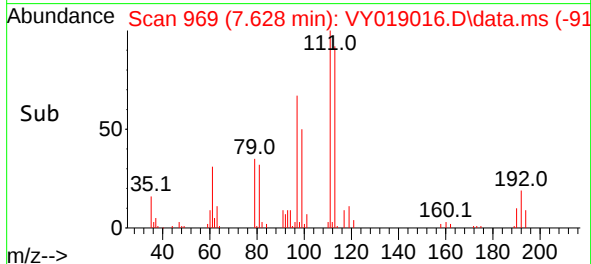
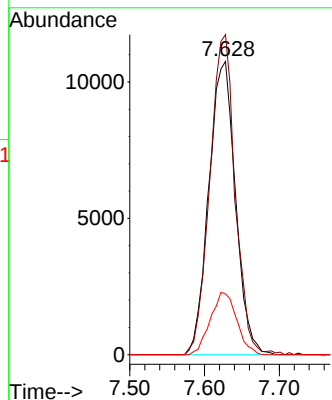
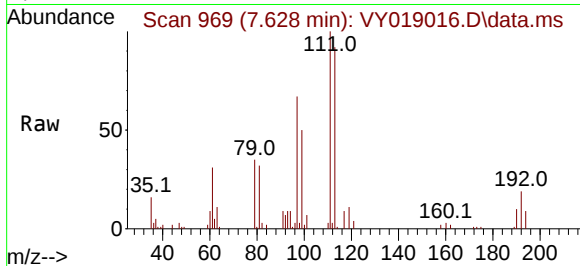




#35
Dibromofluoromethane
Concen: 53.198 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

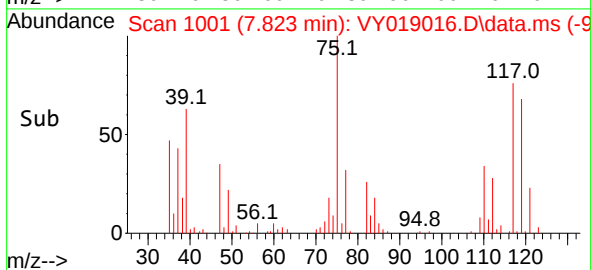
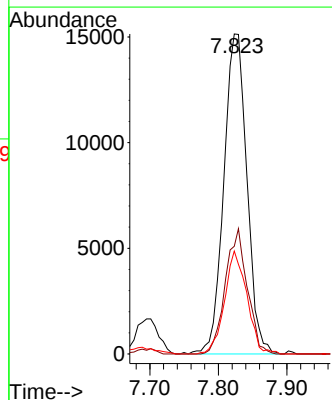
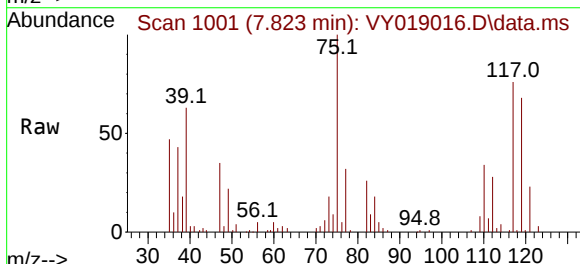
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

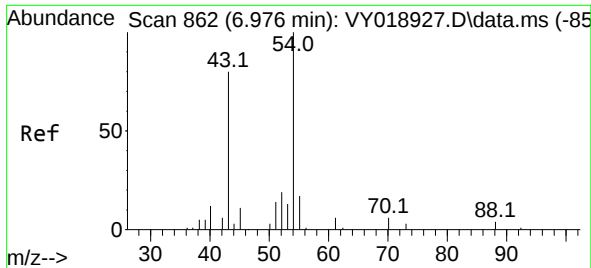
Tgt Ion:113 Resp: 26684
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.637 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 75 Resp: 35442
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 55.177 ug/l

RT: 6.970 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

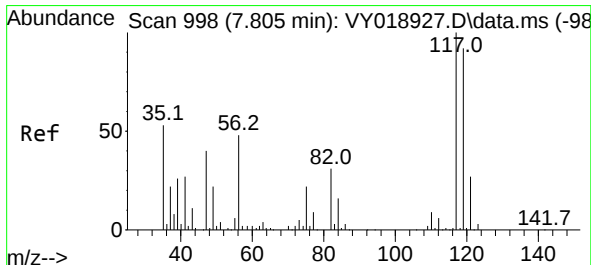
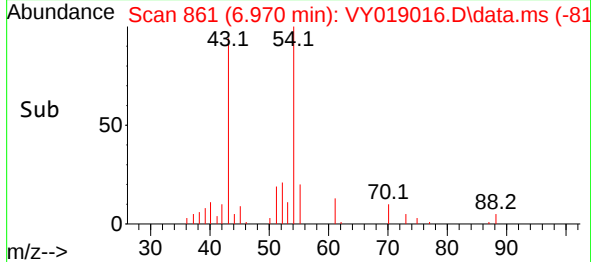
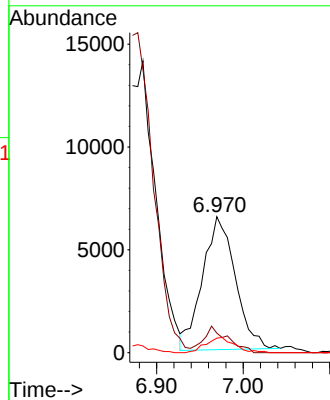
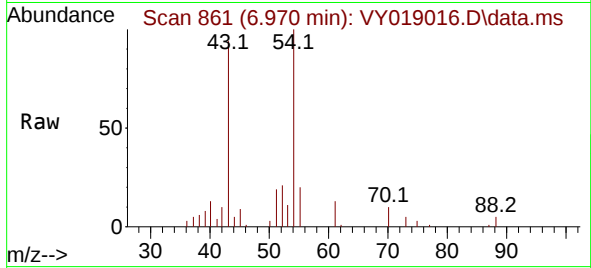
Tgt Ion: 43 Resp: 16981

Ion Ratio Lower Upper

43 100

61 14.6 12.6 19.0

70 10.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 54.627 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

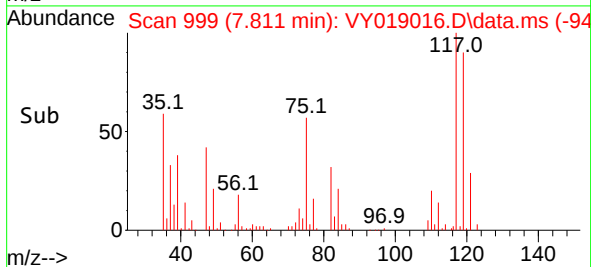
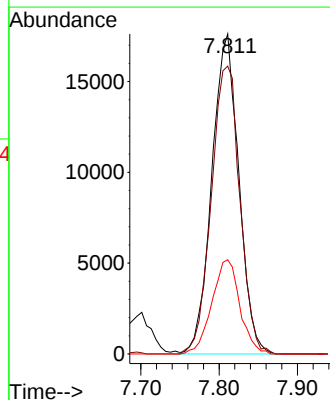
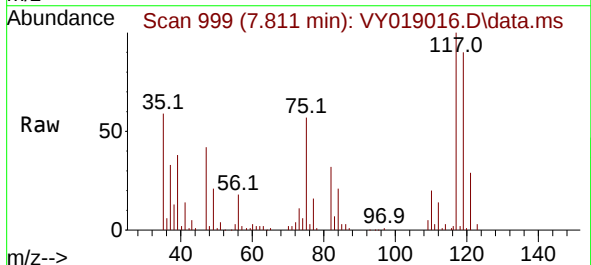
Tgt Ion: 117 Resp: 42173

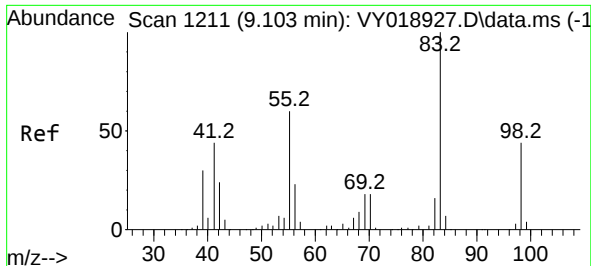
Ion Ratio Lower Upper

117 100

119 89.9 75.8 113.6

121 29.4 24.0 36.0





#39

Methylcyclohexane

Concen: 50.852 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

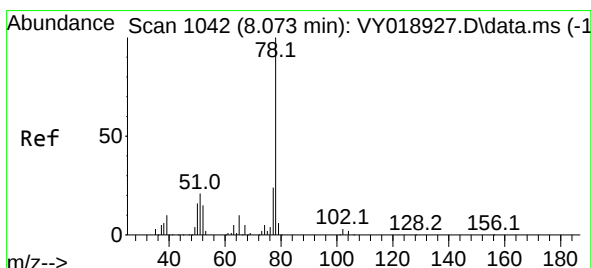
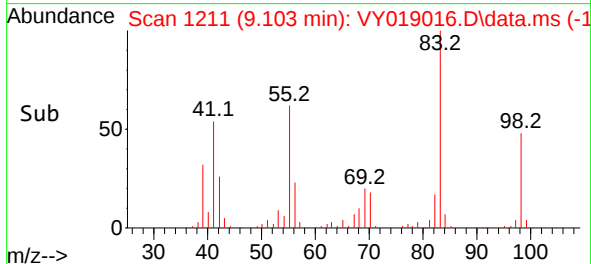
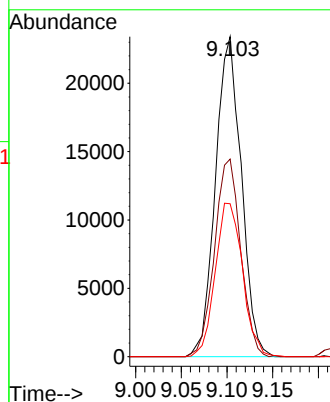
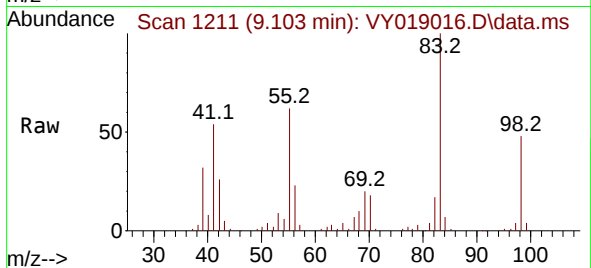
Tgt Ion: 83 Resp: 46088

Ion Ratio Lower Upper

83 100

55 61.7 51.5 77.3

98 47.8 40.5 60.7



#40

Benzene

Concen: 56.000 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY019016.D

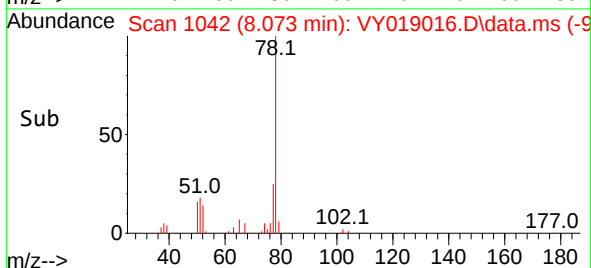
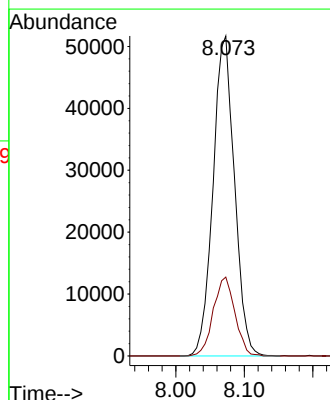
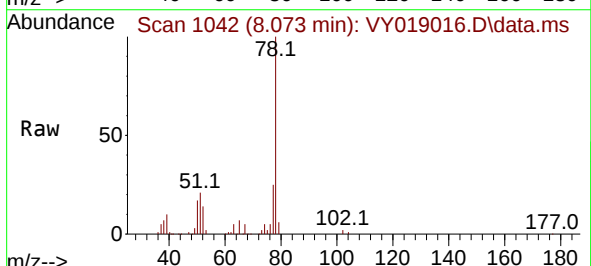
Acq: 12 Aug 2024 20:52

Tgt Ion: 78 Resp: 112110

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3

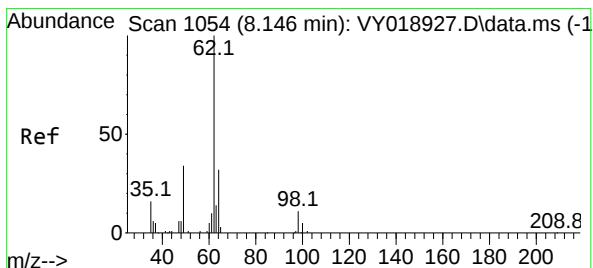
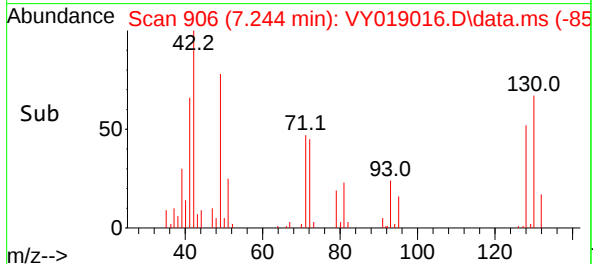
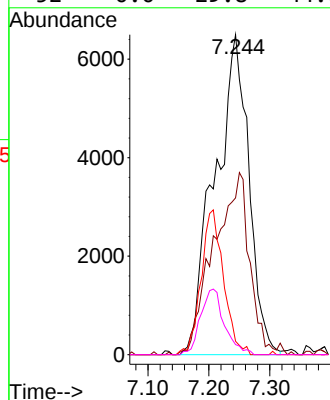
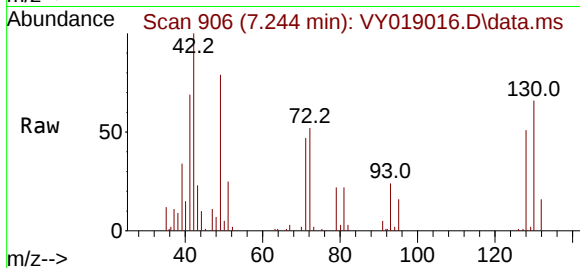




#41
Methacrylonitrile
Concen: 180.968 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

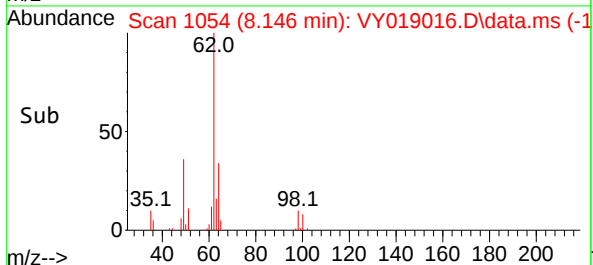
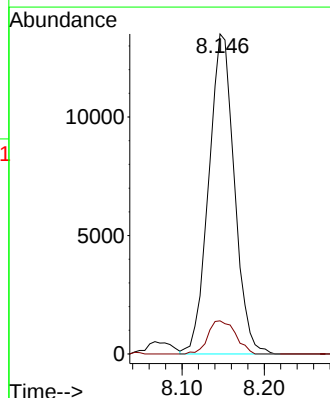
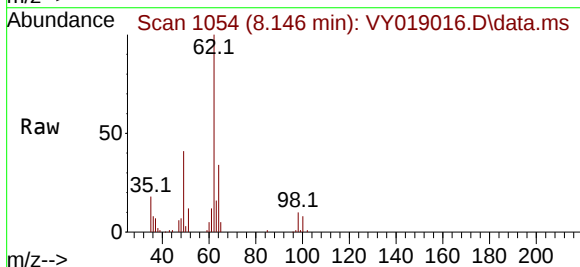
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

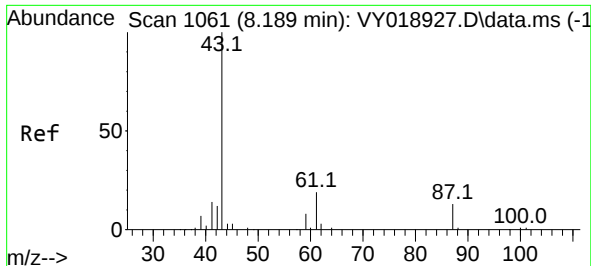
Tgt Ion:	41	Resp:	25211
Ion	Ratio	Lower	Upper
41	100		
39	59.3	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 58.754 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:	62	Resp:	29282
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0

