

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
 Data File : VY002999.D
 Acq On : 29 Jun 2020 11:08
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 29 17:29:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	486126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	719006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	660188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	349235	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	24139	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	
35) Dibromofluoromethane	7.73	113	21714	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	
50) Toluene-d8	10.18	98	81368	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.48	95	29682	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	20079	5.454 ug/l	96
3) Chloromethane	2.12	50	33994	6.305 ug/l	98
4) Vinyl Chloride	2.26	62	25850	4.916 ug/l	94
5) Bromomethane	2.65	94	17649	4.943 ug/l	94
6) Chloroethane	2.80	64	16727	5.000 ug/l	100
7) Trichlorofluoromethane	3.13	101	37595	5.065 ug/l	95
8) Diethyl Ether	3.53	74	13075	5.138 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	22069	4.980 ug/l	98
10) Methyl Iodide	4.10	142	24920	4.535 ug/l	99
11) Tert butyl alcohol	4.96	59	14859	30.198 ug/l #	89
12) 1,1-Dichloroethene	3.88	96	21378	5.070 ug/l	96
13) Acrolein	3.74	56	12281	27.789 ug/l	99
14) Allyl chloride	4.49	41	34141	4.637 ug/l	97
15) Acrylonitrile	5.18	53	33702	25.699 ug/l	98
16) Acetone	3.96	43	28376	24.919 ug/l	91
17) Carbon Disulfide	4.20	76	66423	4.930 ug/l	97
18) Methyl Acetate	4.49	43	17455	5.690 ug/l	99
19) Methyl tert-butyl Ether	5.23	73	59803	4.865 ug/l	99
20) Methylene Chloride	4.72	84	49430	7.777 ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	23185	4.861 ug/l	98
22) Diisopropyl ether	6.13	45	76366	4.840 ug/l	98
23) Vinyl Acetate	6.07	43	249232	23.624 ug/l	99
24) 1,1-Dichloroethane	6.03	63	41855	4.856 ug/l	99
25) 2-Butanone	6.99	43	46745	25.842 ug/l	90
26) 2,2-Dichloropropane	6.99	77	40753	5.204 ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	26833	5.016 ug/l	98
28) Bromochloromethane	7.34	49	18419	4.802 ug/l #	99
29) Tetrahydrofuran	7.35	42	30627	25.461 ug/l	99
30) Chloroform	7.51	83	42195	4.941 ug/l	97
31) Cyclohexane	7.78	56	47431	5.586 ug/l #	91
32) 1,1,1-Trichloroethane	7.71	97	38570	4.948 ug/l	98
36) 1,1-Dichloropropene	7.93	75	33838	4.886 ug/l	98
37) Ethyl Acetate	7.07	43	21716	5.215 ug/l #	79
38) Carbon Tetrachloride	7.90	117	35402	4.913 ug/l	96

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 Data File : VY002999.D
 Acq On : 29 Jun 2020 11:08
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 29 17:29:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	41762	4.863	ug/l	96
40) Benzene	8.16	78	91850	4.844	ug/l	96
41) Methacrylonitrile	7.36	41	29493	5.774	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	29408	4.903	ug/l	99
43) Isopropyl Acetate	8.28	43	38860	4.909	ug/l	98
44) Trichloroethene	8.94	130	27241	4.943	ug/l	96
45) 1,2-Dichloropropane	9.22	63	24917	4.885	ug/l	92
46) Dibromomethane	9.30	93	14326	5.028	ug/l	96
47) Bromodichloromethane	9.50	83	34641	4.966	ug/l	93
48) Methyl methacrylate	9.30	41	17332	4.810	ug/l	98
49) 1,4-Dioxane	9.30	88	3602	103.569	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	101555	24.821	ug/l	99
52) Toluene	10.24	92	59123	4.953	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	35011	4.787	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	40765	4.873	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	19263	4.866	ug/l	92
56) Ethyl methacrylate	10.51	69	26838	4.683	ug/l	98
57) 1,3-Dichloropropane	10.79	76	34658	4.987	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	75366	25.641	ug/l	96
59) 2-Hexanone	10.83	43	69773	24.397	ug/l	99
60) Dibromochloromethane	10.99	129	25296	4.993	ug/l	98
61) 1,2-Dibromoethane	11.09	107	19847	5.085	ug/l	97
64) Tetrachloroethene	10.72	164	27053	4.842	ug/l	98
65) Chlorobenzene	11.52	112	63614	4.887	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	24528	4.826	ug/l	97
67) Ethyl Benzene	11.59	91	114864	4.823	ug/l	98
68) m/p-Xylenes	11.70	106	84786	9.566	ug/l	100
69) o-Xylene	12.03	106	40258	4.820	ug/l	96
70) Styrene	12.04	104	67043	4.699	ug/l	99
71) Bromoform	12.20	173	16421	4.845	ug/l #	99
73) Isopropylbenzene	12.33	105	108163	4.732	ug/l	100
74) N-amyl acetate	12.14	43	35114	4.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	23491	5.093	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	32254	5.403	ug/l #	100
77) Bromobenzene	12.61	156	29236	4.989	ug/l	95
78) n-propylbenzene	12.67	91	130114	4.734	ug/l	100
79) 2-Chlorotoluene	12.75	91	72529	4.727	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	89677	4.676	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	8089	4.553	ug/l	90
82) 4-Chlorotoluene	12.86	91	74991	4.694	ug/l	99
83) tert-Butylbenzene	13.08	119	80568	4.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	91629	4.741	ug/l	99
85) sec-Butylbenzene	13.25	105	111180	4.790	ug/l	100
86) p-Isopropyltoluene	13.37	119	100328	4.664	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	51818	4.736	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	51695	4.792	ug/l	92
89) n-Butylbenzene	13.70	91	97309	4.728	ug/l	100
90) Hexachloroethane	13.96	117	20364	4.768	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	46468	4.734	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4140	5.070	ug/l	97

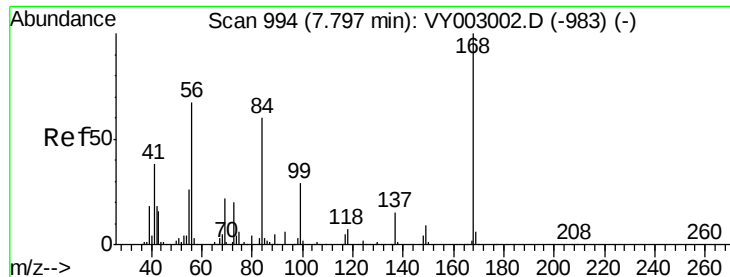
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY002999.D
Acq On : 29 Jun 2020 11:08
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 29 17:29:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:26:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	34997	4.798	ug/l	98
94) Hexachlorobutadiene	15.11	225	22651	4.923	ug/l	98
95) Naphthalene	15.23	128	65804	4.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	30779	4.860	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

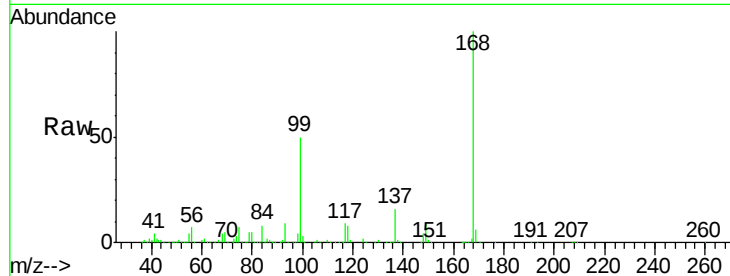
VSTDIC005

Tgt Ion:168 Resp: 486126

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002999.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002999.D (-945) (-)

7.80

250000

200000

150000

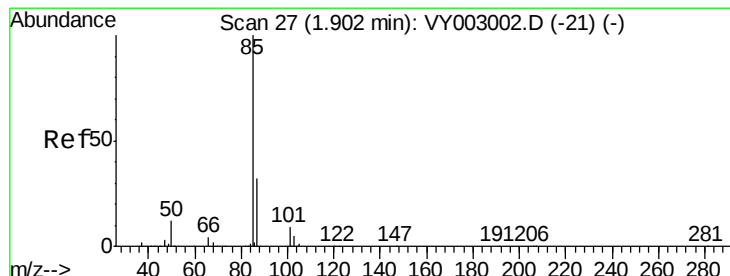
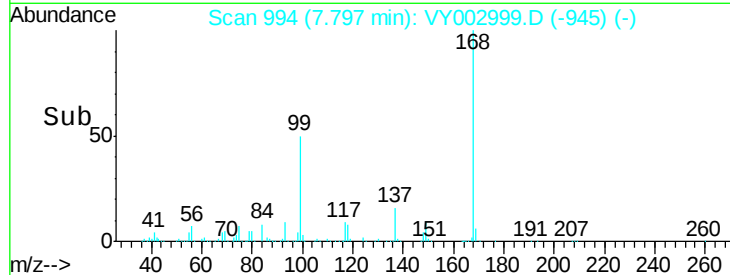
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 5.454 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY002999.D

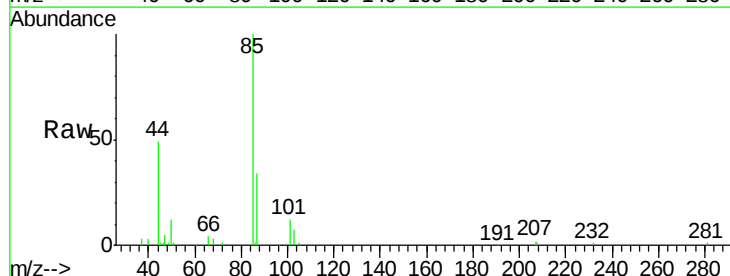
Acq: 29 Jun 2020 11:08

Tgt Ion: 85 Resp: 20079

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002999.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002999.D (-1) (-)

15000

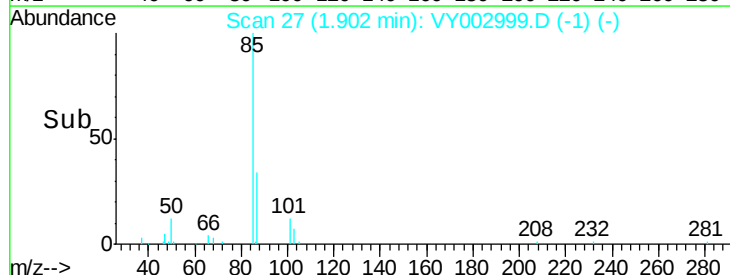
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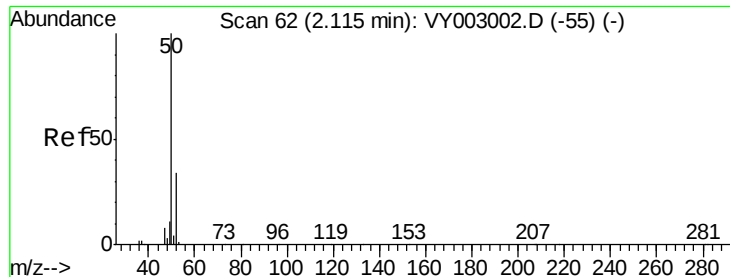
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 6.305 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

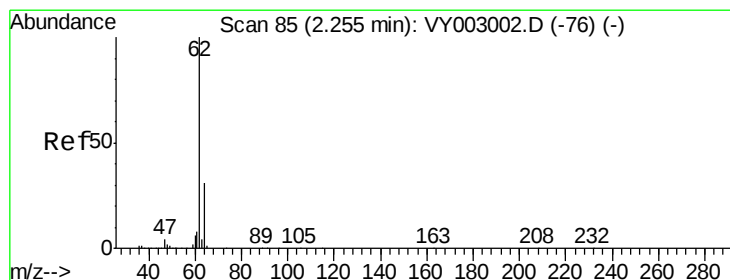
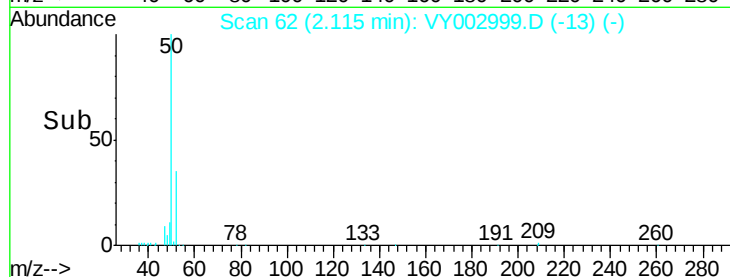
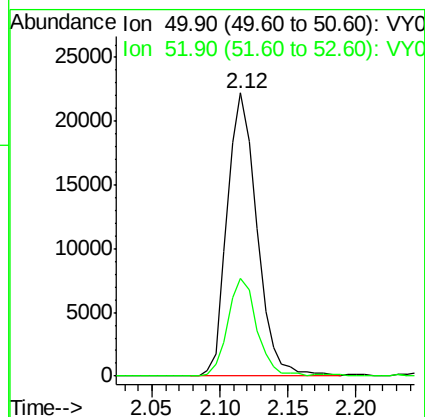
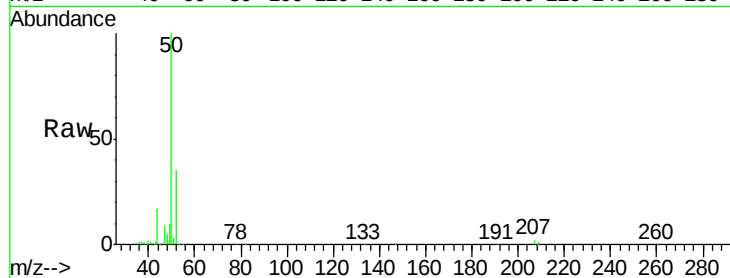
VSTDIC005

Tgt Ion: 50 Resp: 33994

Ion Ratio Lower Upper

50 100

52 34.6 26.9 40.3



#4

Vinyl Chloride

Concen: 4.916 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002999.D

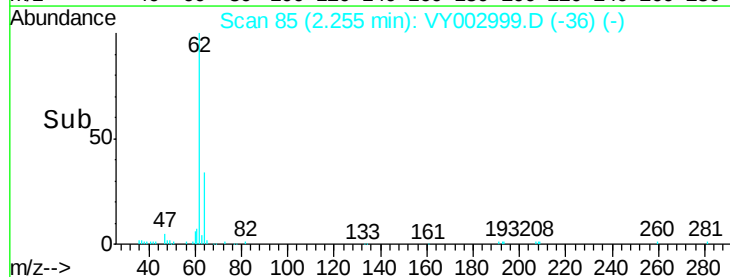
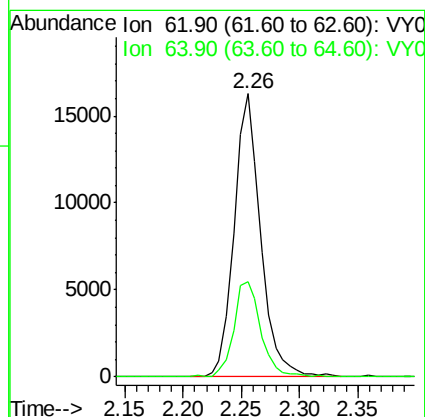
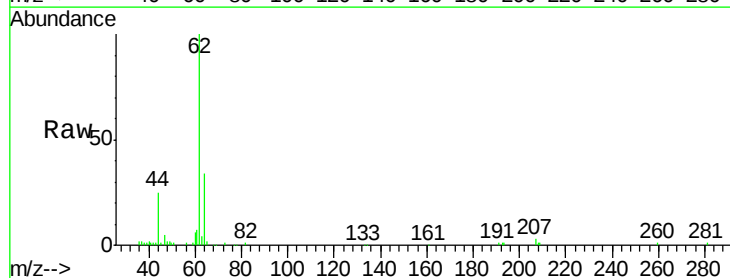
Acq: 29 Jun 2020 11:08

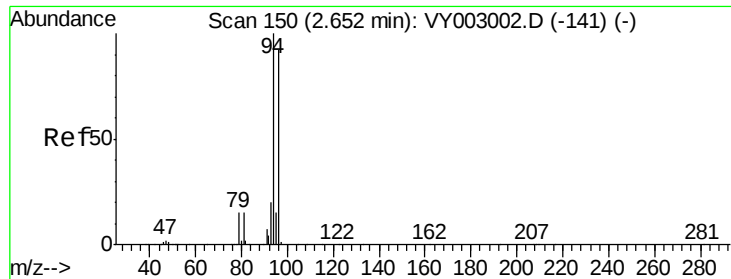
Tgt Ion: 62 Resp: 25850

Ion Ratio Lower Upper

62 100

64 33.8 24.4 36.6





#5

Bromomethane

Concen: 4.943 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

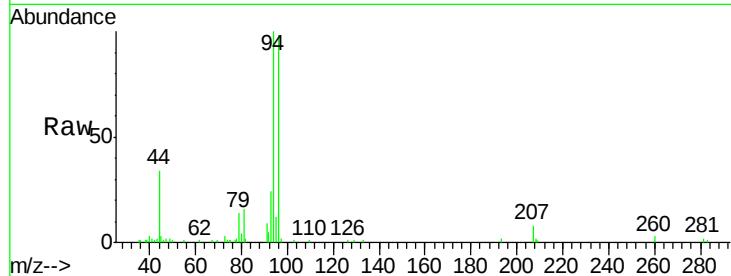
VSTDIC005

Tgt Ion: 94 Resp: 17649

Ion Ratio Lower Upper

94 100

96 97.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

10000

8000

6000

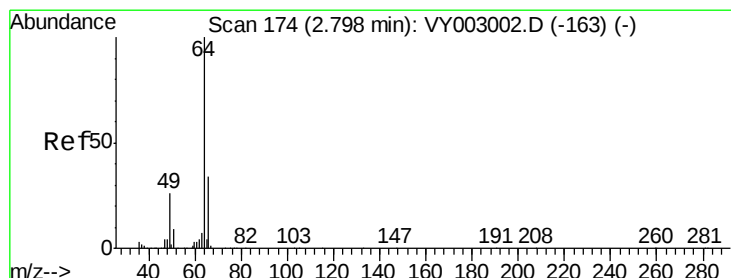
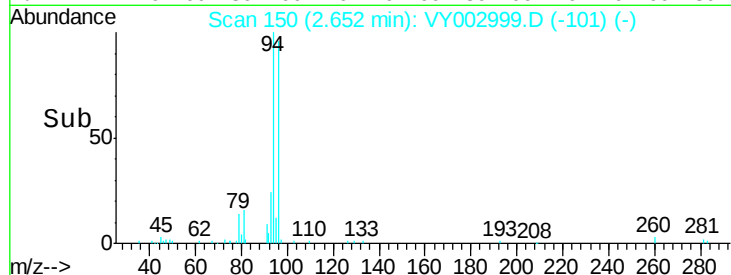
4000

2000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 5.000 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002999.D

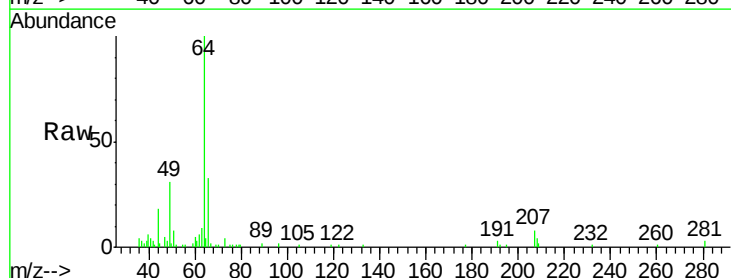
Acq: 29 Jun 2020 11:08

Tgt Ion: 64 Resp: 16727

Ion Ratio Lower Upper

64 100

66 33.5 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

8000

6000

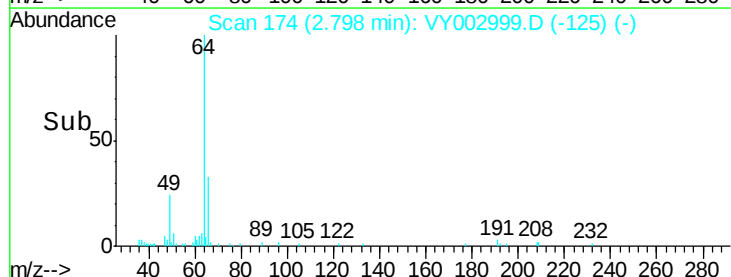
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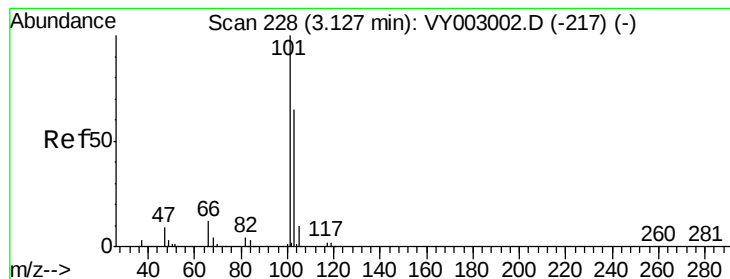
2000

0

Time-->

2.70 2.80 2.90



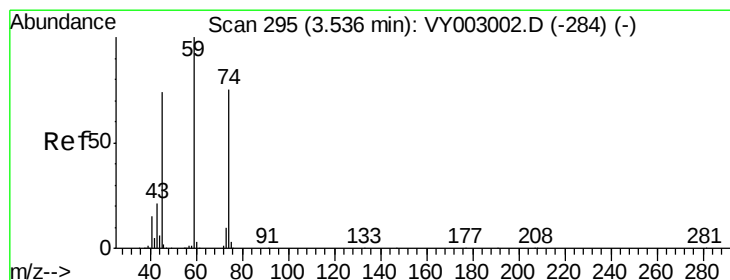
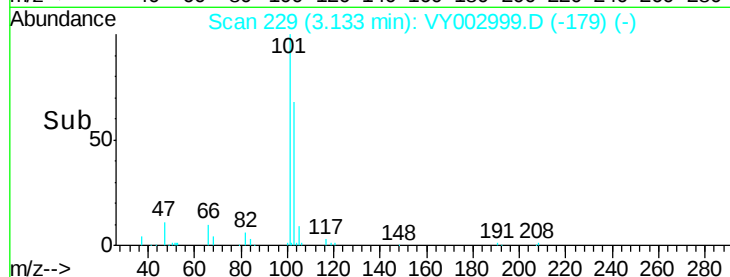
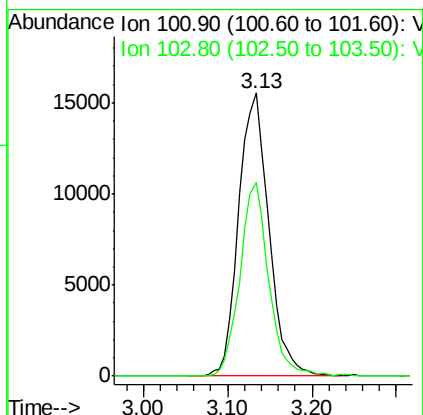
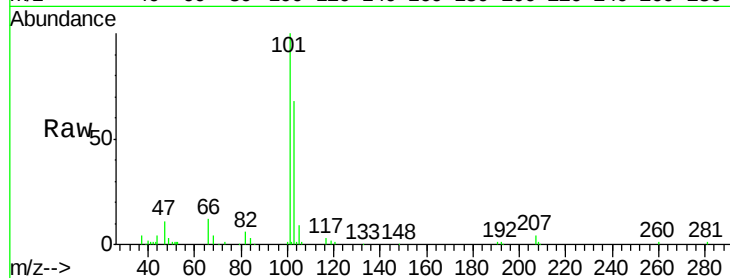


#7

Trichlorofluoromethane
Concen: 5.065 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

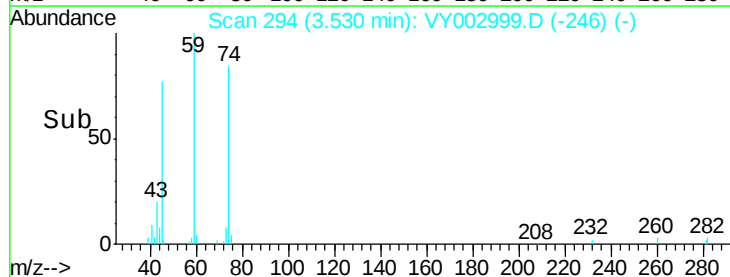
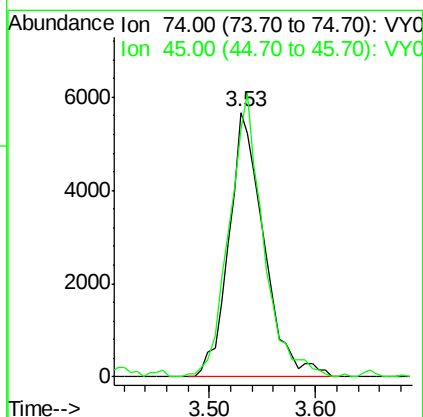
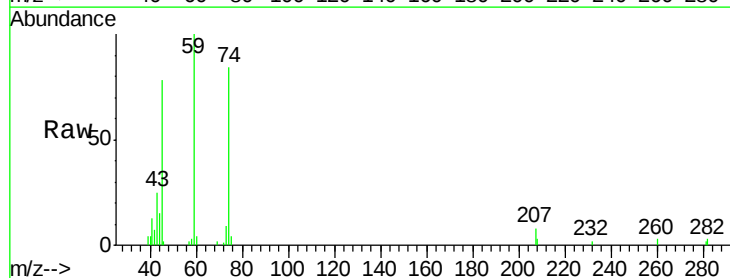
Tgt Ion: 101 Resp: 37595
Ion Ratio Lower Upper
101 100
103 68.4 51.6 77.4

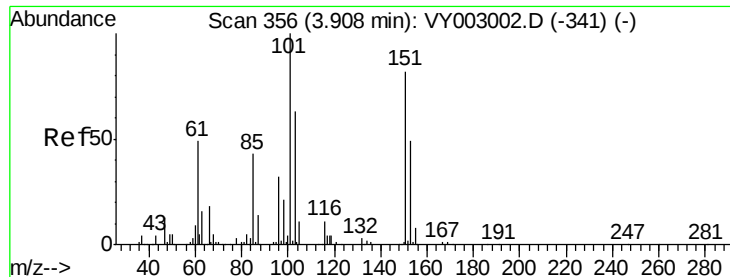


#8

Diethyl Ether
Concen: 5.138 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 74 Resp: 13075
Ion Ratio Lower Upper
74 100
45 104.1 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.980 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

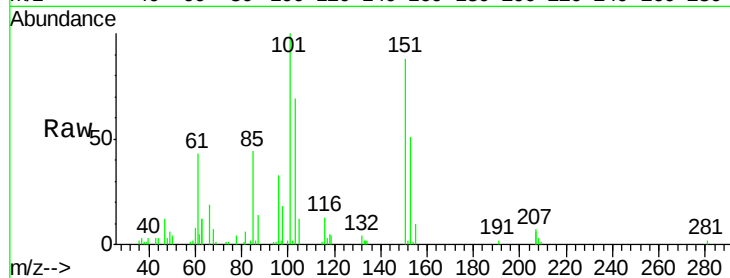
Tgt Ion:101 Resp: 22069

Ion Ratio Lower Upper

101 100

85 46.6 35.5 53.3

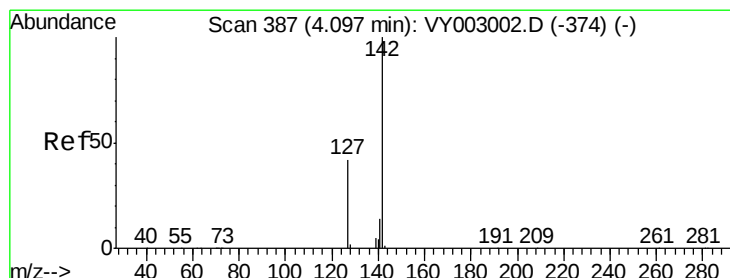
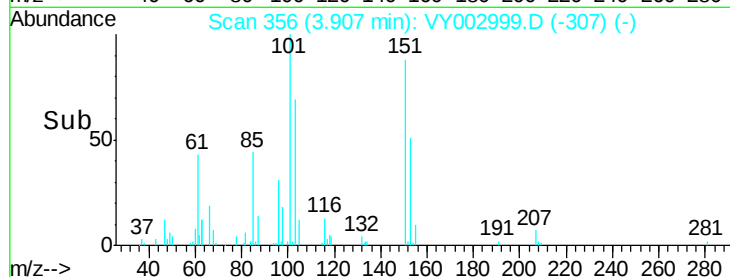
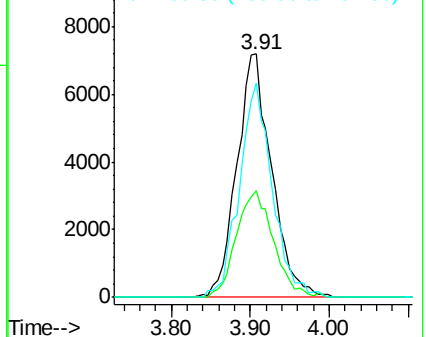
151 83.5 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.535 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

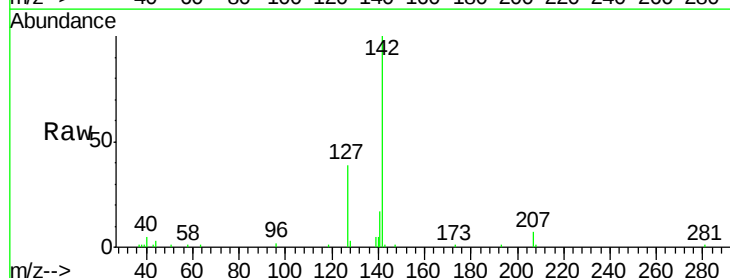
Tgt Ion:142 Resp: 24920

Ion Ratio Lower Upper

142 100

127 43.5 34.2 51.2

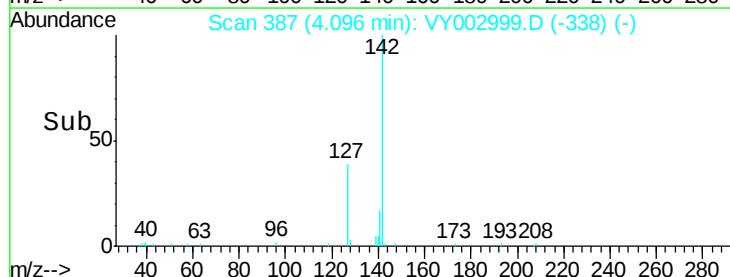
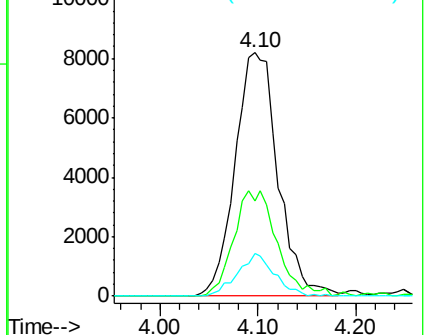
141 14.9 11.7 17.5

