

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000487.D
 Acq On : 30 Oct 2019 12:09
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 30 13:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	243328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	254417	101.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.06%	
35) Dibromofluoromethane	7.73	113	236083	98.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.68%	
50) Toluene-d8	10.18	98	978925	107.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.94%	
62) 4-Bromofluorobenzene	12.48	95	347801	100.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	252890	105.577	ug/l	96
3) Chloromethane	2.11	50	341434	103.475	ug/l	99
4) Vinyl Chloride	2.25	62	321361	104.877	ug/l	98
5) Bromomethane	2.64	94	177489	96.595	ug/l	99
6) Chloroethane	2.79	64	197252	102.857	ug/l	95
7) Trichlorofluoromethane	3.13	101	417649	100.928	ug/l	96
8) Diethyl Ether	3.53	74	144670	98.391	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	248594	99.368	ug/l	99
10) Methyl Iodide	4.09	142	346105	117.291	ug/l	99
11) Tert butyl alcohol	4.98	59	104842	427.710	ug/l	100
12) 1,1-Dichloroethene	3.87	96	250099	102.897	ug/l	95
13) Acrolein	3.73	56	104083	487.470	ug/l	100
14) Allyl chloride	4.49	41	423842	107.241	ug/l	100
15) Acrylonitrile	5.18	53	363111	482.079	ug/l	99
16) Acetone	3.95	43	345089	497.228	ug/l	96
17) Carbon Disulfide	4.19	76	807016	105.271	ug/l	99
18) Methyl Acetate	4.49	43	200028	92.693	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	681174	100.796	ug/l	100
20) Methylene Chloride	4.72	84	274280	92.231	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	280662	102.139	ug/l	98
22) Diisopropyl ether	6.13	45	941945	109.651	ug/l	96
23) Vinyl Acetate	6.07	43	2856789	526.818	ug/l	99
24) 1,1-Dichloroethane	6.03	63	484207	104.045	ug/l	100
25) 2-Butanone	7.00	43	531750	480.084	ug/l	97
26) 2,2-Dichloropropane	6.99	77	424764	99.875	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	309441	102.987	ug/l	99
28) Bromochloromethane	7.35	49	219602	116.829	ug/l	96
29) Tetrahydrofuran	7.36	42	328969	485.492	ug/l	98
30) Chloroform	7.52	83	479171	101.782	ug/l	98
31) Cyclohexane	7.79	56	486031	99.713	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	431984	102.958	ug/l	99
36) 1,1-Dichloropropene	7.92	75	391348	101.237	ug/l	99
37) Ethyl Acetate	7.08	43	217873	94.932	ug/l	99
38) Carbon Tetrachloride	7.91	117	381167	102.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	510941	102.308	ug/l	95
40) Benzene	8.17	78	1154793	101.895	ug/l	99
41) Methacrylonitrile	7.35	41	292862	228.823	ug/l #	58
42) 1,2-Dichloroethane	8.25	62	322662	100.381	ug/l	99
43) Isopropyl Acetate	8.28	43	419052	97.199	ug/l	100
44) Trichloroethene	8.94	130	298350	99.845	ug/l	100
45) 1,2-Dichloropropane	9.22	63	285631	102.402	ug/l	97
46) Dibromomethane	9.31	93	151745	98.920	ug/l	99
47) Bromodichloromethane	9.50	83	377695	103.765	ug/l	99
48) Methyl methacrylate	9.30	41	188231	99.926	ug/l	97
49) 1,4-Dioxane	9.31	88	40488	1961.103	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	1115000	486.435	ug/l	99
52) Toluene	10.25	92	751475	104.878	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	409049	105.175	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	471244	105.767	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	221315	99.747	ug/l	98
56) Ethyl methacrylate	10.51	69	325732	103.580	ug/l	99
57) 1,3-Dichloropropane	10.79	76	388027	99.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	696858	490.158	ug/l	98
59) 2-Hexanone	10.83	43	831545	497.908	ug/l	99
60) Dibromochloromethane	10.99	129	265794	104.585	ug/l	99
61) 1,2-Dibromoethane	11.09	107	213484	100.071	ug/l	99
64) Tetrachloroethene	10.72	164	297290	96.369	ug/l	97
65) Chlorobenzene	11.52	112	772903	102.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	273118	104.110	ug/l	99
67) Ethyl Benzene	11.59	91	1438131	103.305	ug/l	99
68) m/p-Xylenes	11.70	106	1108576	205.745	ug/l	97
69) o-Xylene	12.03	106	525668	103.807	ug/l	98
70) Styrene	12.05	104	929563	107.201	ug/l	99
71) Bromoform	12.21	173	155942	103.350	ug/l	100
73) Isopropylbenzene	12.33	105	1428421	104.585	ug/l	100
74) N-amyl acetate	12.14	43	419047	107.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	271391	100.356	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	371329	108.657	ug/l #	100
77) Bromobenzene	12.61	156	307476	99.276	ug/l	97
78) n-propylbenzene	12.67	91	1731861	105.093	ug/l	100
79) 2-Chlorotoluene	12.75	91	949448	103.780	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1183745	104.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	102139	108.836	ug/l	95
82) 4-Chlorotoluene	12.85	91	1005106	105.987	ug/l	98
83) tert-Butylbenzene	13.07	119	1014117	104.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1175532	103.794	ug/l	100
85) sec-Butylbenzene	13.25	105	1463377	105.755	ug/l	100
86) p-Isopropyltoluene	13.37	119	1284831	104.182	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	603421	99.468	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	607757	100.256	ug/l	100
89) n-Butylbenzene	13.69	91	1281343	105.342	ug/l	100
90) Hexachloroethane	13.96	117	240596	105.528	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	555772	100.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	44279	92.517	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:10:11 2019
Response via : Initial Calibration

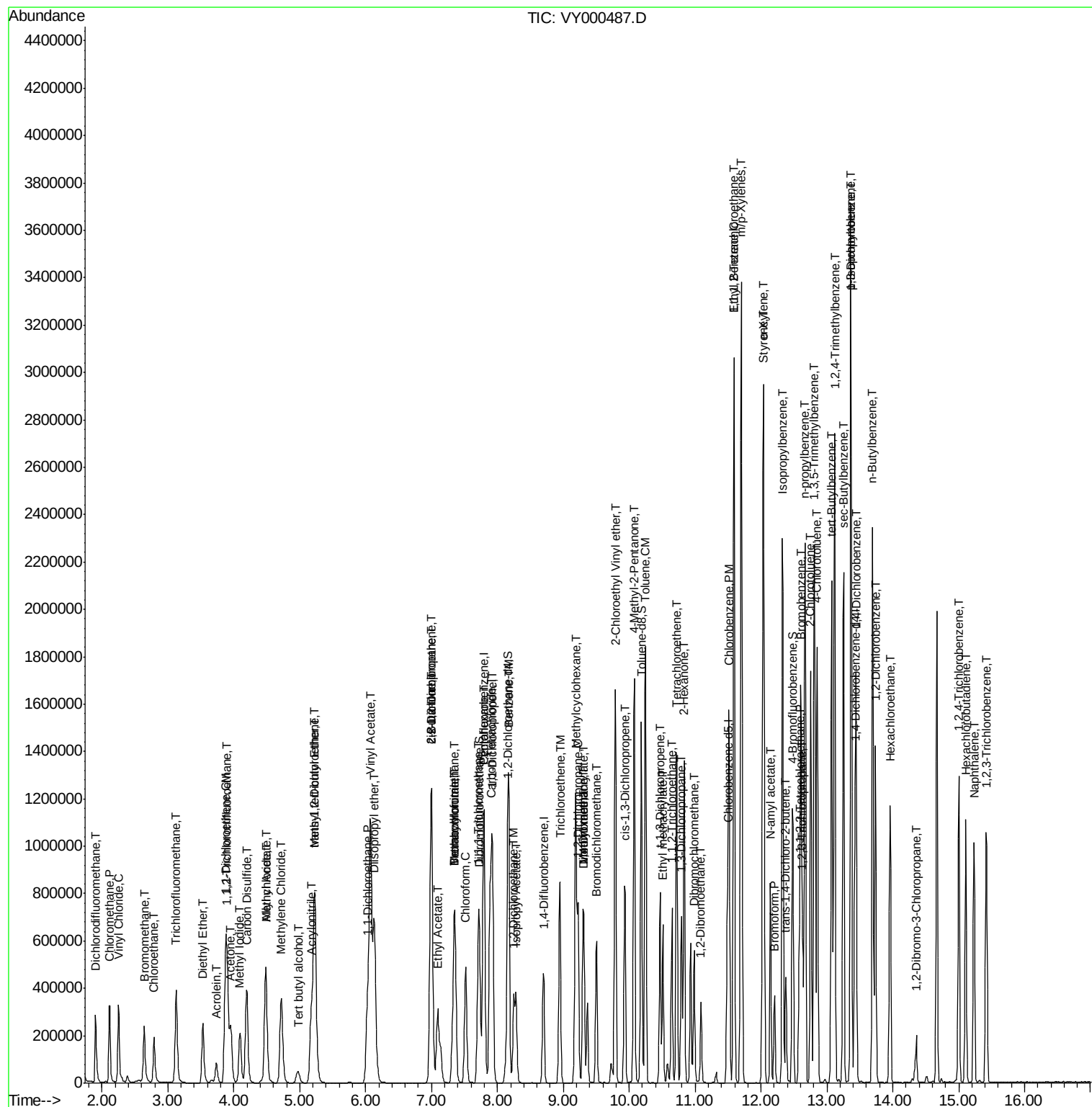
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	368917	98.436	ug/l	98
94) Hexachlorobutadiene	15.11	225	183218	94.838	ug/l	98
95) Naphthalene	15.23	128	813151	97.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	325677	96.860	ug/l	98

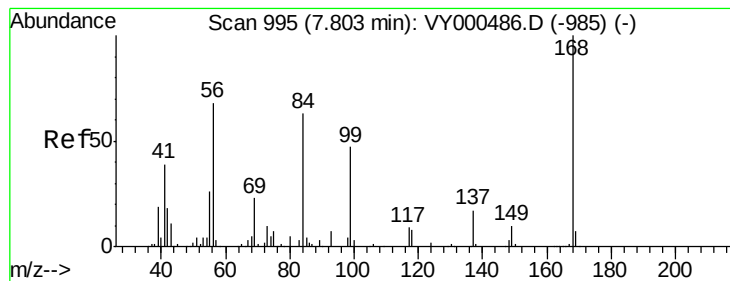
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY000487.D
 Acq On : 30 Oct 2019 12:09
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 30 13:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

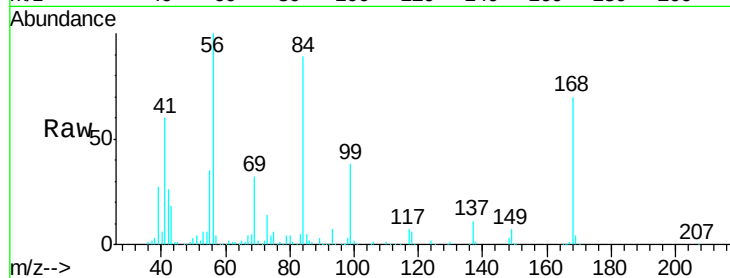
VSTDIC100

Tgt Ion: 168 Resp: 243328

Ion Ratio Lower Upper

168 100

99 54.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

60000

40000

20000

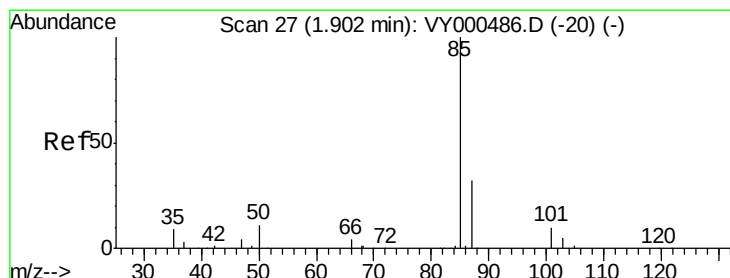
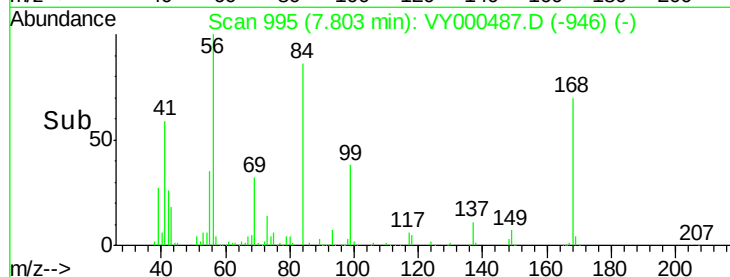
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 105.577 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000487.D

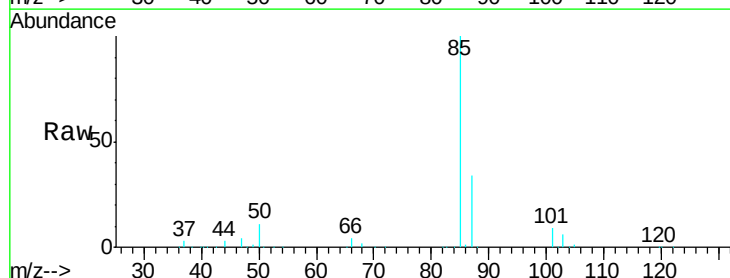
Acq: 30 Oct 2019 12:09

Tgt Ion: 85 Resp: 252890

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

150000

100000

50000

0

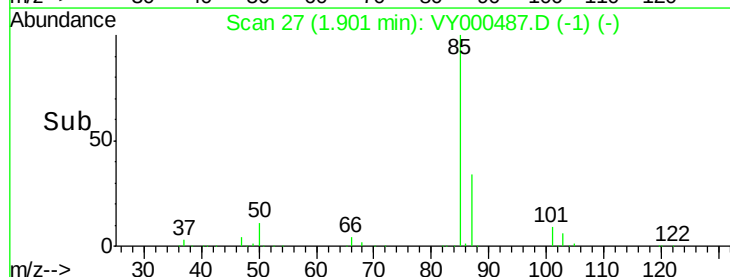
1.80

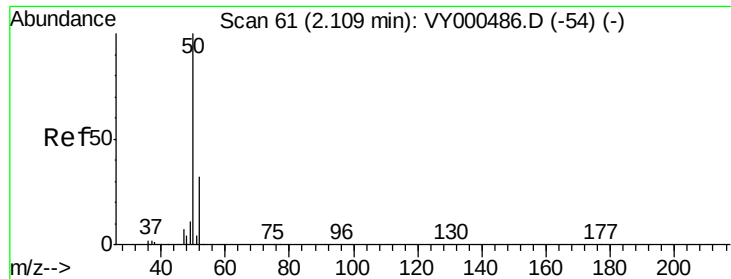
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 103.475 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

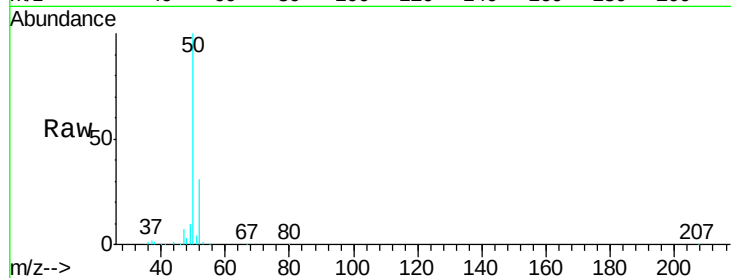
VSTDIC100

Tgt Ion: 50 Resp: 341434

Ion Ratio Lower Upper

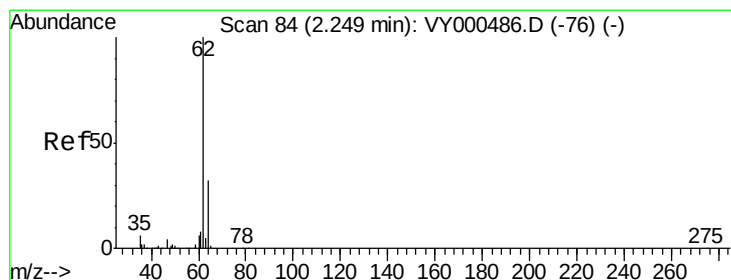
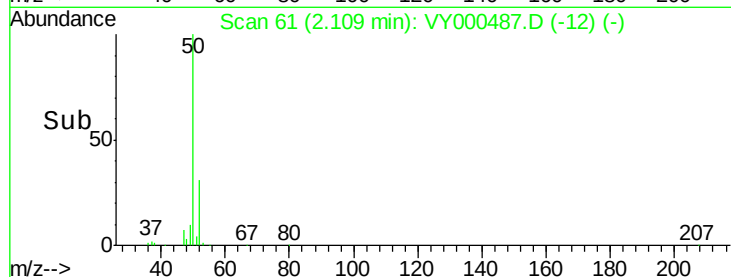
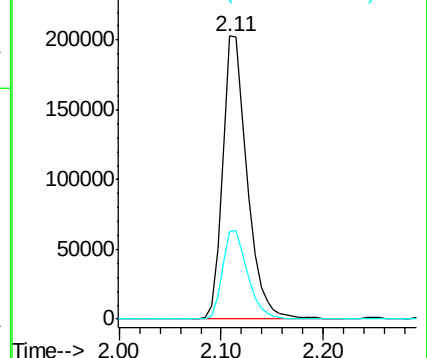
50 100

52 31.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 104.877 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000487.D

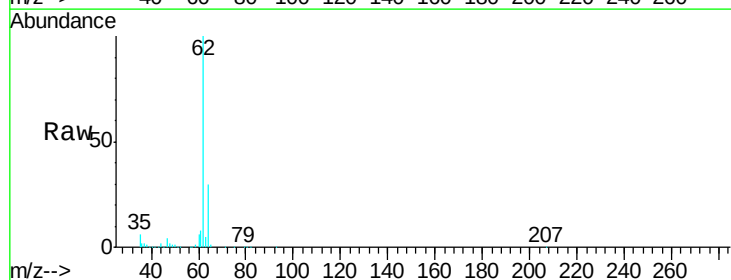
Acq: 30 Oct 2019 12:09

Tgt Ion: 62 Resp: 321361

Ion Ratio Lower Upper

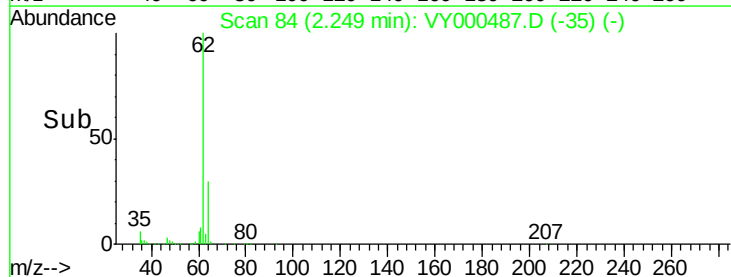
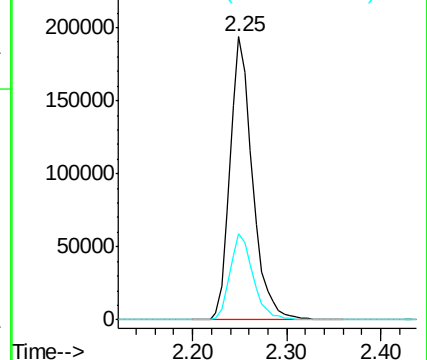
62 100

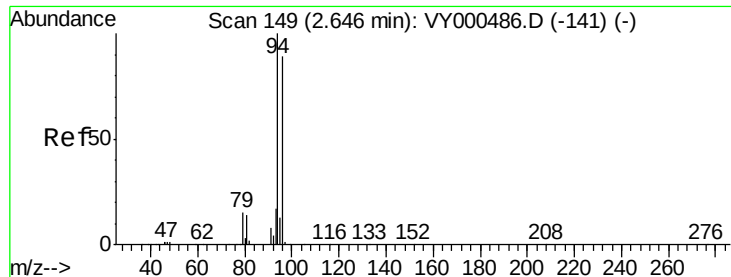
64 30.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 96.595 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

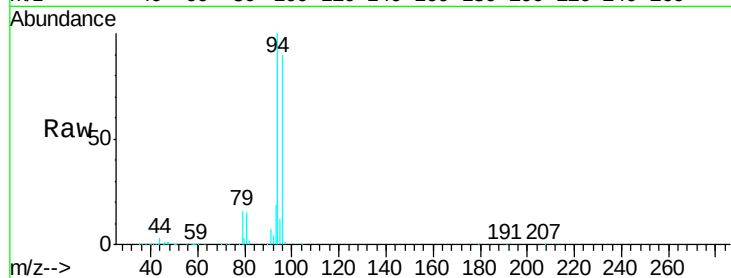
VSTDIC100

Tgt Ion: 94 Resp: 177489

Ion Ratio Lower Upper

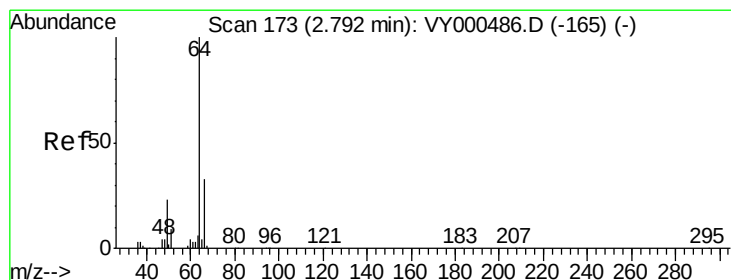
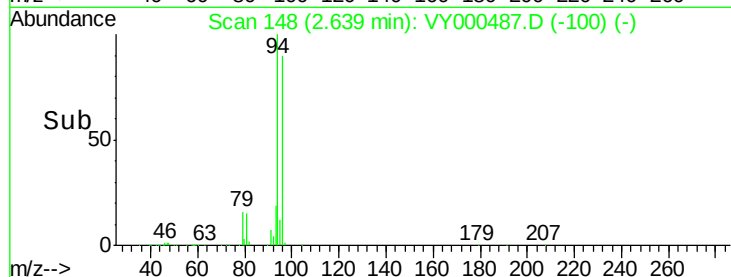
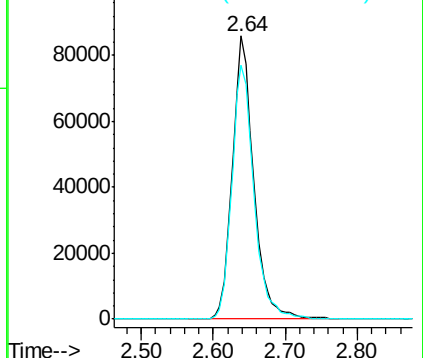
94 100

96 89.8 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 102.857 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000487.D

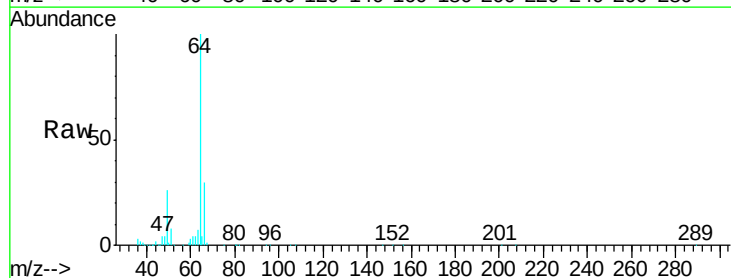
Acq: 30 Oct 2019 12:09

Tgt Ion: 64 Resp: 197252

Ion Ratio Lower Upper

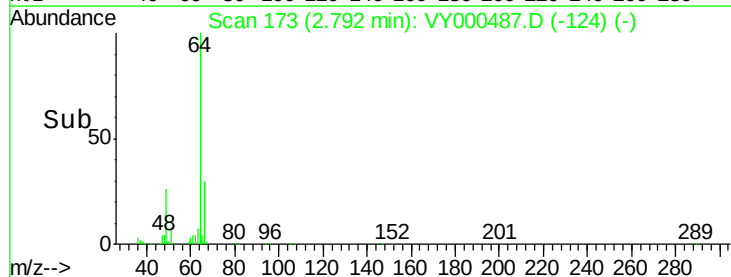
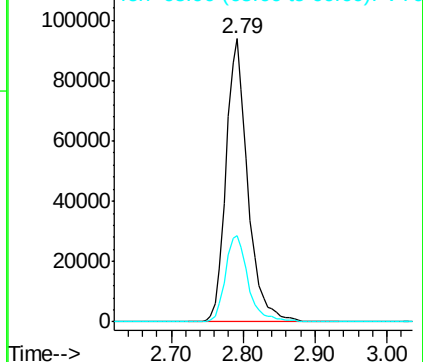
64 100

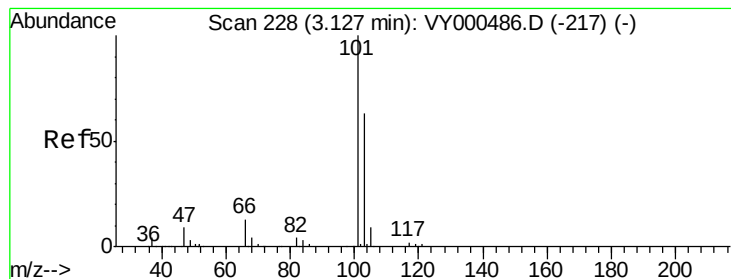
66 30.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



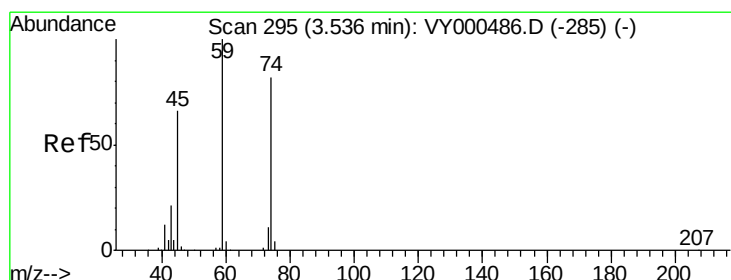
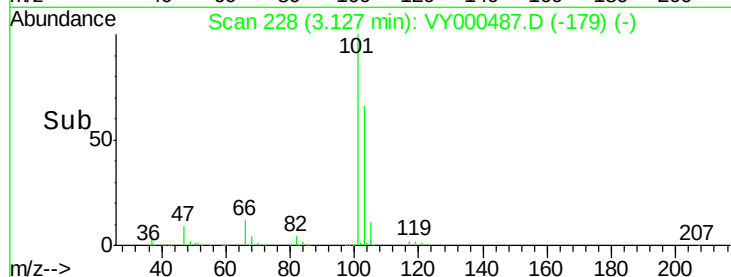
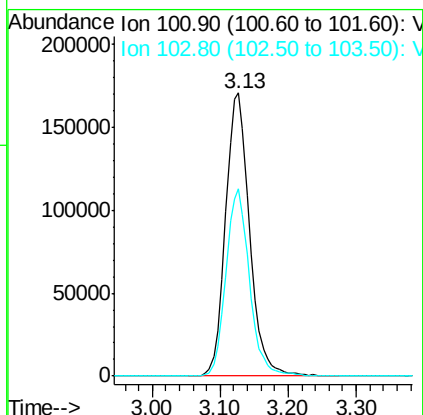
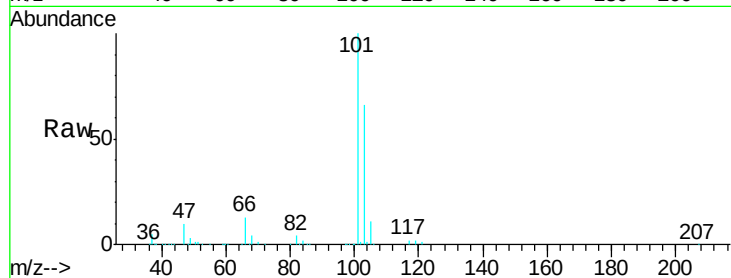