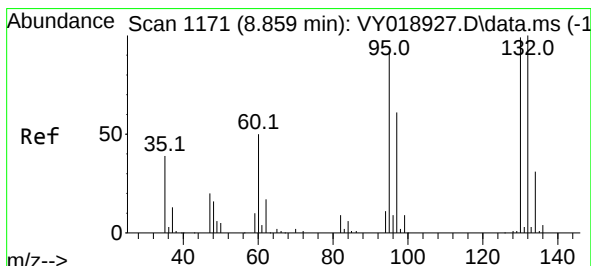
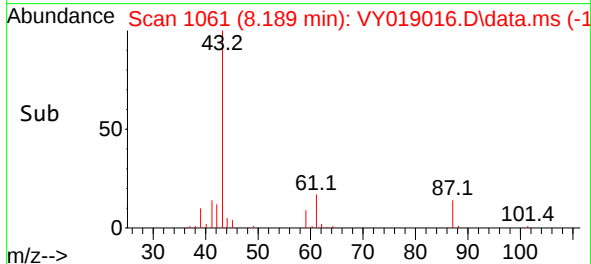
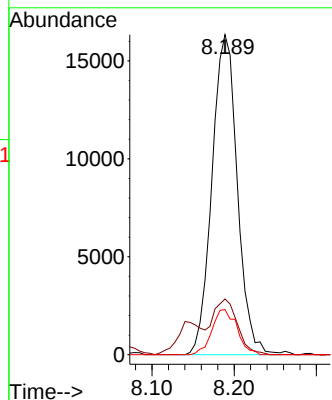
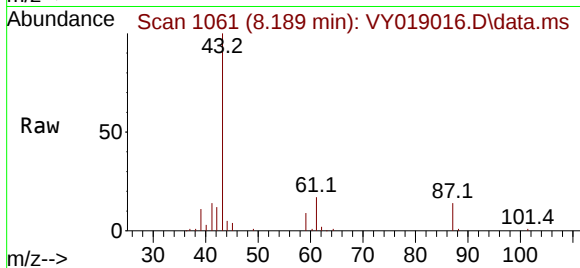




#43
Isopropyl Acetate
Concen: 56.004 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

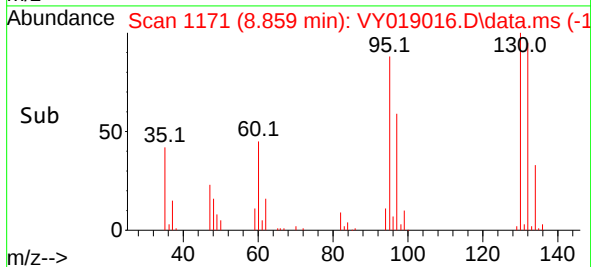
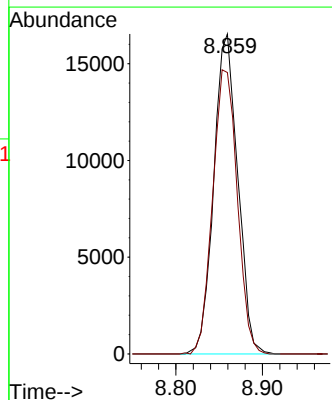
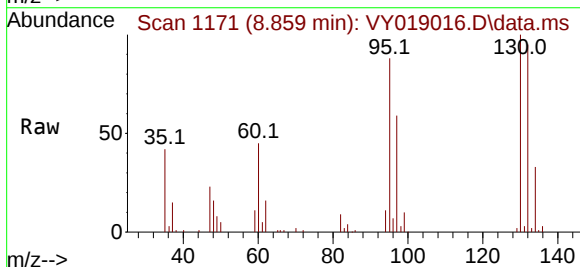
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

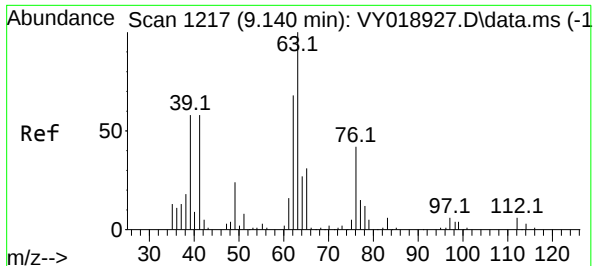
Tgt Ion: 43 Resp: 35052
Ion Ratio Lower Upper
43 100
61 16.8 27.9 41.9#
87 13.9 13.1 19.7



#44
Trichloroethene
Concen: 55.721 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:130 Resp: 31797
Ion Ratio Lower Upper
130 100
95 87.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.845 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

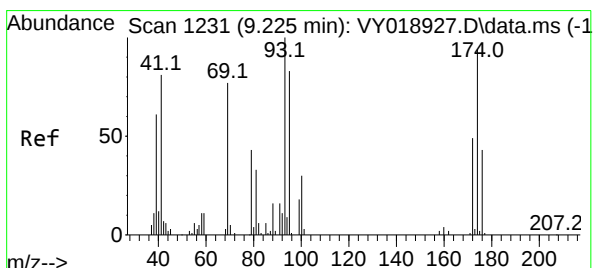
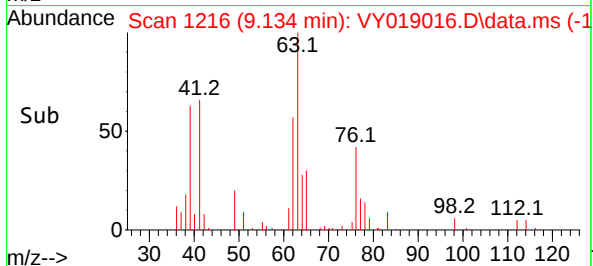
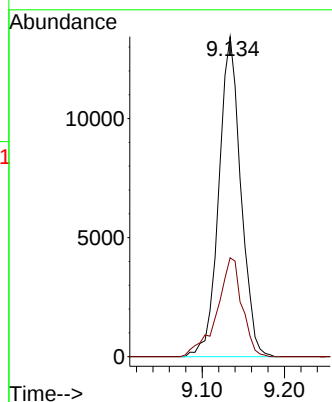
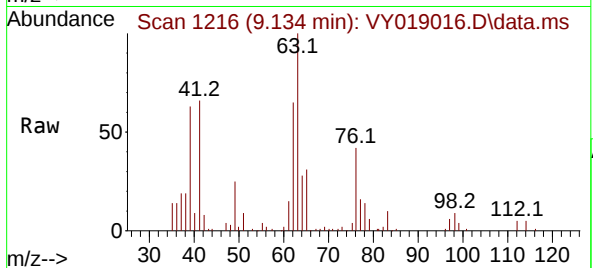
VSTDCCC050EC

Tgt Ion: 63 Resp: 25016

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 61.822 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

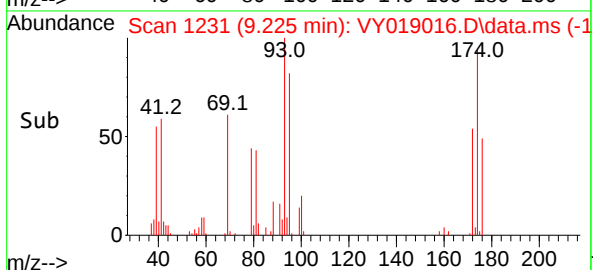
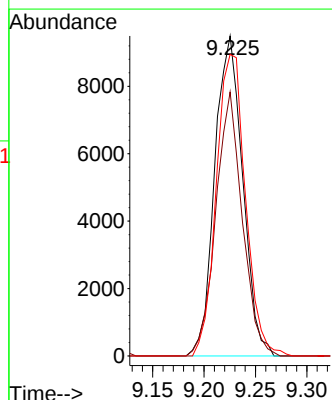
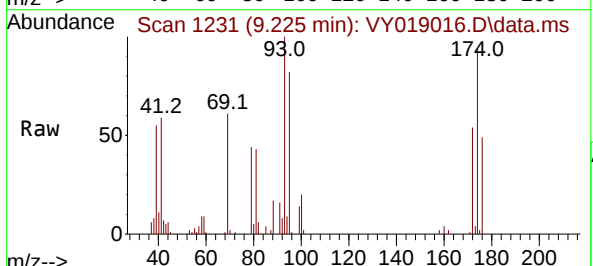
Tgt Ion: 93 Resp: 17894

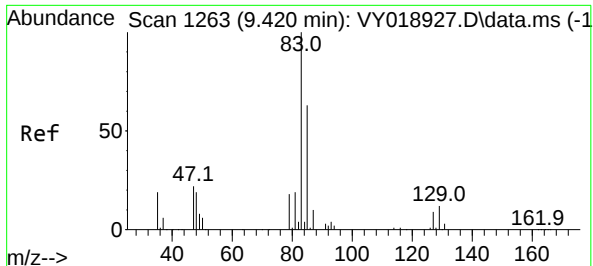
Ion Ratio Lower Upper

93 100

95 78.3 66.2 99.4

174 98.5 80.9 121.3

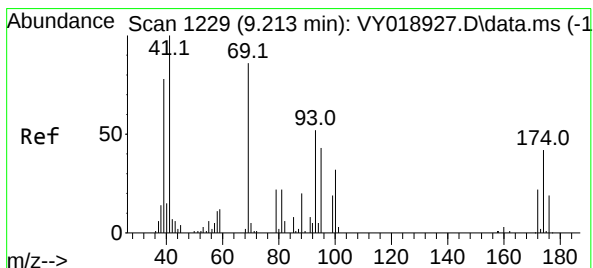
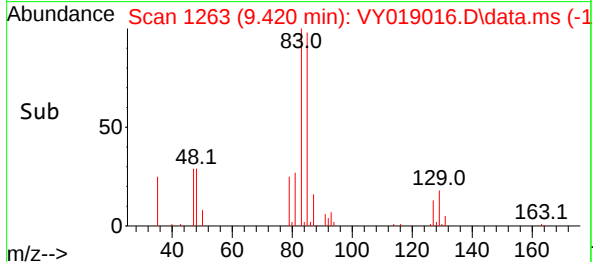
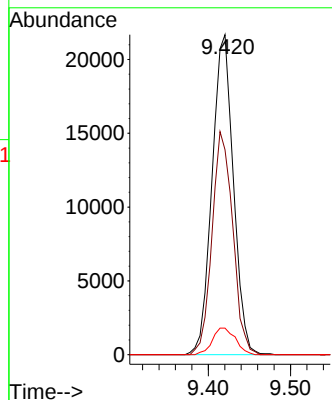
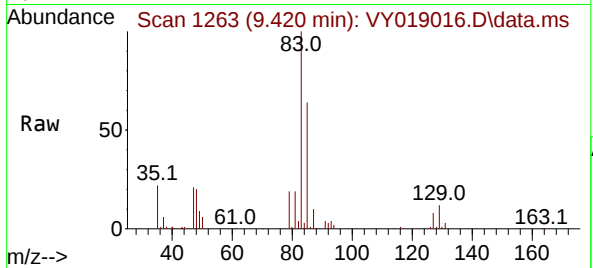




#47
Bromodichloromethane
Concen: 57.750 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

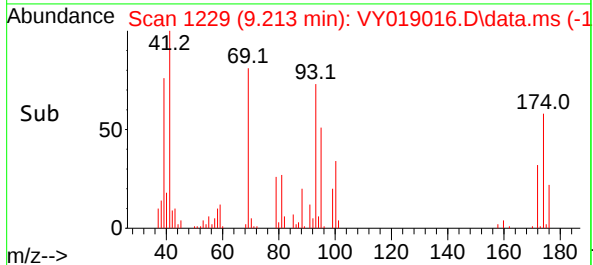
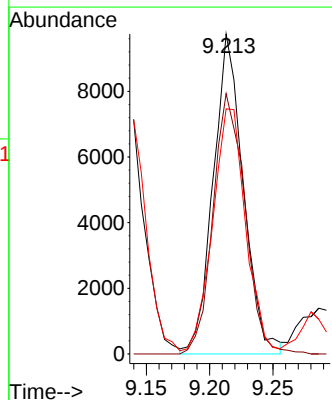
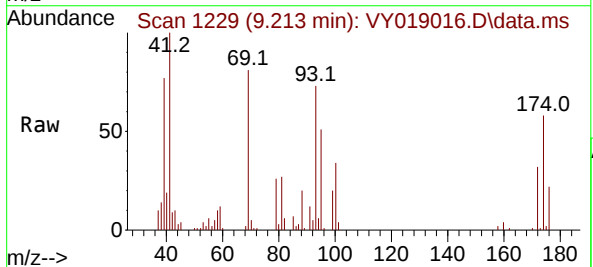
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

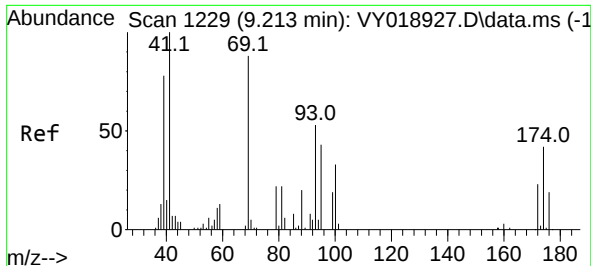
Tgt Ion: 83 Resp: 39116
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 58.971 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 41 Resp: 16124
Ion Ratio Lower Upper
41 100
69 86.4 84.1 126.1
39 84.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 1300.737 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

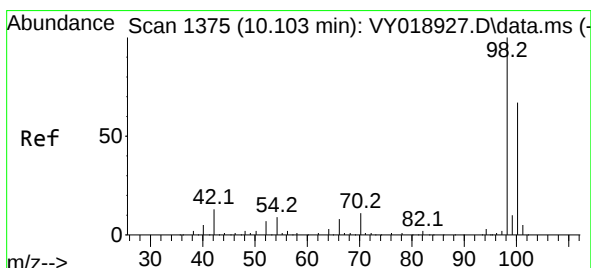
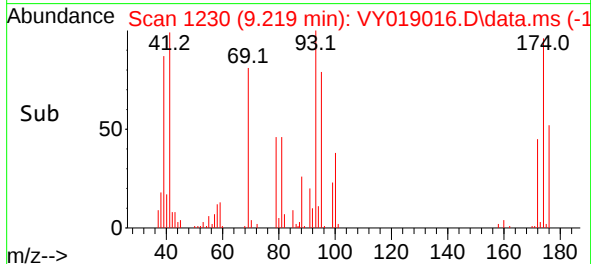
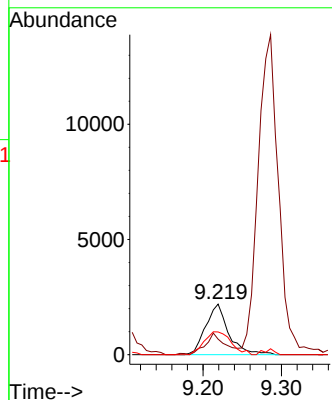
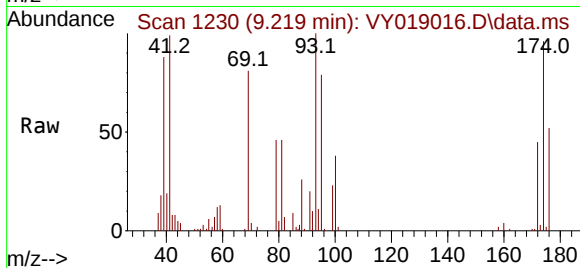
Tgt Ion: 88 Resp: 4448

Ion Ratio Lower Upper

88 100

43 36.6 0.0 0.0#

58 53.0 49.3 73.9



#50

Toluene-d8

Concen: 51.623 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019016.D

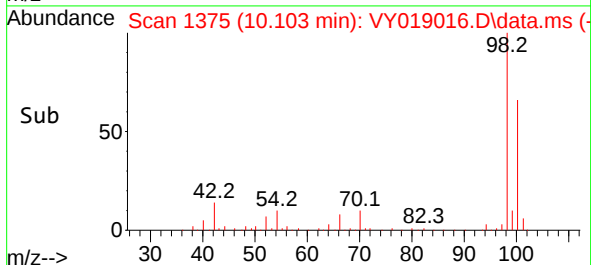
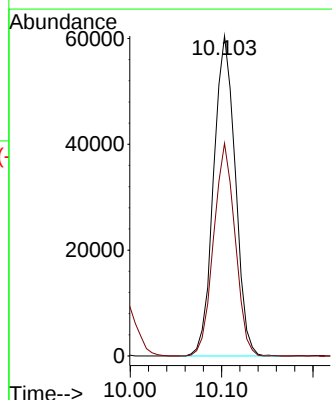
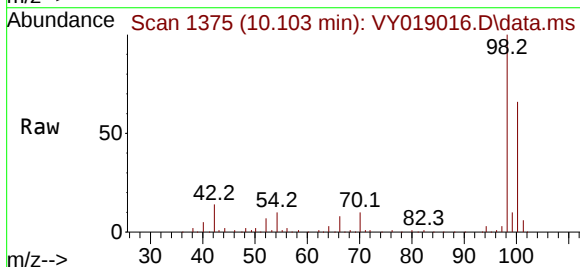
Acq: 12 Aug 2024 20:52