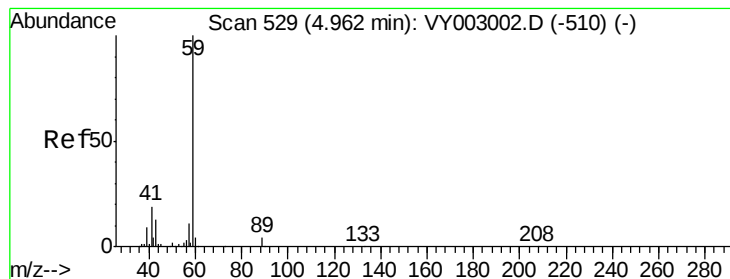


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



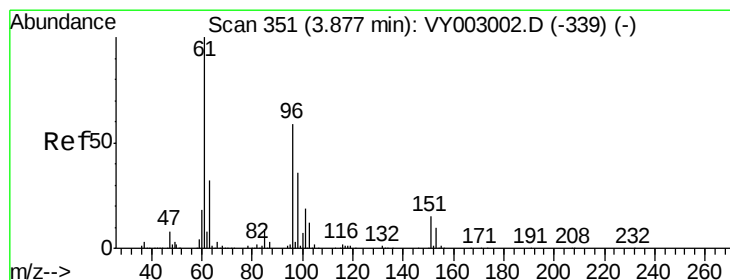
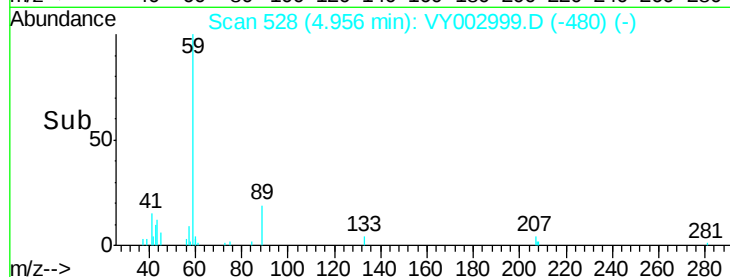
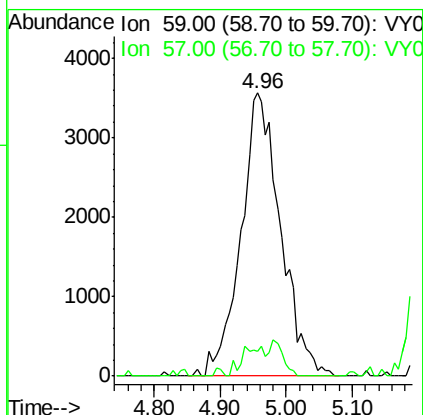
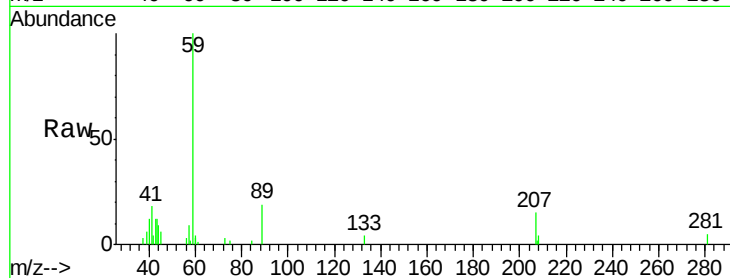


#11

Tert butyl alcohol
 Concen: 30.198 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

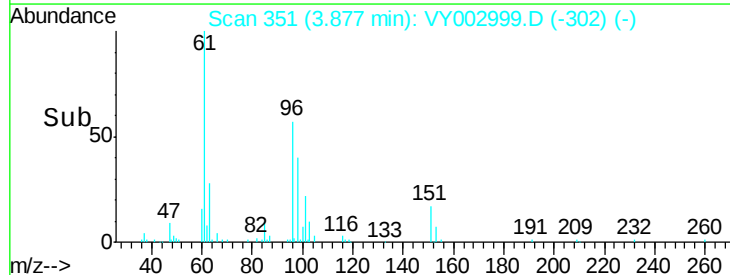
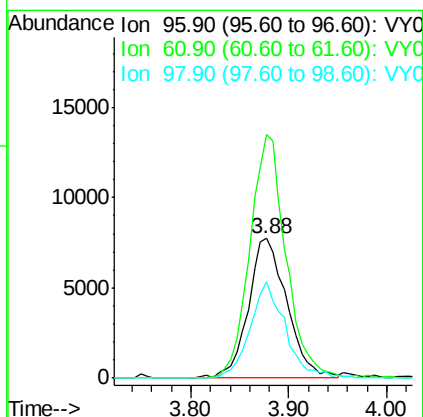
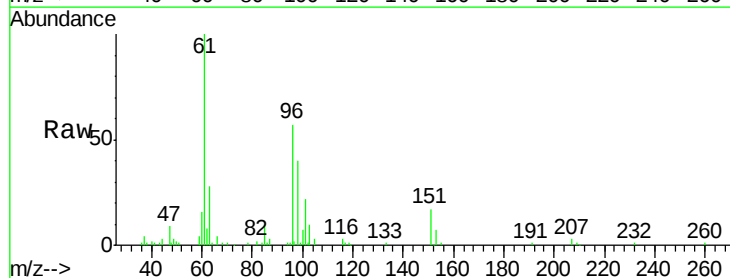
Tgt Ion: 59 Resp: 14859
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.0 12.0#

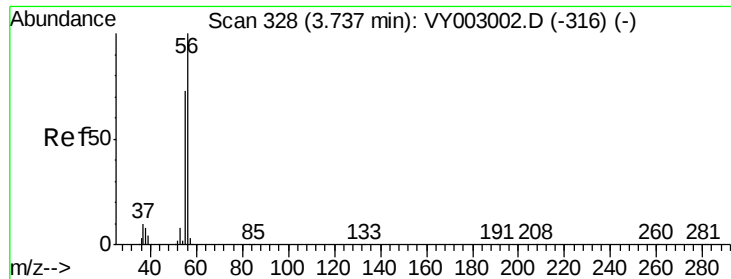


#12

1,1-Dichloroethene
 Concen: 5.070 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion: 96 Resp: 21378
 Ion Ratio Lower Upper
 96 100
 61 174.3 136.7 205.1
 98 69.0 49.7 74.5

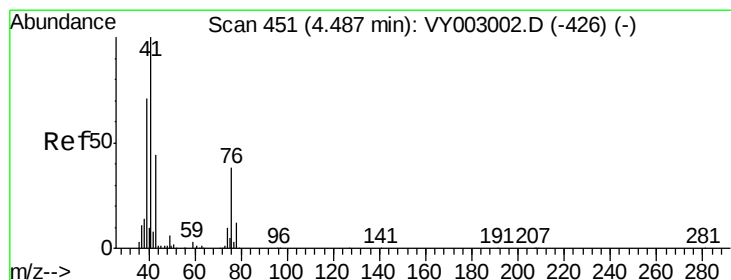
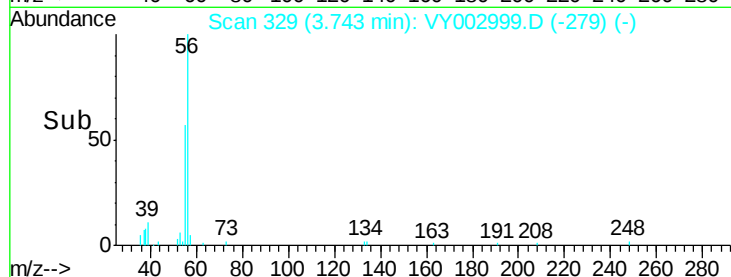
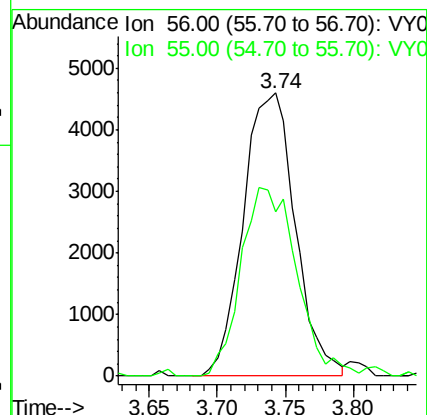
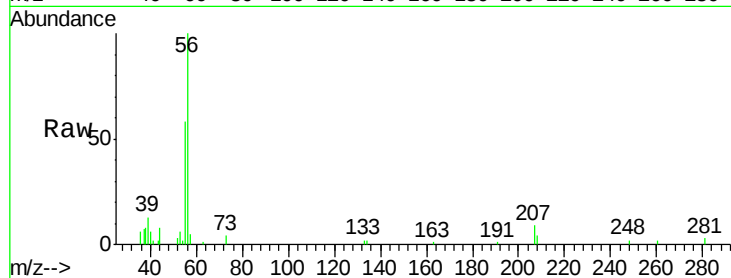




#13
Acrolein
Concen: 27.789 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

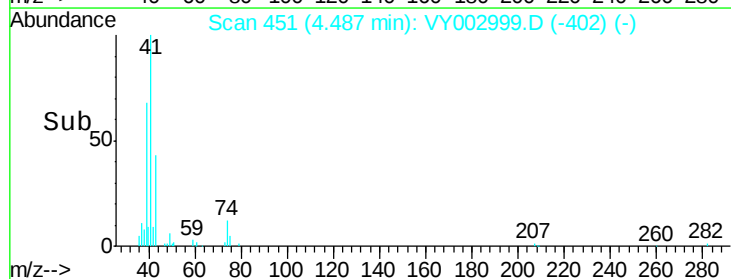
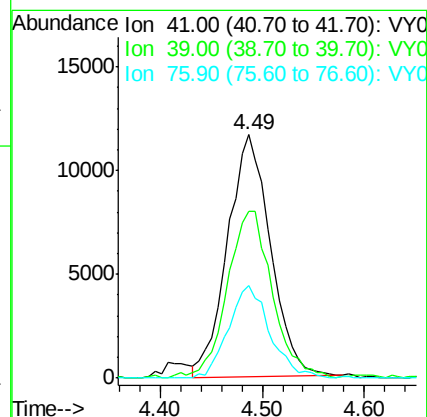
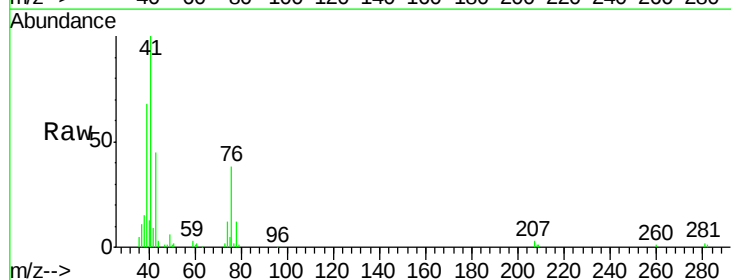
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

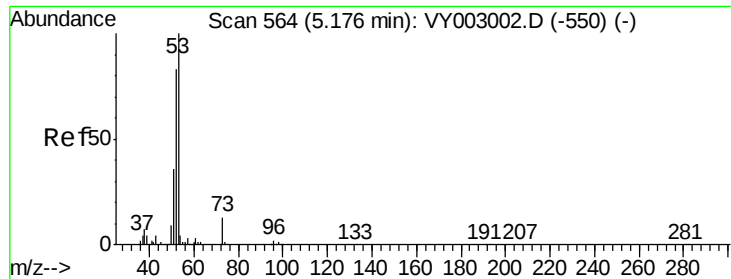
Tgt Ion: 56 Resp: 12281
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6



#14
Allyl chloride
Concen: 4.637 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 41 Resp: 34141
Ion Ratio Lower Upper
41 100
39 72.7 55.6 83.4
76 36.8 28.6 43.0





#15

Acrylonitrile

Concen: 25.699 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

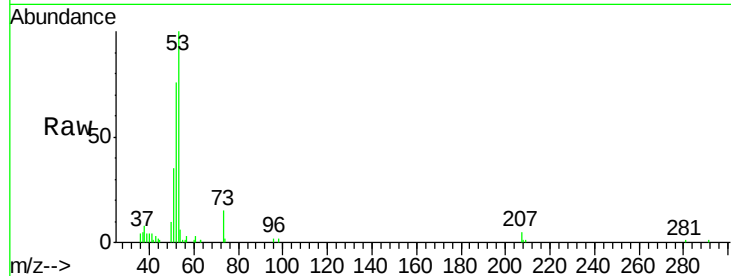
Tgt Ion: 53 Resp: 33702

Ion Ratio Lower Upper

53 100

52 81.2 66.2 99.2

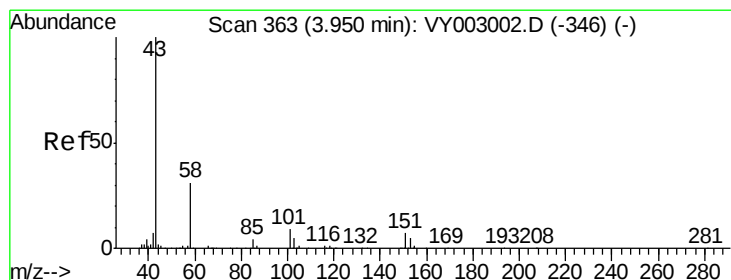
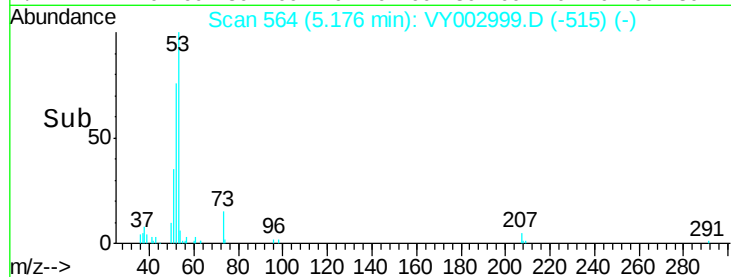
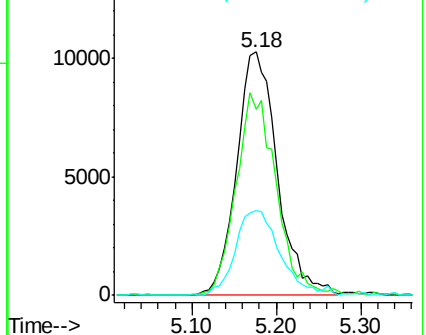
51 38.3 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY002999.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002999.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002999.D (-515) (-)



#16

Acetone

Concen: 24.919 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY002999.D

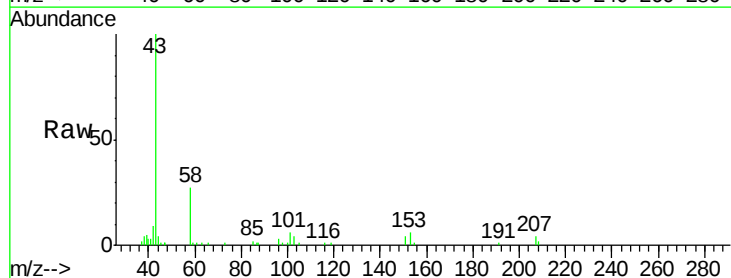
Acq: 29 Jun 2020 11:08

Tgt Ion: 43 Resp: 28376

Ion Ratio Lower Upper

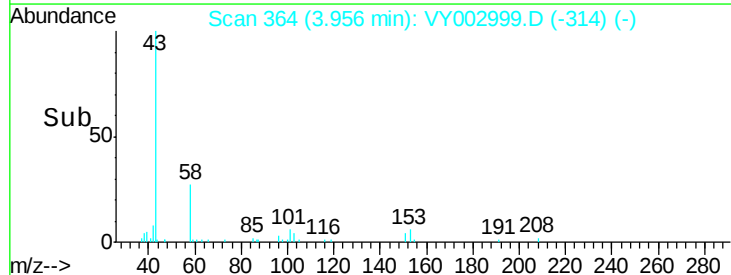
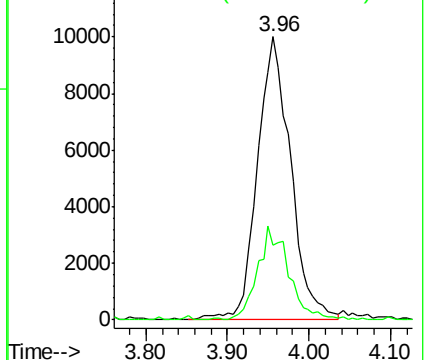
43 100

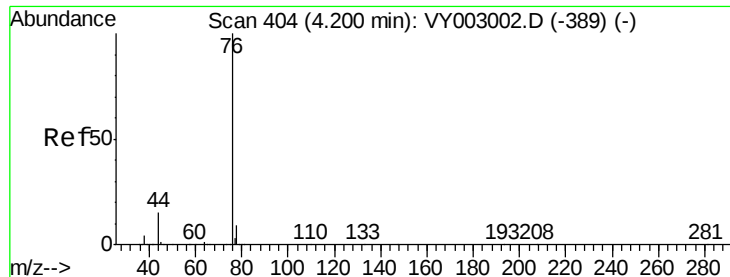
58 25.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY002999.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY002999.D (-314) (-)

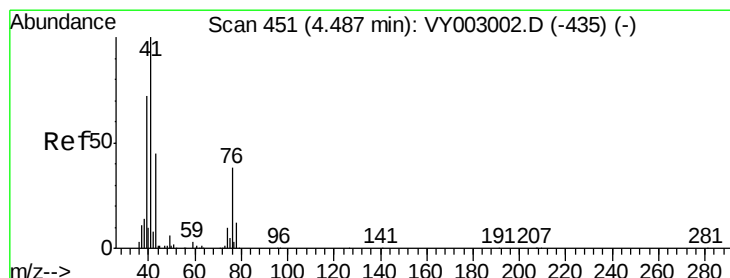
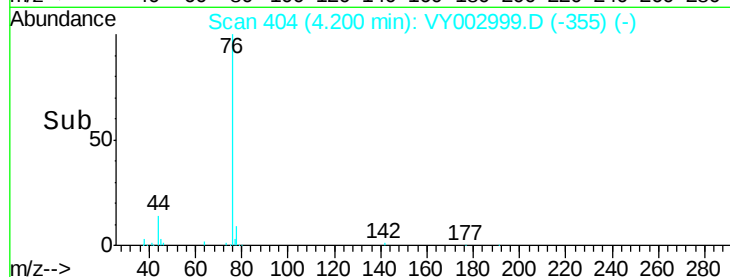
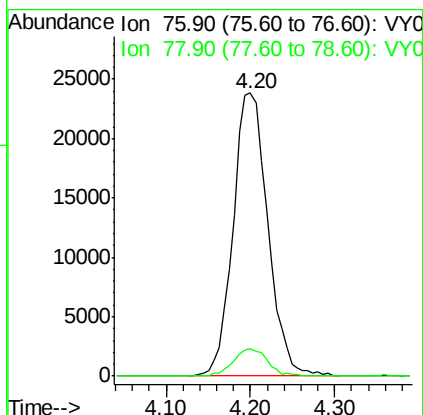
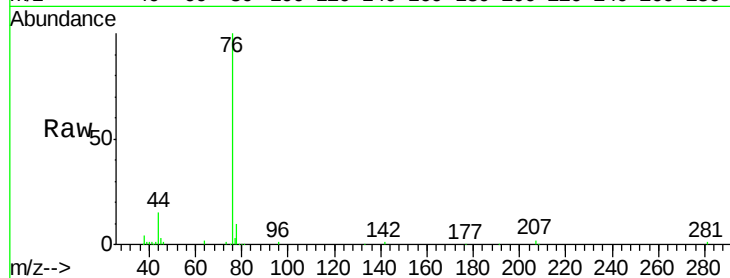




#17
Carbon Disulfide
Concen: 4.930 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

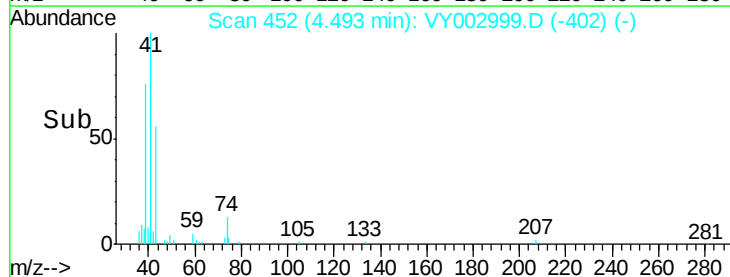
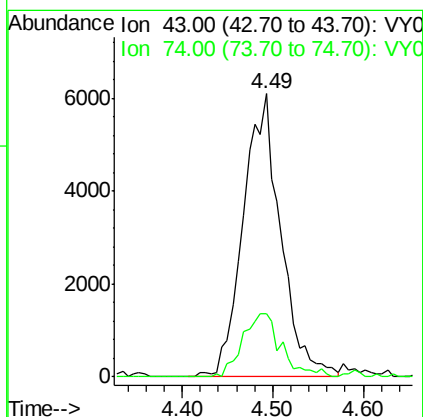
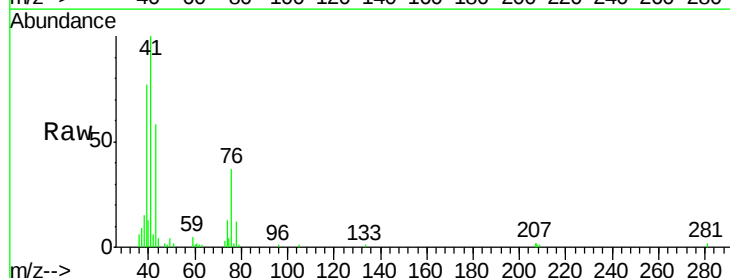
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

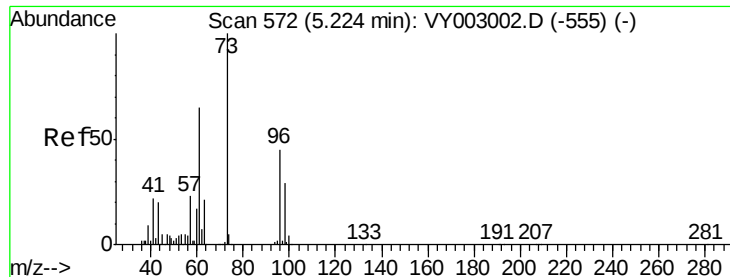
Tgt Ion: 76 Resp: 66423
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 5.690 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 43 Resp: 17455
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 4.865 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

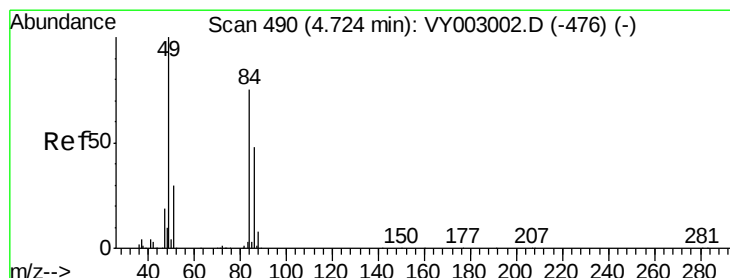
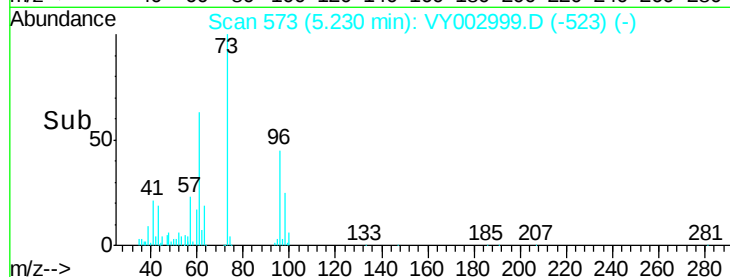
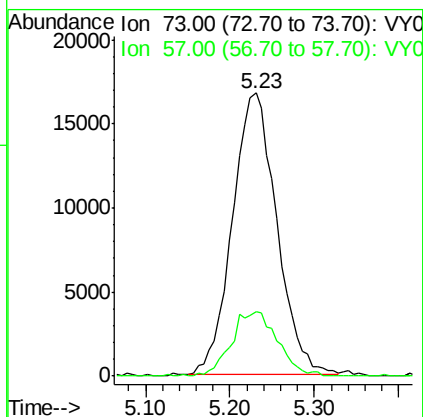
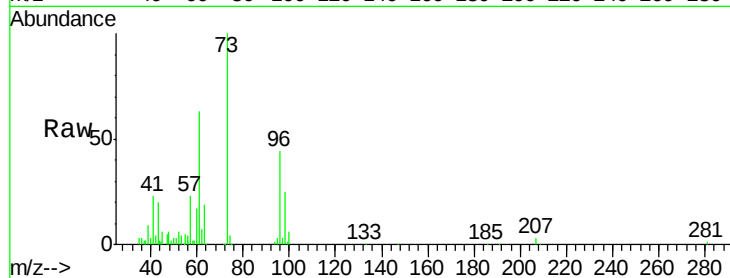
VSTDIC005

Tgt Ion: 73 Resp: 59803

Ion Ratio Lower Upper

73 100

57 23.1 18.2 27.2



#20

Methylene Chloride

Concen: 7.777 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Tgt Ion: 84 Resp: 49430

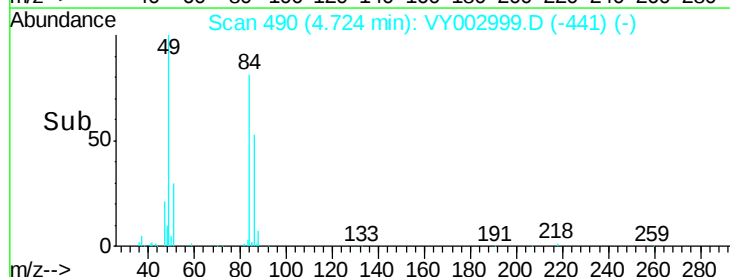
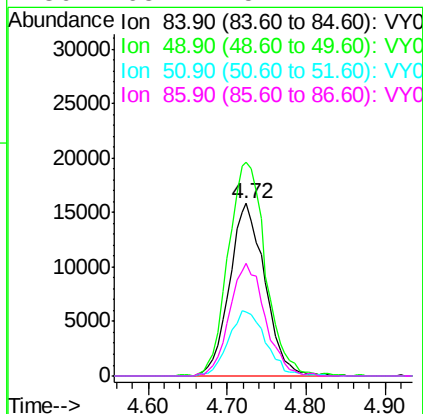
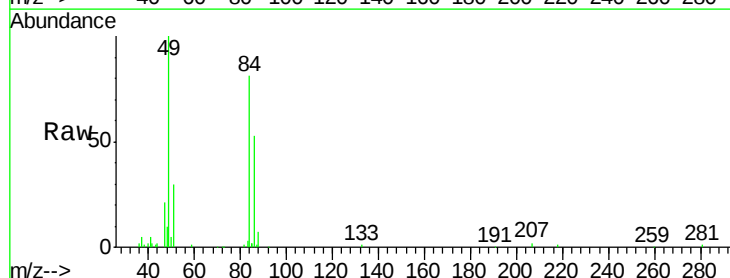
Ion Ratio Lower Upper

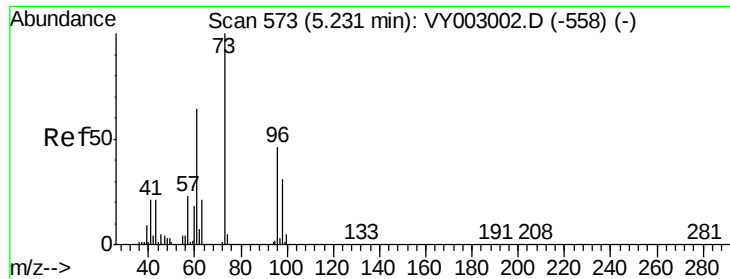
84 100

49 123.5 106.8 160.2

51 36.9 32.0 48.0

86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 4.861 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

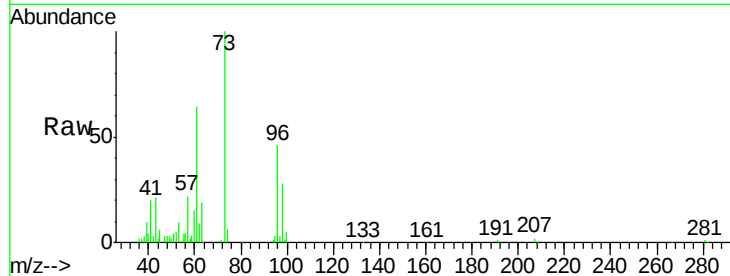
Tgt Ion: 96 Resp: 23185

Ion Ratio Lower Upper

96 100

61 140.8 112.3 168.5

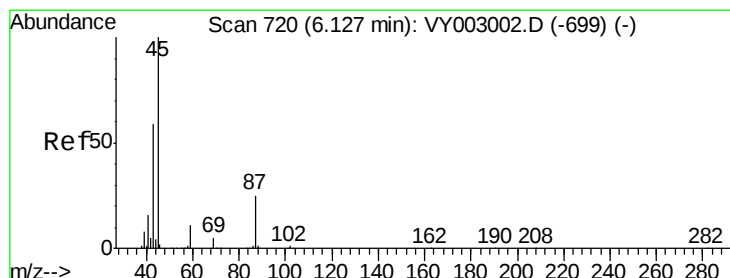
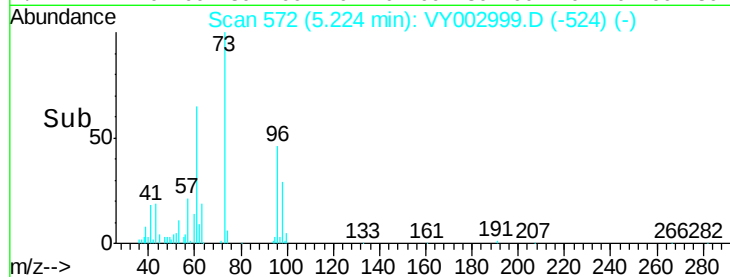
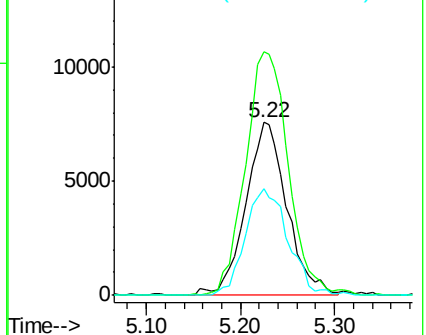
98 62.0 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 4.840 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Tgt Ion: 45 Resp: 76366

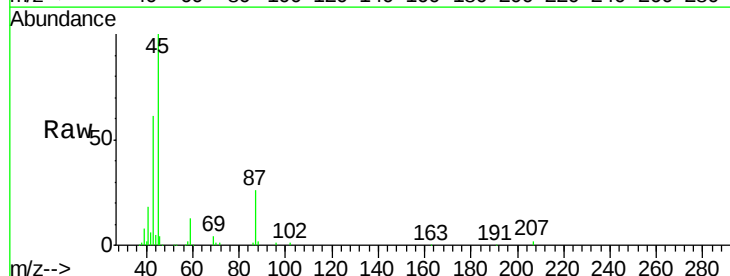
Ion Ratio Lower Upper

45 100

43 60.1 47.4 71.2

87 26.2 20.2 30.2

59 13.3 9.2 13.8

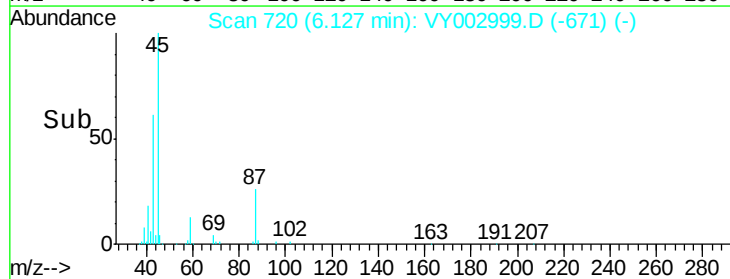
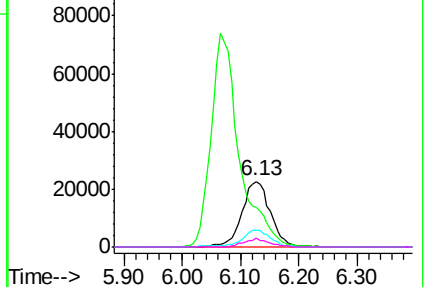


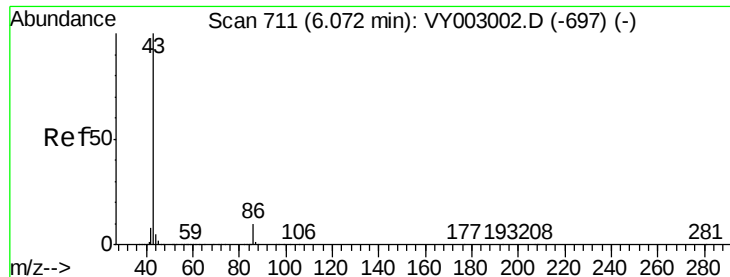
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 23.624 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

