

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020619.D
 Acq On : 17 Dec 2024 14:51
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 18 04:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	167036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	257526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	219786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10628	5.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.620%#
35) Dibromofluoromethane	7.634	113	10393	5.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.460%#
50) Toluene-d8	10.109	98	37211	5.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.720%#
62) 4-Bromofluorobenzene	12.408	95	15073	6.066	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	12.140%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	11112	5.326	ug/l	100
3) Chloromethane	2.074	50	9266	5.994	ug/l	89
4) Vinyl Chloride	2.208	62	8140	5.657	ug/l	91
5) Bromomethane	2.599	94	5462	5.906	ug/l	84
6) Chloroethane	2.739	64	5039	5.667	ug/l	97
7) Trichlorofluoromethane	3.068	101	16587	5.509	ug/l	89
8) Diethyl Ether	3.464	74	5733	5.430	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	11901	5.515	ug/l	98
10) Methyl Iodide	4.007	142	11197	4.660	ug/l	98
11) Tert butyl alcohol	4.848	59	7794	12.197	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	11147	5.324	ug/l	85
13) Acrolein	3.659	56	2720	31.444	ug/l	97
14) Allyl chloride	4.385	41	19430	5.296	ug/l	98
15) Acrylonitrile	5.061	53	12057	23.869	ug/l	98
16) Acetone	3.873	43	14032	33.023	ug/l	94
17) Carbon Disulfide	4.110	76	35780	5.250	ug/l	97
18) Methyl Acetate	4.391	43	6311	5.070	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	25765	4.768	ug/l	93
20) Methylene Chloride	4.616	84	12792	5.624	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	11813	5.030	ug/l	93
22) Diisopropyl ether	6.019	45	37011	4.970	ug/l #	88
23) Vinyl Acetate	5.964	43	98112	23.261	ug/l	98
24) 1,1-Dichloroethane	5.915	63	22261	5.102	ug/l	96
25) 2-Butanone	6.897	43	19017	27.972	ug/l	94
26) 2,2-Dichloropropane	6.878	77	24236	5.876	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	13806	5.109	ug/l	93
28) Bromochloromethane	7.244	49	7129	4.844	ug/l	96
29) Tetrahydrofuran	7.268	42	9729	22.669	ug/l	97
30) Chloroform	7.421	83	34563	2.901	ug/l	98
31) Cyclohexane	7.707	56	24108	5.779	ug/l #	85
32) 1,1,1-Trichloroethane	7.622	97	20368	5.082	ug/l	99
36) 1,1-Dichloropropene	7.835	75	17712	5.352	ug/l	98
37) Ethyl Acetate	6.988	43	7613	4.890	ug/l	96
38) Carbon Tetrachloride	7.817	117	18792	5.132	ug/l	96
39) Methylcyclohexane	9.110	83	22745	5.273	ug/l	94
40) Benzene	8.079	78	49636	5.117	ug/l	99

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 18 04:55:57 2024
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 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	9689	11.773	ug/l #	30
42) 1,2-Dichloroethane	8.159	62	12917	5.020	ug/l	95
43) Isopropyl Acetate	8.195	43	13361	4.533	ug/l #	86
44) Trichloroethene	8.866	130	12384	5.195	ug/l	88
45) 1,2-Dichloropropane	9.146	63	11378	5.019	ug/l	96
46) Dibromomethane	9.231	93	5965	4.978	ug/l	99
47) Bromodichloromethane	9.420	83	16115	4.979	ug/l	98
48) Methyl methacrylate	9.219	41	6545	4.671	ug/l	93
49) 1,4-Dioxane	9.225	88	1268	92.278	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	38280	24.607	ug/l	98
52) Toluene	10.170	92	30294	5.025	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	13747	4.558	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	17025	4.764	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	7935	5.009	ug/l	93
56) Ethyl methacrylate	10.439	69	10000	4.351	ug/l	98
57) 1,3-Dichloropropane	10.719	76	13754	4.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	23872	24.686	ug/l	100
59) 2-Hexanone	10.762	43	23164	23.192	ug/l	99
60) Dibromochloromethane	10.914	129	10207	4.818	ug/l	98
61) 1,2-Dibromoethane	11.018	107	7143	4.847	ug/l	100
64) Tetrachloroethene	10.646	164	11707	5.663	ug/l	96
65) Chlorobenzene	11.445	112	31674	5.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	10526	5.009	ug/l	94
67) Ethyl Benzene	11.518	91	57861	5.103	ug/l	100
68) m/p-Xylenes	11.627	106	43257	10.262	ug/l	100
69) o-Xylene	11.957	106	19639	4.993	ug/l	99
70) Styrene	11.969	104	32495	4.945	ug/l	99
71) Bromoform	12.133	173	5762	4.877	ug/l #	98
73) Isopropylbenzene	12.255	105	53196	5.043	ug/l	100
74) N-amyl acetate	12.072	43	10480	4.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	8331	4.866	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	10818	8.690	ug/l #	100
77) Bromobenzene	12.536	156	11774	5.124	ug/l	98
78) n-propylbenzene	12.597	91	64140	5.047	ug/l	97
79) 2-Chlorotoluene	12.682	91	36508	5.106	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	43711	5.107	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2558	4.276	ug/l	90
82) 4-Chlorotoluene	12.780	91	39447	5.318	ug/l	98
83) tert-Butylbenzene	12.999	119	38538	4.972	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	41754	4.974	ug/l	97
85) sec-Butylbenzene	13.176	105	58088	5.154	ug/l	100
86) p-Isopropyltoluene	13.292	119	46384	4.992	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	23757	5.238	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	24276	5.404	ug/l	94
89) n-Butylbenzene	13.621	91	43817	4.976	ug/l	99
90) Hexachloroethane	13.883	117	9361	5.084	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	20478	5.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1404	5.051	ug/l	89
93) 1,2,4-Trichlorobenzene	14.926	180	11648	4.900	ug/l	98
94) Hexachlorobutadiene	15.029	225	8059	5.186	ug/l	99
95) Naphthalene	15.151	128	17365	4.261	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	9821	4.890	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

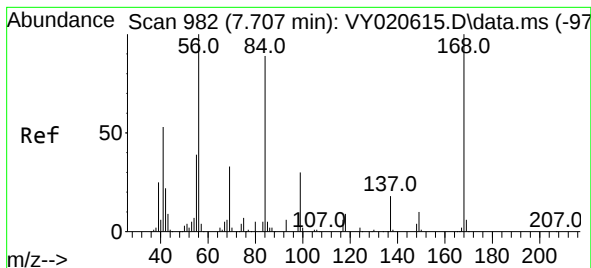
Quant Time: Dec 18 04:55:57 2024
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Quant Title : SW846 8260
QLast Update : Wed Dec 18 04:39:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 18 04:55:57 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020619.D

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Instrument :

MSVOA_Y

ClientSampleId :

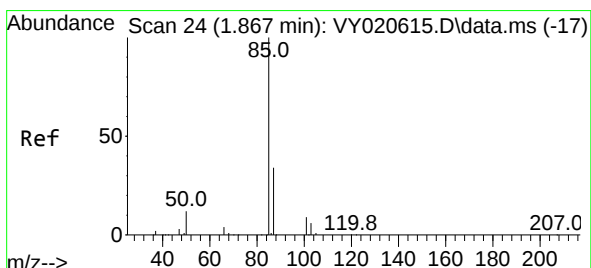
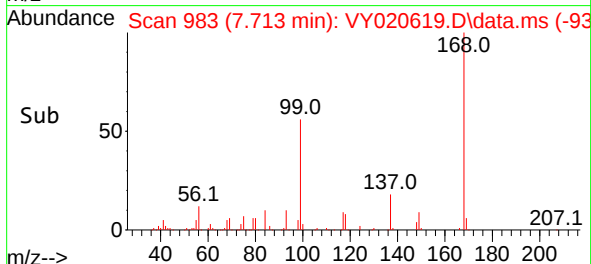
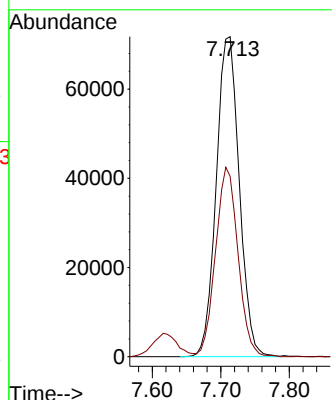
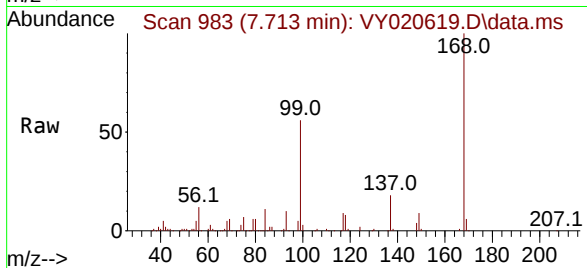
VSTDIC005

Tgt Ion:168 Resp: 167036

Ion Ratio Lower Upper

168 100

99 56.4 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 5.326 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY020619.D

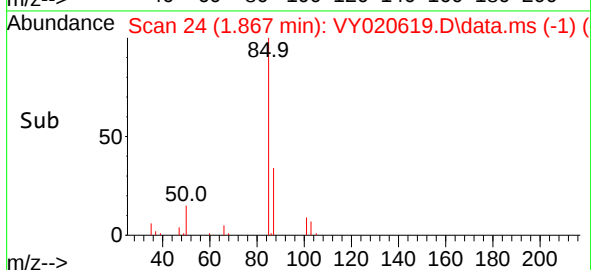
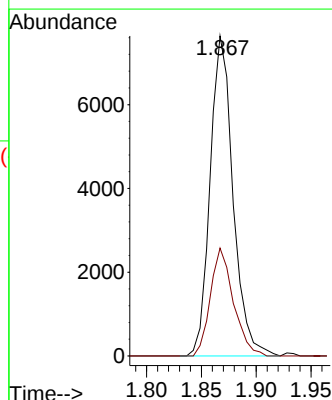
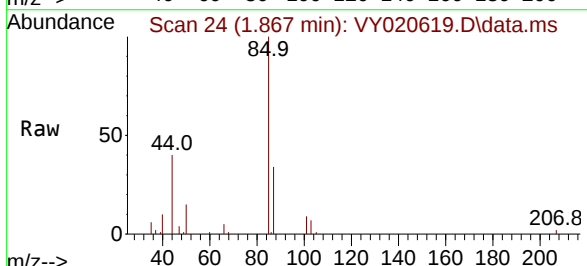
Acq: 17 Dec 2024 14:51

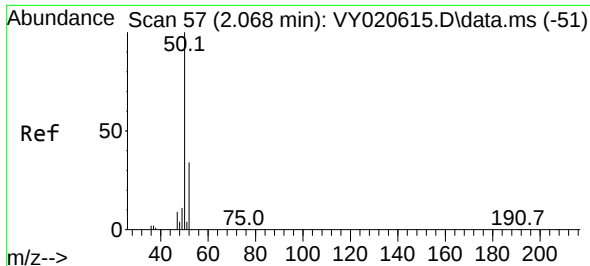
Tgt Ion: 85 Resp: 11112

Ion Ratio Lower Upper

85 100

87 33.7 16.8 50.3

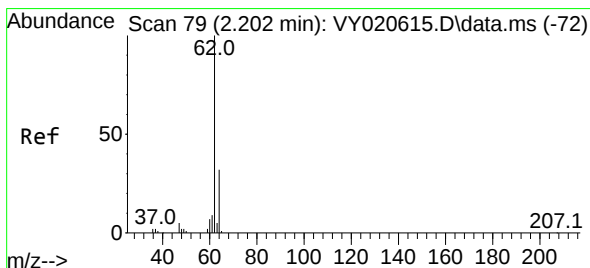
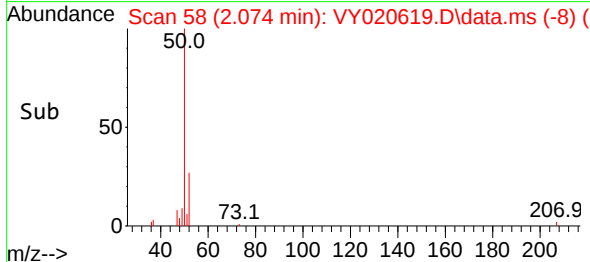
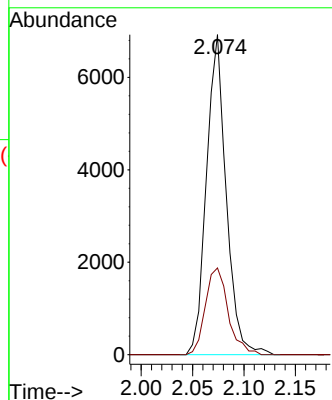
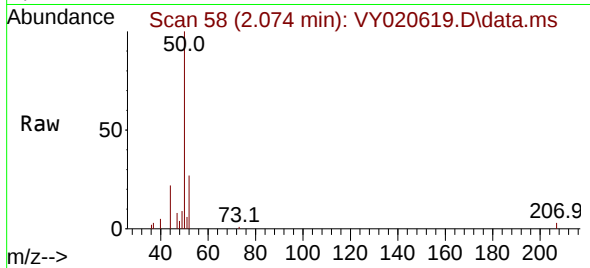




#3
Chloromethane
Concen: 5.994 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

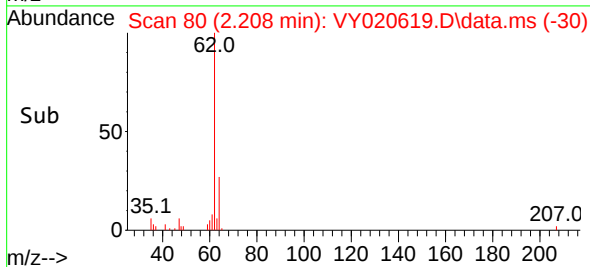
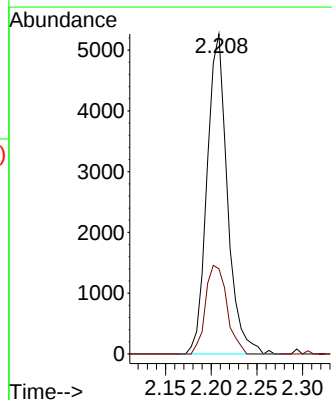
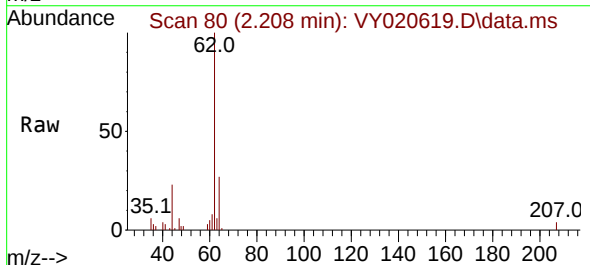
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

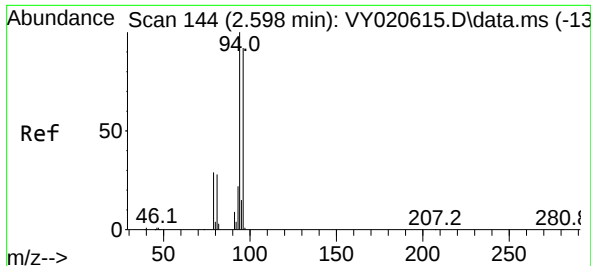
Tgt Ion: 50 Resp: 9266
Ion Ratio Lower Upper
50 100
52 27.1 26.8 40.2



#4
Vinyl Chloride
Concen: 5.657 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 62 Resp: 8140
Ion Ratio Lower Upper
62 100
64 26.6 25.3 37.9

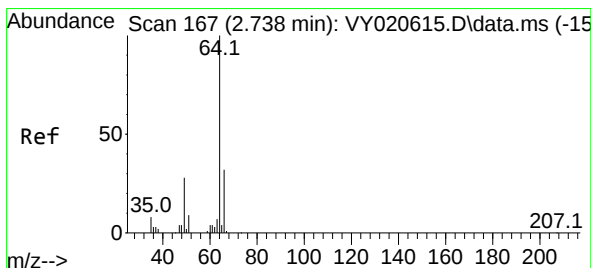
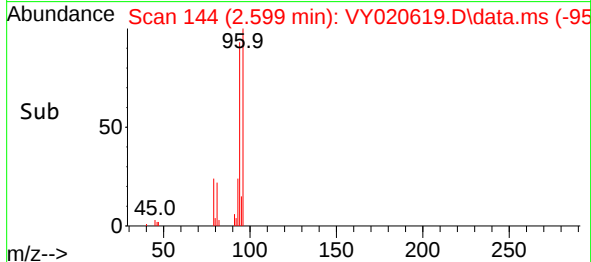
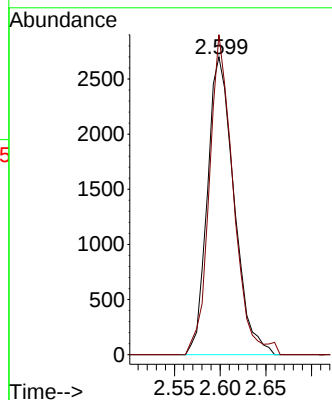
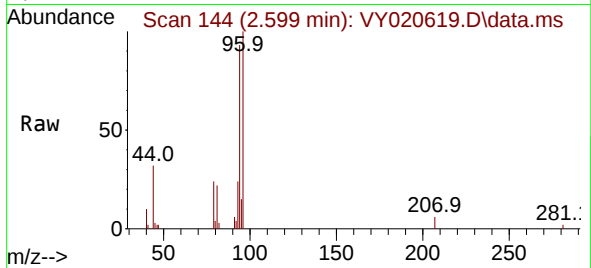




#5
Bromomethane
Concen: 5.906 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

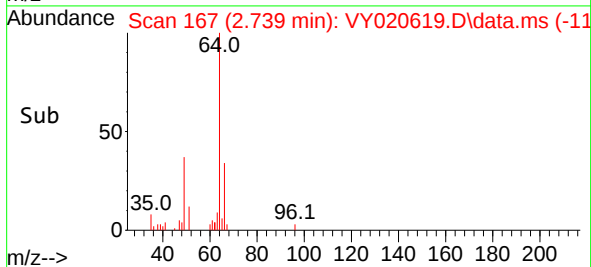
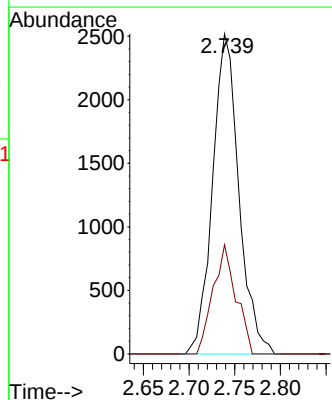
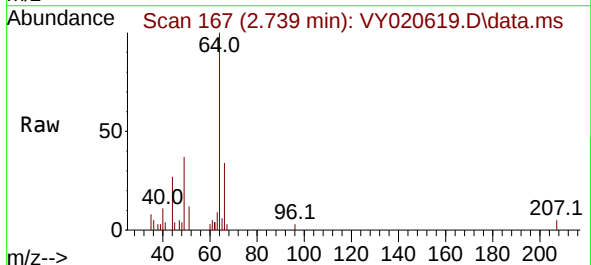
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

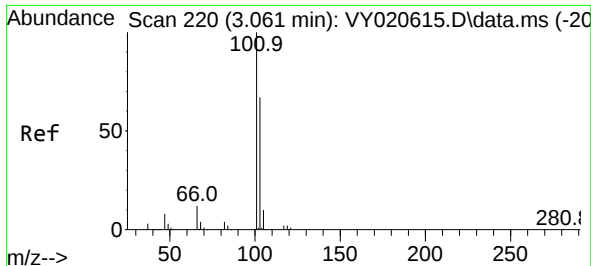
Tgt Ion: 94 Resp: 5462
Ion Ratio Lower Upper
94 100
96 107.5 73.8 110.6



#6
Chloroethane
Concen: 5.667 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 64 Resp: 5039
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.6

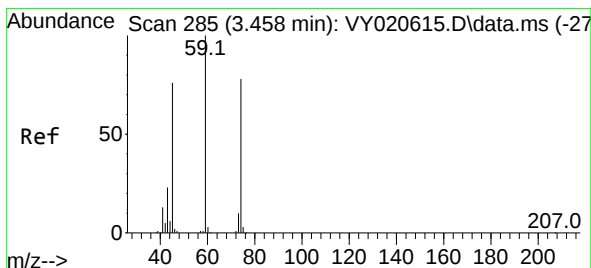
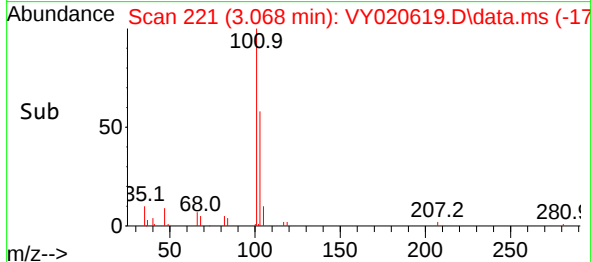
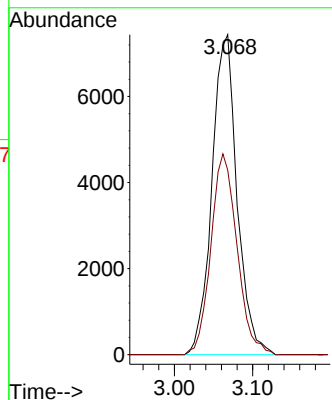
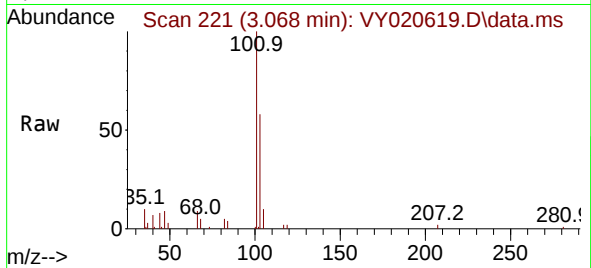




#7
 Trichlorofluoromethane
 Concen: 5.509 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020619.D
 Acq: 17 Dec 2024 14:51

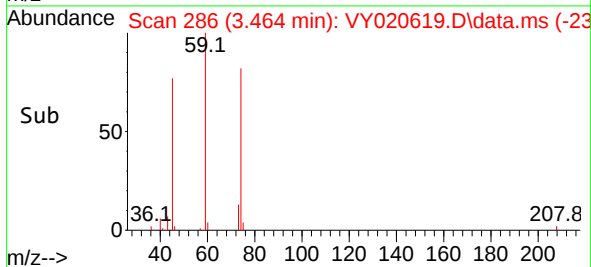
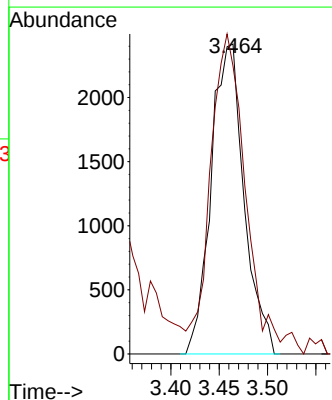
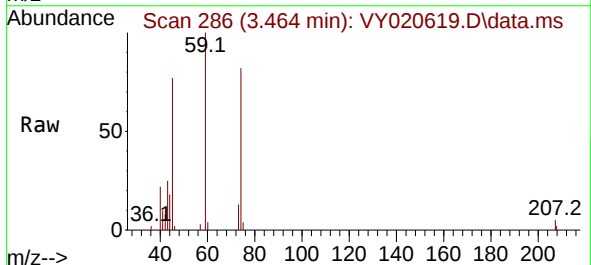
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

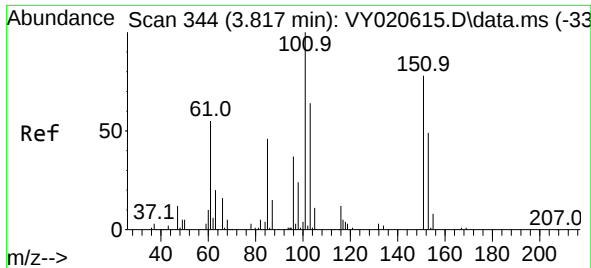
Tgt Ion:101 Resp: 16587
 Ion Ratio Lower Upper
 101 100
 103 57.7 53.4 80.0



#8
 Diethyl Ether
 Concen: 5.430 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020619.D
 Acq: 17 Dec 2024 14:51

Tgt Ion: 74 Resp: 5733
 Ion Ratio Lower Upper
 74 100
 45 100.2 49.0 147.2

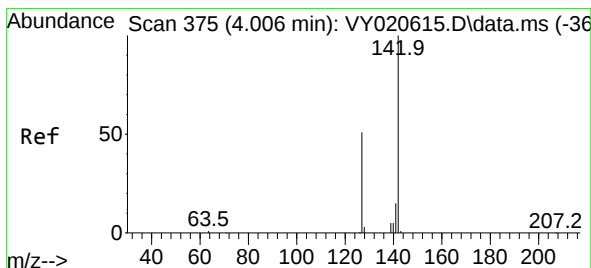
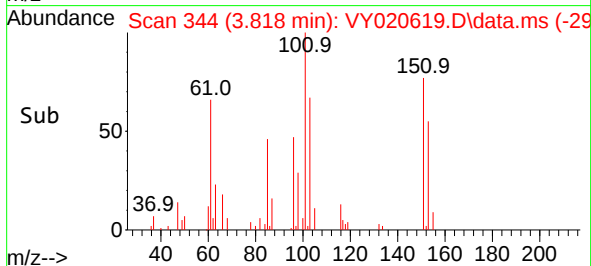
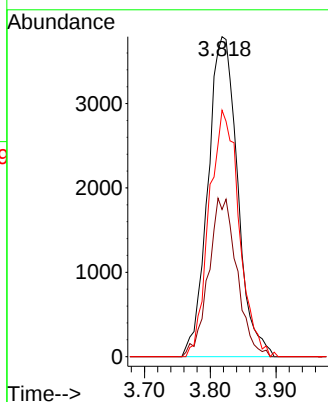
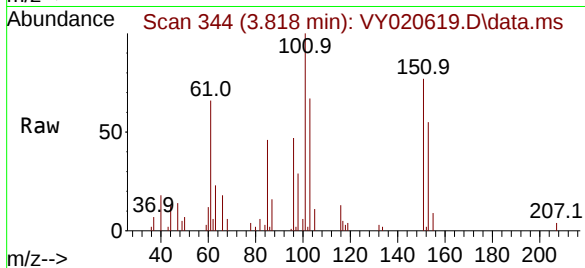