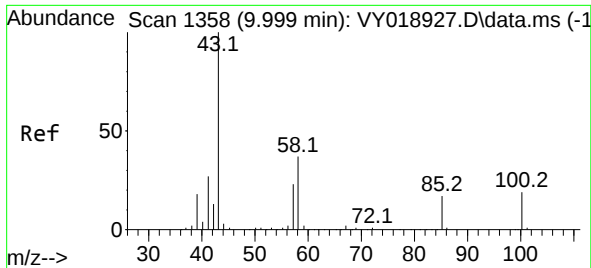
Tgt Ion: 98 Resp: 99461

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

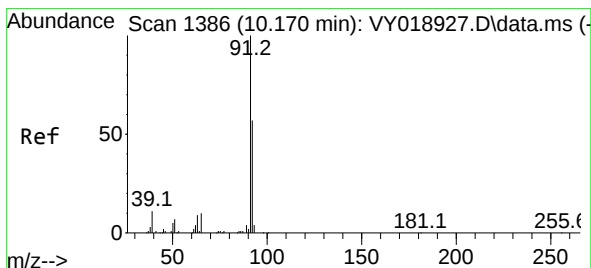
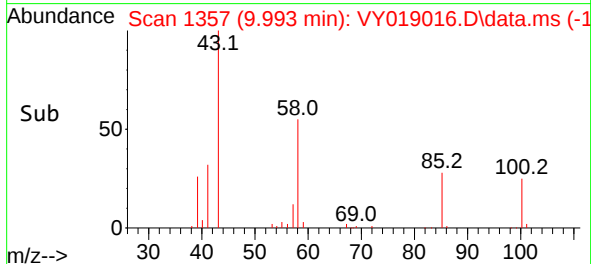
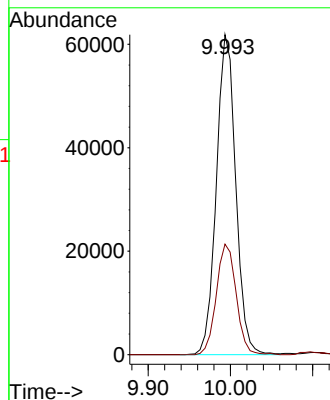
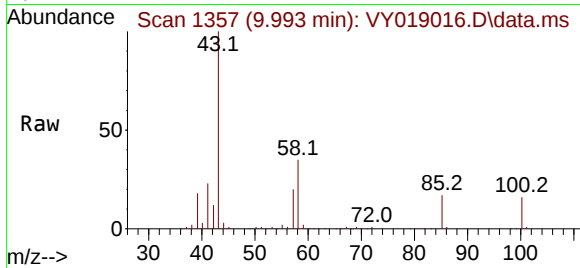




#51
4-Methyl-2-Pentanone
Concen: 313.877 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

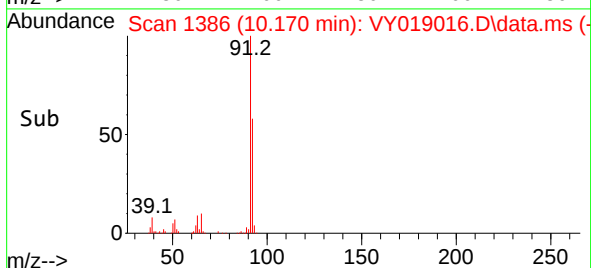
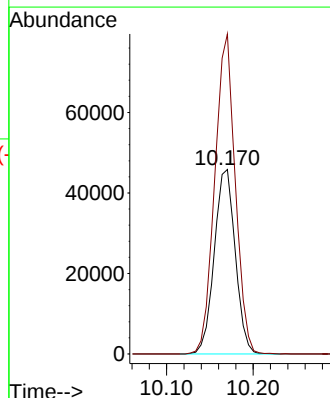
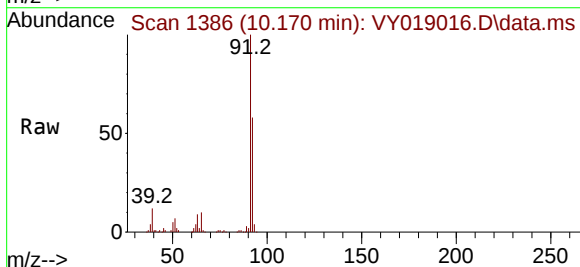
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 101317
Ion Ratio Lower Upper
43 100
58 35.4 35.7 53.5#



#52
Toluene
Concen: 58.020 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 92 Resp: 77157
Ion Ratio Lower Upper
92 100
91 169.2 139.0 208.6

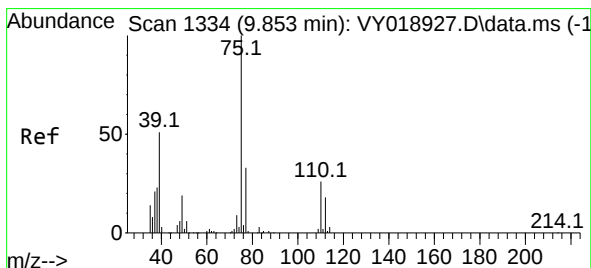
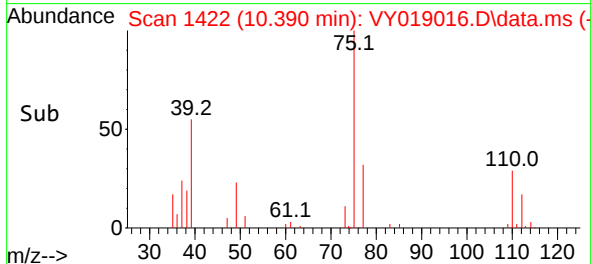
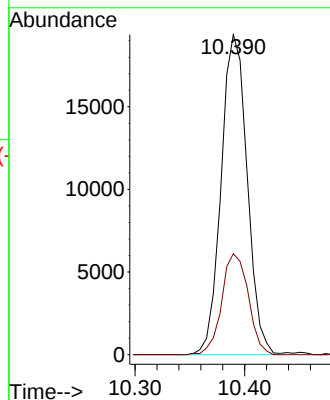
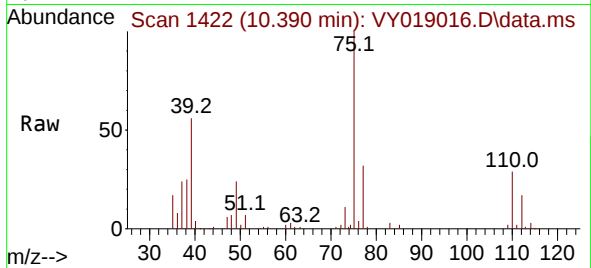




#53
t-1,3-Dichloropropene
Concen: 52.900 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

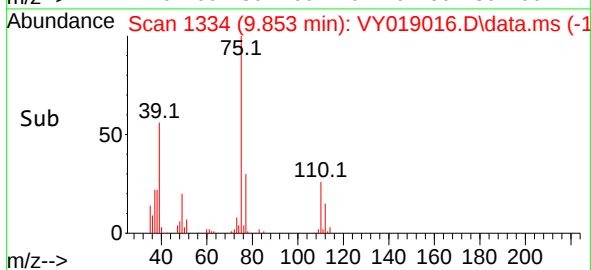
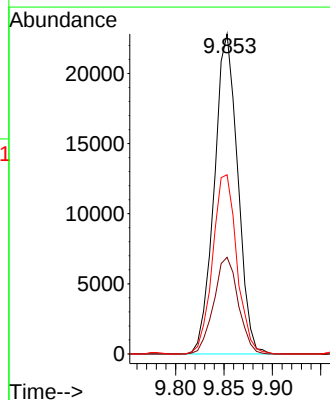
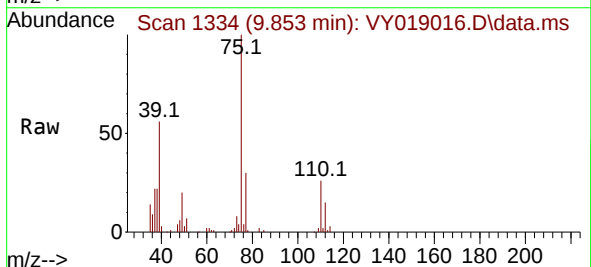
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

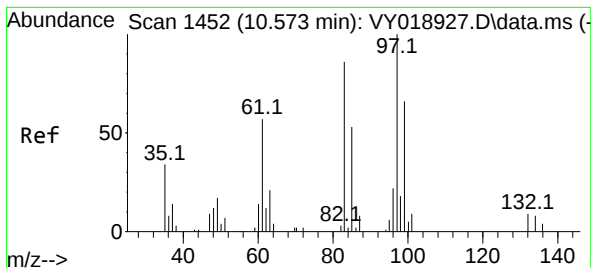
Tgt Ion: 75 Resp: 31953
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 53.610 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 75 Resp: 38465
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0
39 56.0 29.8 44.6#



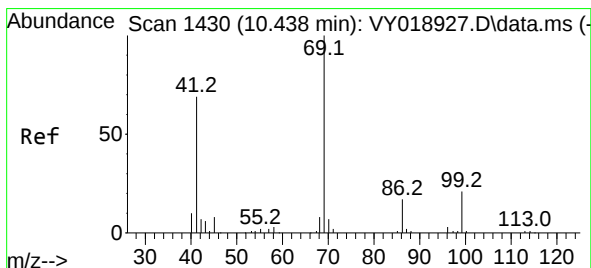
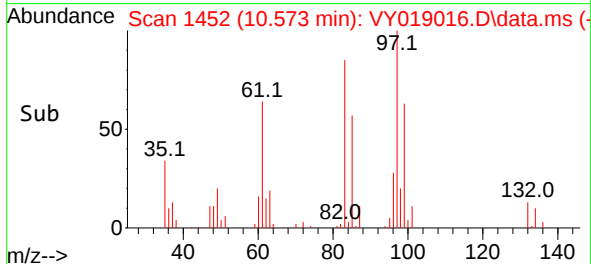
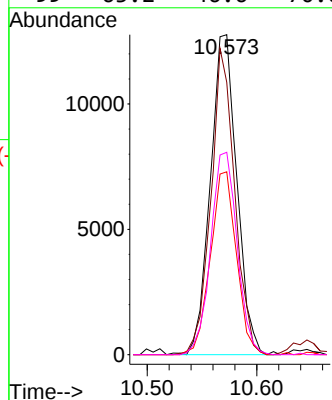
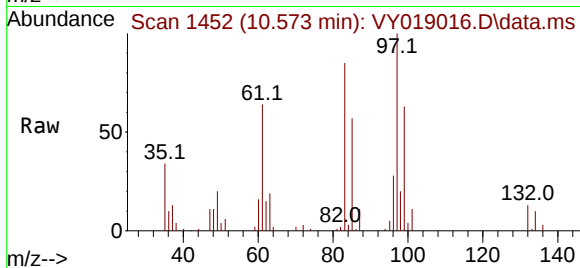


#55
1,1,2-Trichloroethane
Concen: 60.318 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 21440

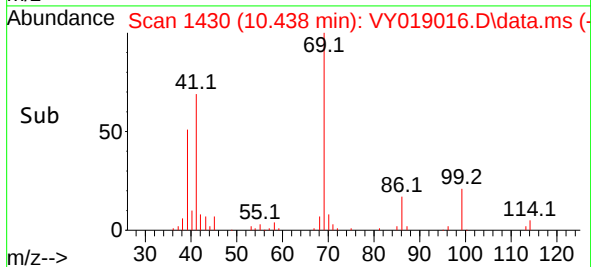
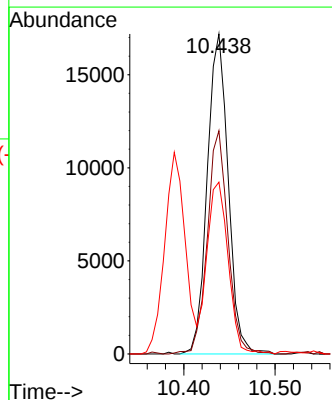
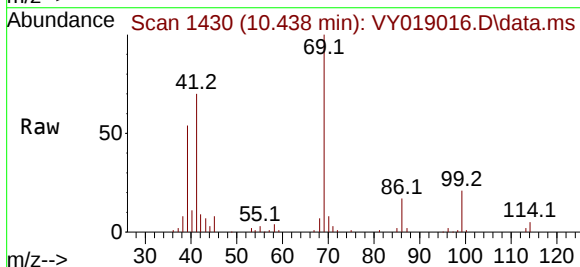
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.5	101.3
85	57.1	42.9	64.3
99	63.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 56.650 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 69 Resp: 27264

Ion	Ratio	Lower	Upper
69	100		
41	68.7	42.3	63.5#
39	54.5	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 58.946 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

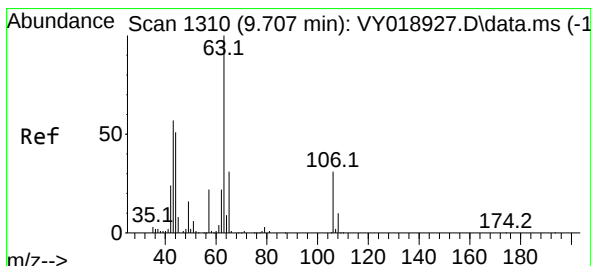
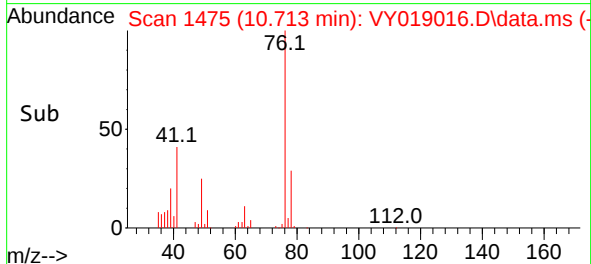
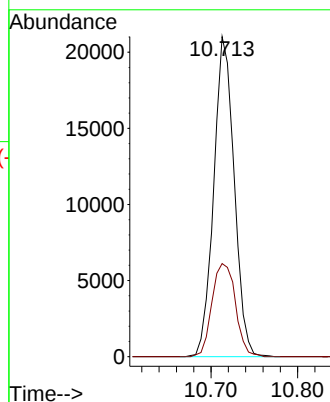
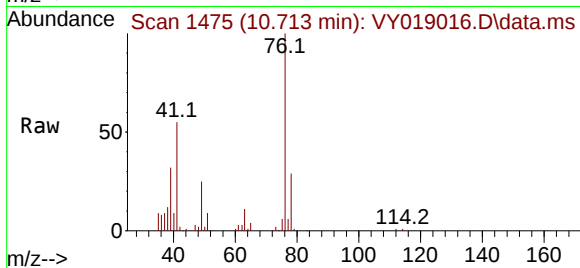
VSTDCCC050EC

Tgt Ion: 76 Resp: 34498

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 266.307 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY019016.D

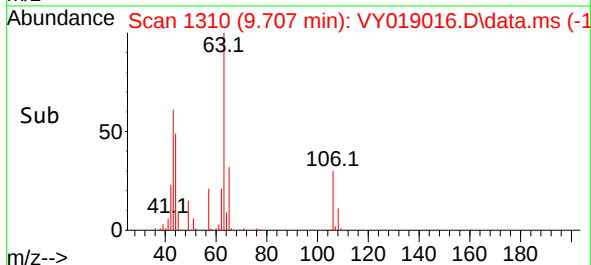
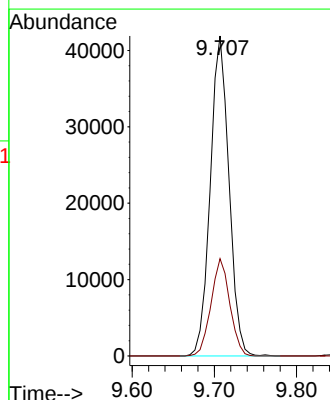
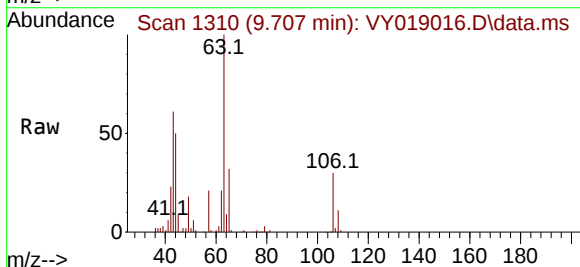
Acq: 12 Aug 2024 20:52