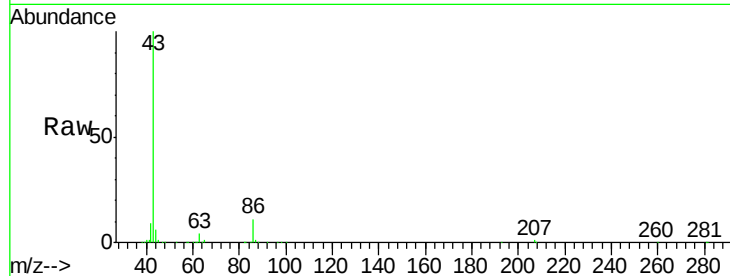
VSTDIC005

Tgt Ion: 43 Resp: 249232

Ion Ratio Lower Upper

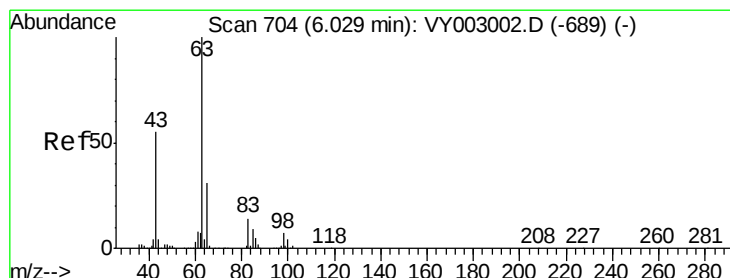
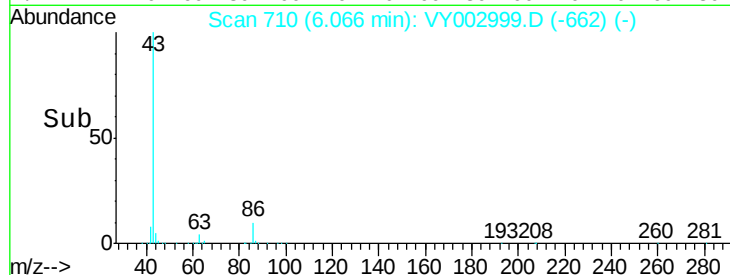
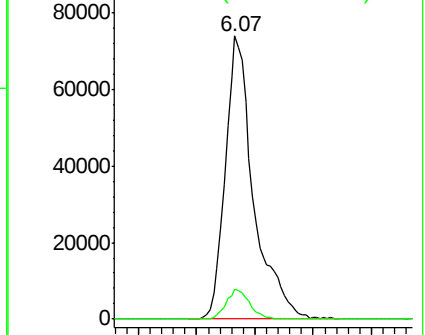
43 100

86 10.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 4.856 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

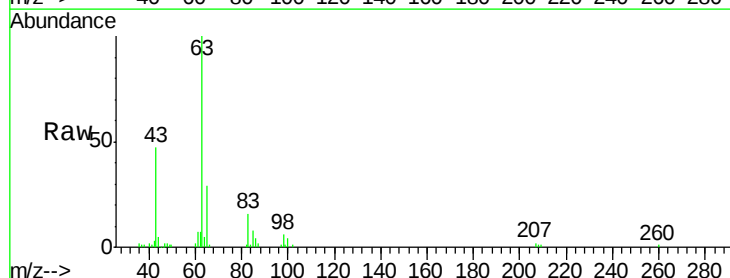
Tgt Ion: 63 Resp: 41855

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

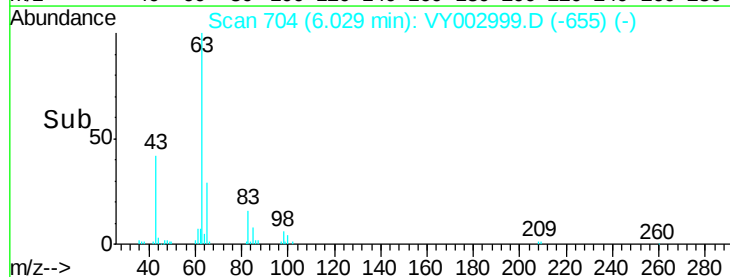
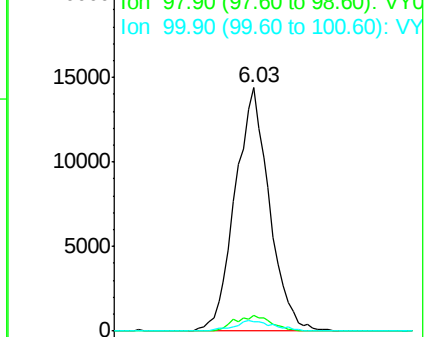
100 3.8 2.3 6.8

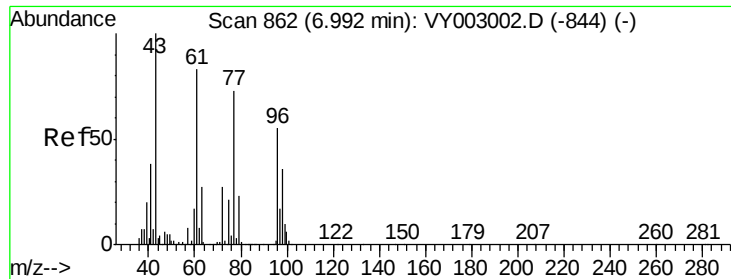


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 25.842 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

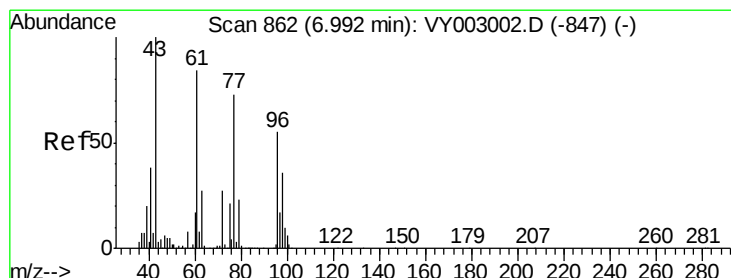
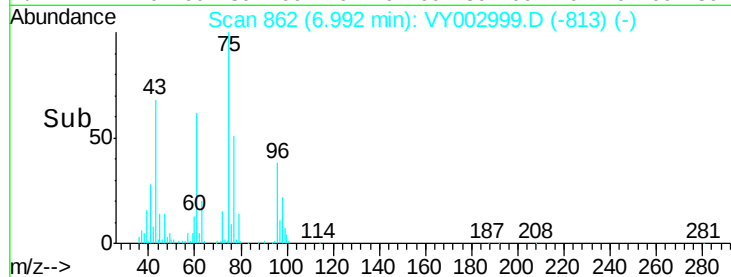
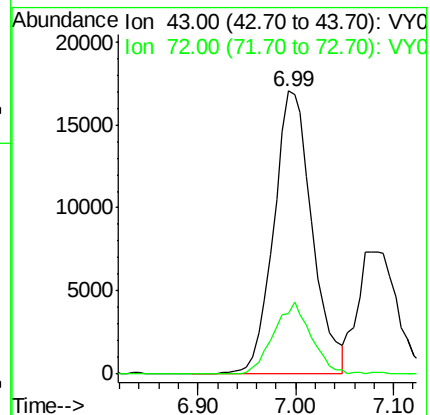
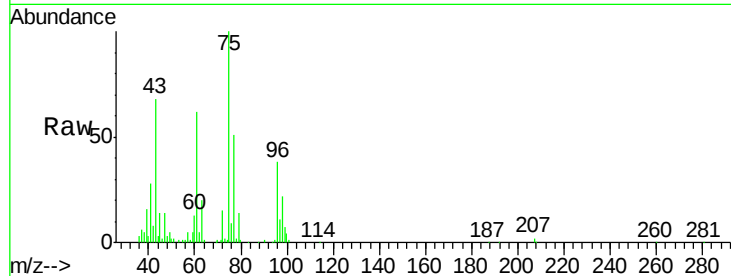
VSTDIC005

Tgt Ion: 43 Resp: 46745

Ion Ratio Lower Upper

43 100

72 21.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 5.204 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002999.D

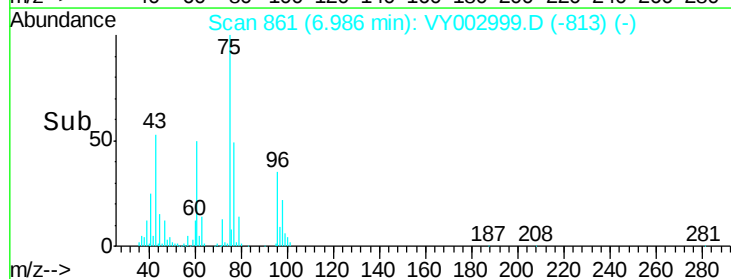
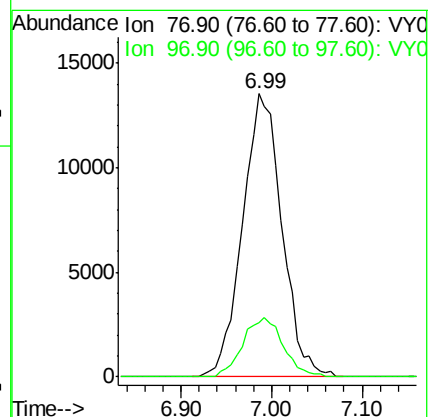
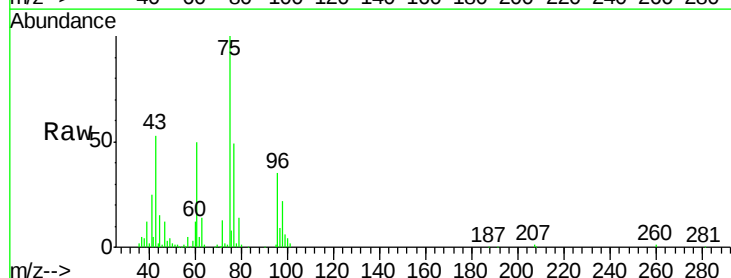
Acq: 29 Jun 2020 11:08

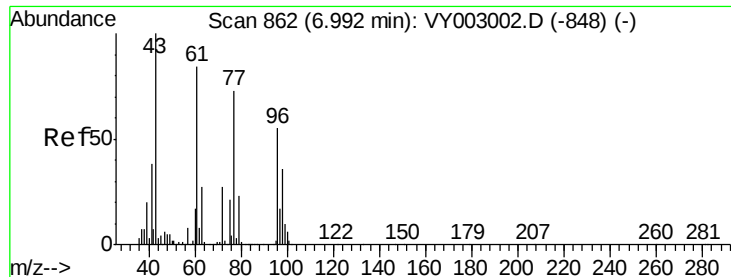
Tgt Ion: 77 Resp: 40753

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.9



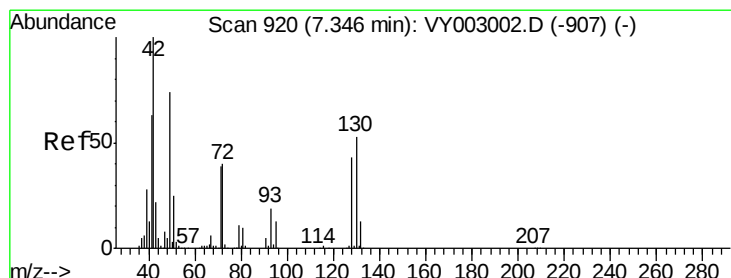
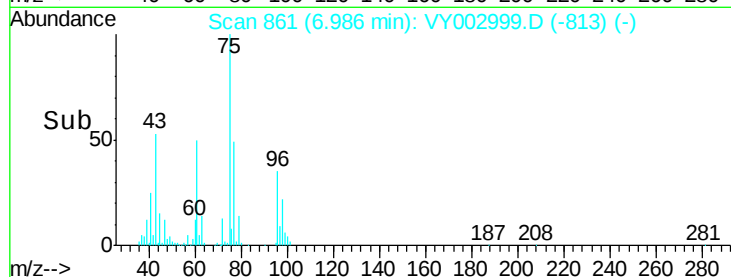
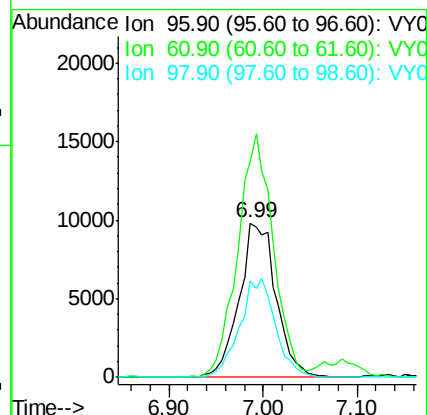
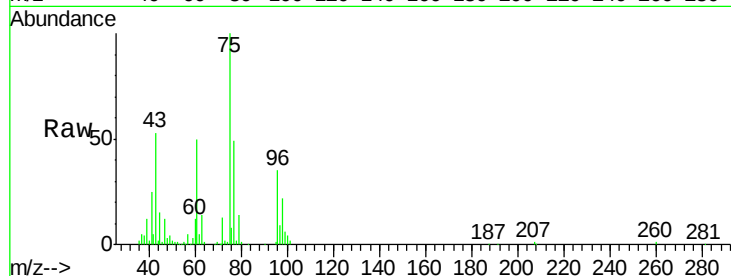


#27

cis-1,2-Dichloroethene
Concen: 5.016 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

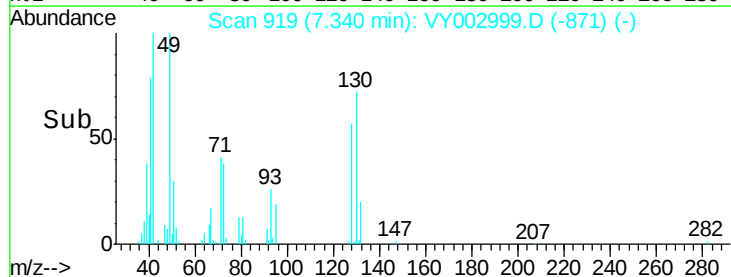
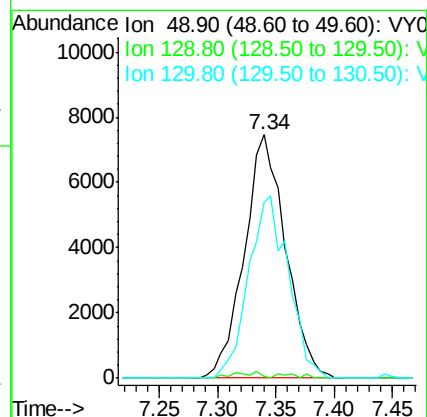
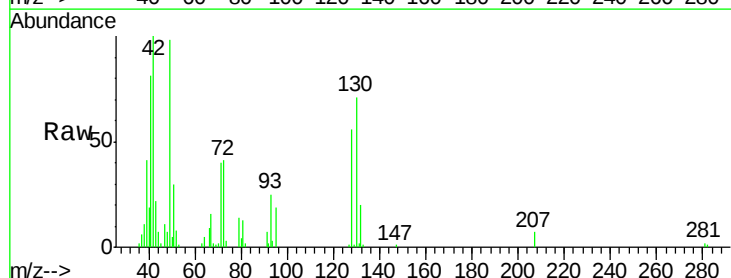
Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	301.2
98	61.9	0.0	129.0

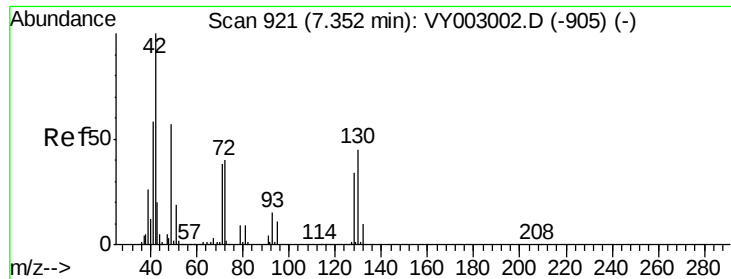


#28

Bromochloromethane
Concen: 4.802 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	71.8	57.0	85.6

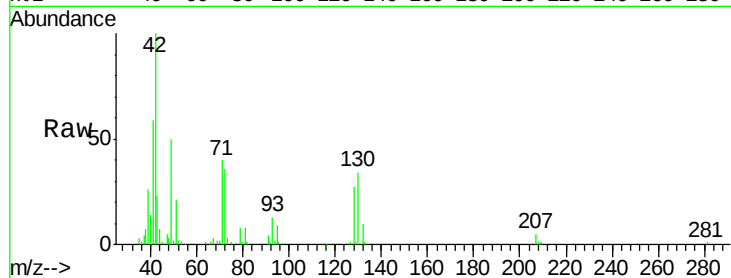




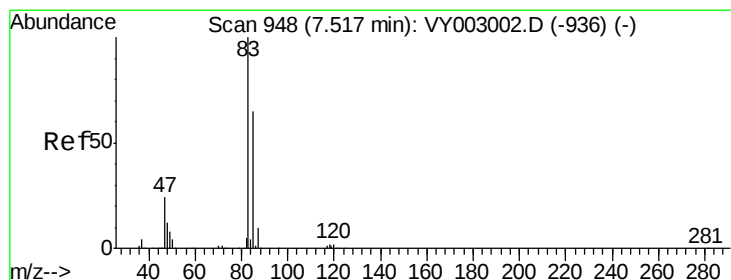
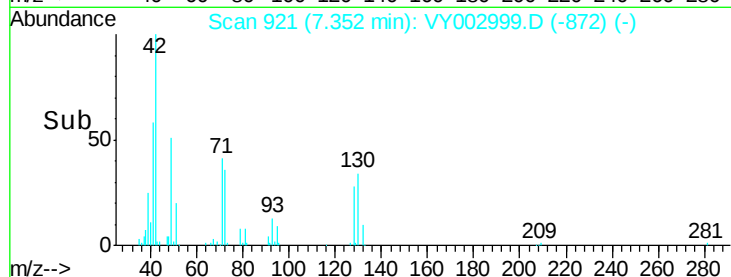
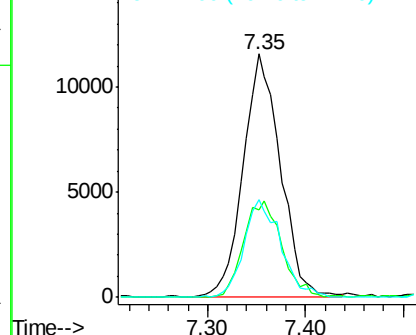
#29
Tetrahydrofuran
Concen: 25.461 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.9	49.3
71	39.7	31.2	46.8

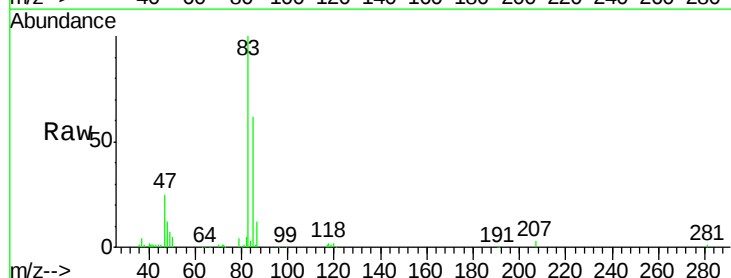


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

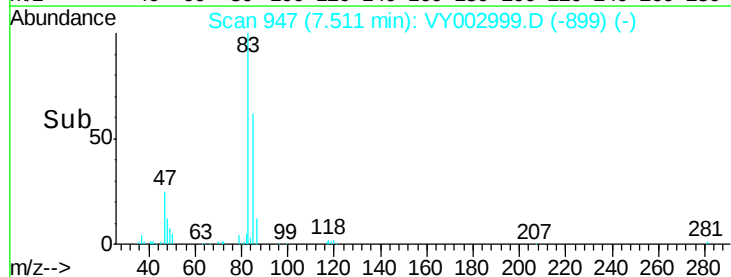
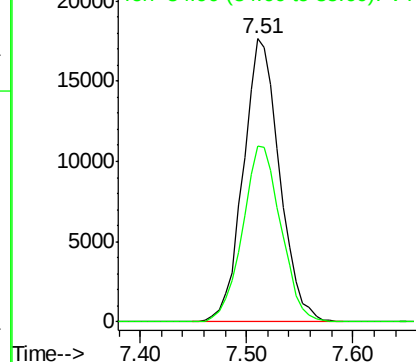


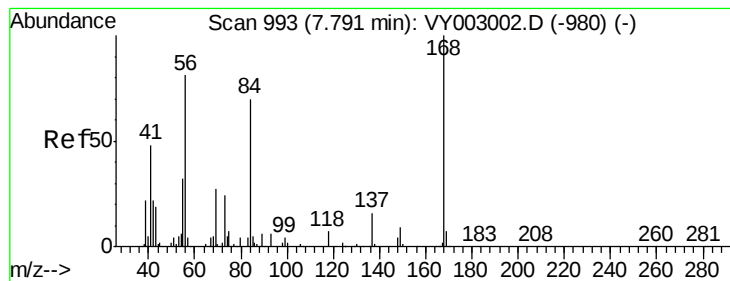
#30
Chloroform
Concen: 4.941 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.7	77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 5.586 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

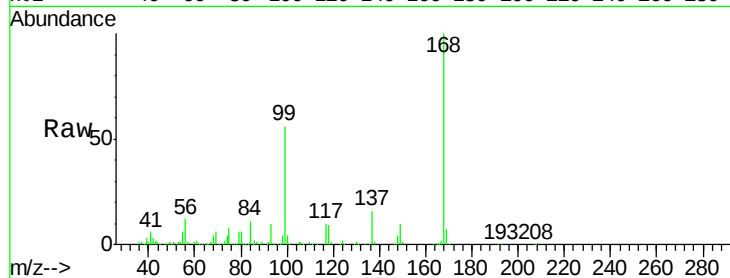
Tgt Ion: 56 Resp: 47431

Ion Ratio Lower Upper

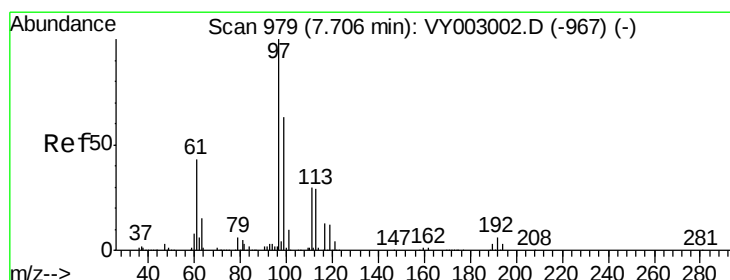
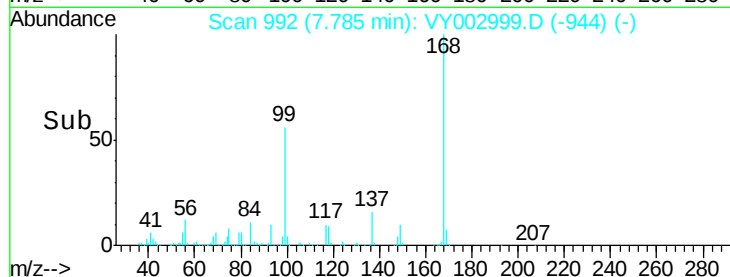
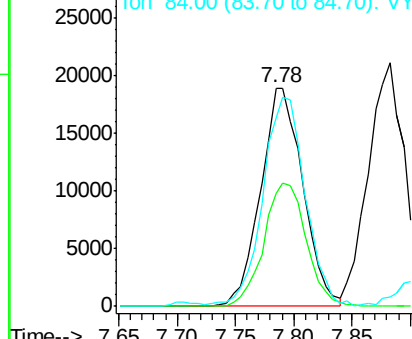
56 100

69 51.8 27.0 40.4#

84 85.2 68.1 102.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 4.948 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

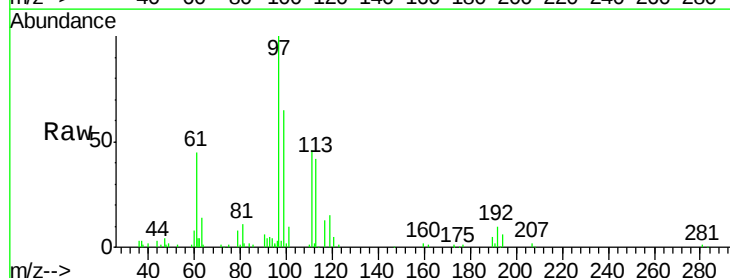
Tgt Ion: 97 Resp: 38570

Ion Ratio Lower Upper

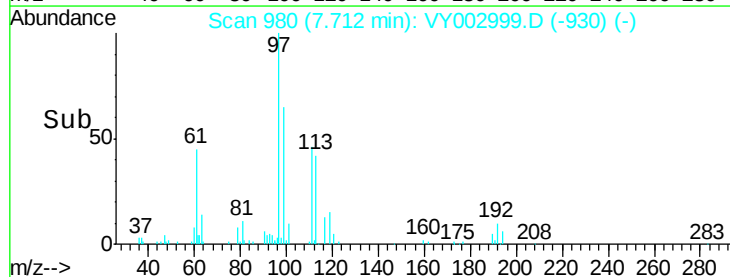
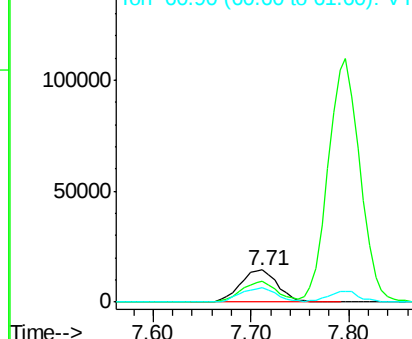
97 100

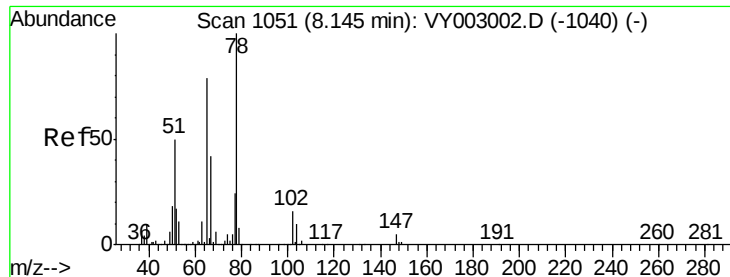
99 62.4 51.4 77.2

61 43.2 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

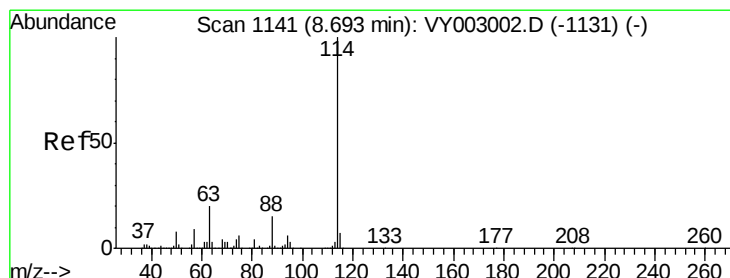
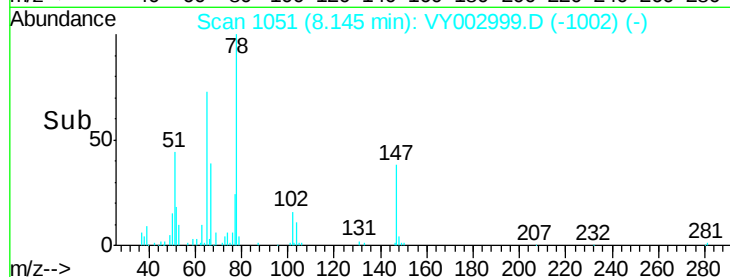
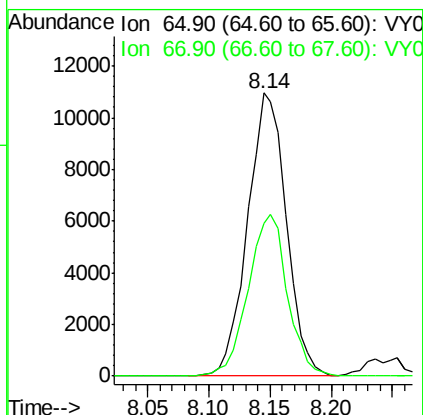
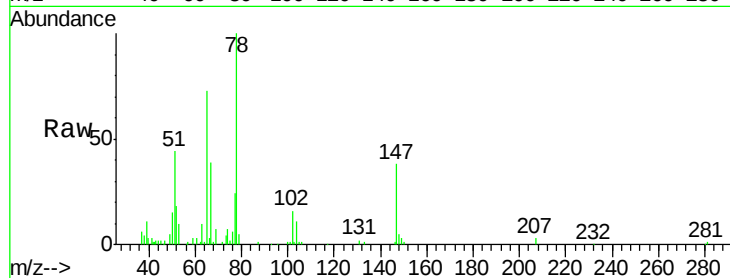




#33
 1,2-Dichloroethane-d4
 Concen: 5.000 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

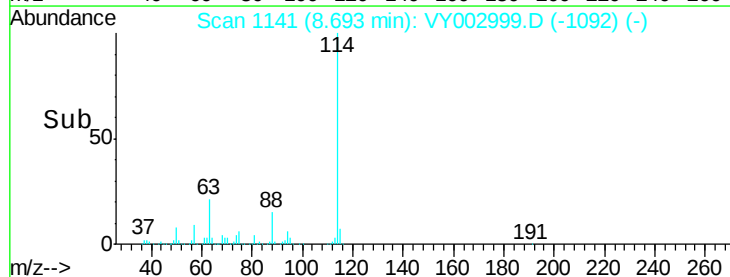
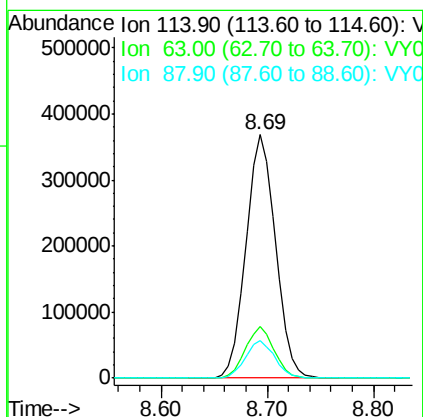
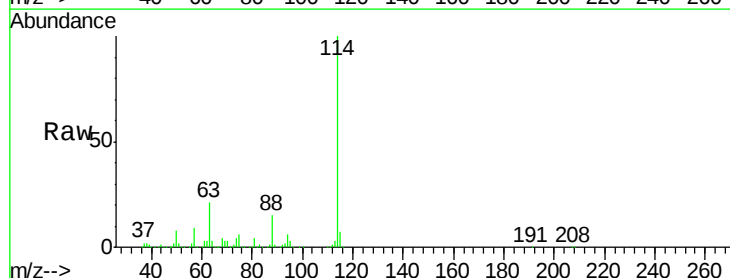
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

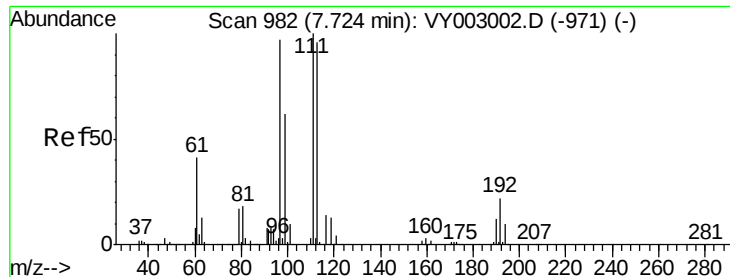
Tgt Ion: 65 Resp: 24139
 Ion Ratio Lower Upper
 65 100
 67 58.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion: 114 Resp: 719006
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.6
 88 15.4 0.0 30.0