#7

Trichlorofluoromethane
 Concen: 100.928 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000487.D
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Instrument :
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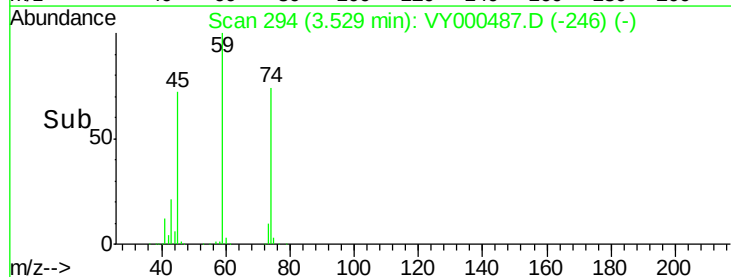
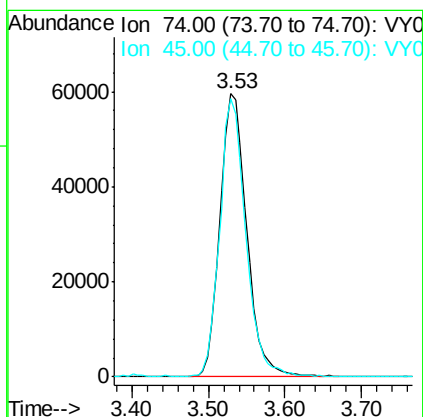
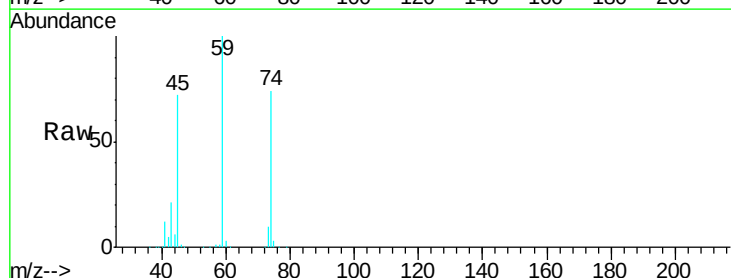
Tgt Ion:101 Resp: 417649
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.5 75.7

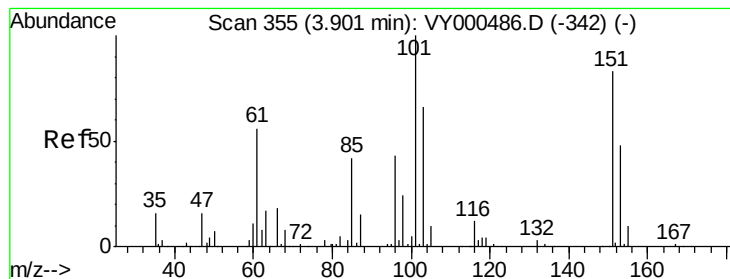


#8

Diethyl Ether
 Concen: 98.391 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 74 Resp: 144670
 Ion Ratio Lower Upper
 74 100
 45 95.6 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.368 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

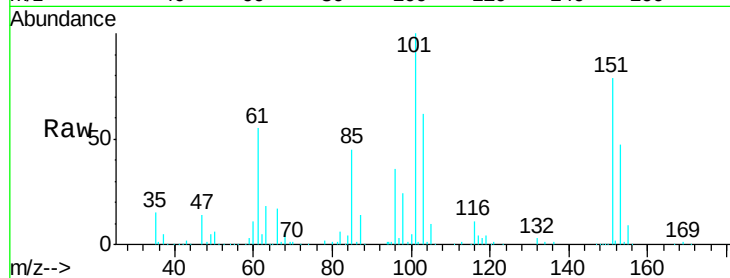
Tgt Ion:101 Resp: 248594

Ion Ratio Lower Upper

101 100

85 46.6 36.7 55.1

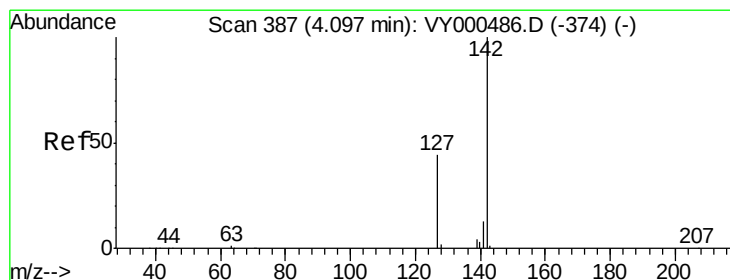
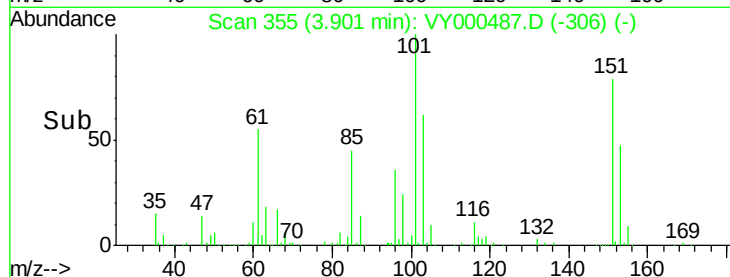
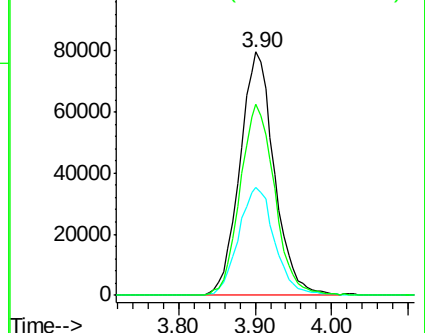
151 79.5 64.3 96.5



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: 117.291 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

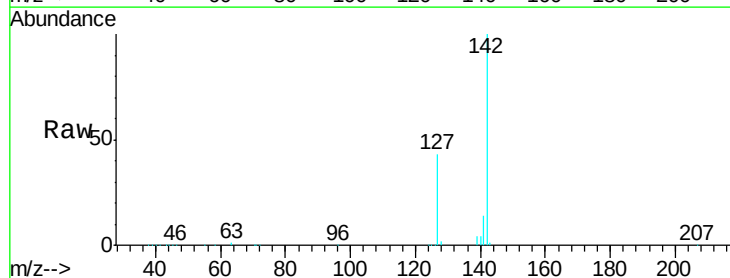
Tgt Ion:142 Resp: 346105

Ion Ratio Lower Upper

142 100

127 43.0 33.7 50.5

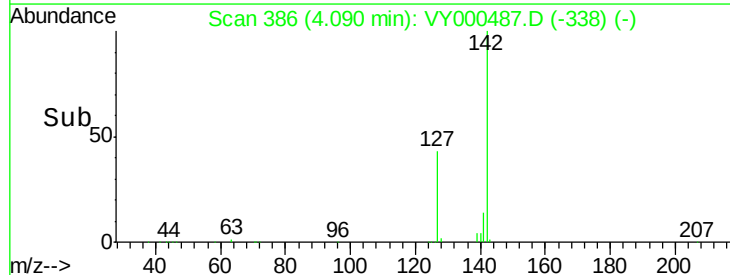
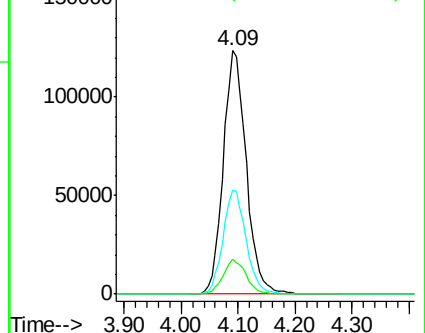
141 14.3 10.9 16.3

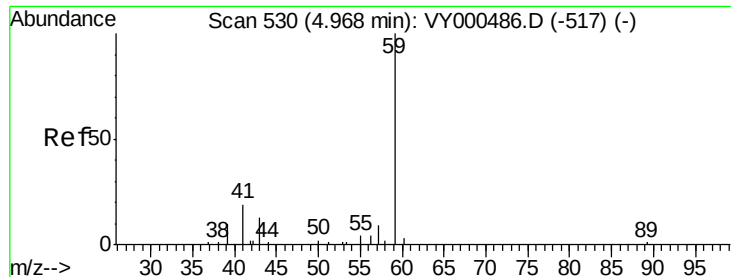


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



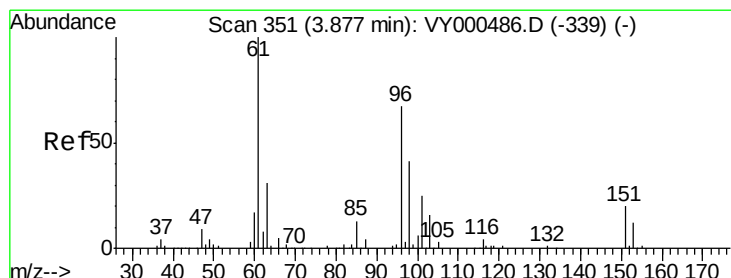
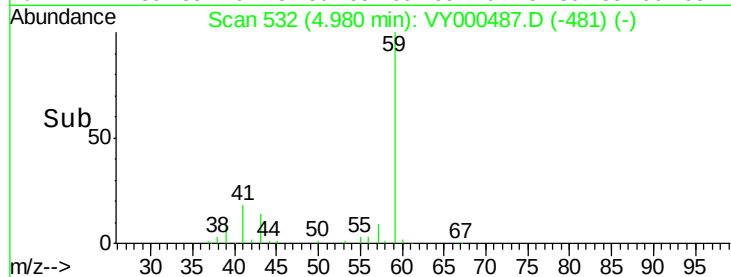
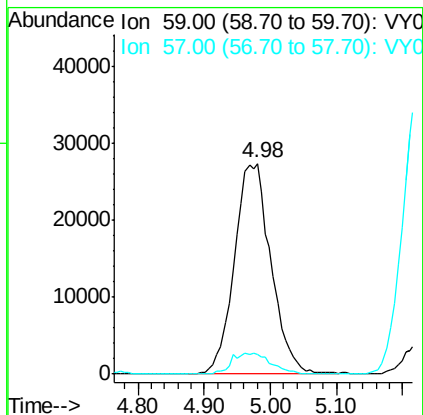
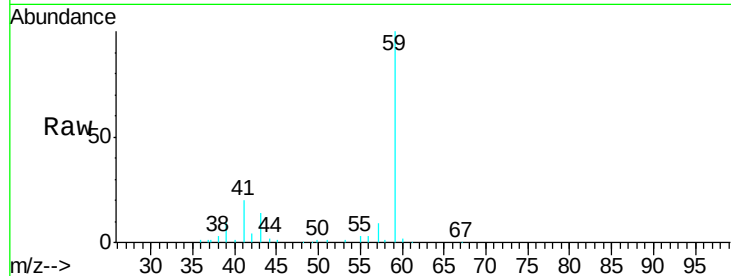


#11

Tert butyl alcohol
 Concen: 427.710 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

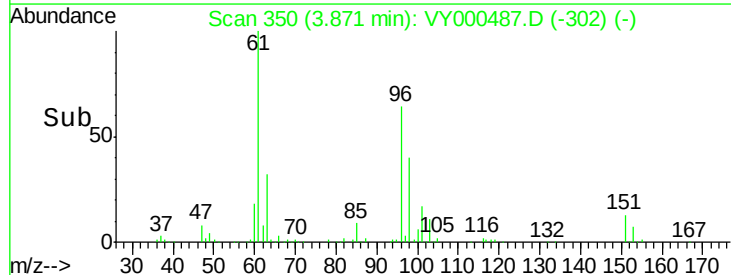
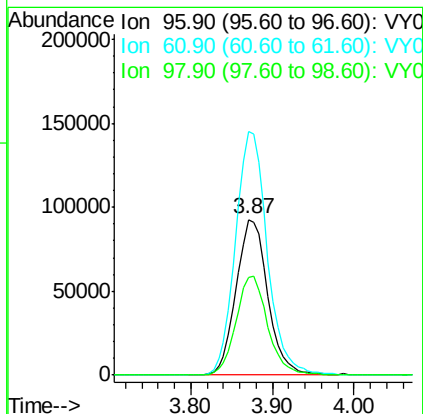
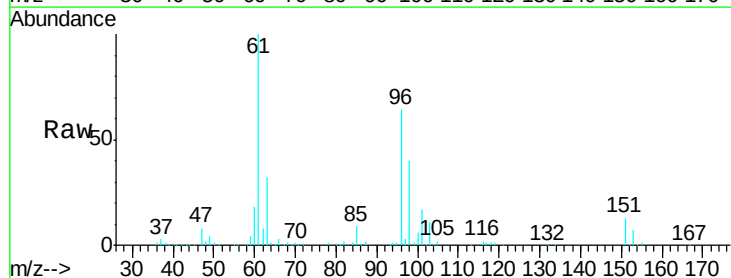
Tgt Ion: 59 Resp: 104842
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8

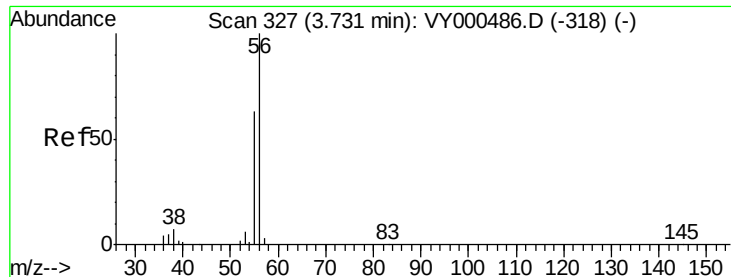


#12

1,1-Dichloroethene
 Concen: 102.897 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 96 Resp: 250099
 Ion Ratio Lower Upper
 96 100
 61 156.4 119.2 178.8
 98 62.9 48.6 73.0





#13

Acrolein

Concen: 487.470 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

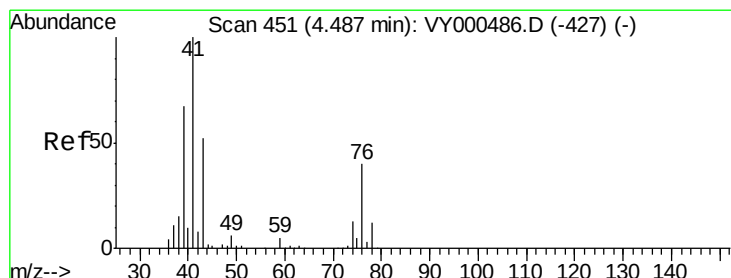
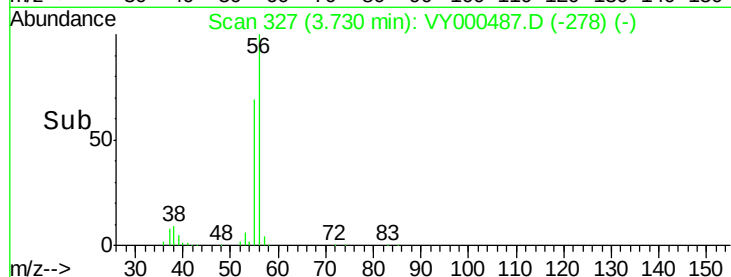
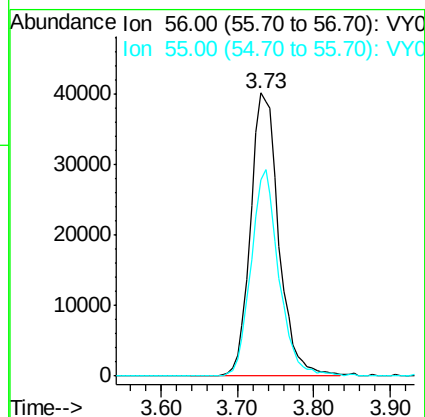
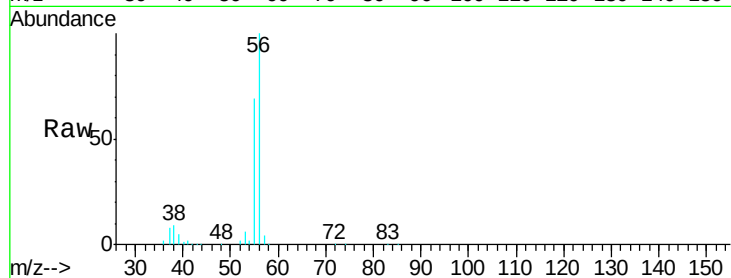
VSTDIC100

Tgt Ion: 56 Resp: 104083

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6



#14

Allyl chloride

Concen: 107.241 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

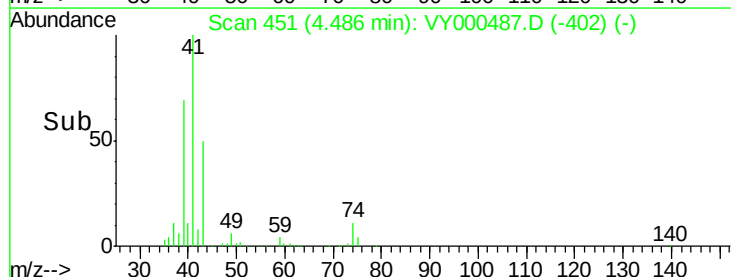
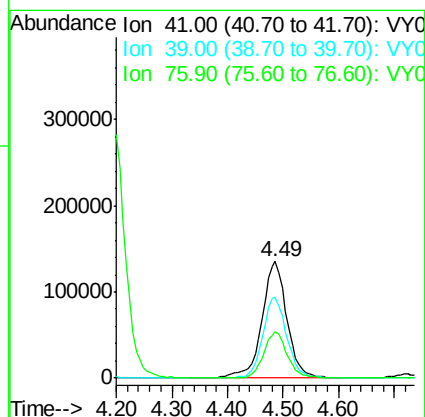
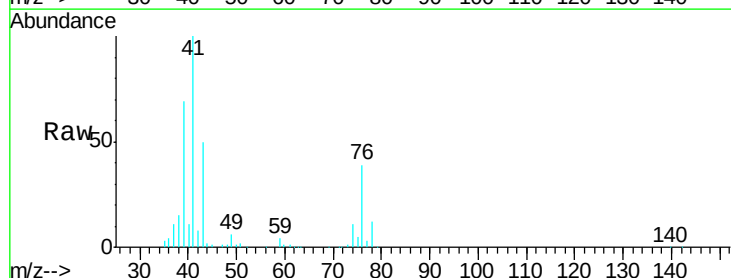
Tgt Ion: 41 Resp: 423842

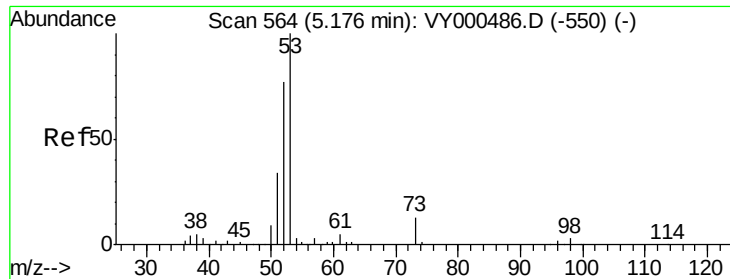
Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 37.4 29.8 44.6





#15

Acrylonitrile

Concen: 482.079 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

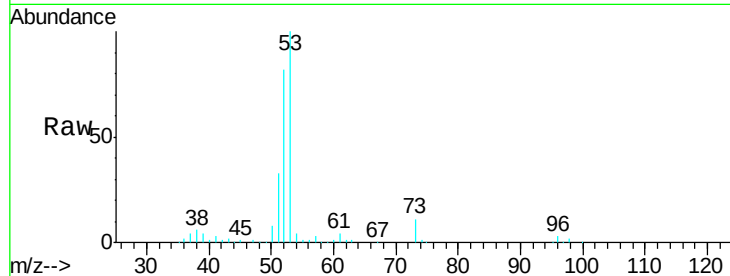
Tgt Ion: 53 Resp: 363111

Ion Ratio Lower Upper

53 100

52 82.3 64.9 97.3

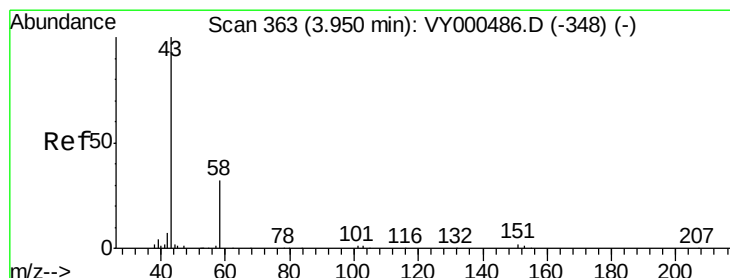
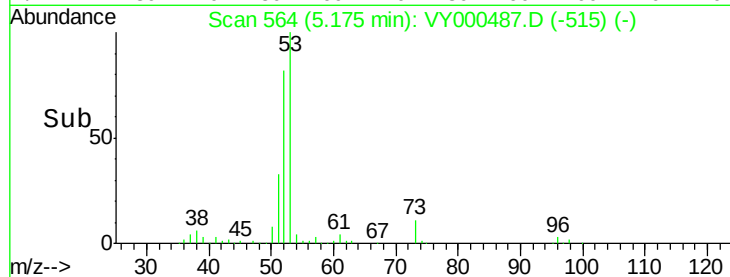
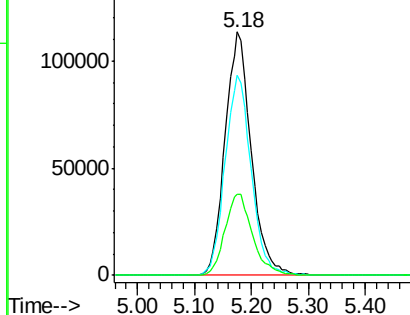
51 35.4 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 497.228 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY000487.D

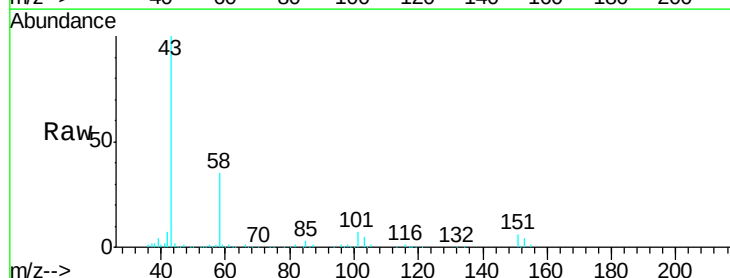
Acq: 30 Oct 2019 12:09

Tgt Ion: 43 Resp: 345089

Ion Ratio Lower Upper

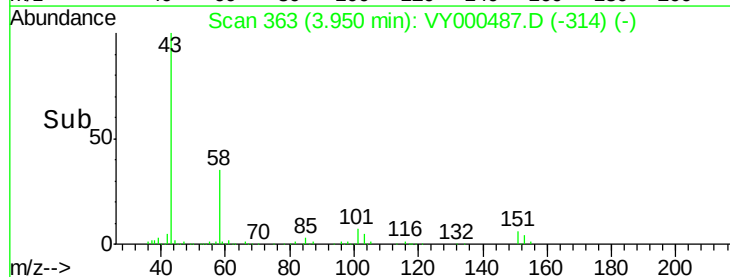
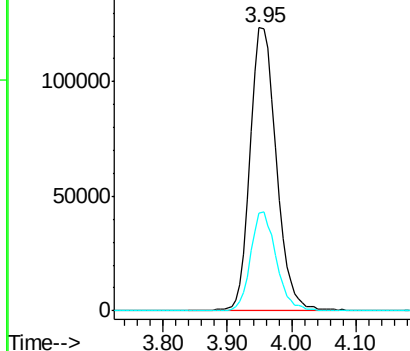
43 100

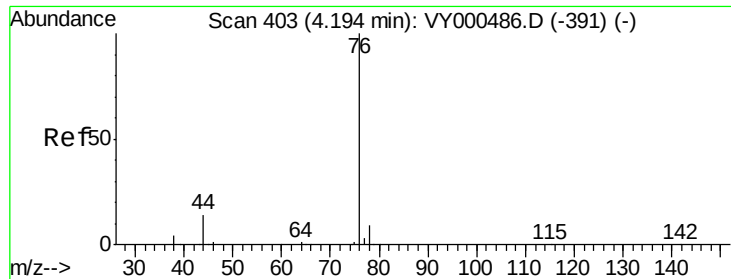
58 34.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 105.271 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

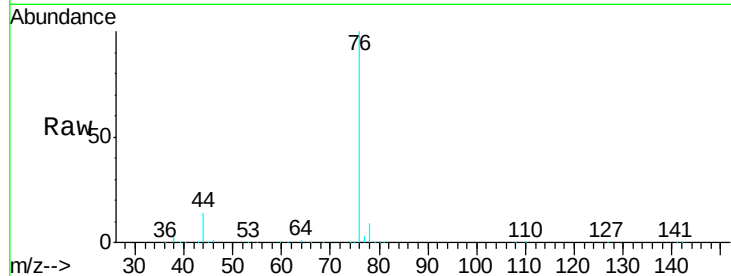
VSTDIC100

Tgt Ion: 76 Resp: 807016

Ion Ratio Lower Upper

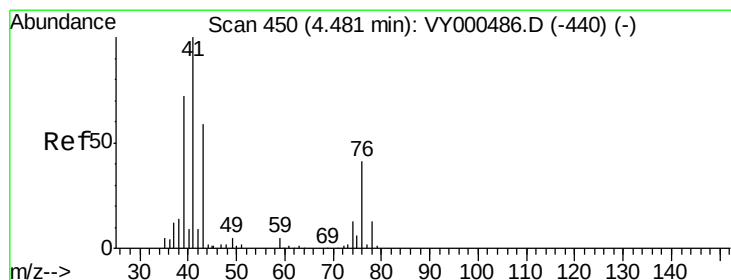
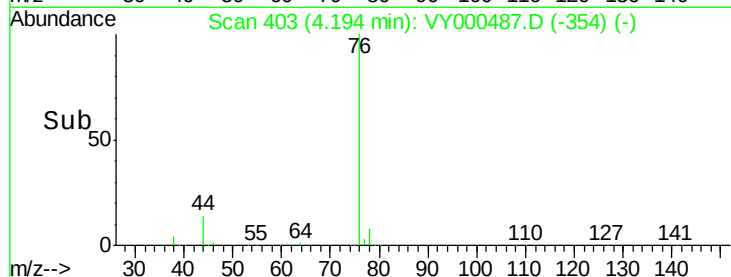
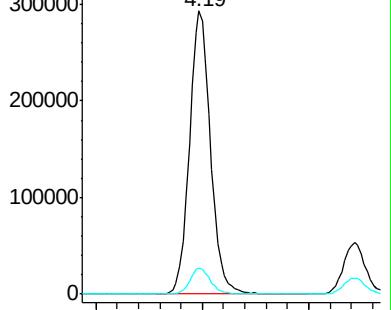
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 92.693 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000487.D

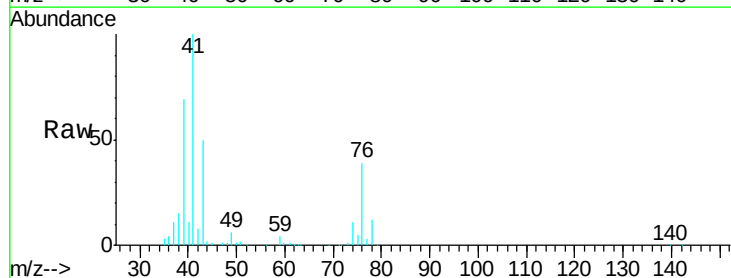
Acq: 30 Oct 2019 12:09

Tgt Ion: 43 Resp: 200028

Ion Ratio Lower Upper

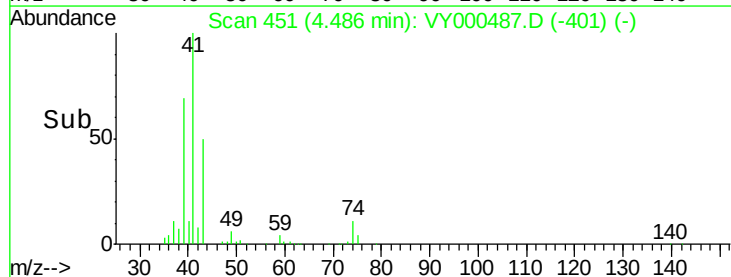
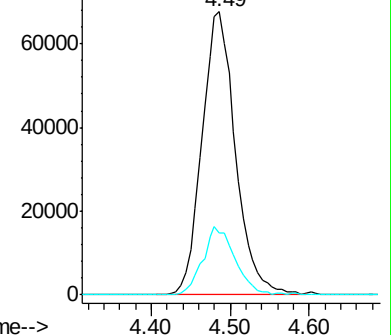
43 100

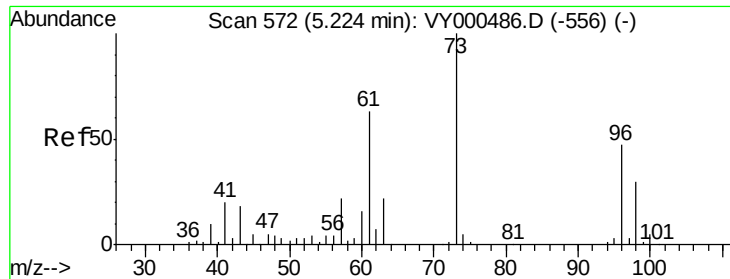
74 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