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.515 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020619.D
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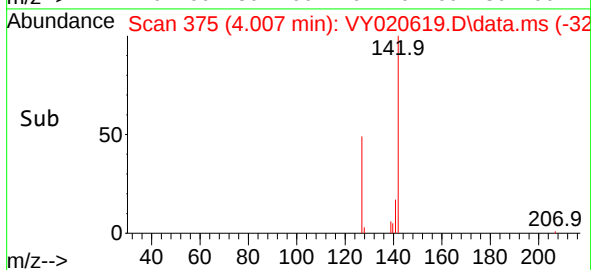
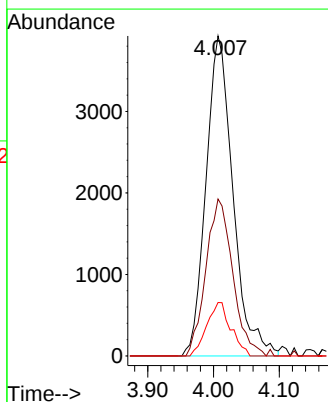
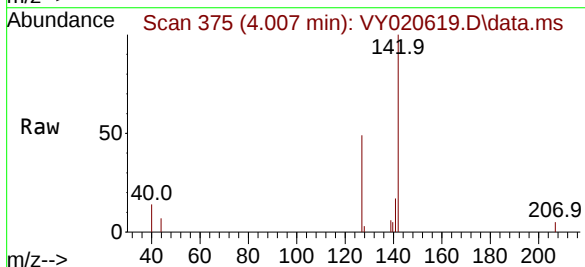
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

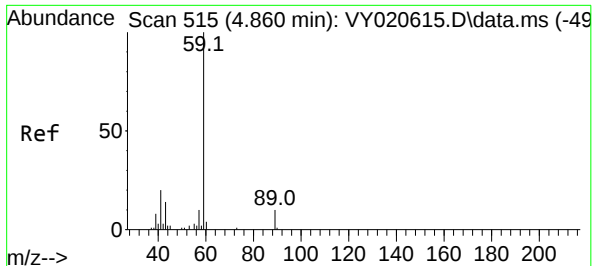
Tgt Ion:	101	Resp:	11901
Ion	Ratio	Lower	Upper
101	100		
85	47.3	36.6	54.8
151	77.7	61.5	92.3



#10
Methyl Iodide
Concen: 4.660 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion:	142	Resp:	11197
Ion	Ratio	Lower	Upper
142	100		
127	48.8	40.6	61.0
141	14.9	11.7	17.5

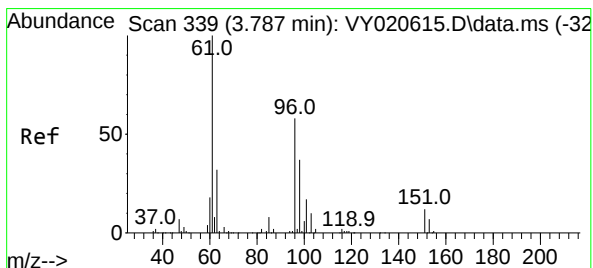
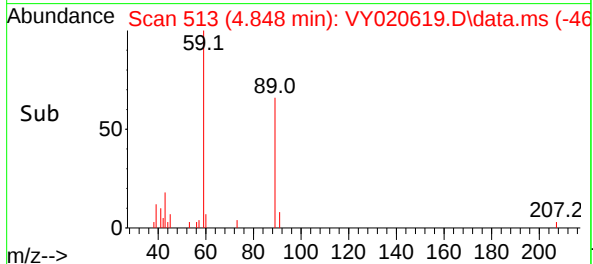
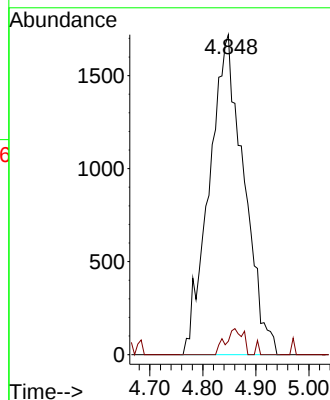
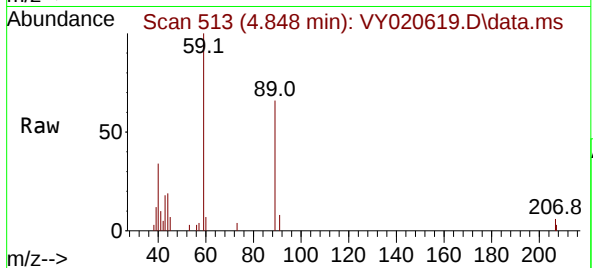




#11
Tert butyl alcohol
Concen: 12.197 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

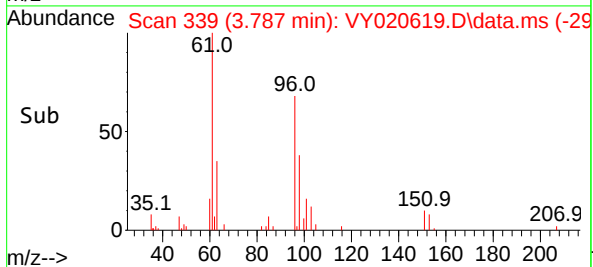
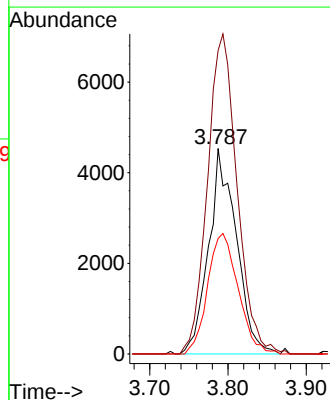
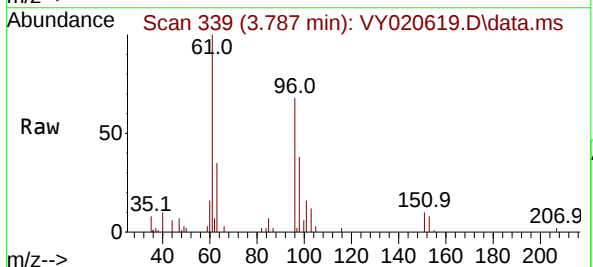
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

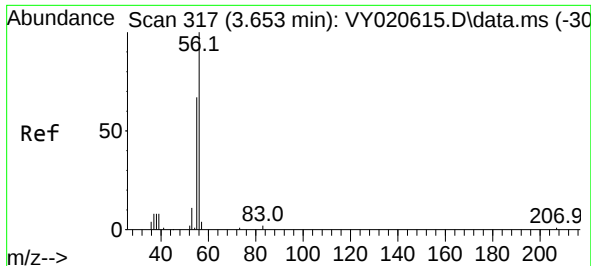
Tgt Ion: 59 Resp: 7794
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 5.324 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 96 Resp: 11147
Ion Ratio Lower Upper
96 100
61 147.8 136.9 205.3
98 56.2 50.2 75.4

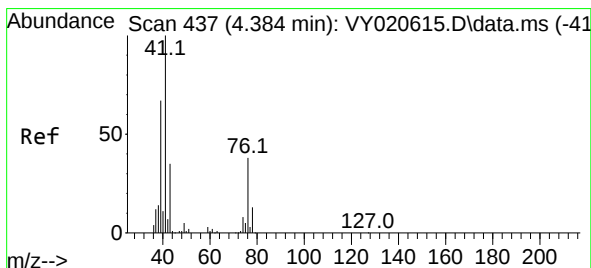
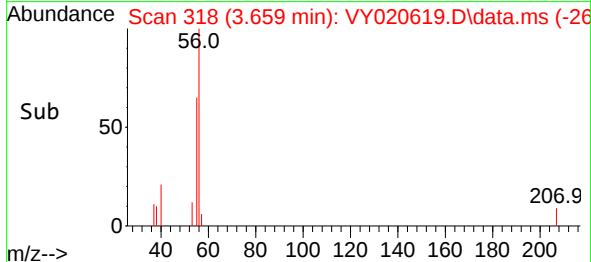
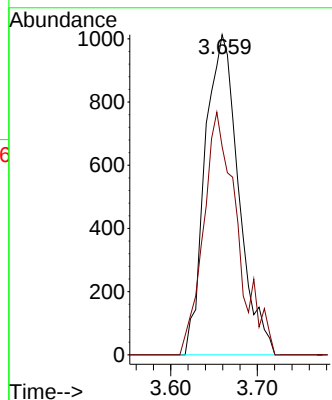
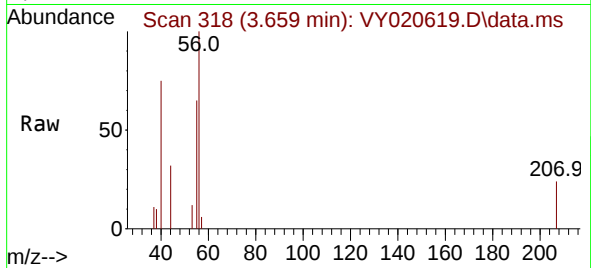




#13
Acrolein
Concen: 31.444 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

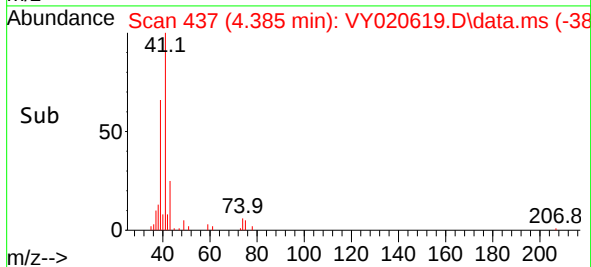
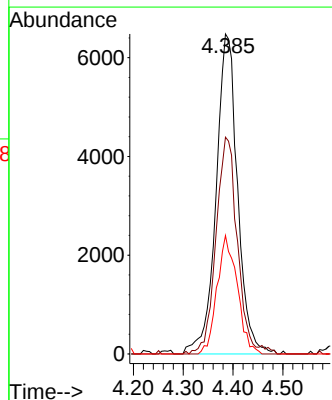
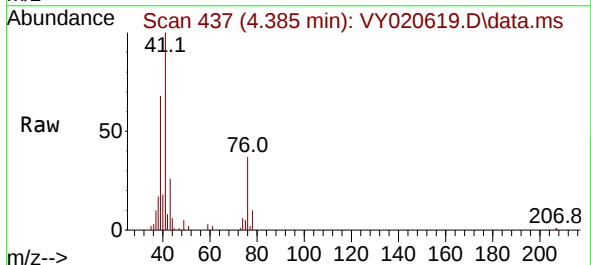
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

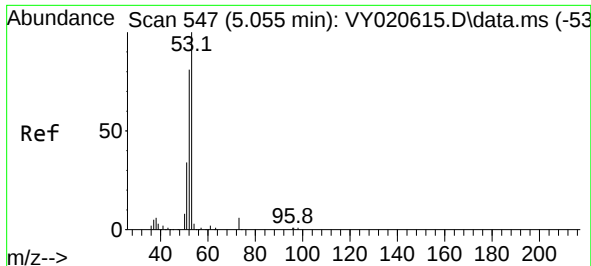
Tgt Ion: 56 Resp: 2720
Ion Ratio Lower Upper
56 100
55 69.5 57.5 86.3



#14
Allyl chloride
Concen: 5.296 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 41 Resp: 19430
Ion Ratio Lower Upper
41 100
39 67.7 53.0 79.4
76 34.7 29.5 44.3

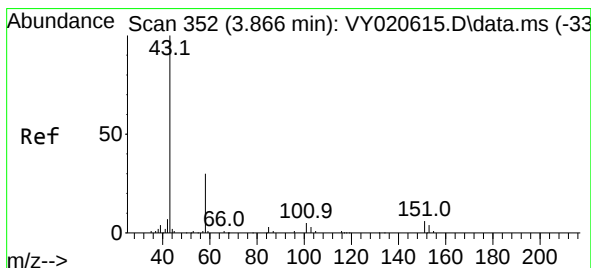
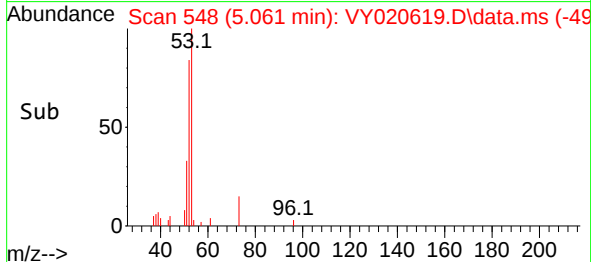
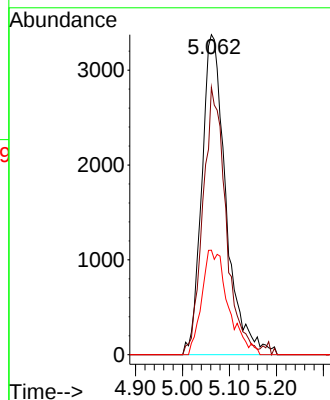
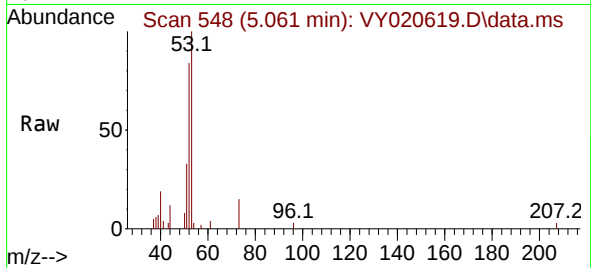




#15
Acrylonitrile
Concen: 23.869 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

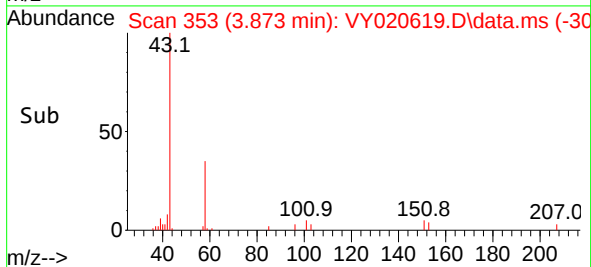
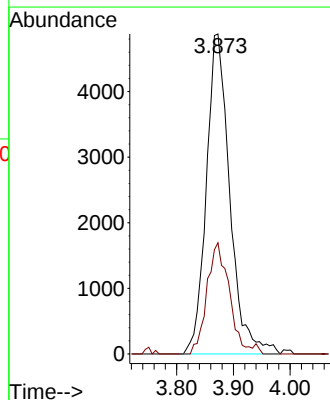
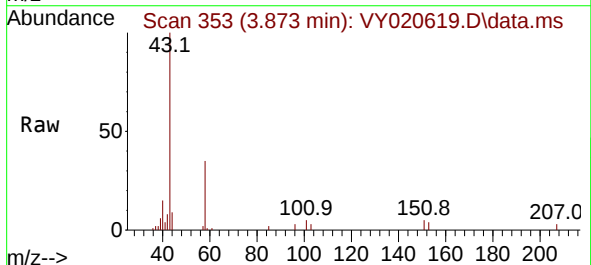
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

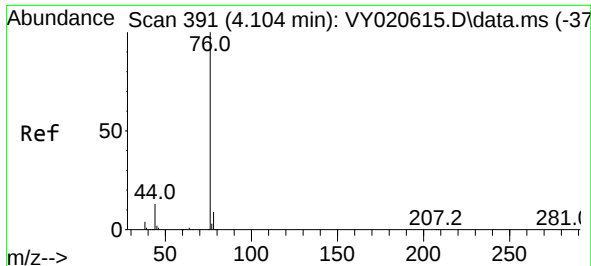
Tgt Ion: 53	Resp: 12057
Ion Ratio	Lower Upper
53	100
52	79.3 64.5 96.7
51	35.7 29.4 44.0



#16
Acetone
Concen: 33.023 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 43	Resp: 14032
Ion Ratio	Lower Upper
43	100
58	34.8 25.0 37.6

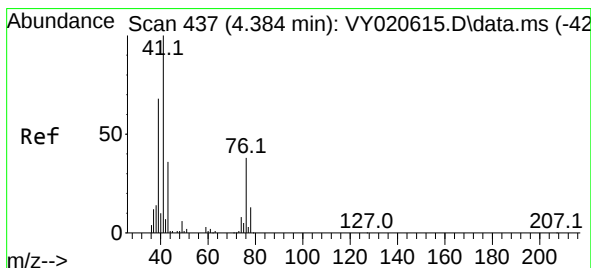
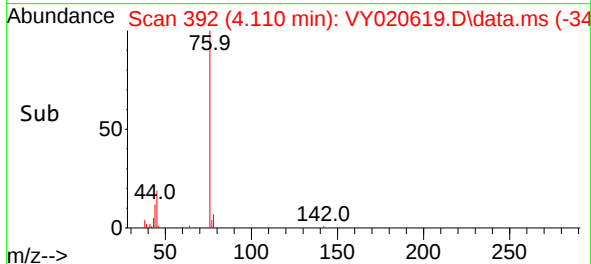
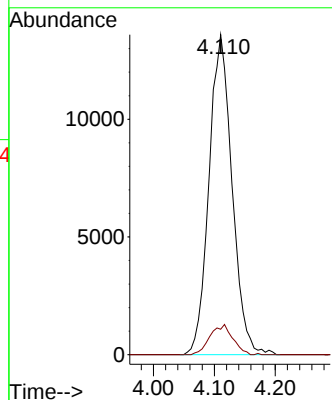
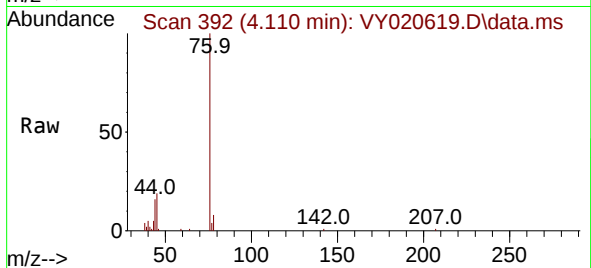




#17
Carbon Disulfide
Concen: 5.250 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

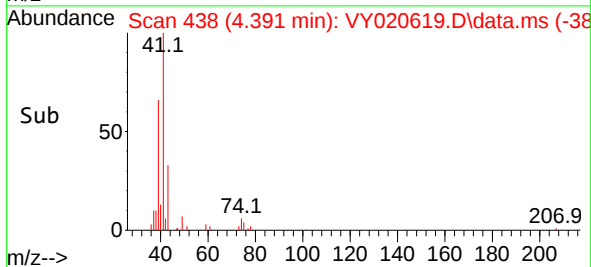
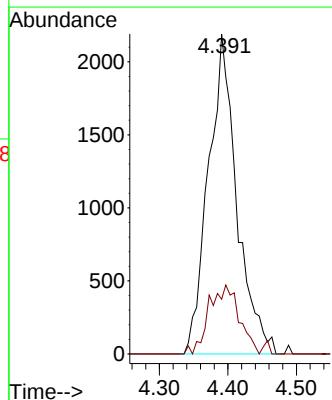
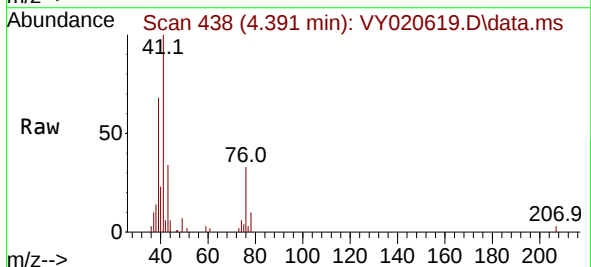
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

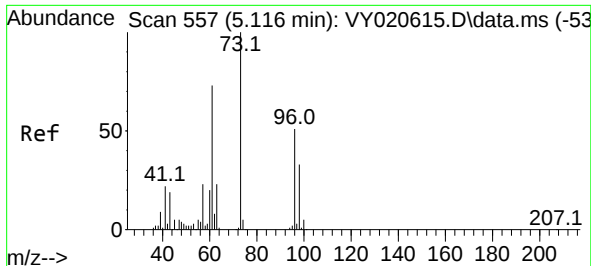
Tgt Ion: 76 Resp: 35780
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
Methyl Acetate
Concen: 5.070 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 43 Resp: 6311
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 4.768 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

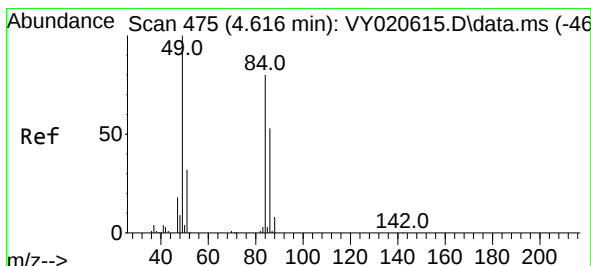
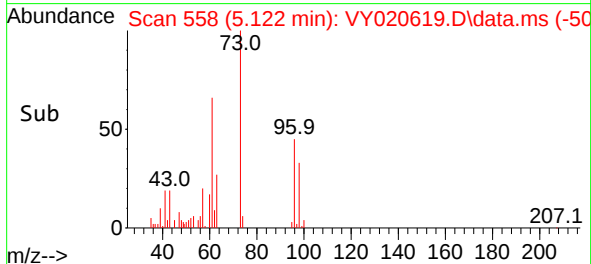
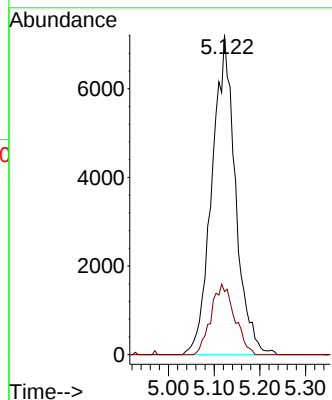
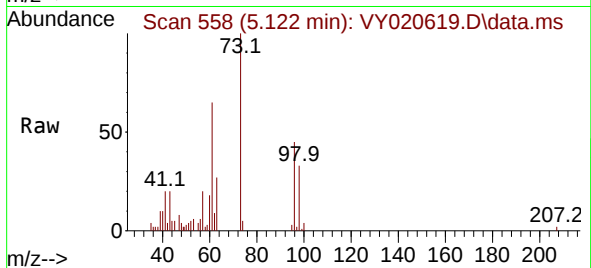
VSTDIC005

Tgt Ion: 73 Resp: 25765

Ion Ratio Lower Upper

73 100

57 19.7 18.5 27.7



#20

Methylene Chloride

Concen: 5.624 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Tgt Ion: 84 Resp: 12792

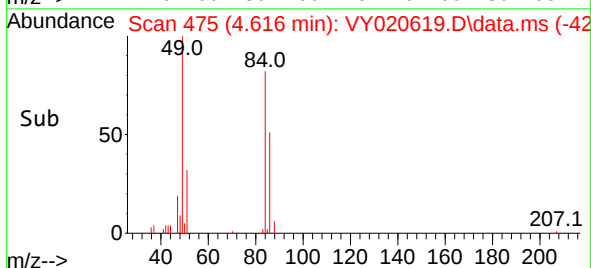
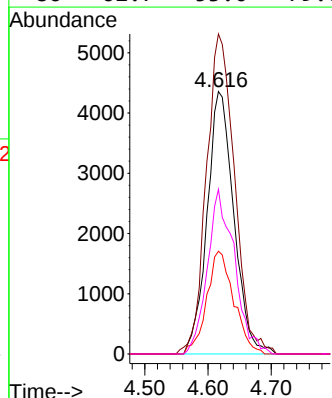
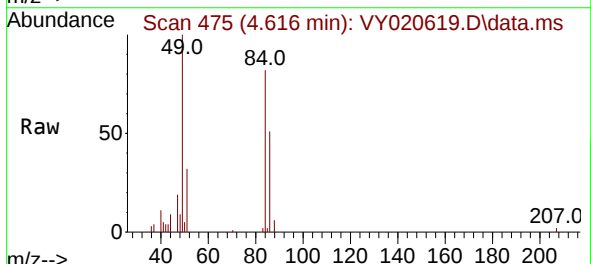
Ion Ratio Lower Upper

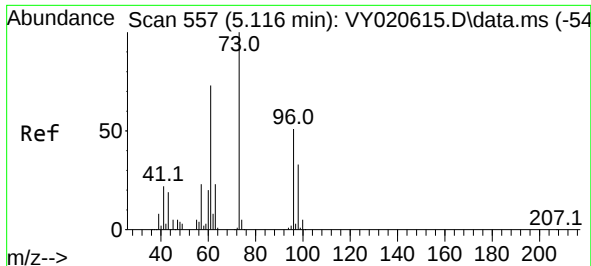
84 100

49 121.9 100.7 151.1

51 39.1 32.2 48.2

86 62.7 53.0 79.6

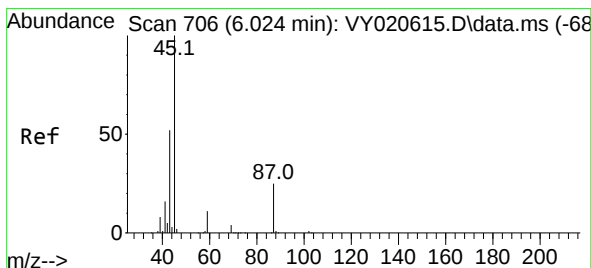
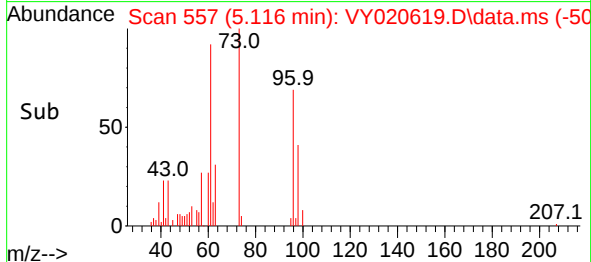
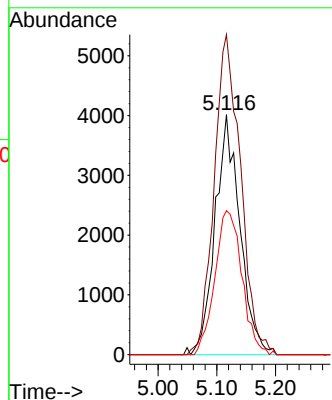
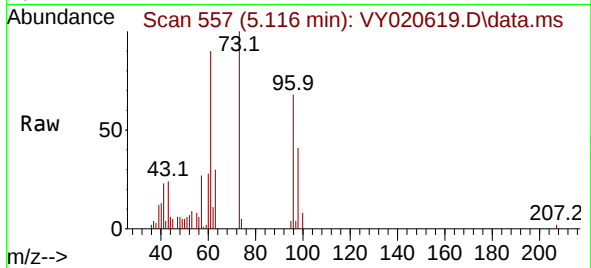




#21
trans-1,2-Dichloroethene
Concen: 5.030 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

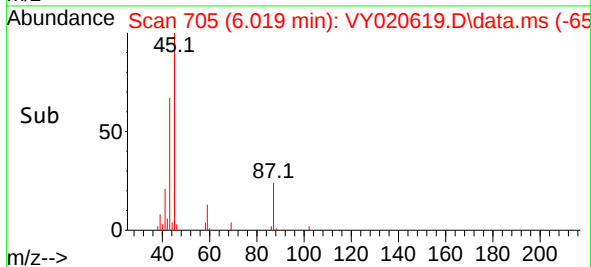
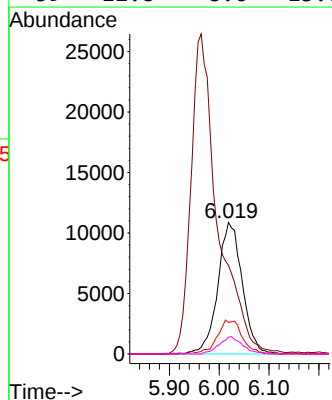
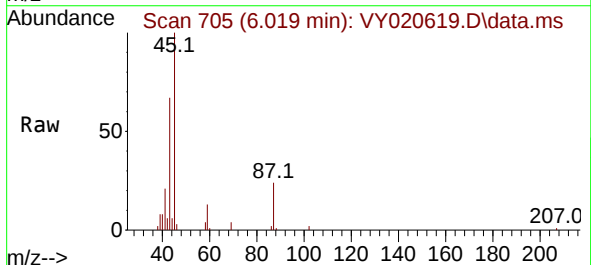
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