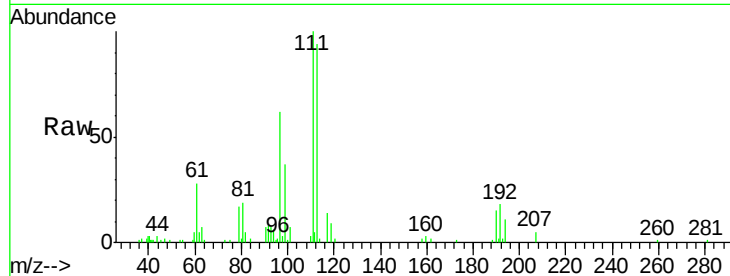




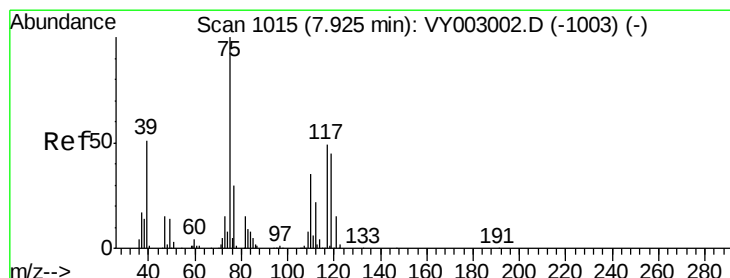
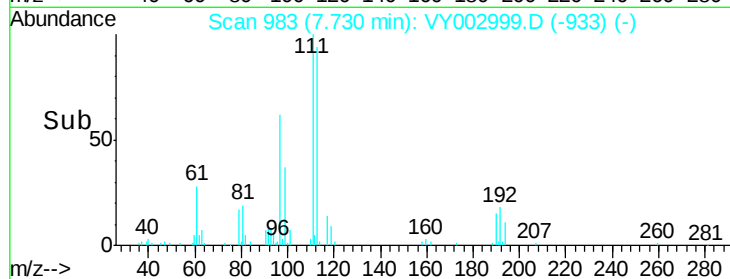
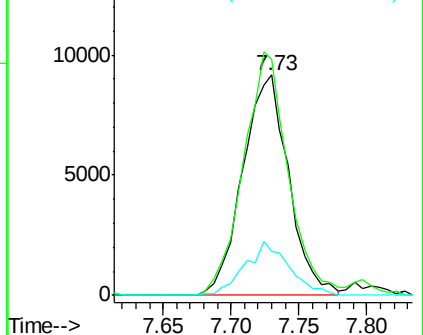
#35
 Dibromofluoromethane
 Concen: 4.841 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC005

Tgt Ion:113 Resp: 21714
 Ion Ratio Lower Upper
 113 100
 111 107.7 82.6 123.8
 192 23.4 18.1 27.1

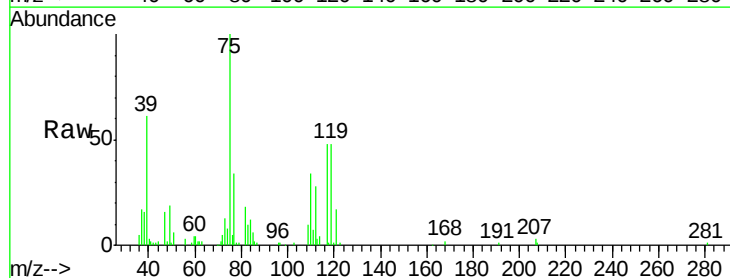


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

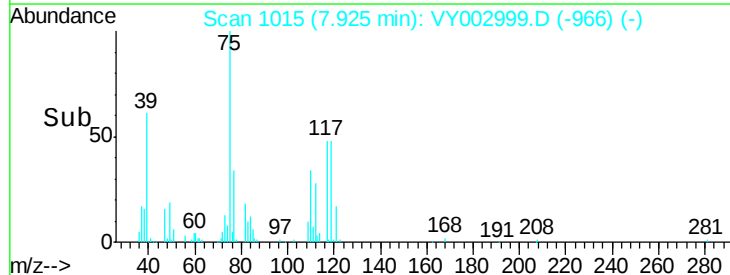
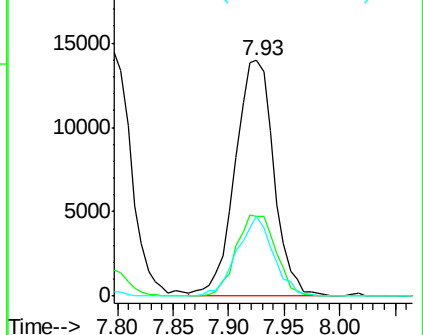


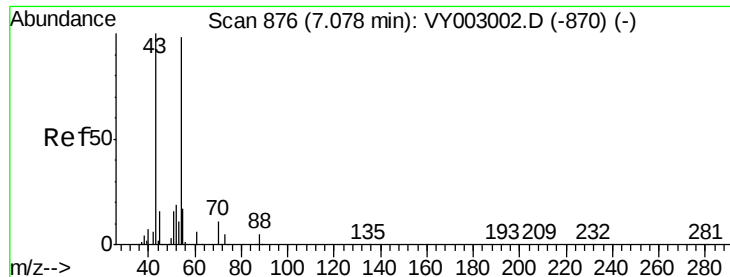
#36
 1,1-Dichloropropene
 Concen: 4.886 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion: 75 Resp: 33838
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.1 51.2
 77 31.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

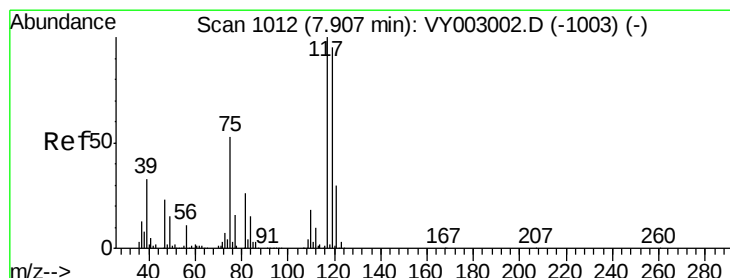
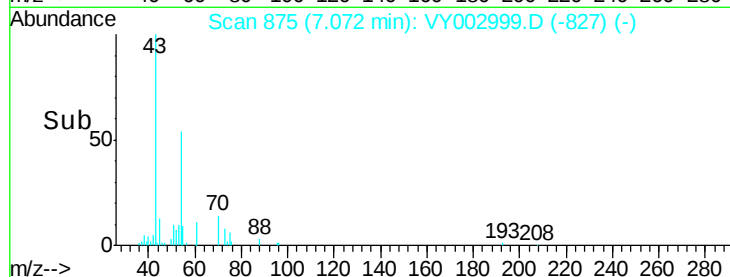
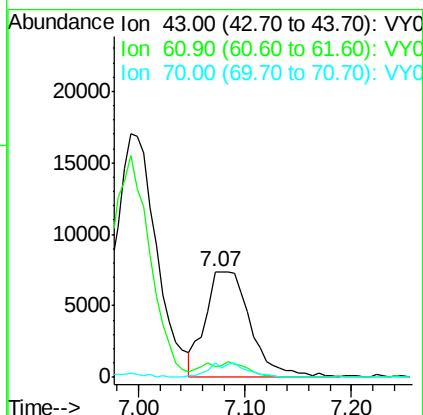
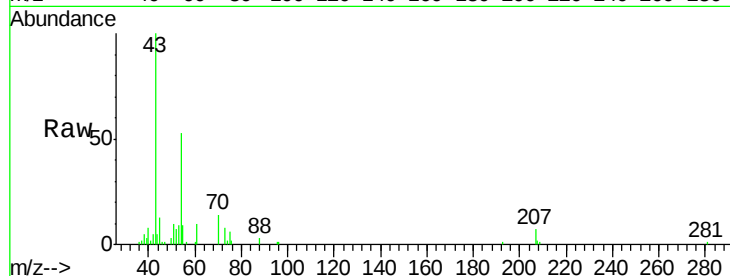




#37
Ethyl Acetate
Concen: 5.215 ug/l
RT: 7.07 min Scan# 875
Delta R.T. -0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

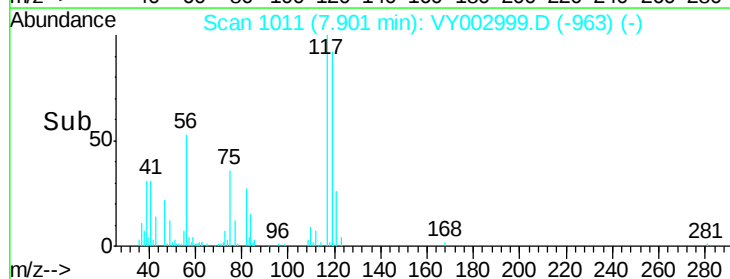
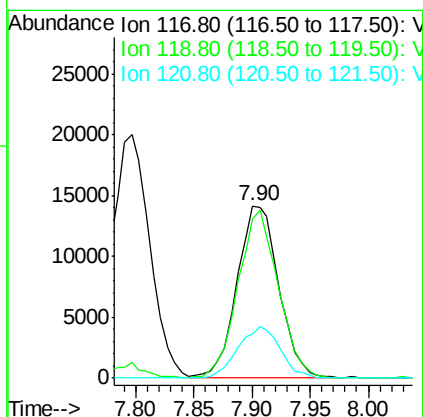
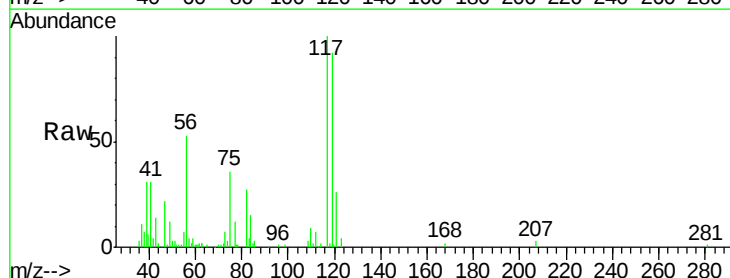
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

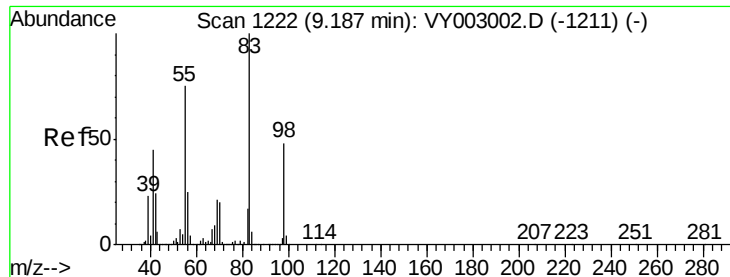
Tgt Ion: 43 Resp: 21716
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 11.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 4.913 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 117 Resp: 35402
Ion Ratio Lower Upper
117 100
119 92.5 75.7 113.5
121 25.6 23.9 35.9

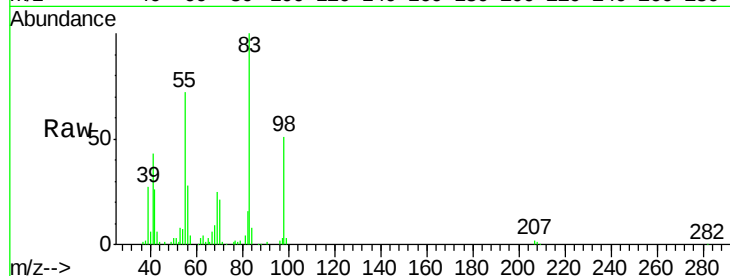




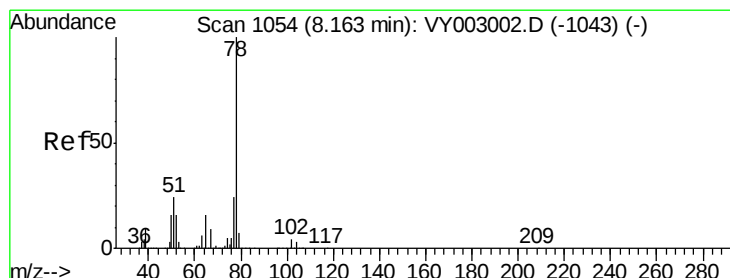
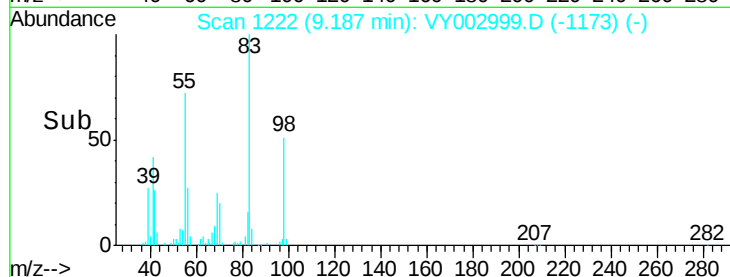
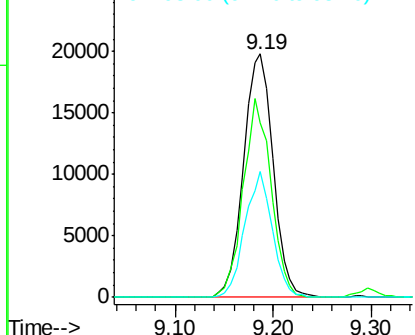
#39
Methylcyclohexane
Concen: 4.863 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 41762
Ion Ratio Lower Upper
83 100
55 71.8 59.9 89.9
98 51.5 38.7 58.1

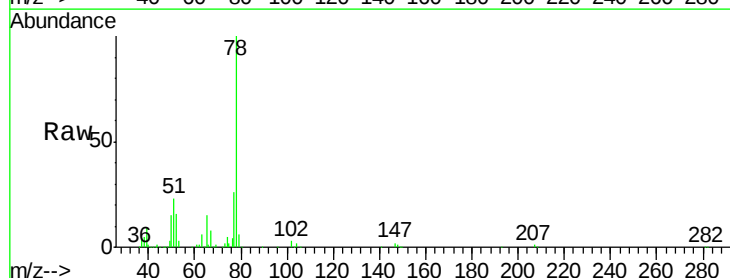


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

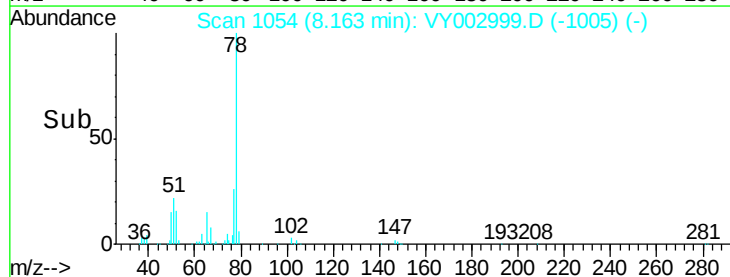
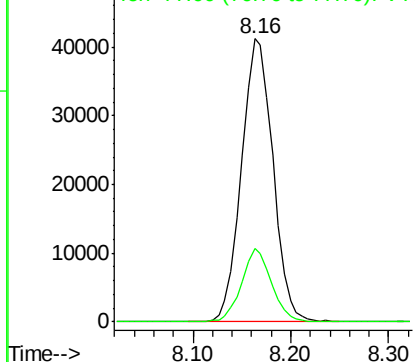


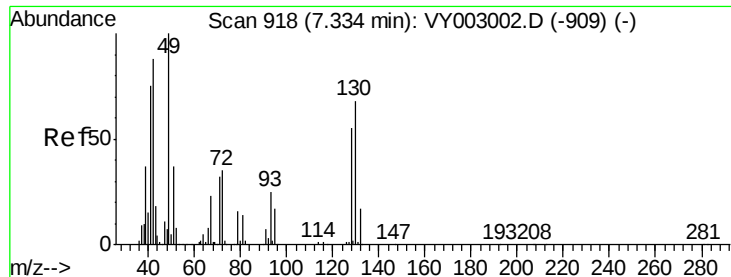
#40
Benzene
Concen: 4.844 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 78 Resp: 91850
Ion Ratio Lower Upper
78 100
77 25.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

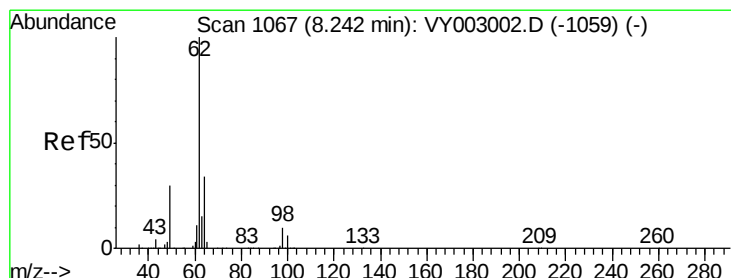
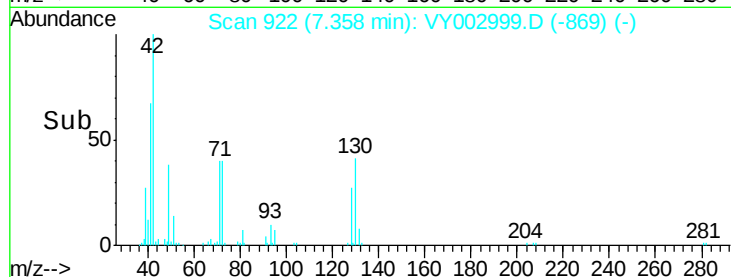
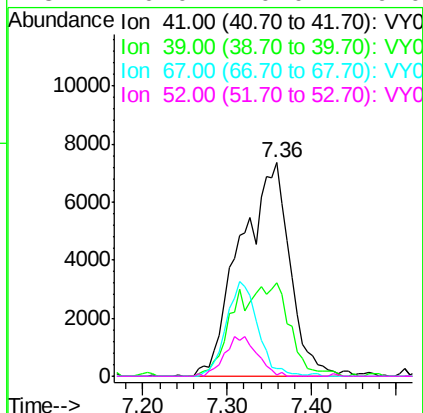
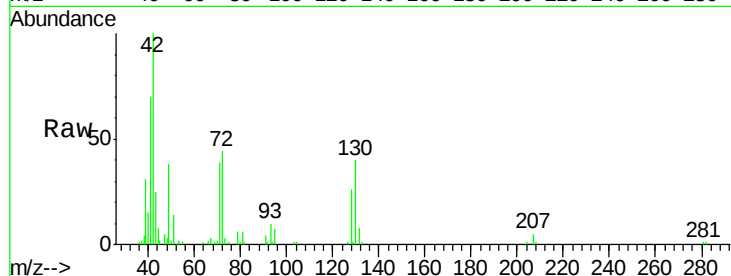




#41
Methacrylonitrile
Concen: 5.774 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

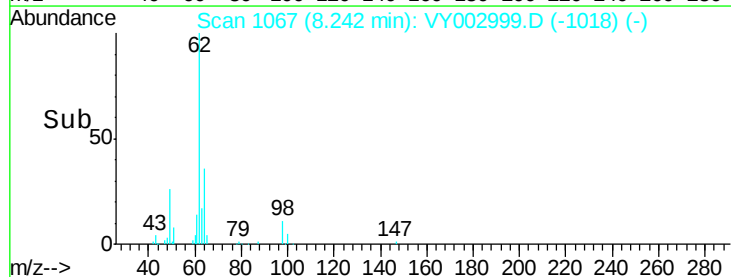
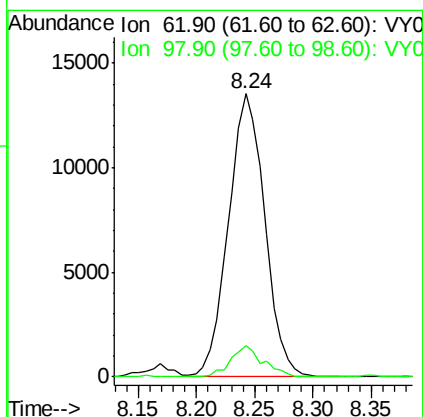
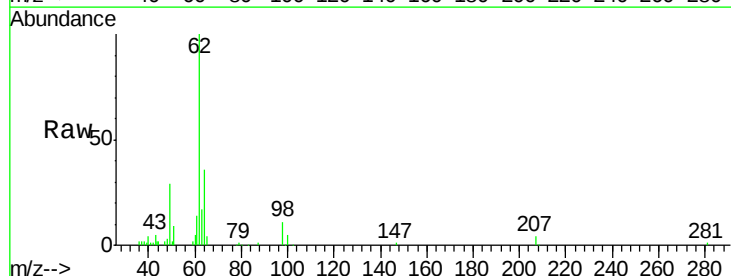
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

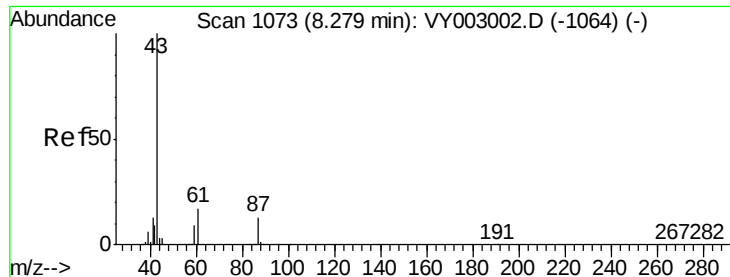
Tgt Ion:	41	Resp:	29493
Ion	Ratio	Lower	Upper
41	100		
39	1.5	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 4.903 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion:	62	Resp:	29408
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





#43

Isopropyl Acetate

Concen: 4.909 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

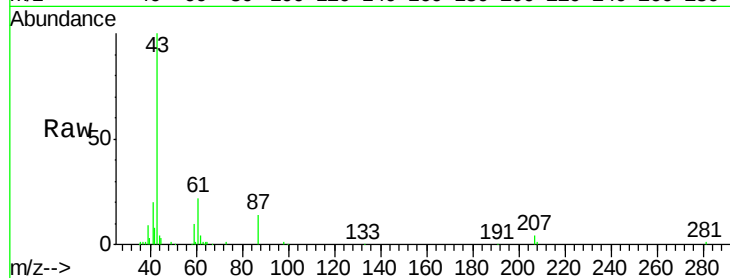
Tgt Ion: 43 Resp: 38860

Ion Ratio Lower Upper

43 100

61 28.1 21.8 32.6

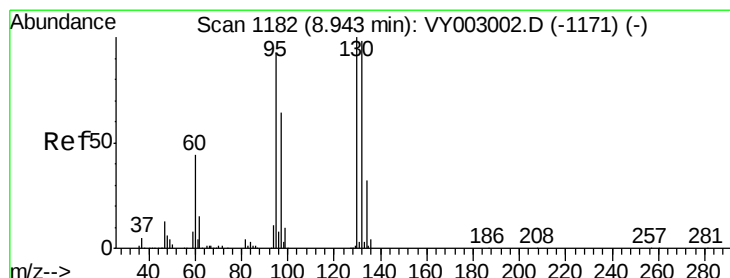
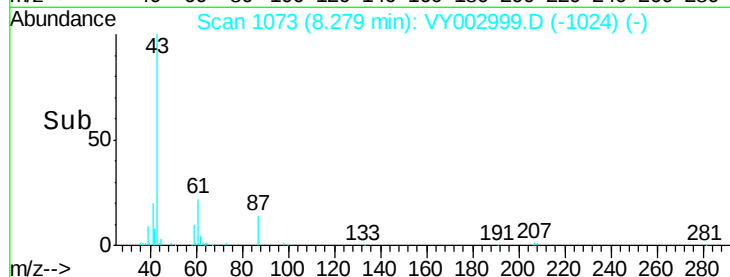
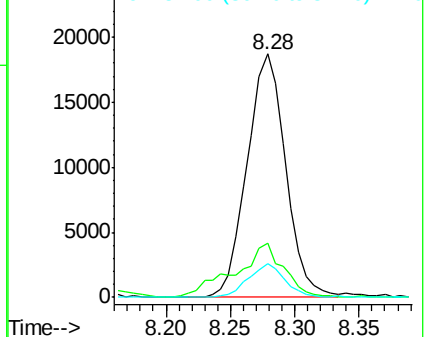
87 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY002999.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002999.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002999.D (-1024) (-)



#44

Trichloroethene

Concen: 4.943 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002999.D

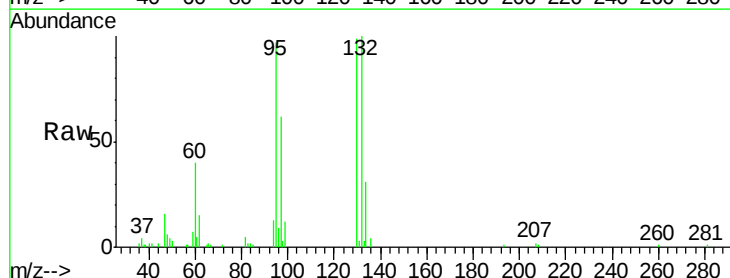
Acq: 29 Jun 2020 11:08

Tgt Ion: 130 Resp: 27241

Ion Ratio Lower Upper

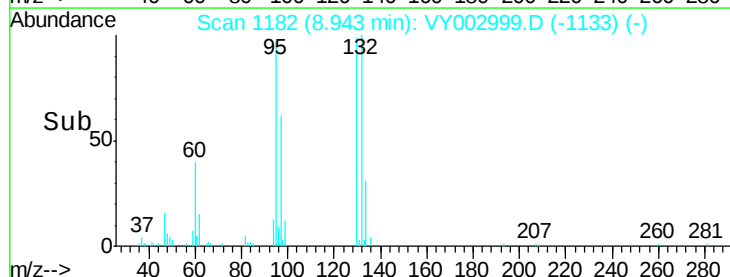
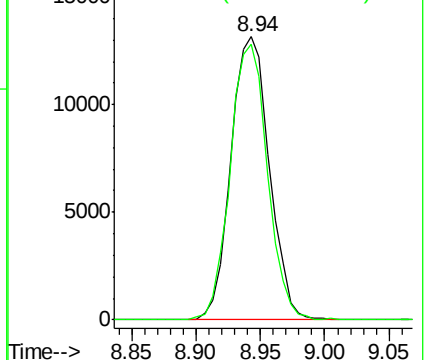
130 100

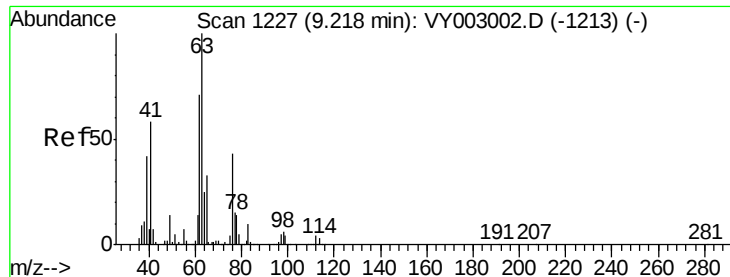
95 97.4 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY002999.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002999.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 4.885 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

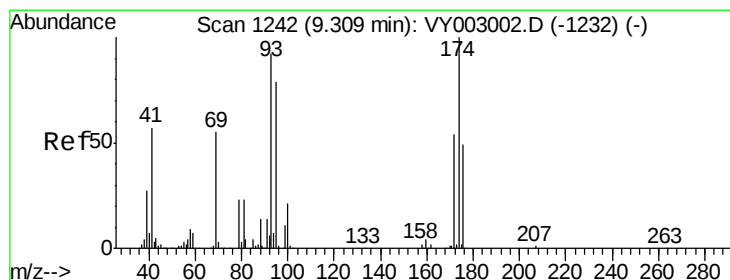
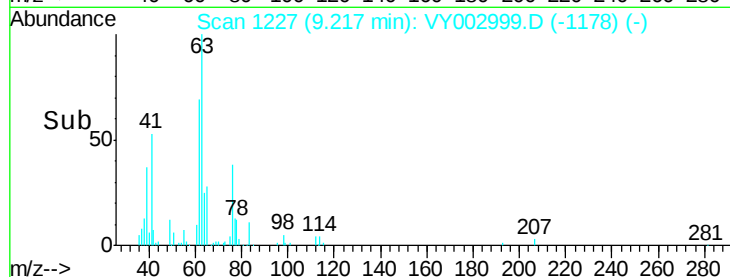
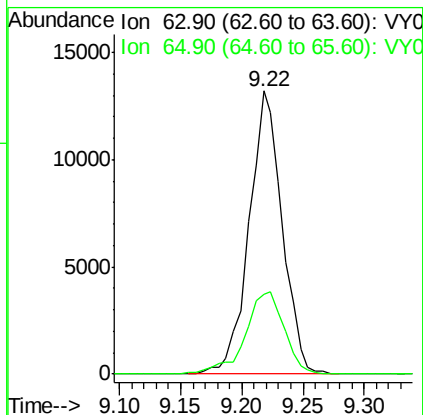
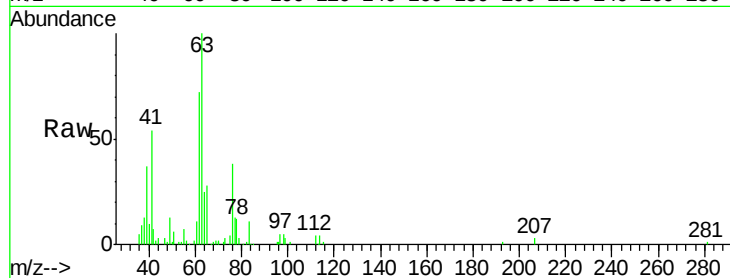
VSTDIC005

Tgt Ion: 63 Resp: 24917

Ion Ratio Lower Upper

63 100

65 28.1 26.2 39.4



#46

Dibromomethane

Concen: 5.028 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

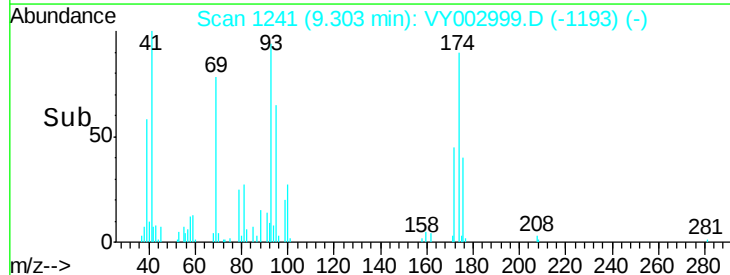
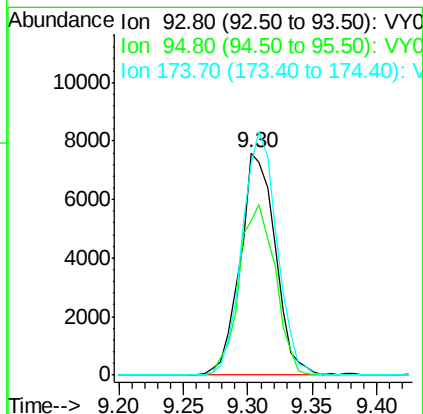
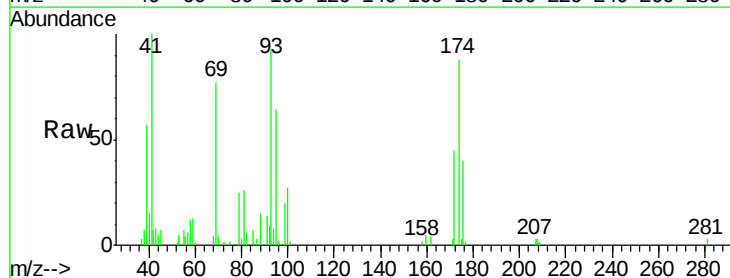
Tgt Ion: 93 Resp: 14326