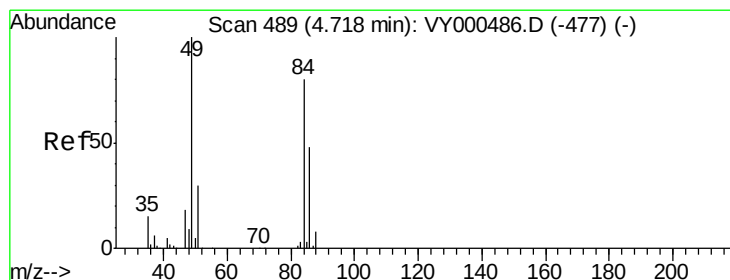
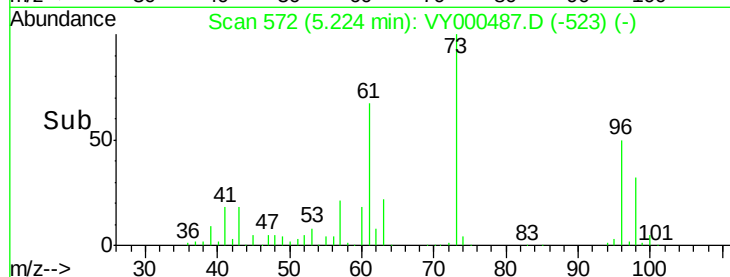
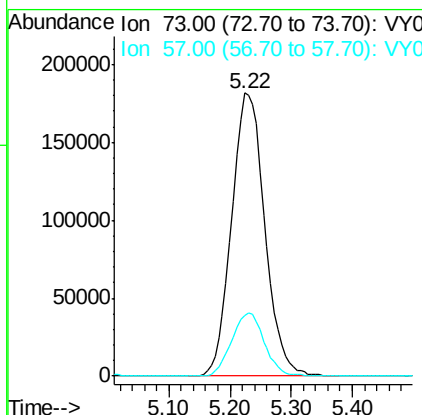
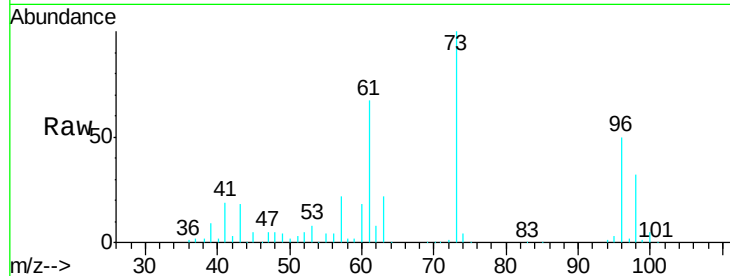




#19
Methyl tert-butyl Ether
Concen: 100.796 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

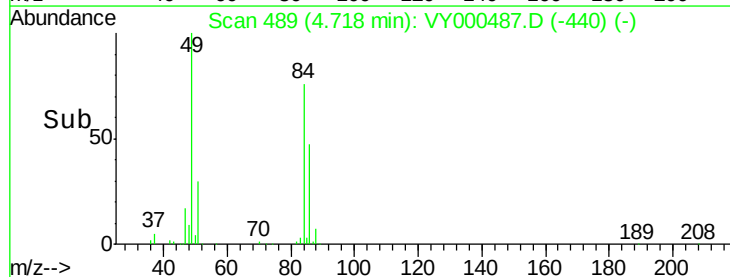
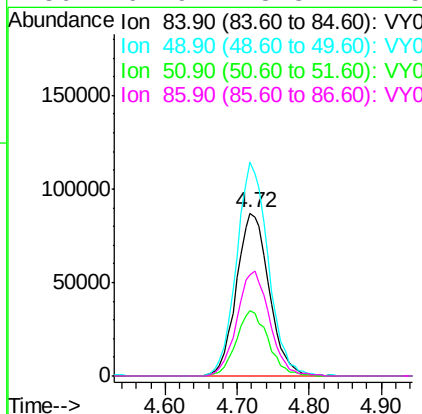
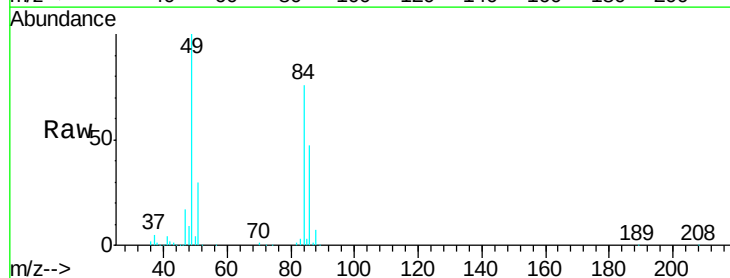
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

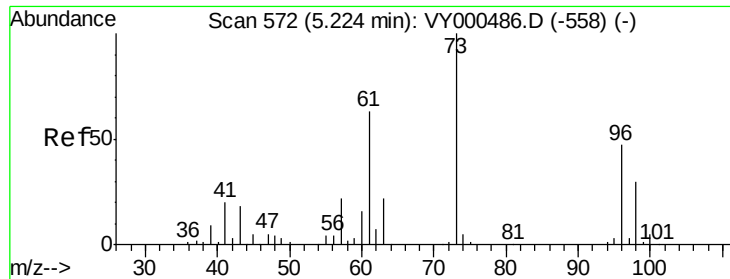
Tgt Ion: 73 Resp: 681174
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 92.231 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 84 Resp: 274280
Ion Ratio Lower Upper
84 100
49 131.2 100.2 150.4
51 39.8 29.6 44.4
86 61.9 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 102.139 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

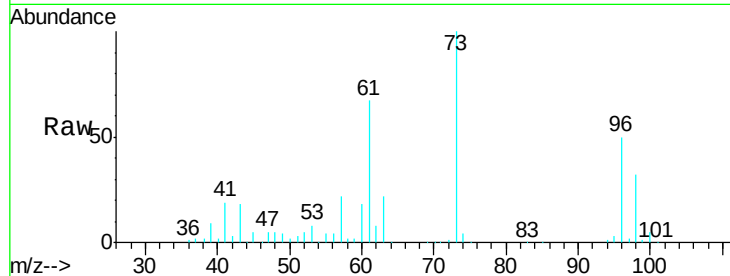
Tgt Ion: 96 Resp: 280662

Ion Ratio Lower Upper

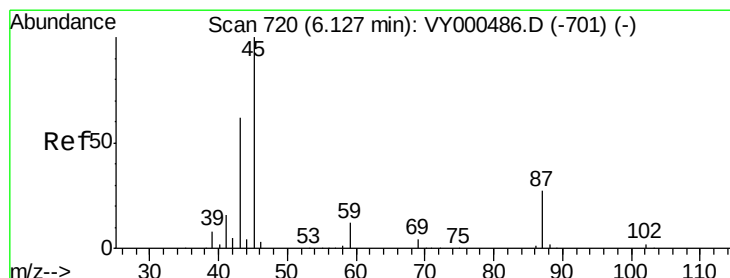
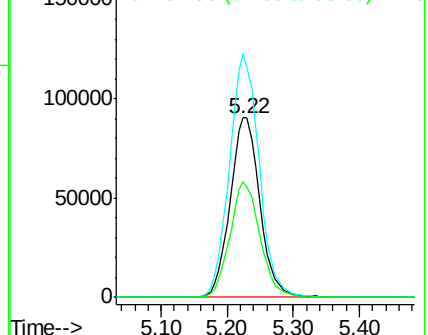
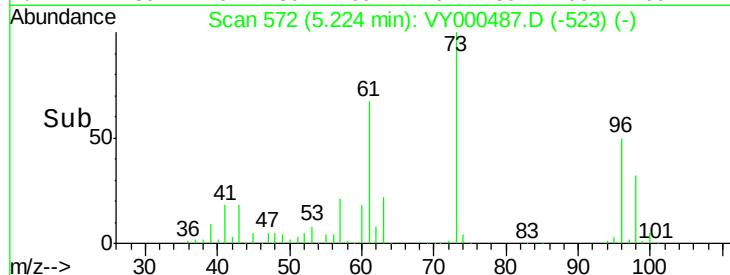
96 100

61 135.8 106.6 160.0

98 64.3 50.6 76.0



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: 109.651 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Tgt Ion: 45 Resp: 941945

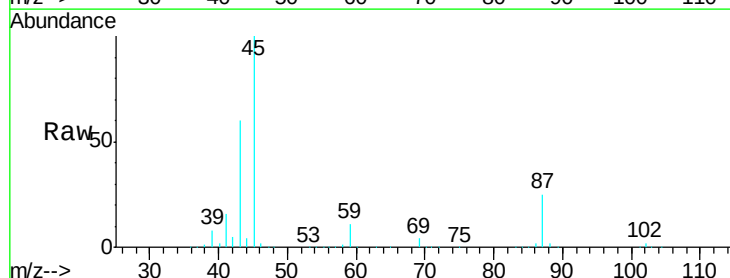
Ion Ratio Lower Upper

45 100

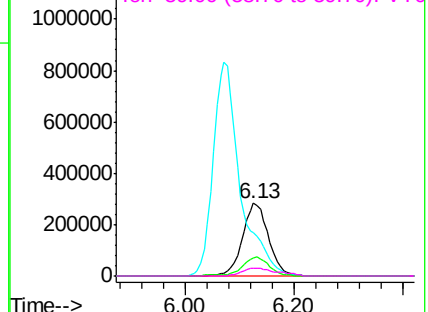
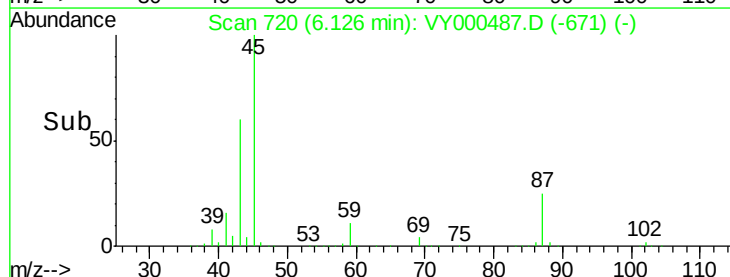
43 59.5 50.0 75.0

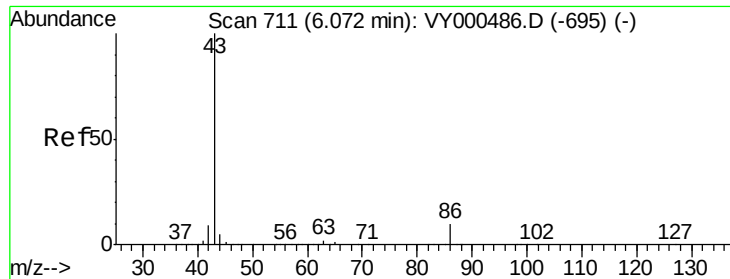
87 25.1 21.6 32.4

59 10.9 9.5 14.3



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: 526.818 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

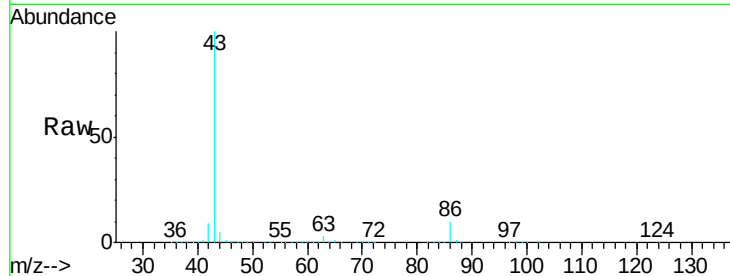
VSTDIC100

Tgt Ion: 43 Resp: 2856789

Ion Ratio Lower Upper

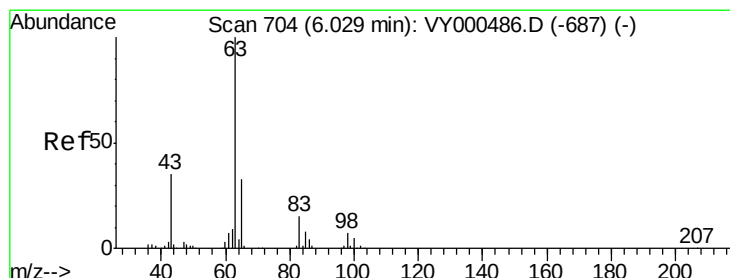
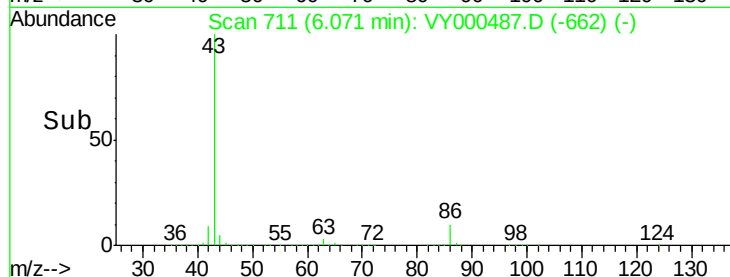
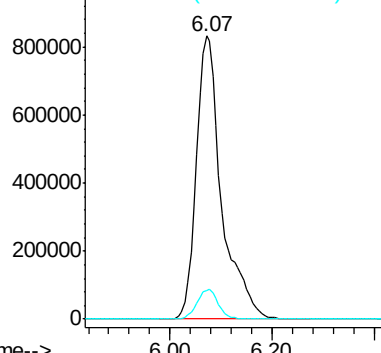
43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 104.045 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

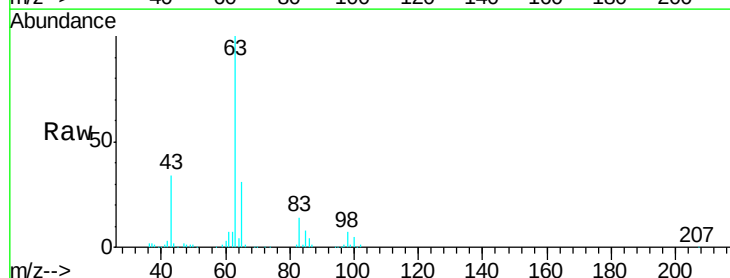
Tgt Ion: 63 Resp: 484207

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

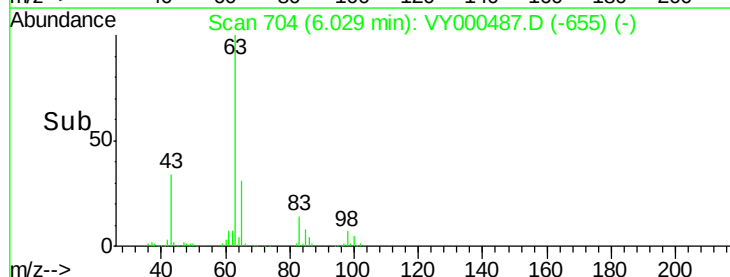
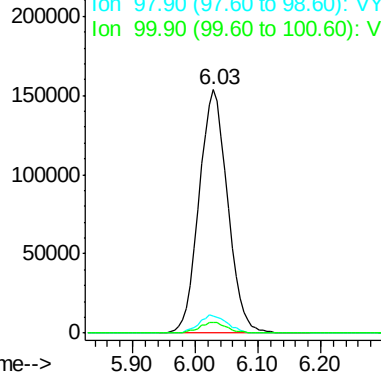
100 4.6 2.4 7.1

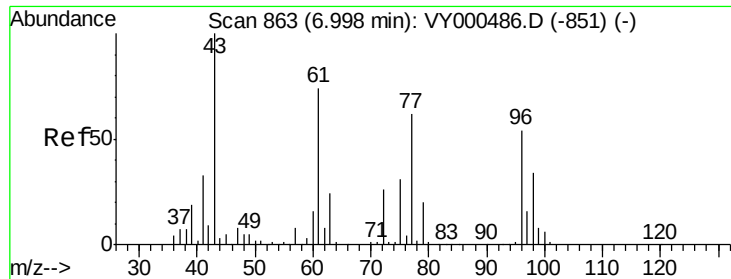


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

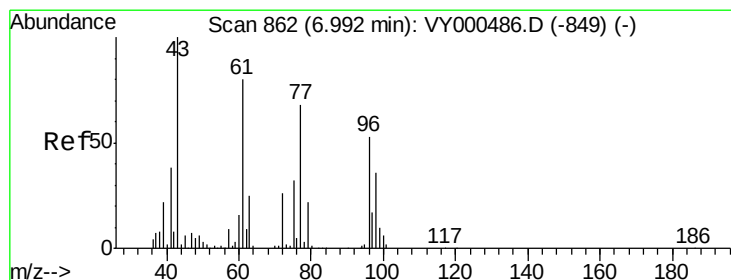
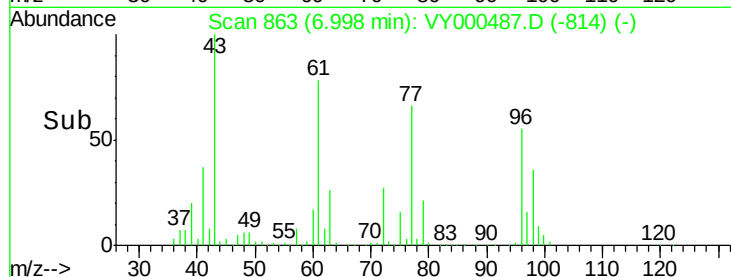
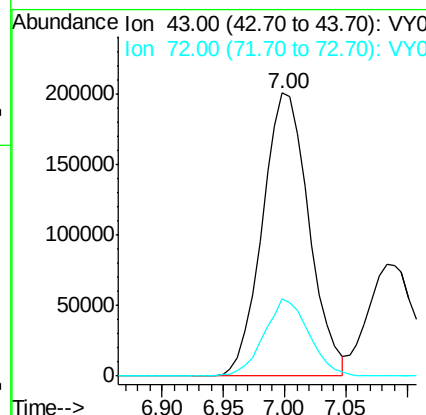
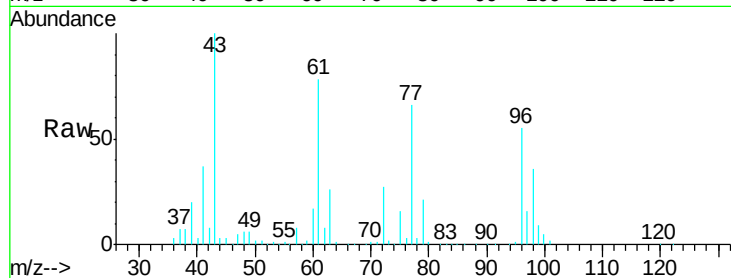




#25
2-Butanone
Concen: 480.084 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

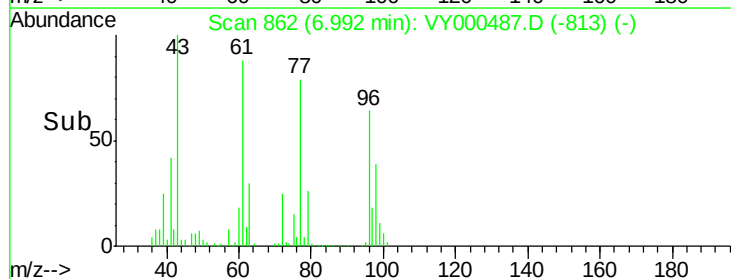
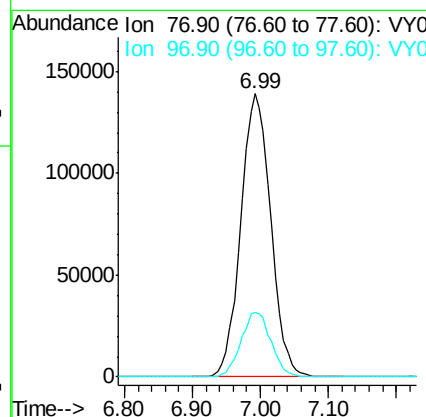
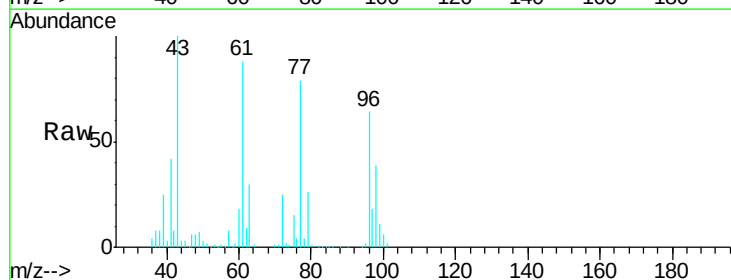
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

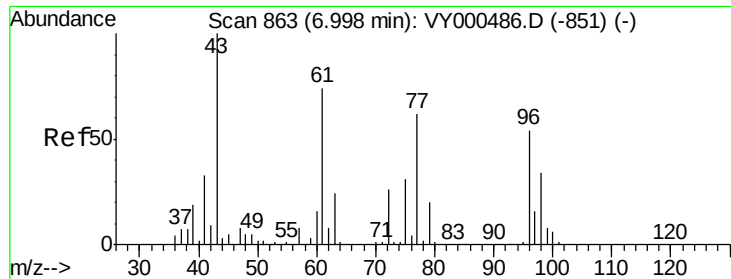
Tgt Ion: 43 Resp: 531750
Ion Ratio Lower Upper
43 100
72 27.5 20.9 31.3



#26
2,2-Dichloropropane
Concen: 99.875 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 77 Resp: 424764
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4



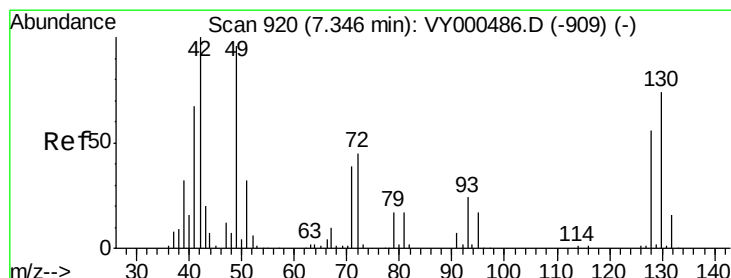
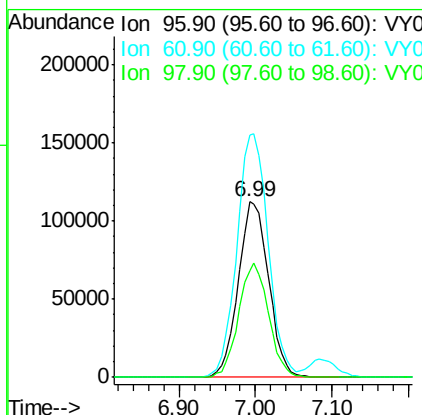
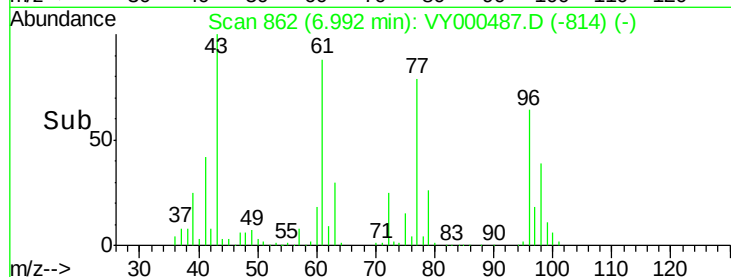
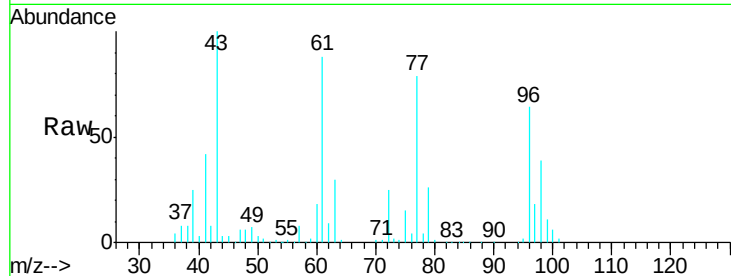


#27

cis-1,2-Dichloroethene
Concen: 102.987 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

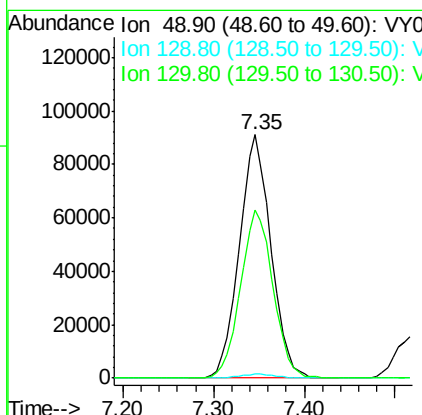
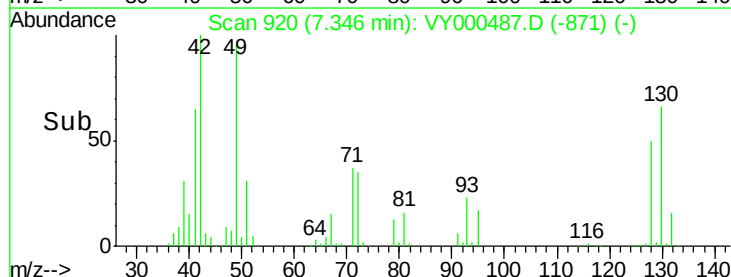
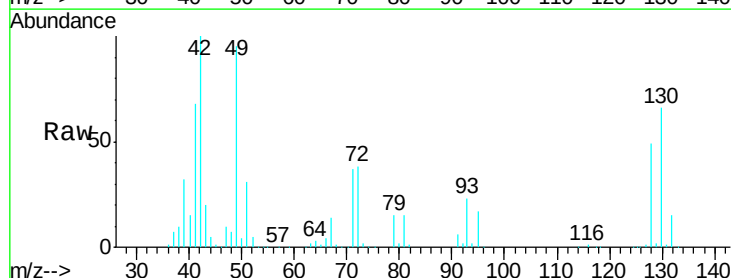
Tgt Ion: 96 Resp: 309441
Ion Ratio Lower Upper
96 100
61 142.6 0.0 287.0
98 64.1 0.0 129.4

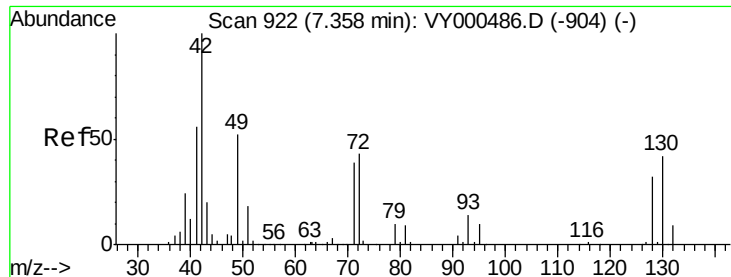


#28

Bromochloromethane
Concen: 116.829 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 49 Resp: 219602
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 71.0 59.4 89.0

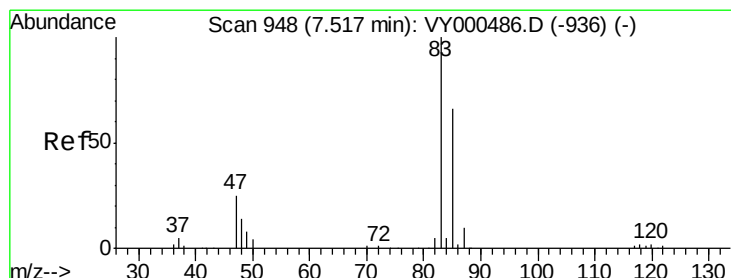
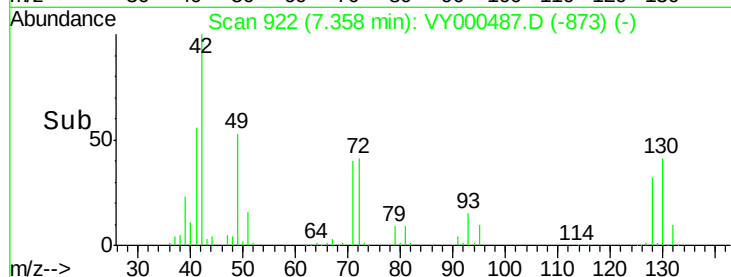
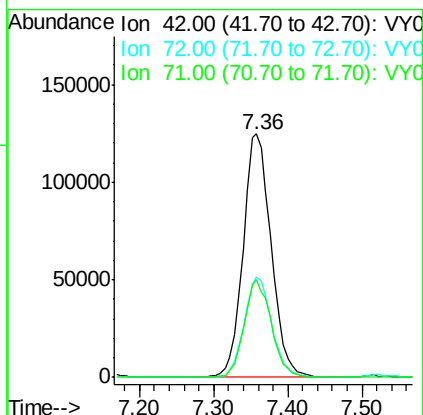
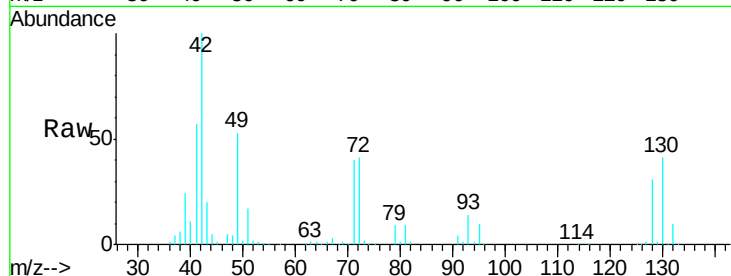