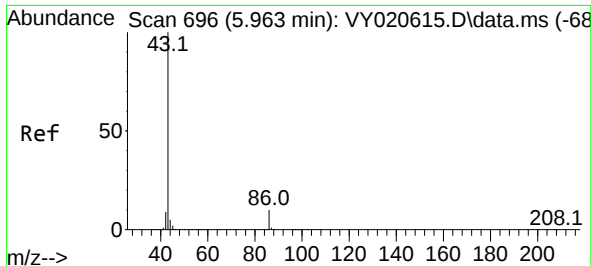
Tgt Ion: 96 Resp: 11813
Ion Ratio Lower Upper
96 100
61 133.4 113.7 170.5
98 60.0 51.7 77.5



#22
Diisopropyl ether
Concen: 4.970 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 45 Resp: 37011
Ion Ratio Lower Upper
45 100
43 65.6 42.6 64.0#
87 24.0 20.6 31.0
59 12.8 8.6 13.0

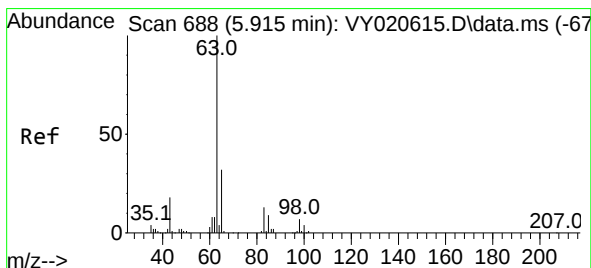
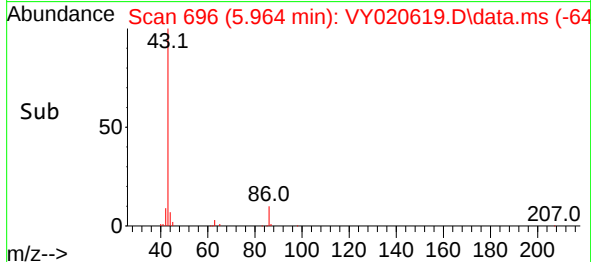
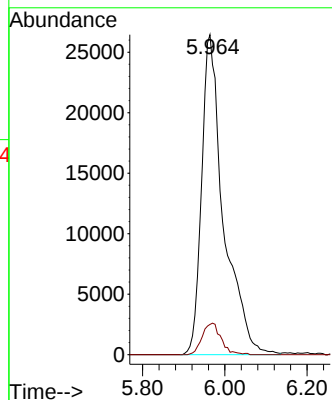
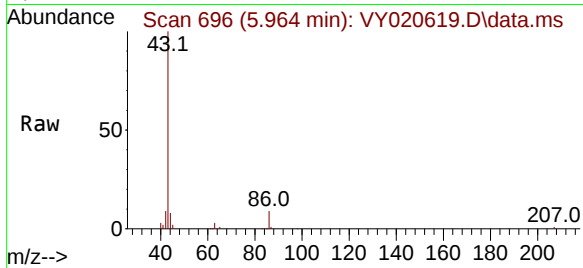




#23
 Vinyl Acetate
 Concen: 23.261 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020619.D
 Acq: 17 Dec 2024 14:51

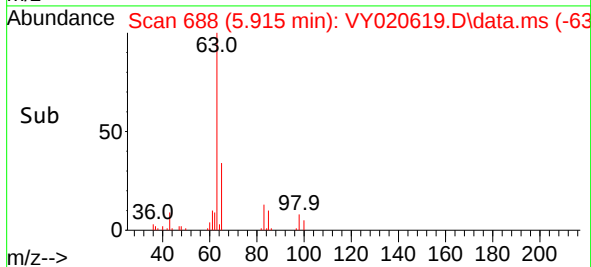
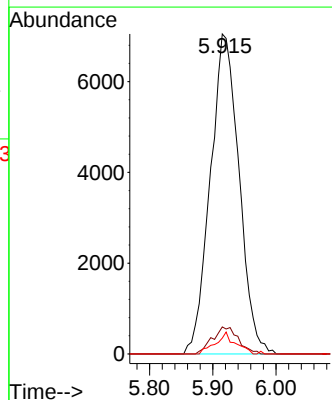
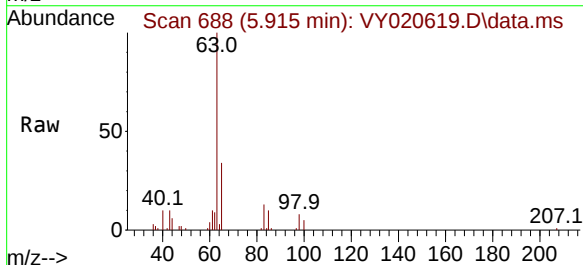
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

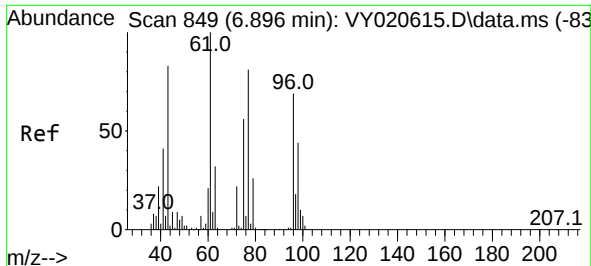
Tgt Ion: 43 Resp: 98112
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 5.102 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020619.D
 Acq: 17 Dec 2024 14:51

Tgt Ion: 63 Resp: 22261
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.4 10.1
 100 4.9 2.1 6.5

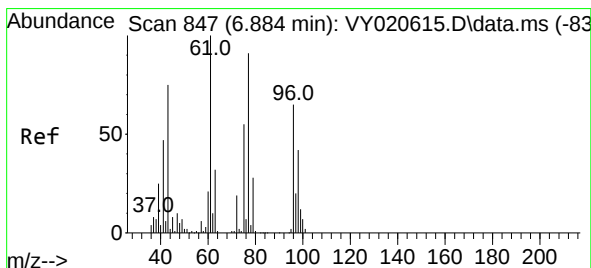
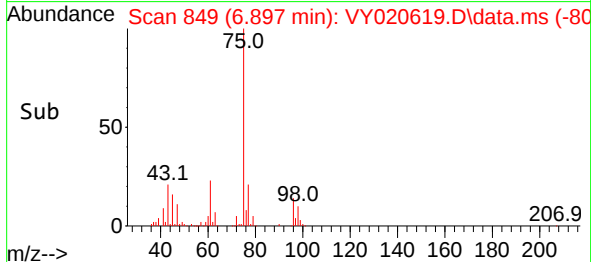
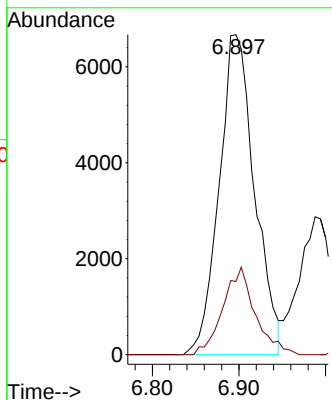
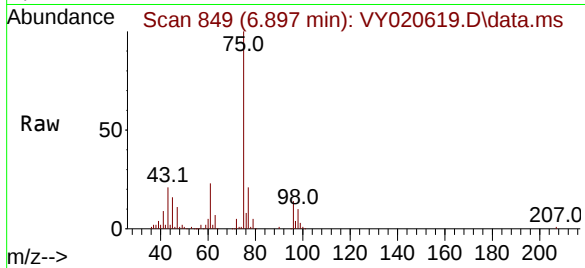




#25
2-Butanone
Concen: 27.972 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

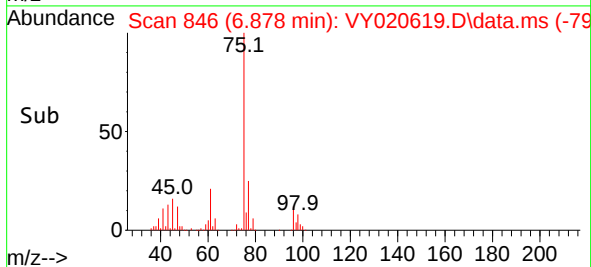
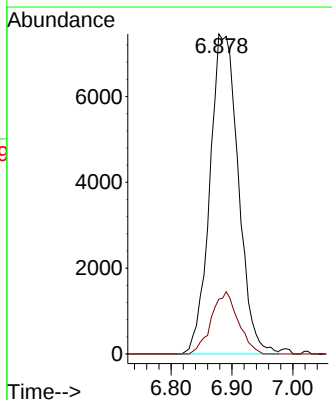
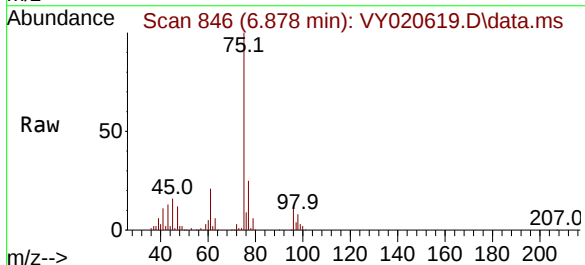
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

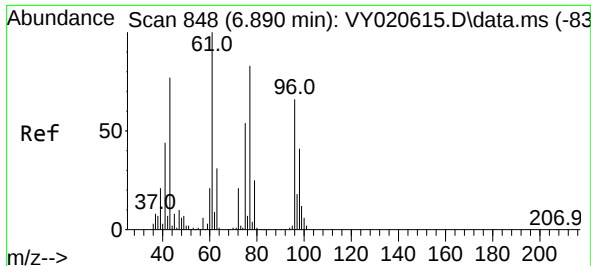
Tgt Ion: 43 Resp: 19017
Ion Ratio Lower Upper
43 100
72 22.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 5.876 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 77 Resp: 24236
Ion Ratio Lower Upper
77 100
97 18.3 10.9 32.6

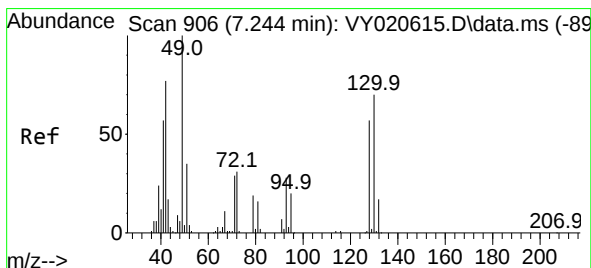
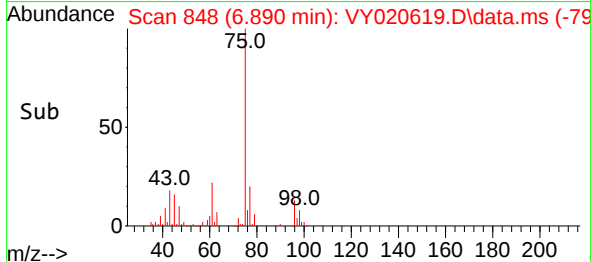
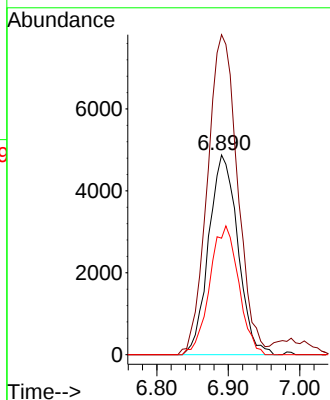
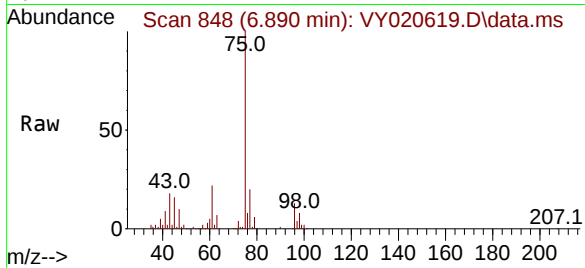




#27
 cis-1,2-Dichloroethene
 Concen: 5.109 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020619.D
 Acq: 17 Dec 2024 14:51

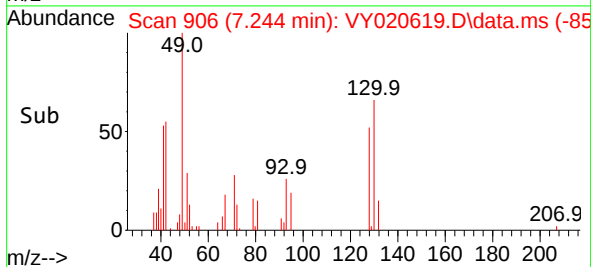
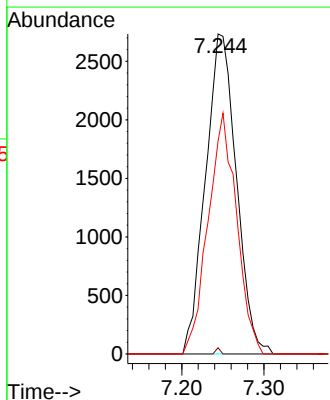
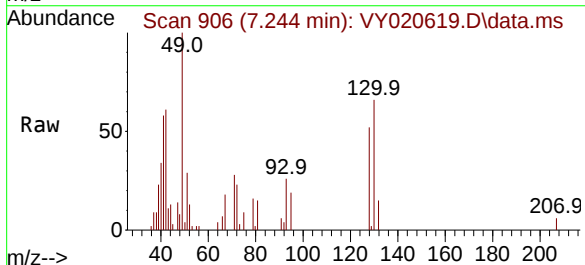
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

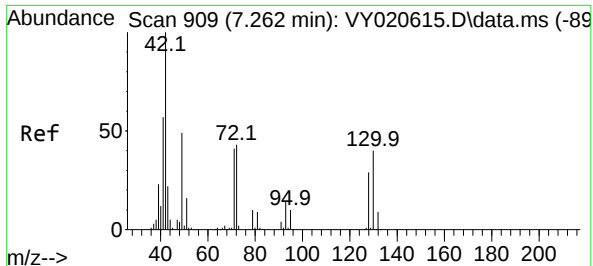
Tgt Ion: 96 Resp: 13806
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 306.2
 98 64.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 4.844 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020619.D
 Acq: 17 Dec 2024 14:51

Tgt Ion: 49 Resp: 7129
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.8
 130 69.5 58.3 87.5





#29

Tetrahydrofuran

Concen: 22.669 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

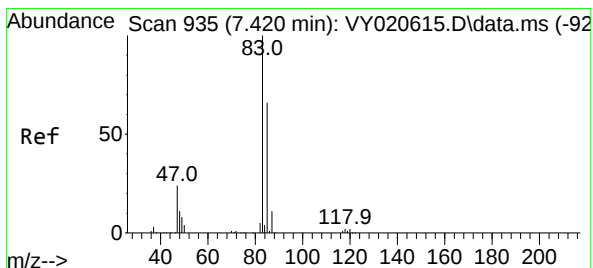
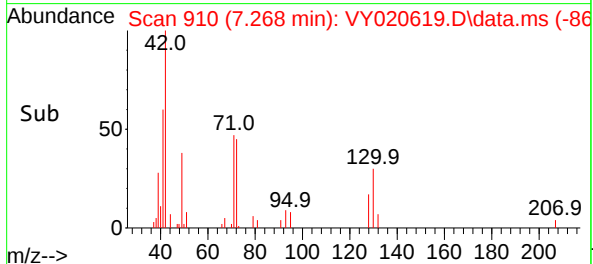
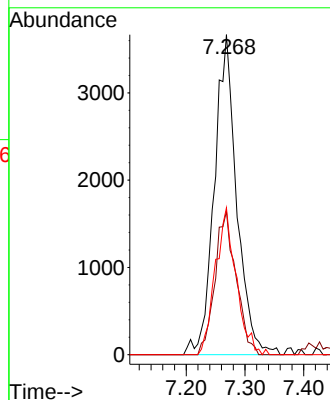
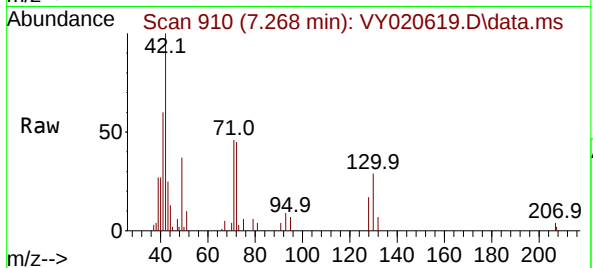
Tgt Ion: 42 Resp: 9729

Ion Ratio Lower Upper

42 100

72 42.1 34.0 51.0

71 42.8 31.6 47.4



#30

Chloroform

Concen: 2.901 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020619.D

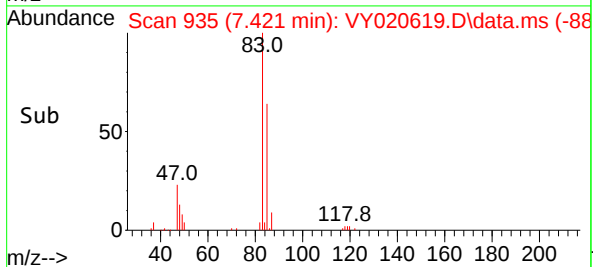
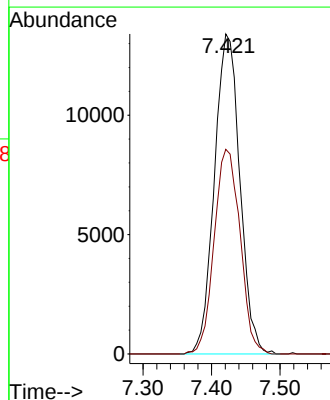
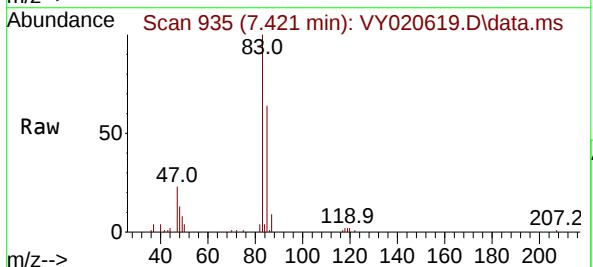
Acq: 17 Dec 2024 14:51

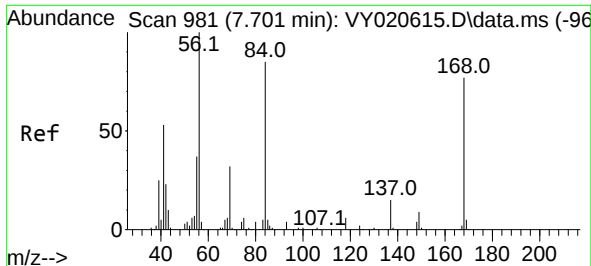
Tgt Ion: 83 Resp: 34563

Ion Ratio Lower Upper

83 100

85 63.9 52.7 79.1

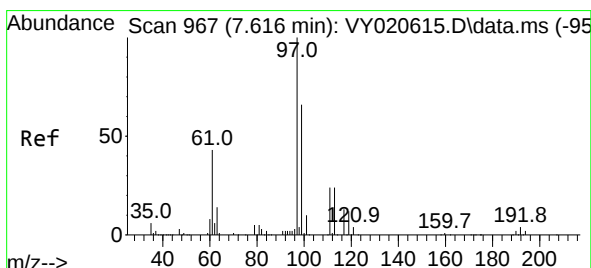
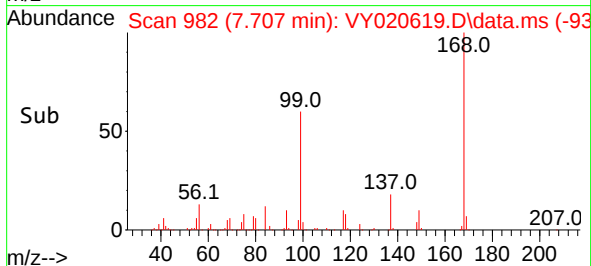
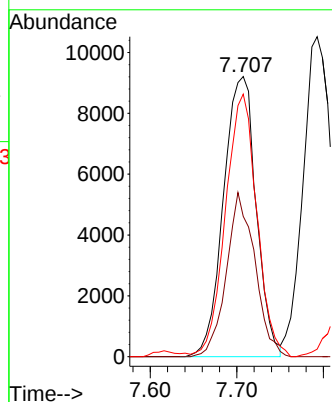
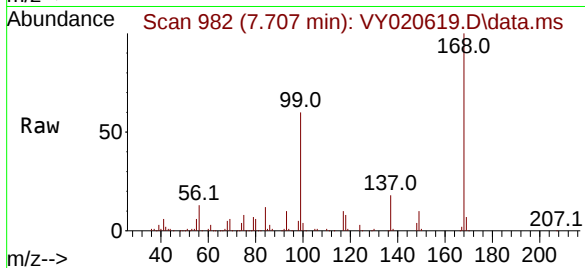




#31
Cyclohexane
Concen: 5.779 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

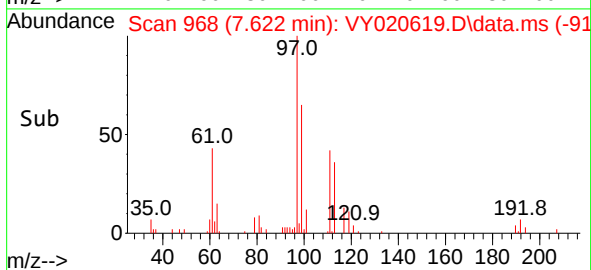
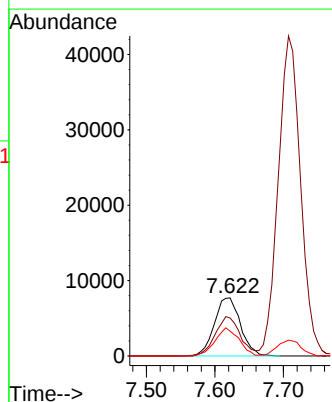
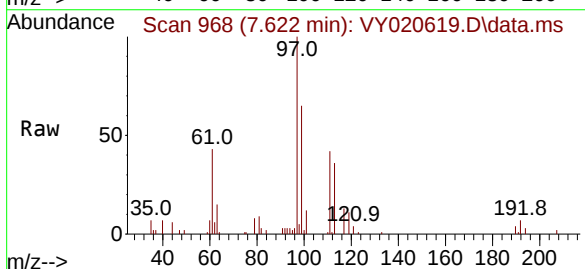
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

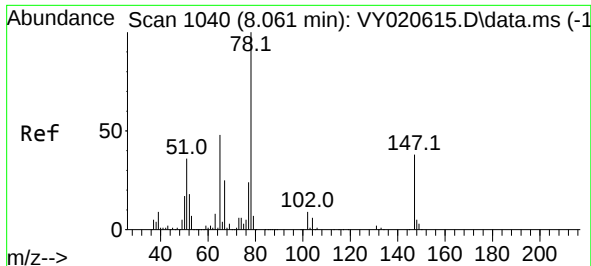
Tgt Ion: 56 Resp: 24108
Ion Ratio Lower Upper
56 100
69 50.1 25.4 38.0#
84 92.6 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 5.082 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 97 Resp: 20368
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 44.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.810 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

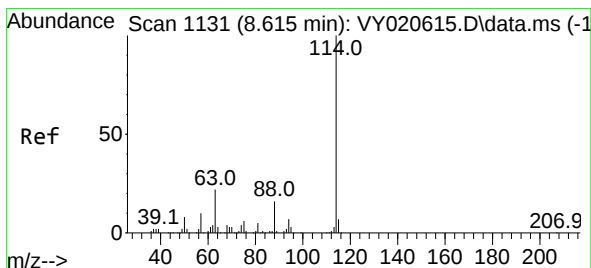
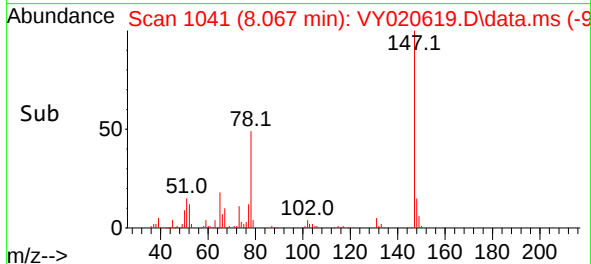
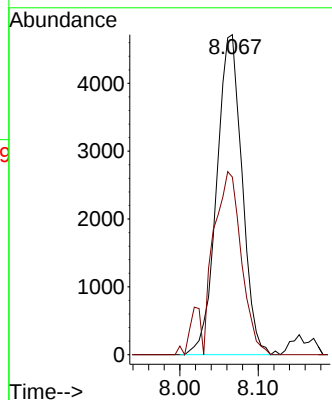
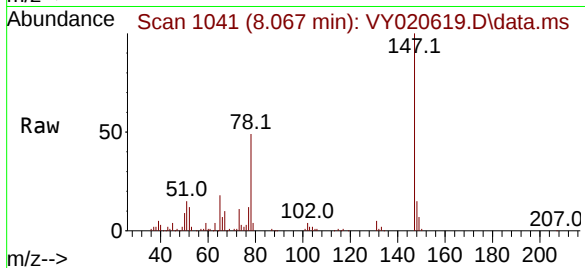
VSTDICC005

Tgt Ion: 65 Resp: 10628

Ion Ratio Lower Upper

65 100

67 68.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

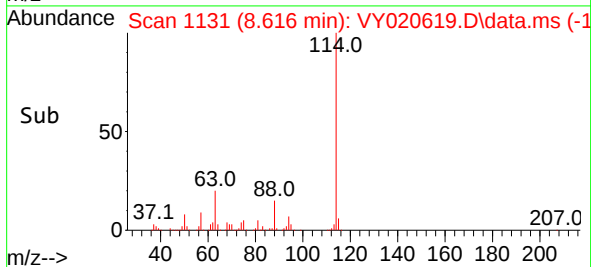
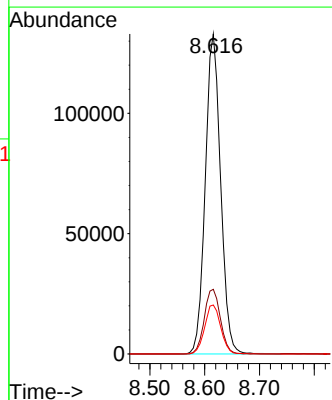
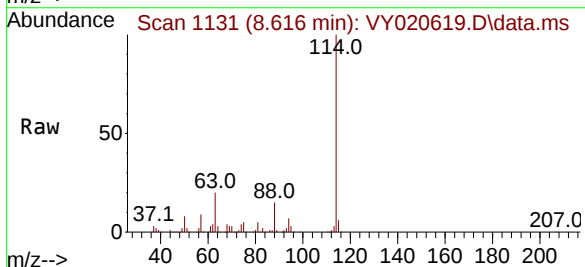
Tgt Ion: 114 Resp: 257526