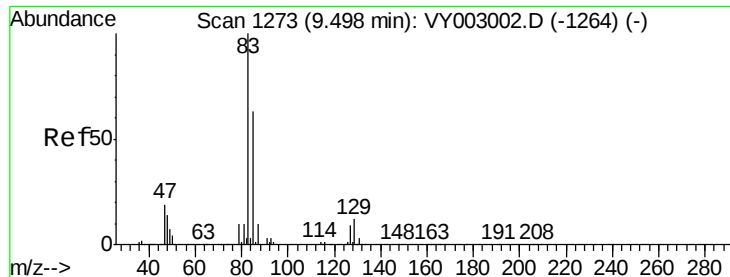
Ion Ratio Lower Upper

93 100

95 79.0 67.6 101.4

174 107.8 88.3 132.5





#47

Bromodichloromethane

Concen: 4.966 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

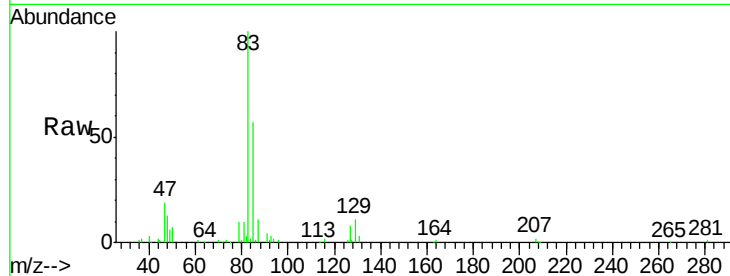
Tgt Ion: 83 Resp: 34641

Ion Ratio Lower Upper

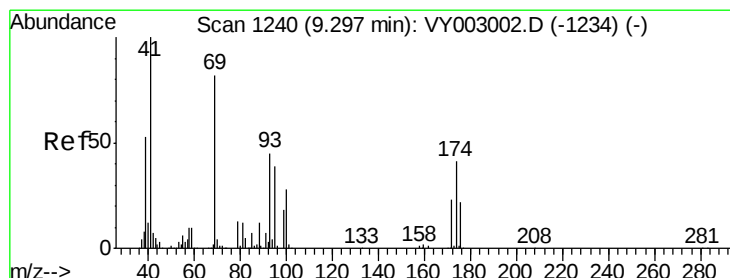
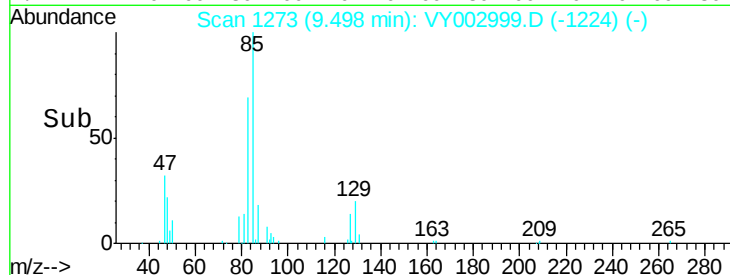
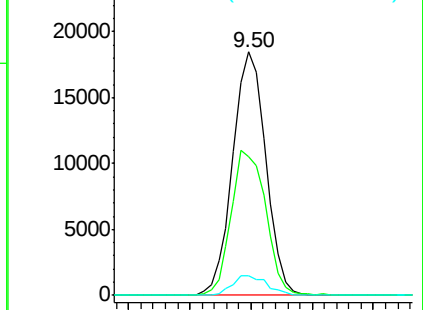
83 100

85 56.9 50.5 75.7

127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.810 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

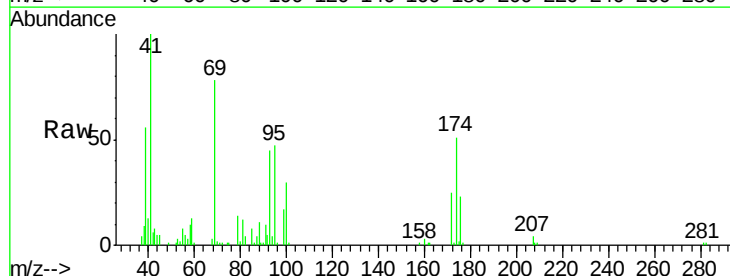
Tgt Ion: 41 Resp: 17332

Ion Ratio Lower Upper

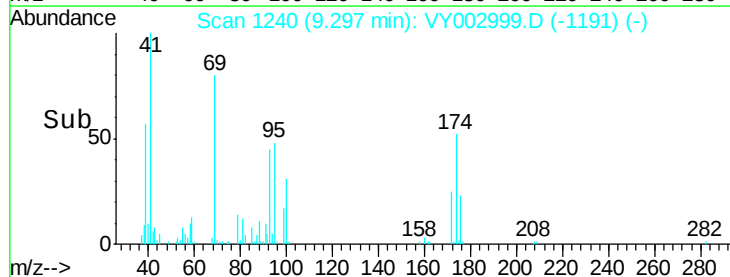
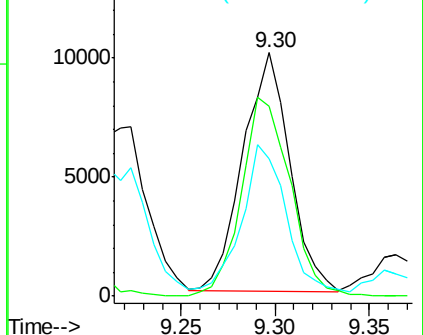
41 100

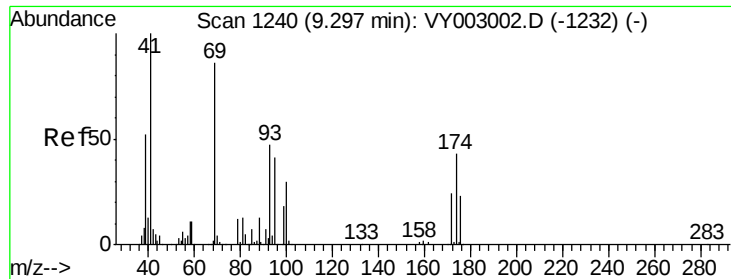
69 86.3 67.7 101.5

39 58.0 45.0 67.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

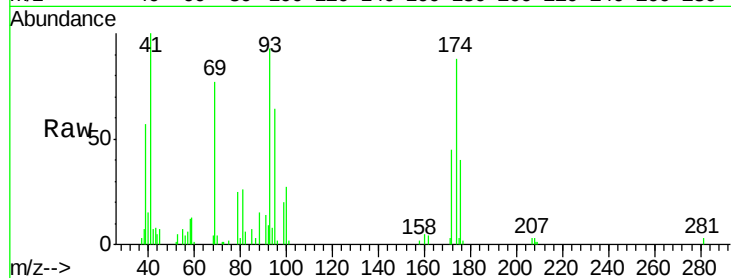




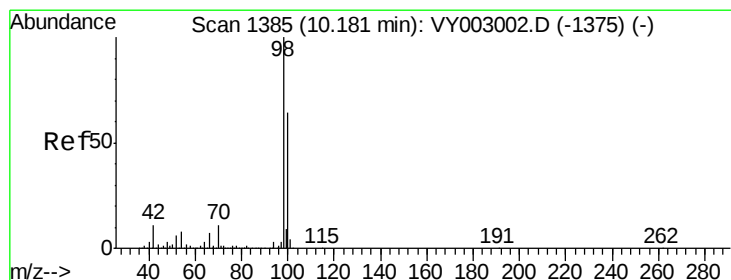
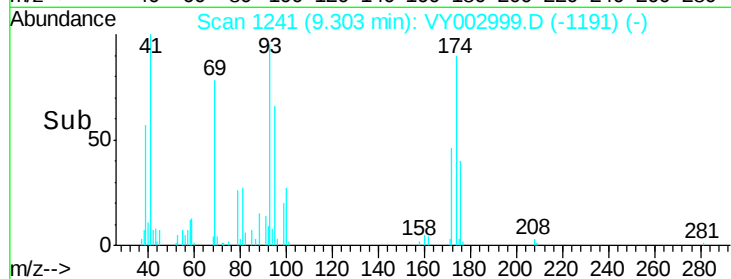
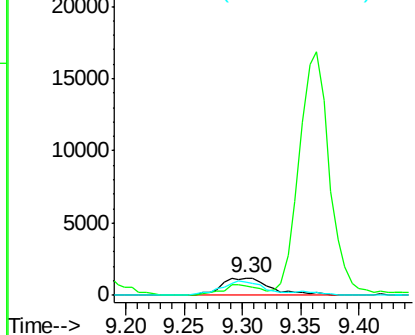
#49
1,4-Dioxane
Concen: 103.569 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3602
Ion Ratio Lower Upper
88 100
43 45.4 28.6 42.8#
58 73.2 56.7 85.1

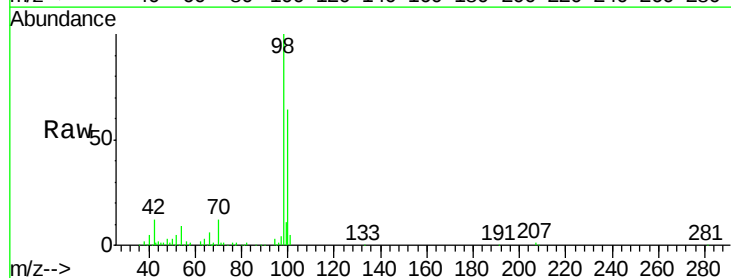


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

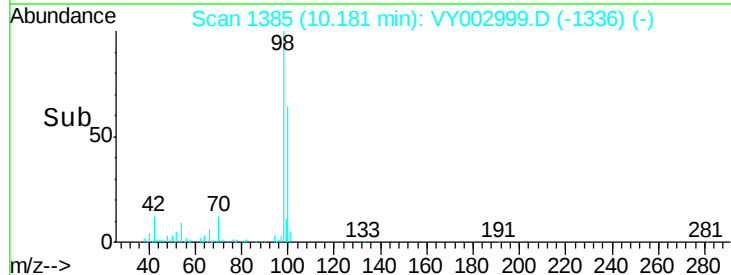
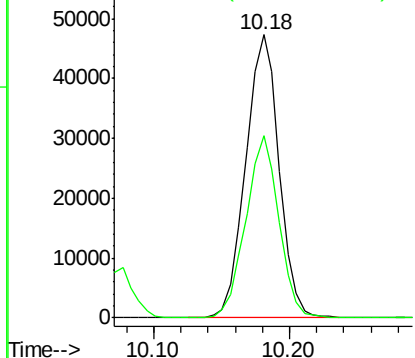


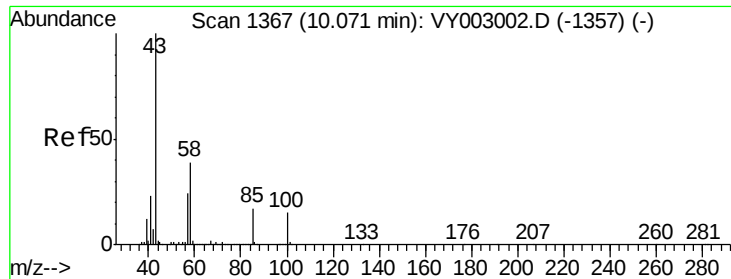
#50
Toluene-d8
Concen: 4.870 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 98 Resp: 81368
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

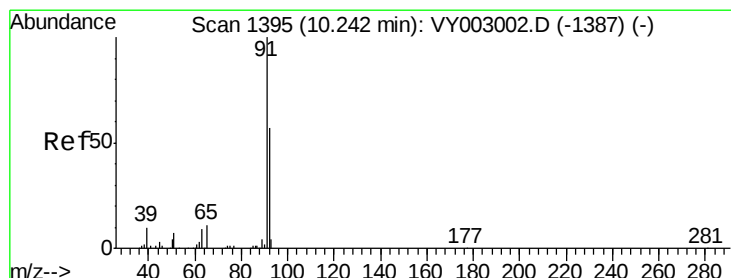
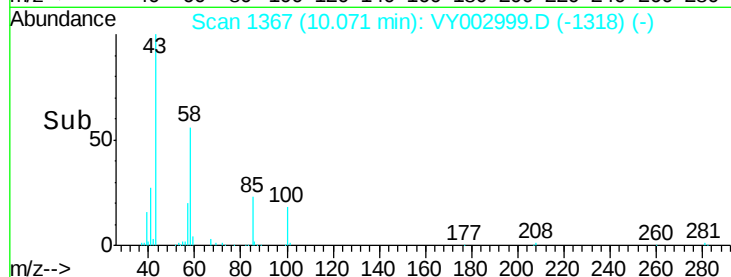
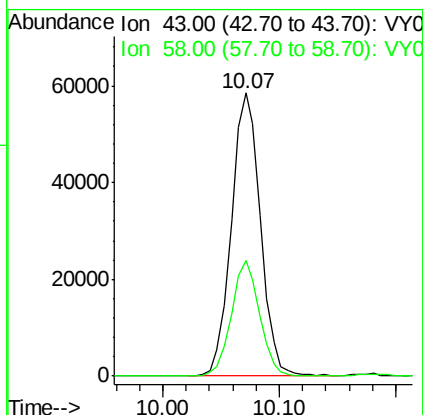
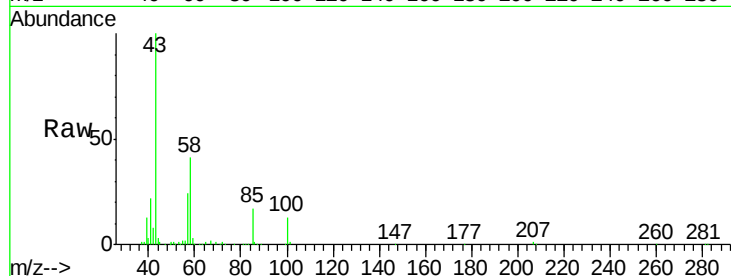




#51
 4-Methyl-2-Pentanone
 Concen: 24.821 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

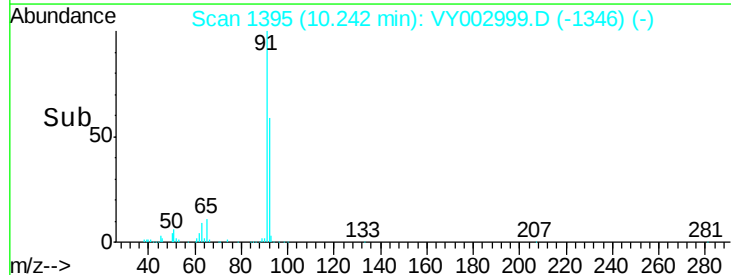
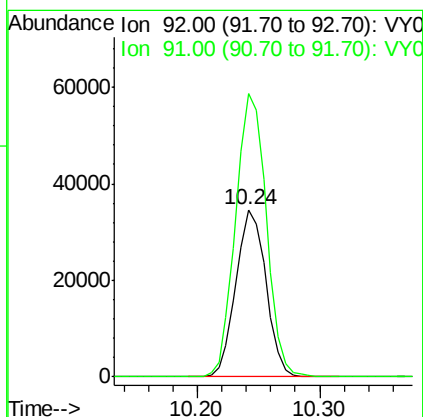
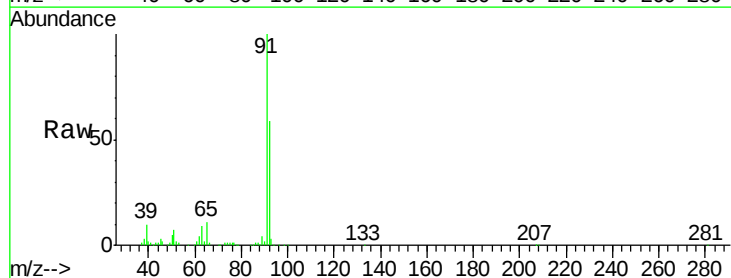
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

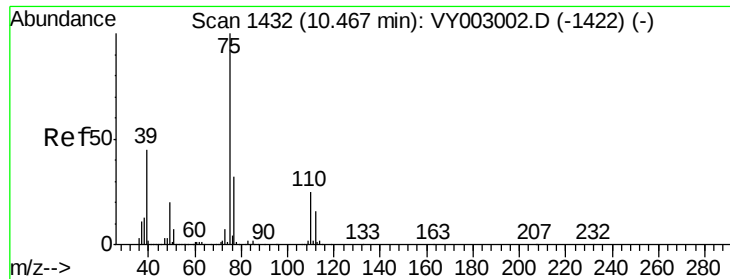
Tgt Ion: 43 Resp: 101555
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.1 46.7



#52
 Toluene
 Concen: 4.953 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion: 92 Resp: 59123
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 4.787 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

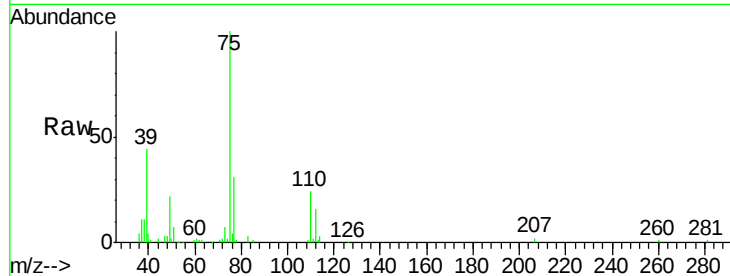
VSTDIC005

Tgt Ion: 75 Resp: 35011

Ion Ratio Lower Upper

75 100

77 30.0 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

25000

20000

15000

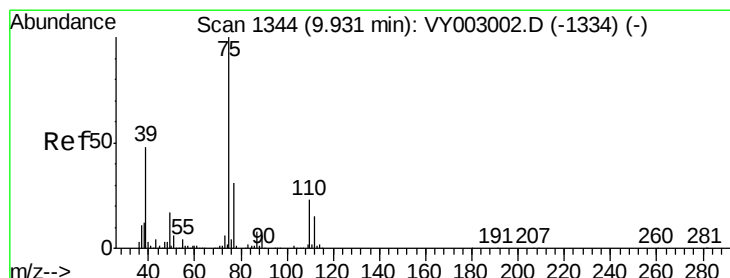
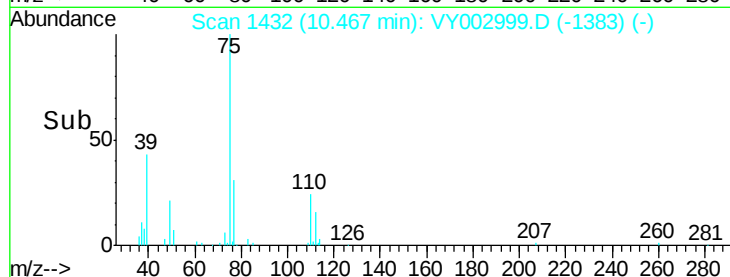
10000

5000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 4.873 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

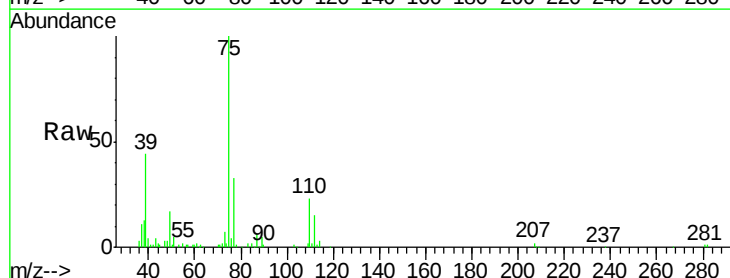
Tgt Ion: 75 Resp: 40765

Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0

39 44.2 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

30000

25000

20000

15000

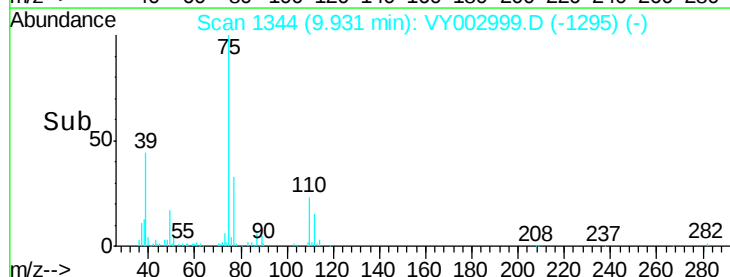
10000

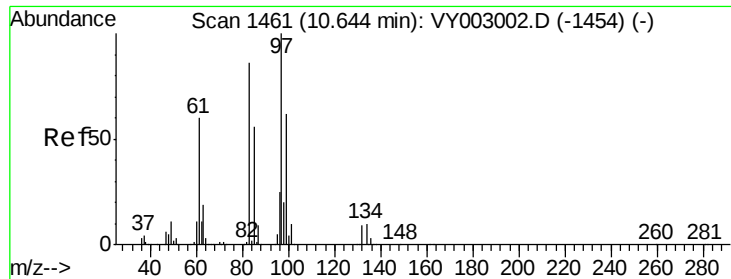
5000

0

Time-->

9.90 10.00

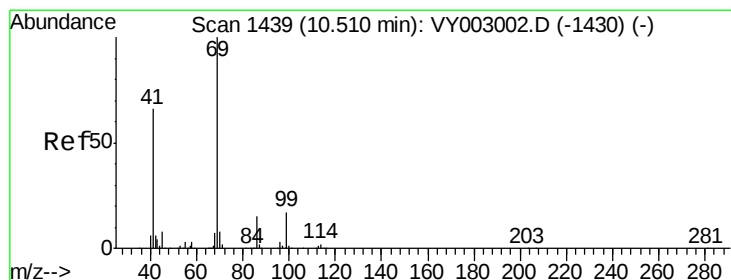
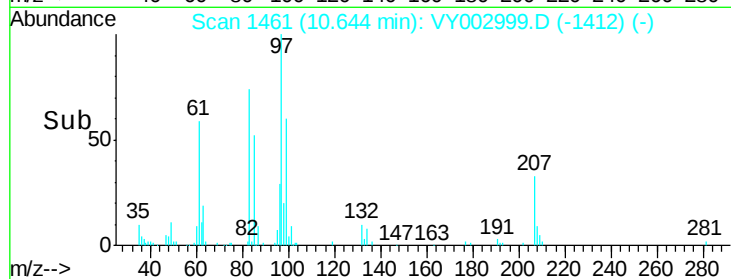
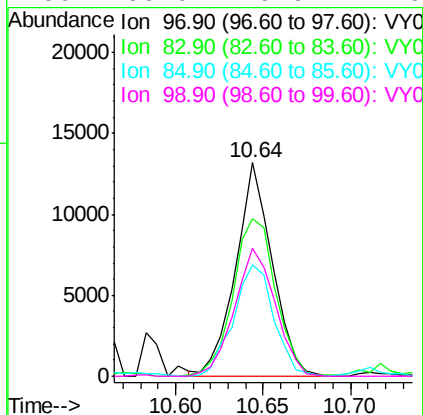
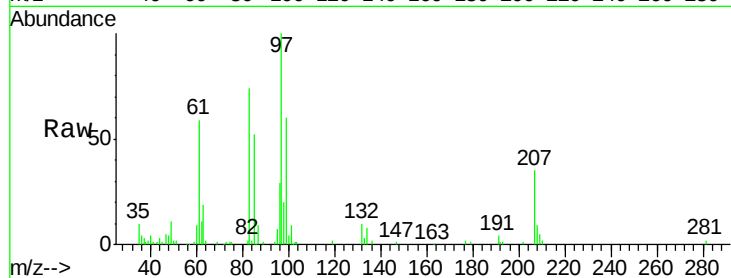




#55
 1,1,2-Trichloroethane
 Concen: 4.866 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

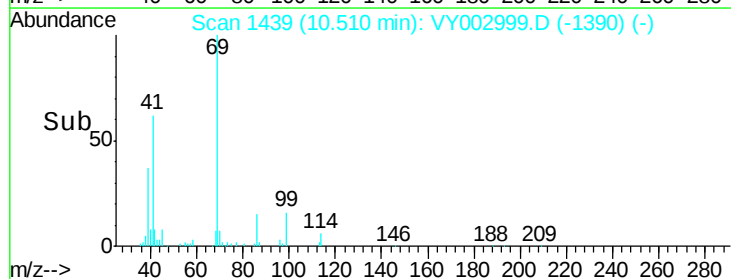
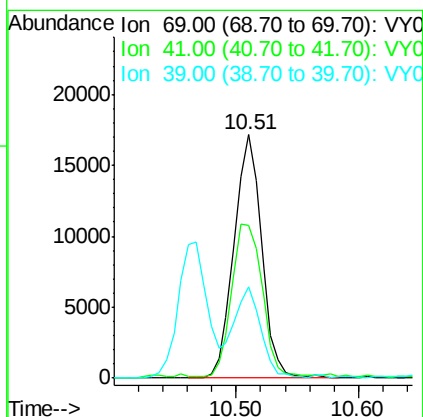
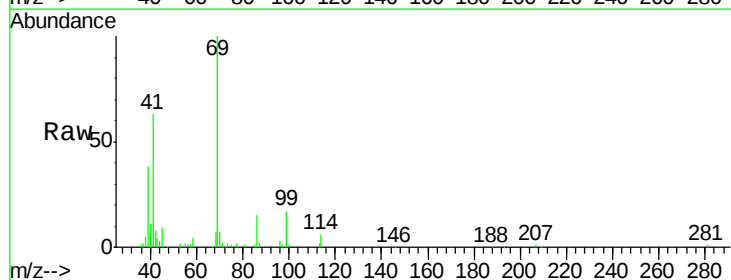
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

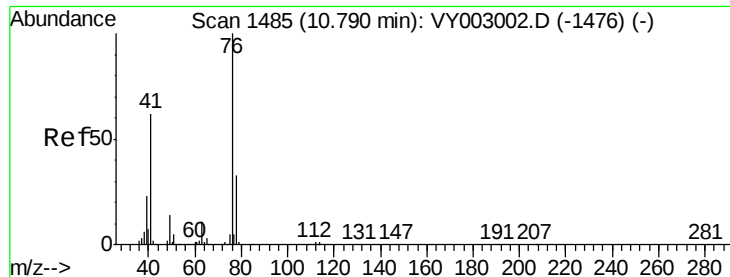
Tgt Ion:	97	Resp:	19263
Ion	Ratio	Lower	Upper
97	100		
83	73.1	69.0	103.6
85	52.3	44.8	67.2
99	60.0	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 4.683 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion:	69	Resp:	26838
Ion	Ratio	Lower	Upper
69	100		
41	68.9	53.7	80.5
39	36.7	28.3	42.5





#57

1,3-Dichloropropane

Concen: 4.987 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

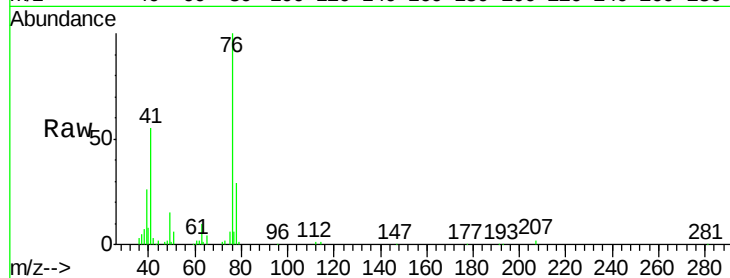
VSTDIC005

Tgt Ion: 76 Resp: 34658

Ion Ratio Lower Upper

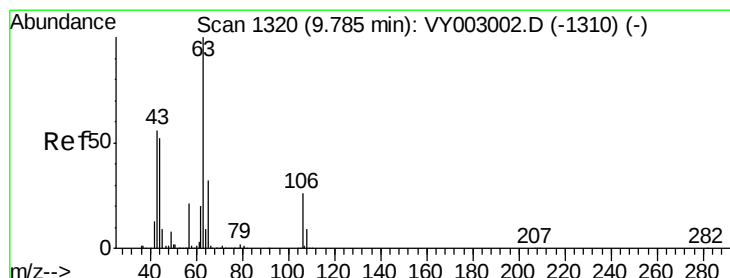
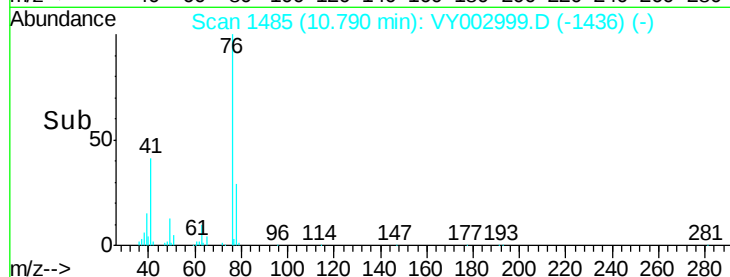
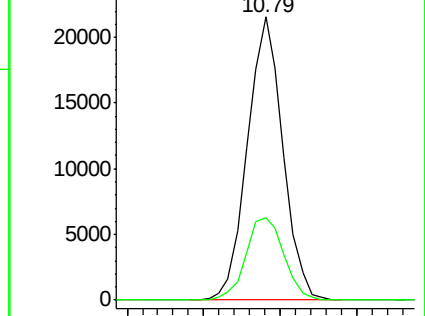
76 100

78 31.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 25.641 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002999.D

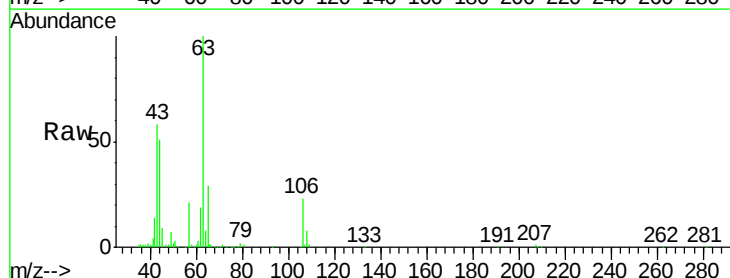
Acq: 29 Jun 2020 11:08

Tgt Ion: 63 Resp: 75366

Ion Ratio Lower Upper

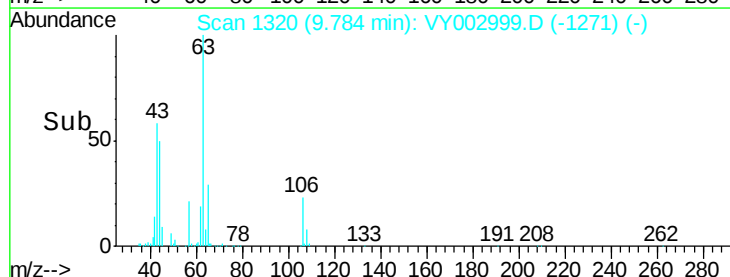
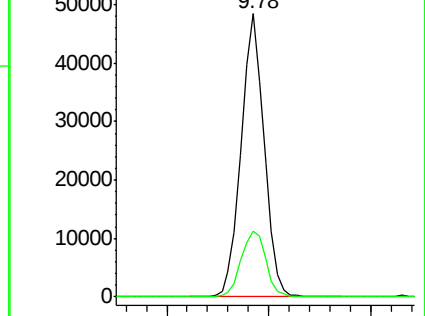
63 100

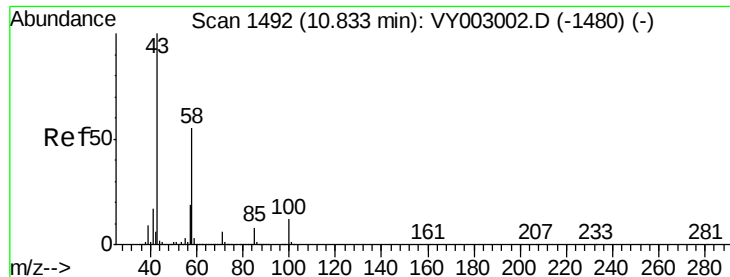
106 25.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

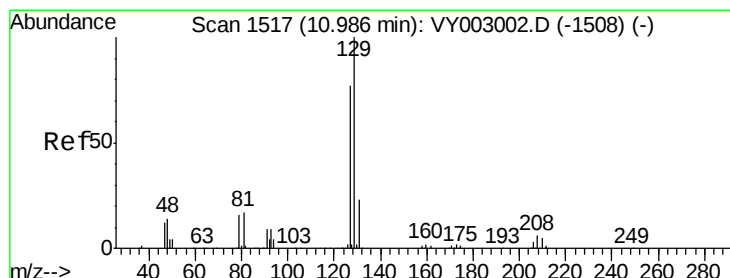
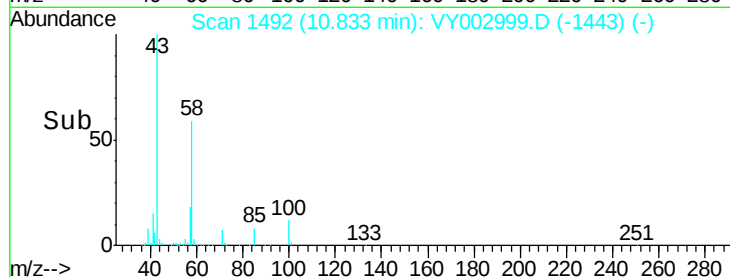
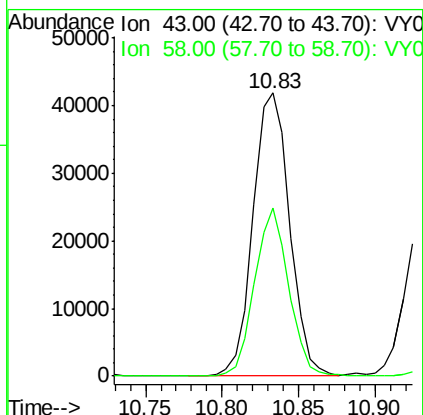
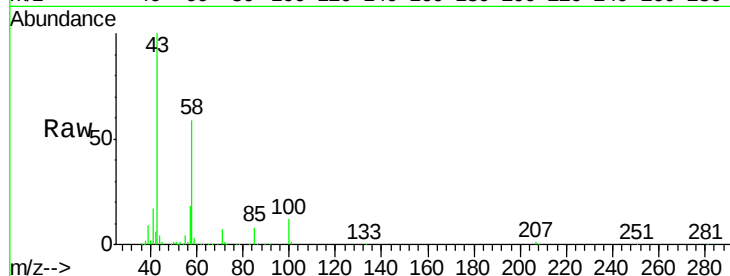