#29
Tetrahydrofuran
Concen: 485.492 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

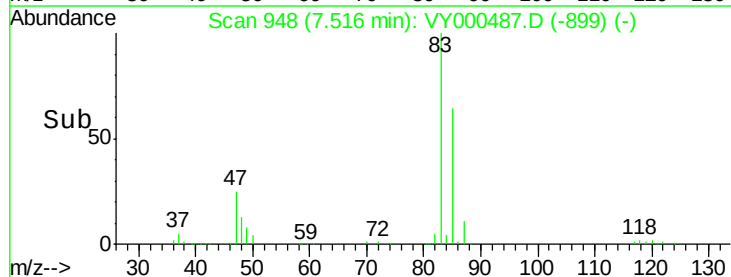
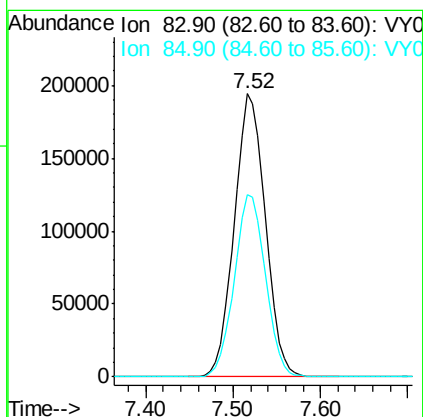
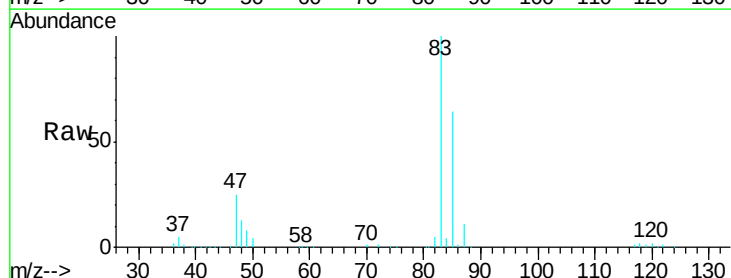
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

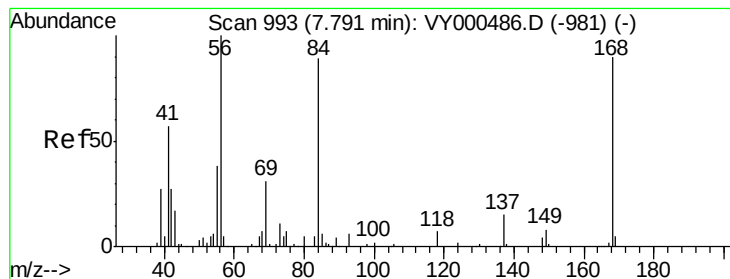
Tgt Ion: 42 Resp: 328969
Ion Ratio Lower Upper
42 100
72 40.6 34.0 51.0
71 38.8 30.8 46.2



#30
Chloroform
Concen: 101.782 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 83 Resp: 479171
Ion Ratio Lower Upper
83 100
85 64.3 53.0 79.4





#31

Cyclohexane

Concen: 99.713 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

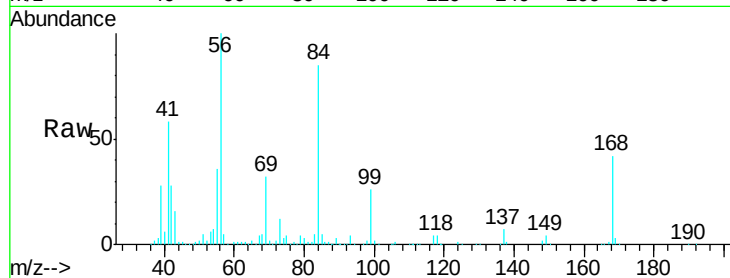
Tgt Ion: 56 Resp: 486031

Ion Ratio Lower Upper

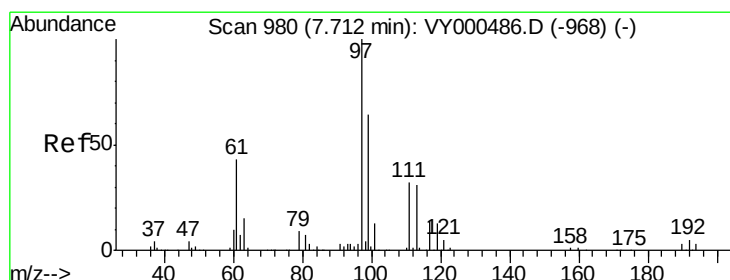
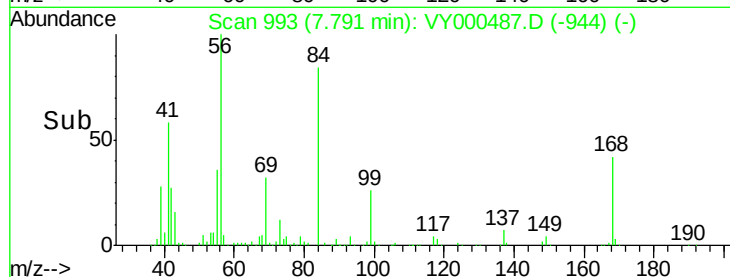
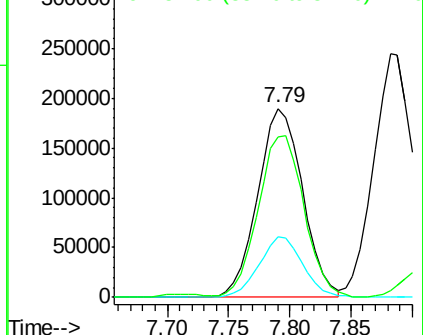
56 100

69 32.2 25.0 37.6

84 83.6 71.4 107.2



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: 102.958 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

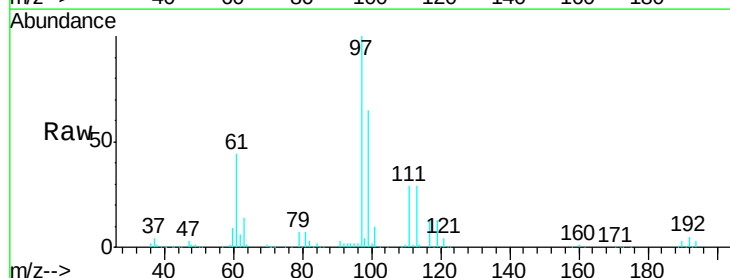
Tgt Ion: 97 Resp: 431984

Ion Ratio Lower Upper

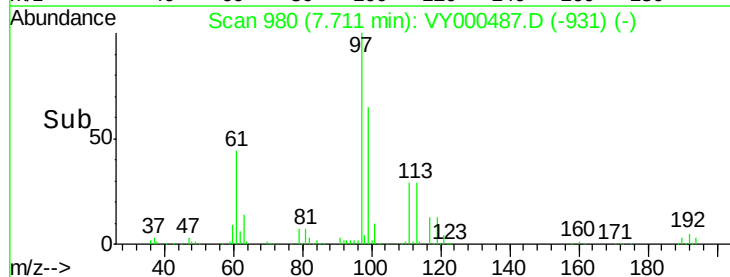
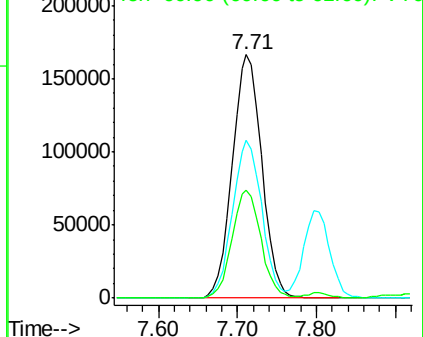
97 100

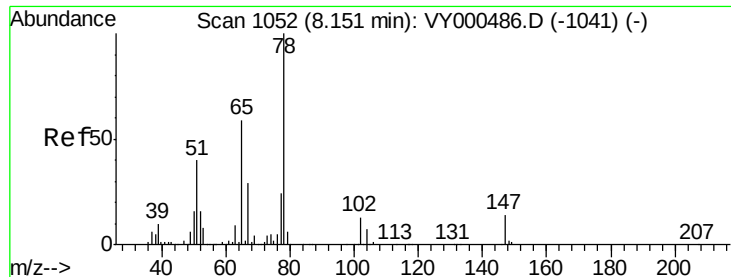
99 64.4 50.9 76.3

61 43.4 34.9 52.3



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

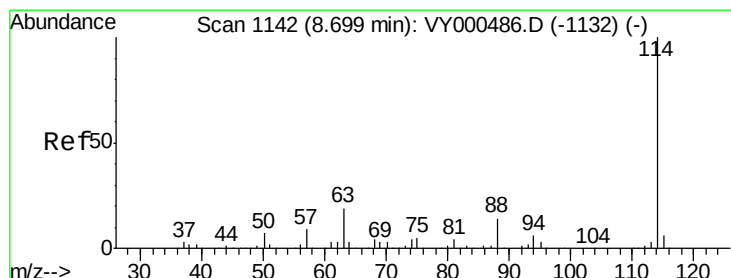
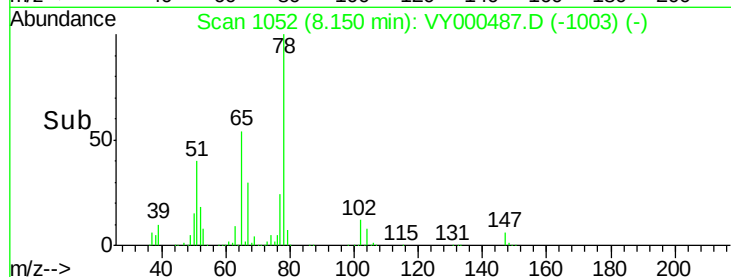
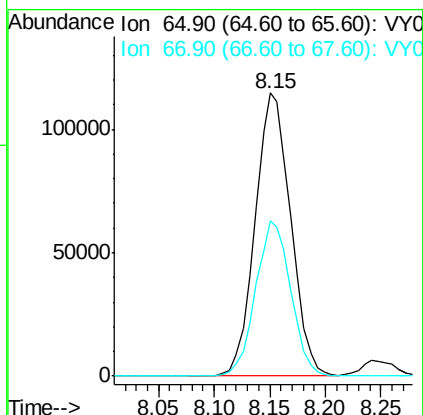
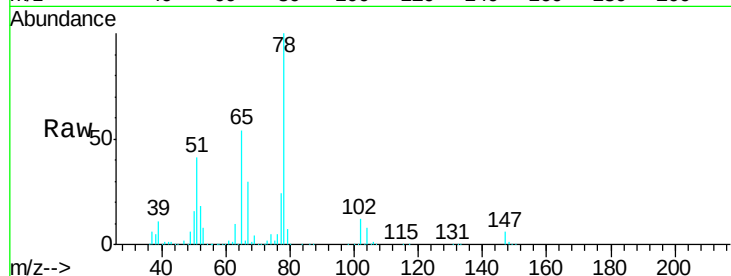




#33
 1,2-Dichloroethane-d4
 Concen: 101.034 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

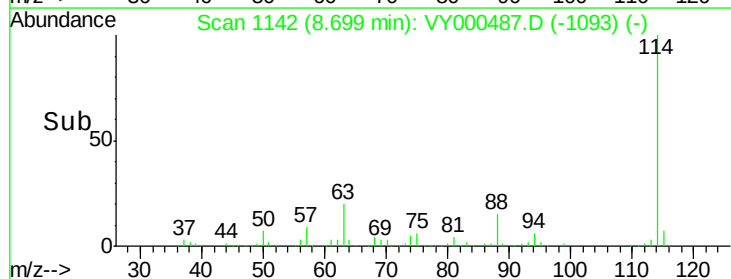
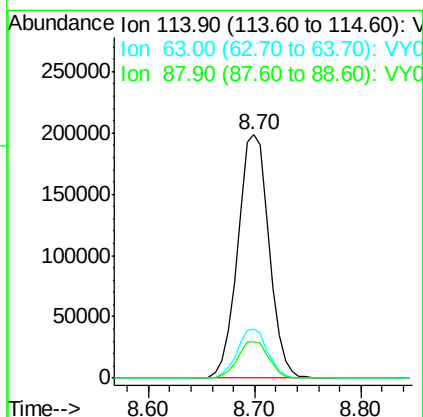
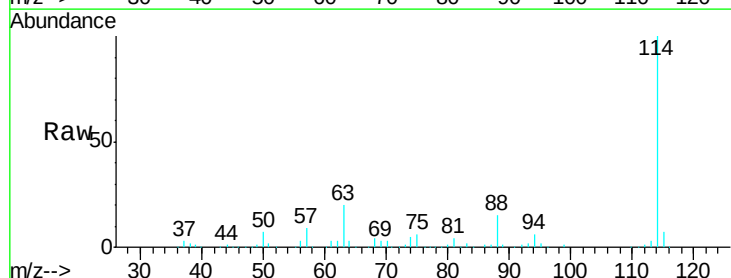
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

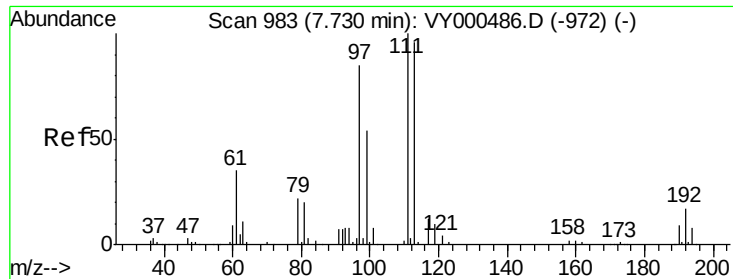
Tgt Ion: 65 Resp: 254417
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 114 Resp: 408911
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 14.8 0.0 28.6

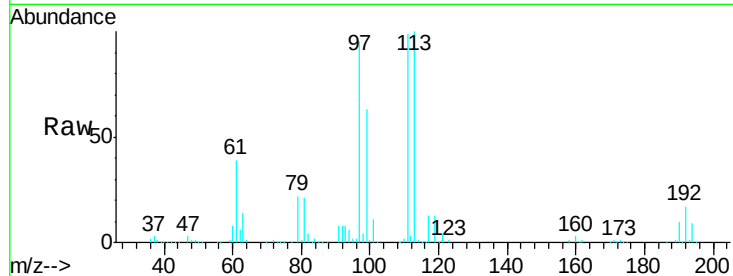




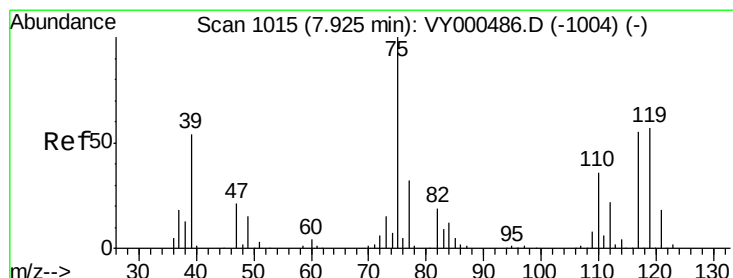
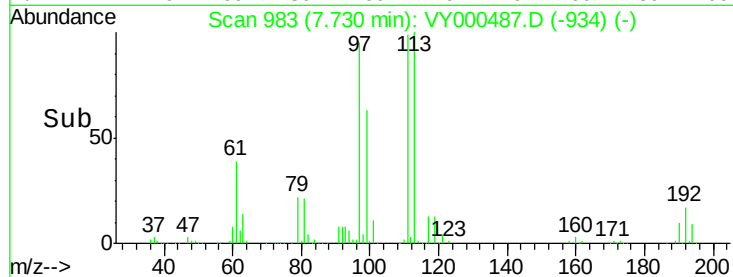
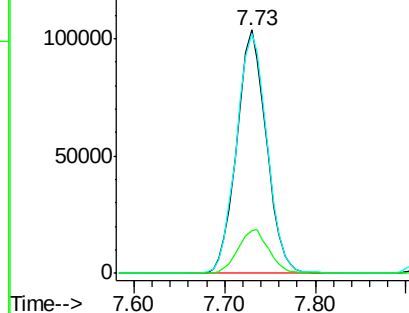
#35
 Dibromofluoromethane
 Concen: 98.344 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 236083
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 18.6 15.0 22.4

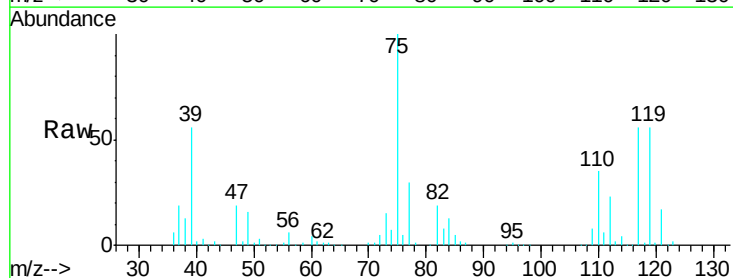


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

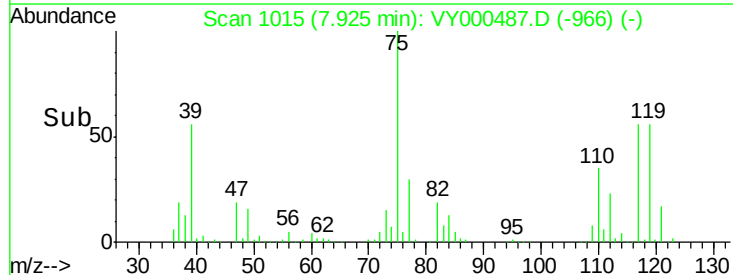
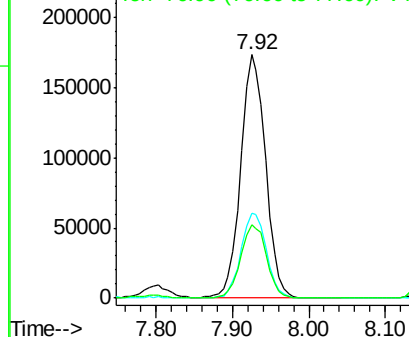


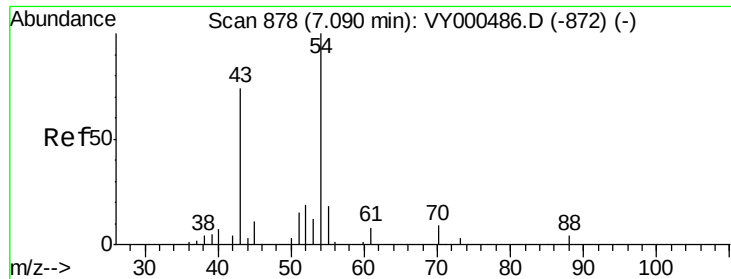
#36
 1,1-Dichloropropene
 Concen: 101.237 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 75 Resp: 391348
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.1 54.1
 77 31.5 25.0 37.6



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

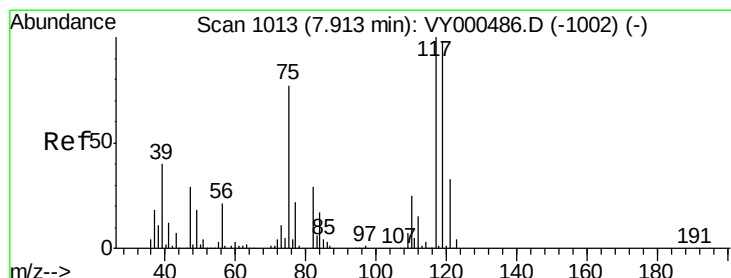
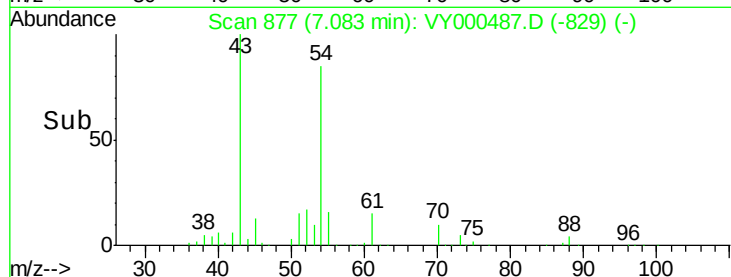
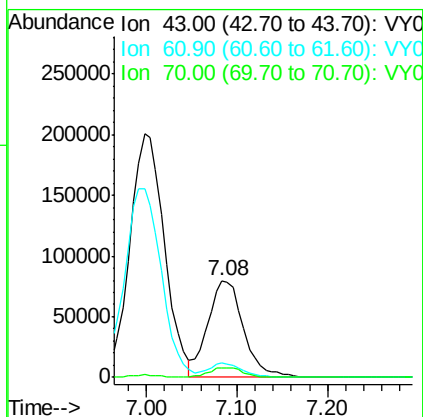
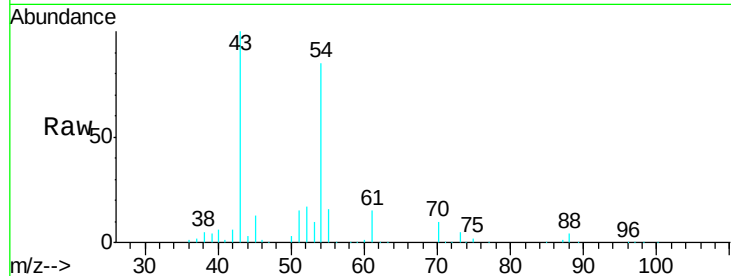




#37
Ethyl Acetate
Concen: 94.932 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

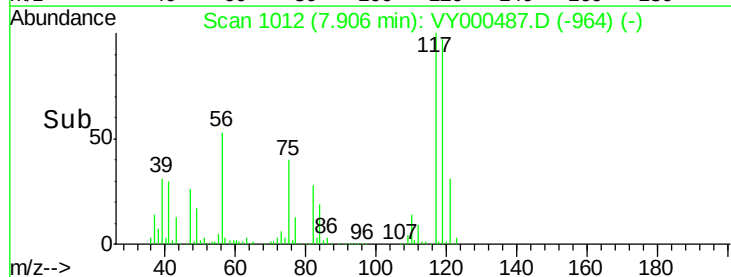
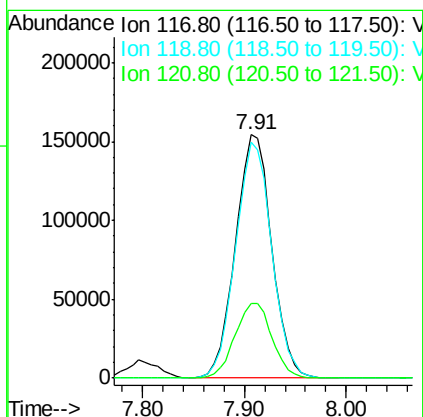
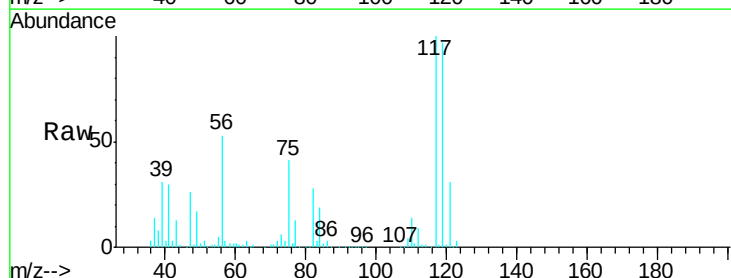
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

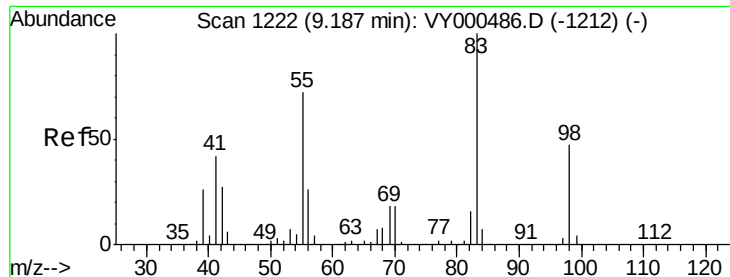
Tgt Ion: 43 Resp: 217873
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 102.475 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 117 Resp: 381167
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
121 30.5 26.6 40.0

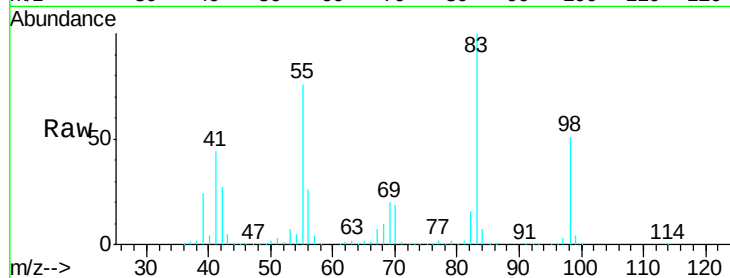




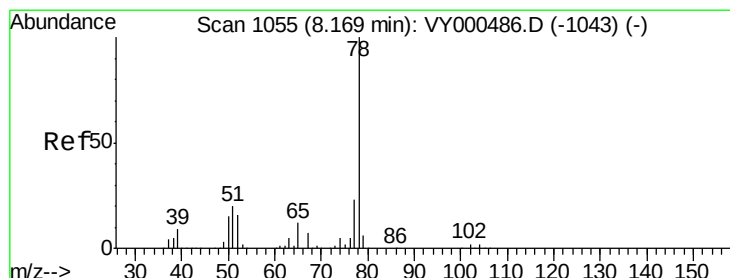
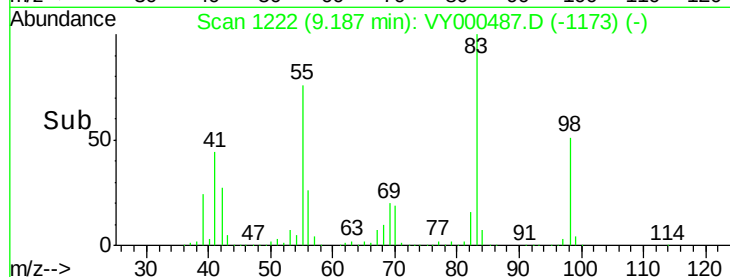
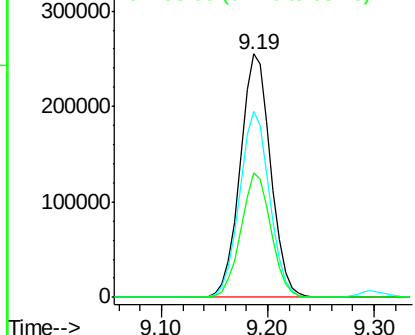
#39
Methylcyclohexane
Concen: 102.308 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 510941
Ion Ratio Lower Upper
83 100
55 76.4 57.5 86.3
98 51.1 38.0 57.0

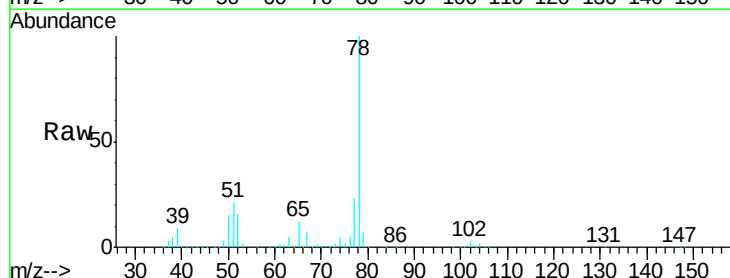


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

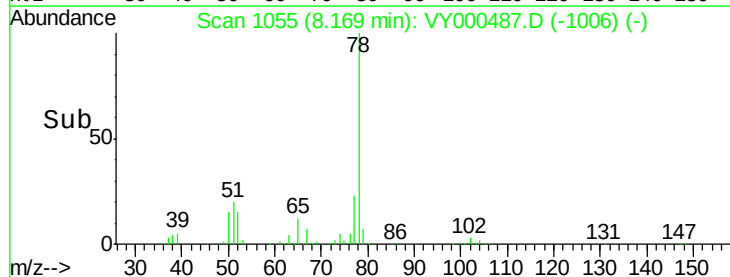
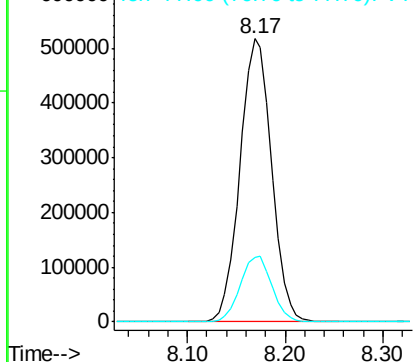