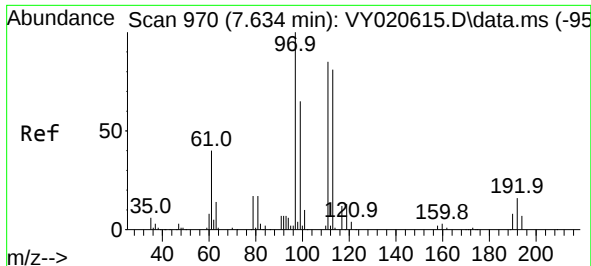
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.0

88 15.3 0.0 32.8

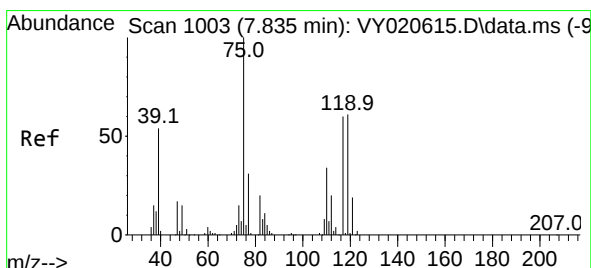
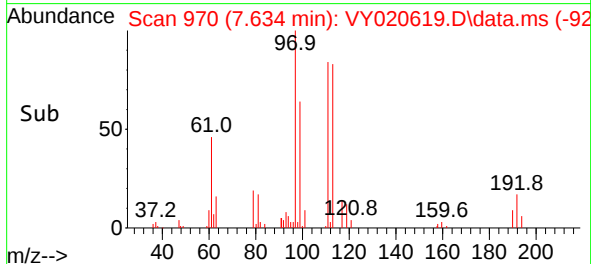
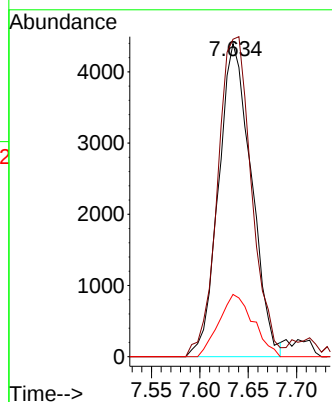
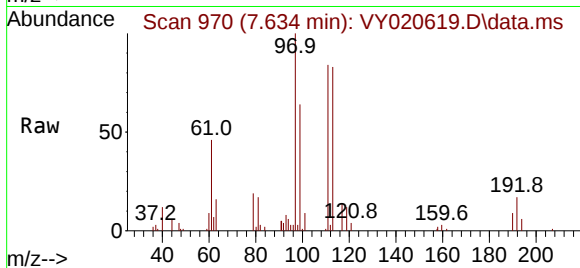




#35
Dibromofluoromethane
Concen: 5.726 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

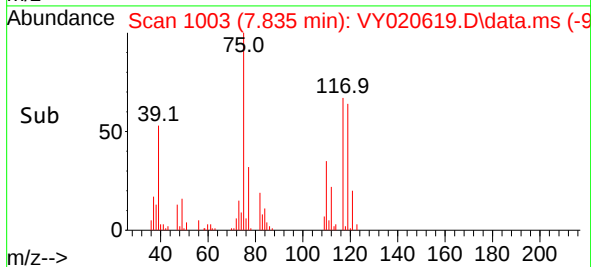
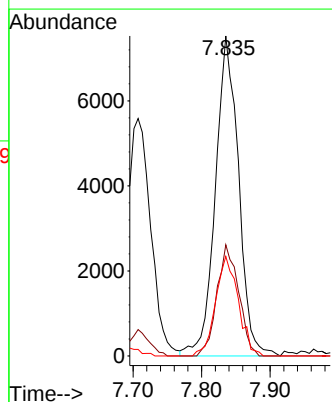
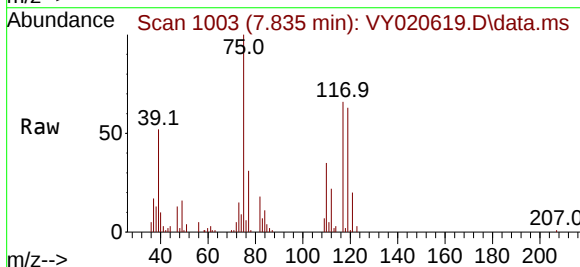
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

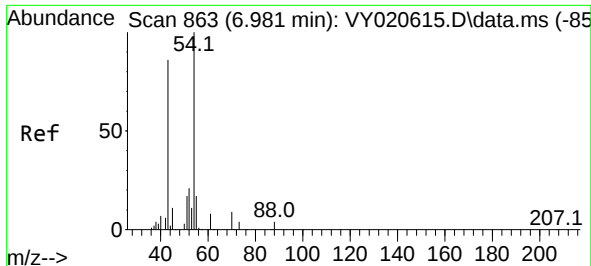
Tgt Ion:113 Resp: 10393
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 20.7 15.7 23.5



#36
1,1-Dichloropropene
Concen: 5.352 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 75 Resp: 17712
Ion Ratio Lower Upper
75 100
110 32.5 16.8 50.4
77 30.3 25.0 37.6





#37

Ethyl Acetate

Concen: 4.890 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

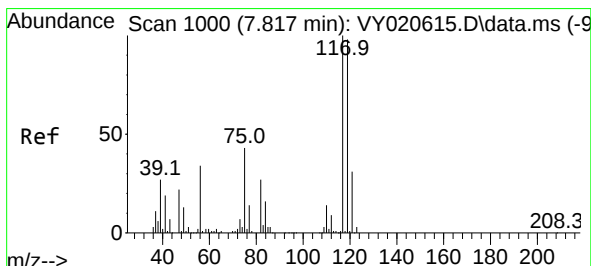
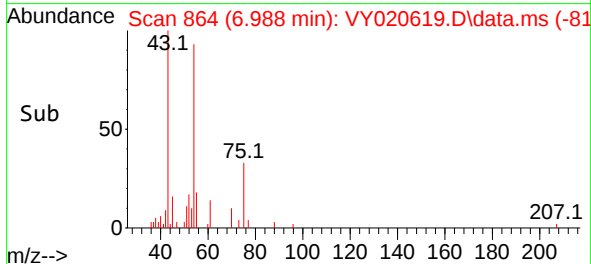
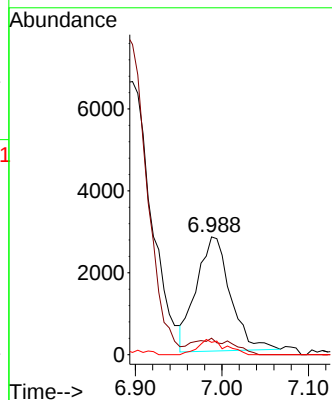
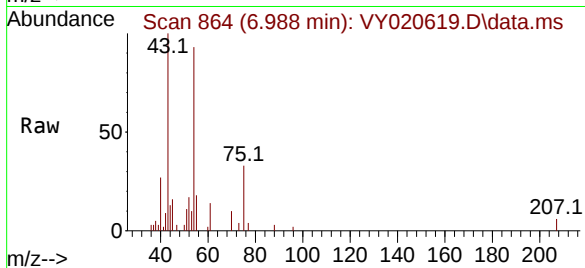
Tgt Ion: 43 Resp: 7613

Ion Ratio Lower Upper

43 100

61 16.0 11.0 16.4

70 10.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 5.132 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

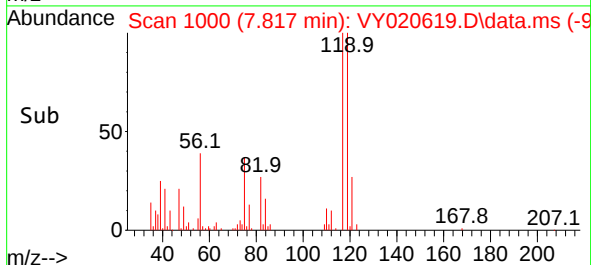
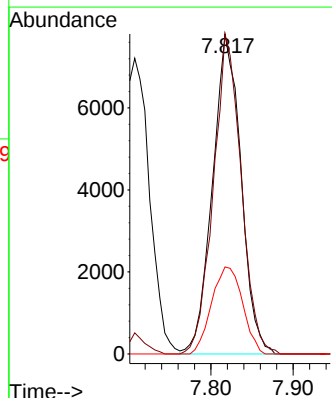
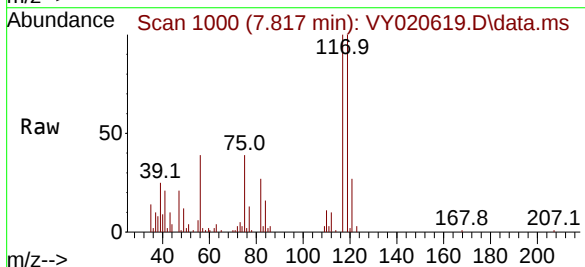
Tgt Ion: 117 Resp: 18792

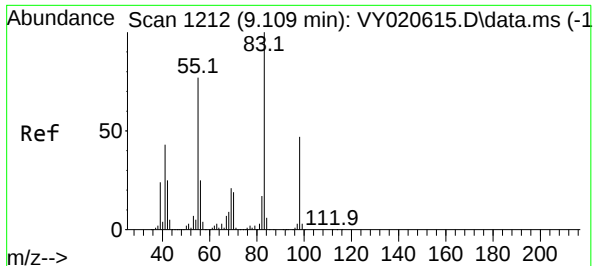
Ion Ratio Lower Upper

117 100

119 100.1 78.3 117.5

121 27.2 25.1 37.7





#39

Methylcyclohexane

Concen: 5.273 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

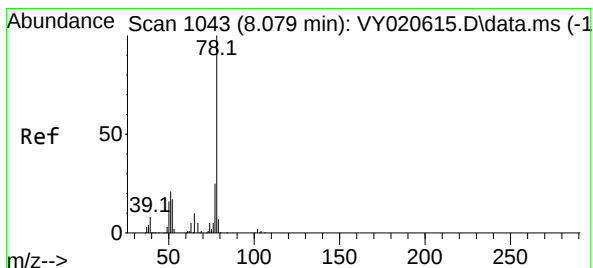
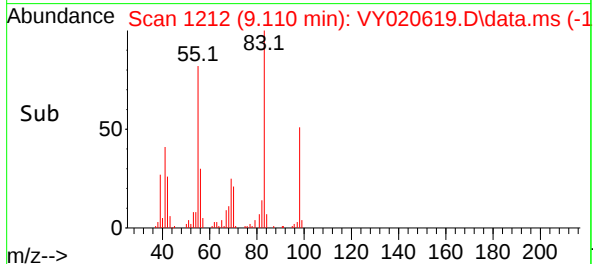
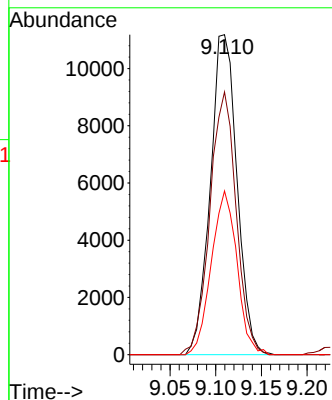
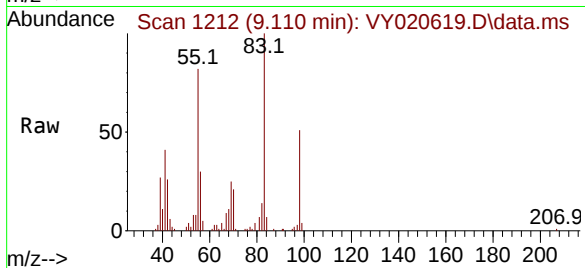
Tgt Ion: 83 Resp: 22745

Ion Ratio Lower Upper

83 100

55 82.1 61.4 92.0

98 51.2 37.3 55.9



#40

Benzene

Concen: 5.117 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020619.D

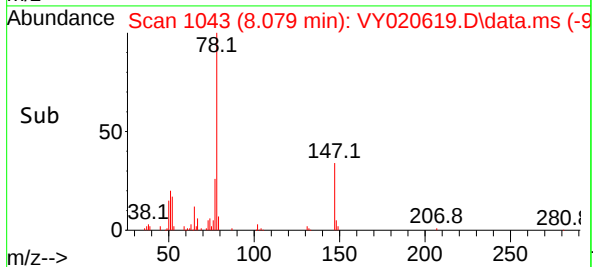
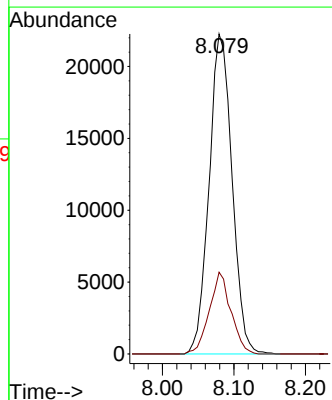
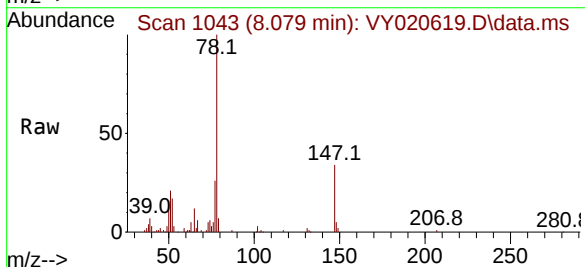
Acq: 17 Dec 2024 14:51

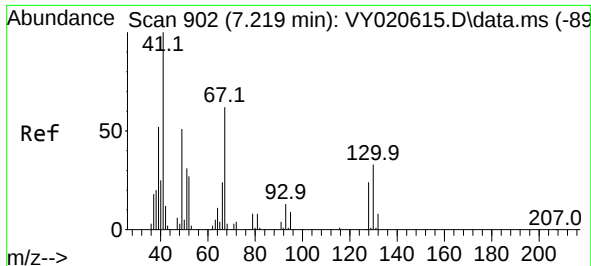
Tgt Ion: 78 Resp: 49636

Ion Ratio Lower Upper

78 100

77 25.6 20.1 30.1

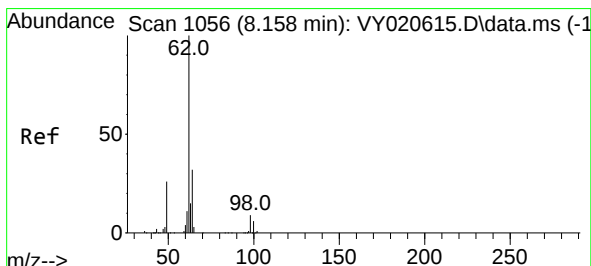
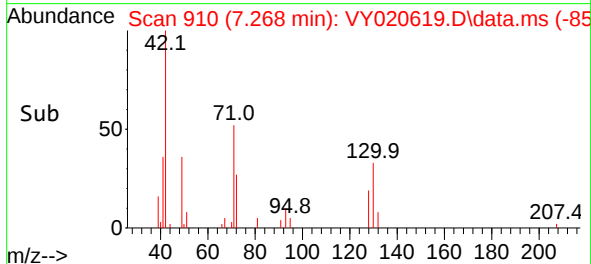
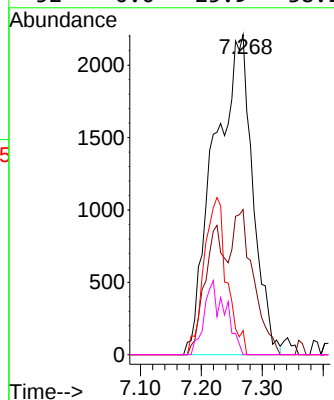
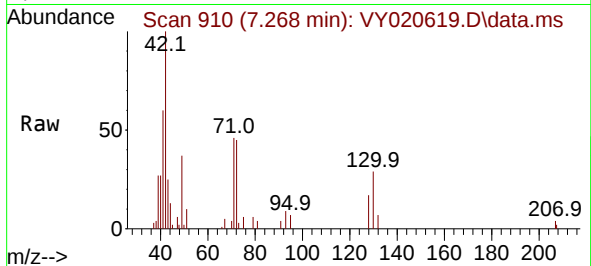




#41
Methacrylonitrile
Concen: 11.773 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

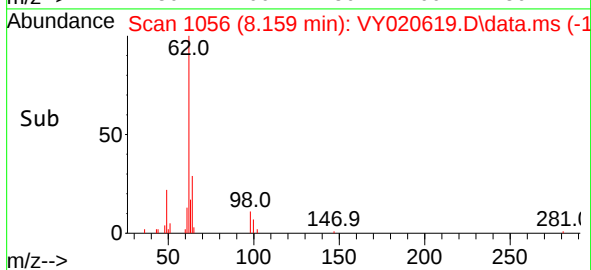
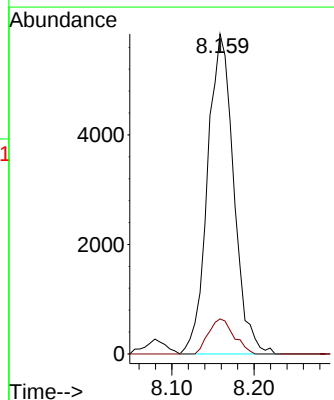
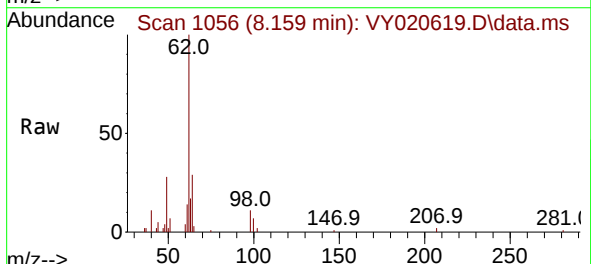
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

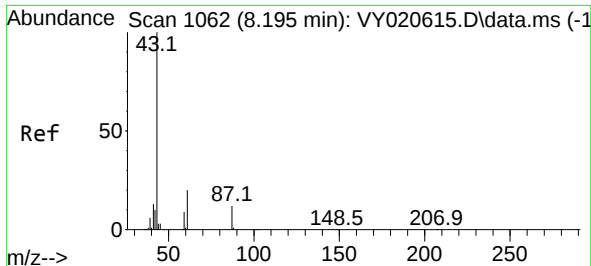
Tgt Ion: 41 Resp: 9689
Ion Ratio Lower Upper
41 100
39 25.1 53.6 80.4#
67 0.0 62.0 93.0#
52 0.0 25.9 38.9#



#42
1,2-Dichloroethane
Concen: 5.020 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 62 Resp: 12917
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.0

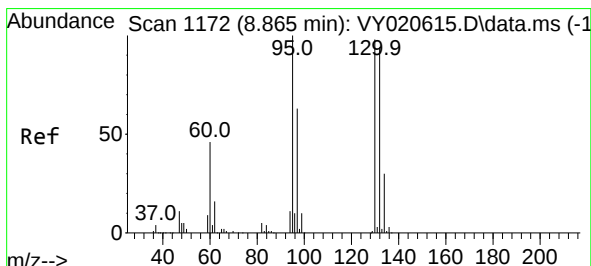
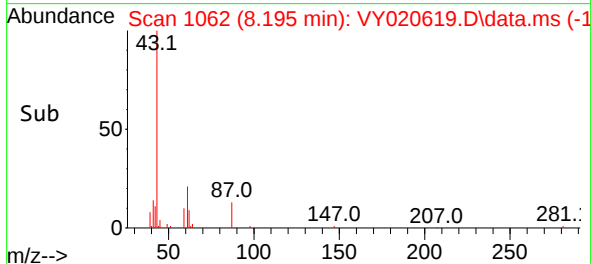
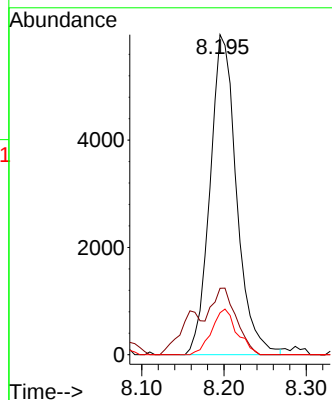
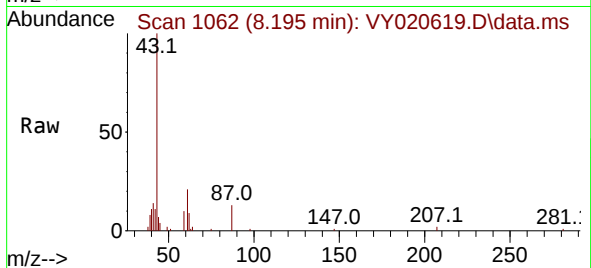




#43
Isopropyl Acetate
Concen: 4.533 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

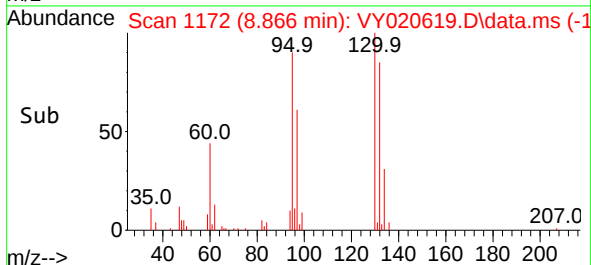
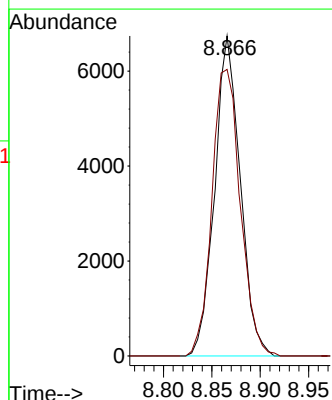
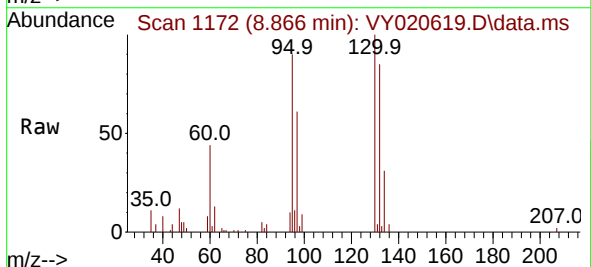
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

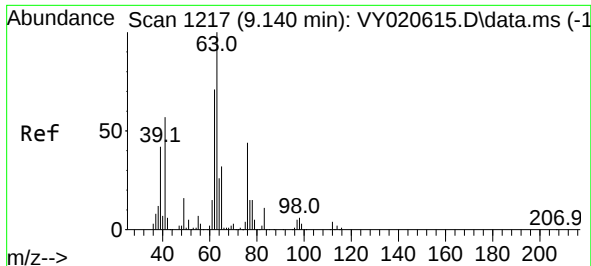
Tgt Ion: 43 Resp: 13361
Ion Ratio Lower Upper
43 100
61 19.4 23.8 35.6#
87 13.6 10.2 15.4



#44
Trichloroethene
Concen: 5.195 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion:130 Resp: 12384
Ion Ratio Lower Upper
130 100
95 89.5 0.0 203.2





#45

1,2-Dichloropropane

Concen: 5.019 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

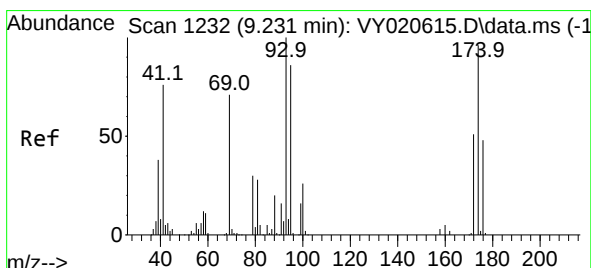
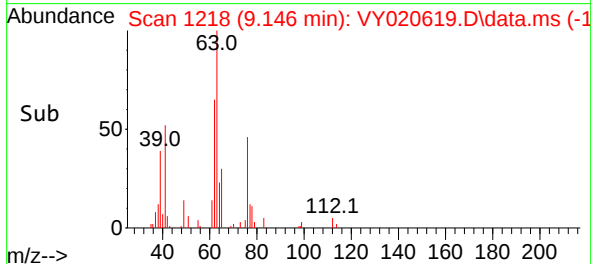
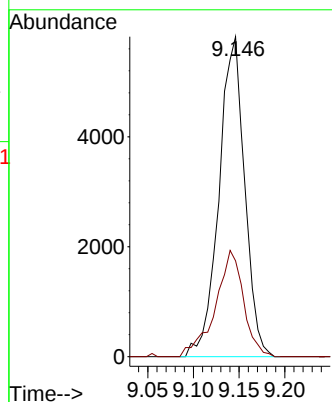
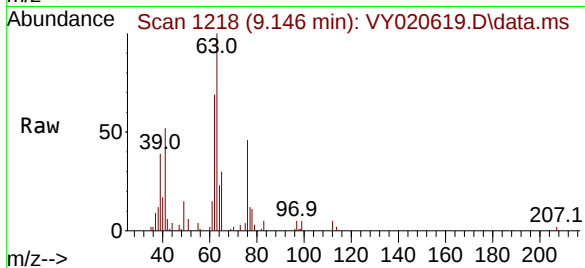
VSTDICC005

Tgt Ion: 63 Resp: 11378

Ion Ratio Lower Upper

63 100

65 30.0 25.9 38.9



#46

Dibromomethane

Concen: 4.978 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

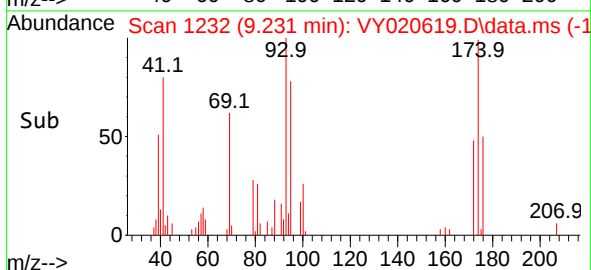
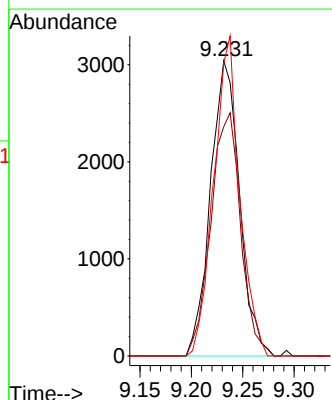
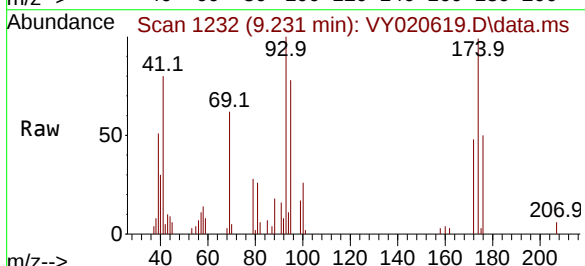
Tgt Ion: 93 Resp: 5965