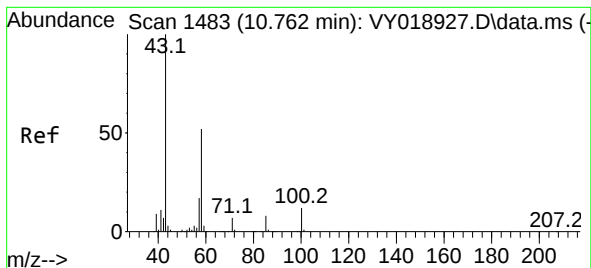
Tgt Ion: 63 Resp: 66075

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5

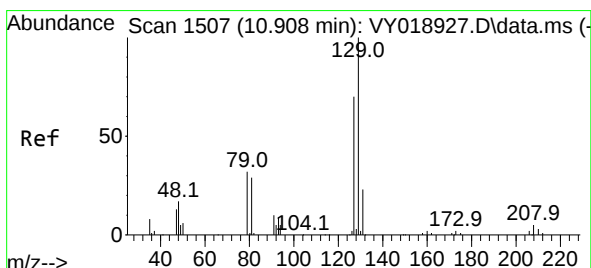
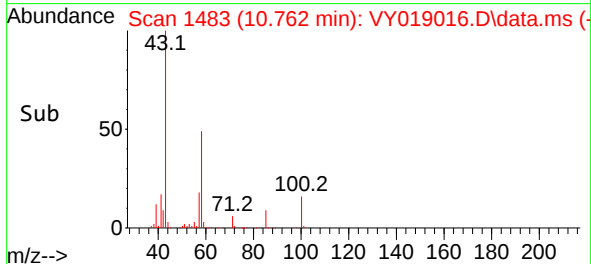
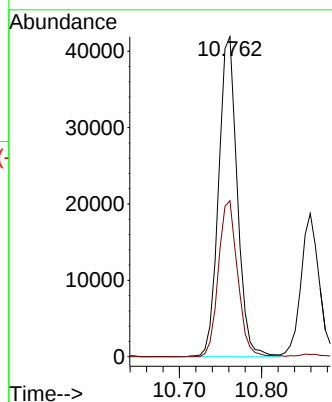
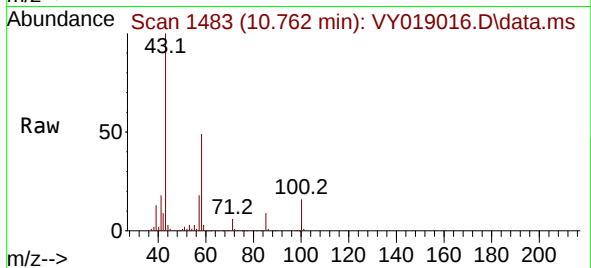




#59
2-Hexanone
Concen: 285.265 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

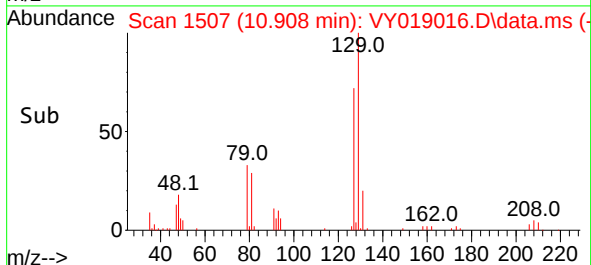
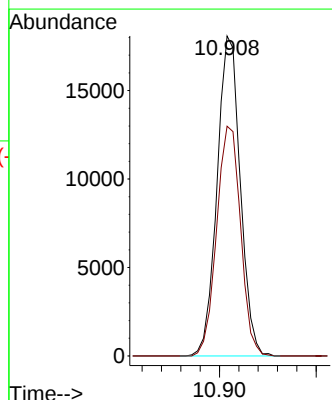
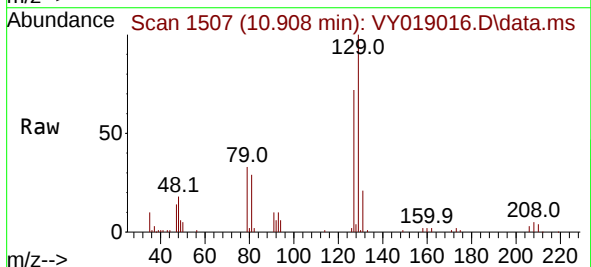
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

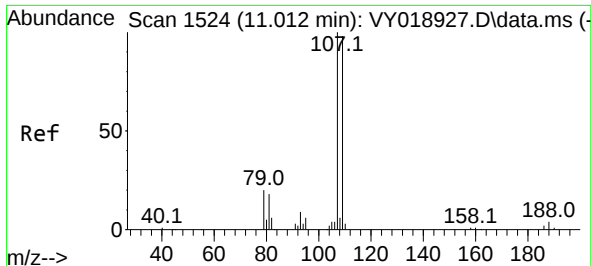
Tgt Ion: 43 Resp: 66053
Ion Ratio Lower Upper
43 100
58 50.3 31.4 94.0



#60
Dibromochloromethane
Concen: 63.080 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 129 Resp: 30061
Ion Ratio Lower Upper
129 100
127 74.0 39.0 117.0

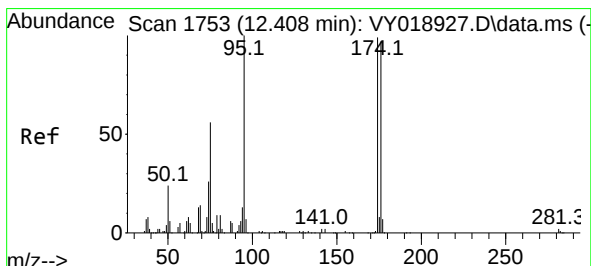
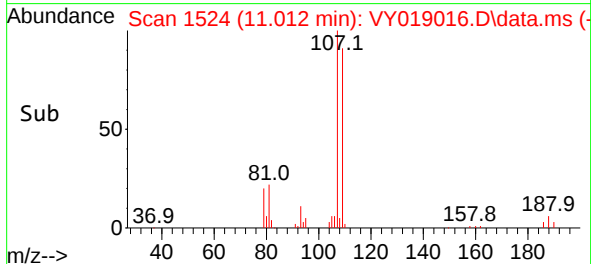
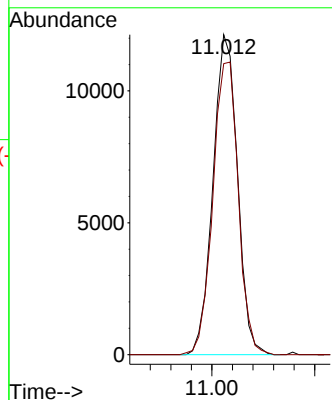
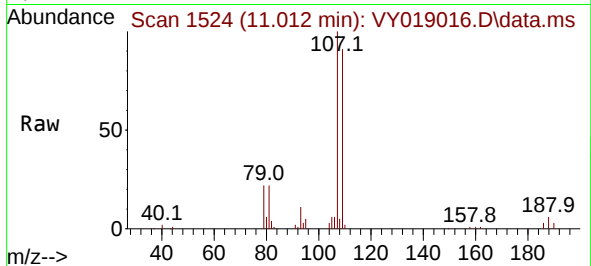




#61
1,2-Dibromoethane
Concen: 58.328 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

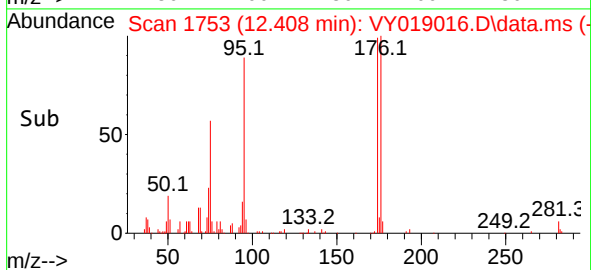
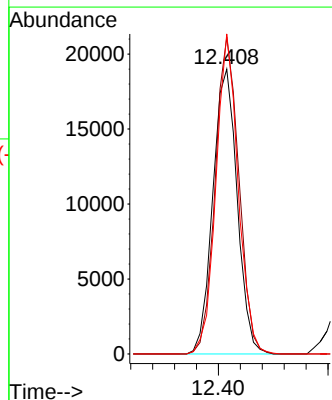
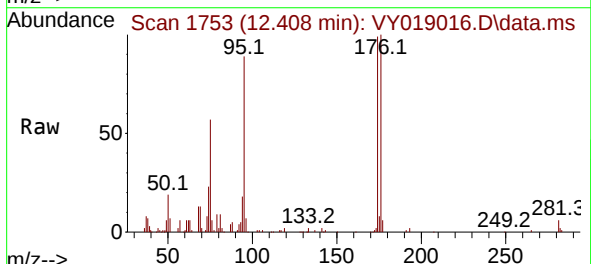
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

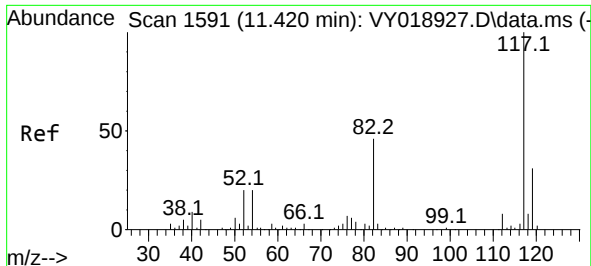
Tgt Ion:107 Resp: 20019
Ion Ratio Lower Upper
107 100
109 95.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 95 Resp: 29292
Ion Ratio Lower Upper
95 100
174 107.9 0.0 175.6
176 102.4 0.0 171.4

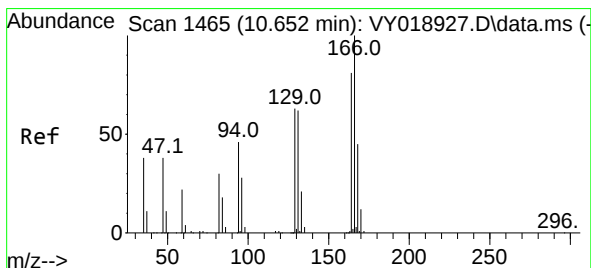
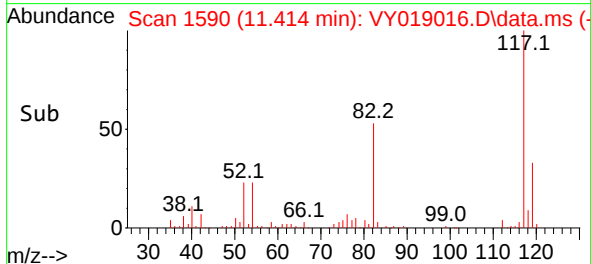
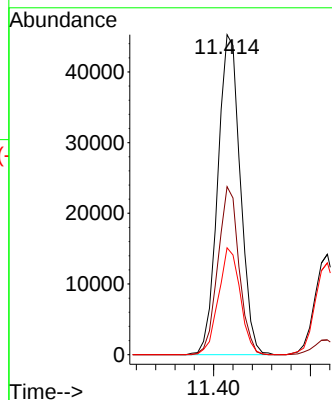
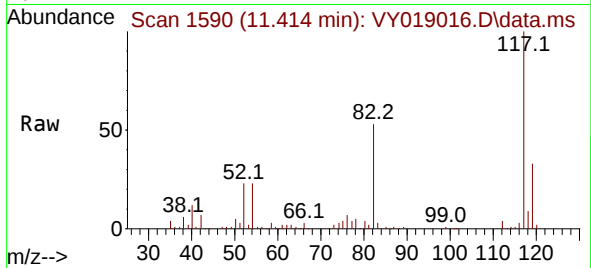




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

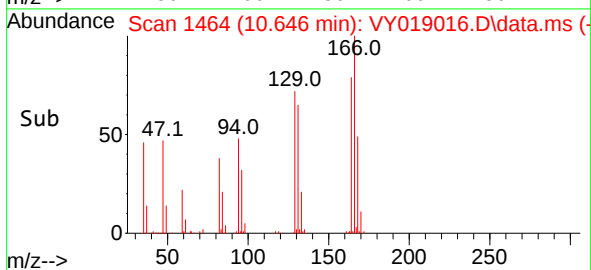
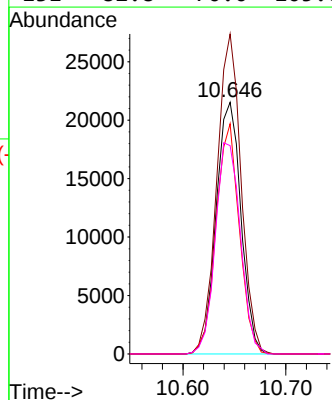
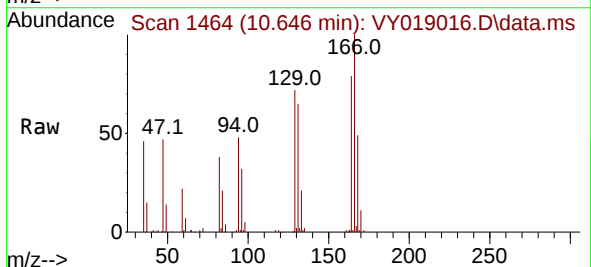
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

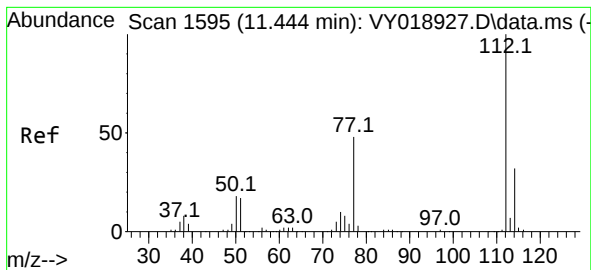
Tgt Ion:117 Resp: 72902
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 33.4 25.9 38.9



#64
Tetrachloroethene
Concen: 59.102 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:164 Resp: 36119
Ion Ratio Lower Upper
164 100
166 127.2 102.6 154.0
129 91.5 72.0 108.0
131 82.8 70.0 105.0

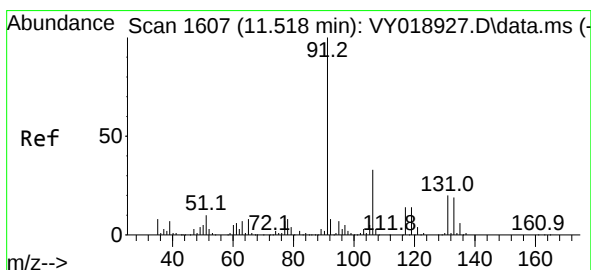
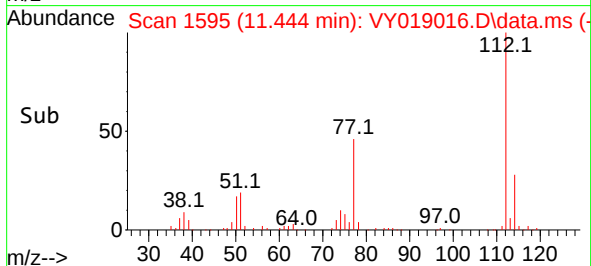
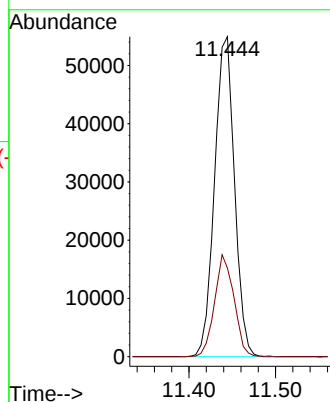
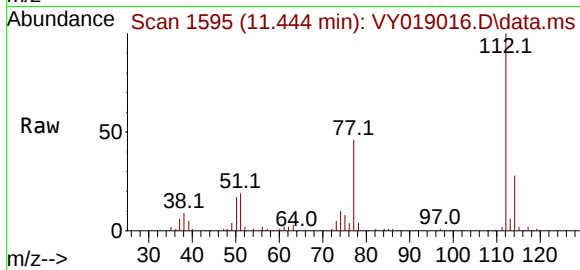




#65
Chlorobenzene
Concen: 54.893 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