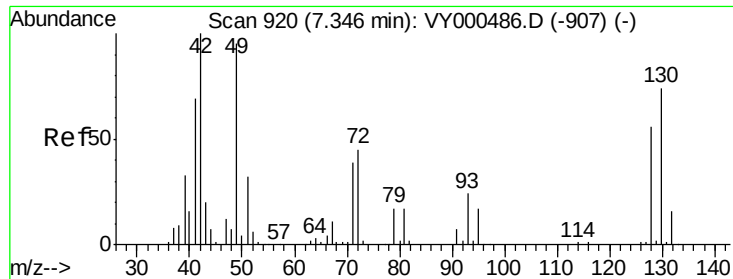
#40
Benzene
Concen: 101.895 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 78 Resp: 1154793
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0



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

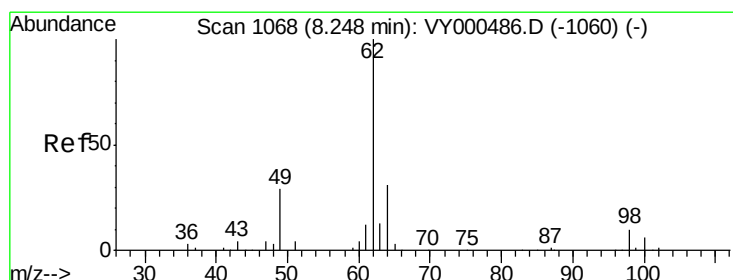
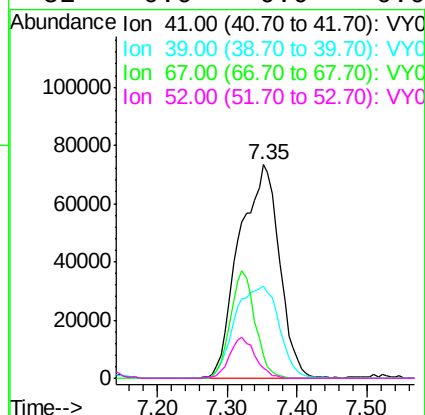
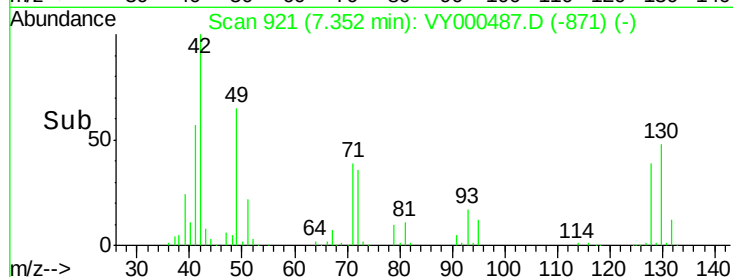
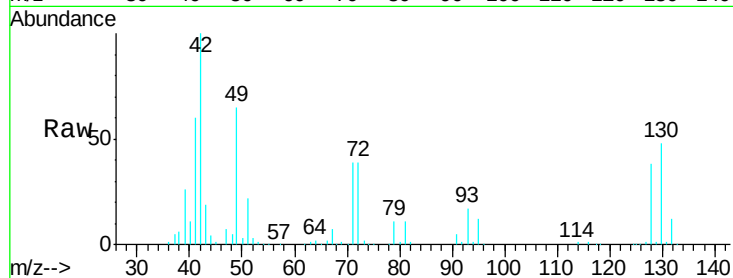




#41
Methacrylonitrile
Concen: 228.823 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

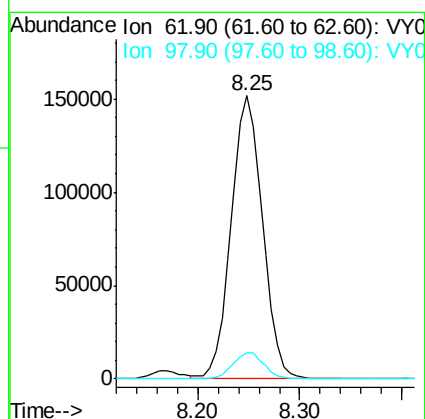
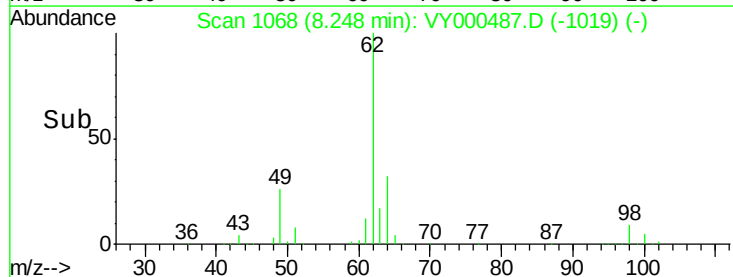
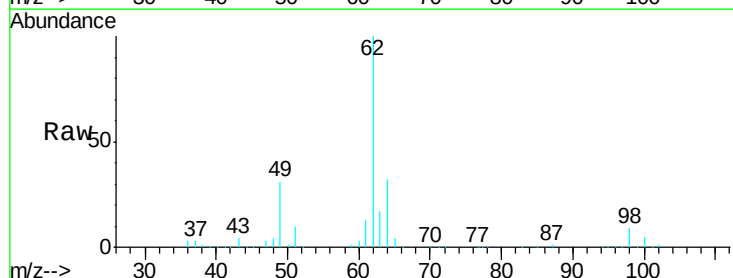
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

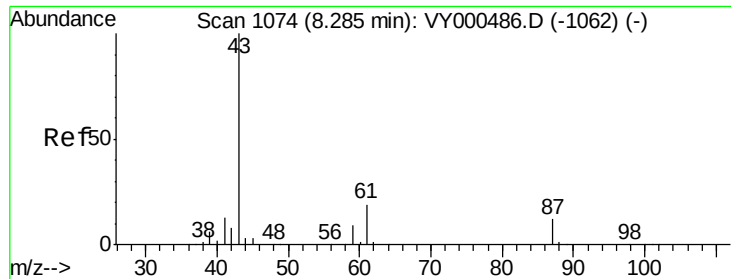
Tgt Ion: 41 Resp: 292862
Ion Ratio Lower Upper
41 100
39 47.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 100.381 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 62 Resp: 322662
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 97.199 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

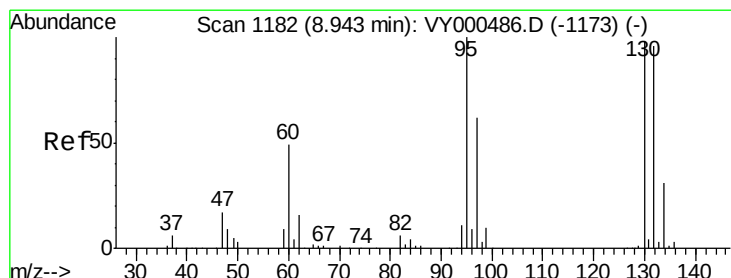
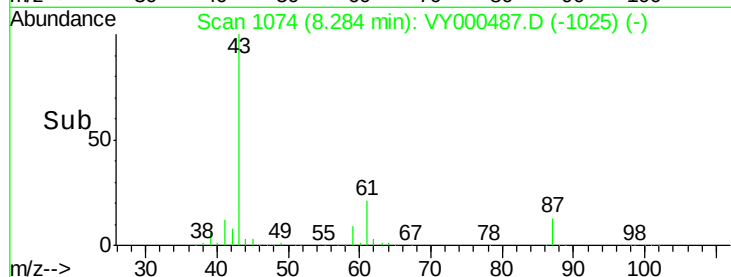
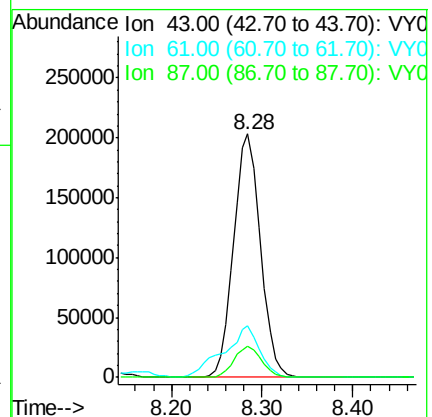
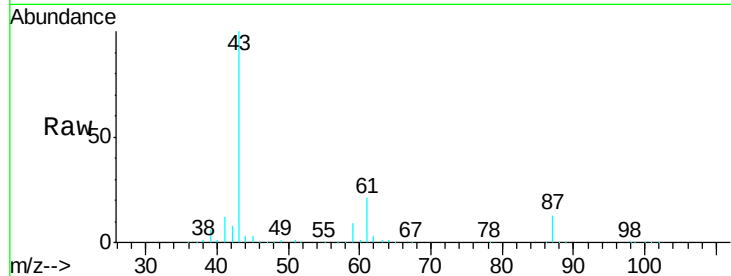
Tgt Ion: 43 Resp: 419052

Ion Ratio Lower Upper

43 100

61 28.4 23.0 34.4

87 13.0 10.5 15.7



#44

Trichloroethene

Concen: 99.845 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000487.D

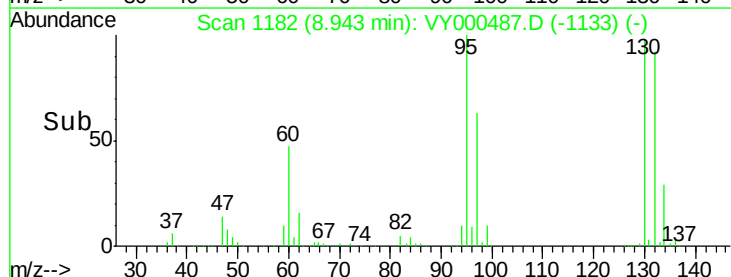
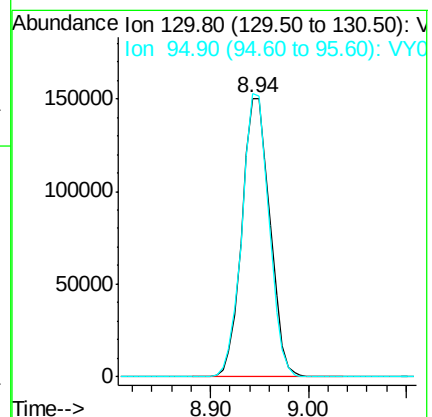
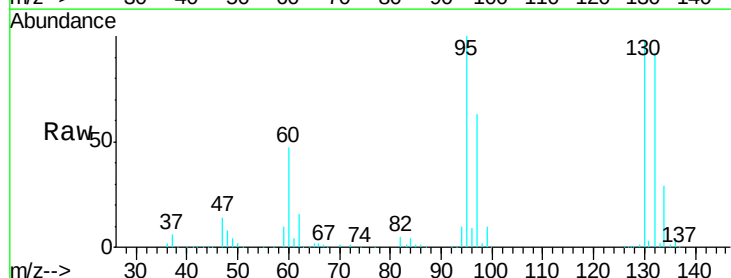
Acq: 30 Oct 2019 12:09

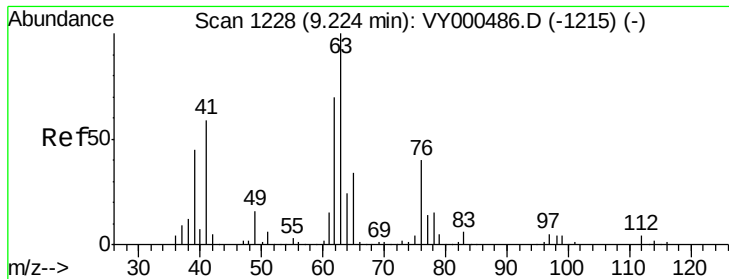
Tgt Ion: 130 Resp: 298350

Ion Ratio Lower Upper

130 100

95 101.7 0.0 203.2





#45

1,2-Dichloropropane

Concen: 102.402 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

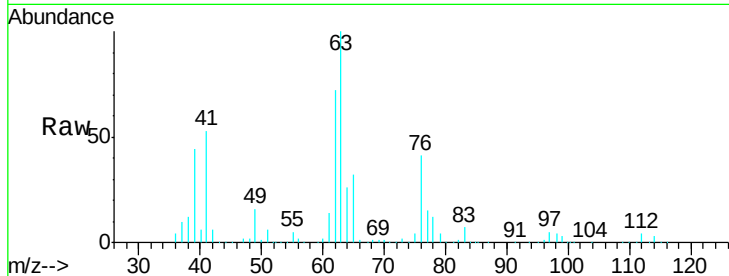
VSTDIC100

Tgt Ion: 63 Resp: 285631

Ion Ratio Lower Upper

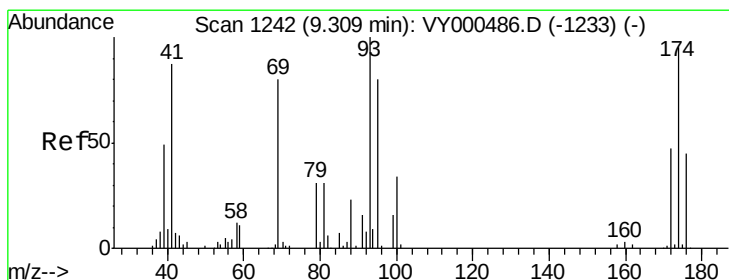
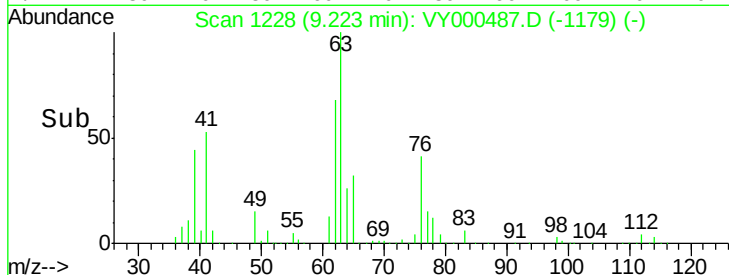
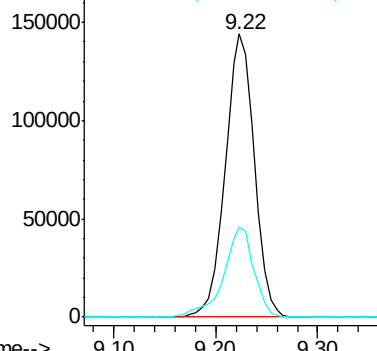
63 100

65 32.0 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 98.920 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

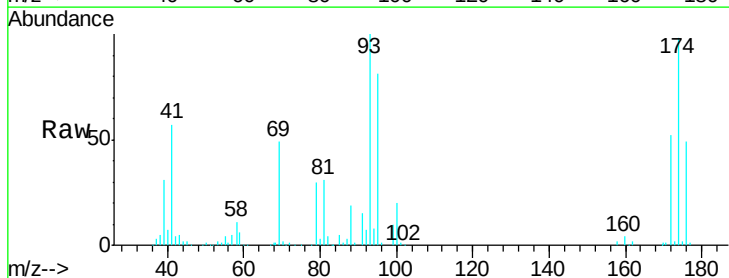
Tgt Ion: 93 Resp: 151745

Ion Ratio Lower Upper

93 100

95 82.9 66.4 99.6

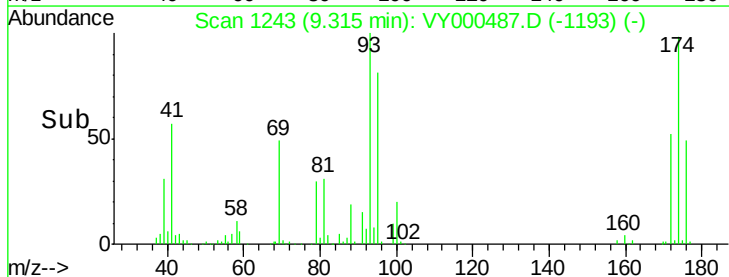
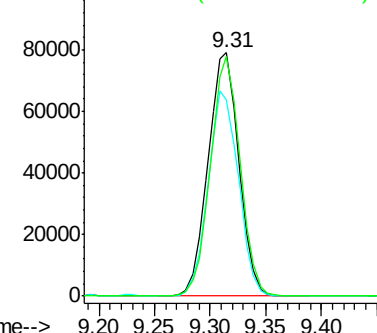
174 94.7 77.1 115.7

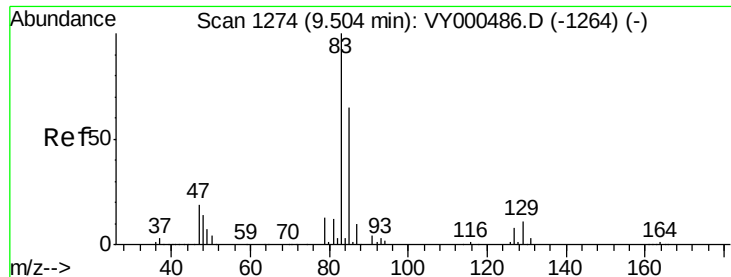


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 103.765 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

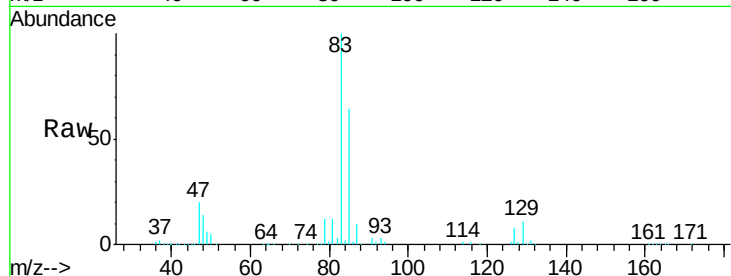
Tgt Ion: 83 Resp: 377695

Ion Ratio Lower Upper

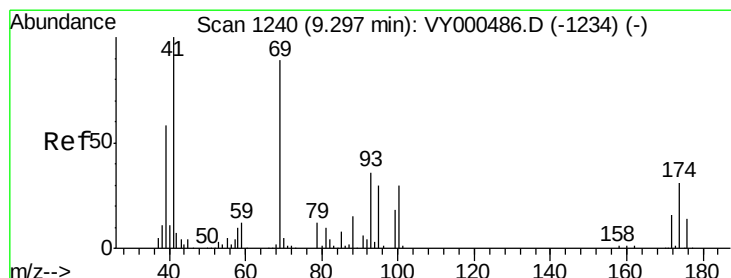
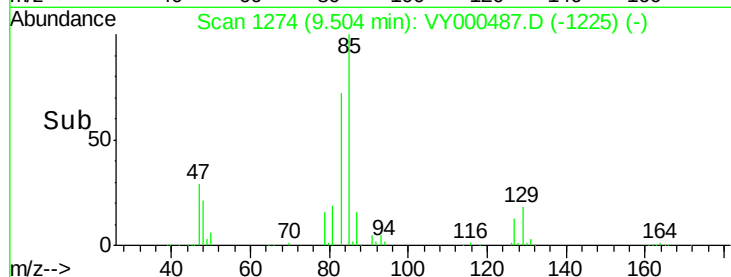
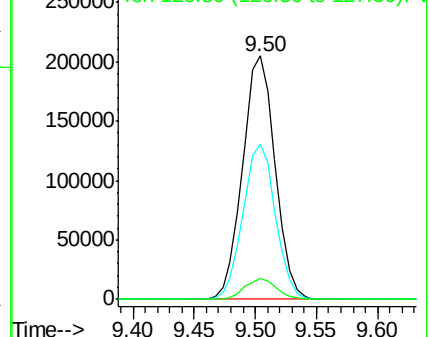
83 100

85 63.8 51.8 77.8

127 8.4 6.7 10.1



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: 99.926 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

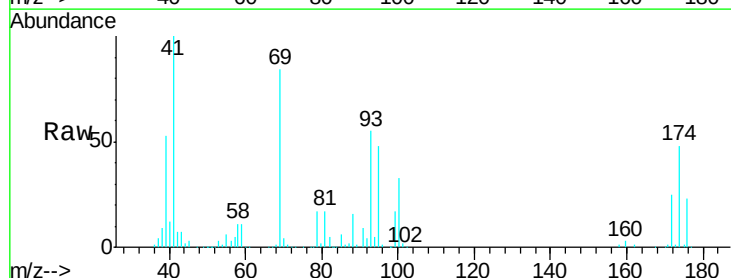
Tgt Ion: 41 Resp: 188231

Ion Ratio Lower Upper

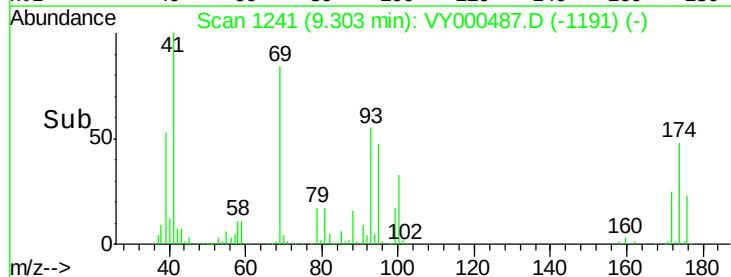
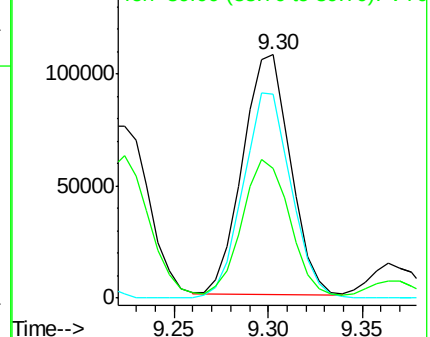
41 100

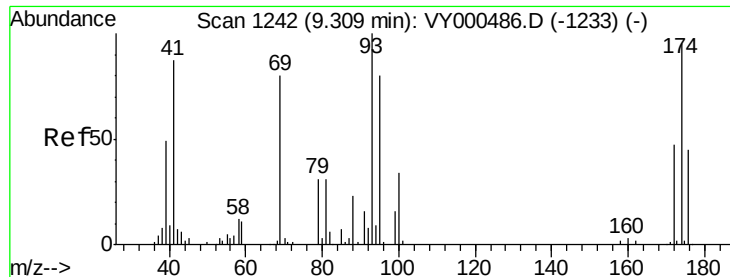
69 86.1 72.5 108.7

39 58.9 47.8 71.8



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: 1961.103 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

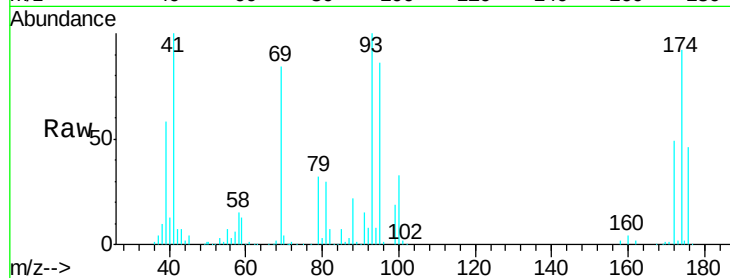
Tgt Ion: 88 Resp: 40488

Ion Ratio Lower Upper

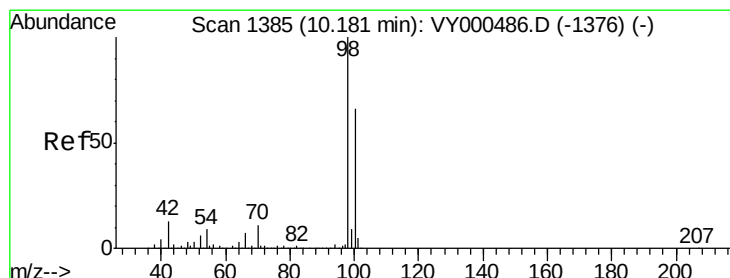
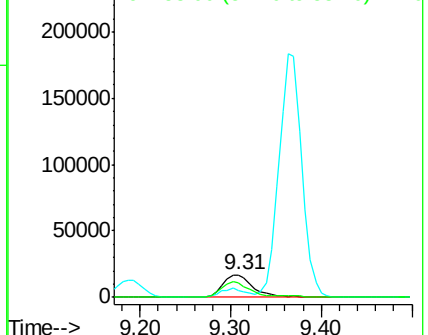
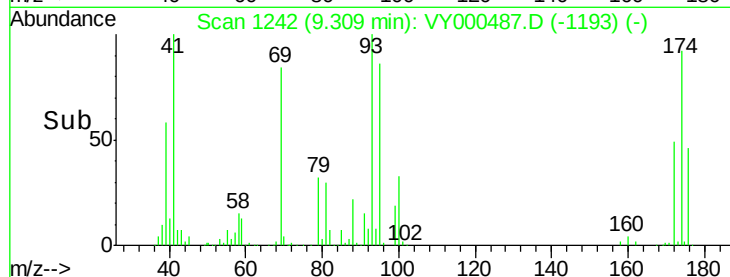
88 100

43 31.3 25.1 37.7

58 64.2 50.6 75.8



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: 107.469 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000487.D

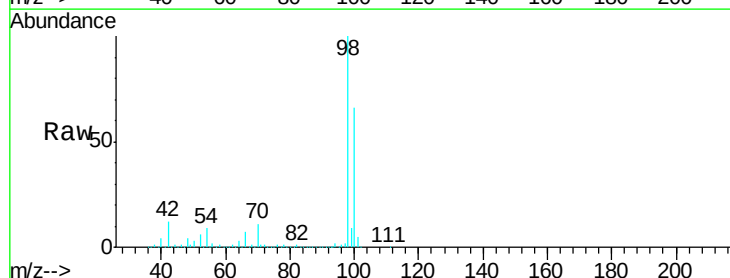
Acq: 30 Oct 2019 12:09

Tgt Ion: 98 Resp: 978925

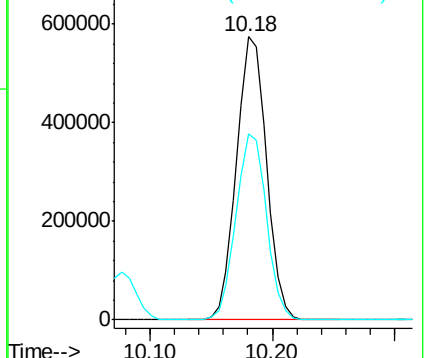
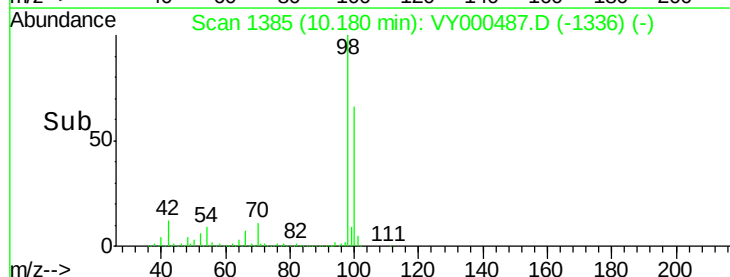
Ion Ratio Lower Upper

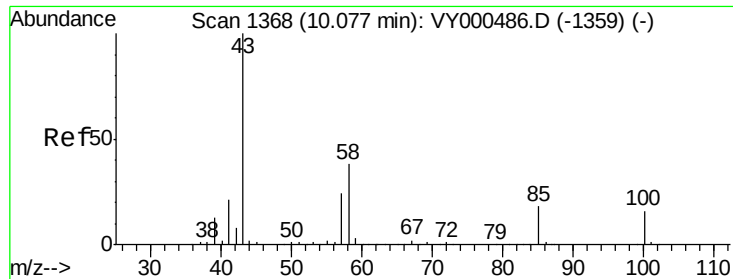
98 100

100 66.7 52.9 79.3



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: 486.435 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

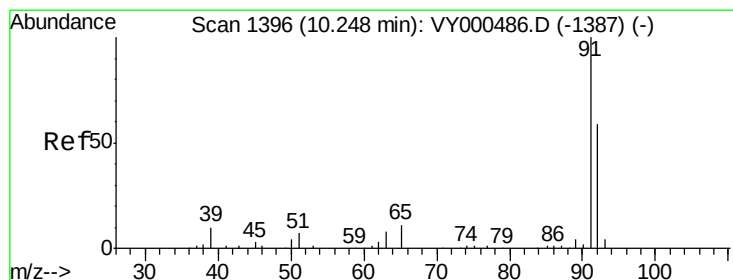
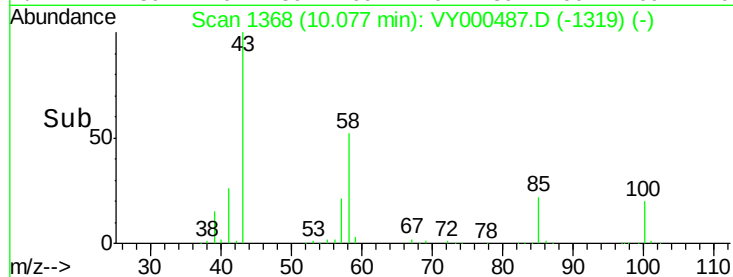
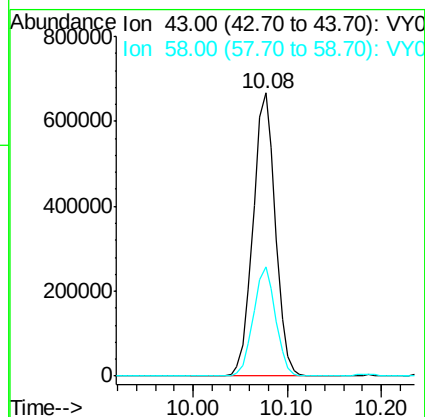
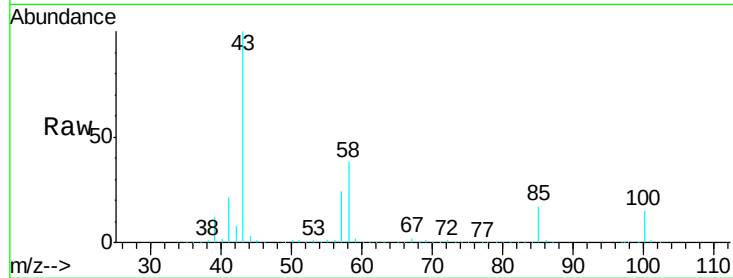
VSTDIC100