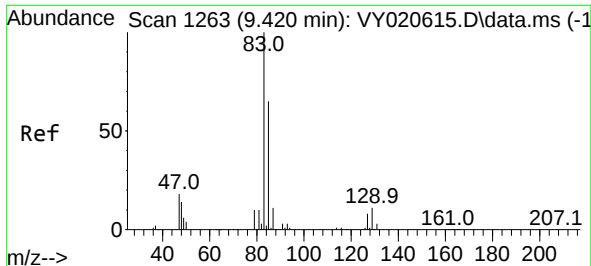
Ion Ratio Lower Upper

93 100

95 84.5 66.7 100.1

174 97.0 77.8 116.6

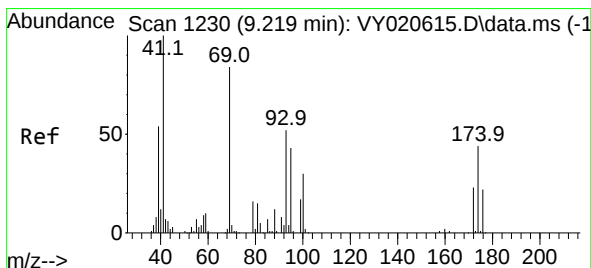
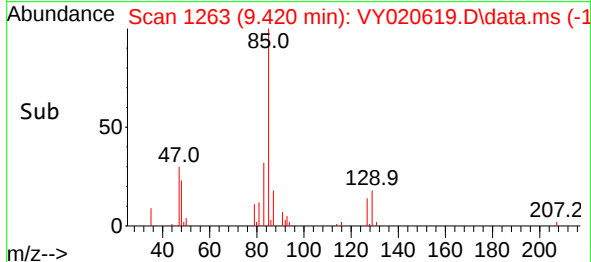
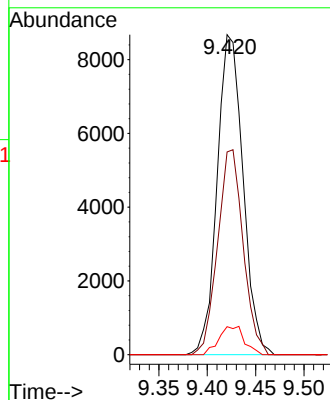
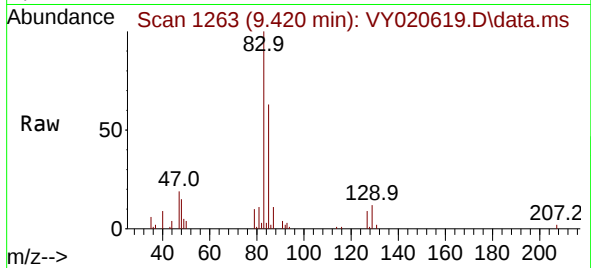




#47
Bromodichloromethane
Concen: 4.979 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

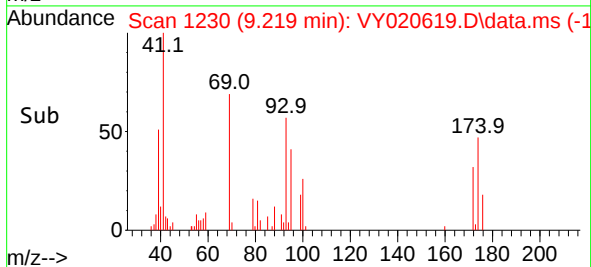
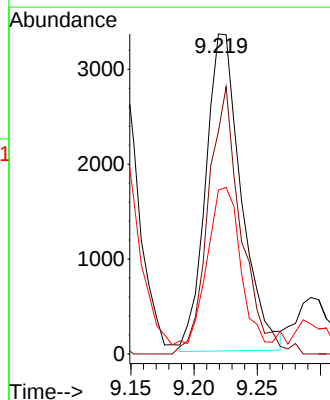
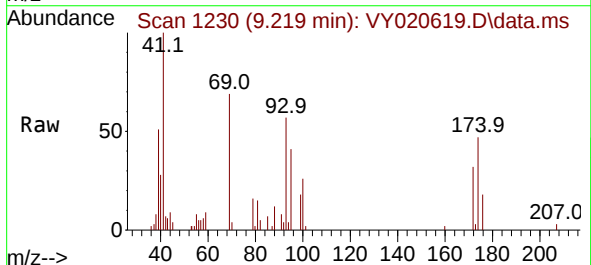
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

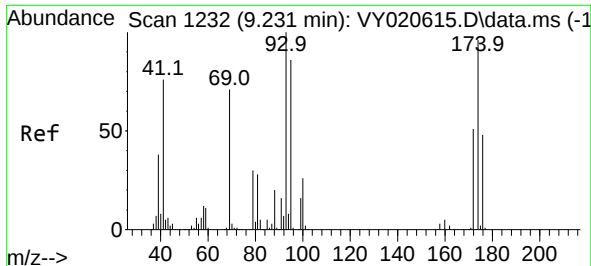
Tgt Ion: 83	Resp: 16115
Ion Ratio	Lower Upper
83 100	
85 63.3	52.1 78.1
127 8.7	6.7 10.1



#48
Methyl methacrylate
Concen: 4.671 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 41	Resp: 6545
Ion Ratio	Lower Upper
41 100	
69 77.6	67.2 100.8
39 47.3	42.2 63.4





#49

1,4-Dioxane

Concen: 92.278 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

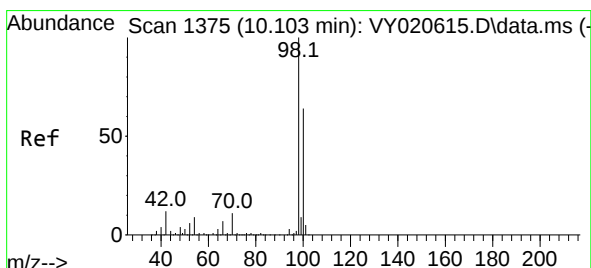
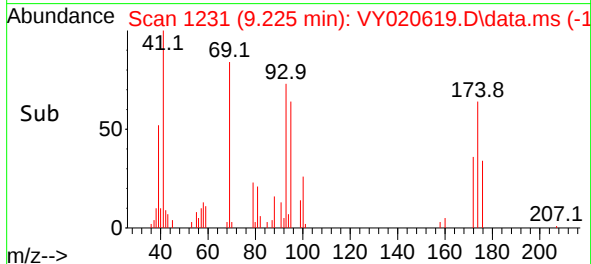
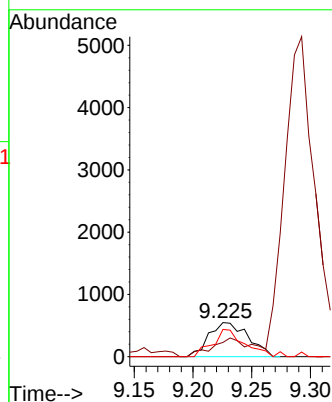
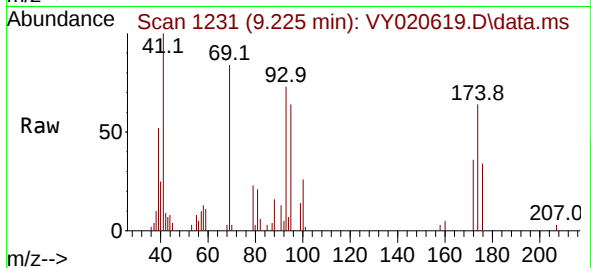
Tgt Ion: 88 Resp: 1268

Ion Ratio Lower Upper

88 100

43 51.4 27.6 41.4#

58 66.2 61.7 92.5



#50

Toluene-d8

Concen: 5.858 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020619.D

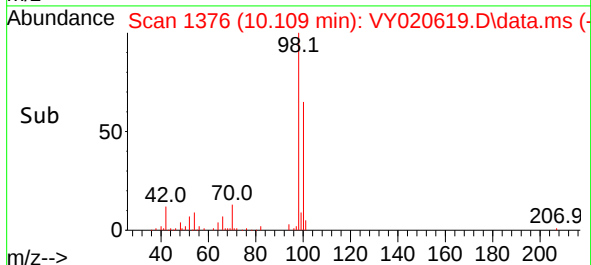
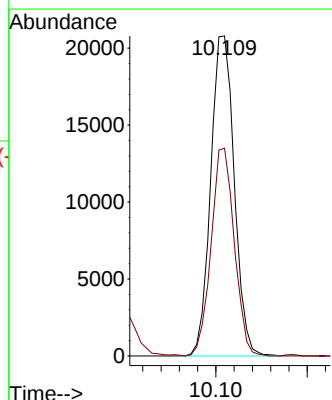
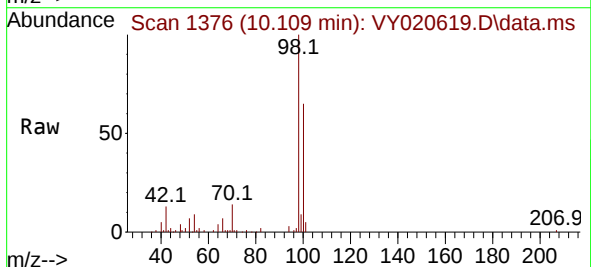
Acq: 17 Dec 2024 14:51

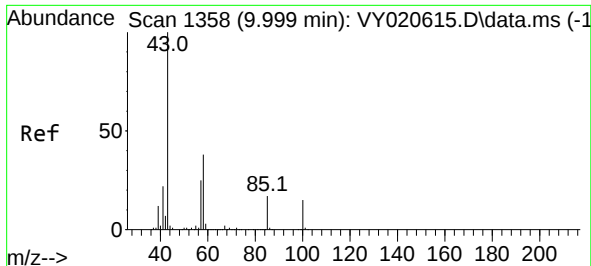
Tgt Ion: 98 Resp: 37211

Ion Ratio Lower Upper

98 100

100 63.8 52.1 78.1

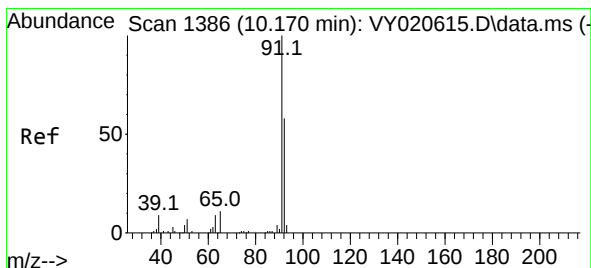
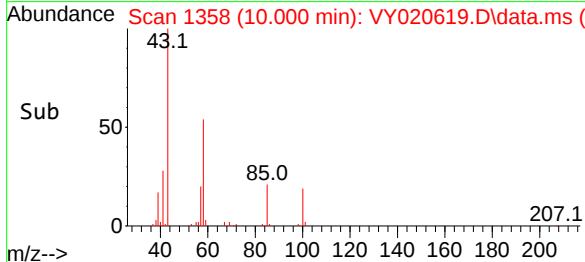
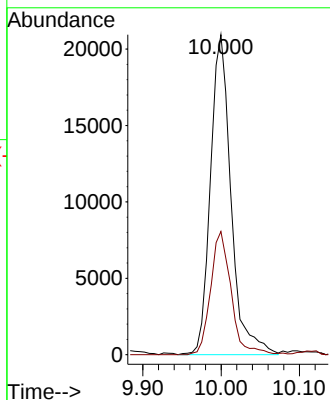
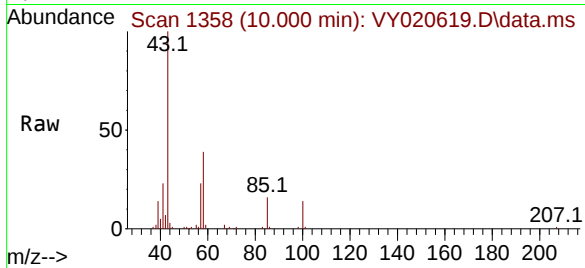




#51
4-Methyl-2-Pentanone
Concen: 24.607 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

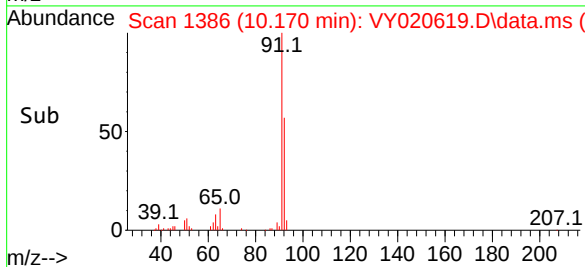
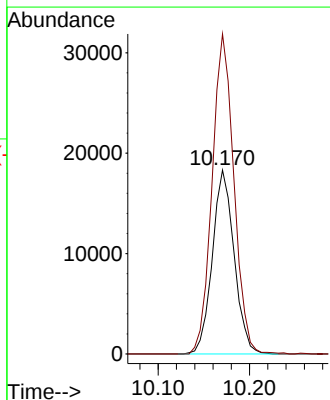
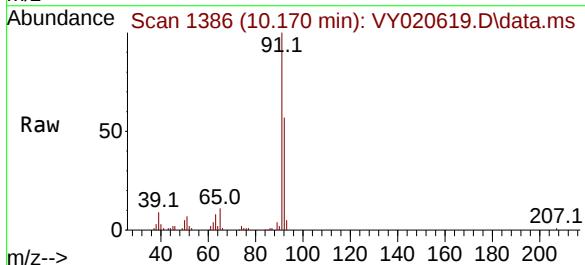
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

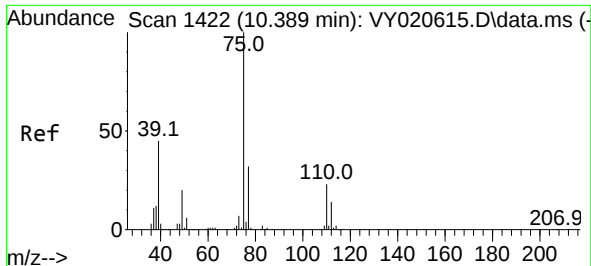
Tgt Ion: 43 Resp: 38280
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 5.025 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 92 Resp: 30294
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 4.558 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

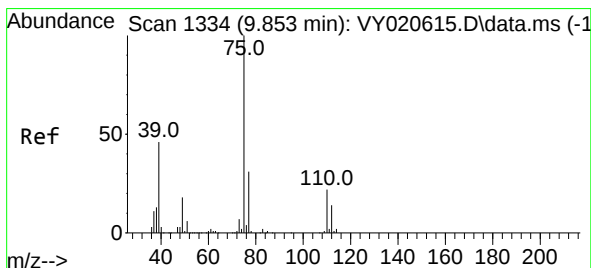
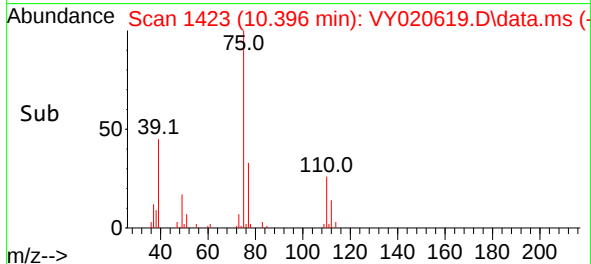
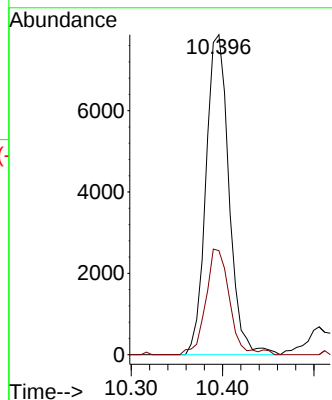
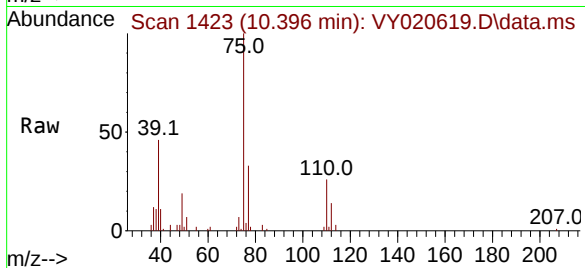
VSTDIC005

Tgt Ion: 75 Resp: 13747

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 4.764 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

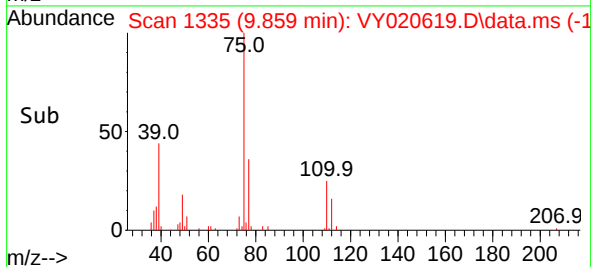
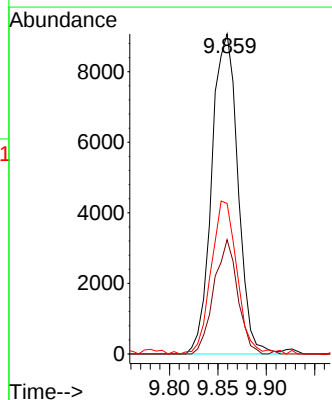
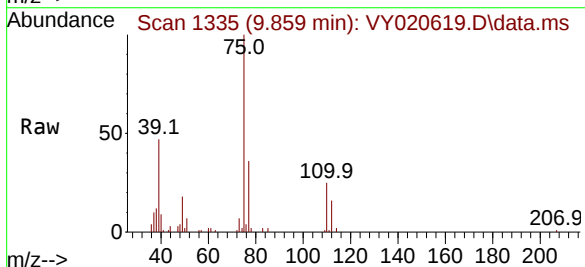
Tgt Ion: 75 Resp: 17025

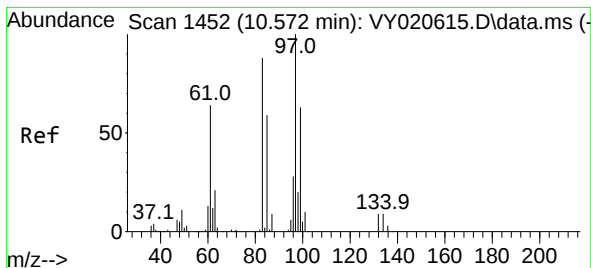
Ion Ratio Lower Upper

75 100

77 35.7 24.6 36.8

39 47.1 36.4 54.6

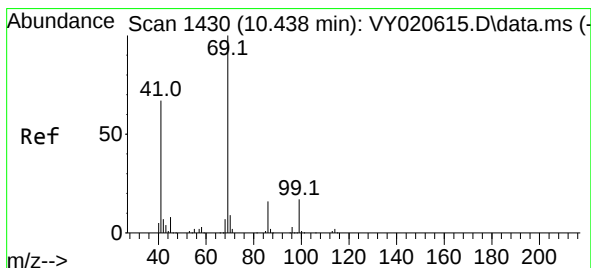
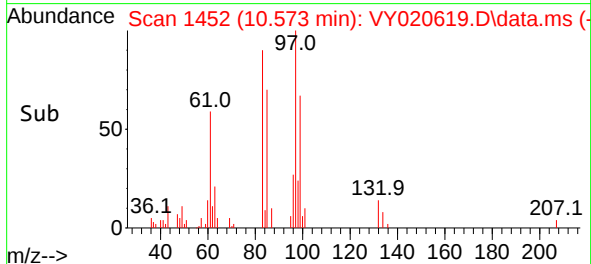
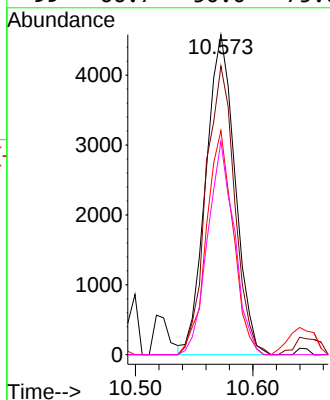
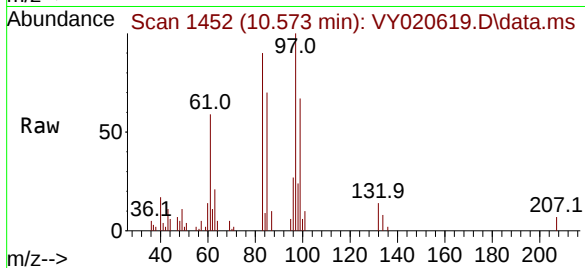




#55
1,1,2-Trichloroethane
Concen: 5.009 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

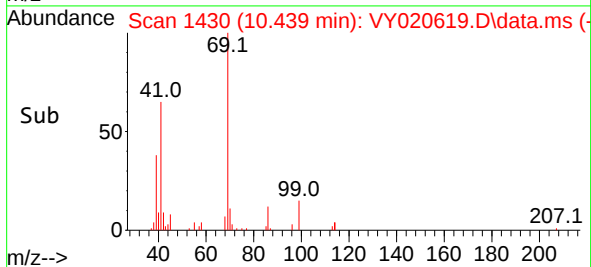
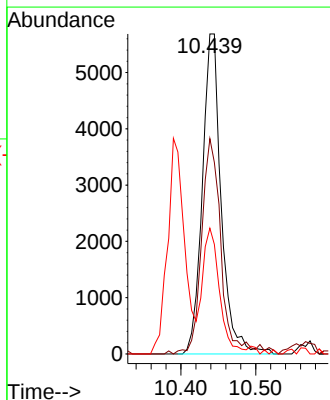
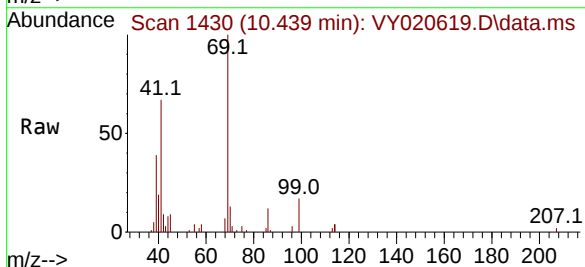
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

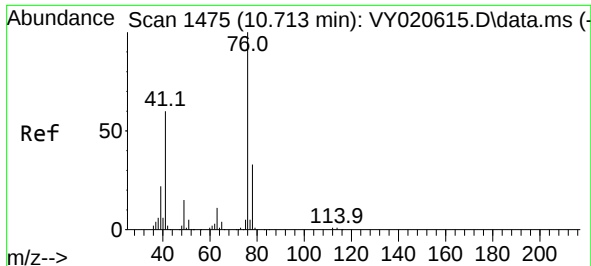
Tgt Ion:	97	Resp:	7935
Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.4	105.6
85	70.1	47.2	70.8
99	66.7	50.0	75.0



#56
Ethyl methacrylate
Concen: 4.351 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion:	69	Resp:	10000
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.0	81.0
39	32.8	27.9	41.9





#57

1,3-Dichloropropane

Concen: 4.870 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

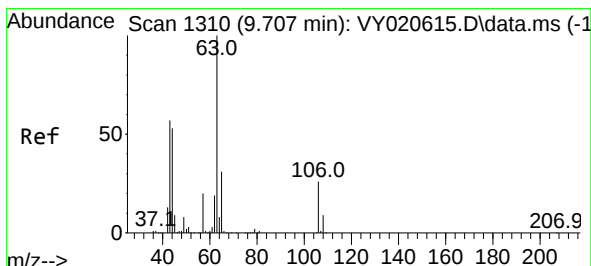
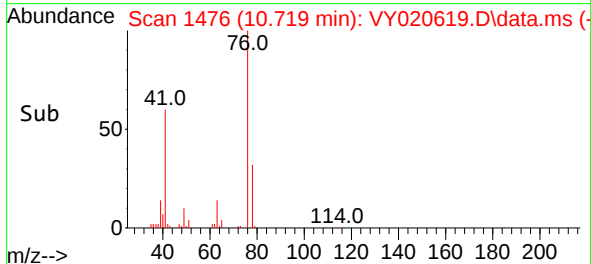
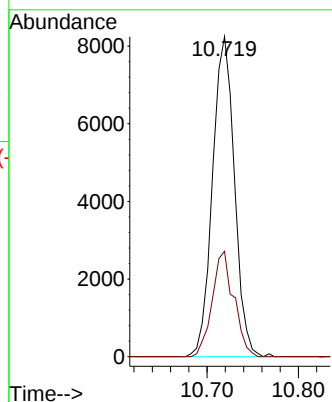
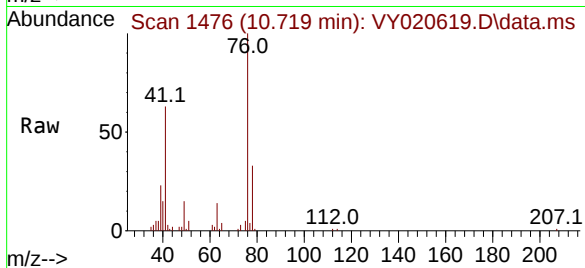
VSTDIC005

Tgt Ion: 76 Resp: 13754

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 24.686 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020619.D

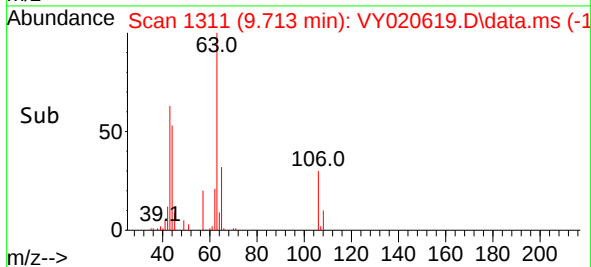
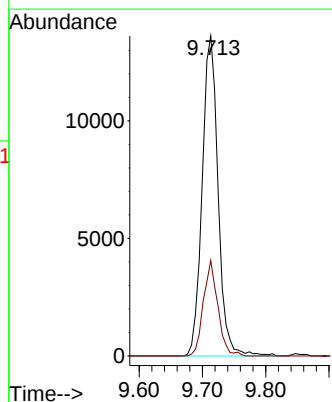
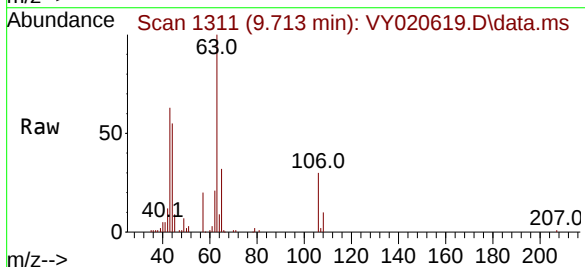
Acq: 17 Dec 2024 14:51