#59
2-Hexanone
Concen: 24.397 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

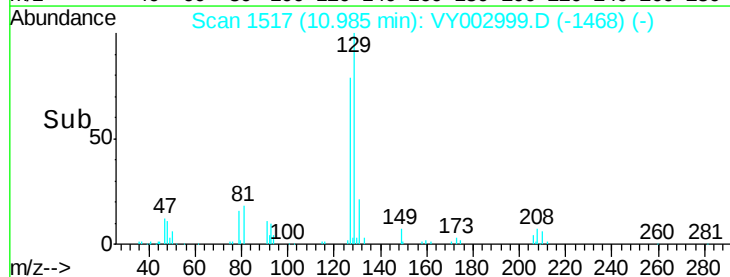
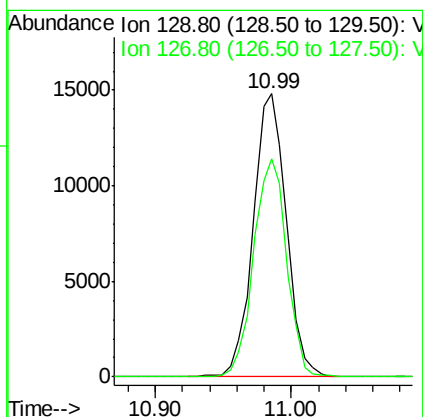
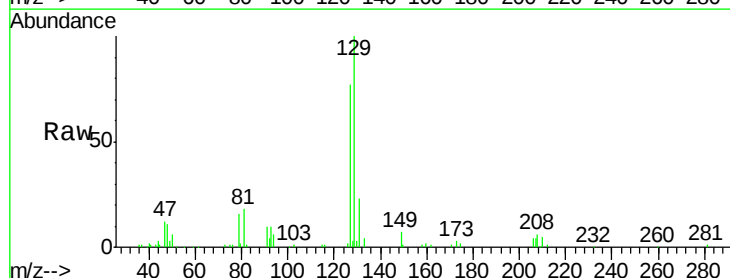
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

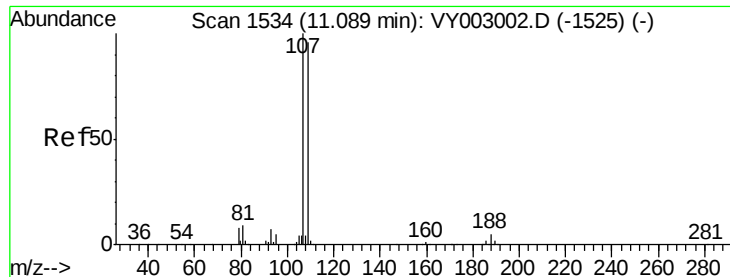
Tgt Ion: 43 Resp: 69773
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.4



#60
Dibromochloromethane
Concen: 4.993 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 129 Resp: 25296
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 5.085 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

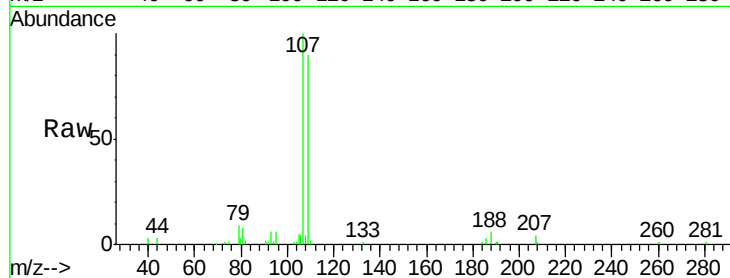
VSTDIC005

Tgt Ion: 107 Resp: 19847

Ion Ratio Lower Upper

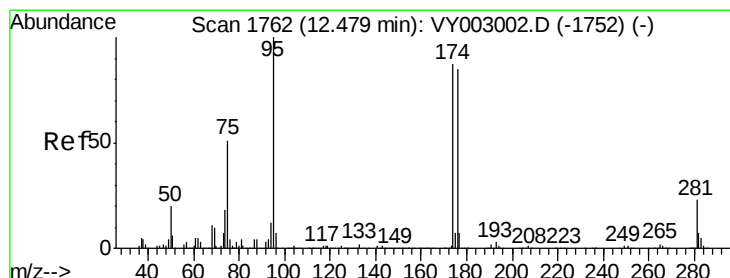
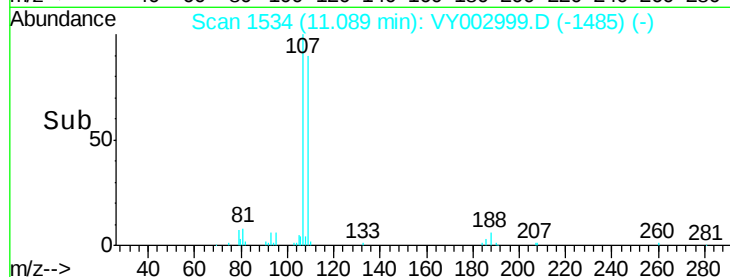
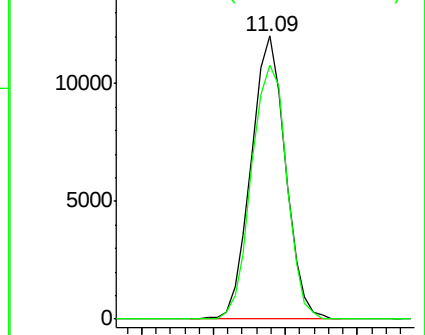
107 100

109 91.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.046 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

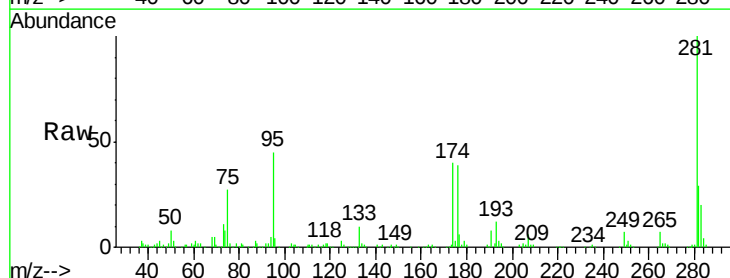
Tgt Ion: 95 Resp: 29682

Ion Ratio Lower Upper

95 100

174 90.7 0.0 184.8

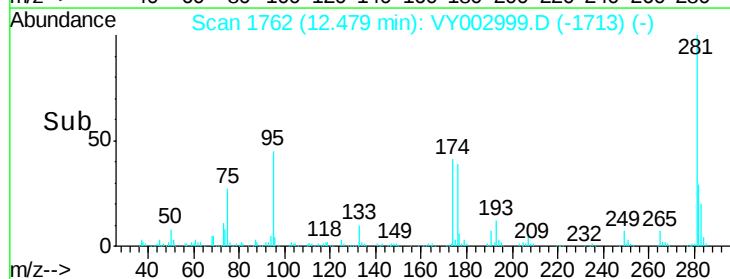
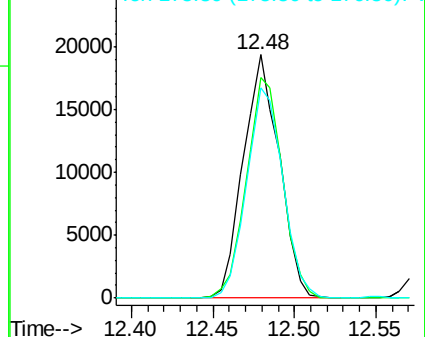
176 87.4 0.0 183.0

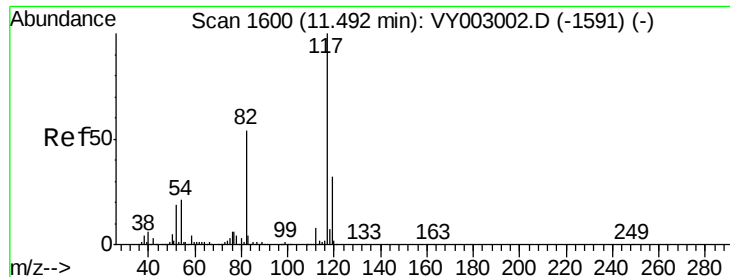


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

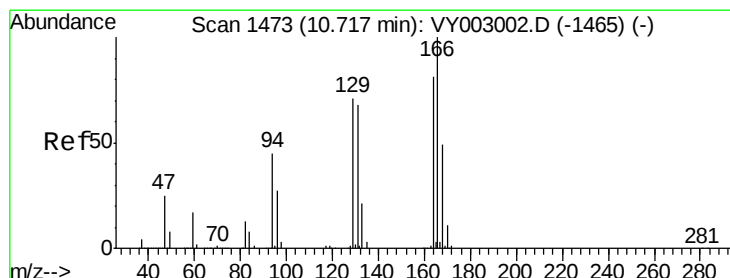
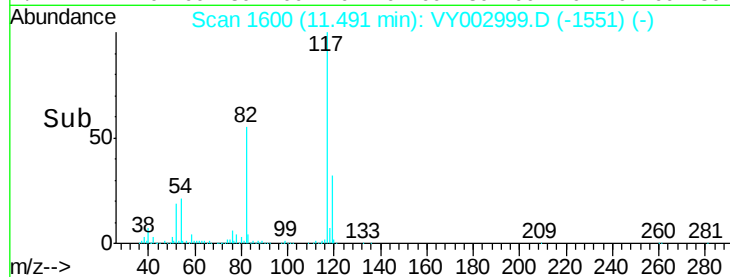
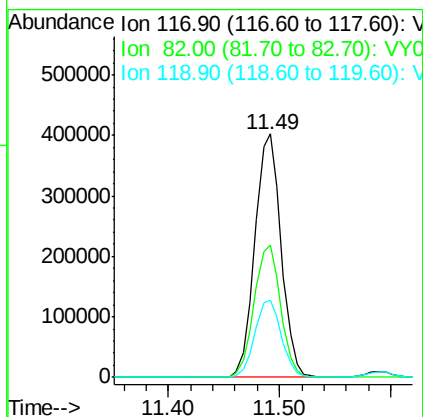
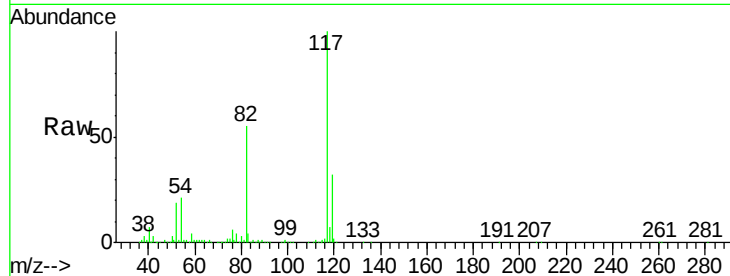




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

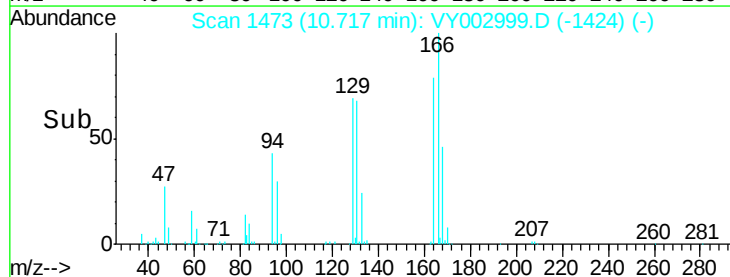
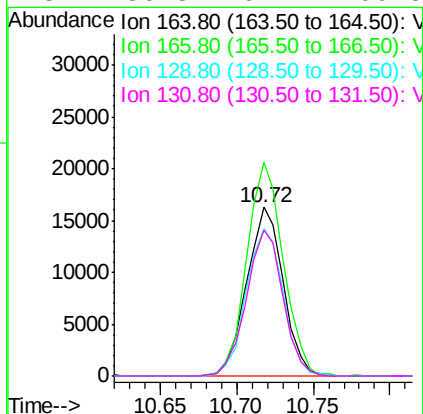
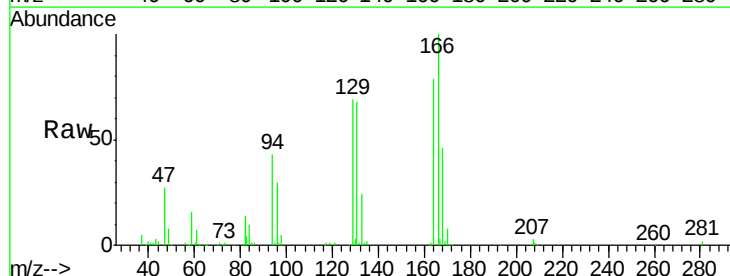
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

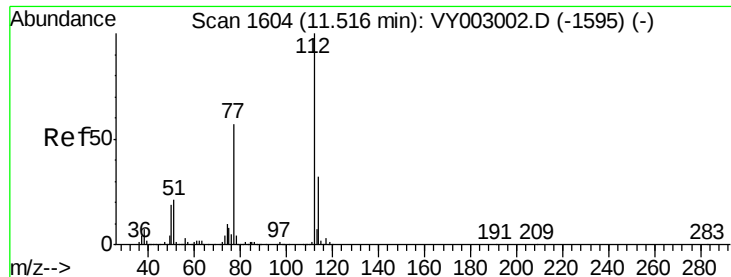
Tgt Ion:117 Resp: 660188
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 4.842 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion:164 Resp: 27053
Ion Ratio Lower Upper
164 100
166 126.8 98.5 147.7
129 87.6 69.7 104.5
131 86.8 67.2 100.8

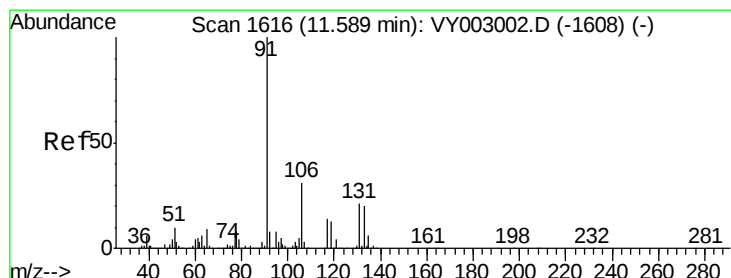
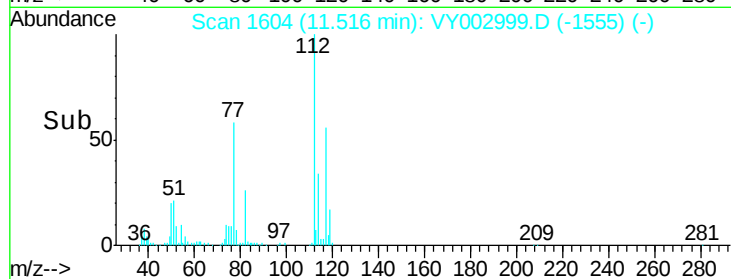
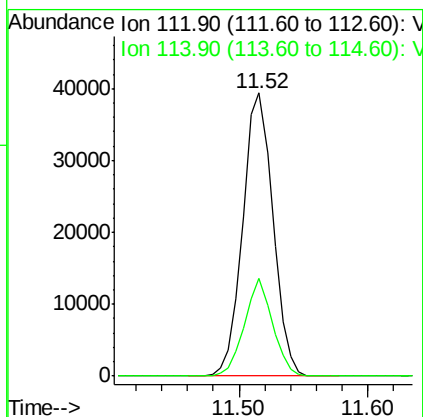
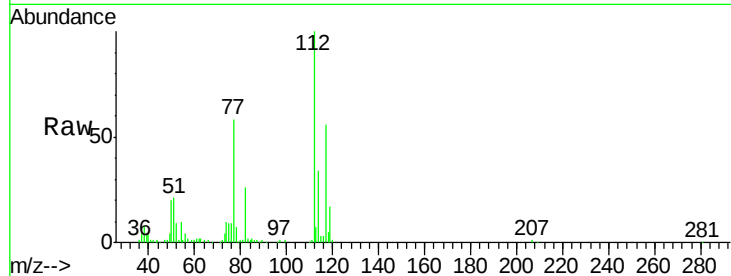




#65
Chlorobenzene
Concen: 4.887 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

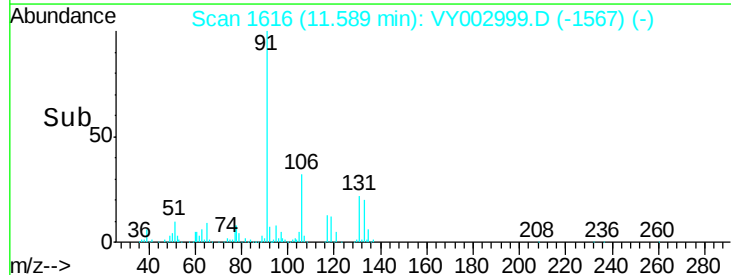
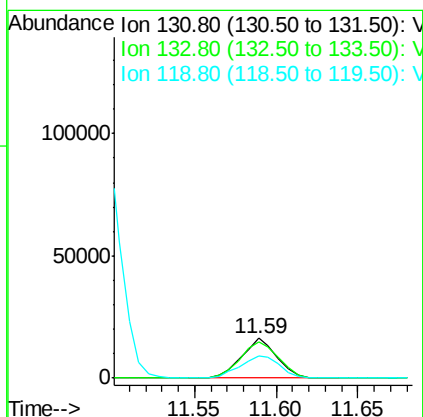
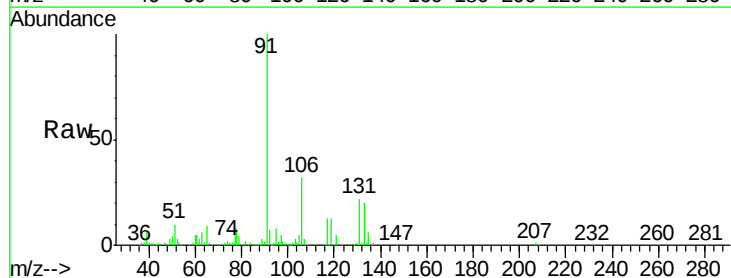
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 63614
Ion Ratio Lower Upper
112 100
114 34.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.826 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion:131 Resp: 24528
Ion Ratio Lower Upper
131 100
133 99.8 47.9 143.8
119 62.7 31.8 95.3

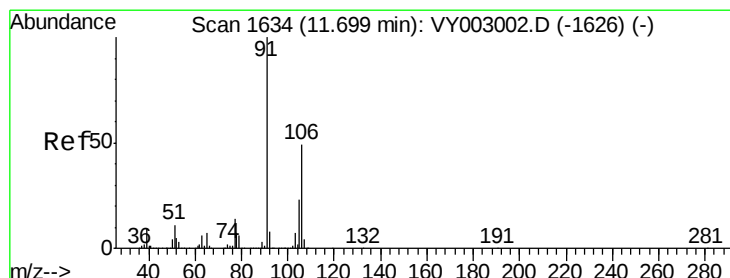
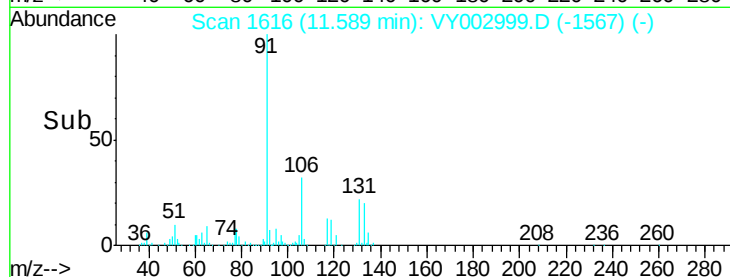
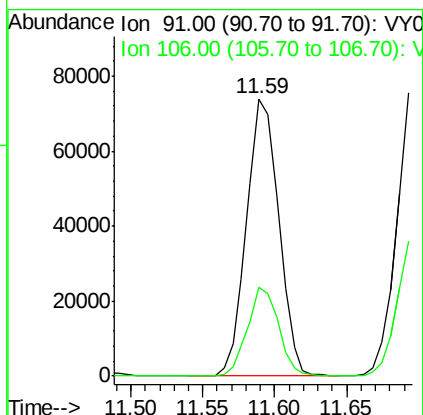
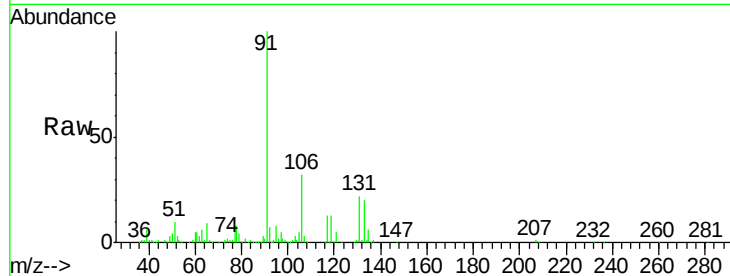




#67
Ethyl Benzene
Concen: 4.823 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

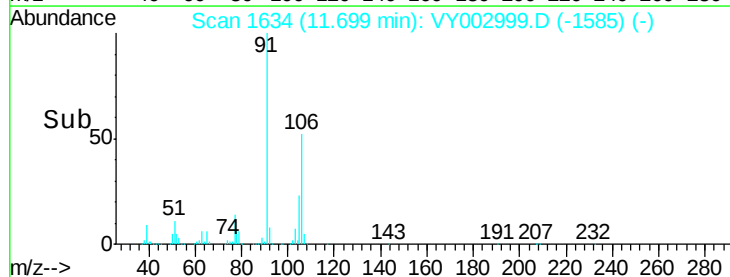
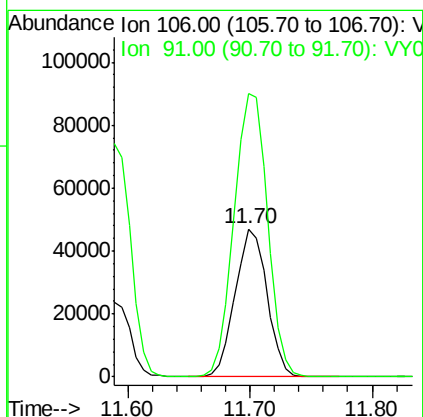
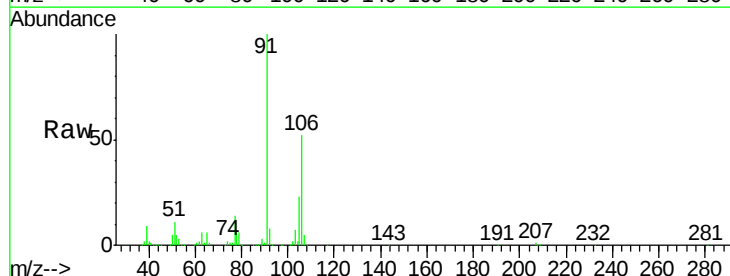
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

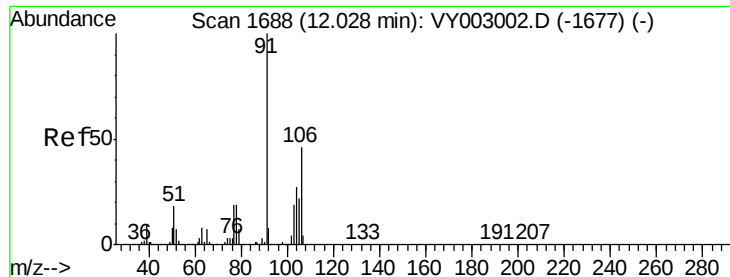
Tgt Ion: 91 Resp: 114864
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4



#68
m/p-Xylenes
Concen: 9.566 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 106 Resp: 84786
Ion Ratio Lower Upper
106 100
91 201.8 161.9 242.9

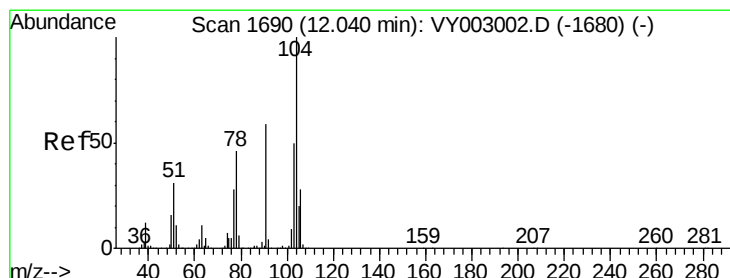
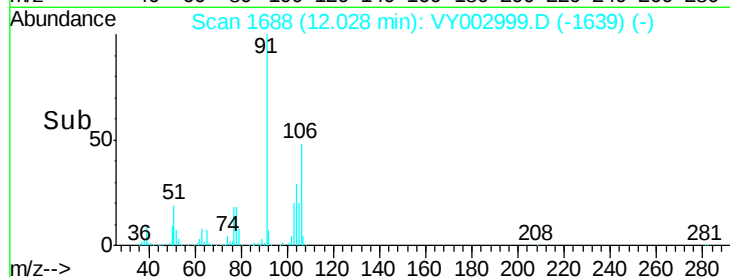
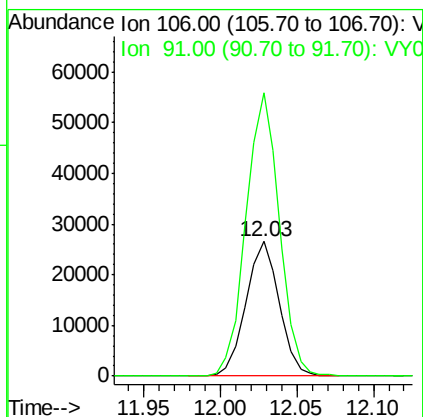
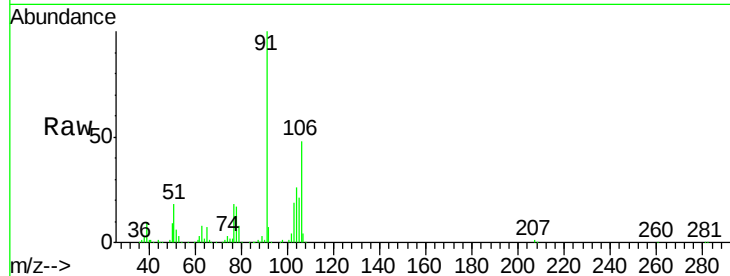




#69
o-Xylene
Concen: 4.820 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

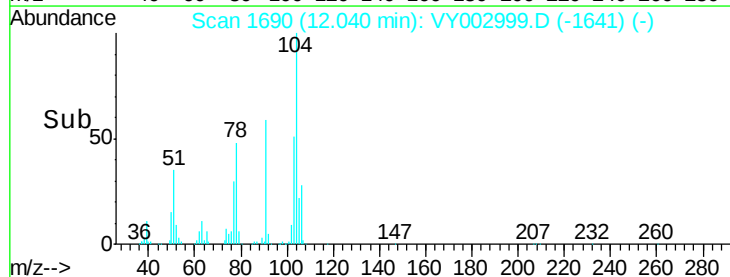
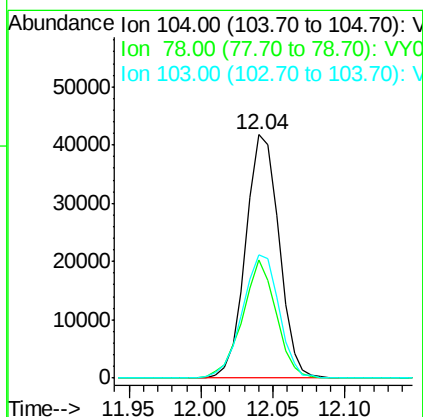
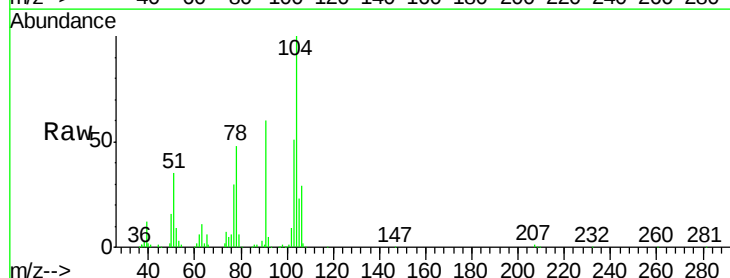
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

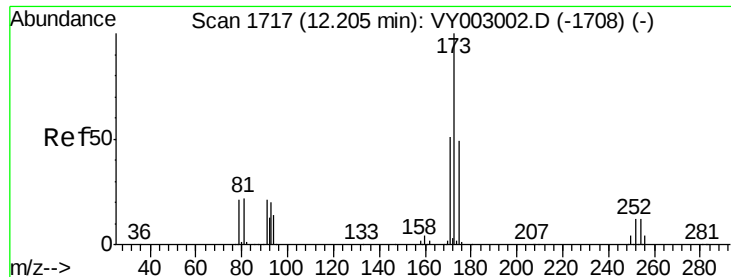
Tgt Ion:106 Resp: 40258
Ion Ratio Lower Upper
106 100
91 210.1 107.9 323.8



#70
Styrene
Concen: 4.699 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion:104 Resp: 67043
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 55.6 44.1 66.1

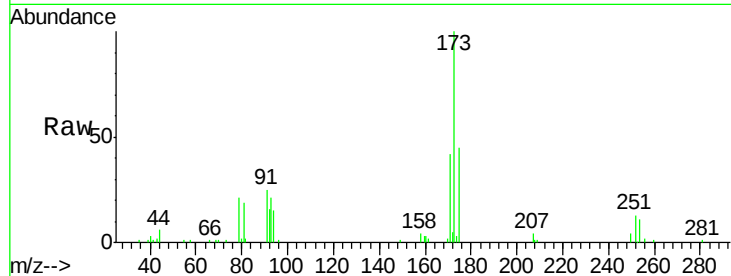




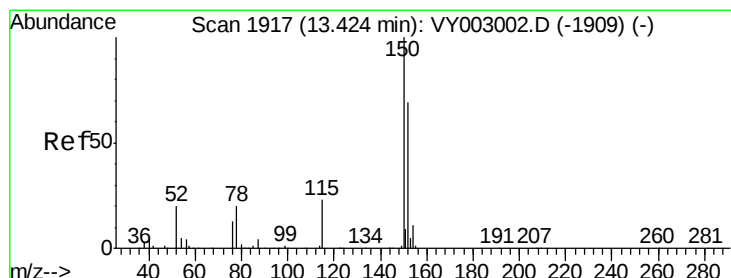
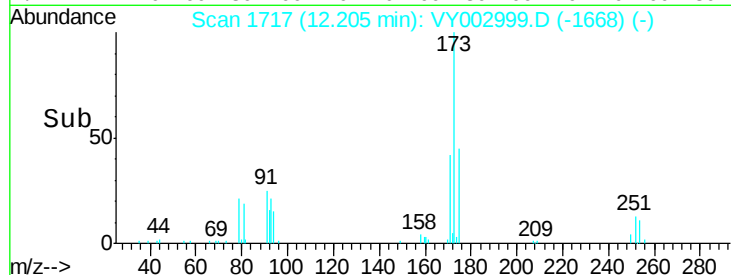
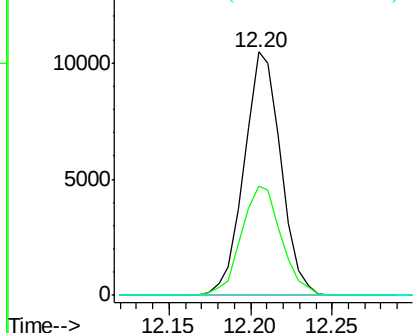
#71
Bromoform
Concen: 4.845 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tgt Ion:173 Resp: 16421
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.2 0.2#