Tgt Ion: 43 Resp: 1115000

Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.4



#52

Toluene

Concen: 104.878 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000487.D

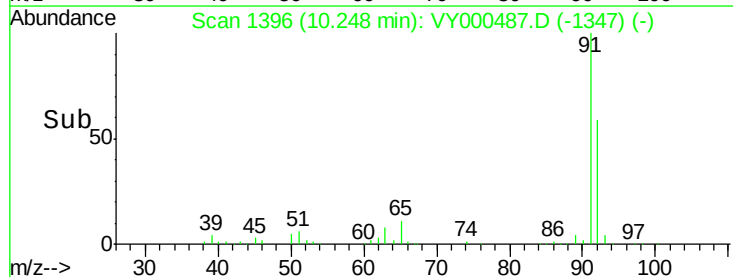
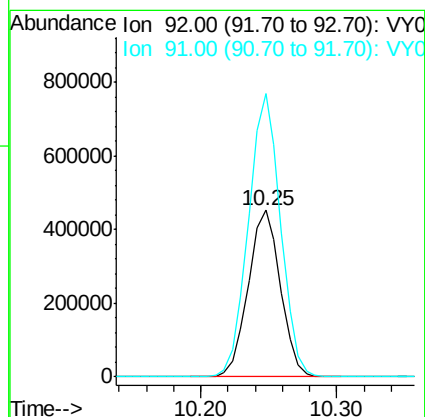
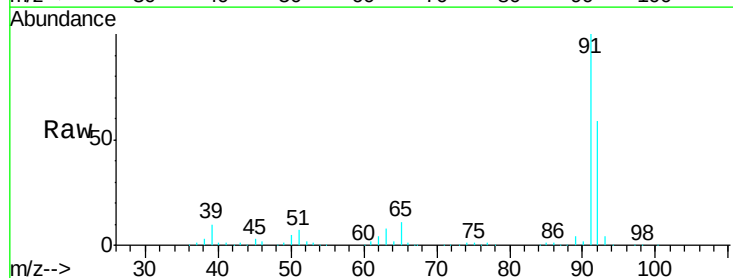
Acq: 30 Oct 2019 12:09

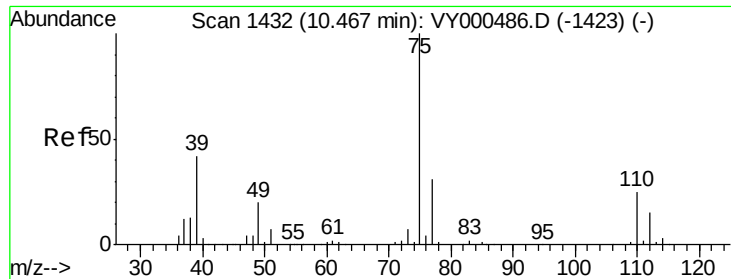
Tgt Ion: 92 Resp: 751475

Ion Ratio Lower Upper

92 100

91 169.2 136.3 204.5

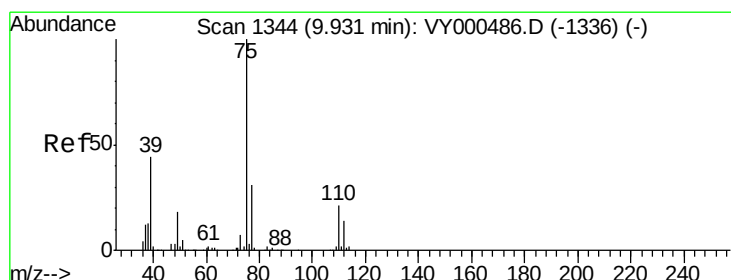
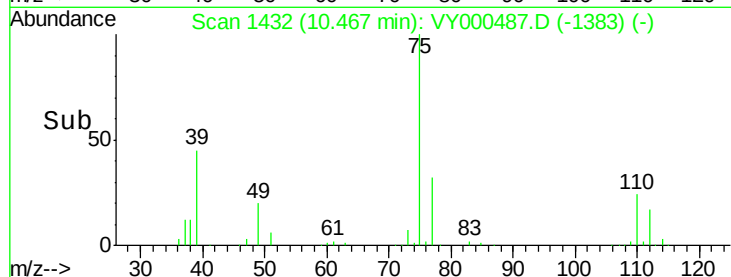
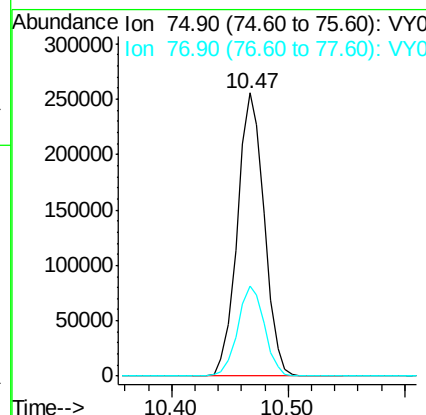
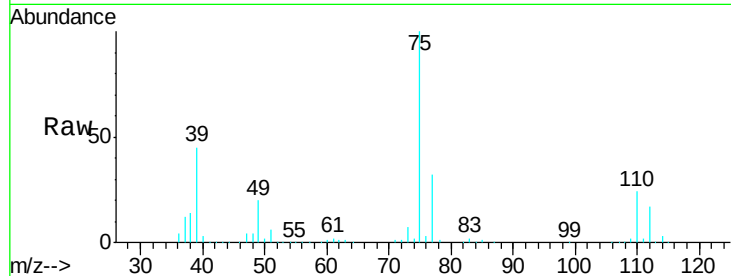




#53
 t-1,3-Dichloropropene
 Concen: 105.175 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

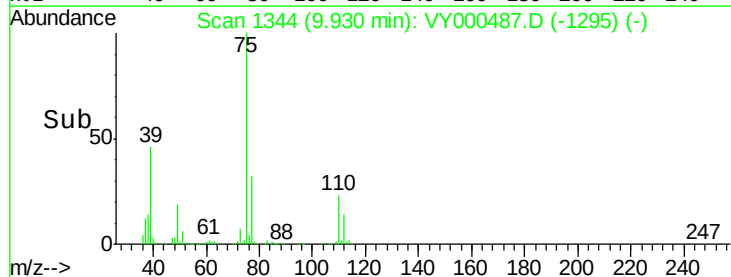
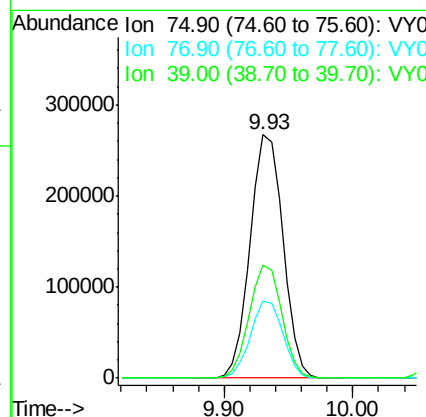
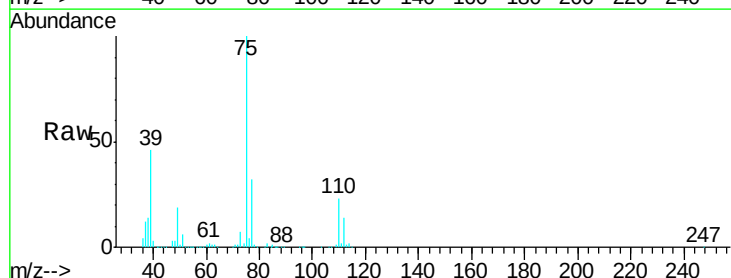
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

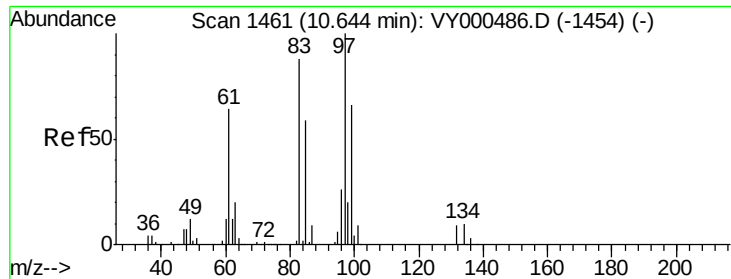
Tgt Ion: 75 Resp: 409049
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 105.767 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 75 Resp: 471244
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.5 36.7
 39 46.2 35.4 53.2

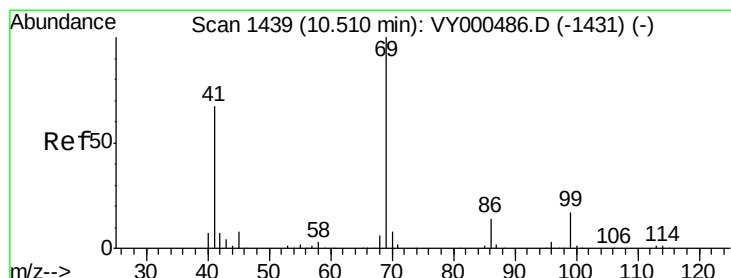
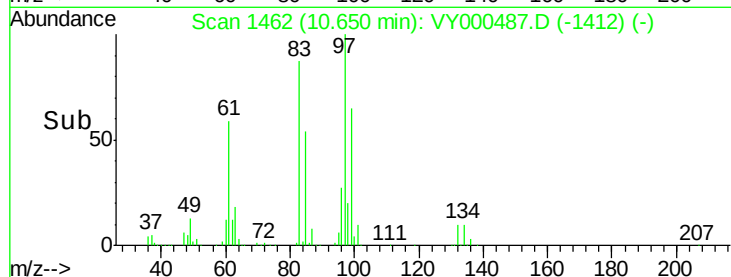
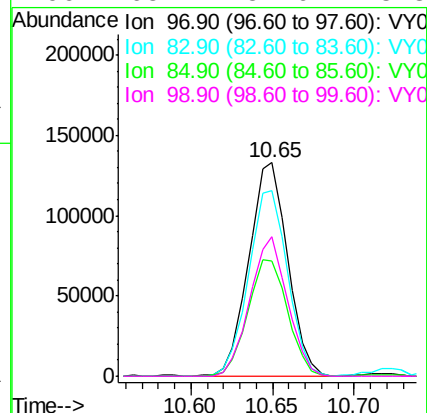
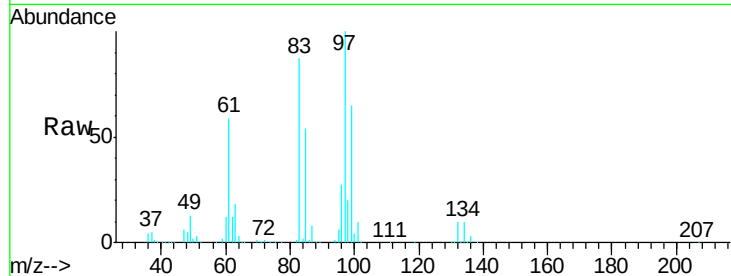




#55
 1,1,2-Trichloroethane
 Concen: 99.747 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

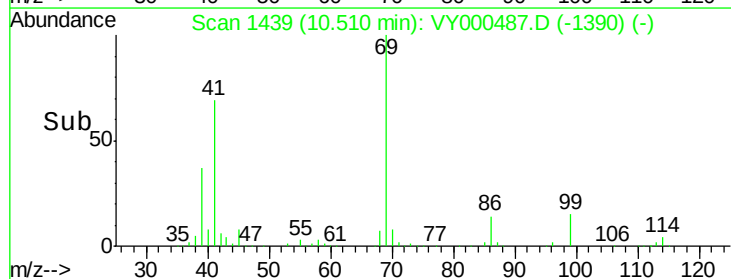
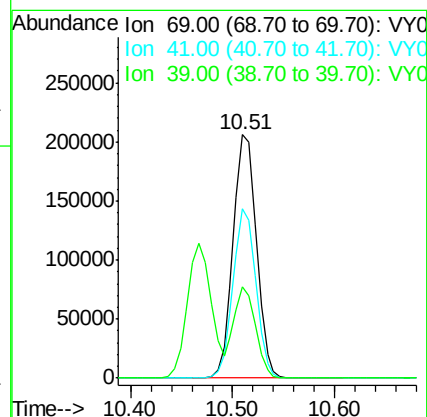
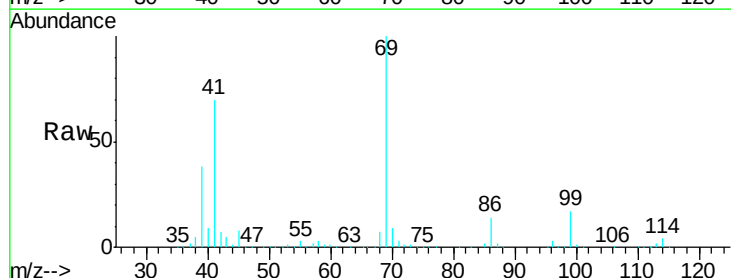
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

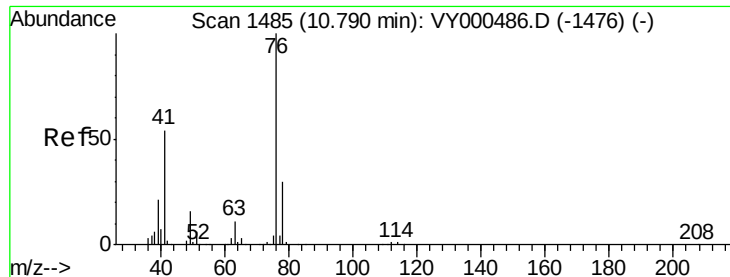
Tgt Ion: 97 Resp: 221315
 Ion Ratio Lower Upper
 97 100
 83 86.9 70.2 105.4
 85 53.8 46.9 70.3
 99 65.1 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 103.580 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 69 Resp: 325732
 Ion Ratio Lower Upper
 69 100
 41 67.6 53.3 79.9
 39 35.4 28.0 42.0





#57

1,3-Dichloropropane

Concen: 99.922 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

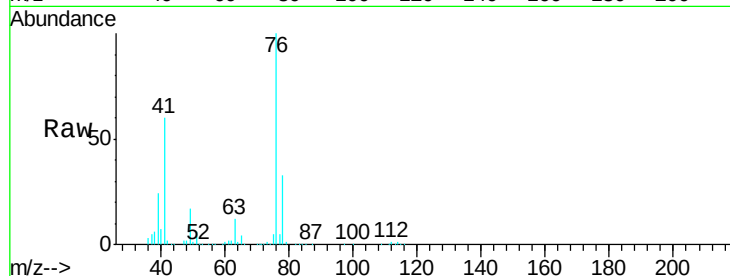
VSTDIC100

Tgt Ion: 76 Resp: 388027

Ion Ratio Lower Upper

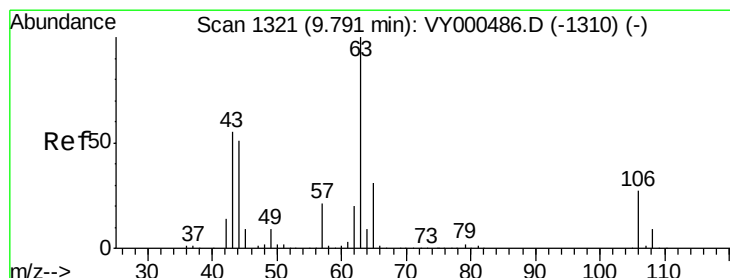
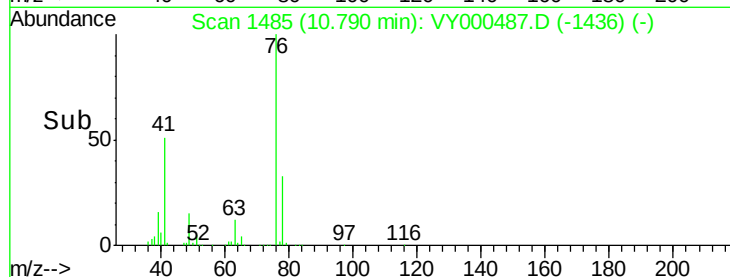
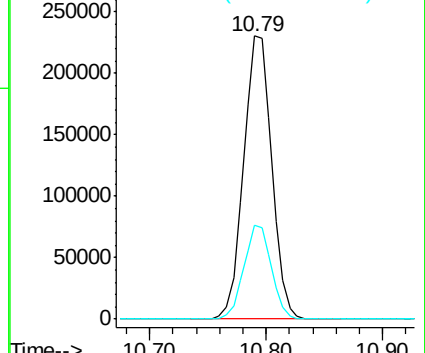
76 100

78 32.5 25.2 37.8



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: 490.158 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000487.D

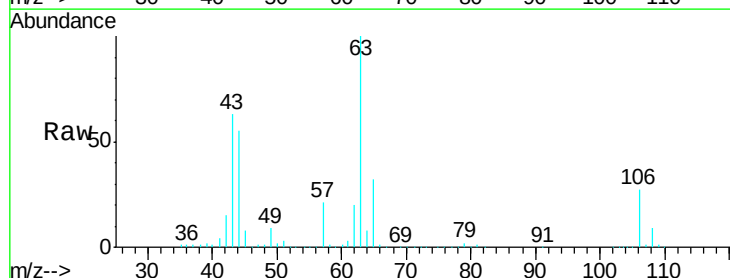
Acq: 30 Oct 2019 12:09

Tgt Ion: 63 Resp: 696858

Ion Ratio Lower Upper

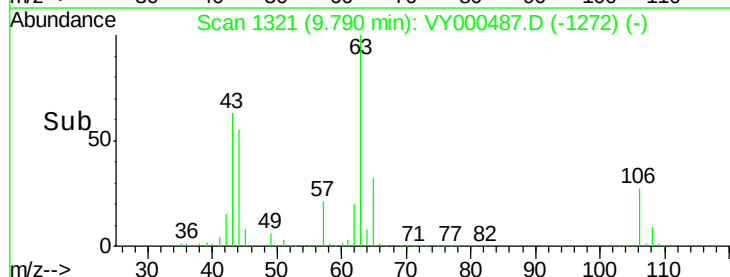
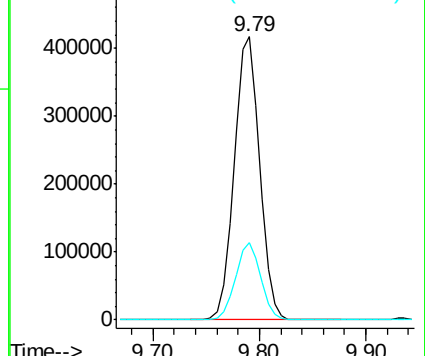
63 100

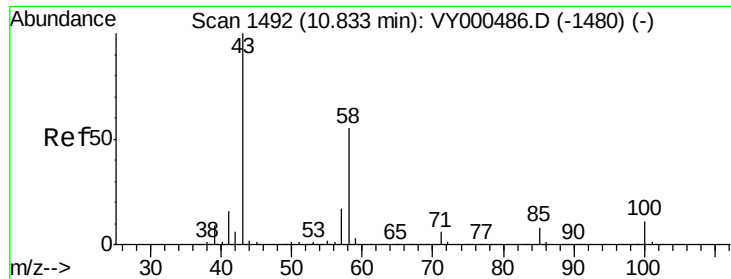
106 27.0 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

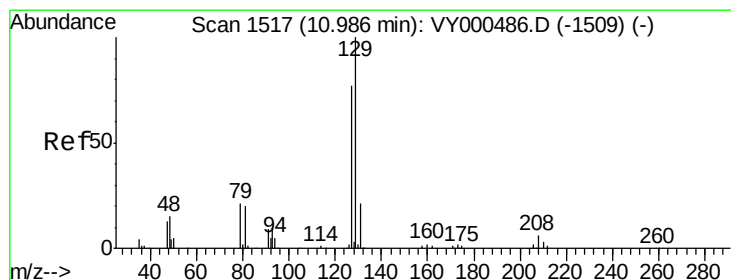
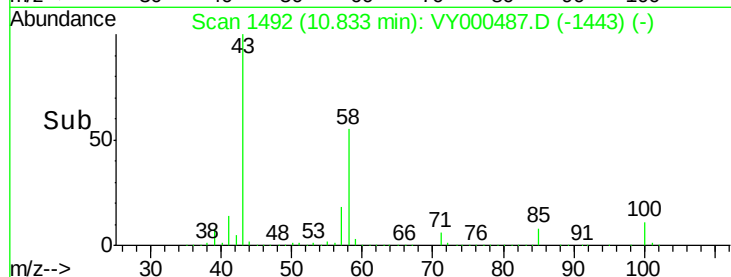
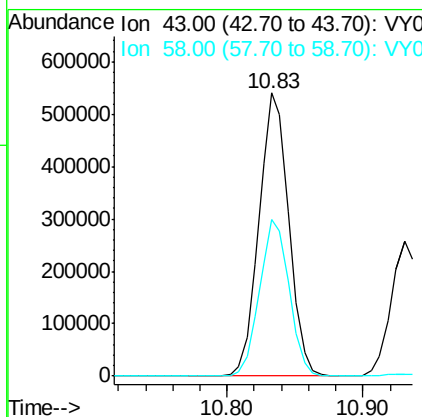
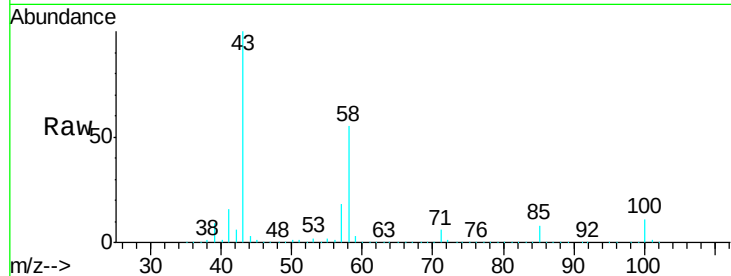




#59
2-Hexanone
Concen: 497.908 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

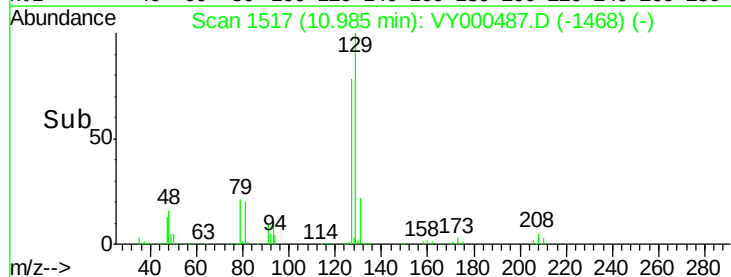
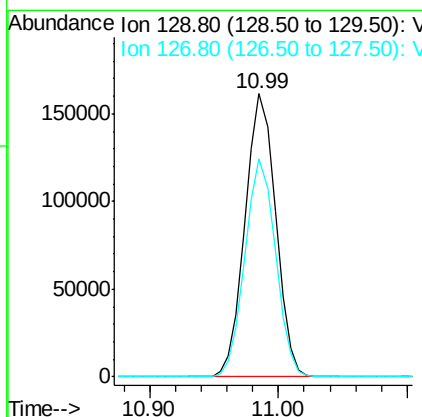
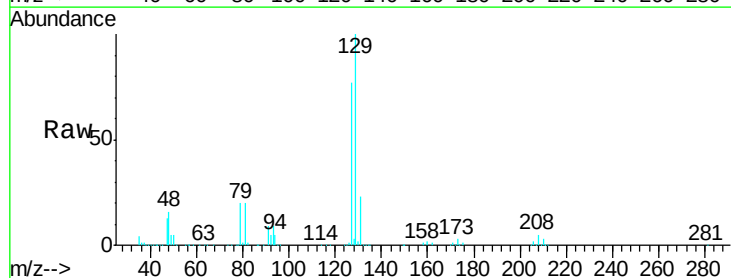
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

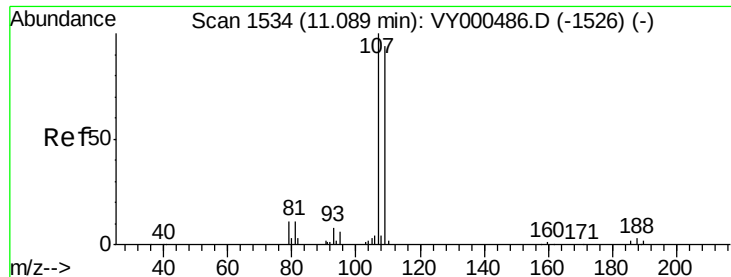
Tgt Ion: 43 Resp: 831545
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 104.585 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 129 Resp: 265794
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

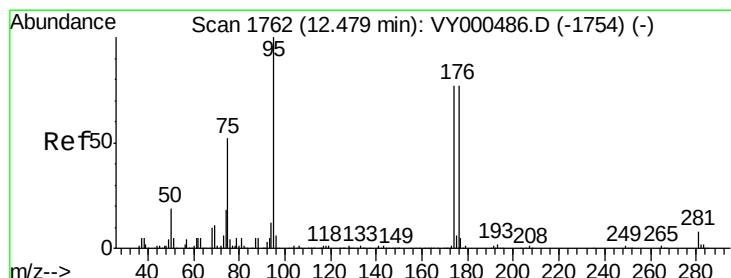
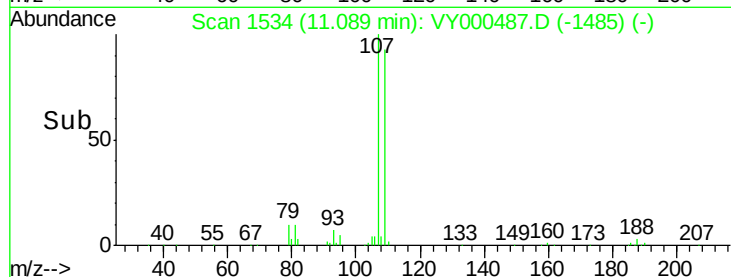
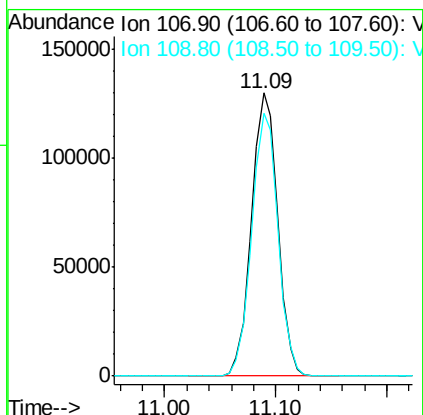
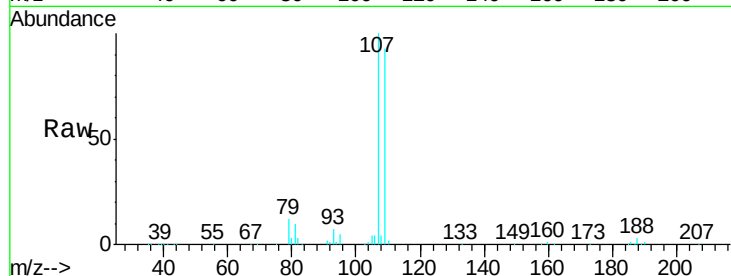




#61
 1,2-Dibromoethane
 Concen: 100.071 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