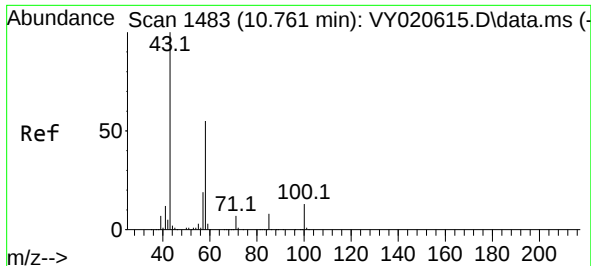
Tgt Ion: 63 Resp: 23872

Ion Ratio Lower Upper

63 100

106 27.1 21.5 32.3

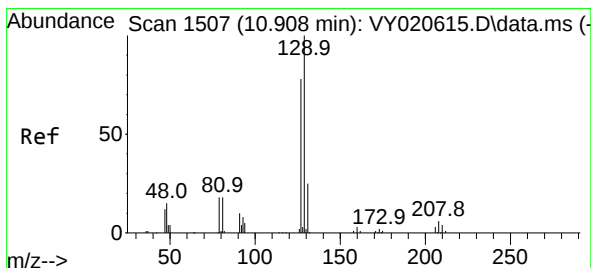
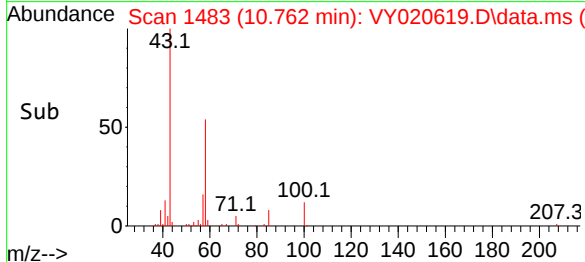
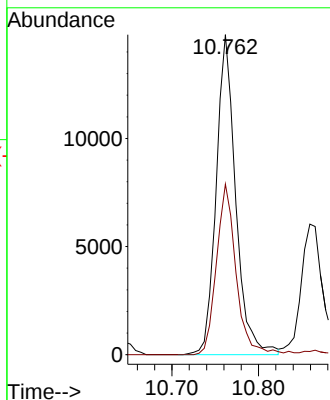
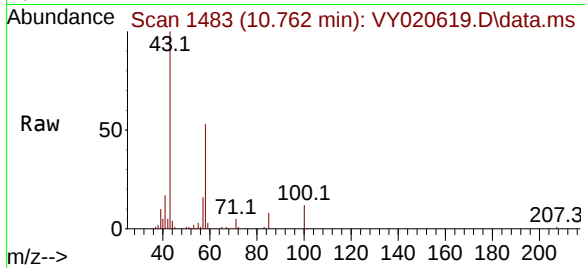




#59
2-Hexanone
Concen: 23.192 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

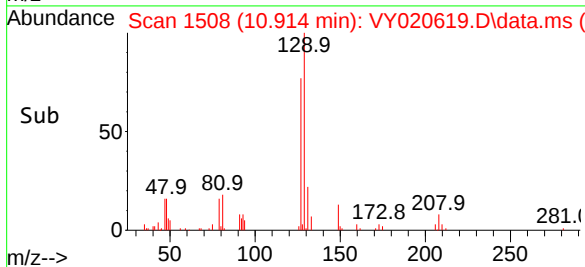
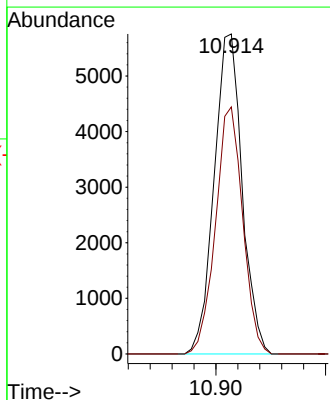
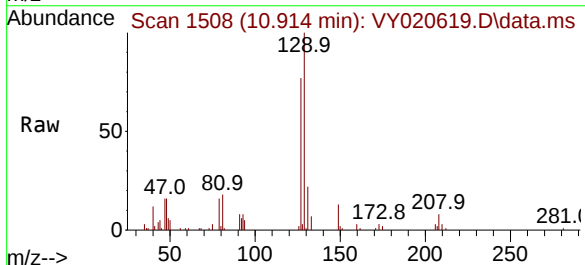
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

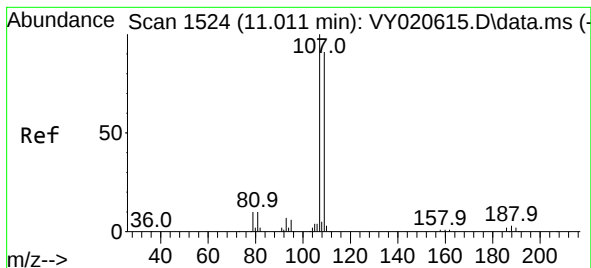
Tgt Ion: 43 Resp: 23164
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.6



#60
Dibromochloromethane
Concen: 4.818 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 129 Resp: 10207
Ion Ratio Lower Upper
129 100
127 74.9 38.1 114.3

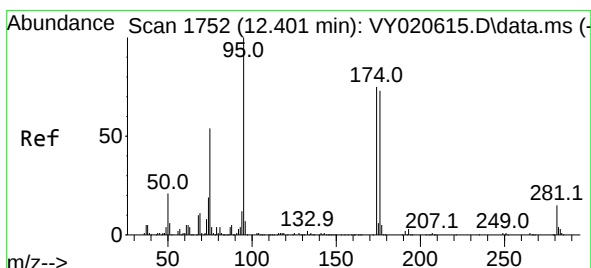
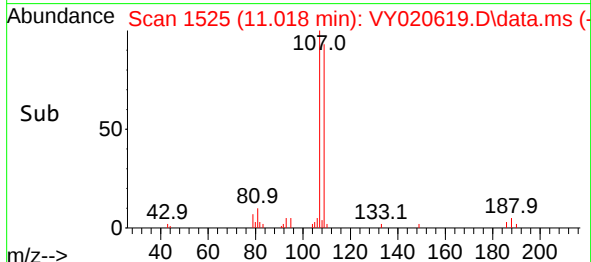
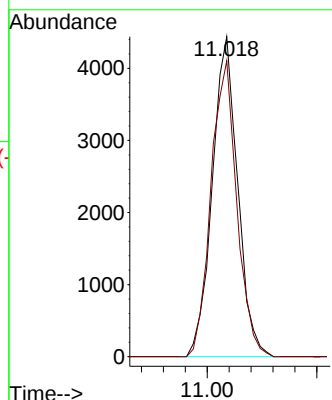
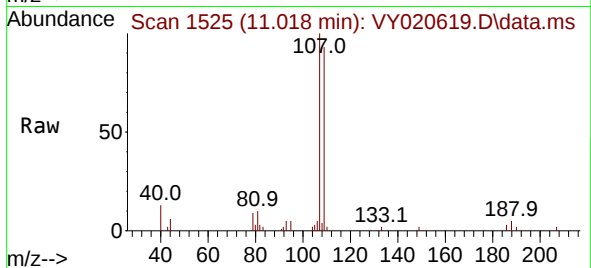




#61
1,2-Dibromoethane
Concen: 4.847 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

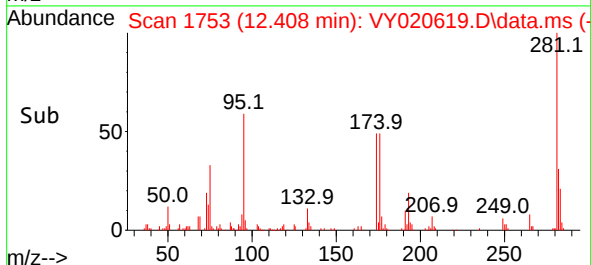
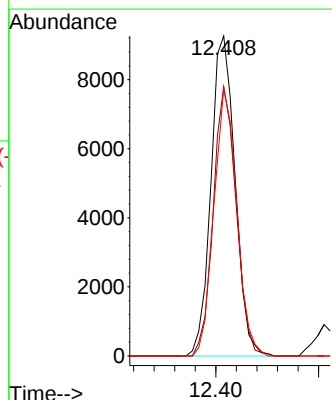
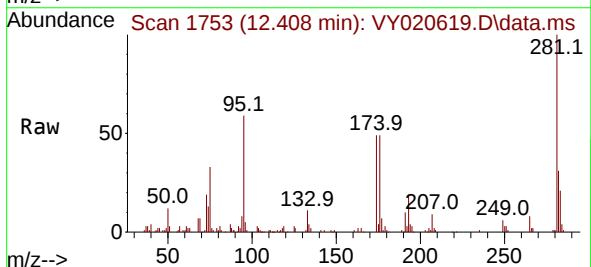
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

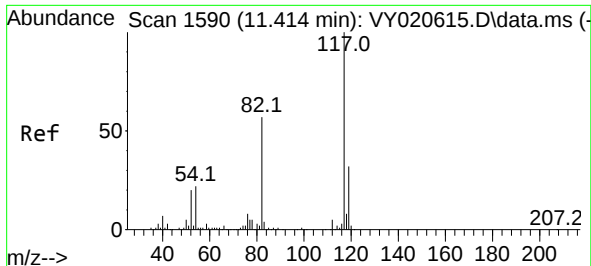
Tgt Ion:107 Resp: 7143
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 6.066 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 95 Resp: 15073
Ion Ratio Lower Upper
95 100
174 80.0 0.0 161.8
176 79.5 0.0 156.6

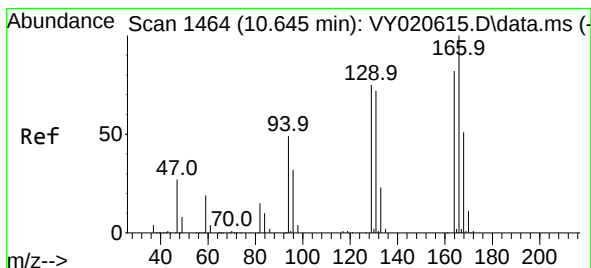
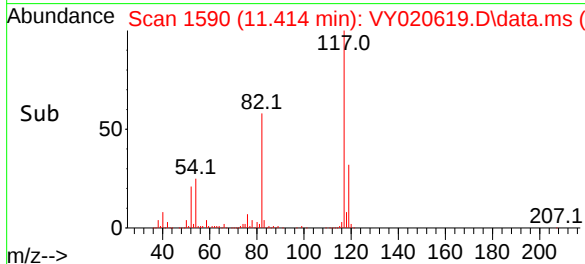
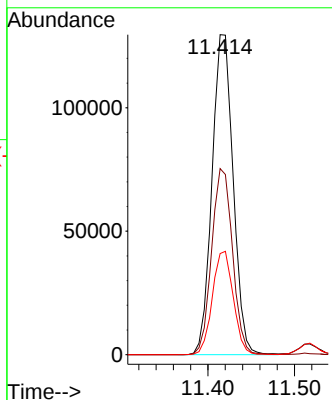
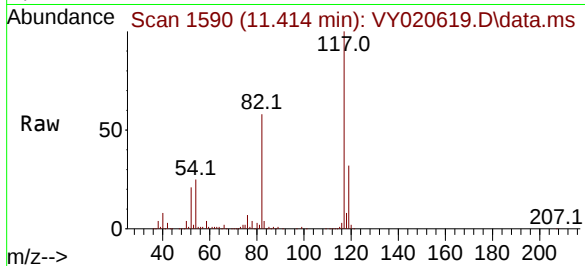




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

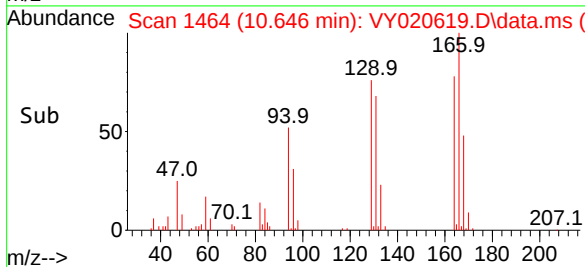
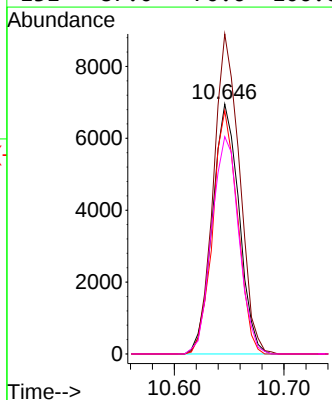
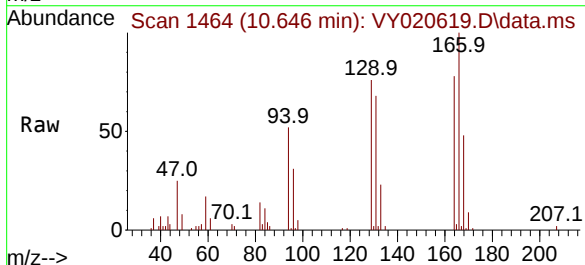
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

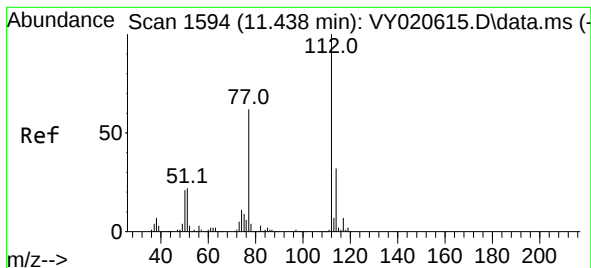
Tgt Ion:	117	Resp:	219786
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.6
119	31.6	25.3	37.9



#64
Tetrachloroethene
Concen: 5.663 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion:	164	Resp:	11707
Ion	Ratio	Lower	Upper
164	100		
166	128.0	97.9	146.9
129	97.3	73.4	110.0
131	87.0	70.6	106.0





#65

Chlorobenzene

Concen: 5.154 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

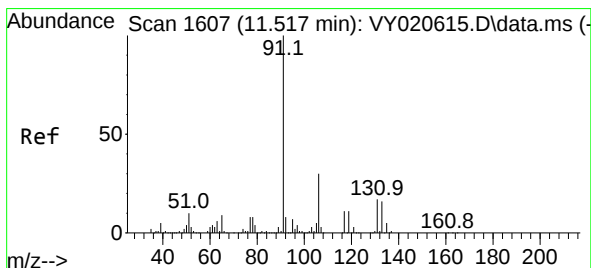
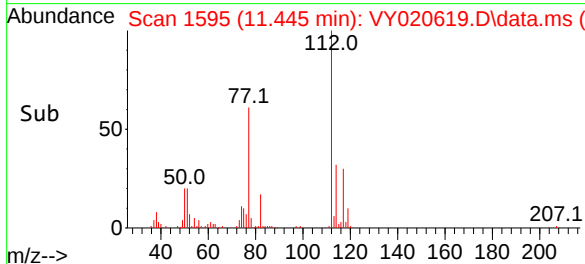
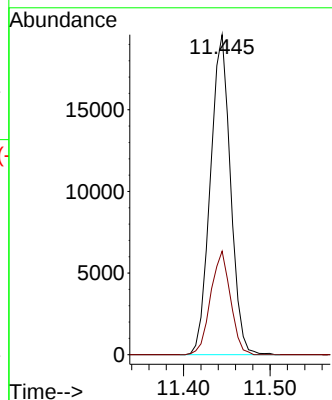
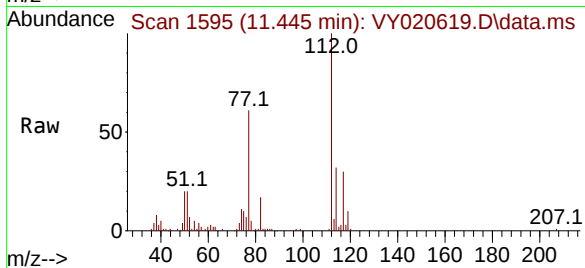
VSTDIC005

Tgt Ion:112 Resp: 31674

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 5.009 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

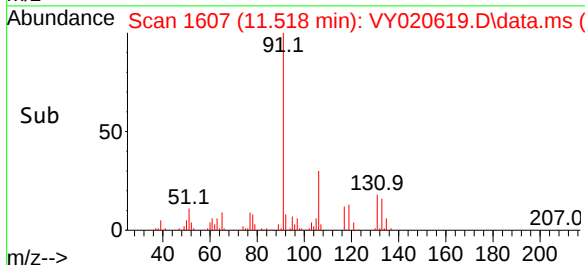
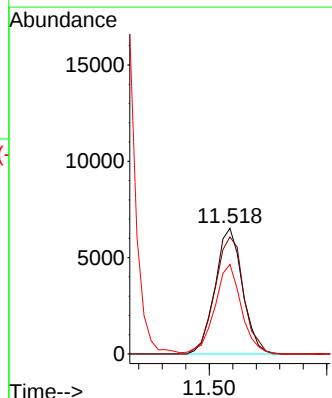
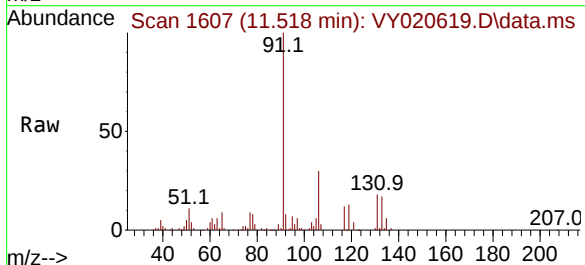
Tgt Ion:131 Resp: 10526

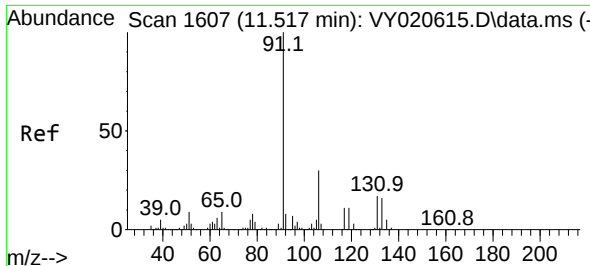
Ion Ratio Lower Upper

131 100

133 97.9 46.8 140.3

119 69.6 31.8 95.3

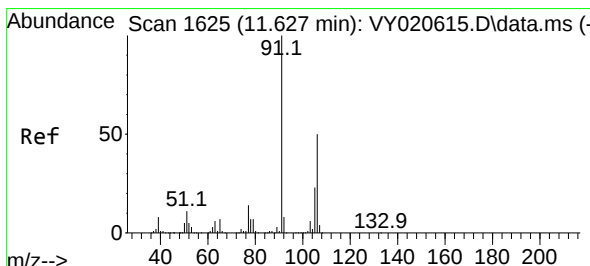
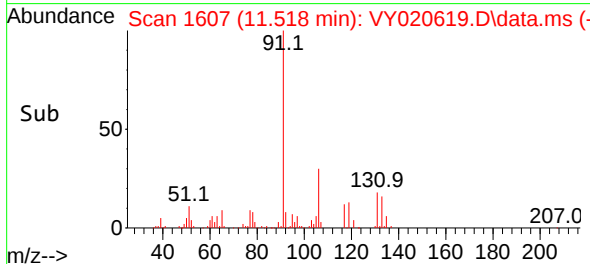
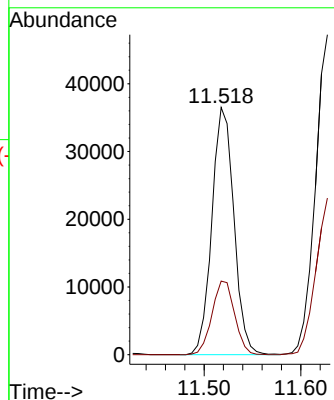
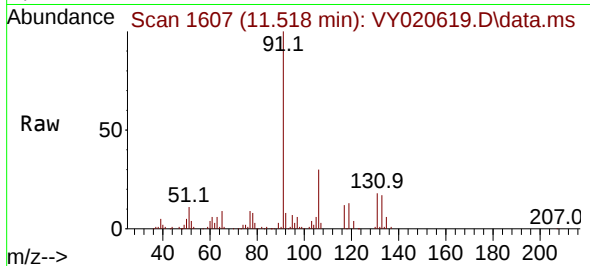




#67
Ethyl Benzene
Concen: 5.103 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

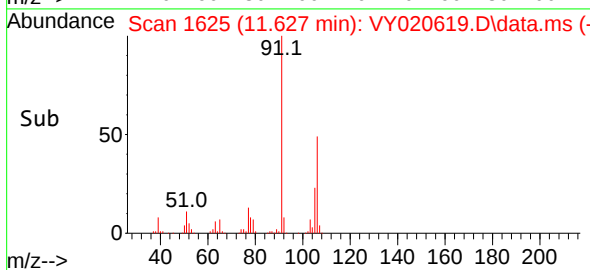
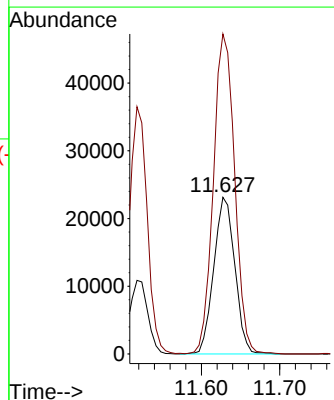
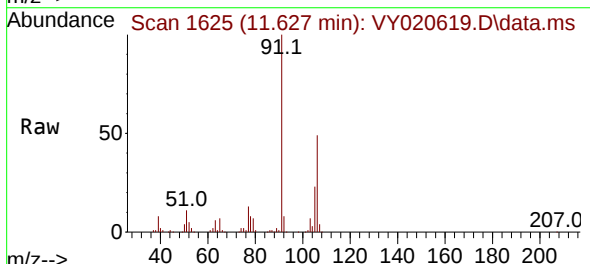
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

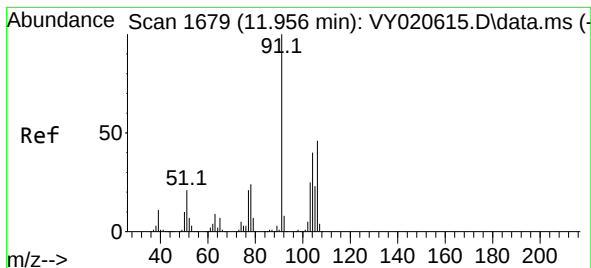
Tgt Ion: 91 Resp: 57861
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9



#68
m/p-Xylenes
Concen: 10.262 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 106 Resp: 43257
Ion Ratio Lower Upper
106 100
91 206.6 165.0 247.4





#69

o-Xylene

Concen: 4.993 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

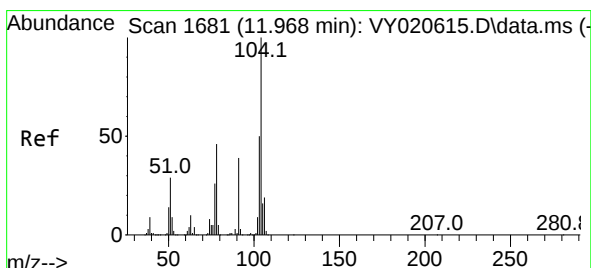
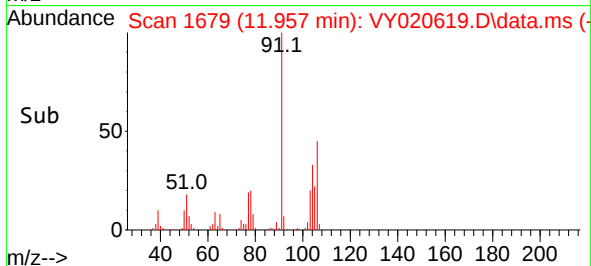
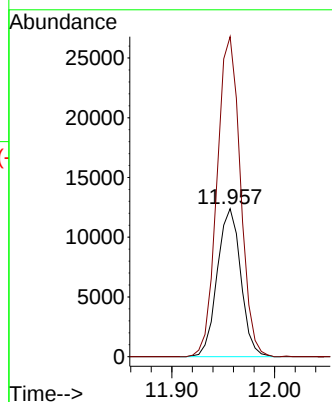
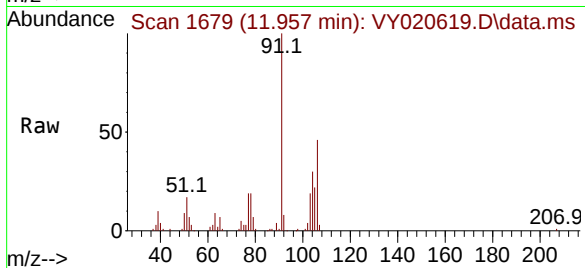
VSTDICC005

Tgt Ion:106 Resp: 19639

Ion Ratio Lower Upper

106 100

91 215.2 108.4 325.2



#70

Styrene

Concen: 4.945 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

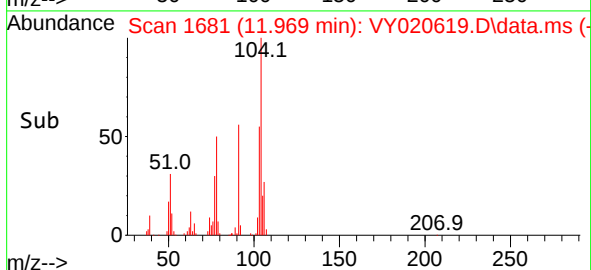
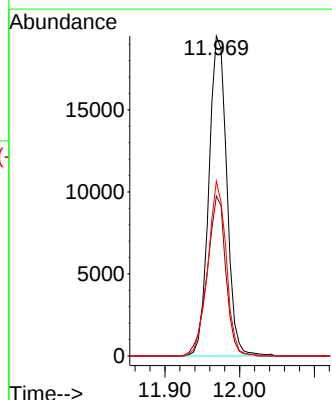
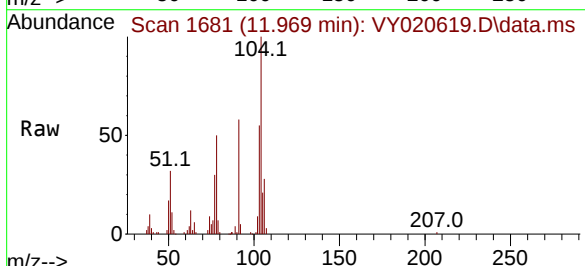
Tgt Ion:104 Resp: 32495