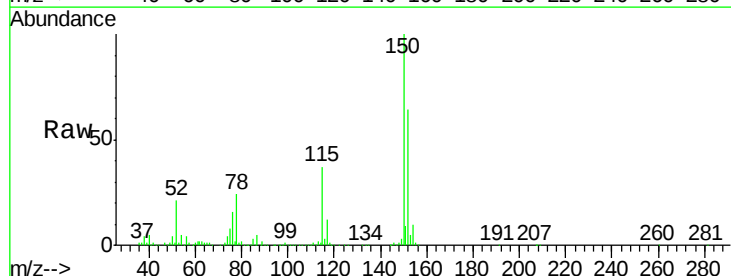


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

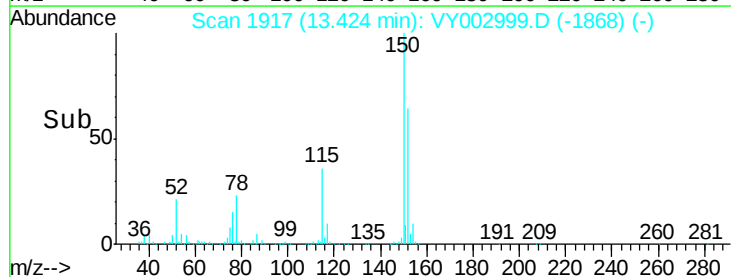
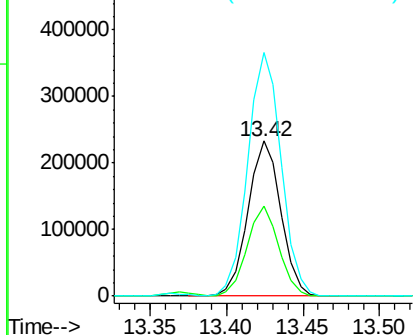


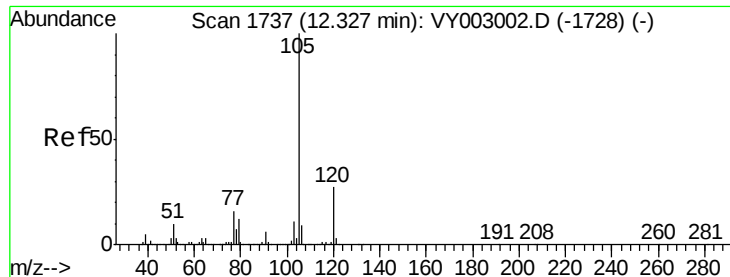
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion:152 Resp: 349235
Ion Ratio Lower Upper
152 100
115 55.8 27.3 81.9
150 159.0 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.732 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

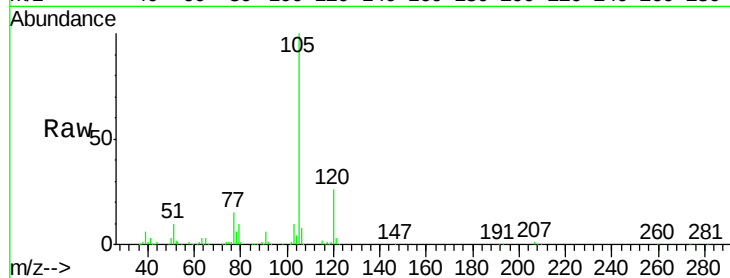
VSTDIC005

Tgt Ion: 105 Resp: 108163

Ion Ratio Lower Upper

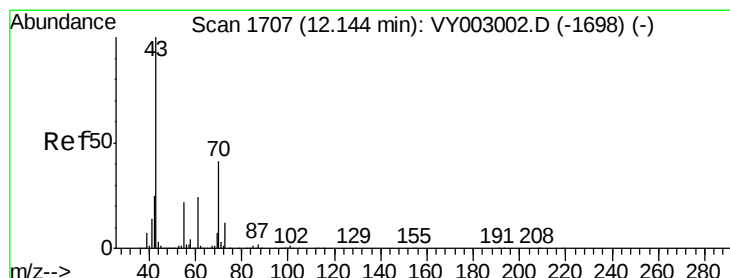
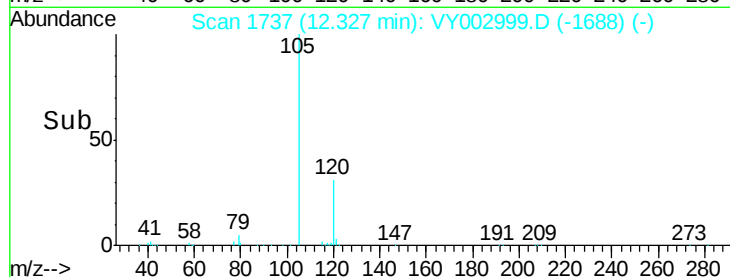
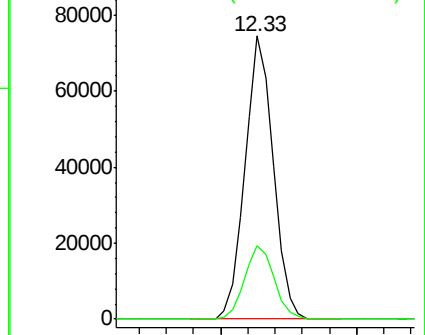
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.719 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Tgt Ion: 43 Resp: 35114

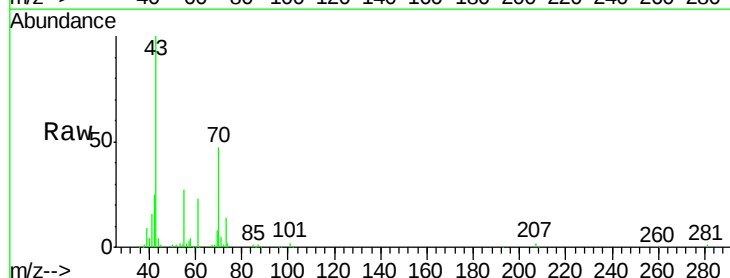
Ion Ratio Lower Upper

43 100

70 43.8 33.0 49.4

55 24.8 18.2 27.2

61 24.2 19.4 29.2

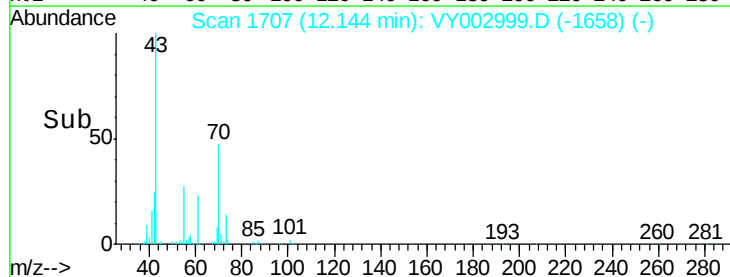
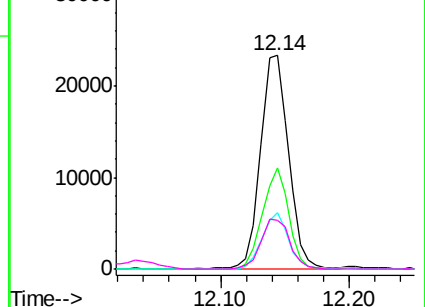


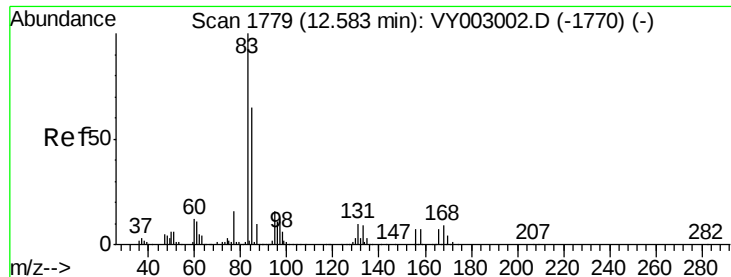
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.093 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

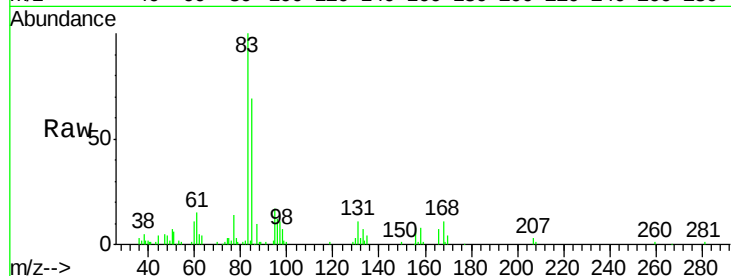
Tgt Ion: 83 Resp: 23491

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

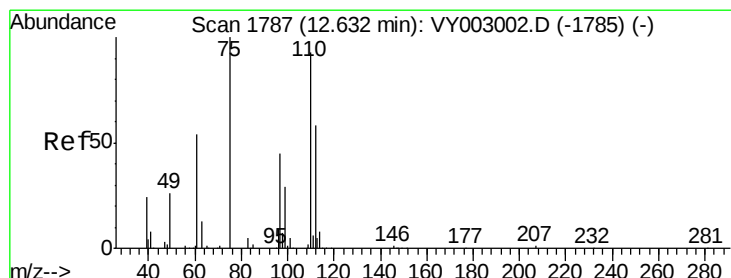
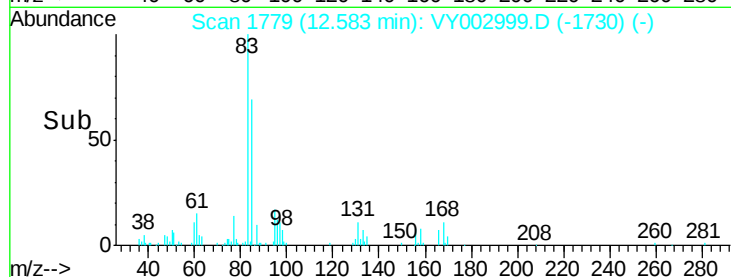
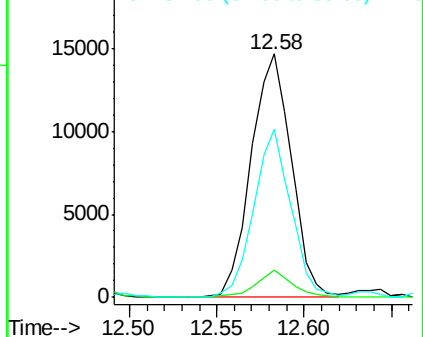
85 63.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY002999.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002999.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002999.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 5.403 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002999.D

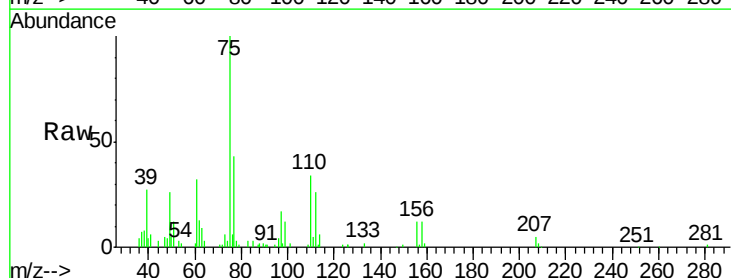
Acq: 29 Jun 2020 11:08

Tgt Ion: 75 Resp: 32254

Ion Ratio Lower Upper

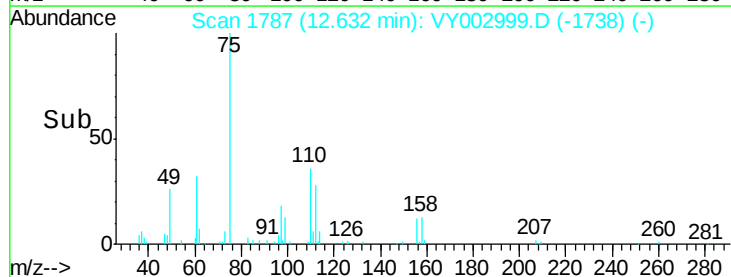
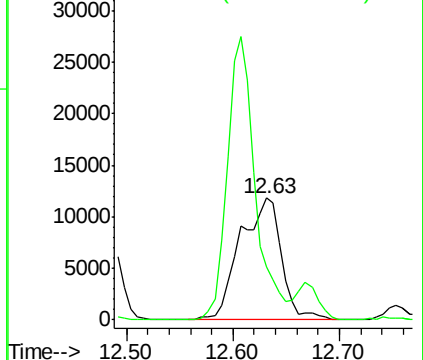
75 100

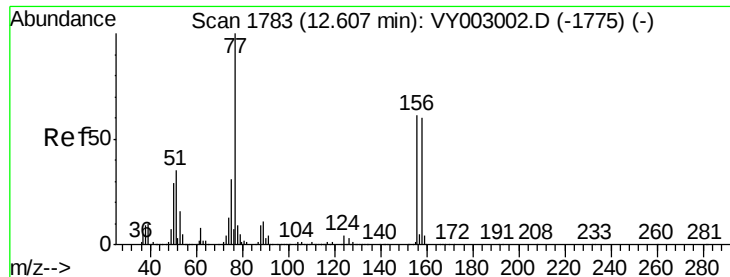
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002999.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002999.D (-1738) (-)

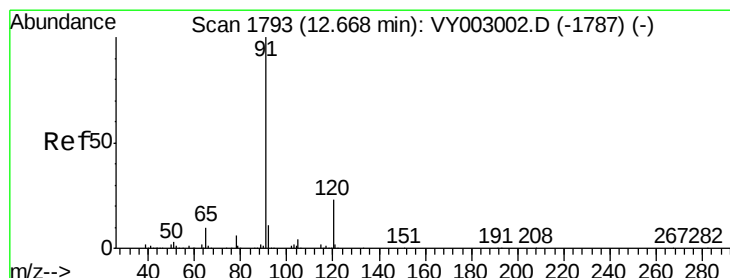
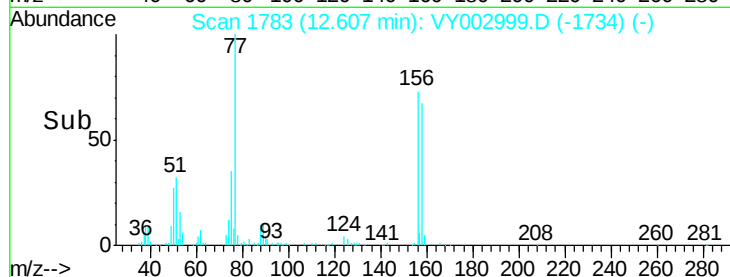
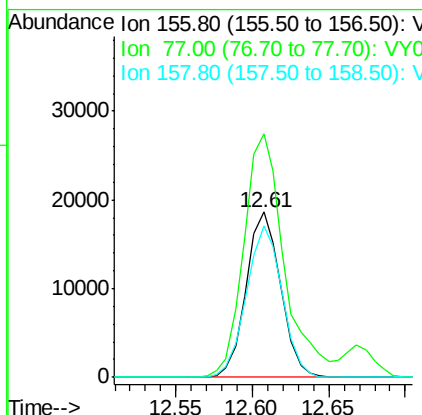
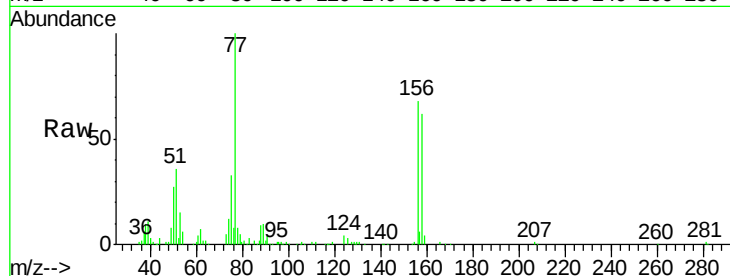




#77
Bromobenzene
Concen: 4.989 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

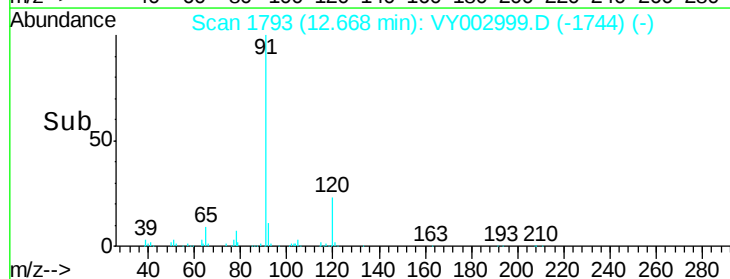
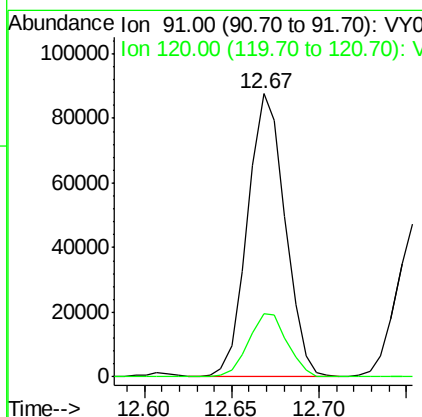
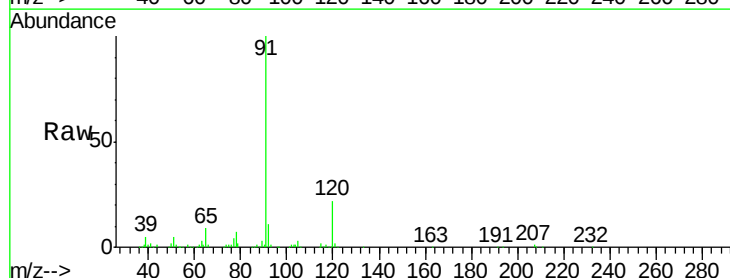
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

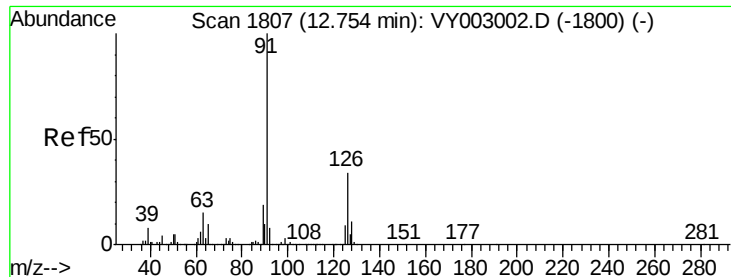
Tgt Ion: 156 Resp: 29236
Ion Ratio Lower Upper
156 100
77 171.9 90.0 270.0
158 94.5 48.5 145.5



#78
n-propylbenzene
Concen: 4.734 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 91 Resp: 130114
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 4.727 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

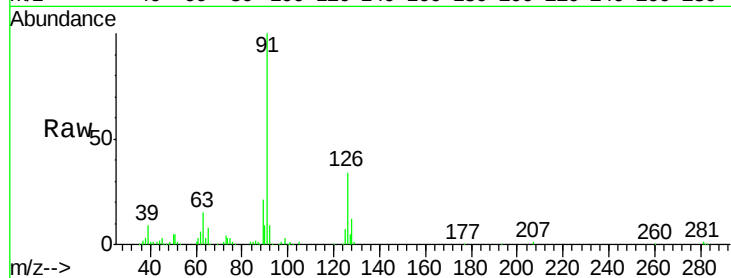
VSTDIC005

Tgt Ion: 91 Resp: 72529

Ion Ratio Lower Upper

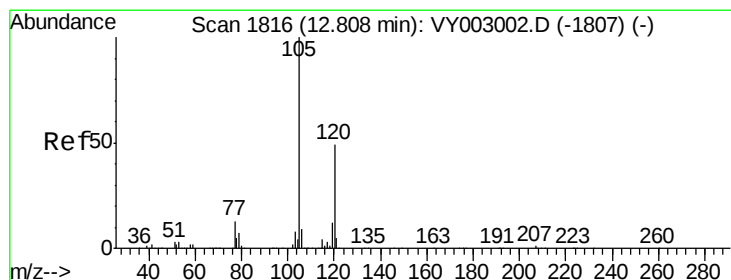
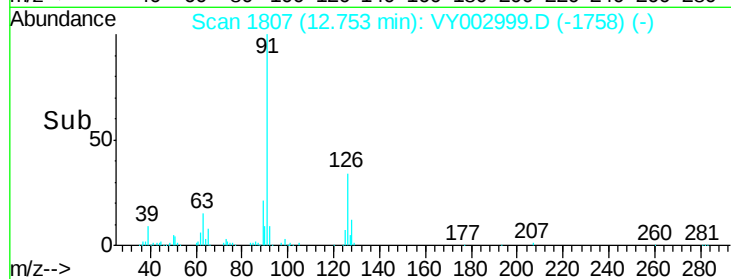
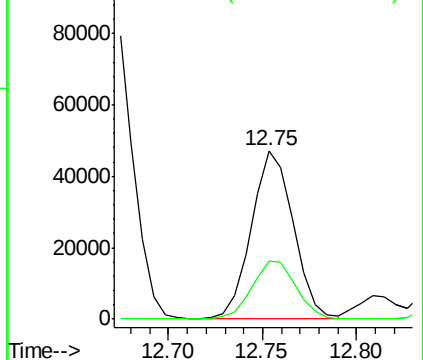
91 100

126 36.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.676 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002999.D

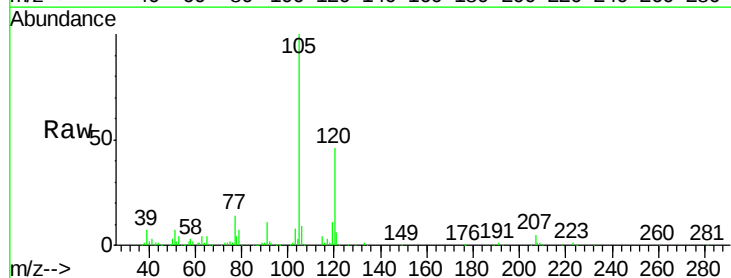
Acq: 29 Jun 2020 11:08

Tgt Ion: 105 Resp: 89677

Ion Ratio Lower Upper

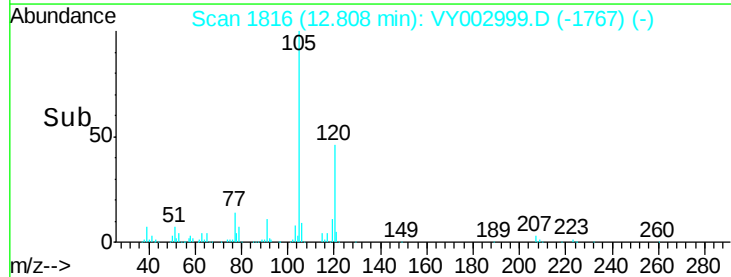
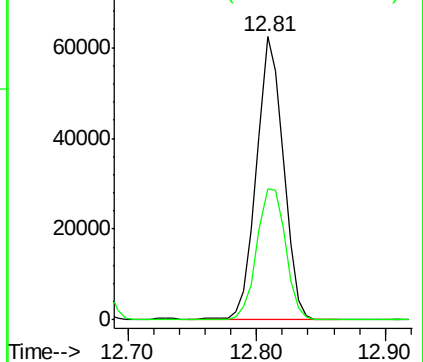
105 100

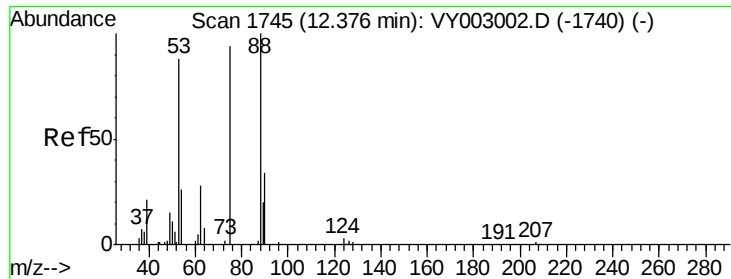
120 49.4 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.553 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

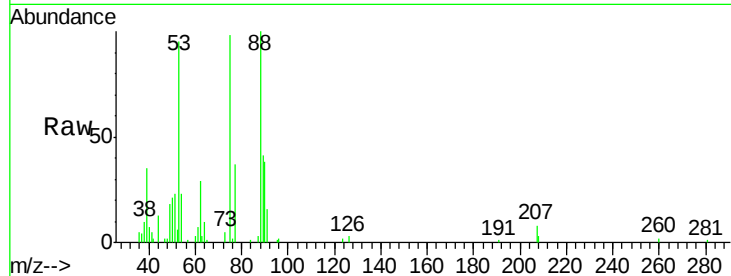
Tgt Ion: 75 Resp: 8089

Ion Ratio Lower Upper

75 100

53 103.9 73.9 110.9

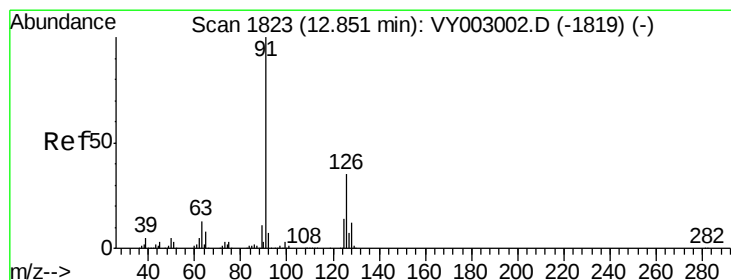
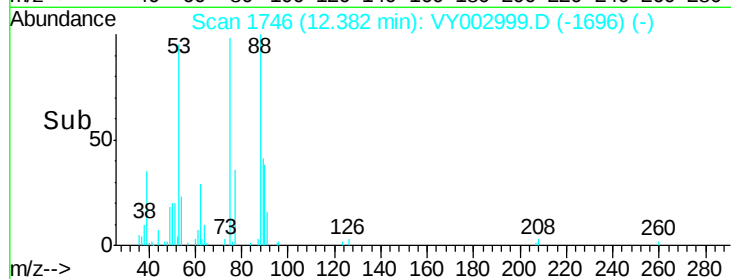
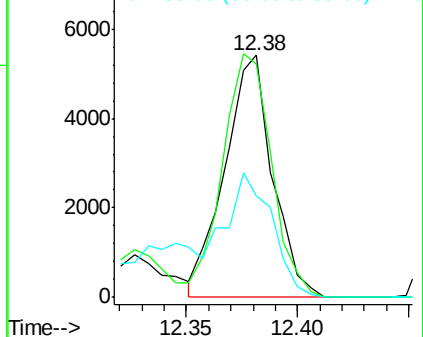
89 51.6 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 4.694 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002999.D

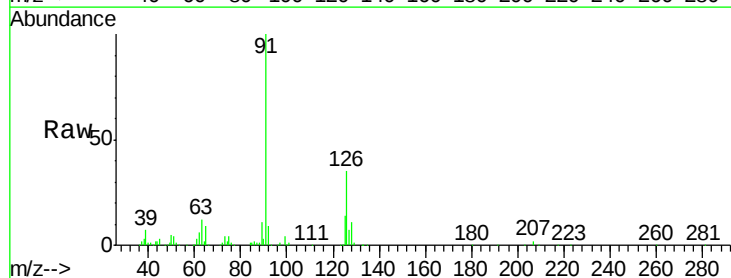
Acq: 29 Jun 2020 11:08

Tgt Ion: 91 Resp: 74991

Ion Ratio Lower Upper

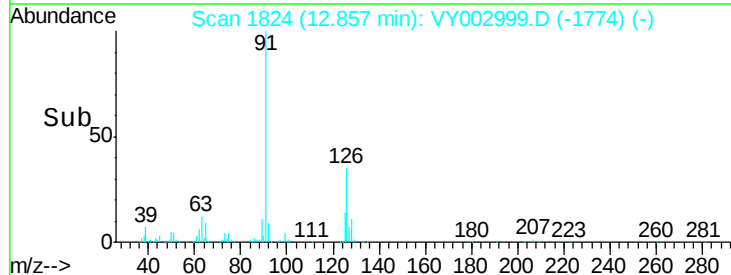
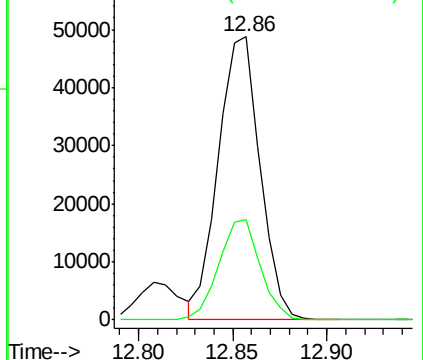
91 100

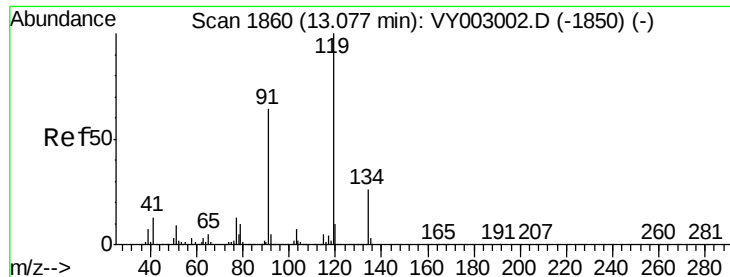
126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

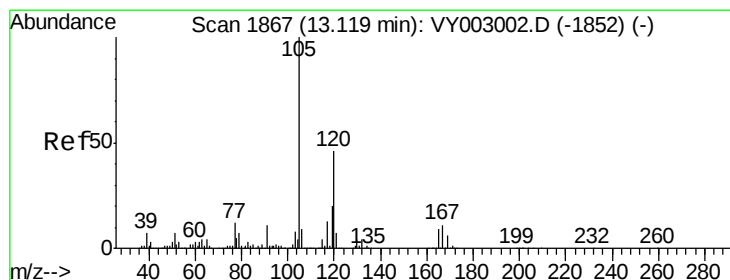
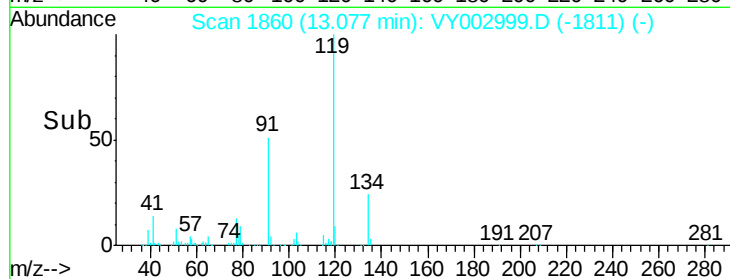
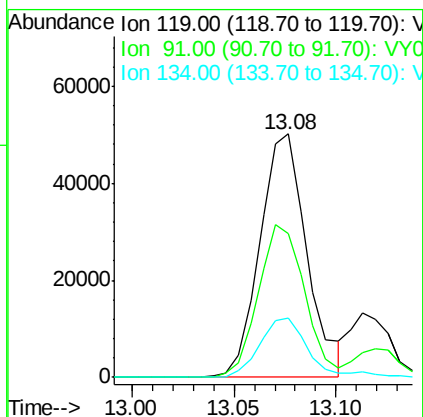
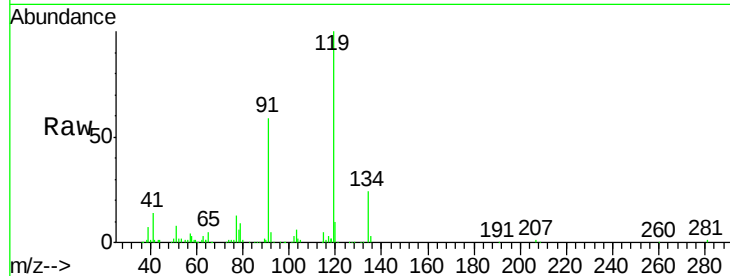




#83
 tert-Butylbenzene
 Concen: 4.784 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