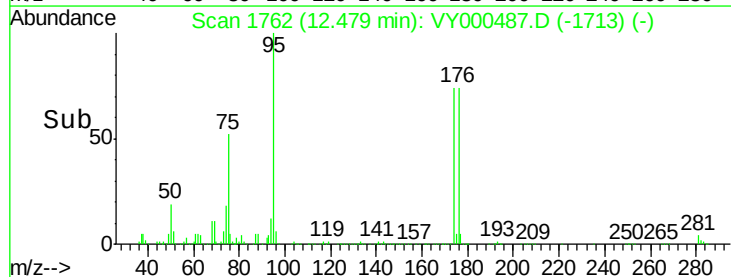
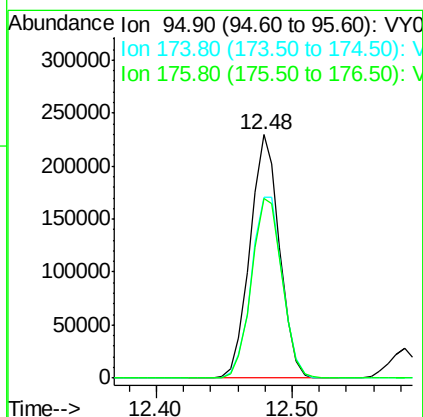
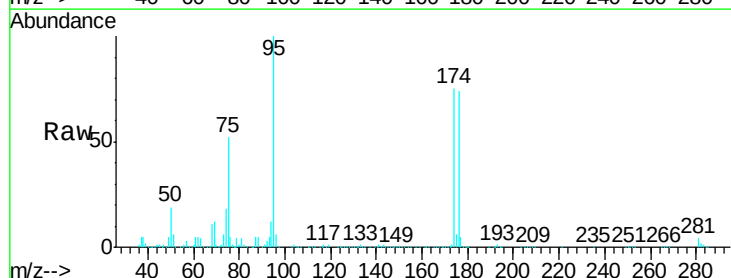
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

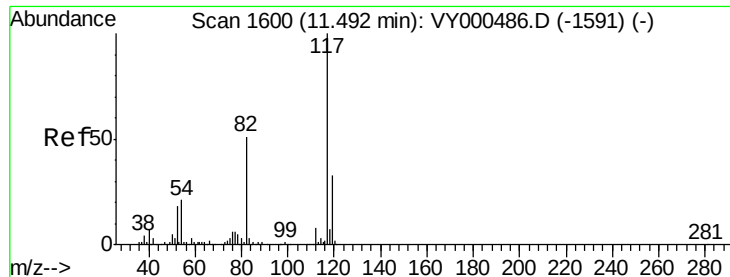
Tgt Ion: 107 Resp: 213484
 Ion Ratio Lower Upper
 107 100
 109 93.4 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 100.297 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 95 Resp: 347801
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 161.6
 176 77.1 0.0 157.8

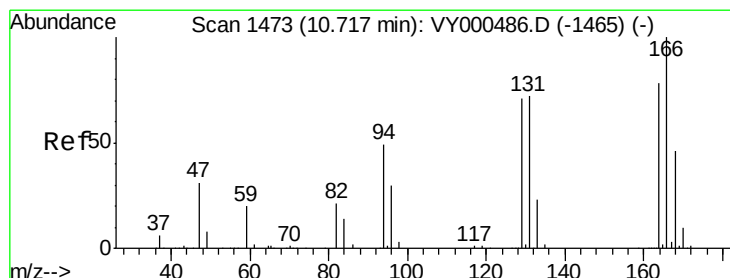
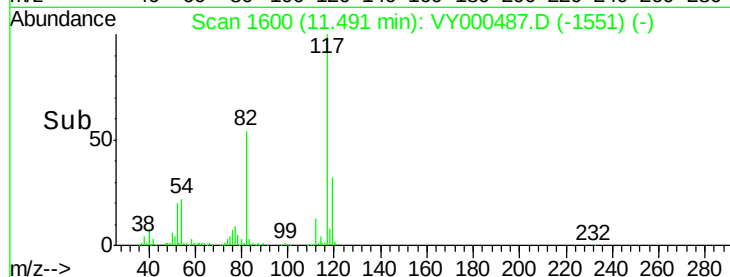
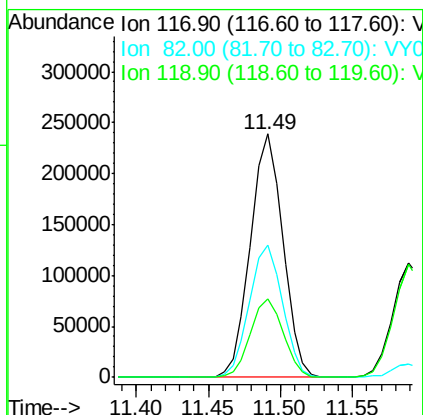
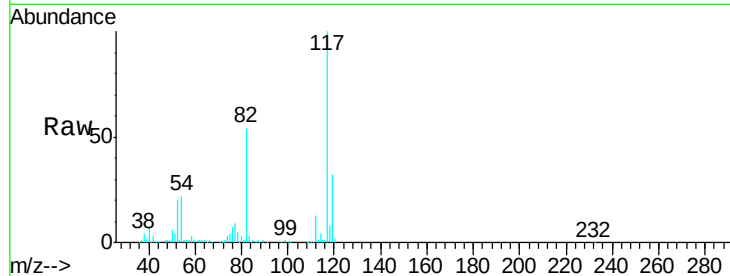




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

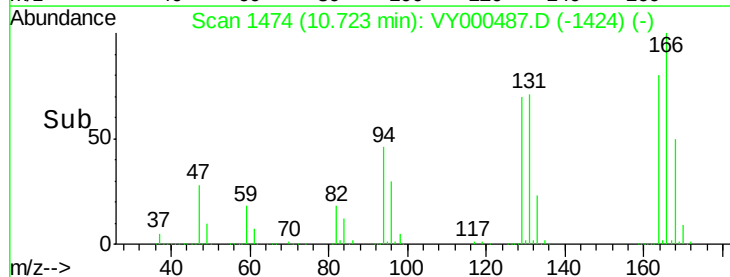
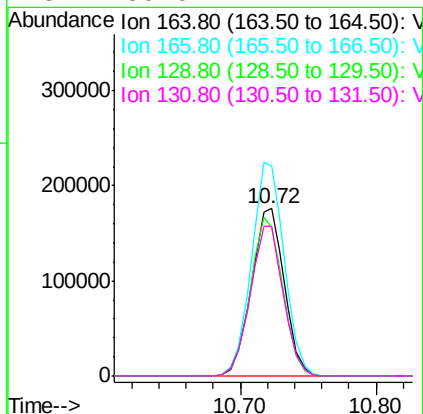
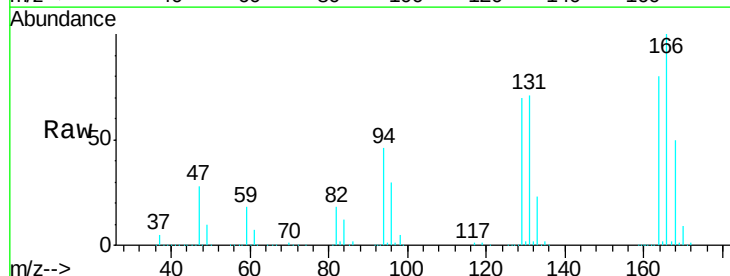
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

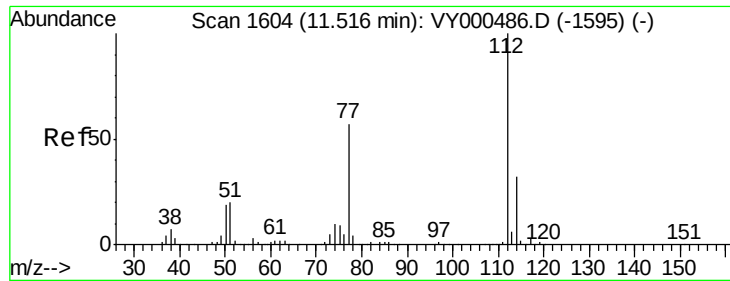
Tgt Ion:117 Resp: 373080
Ion Ratio Lower Upper
117 100
82 54.1 40.8 61.2
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 96.369 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion:164 Resp: 297290
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 88.4 73.2 109.8
131 89.0 74.2 111.2





#65

Chlorobenzene

Concen: 102.180 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

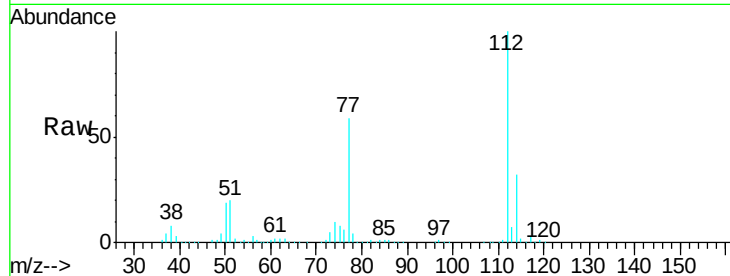
VSTDIC100

Tgt Ion:112 Resp: 772903

Ion Ratio Lower Upper

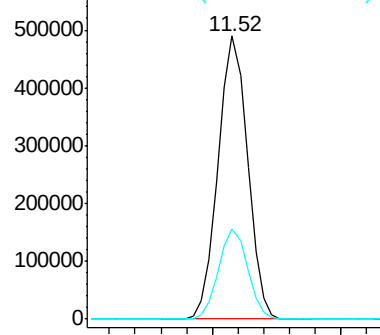
112 100

114 32.0 25.3 37.9

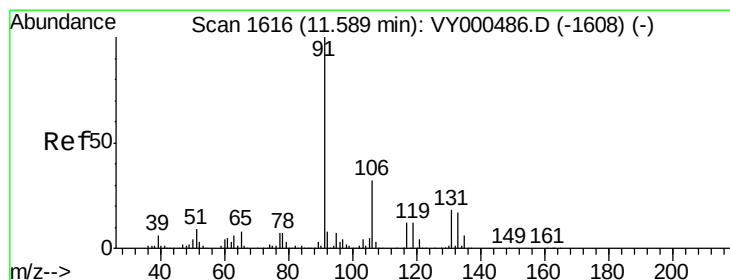
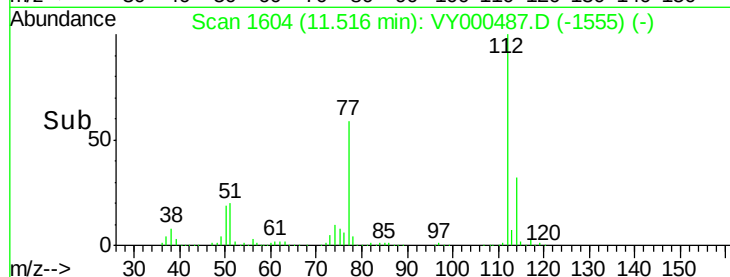


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 104.110 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

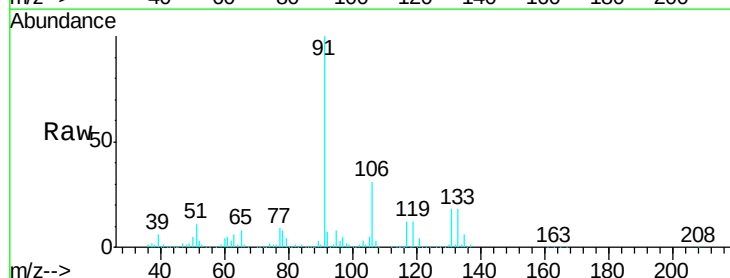
Tgt Ion:131 Resp: 273118

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.8

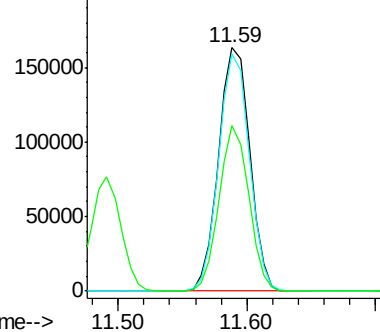
119 64.7 33.1 99.3



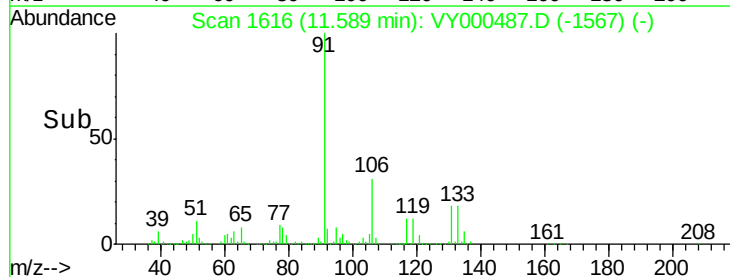
Abundance Ion 130.80 (130.50 to 131.50): V

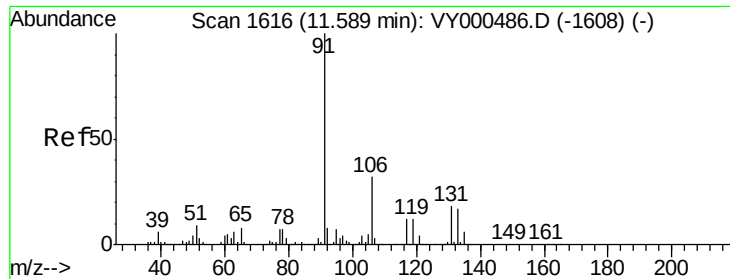
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 103.305 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

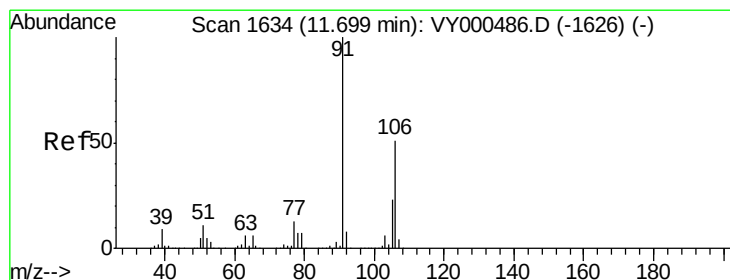
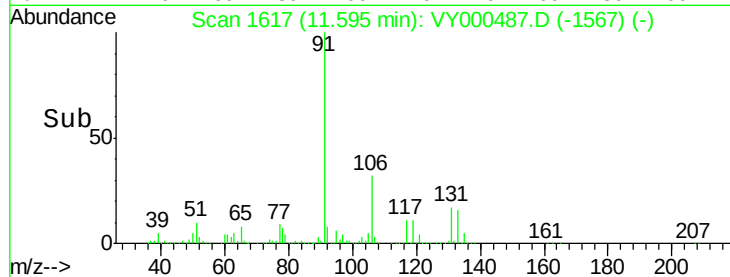
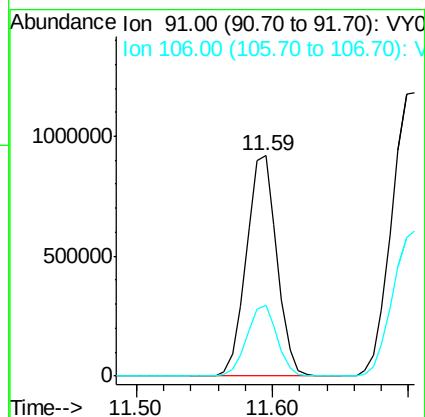
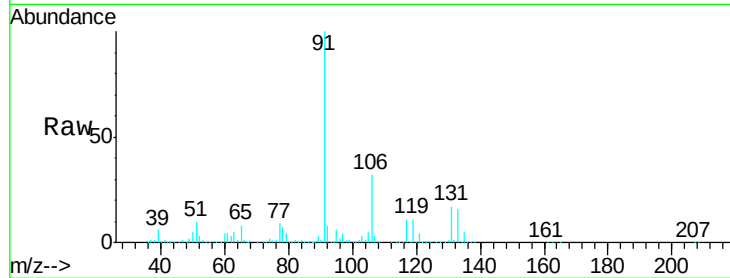
VSTDIC100

Tgt Ion: 91 Resp: 1438131

Ion Ratio Lower Upper

91 100

106 32.3 25.4 38.0



#68

m/p-Xylenes

Concen: 205.745 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY000487.D

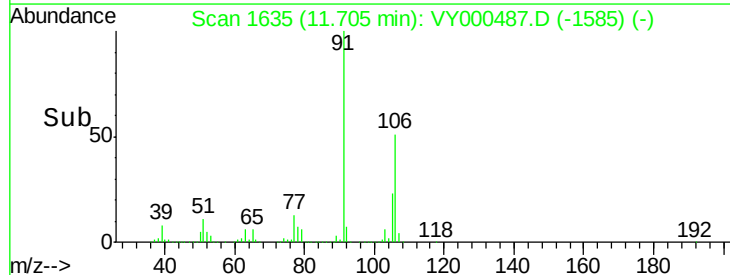
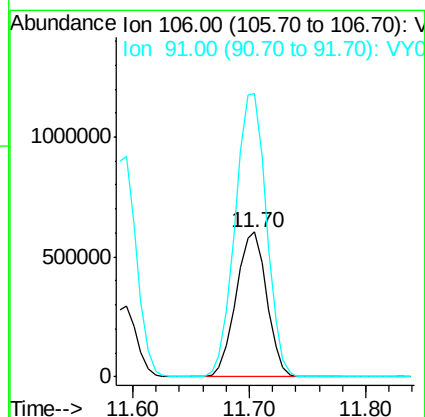
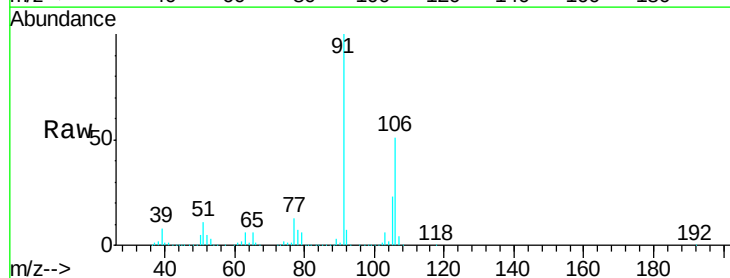
Acq: 30 Oct 2019 12:09

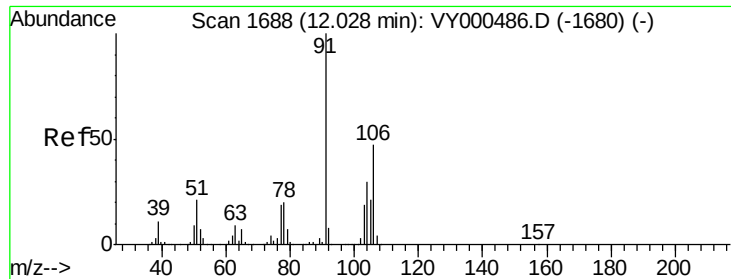
Tgt Ion: 106 Resp: 1108576

Ion Ratio Lower Upper

106 100

91 199.6 155.9 233.9

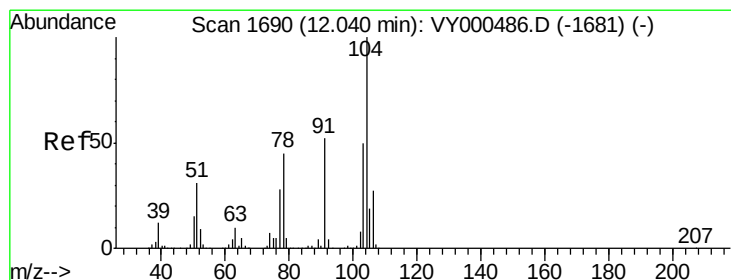
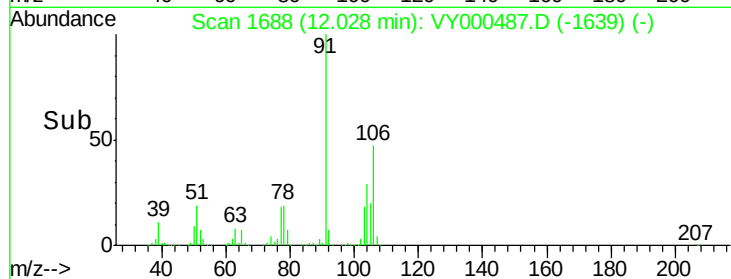
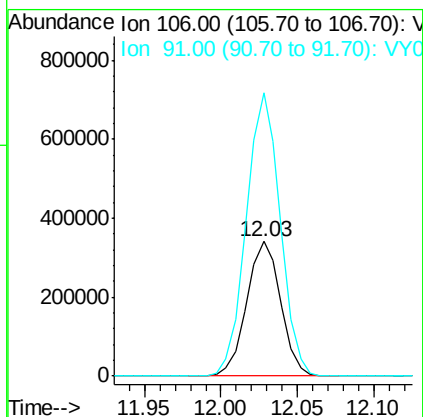
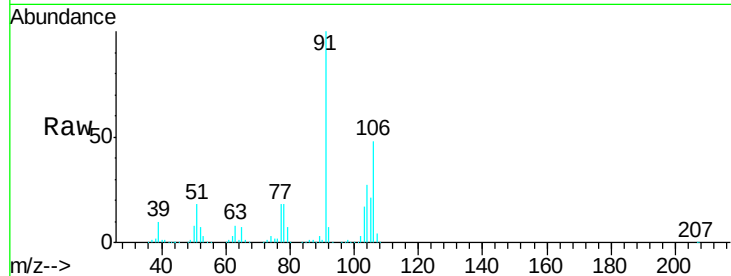




#69
o-Xylene
Concen: 103.807 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

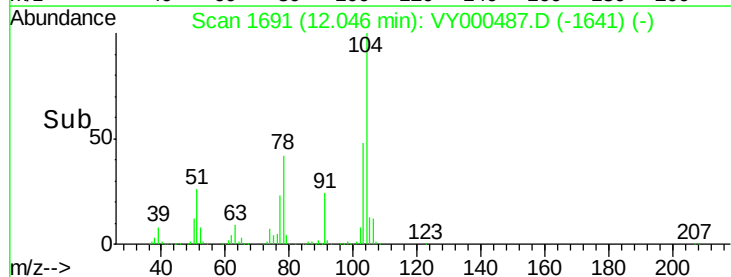
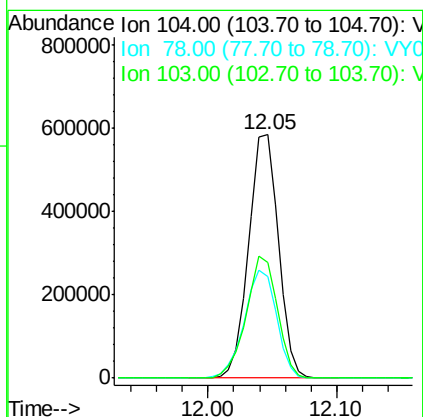
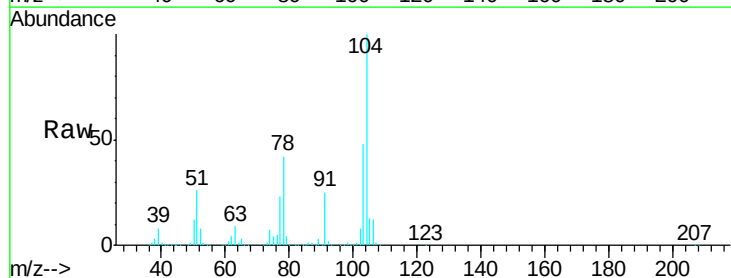
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

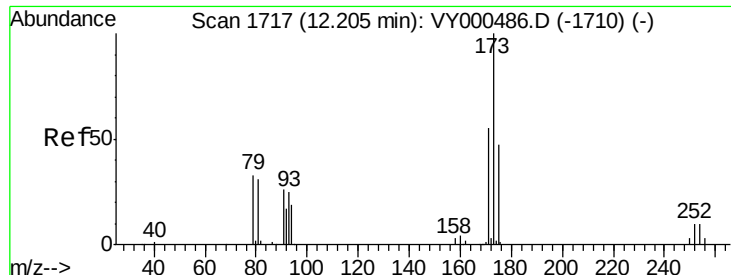
Tgt Ion:106 Resp: 525668
Ion Ratio Lower Upper
106 100
91 210.2 106.5 319.6



#70
Styrene
Concen: 107.201 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion:104 Resp: 929563
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 52.5 42.5 63.7





#71

Bromoform

Concen: 103.350 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

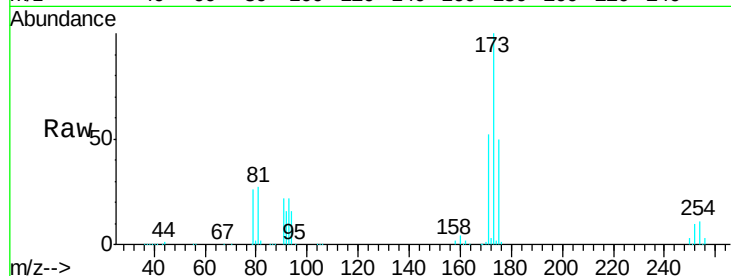
Tgt Ion:173 Resp: 155942

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.2

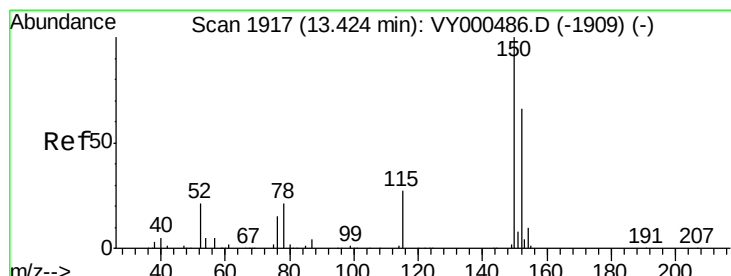
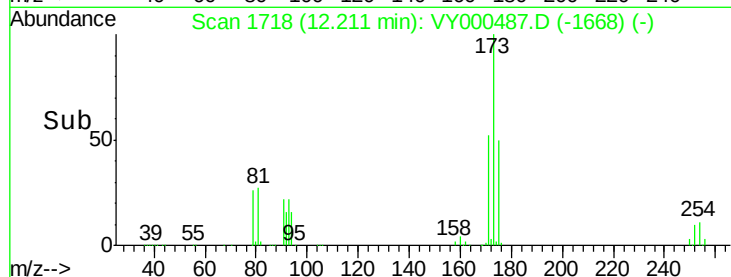
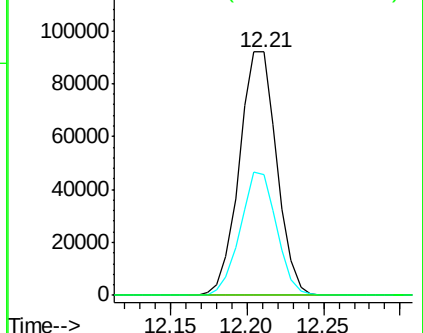
254 0.1 0.1 0.1



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: VY000487.D

Acq: 30 Oct 2019 12:09

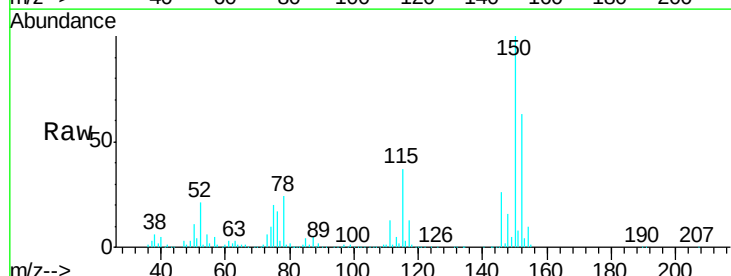
Tgt Ion:152 Resp: 184797

Ion Ratio Lower Upper

152 100

115 59.3 29.1 87.4

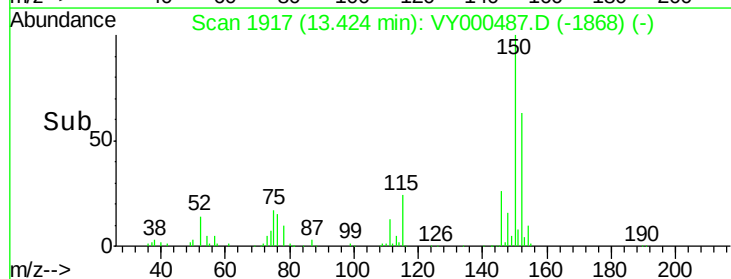
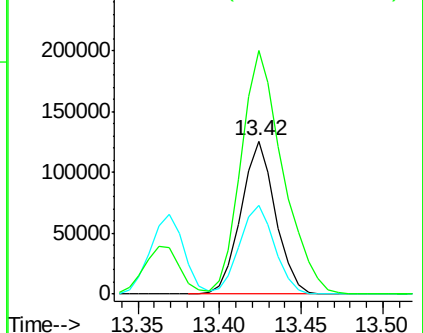
150 192.7 0.0 348.8

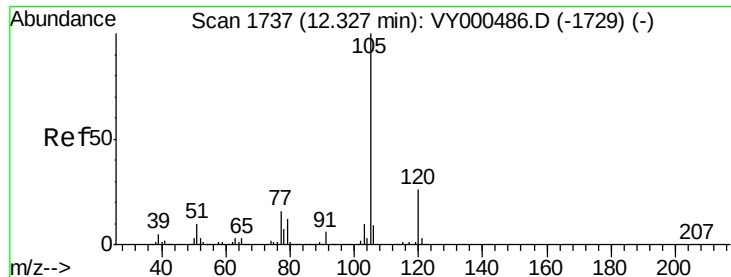


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 104.585 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