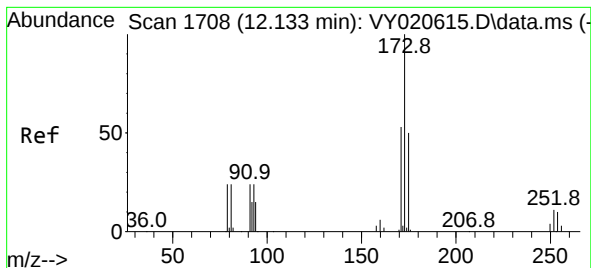
Ion Ratio Lower Upper

104 100

78 52.0 41.6 62.4

103 55.9 43.7 65.5





#71

Bromoform

Concen: 4.877 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

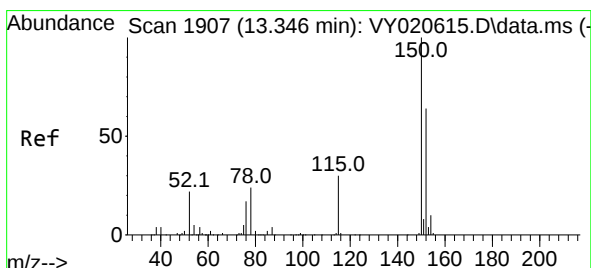
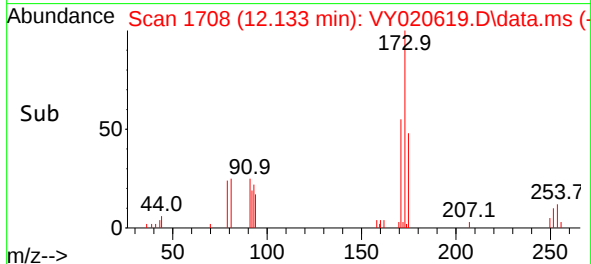
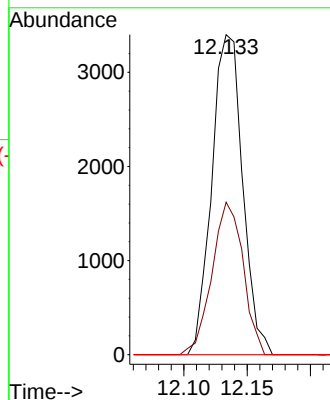
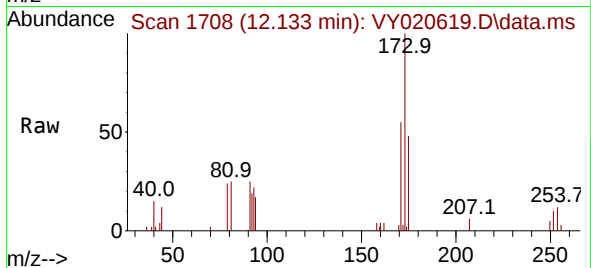
Tgt Ion:173 Resp: 5762

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

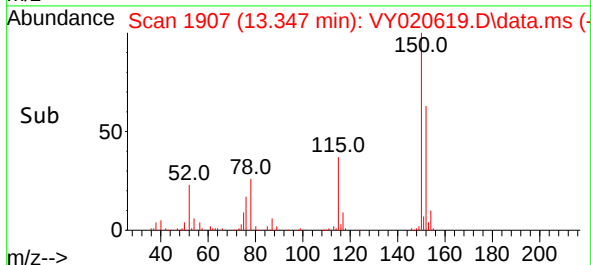
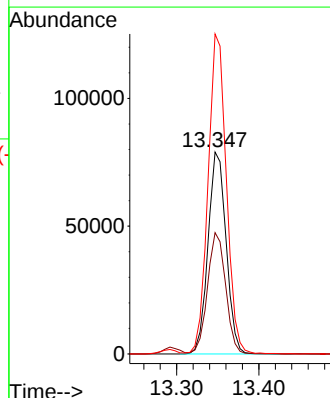
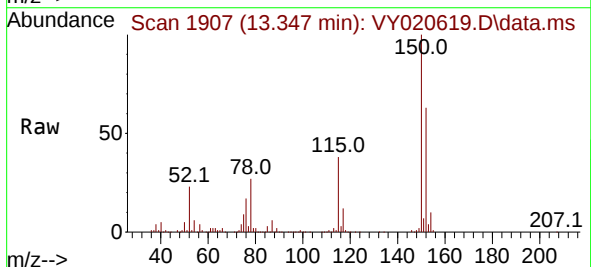
Tgt Ion:152 Resp: 120870

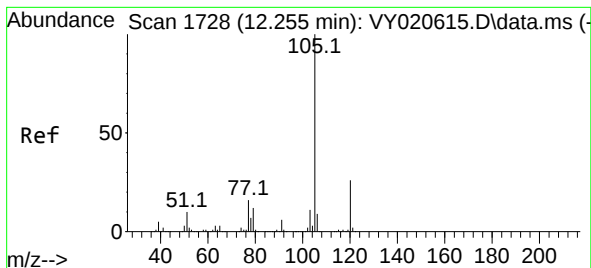
Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

150 160.3 0.0 355.4





#73

Isopropylbenzene

Concen: 5.043 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

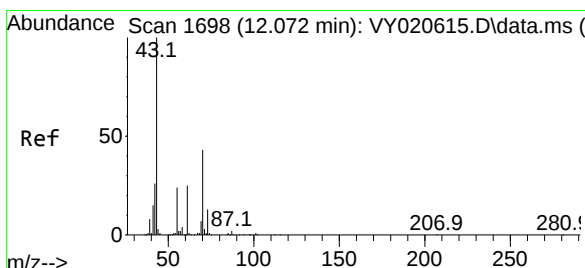
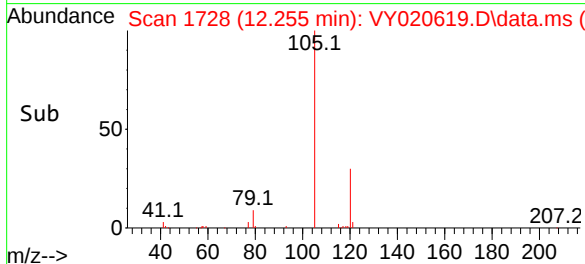
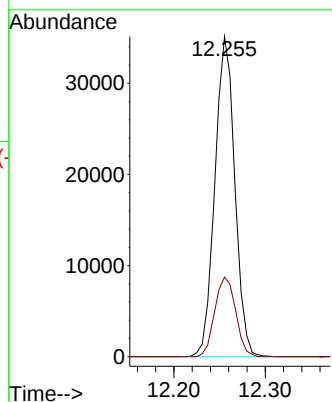
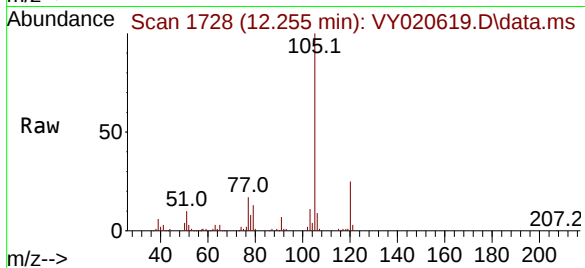
VSTDIC005

Tgt Ion:105 Resp: 53196

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 4.245 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Tgt Ion: 43 Resp: 10480

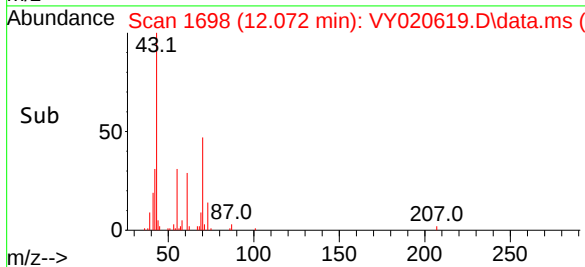
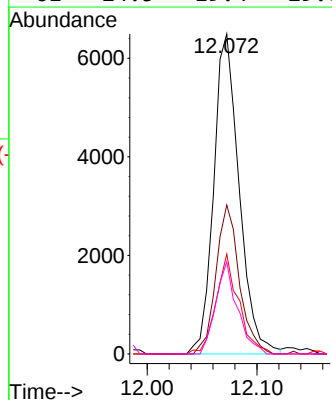
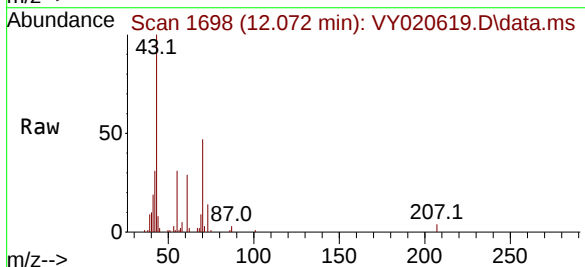
Ion Ratio Lower Upper

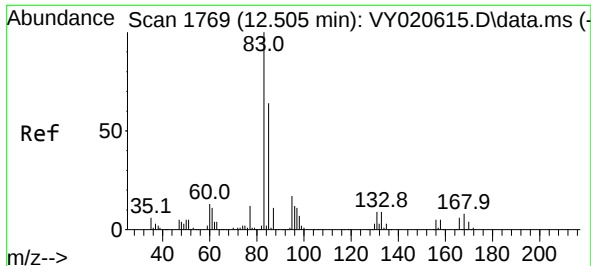
43 100

70 42.8 34.2 51.2

55 27.8 19.6 29.4

61 24.5 19.4 29.0

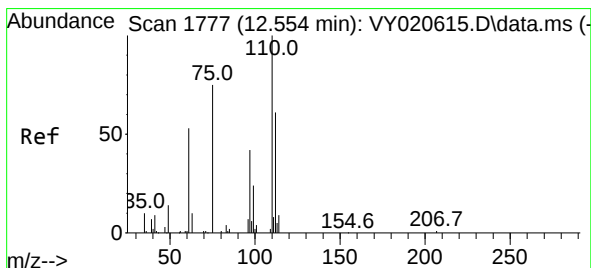
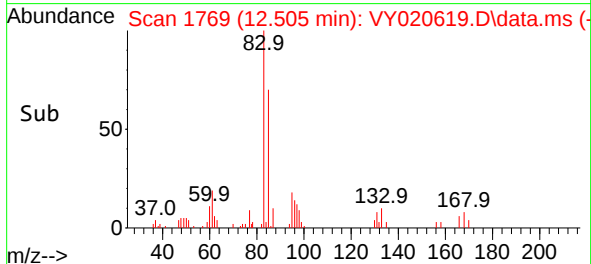
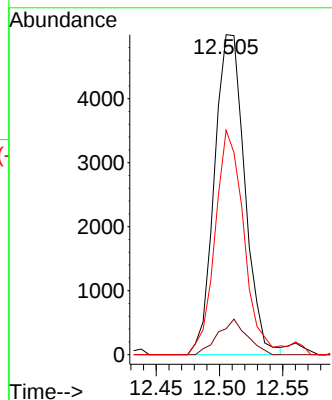
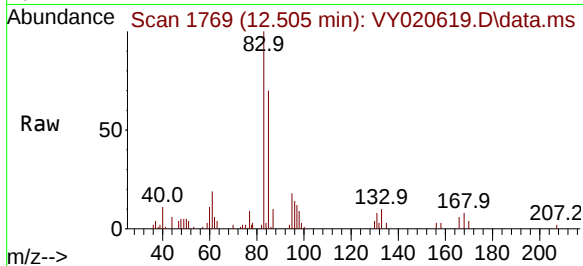




#75
1,1,2,2-Tetrachloroethane
Concen: 4.866 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

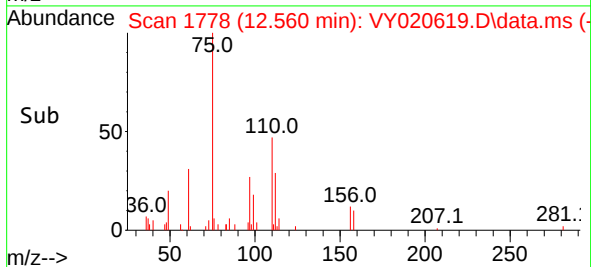
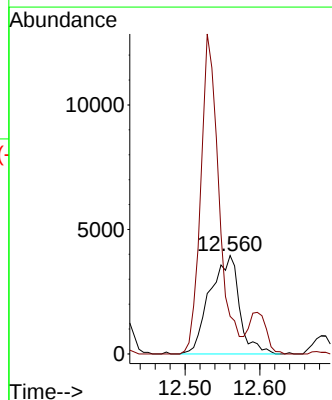
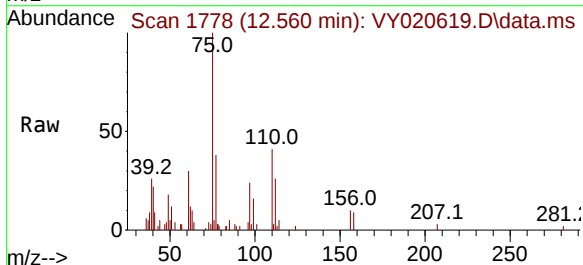
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

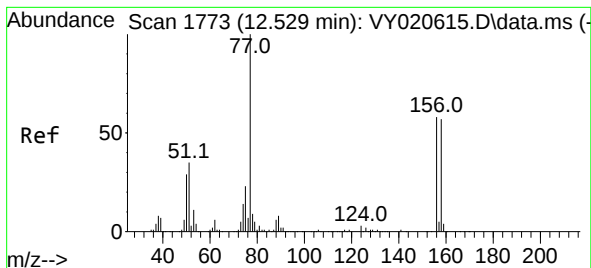
Tgt Ion: 83 Resp: 8331
Ion Ratio Lower Upper
83 100
131 10.6 5.2 15.6
85 67.3 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 8.690 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 75 Resp: 10818
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.124 ug/l

RT: 12.536 min Scan# 11774

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

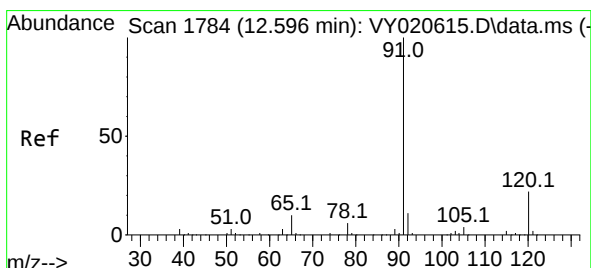
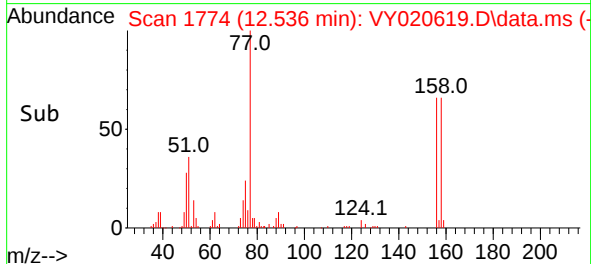
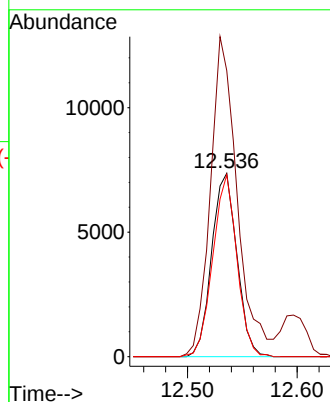
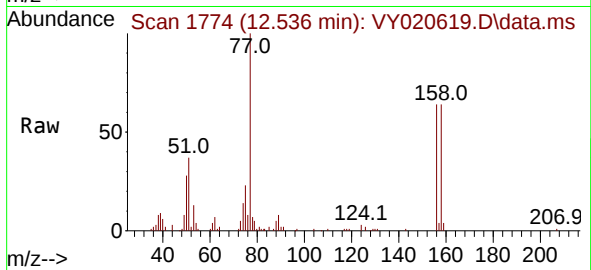
Tgt Ion:156 Resp: 11774

Ion Ratio Lower Upper

156 100

77 185.9 94.2 282.4

158 94.9 48.9 146.6



#78

n-propylbenzene

Concen: 5.047 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020619.D

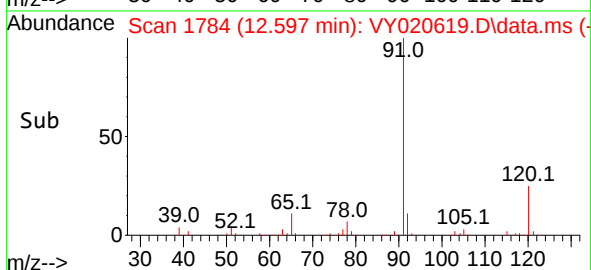
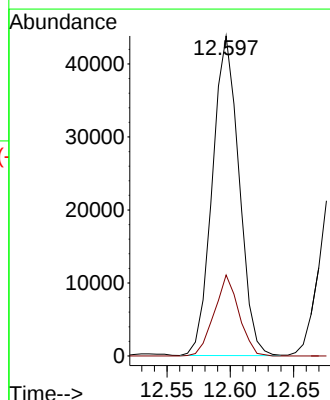
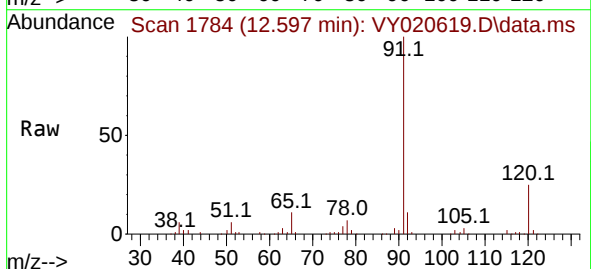
Acq: 17 Dec 2024 14:51

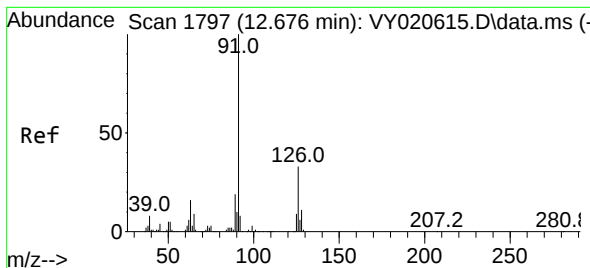
Tgt Ion: 91 Resp: 64140

Ion Ratio Lower Upper

91 100

120 23.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 5.106 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

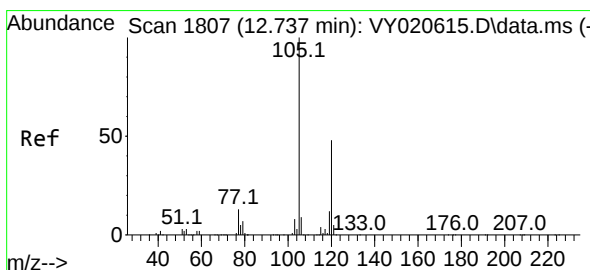
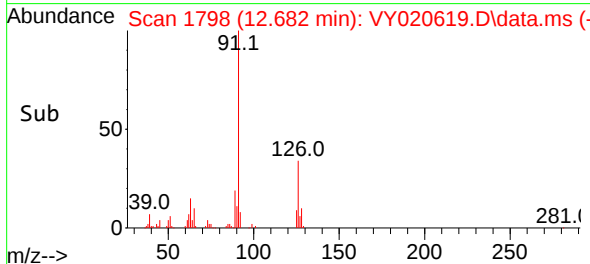
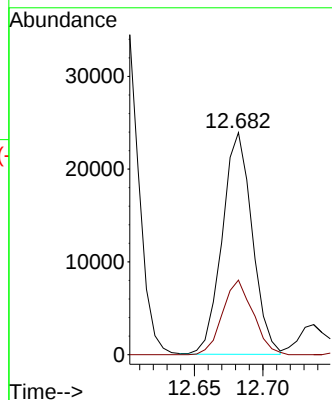
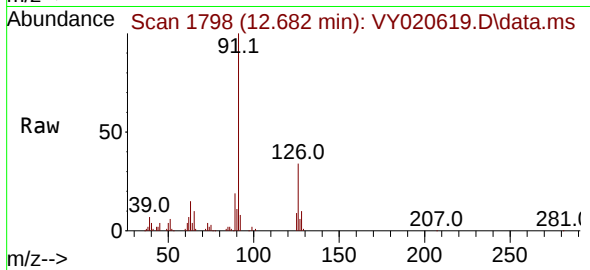
VSTDIC005

Tgt Ion: 91 Resp: 36508

Ion Ratio Lower Upper

91 100

126 34.1 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 5.107 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020619.D

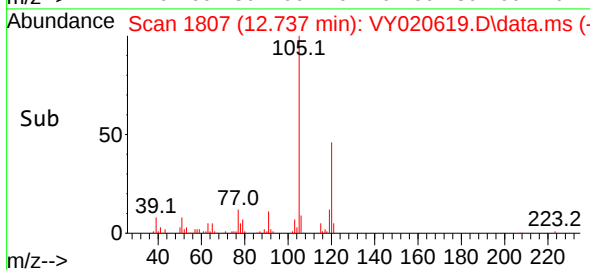
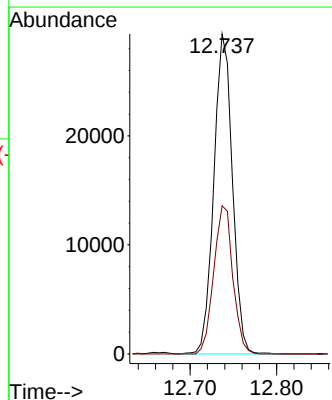
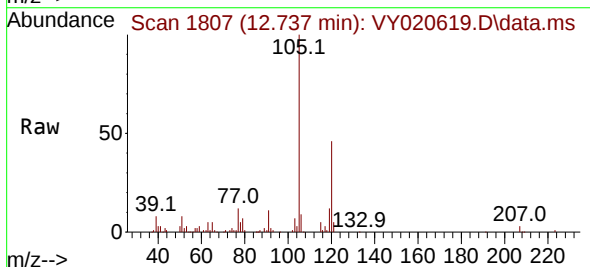
Acq: 17 Dec 2024 14:51

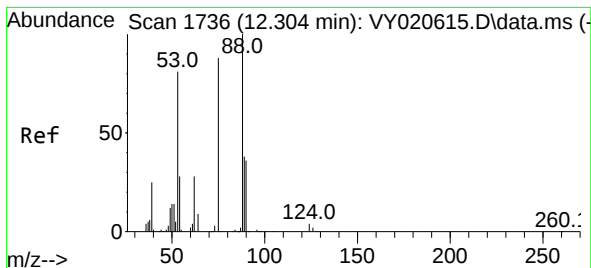
Tgt Ion: 105 Resp: 43711

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7

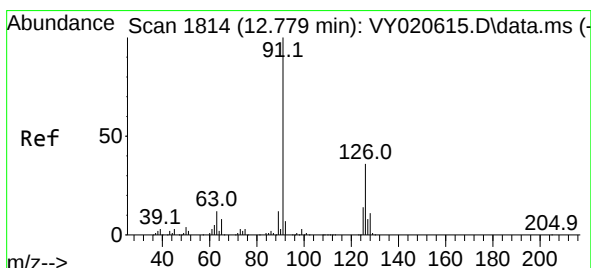
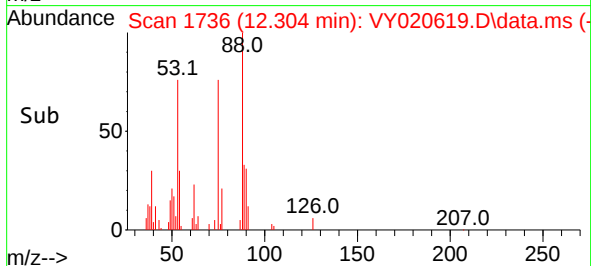
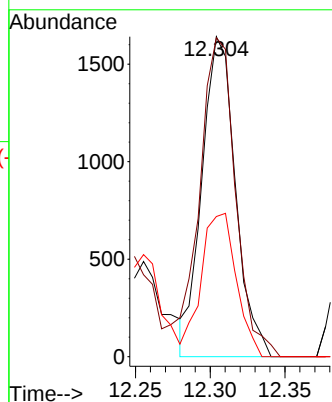
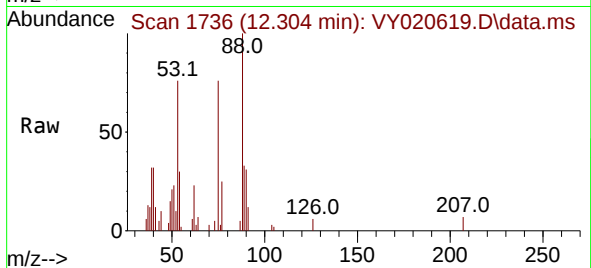




#81
trans-1,4-Dichloro-2-butene
Concen: 4.276 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

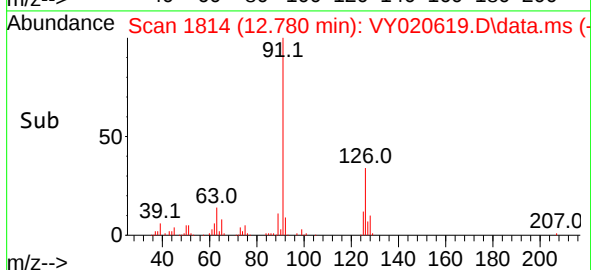
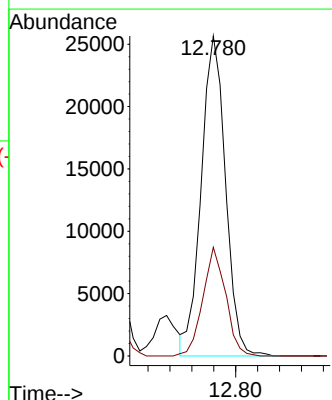
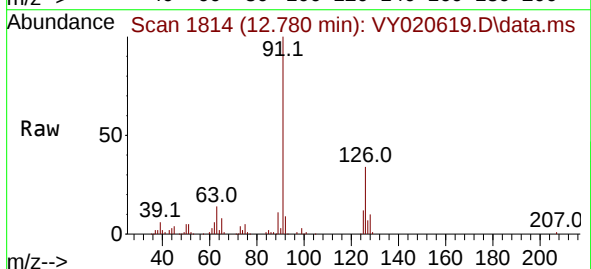
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

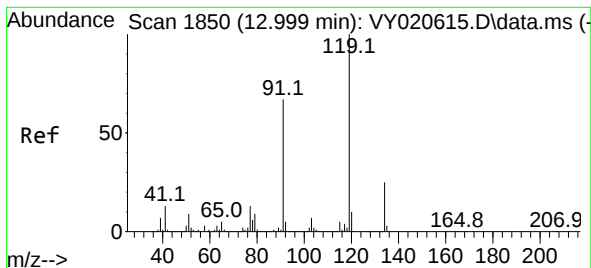
Tgt Ion:	75	Resp:	2558
Ion	Ratio	Lower	Upper
75	100		
53	107.3	75.4	113.2
89	47.1	37.0	55.4



#82
4-Chlorotoluene
Concen: 5.318 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion:	91	Resp:	39447
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.6	49.7





#83

tert-Butylbenzene

Concen: 4.972 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

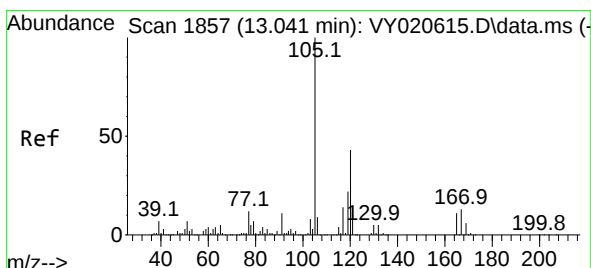
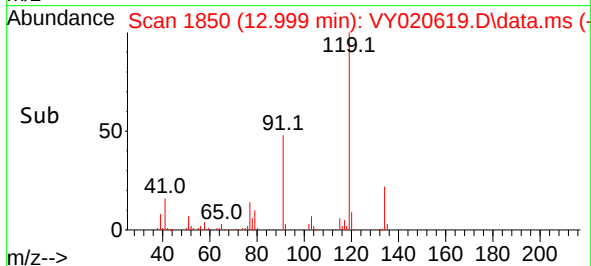
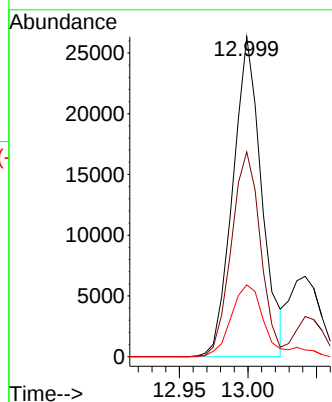
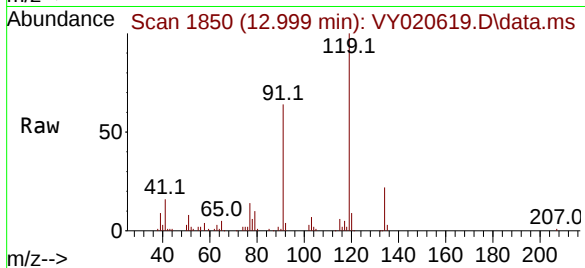
Tgt Ion:119 Resp: 38538