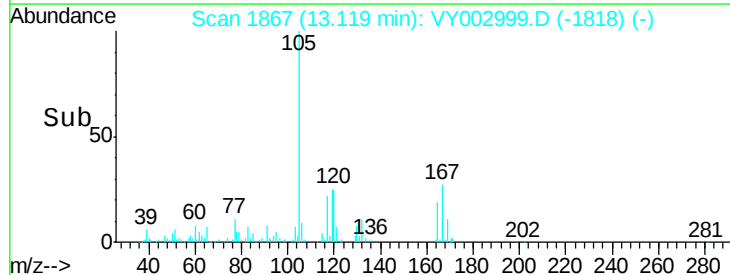
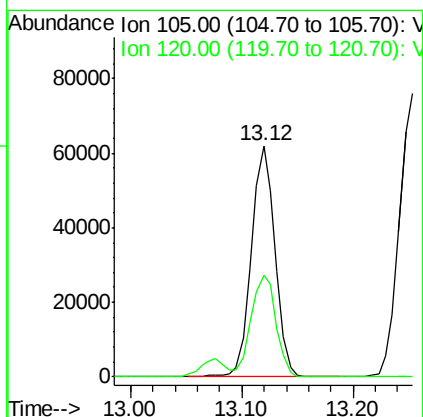
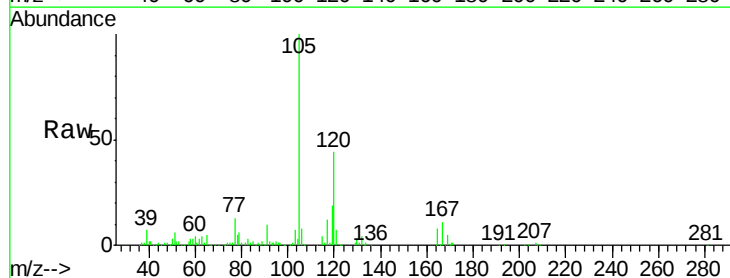
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

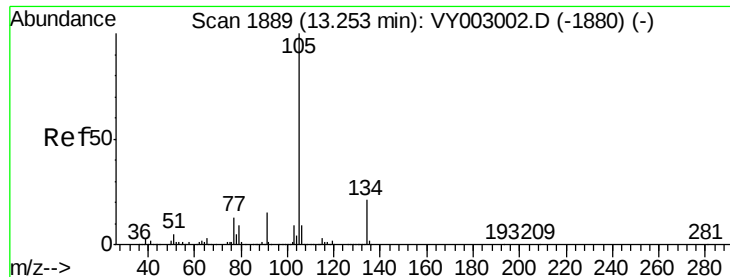
Tgt Ion:119 Resp: 80568
 Ion Ratio Lower Upper
 119 100
 91 62.2 31.6 95.0
 134 25.5 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.741 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion:105 Resp: 91629
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 4.790 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

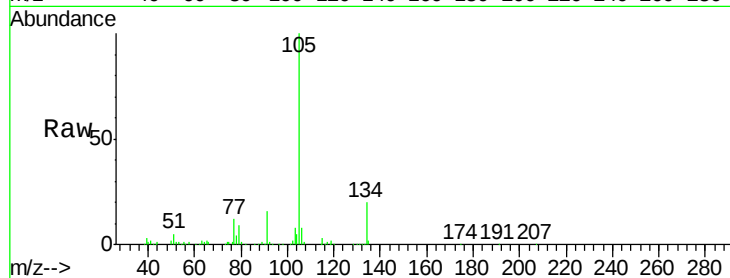
VSTDIC005

Tgt Ion:105 Resp: 111180

Ion Ratio Lower Upper

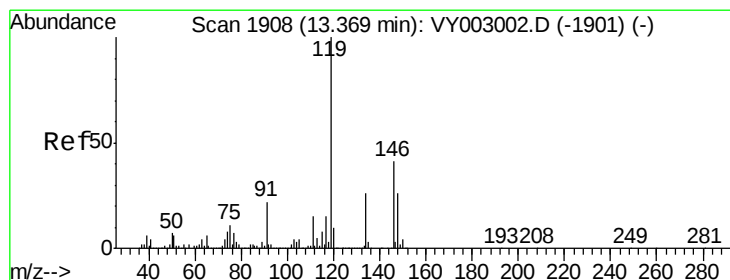
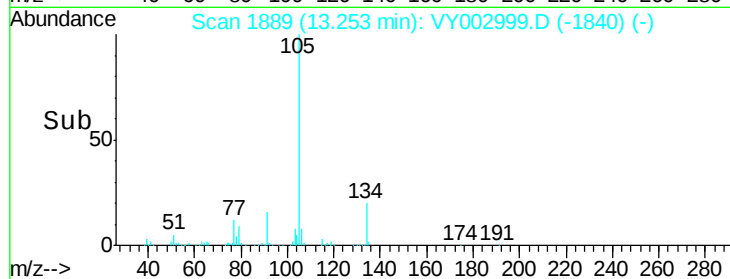
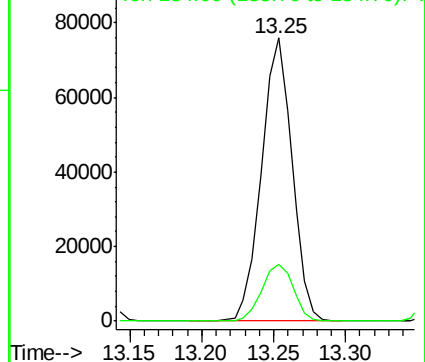
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.664 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

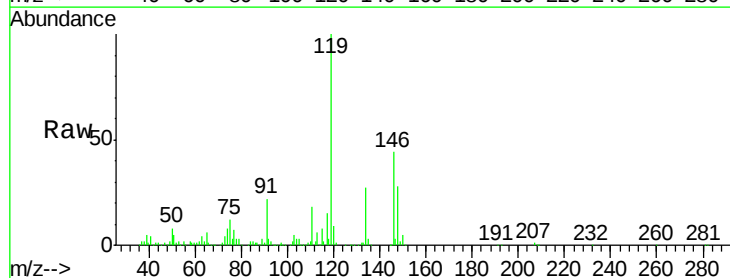
Tgt Ion:119 Resp: 100328

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

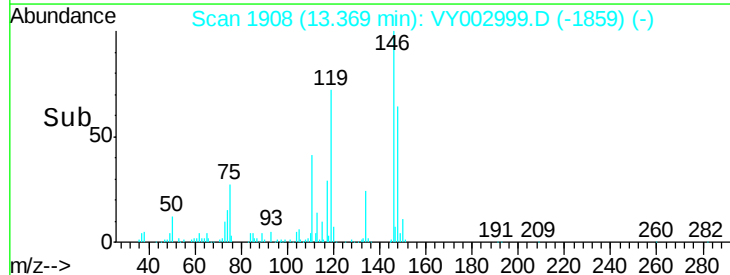
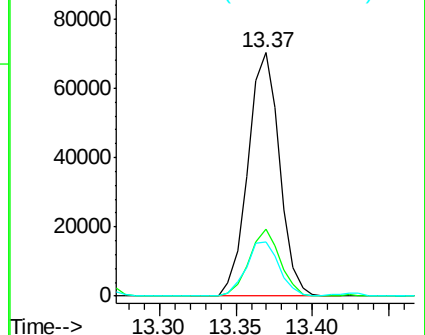
91 23.5 11.5 34.5

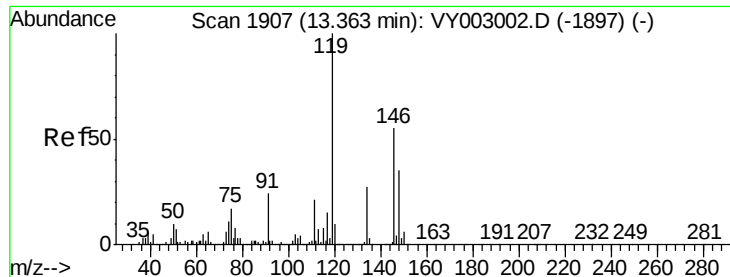


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

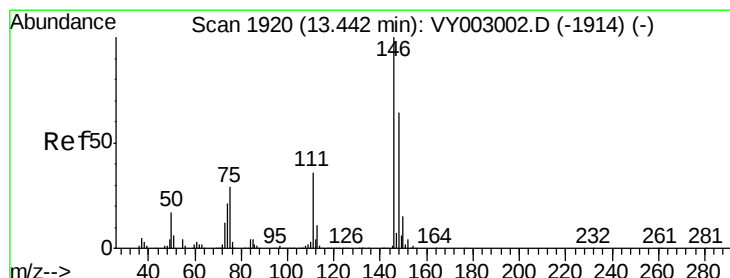
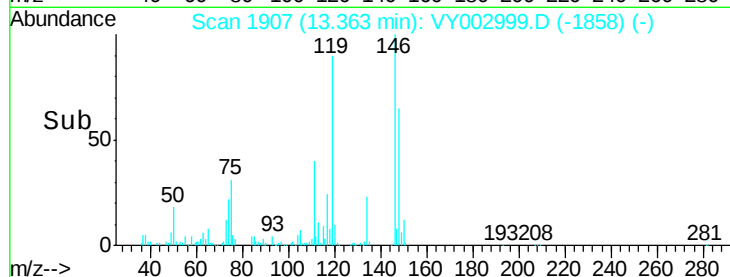
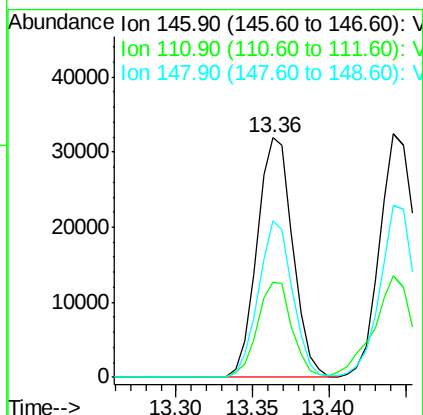
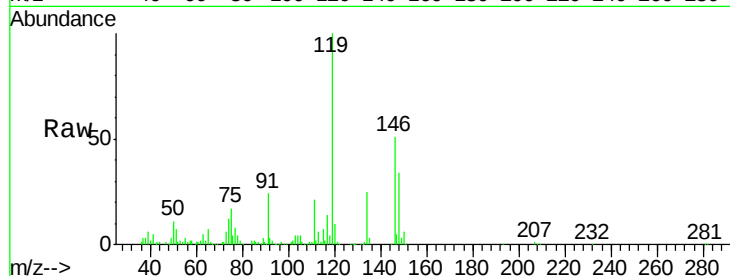




#87
 1,3-Dichlorobenzene
 Concen: 4.736 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

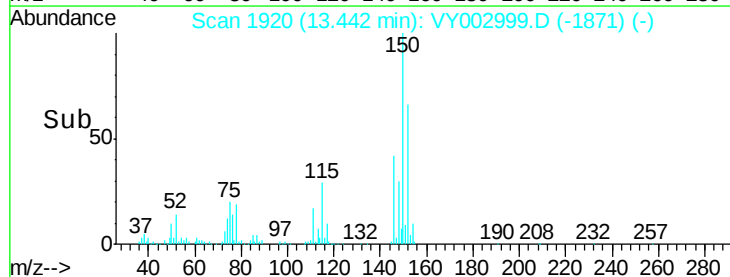
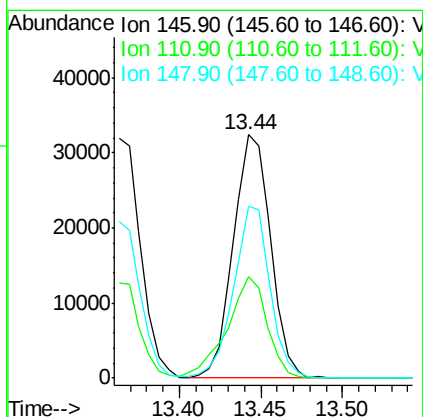
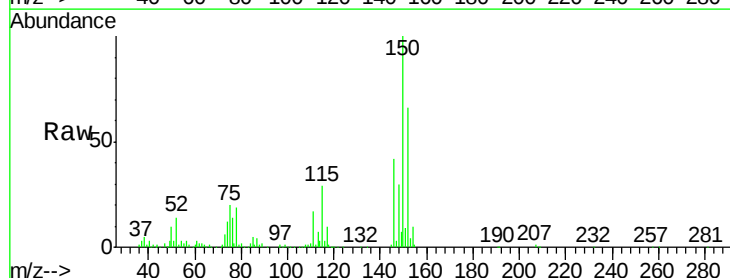
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

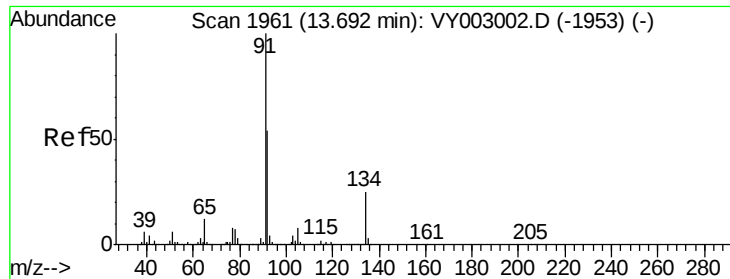
Tgt Ion:146 Resp: 51818
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.8 56.3
 148 62.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 4.792 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion:146 Resp: 51695
 Ion Ratio Lower Upper
 146 100
 111 44.7 18.4 55.4
 148 68.9 32.3 96.9

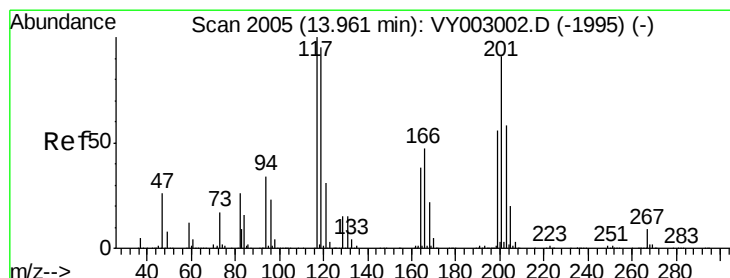
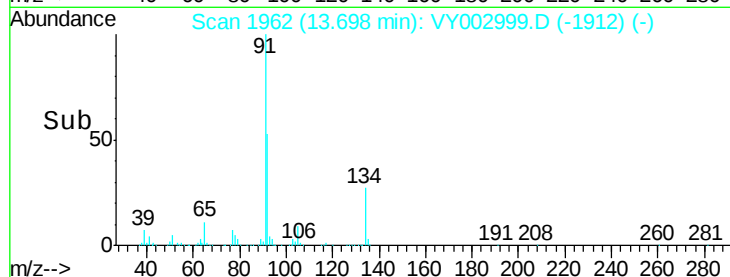
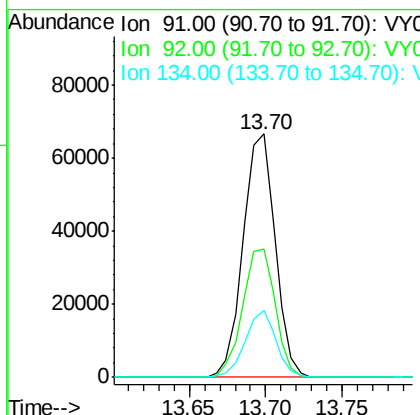
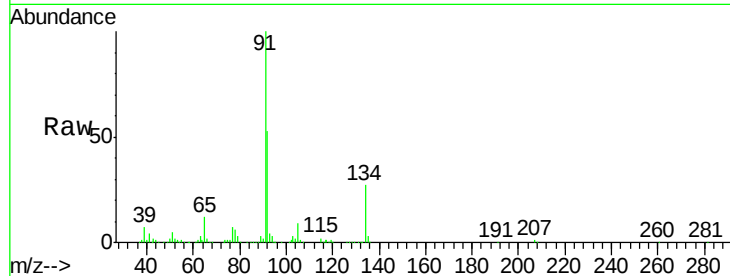




#89
n-Butylbenzene
Concen: 4.728 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

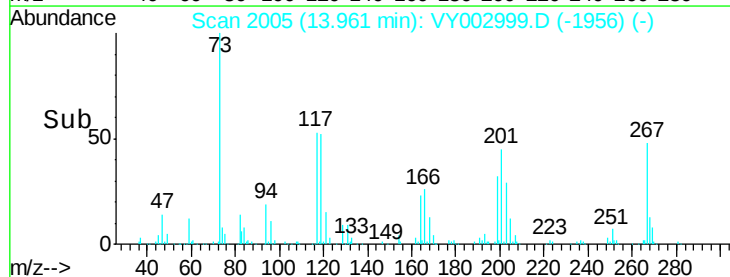
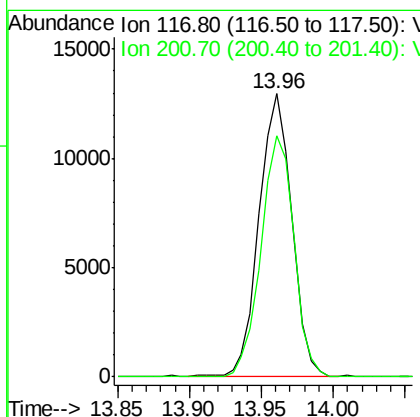
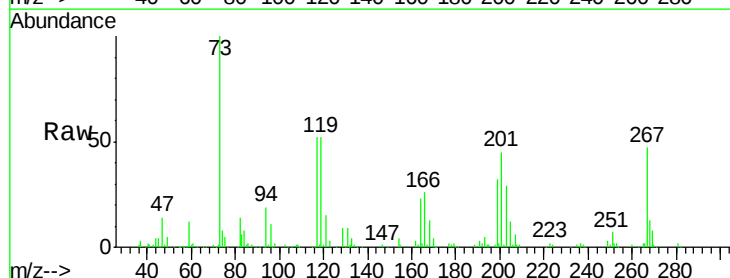
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

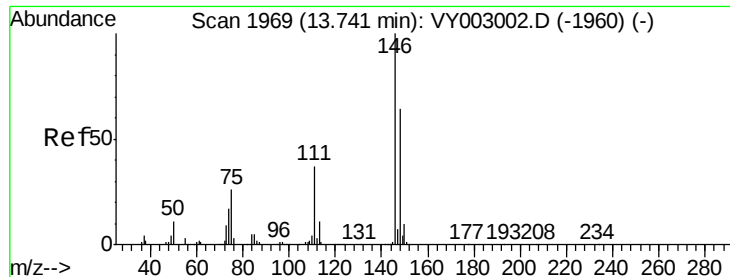
Tgt Ion: 91 Resp: 97309
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 26.3 13.1 39.1



#90
Hexachloroethane
Concen: 4.768 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002999.D
Acq: 29 Jun 2020 11:08

Tgt Ion: 117 Resp: 20364
Ion Ratio Lower Upper
117 100
201 85.7 45.5 136.4

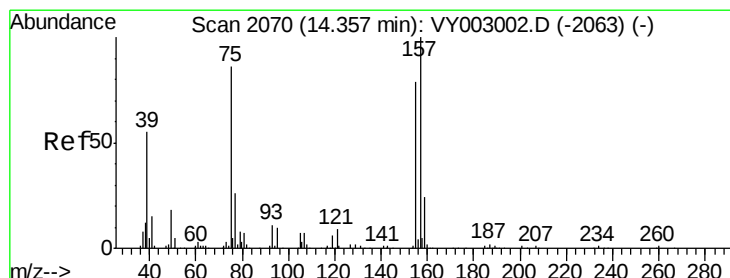
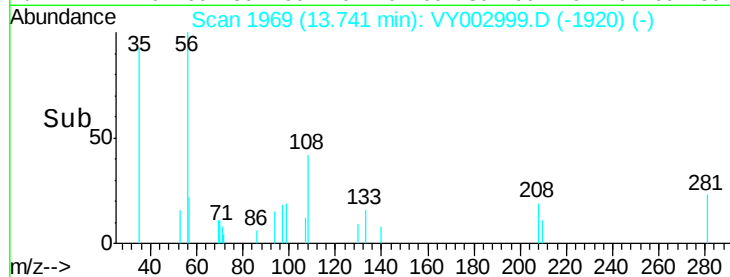
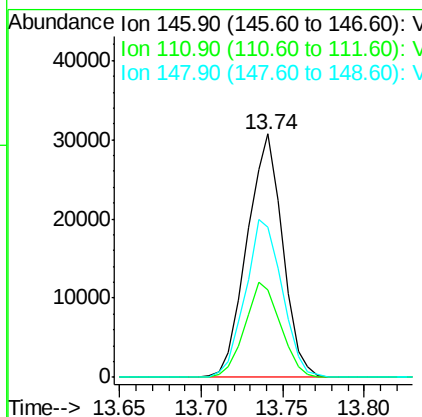
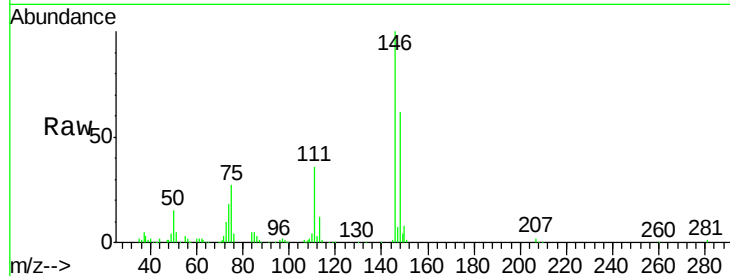




#91
 1,2-Dichlorobenzene
 Concen: 4.734 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

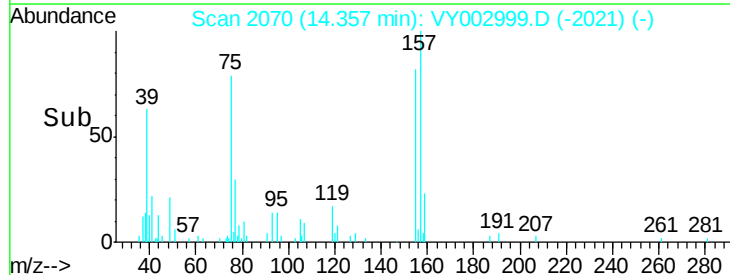
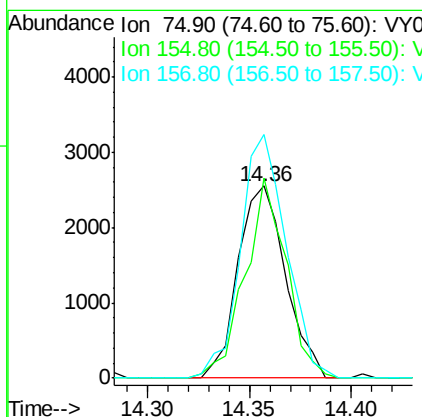
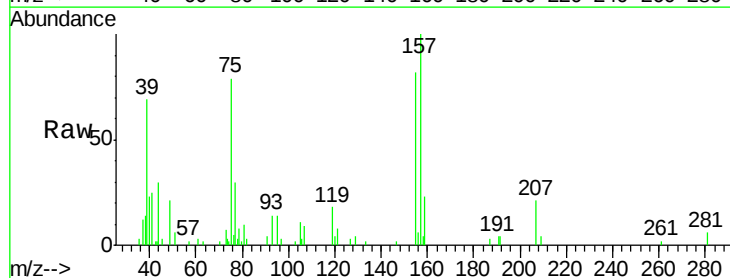
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

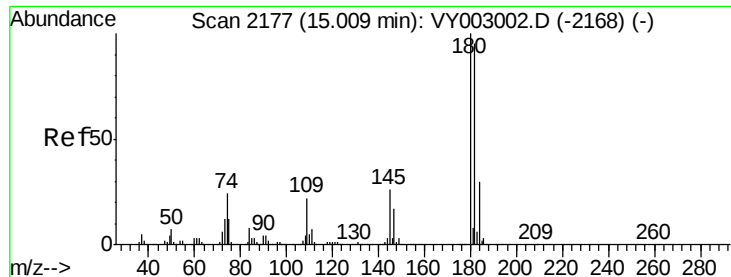
Tgt Ion: 146 Resp: 46468
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.5
 148 67.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.070 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion: 75 Resp: 4140
 Ion Ratio Lower Upper
 75 100
 155 89.7 46.5 139.3
 157 122.1 59.2 177.5

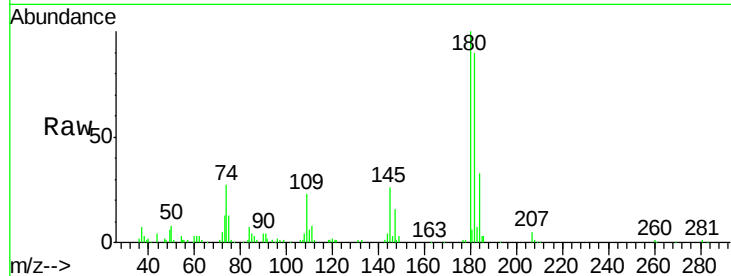




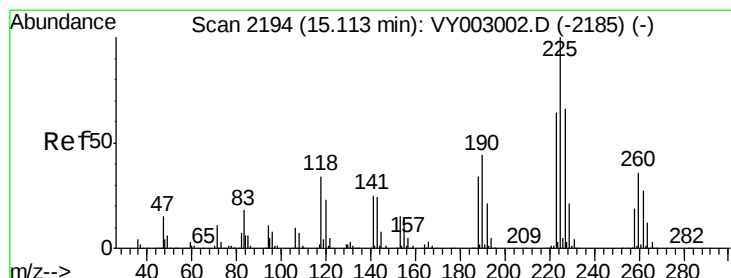
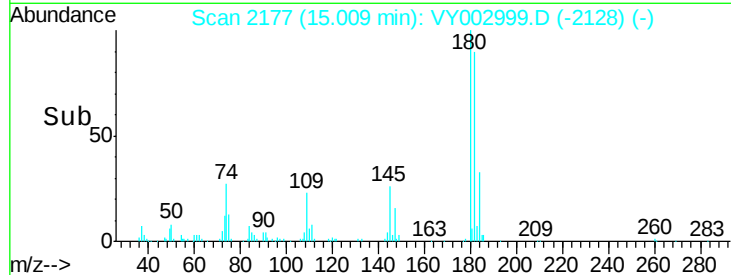
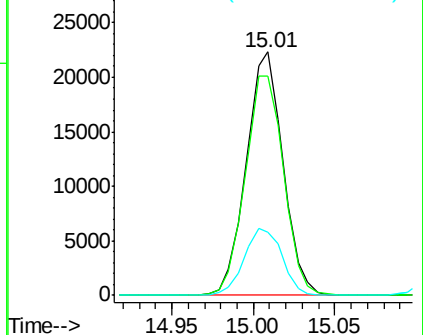
#93
 1,2,4-Trichlorobenzene
 Concen: 4.798 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 34997
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.1 144.3
 145 28.5 13.9 41.6

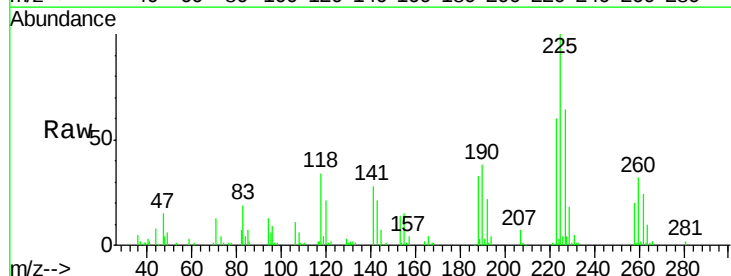


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

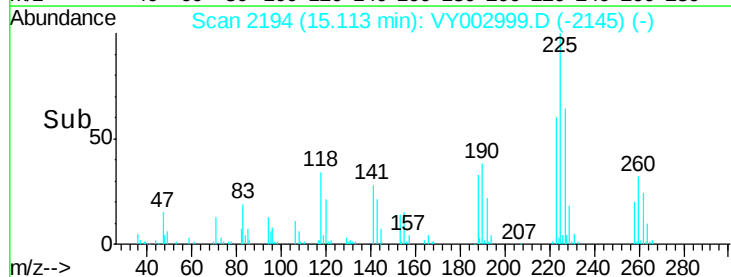
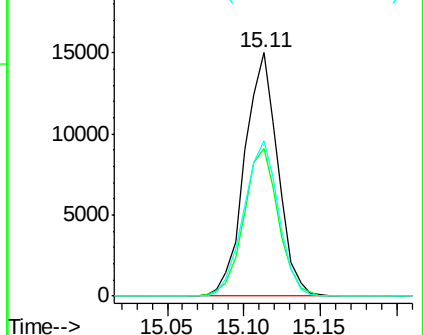


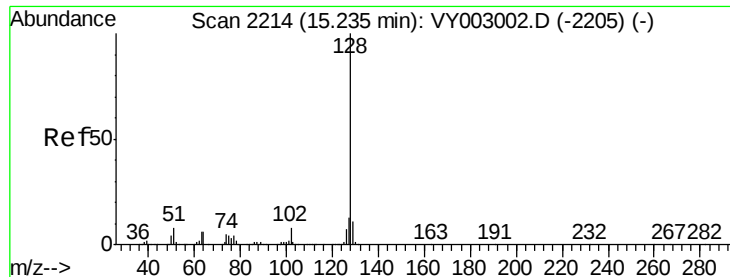
#94
 Hexachlorobutadiene
 Concen: 4.923 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002999.D
 Acq: 29 Jun 2020 11:08

Tgt Ion:225 Resp: 22651
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.4 97.0
 227 66.5 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.939 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

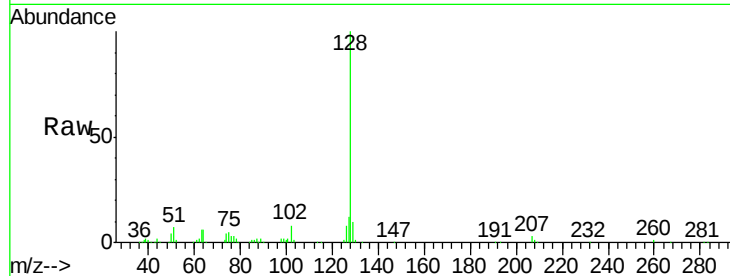
Tgt Ion:128 Resp: 65804

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

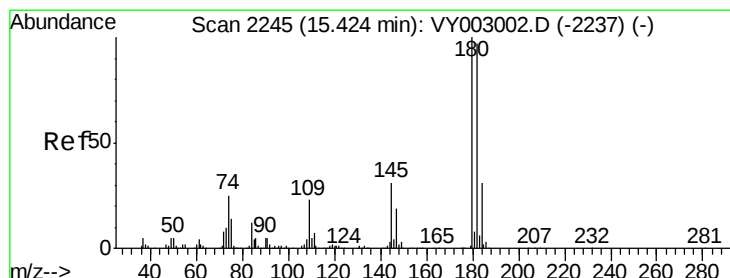
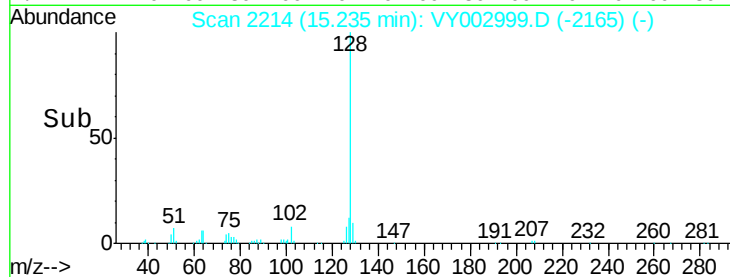
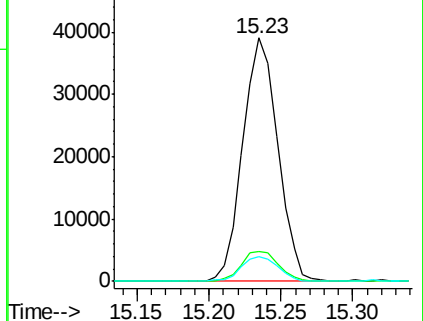
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.860 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002999.D

Acq: 29 Jun 2020 11:08

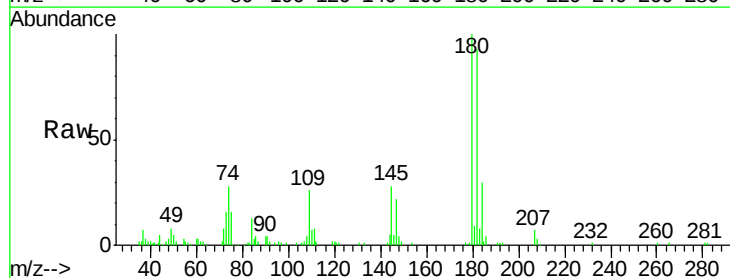
Tgt Ion:180 Resp: 30779

Ion Ratio Lower Upper

180 100

182 94.2 47.8 143.3

145 28.9 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