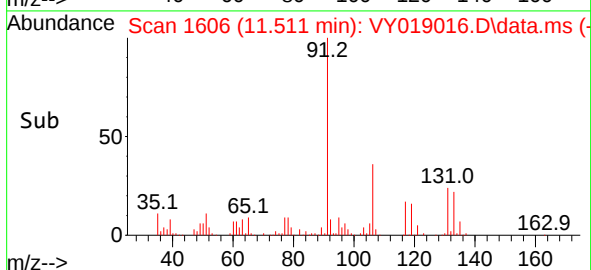
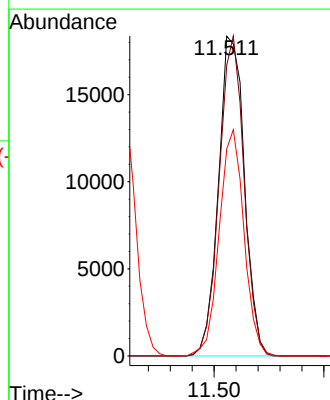
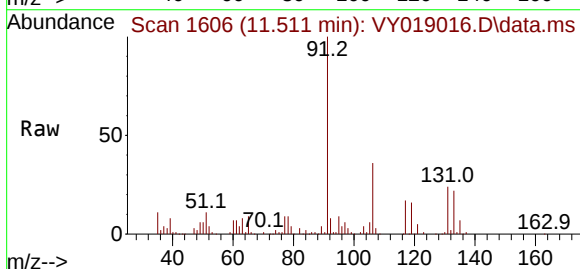
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

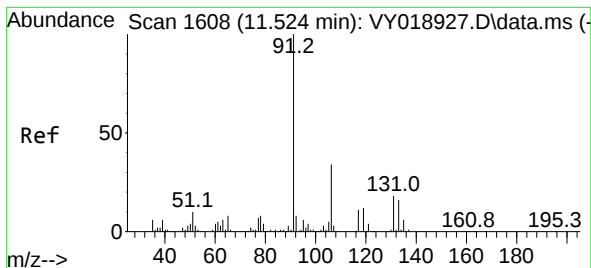
Tgt Ion:112 Resp: 87865
Ion Ratio Lower Upper
112 100
114 27.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.867 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:131 Resp: 30158
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 53.038 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

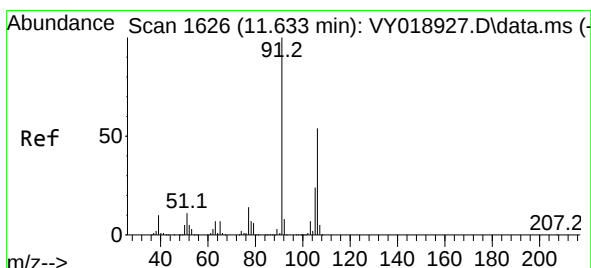
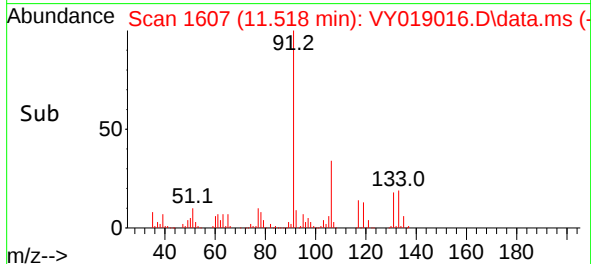
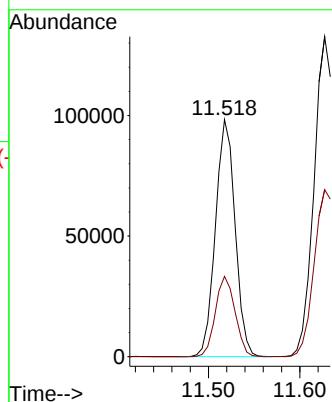
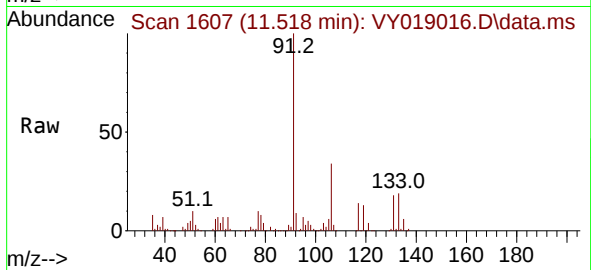
VSTDCCC050EC

Tgt Ion: 91 Resp: 146983

Ion Ratio Lower Upper

91 100

106 33.9 24.5 36.7



#68

m/p-Xylenes

Concen: 107.220 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019016.D

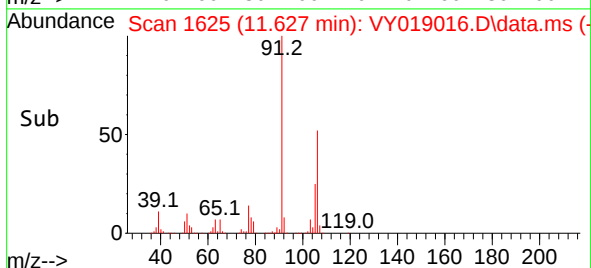
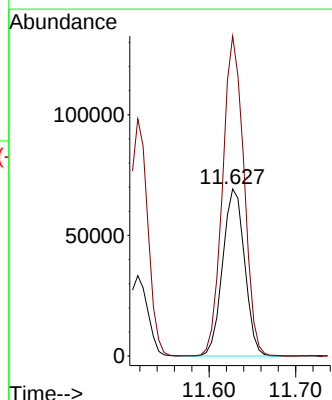
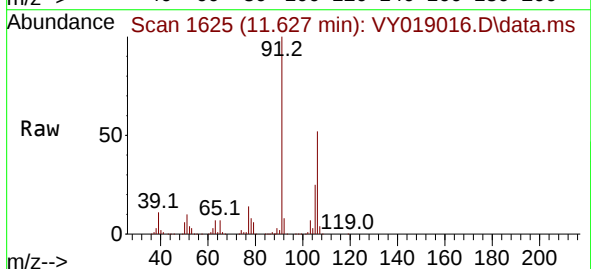
Acq: 12 Aug 2024 20:52

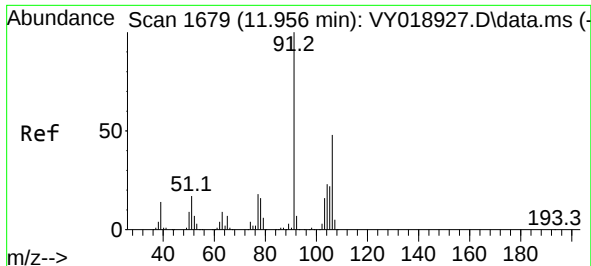
Tgt Ion:106 Resp: 121842

Ion Ratio Lower Upper

106 100

91 186.5 156.0 234.0





#69

o-Xylene

Concen: 54.571 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

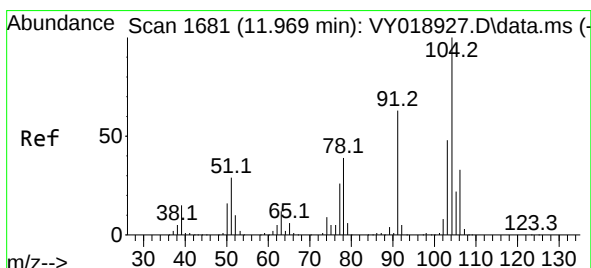
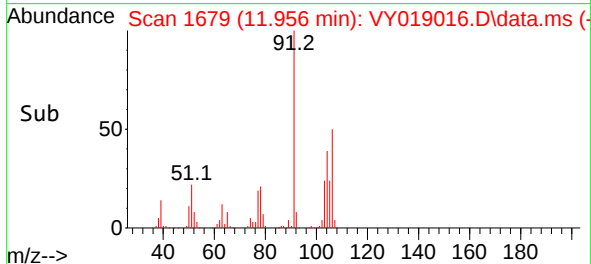
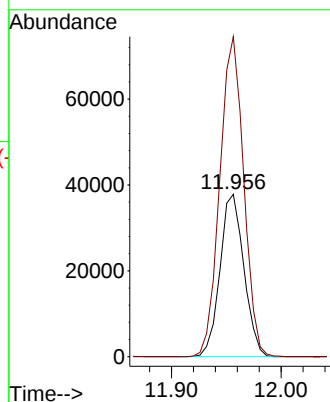
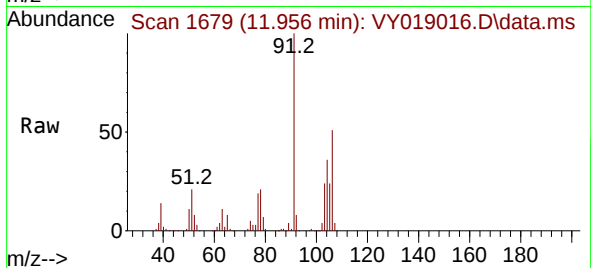
VSTDCCC050EC

Tgt Ion:106 Resp: 57234

Ion Ratio Lower Upper

106 100

91 197.3 103.6 310.8



#70

Styrene

Concen: 56.935 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

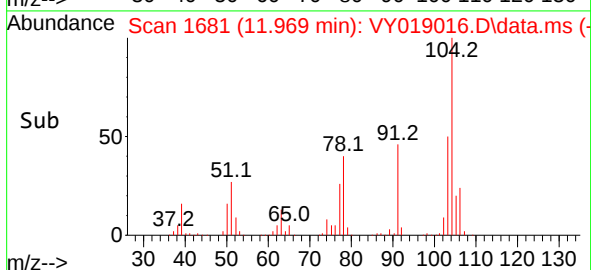
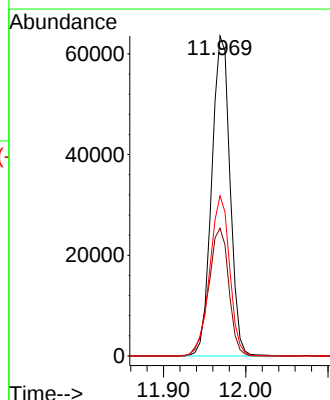
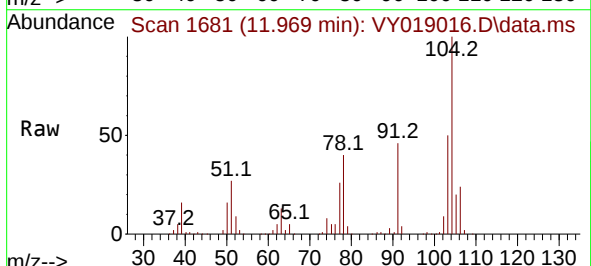
Tgt Ion:104 Resp: 98354

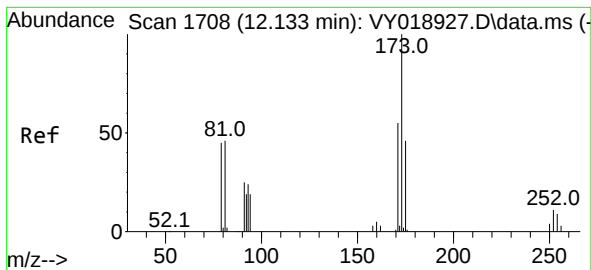
Ion Ratio Lower Upper

104 100

78 44.0 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 57.611 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

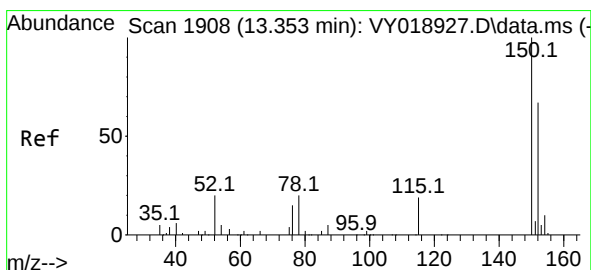
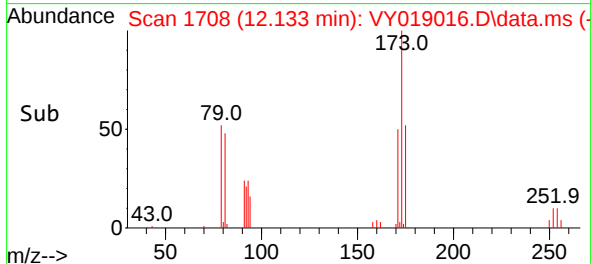
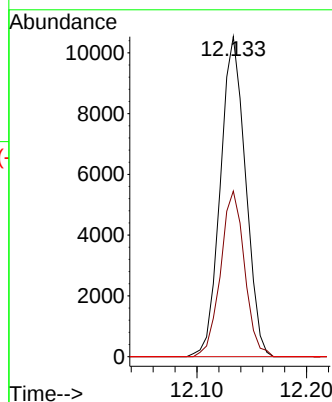
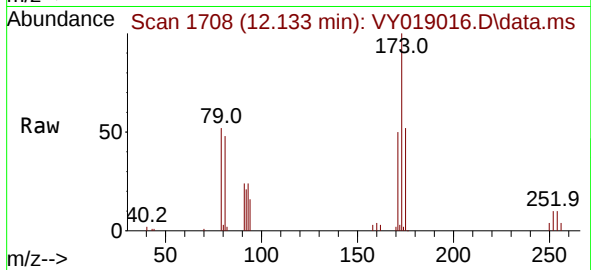
Tgt Ion:173 Resp: 16773

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

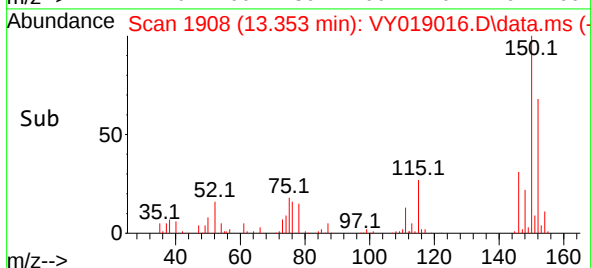
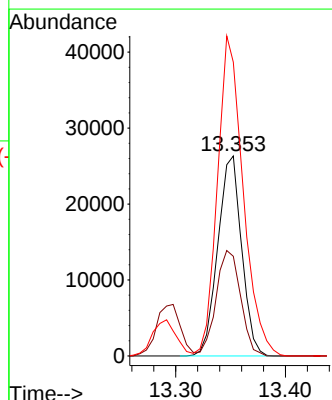
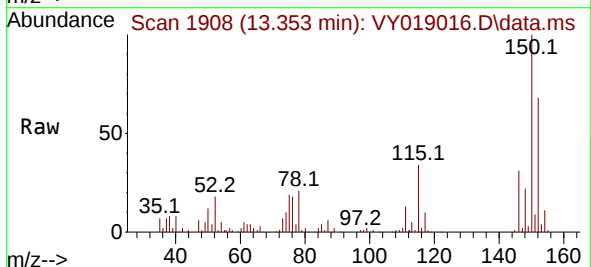
Tgt Ion:152 Resp: 39776

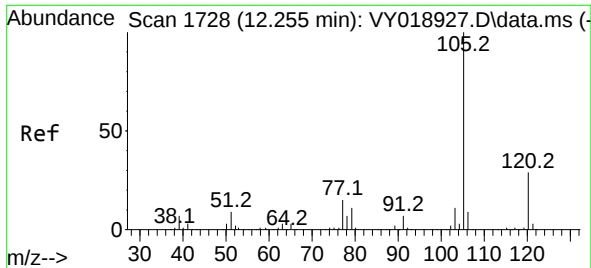
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 172.5 0.0 345.6