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 25.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 4.974 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020619.D

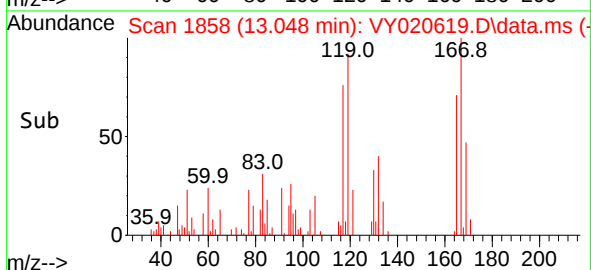
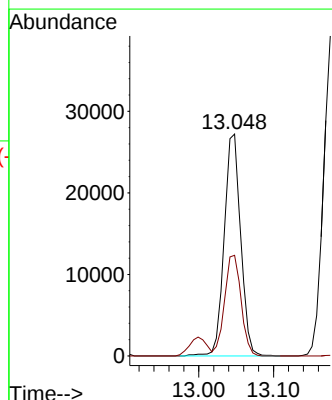
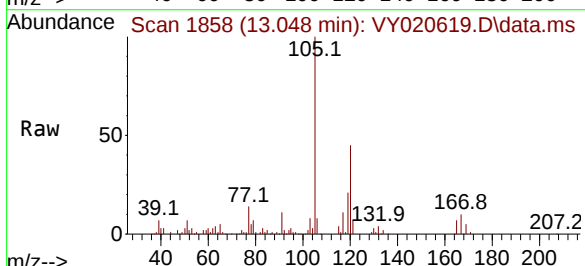
Acq: 17 Dec 2024 14:51

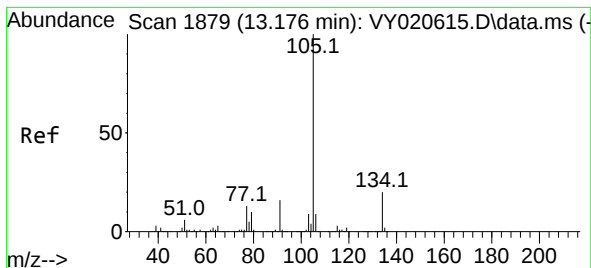
Tgt Ion:105 Resp: 41754

Ion Ratio Lower Upper

105 100

120 45.5 21.8 65.4





#85

sec-Butylbenzene

Concen: 5.154 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

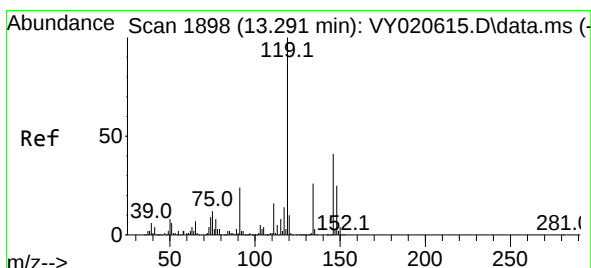
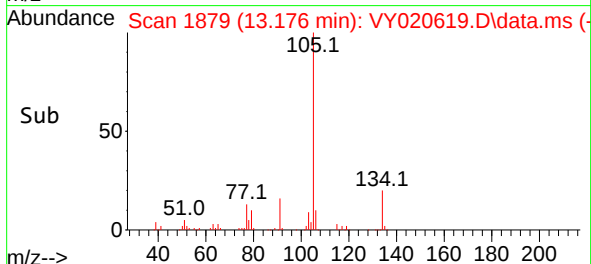
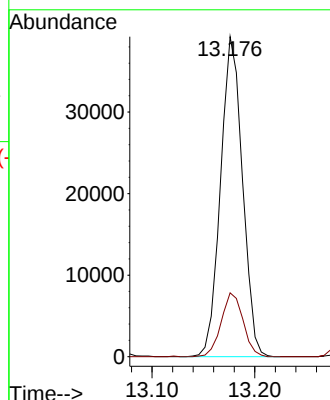
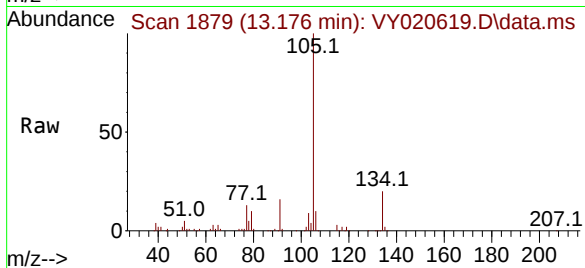
VSTDIC005

Tgt Ion:105 Resp: 58088

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 4.992 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

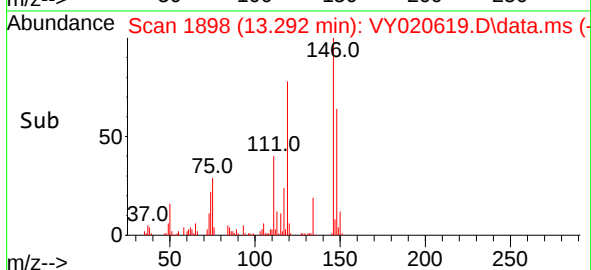
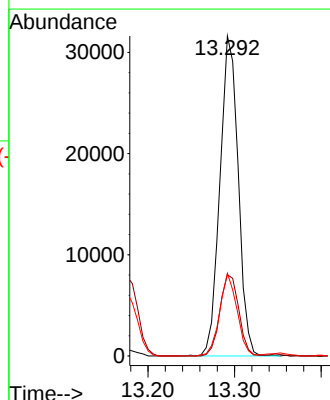
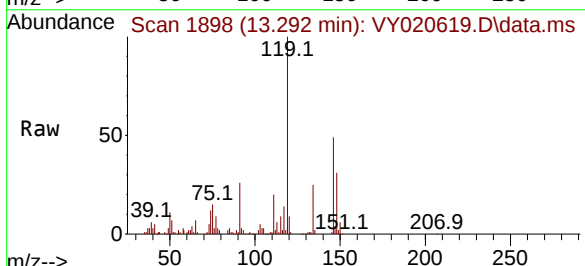
Tgt Ion:119 Resp: 46384

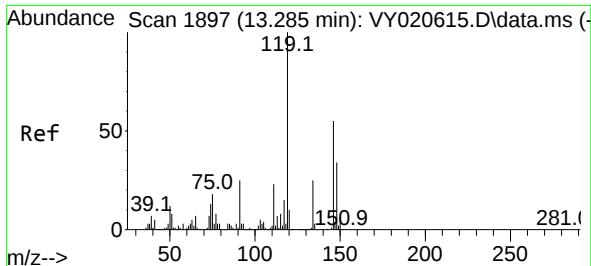
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 5.238 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

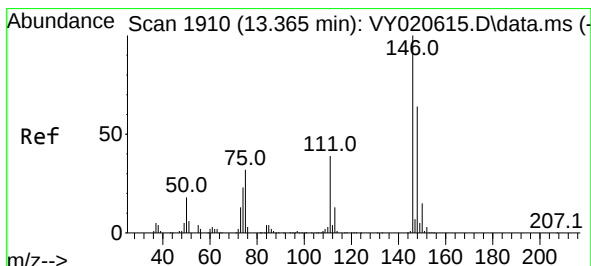
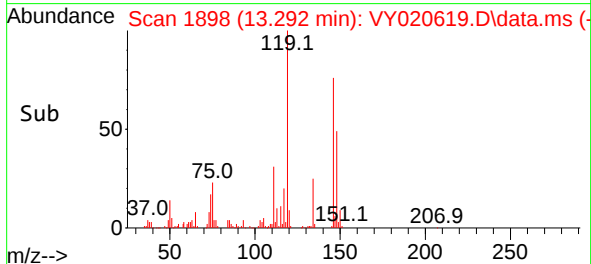
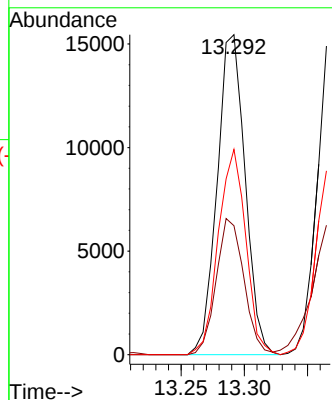
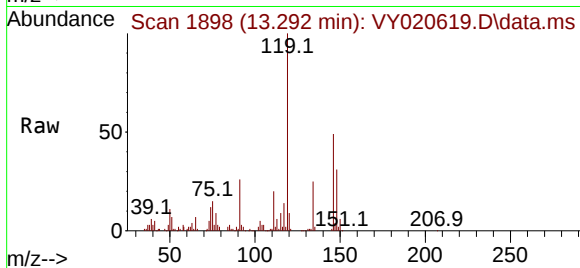
Tgt Ion:146 Resp: 23757

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.8

148 62.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 5.404 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

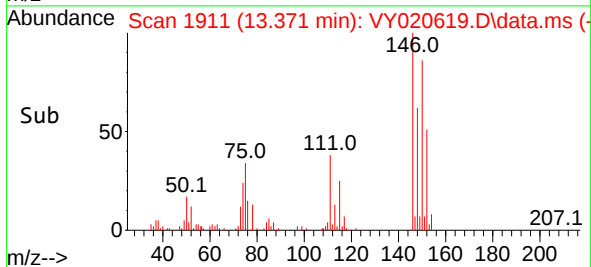
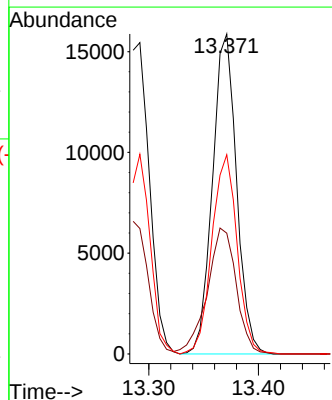
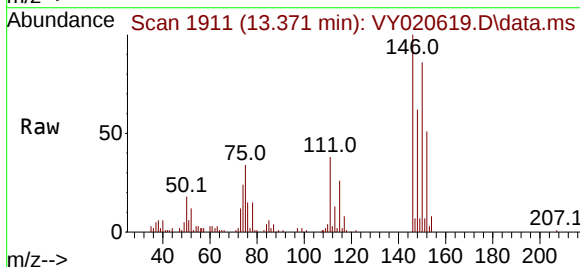
Tgt Ion:146 Resp: 24276

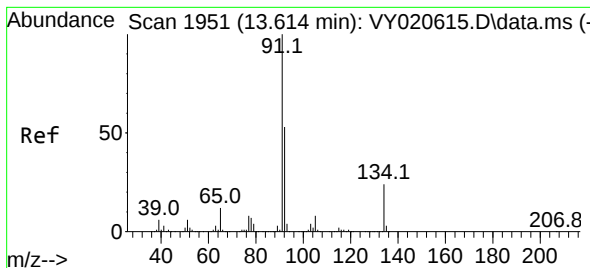
Ion Ratio Lower Upper

146 100

111 47.2 19.6 58.7

148 65.4 31.9 95.5





#89

n-Butylbenzene

Concen: 4.976 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

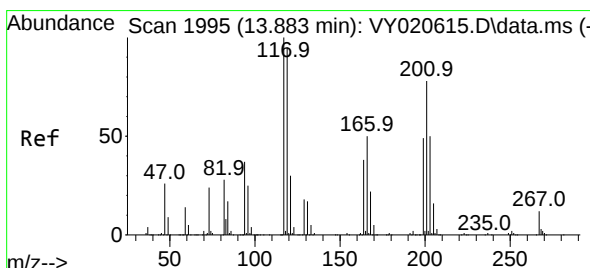
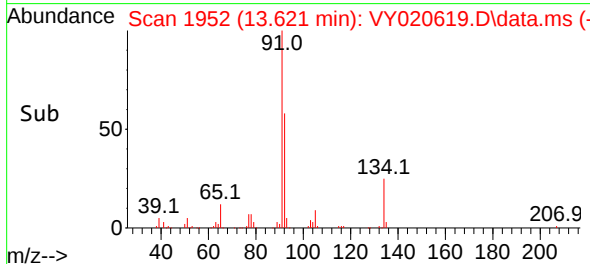
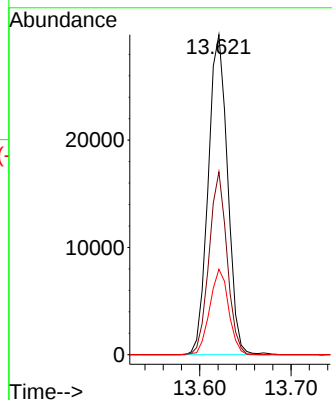
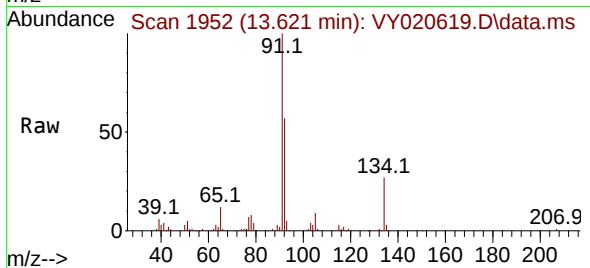
Tgt Ion: 91 Resp: 43817

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 26.0 12.5 37.5



#90

Hexachloroethane

Concen: 5.084 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020619.D

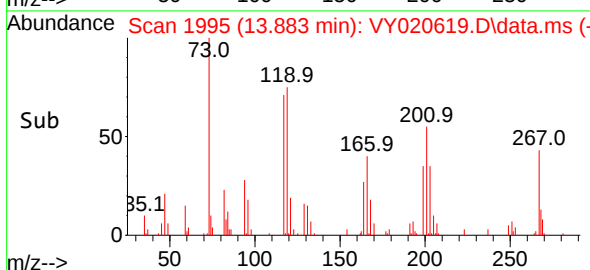
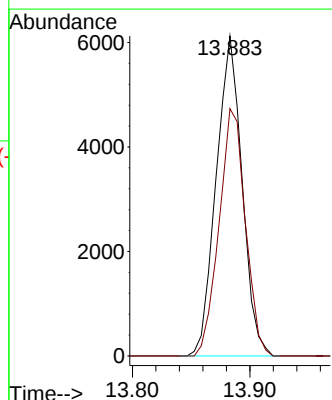
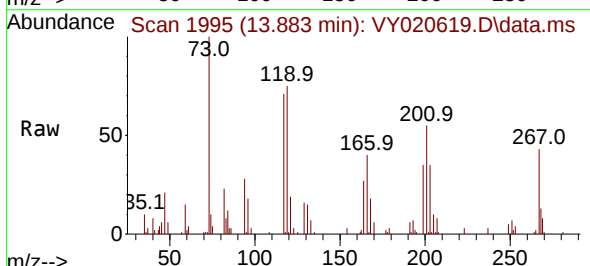
Acq: 17 Dec 2024 14:51

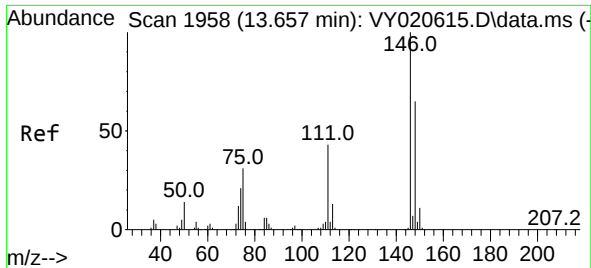
Tgt Ion: 117 Resp: 9361

Ion Ratio Lower Upper

117 100

201 78.4 39.1 117.3

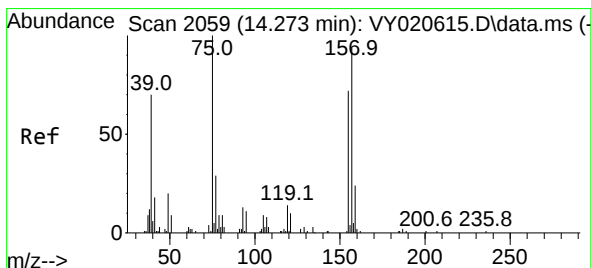
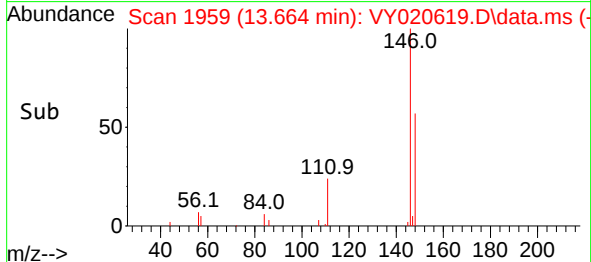
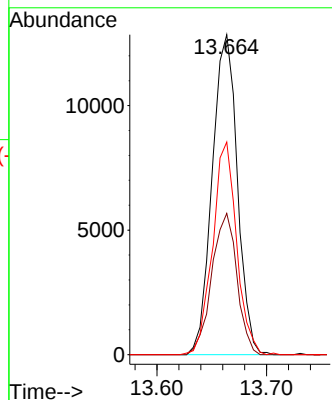
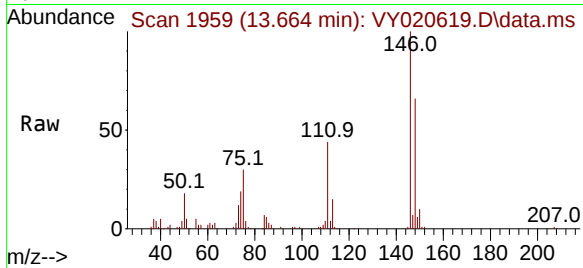




#91
1,2-Dichlorobenzene
Concen: 5.211 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

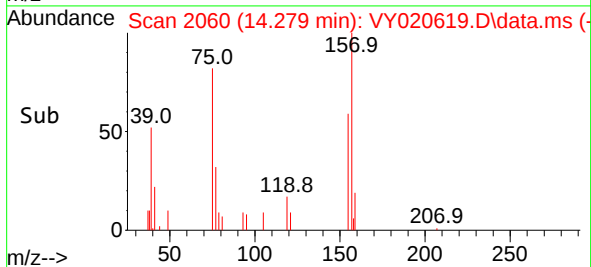
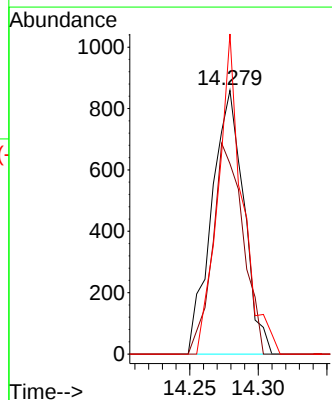
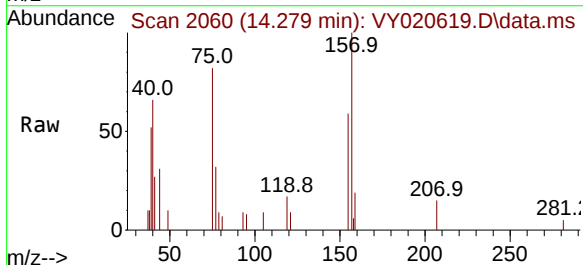
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

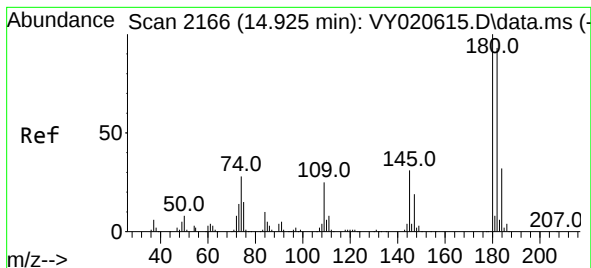
Tgt Ion:146 Resp: 20478
Ion Ratio Lower Upper
146 100
111 44.2 21.3 63.7
148 63.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.051 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion: 75 Resp: 1404
Ion Ratio Lower Upper
75 100
155 75.6 41.1 123.3
157 92.2 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 4.900 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

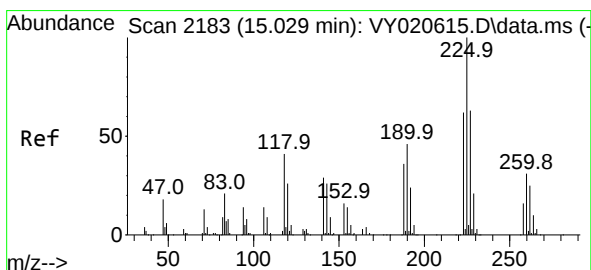
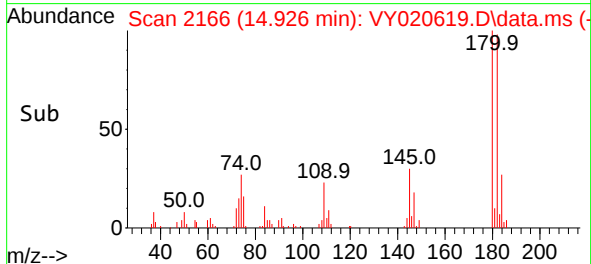
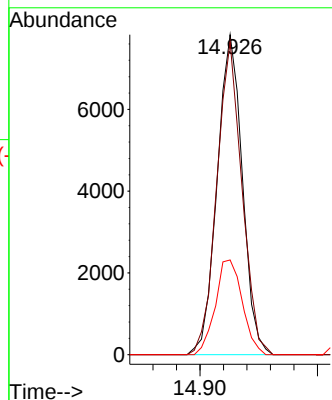
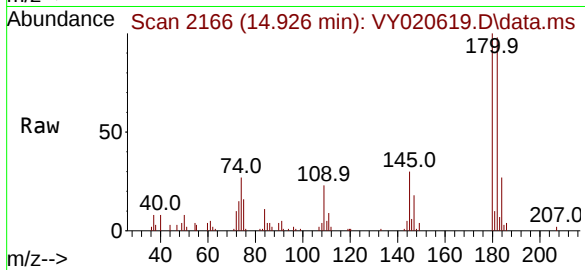
Tgt Ion:180 Resp: 11648

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.6

145 31.7 15.6 46.7



#94

Hexachlorobutadiene

Concen: 5.186 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020619.D

Acq: 17 Dec 2024 14:51

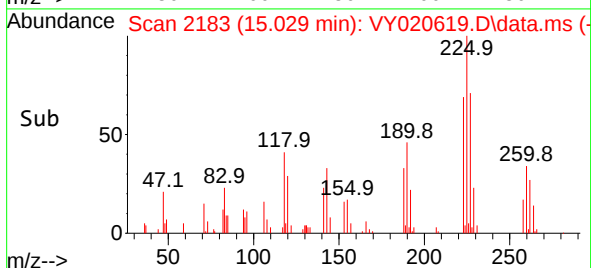
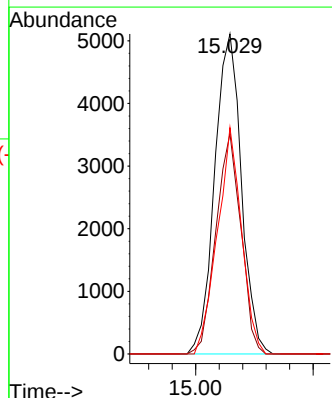
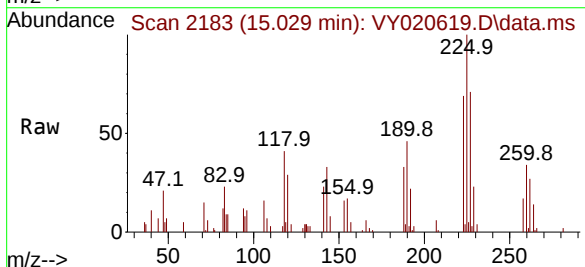
Tgt Ion:225 Resp: 8059

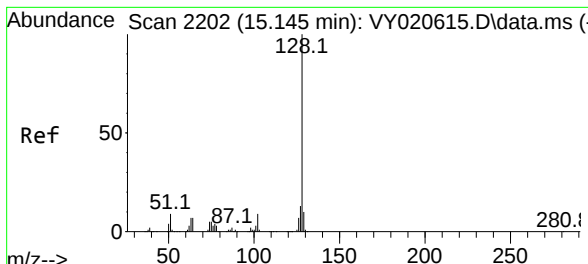
Ion Ratio Lower Upper

225 100

223 64.5 31.8 95.3

227 64.1 32.2 96.6

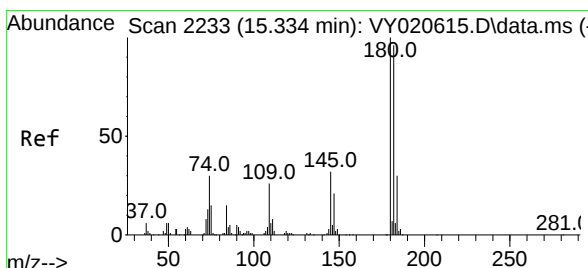
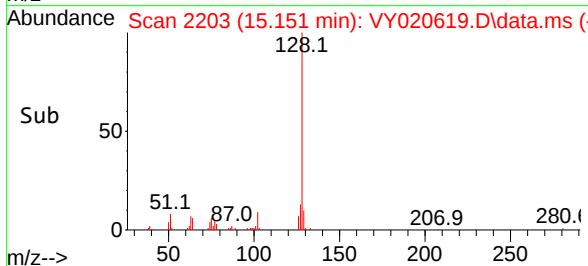
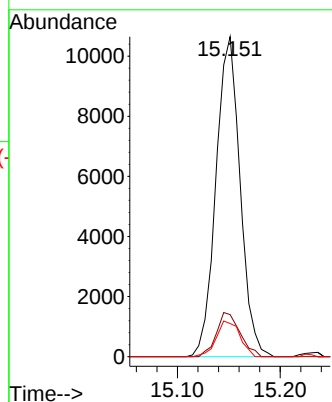
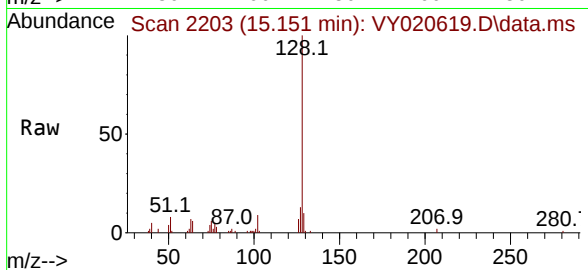




#95
Naphthalene
Concen: 4.261 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 17365
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 4.890 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY020619.D
Acq: 17 Dec 2024 14:51

Tgt Ion:180 Resp: 9821
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.9
145 32.3 16.0 48.0