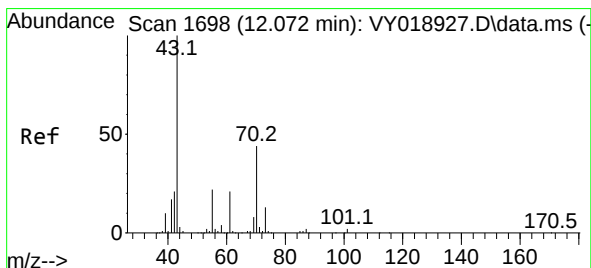
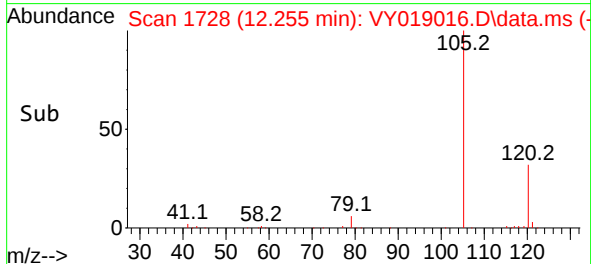
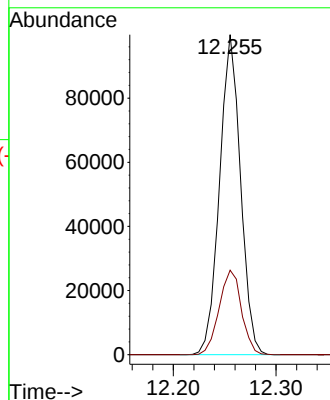
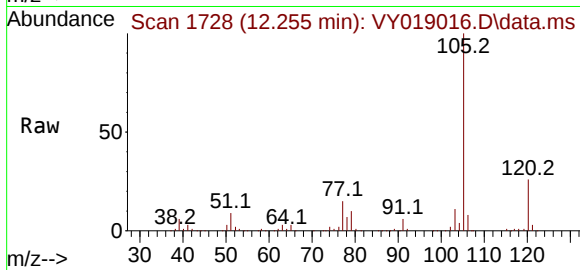




#73
Isopropylbenzene
Concen: 48.832 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

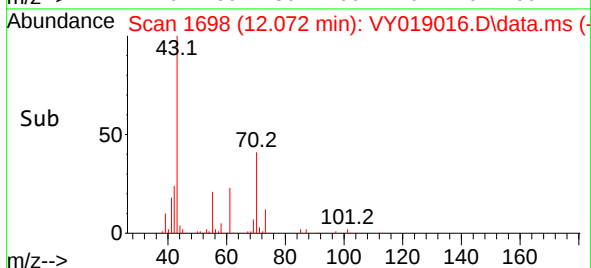
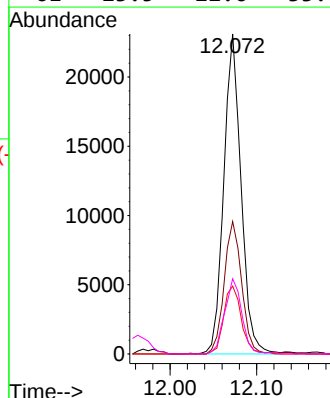
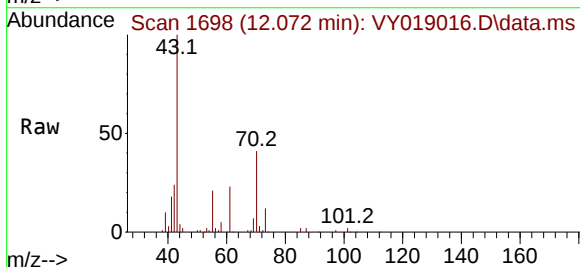
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 140990
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1



#74
N-ethyl acetate
Concen: 48.131 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 43 Resp: 32067
Ion Ratio Lower Upper
43 100
70 41.8 41.4 62.2
55 21.8 23.3 34.9#
61 23.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.902 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

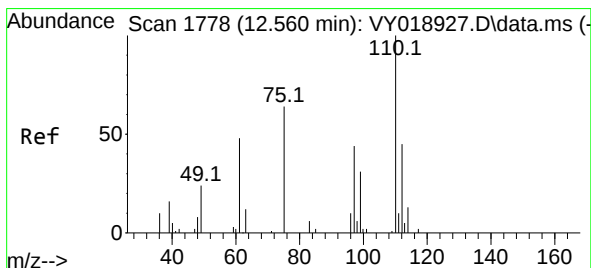
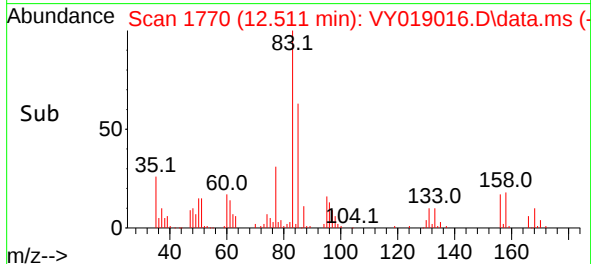
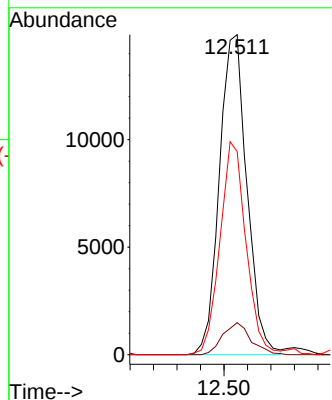
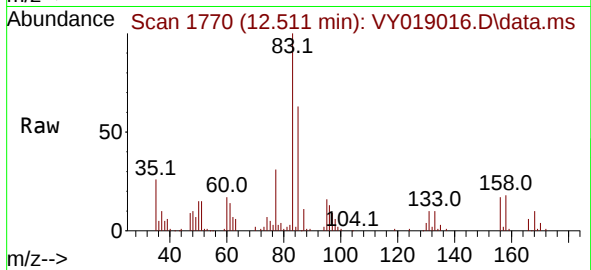
Tgt Ion: 83 Resp: 24183

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 100.646 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY019016.D

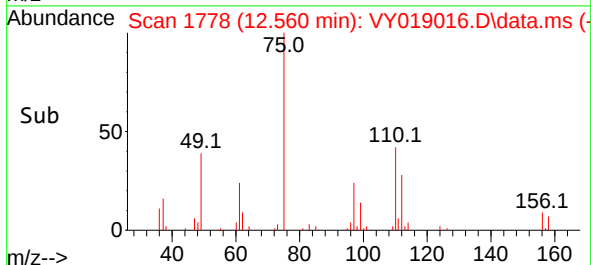
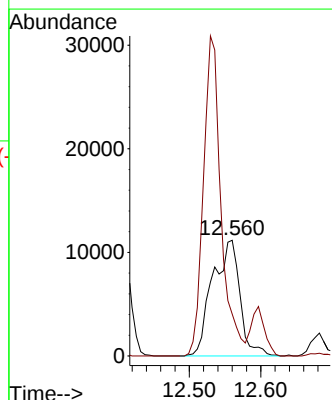
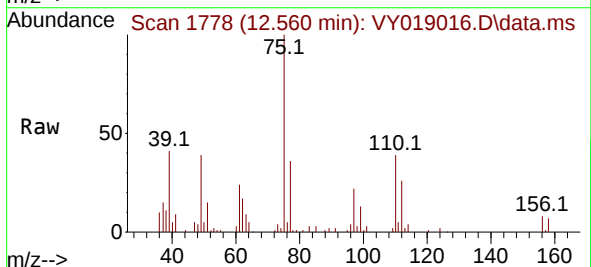
Acq: 12 Aug 2024 20:52

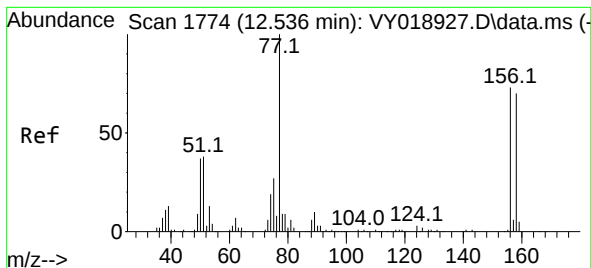
Tgt Ion: 75 Resp: 29824

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.203 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

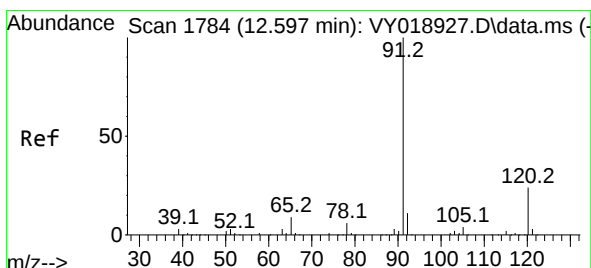
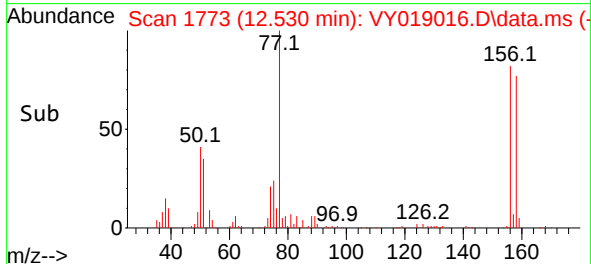
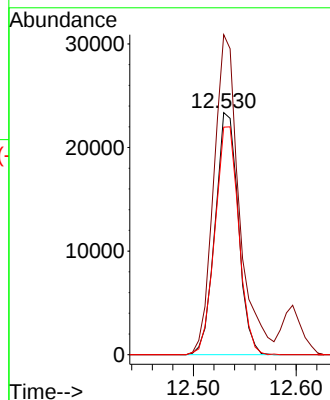
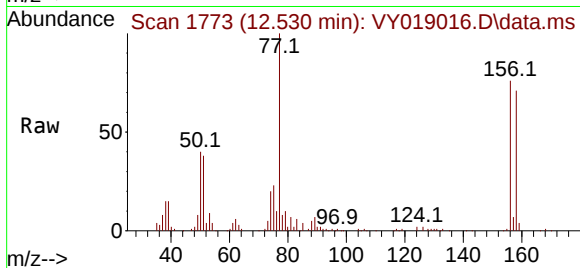
Tgt Ion:156 Resp: 36457

Ion Ratio Lower Upper

156 100

77 145.5 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 48.200 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019016.D

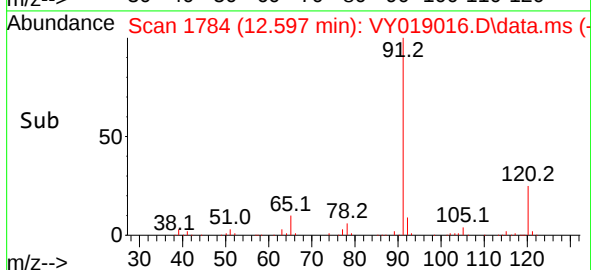
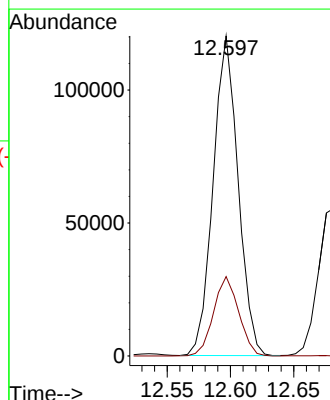
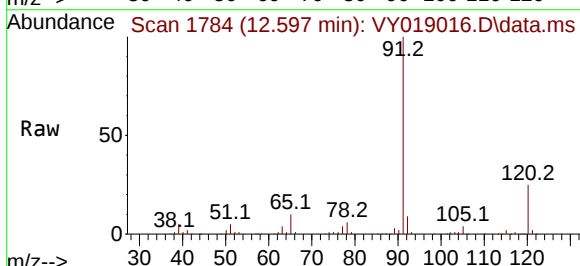
Acq: 12 Aug 2024 20:52

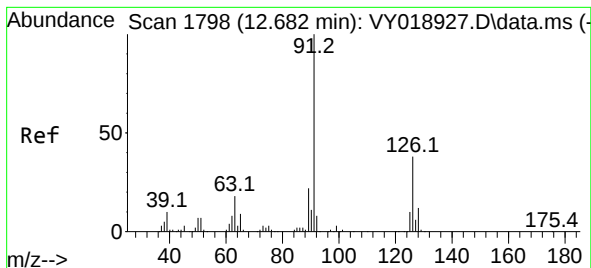
Tgt Ion: 91 Resp: 164712

Ion Ratio Lower Upper

91 100

120 25.0 11.5 34.4

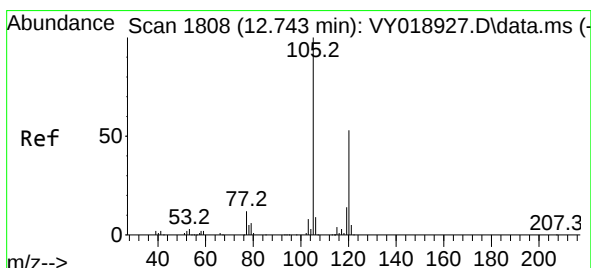
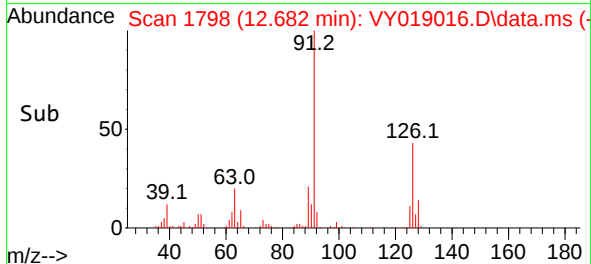
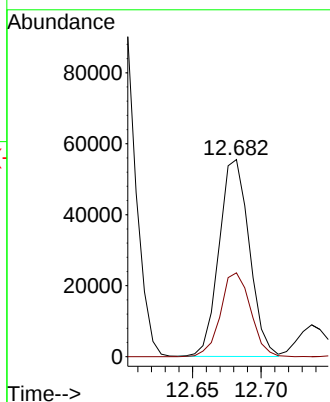
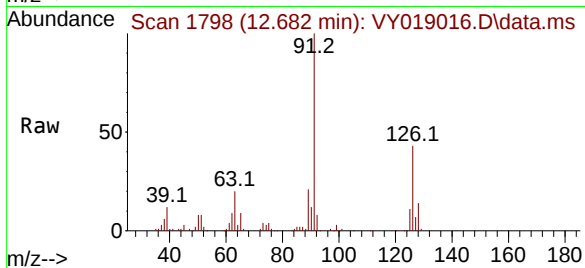




#79
2-Chlorotoluene
Concen: 48.237 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

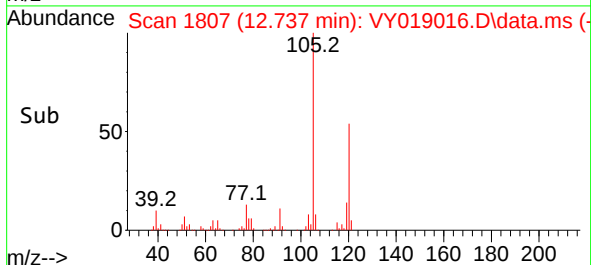
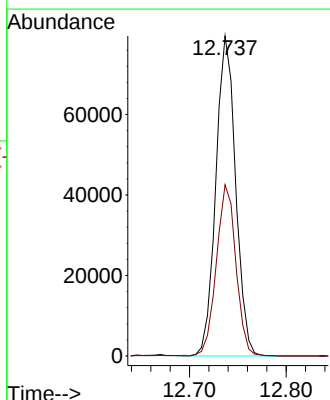
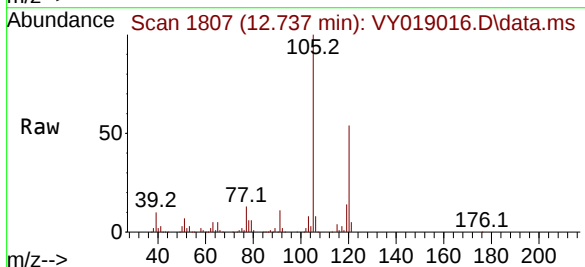
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

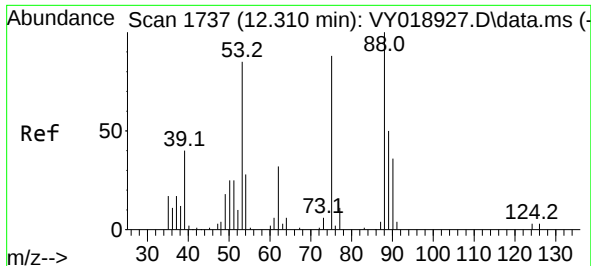
Tgt Ion: 91 Resp: 85338
Ion Ratio Lower Upper
91 100
126 42.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.821 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 105 Resp: 112727
Ion Ratio Lower Upper
105 100
120 52.9 25.1 75.2

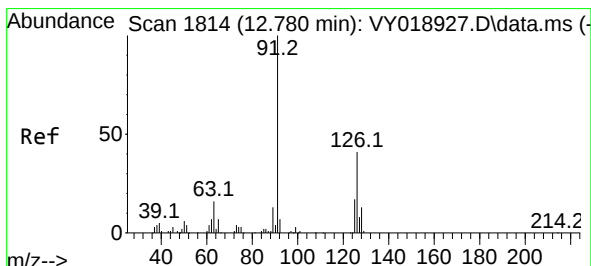
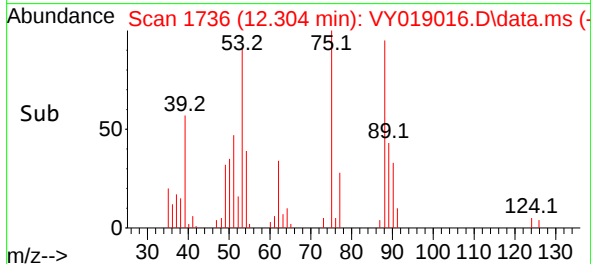
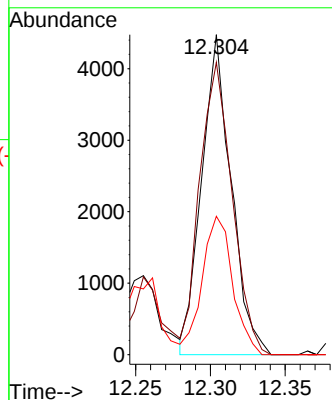
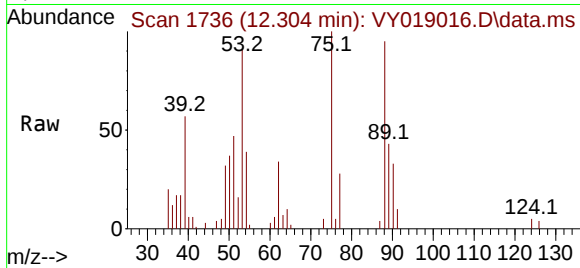




#81
trans-1,4-Dichloro-2-butene
Concen: 42.703 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

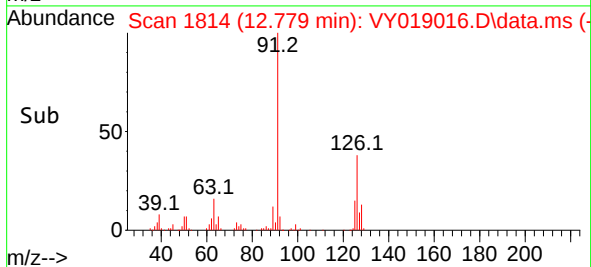
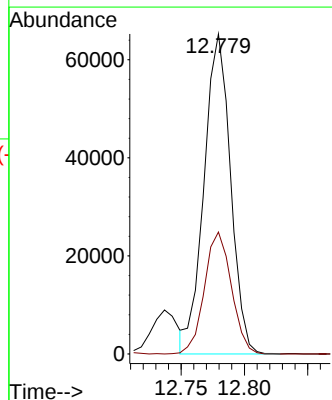
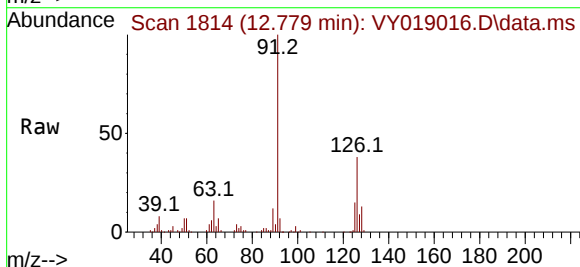
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

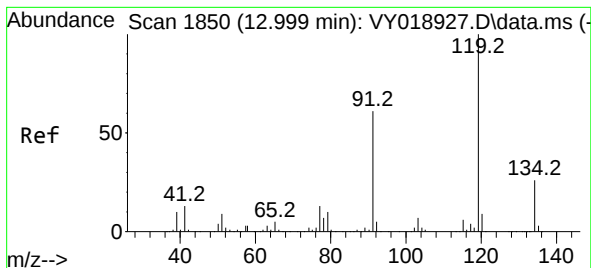
Tgt Ion:	75	Resp:	6141
Ion	Ratio	Lower	Upper
75	100		
53	100.0	66.8	100.2
89	44.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 52.504 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:	91	Resp:	95100
Ion	Ratio	Lower	Upper
91	100		
126	38.7	17.6	52.9





#83

tert-Butylbenzene

Concen: 49.126 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

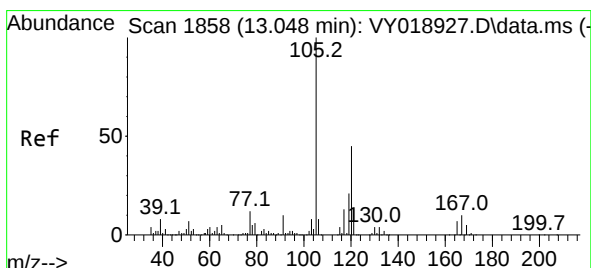
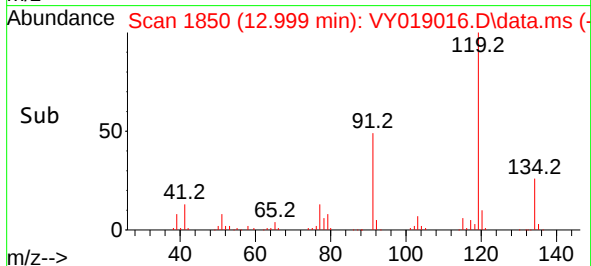
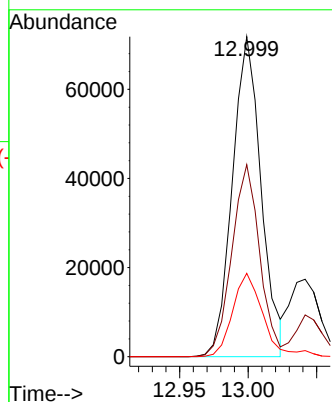
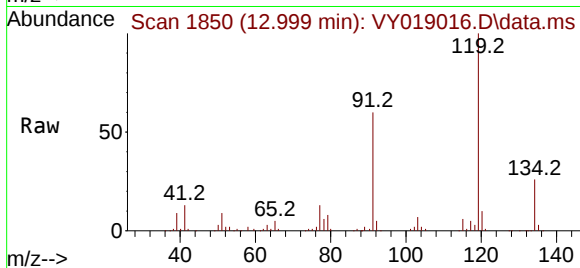
Tgt Ion:119 Resp: 104990

Ion Ratio Lower Upper

119 100

91 58.3 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.797 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY019016.D

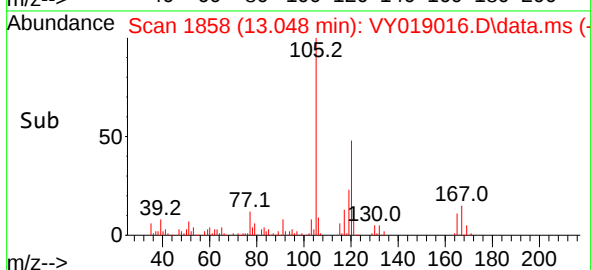
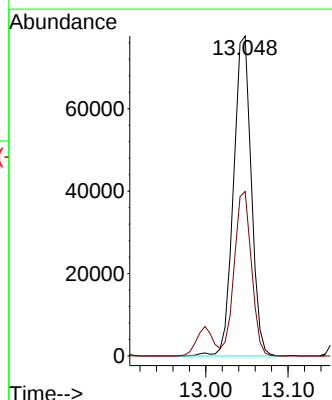
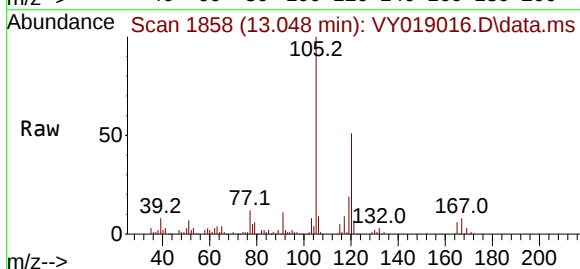
Acq: 12 Aug 2024 20:52

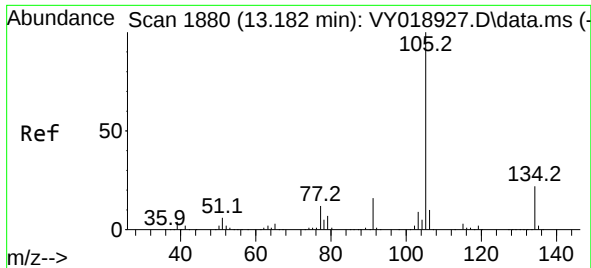
Tgt Ion:105 Resp: 116594

Ion Ratio Lower Upper

105 100

120 49.9 23.2 69.6

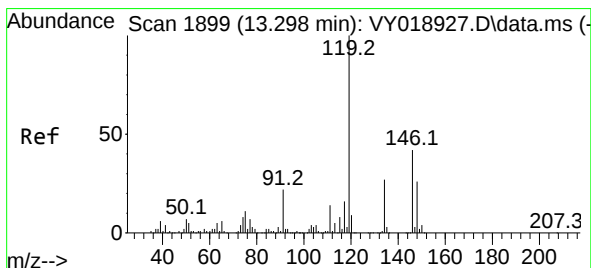
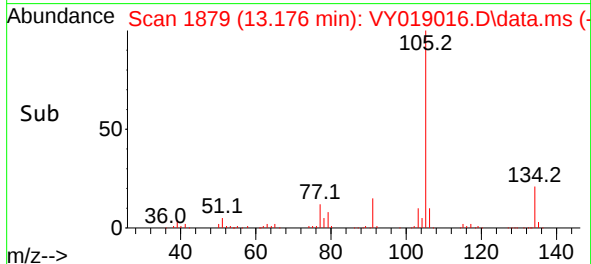
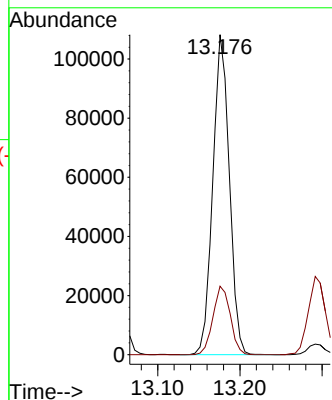
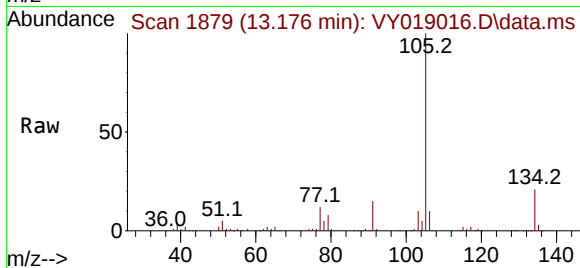




#85
 sec-Butylbenzene
 Concen: 48.809 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY019016.D
 Acq: 12 Aug 2024 20:52

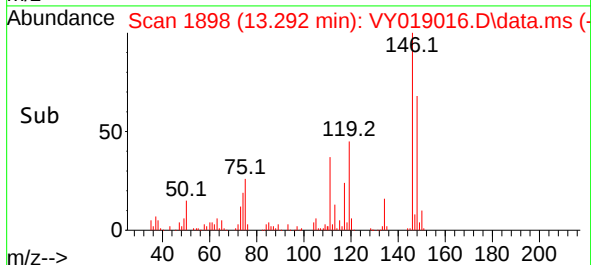
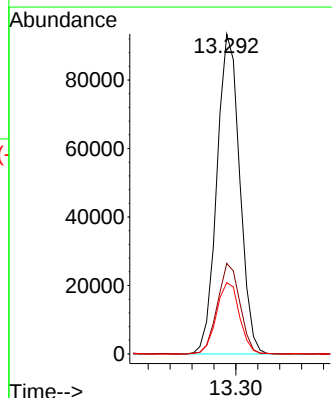
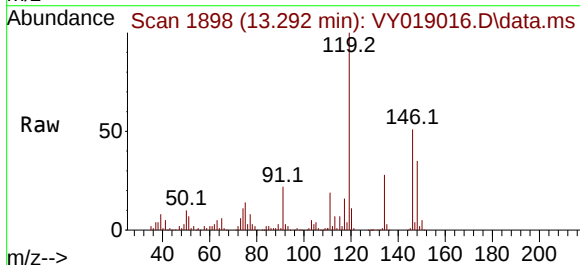
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

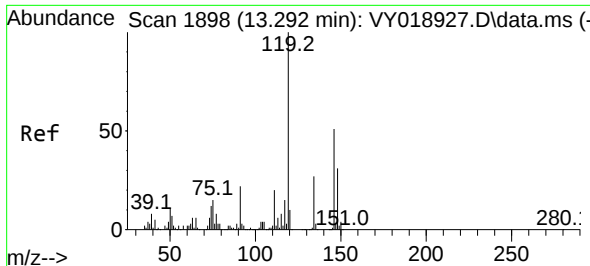
Tgt Ion:105 Resp: 151093
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.360 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY019016.D
 Acq: 12 Aug 2024 20:52

Tgt Ion:119 Resp: 134993
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.1 39.3
 91 22.7 10.7 32.1

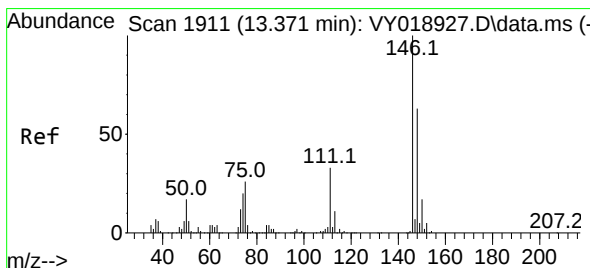
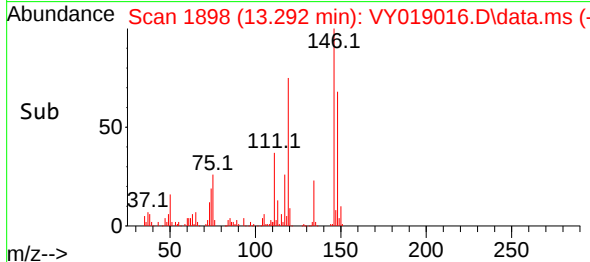
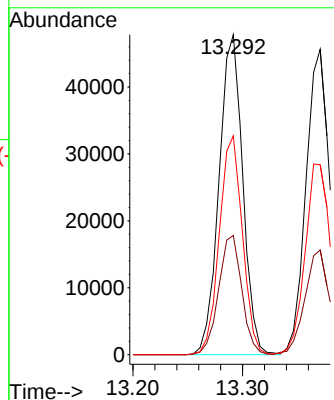
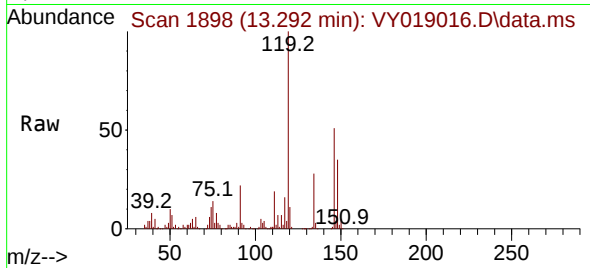




#87
1,3-Dichlorobenzene
Concen: 52.286 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

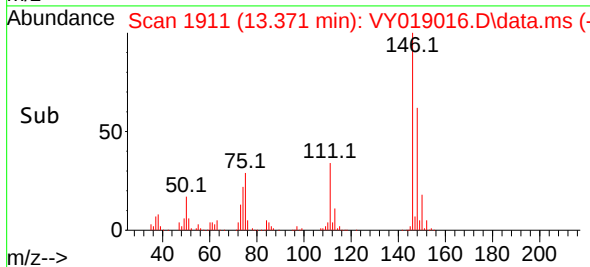
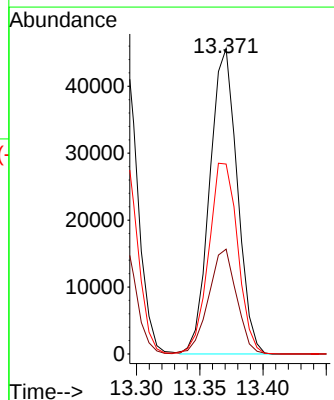
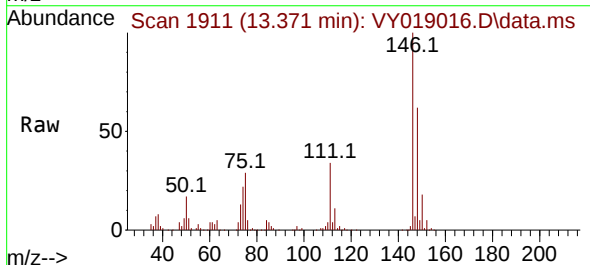
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

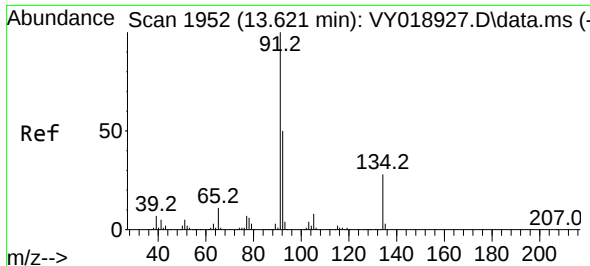
Tgt Ion:146 Resp: 71838
Ion Ratio Lower Upper
146 100
111 36.5 19.0 57.0
148 66.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 51.628 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion:146 Resp: 69177
Ion Ratio Lower Upper
146 100
111 35.0 18.4 55.4
148 65.7 32.4 97.2

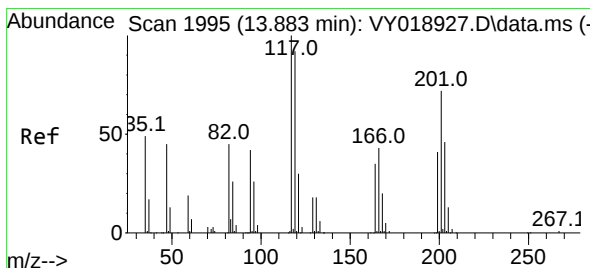
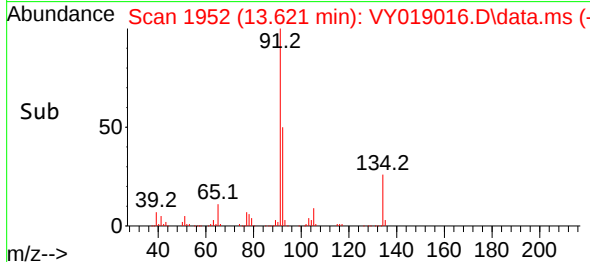
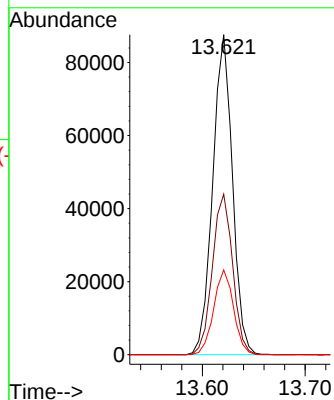
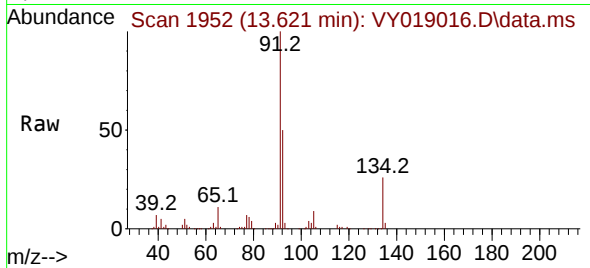




#89
n-Butylbenzene
Concen: 49.593 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

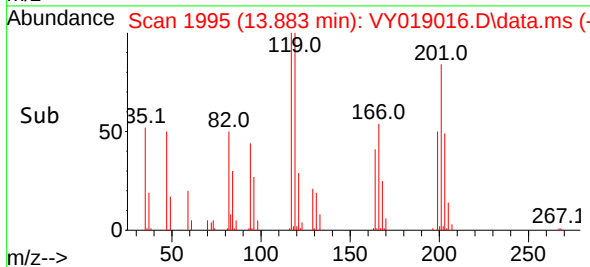
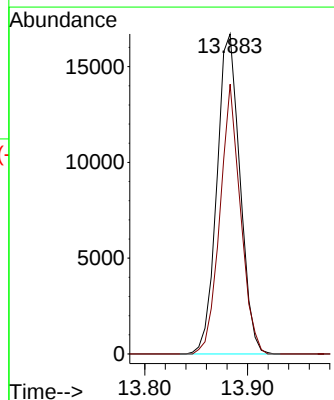
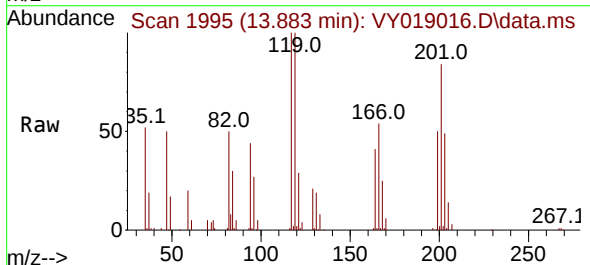
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

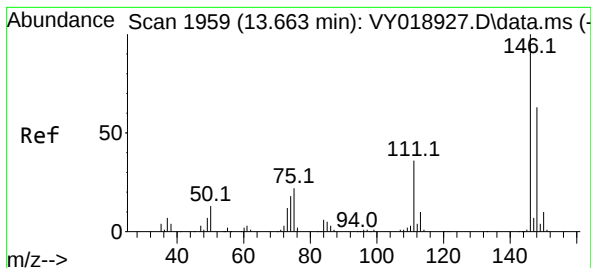
Tgt Ion: 91 Resp: 116684
Ion Ratio Lower Upper
91 100
92 51.5 26.6 79.7
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 51.454 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY019016.D
Acq: 12 Aug 2024 20:52

Tgt Ion: 117 Resp: 26025
Ion Ratio Lower Upper
117 100
201 75.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 55.701 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

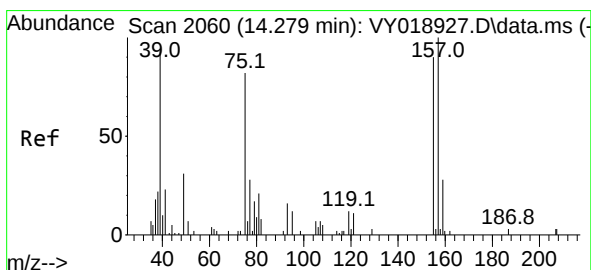
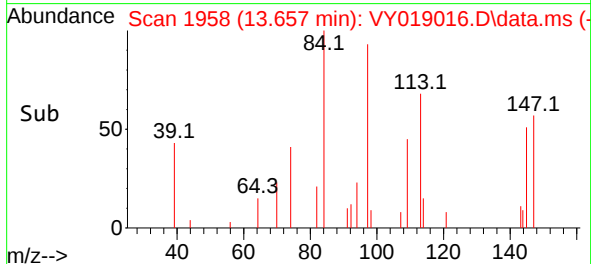
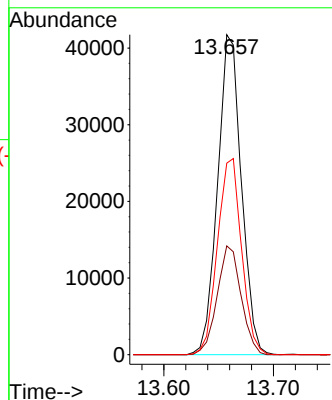
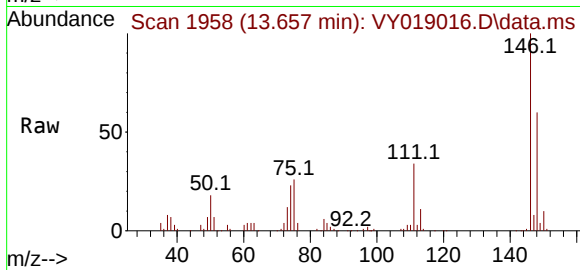
Tgt Ion:146 Resp: 62921

Ion Ratio Lower Upper

146 100

111 34.2 19.9 59.7

148 62.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.627 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

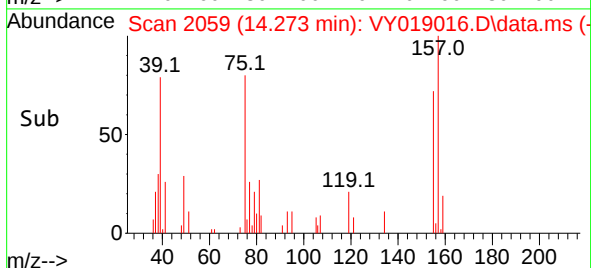
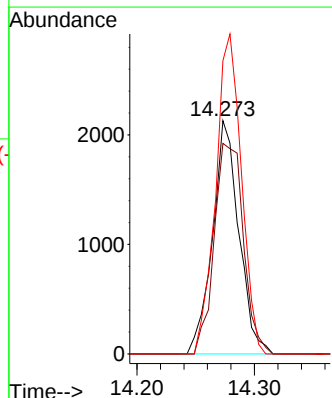
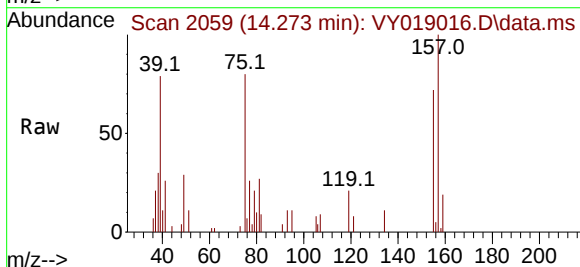
Tgt Ion: 75 Resp: 3309

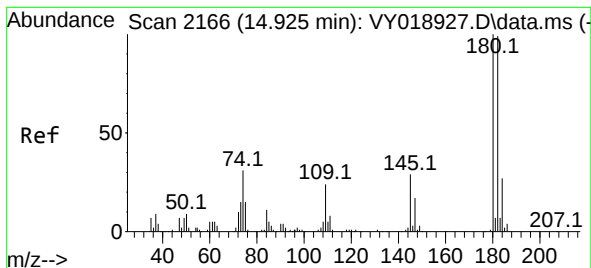
Ion Ratio Lower Upper

75 100

155 99.8 48.6 145.8

157 134.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 58.337 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

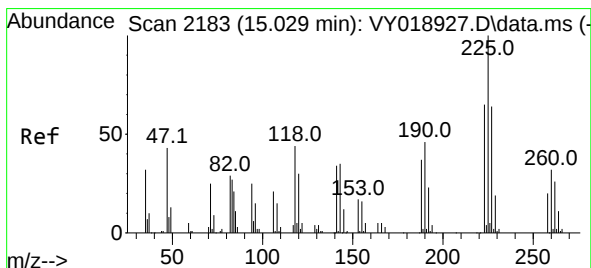
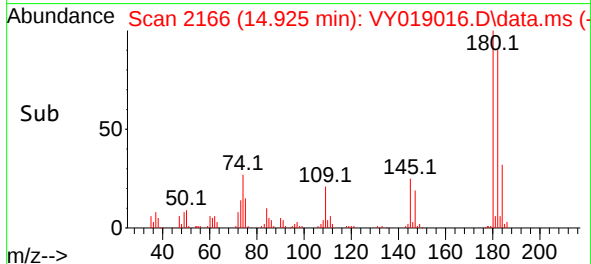
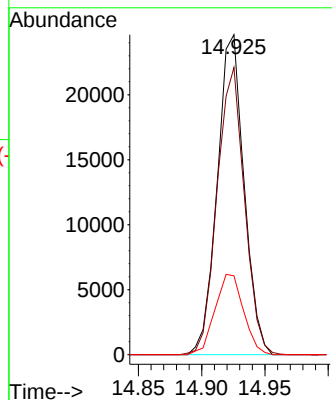
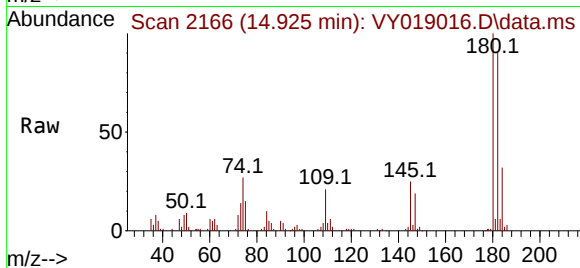
Tgt Ion:180 Resp: 36286

Ion Ratio Lower Upper

180 100

182 91.4 47.9 143.8

145 26.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.481 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

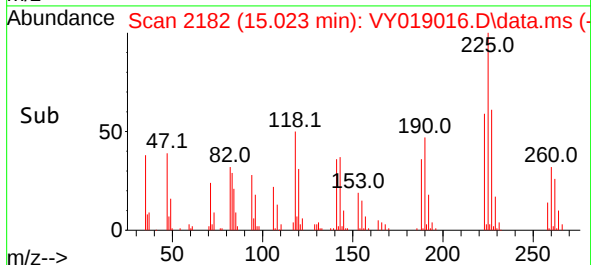
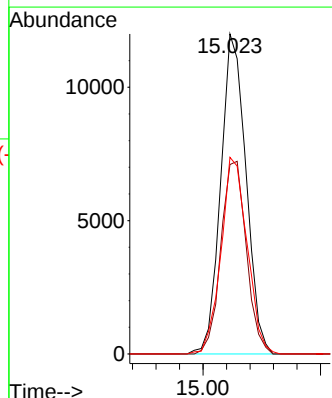
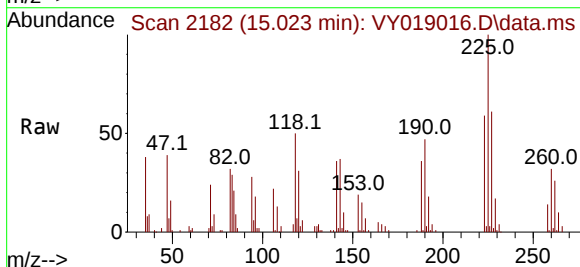
Tgt Ion:225 Resp: 17903

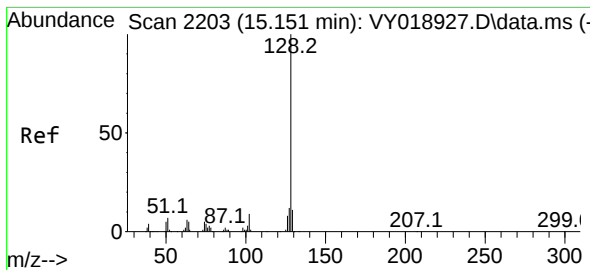
Ion Ratio Lower Upper

225 100

223 60.7 30.4 91.2

227 63.6 31.9 95.9





#95

Naphthalene

Concen: 58.203 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

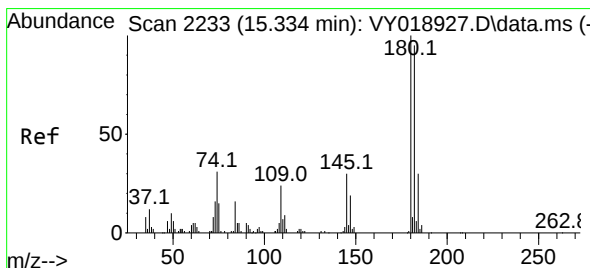
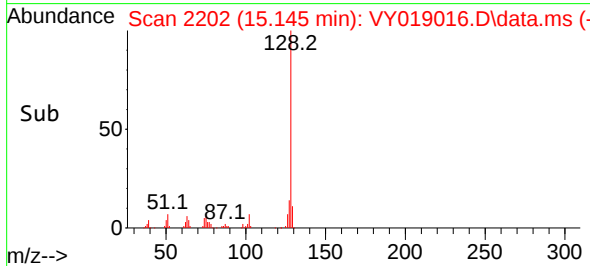
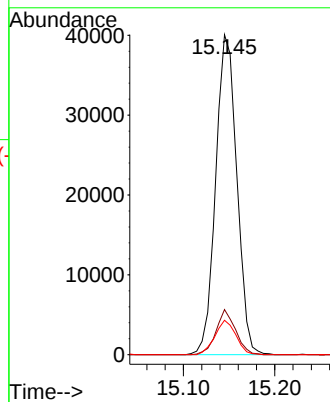
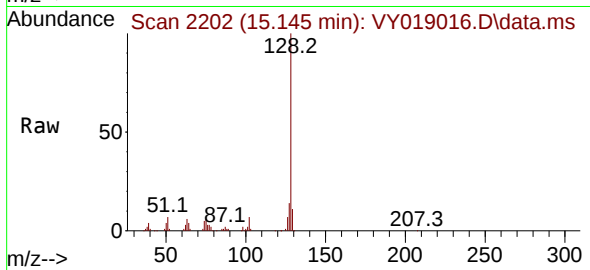
Tgt Ion:128 Resp: 64450

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.583 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY019016.D

Acq: 12 Aug 2024 20:52

Tgt Ion:180 Resp: 31277

Ion Ratio Lower Upper

180 100

182 92.1 47.6 142.9

145 28.2 15.4 46.1