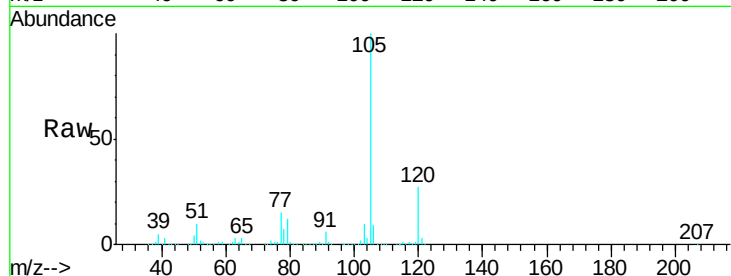
VSTDIC100

Tgt Ion: 105 Resp: 1428421

Ion Ratio Lower Upper

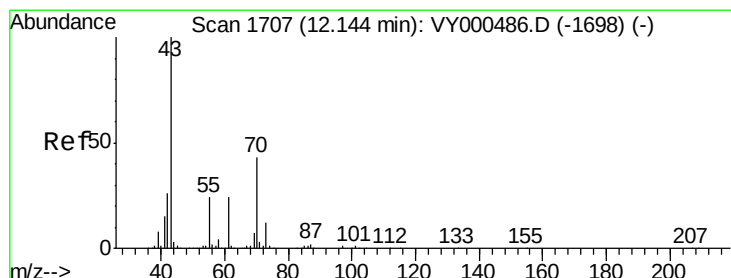
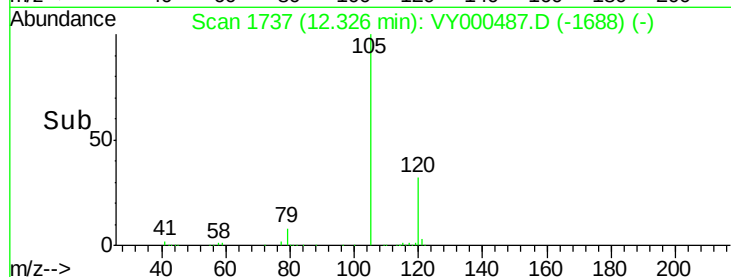
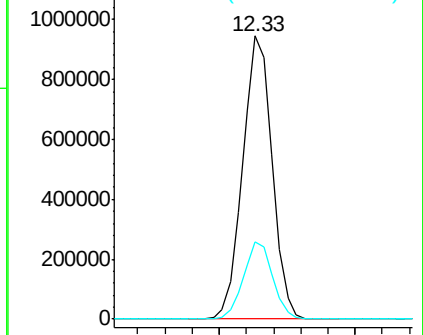
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.129 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Tgt Ion: 43 Resp: 419047

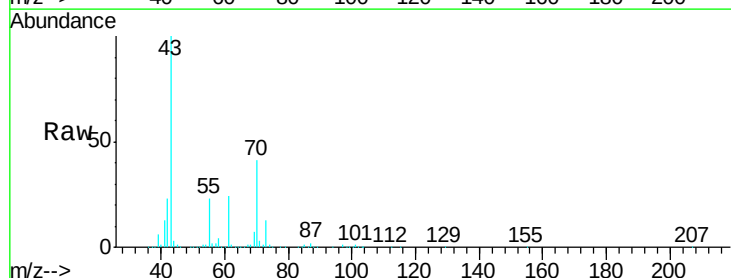
Ion Ratio Lower Upper

43 100

70 41.1 33.1 49.7

55 22.8 18.0 27.0

61 24.5 19.1 28.7

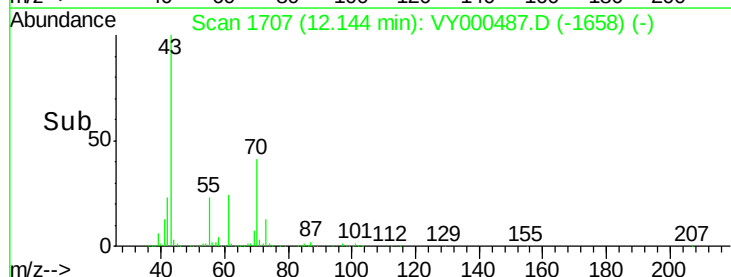
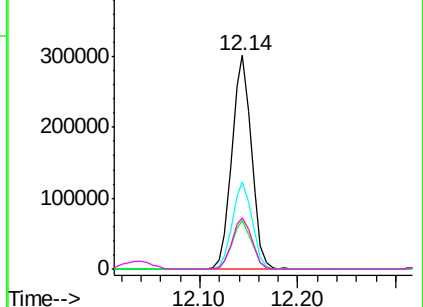


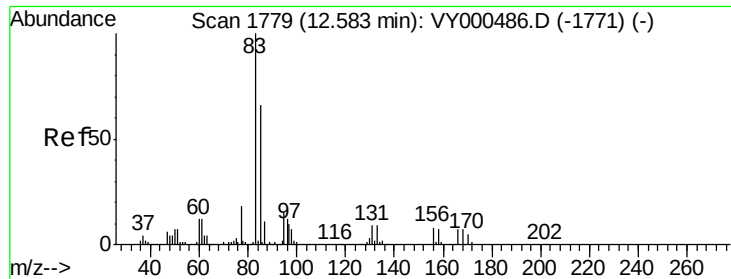
Abundance Ion 43.00 (42.70 to 43.70): VY0

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

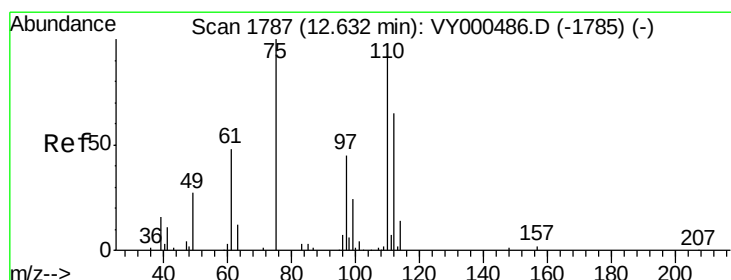
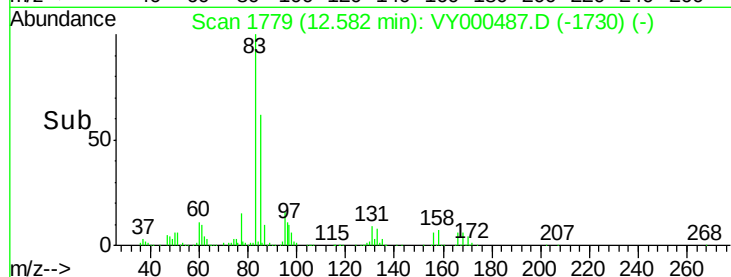
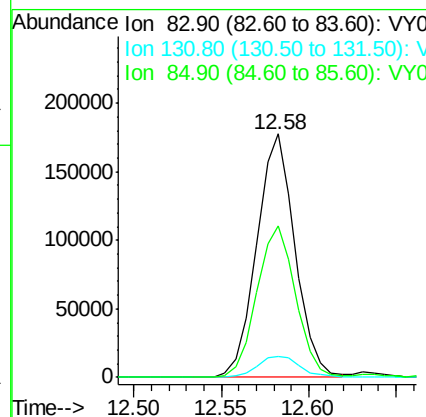
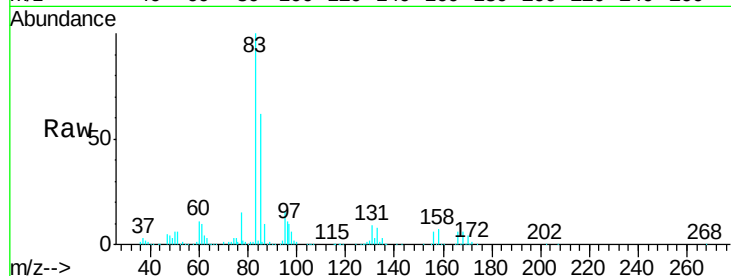




#75
 1,1,2,2-Tetrachloroethane
 Concen: 100.356 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

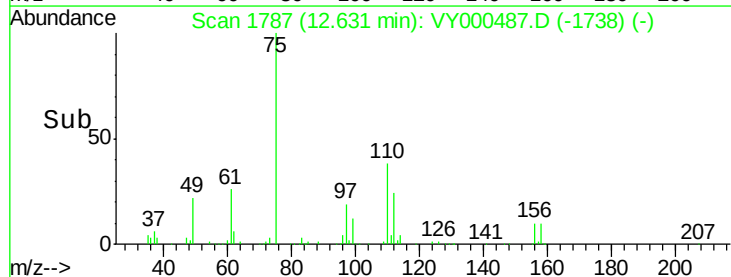
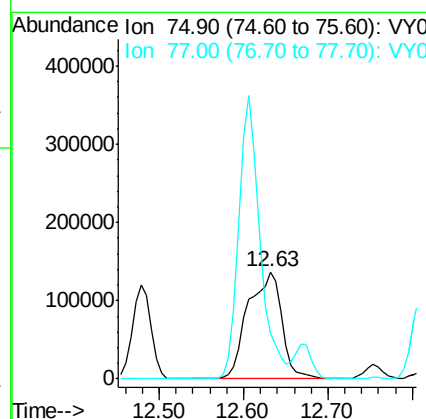
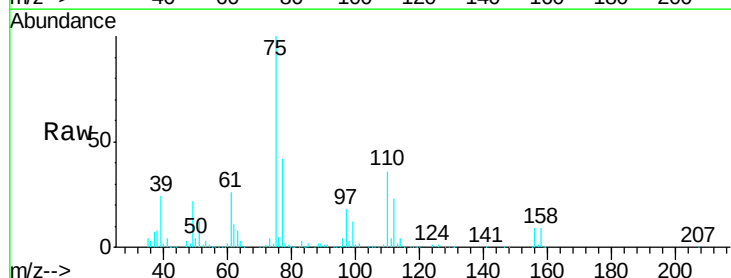
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

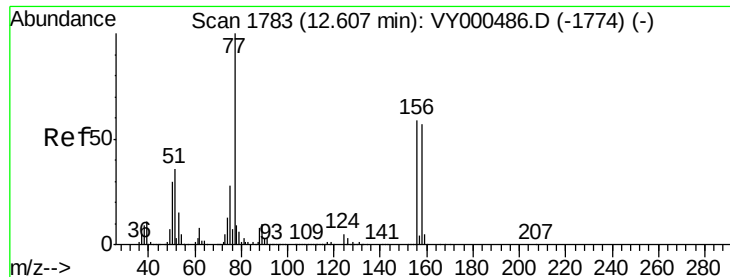
Tgt Ion: 83 Resp: 271391
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 14.9
 85 63.2 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 108.657 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 75 Resp: 371329
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.276 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

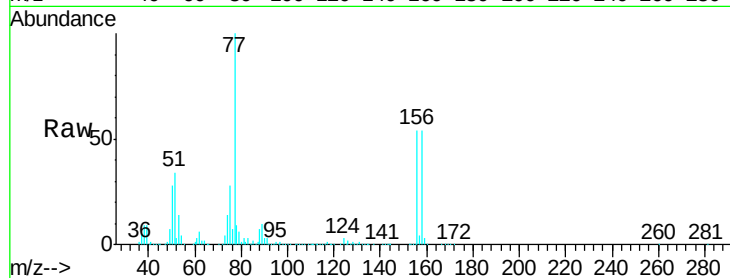
Tgt Ion:156 Resp: 307476

Ion Ratio Lower Upper

156 100

77 201.7 98.2 294.4

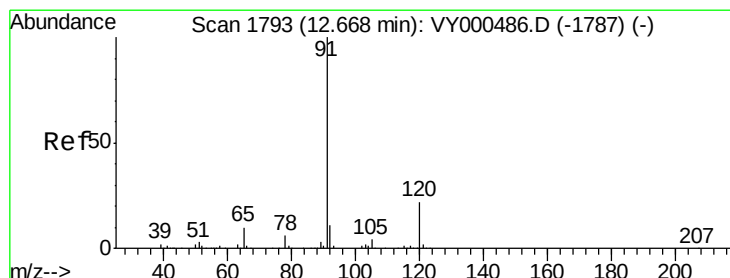
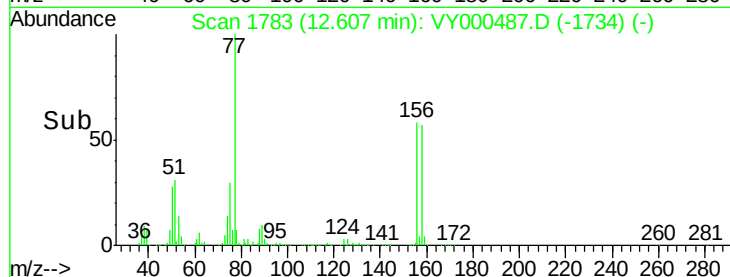
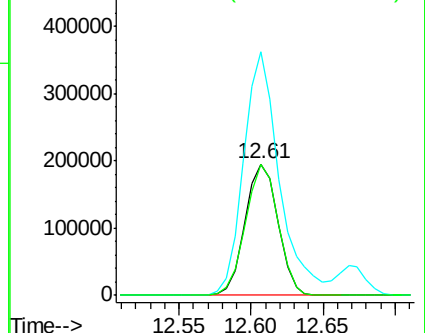
158 98.7 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 105.093 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000487.D

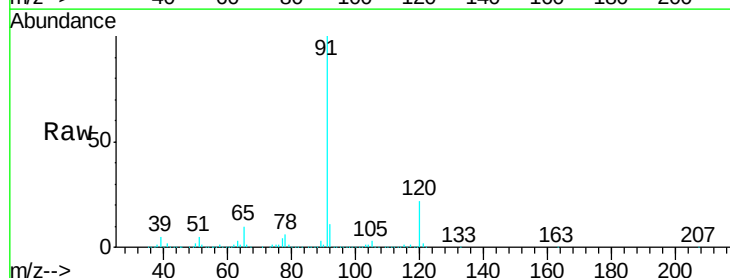
Acq: 30 Oct 2019 12:09

Tgt Ion: 91 Resp: 1731861

Ion Ratio Lower Upper

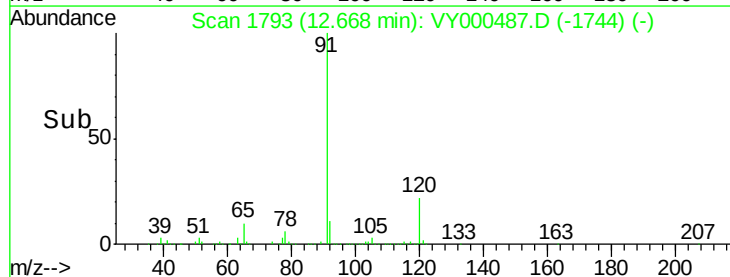
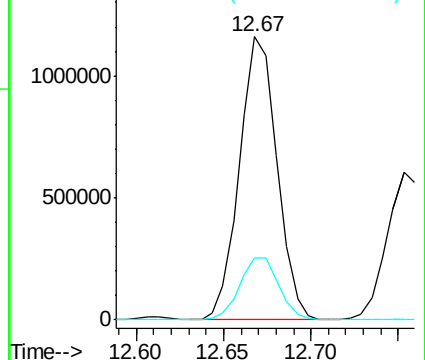
91 100

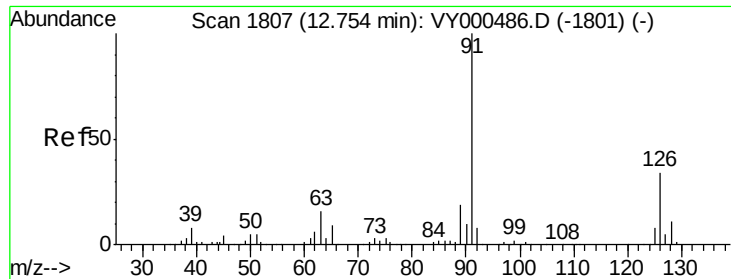
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

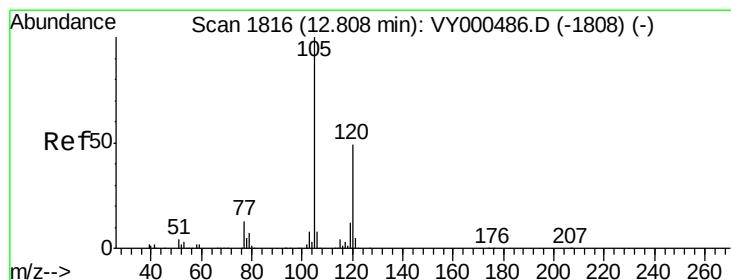
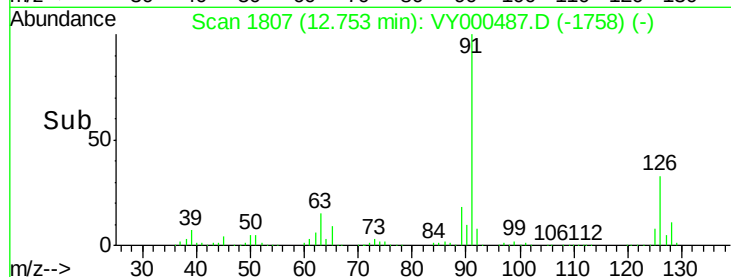
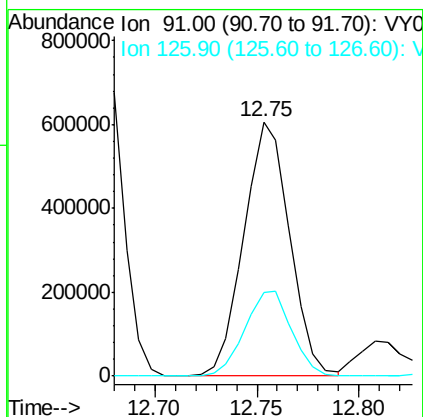
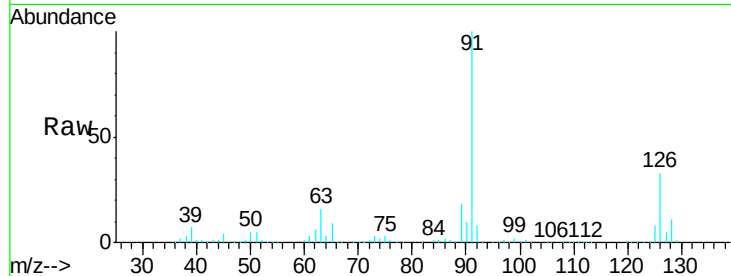




#79
 2-Chlorotoluene
 Concen: 103.780 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

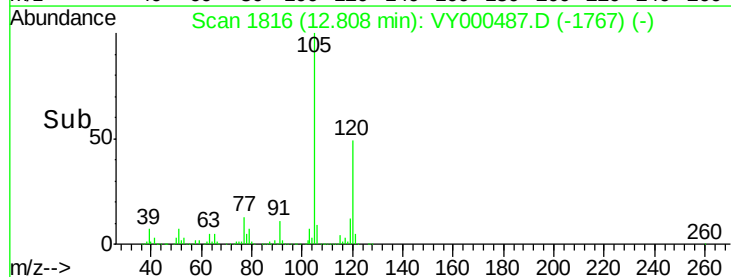
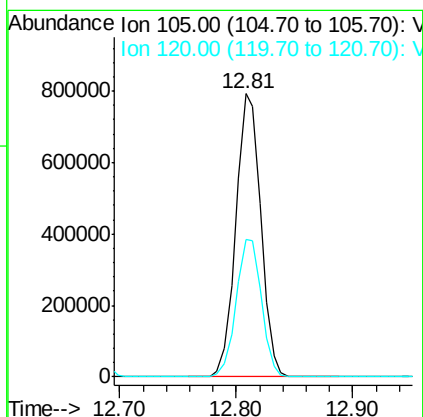
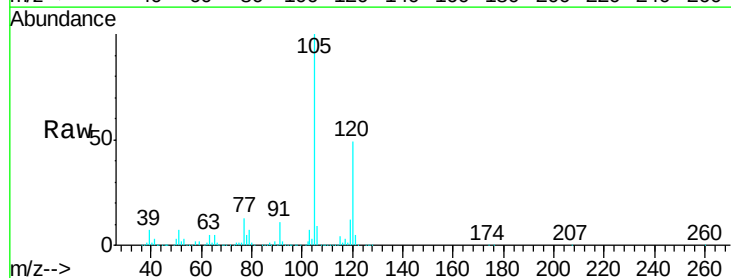
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

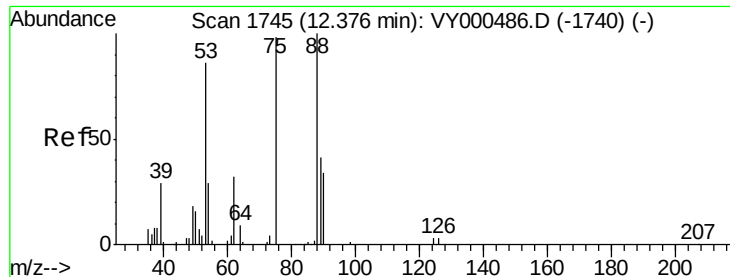
Tgt Ion: 91 Resp: 949448
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 104.065 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 105 Resp: 1183745
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 108.836 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

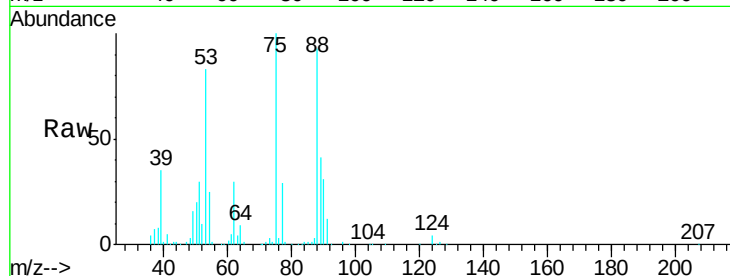
Tgt Ion: 75 Resp: 102139

Ion Ratio Lower Upper

75 100

53 85.3 73.2 109.8

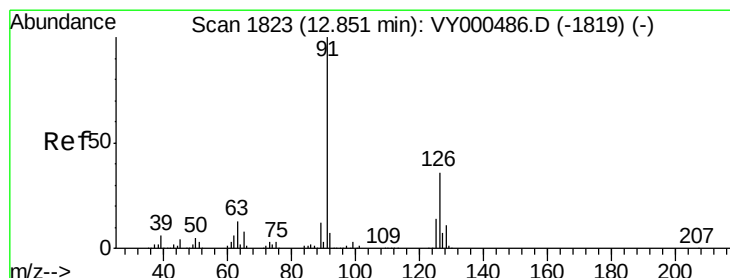
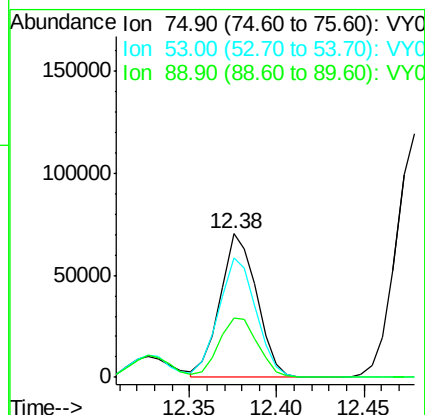
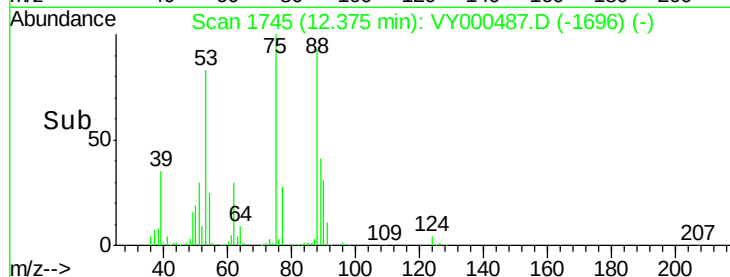
89 44.2 35.9 53.9



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: 105.987 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000487.D

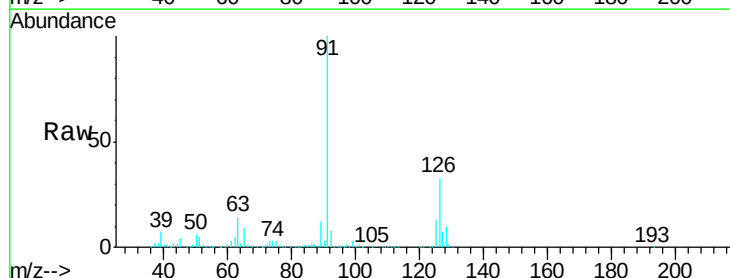
Acq: 30 Oct 2019 12:09

Tgt Ion: 91 Resp: 1005106

Ion Ratio Lower Upper

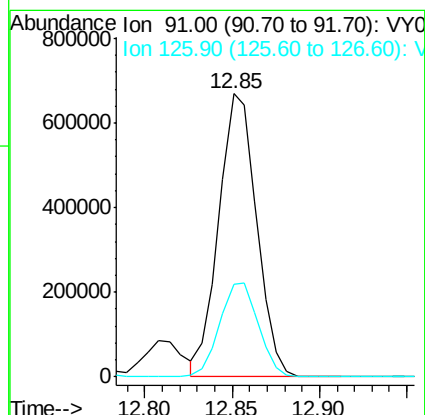
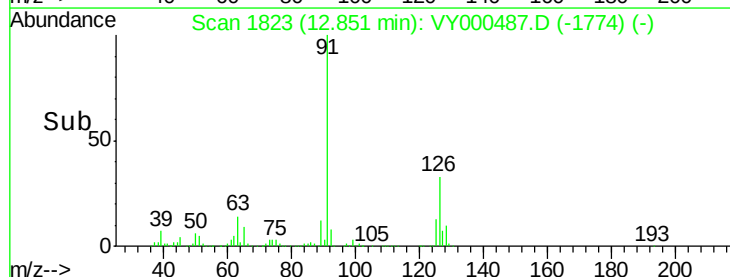
91 100

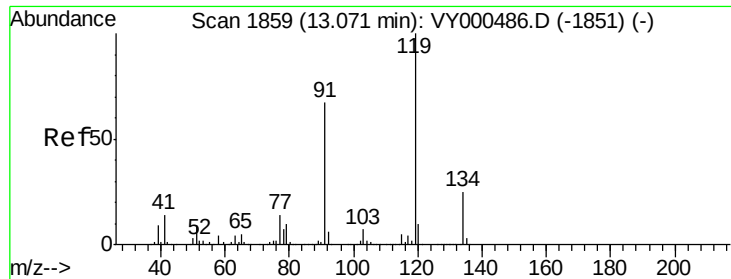
126 34.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

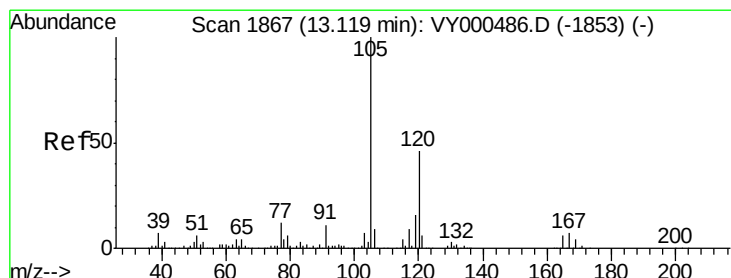
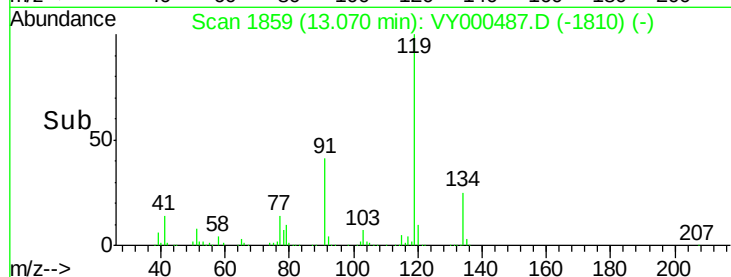
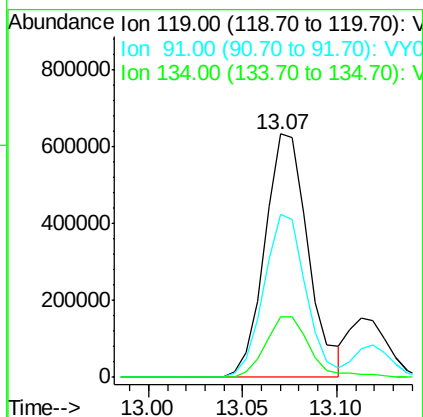
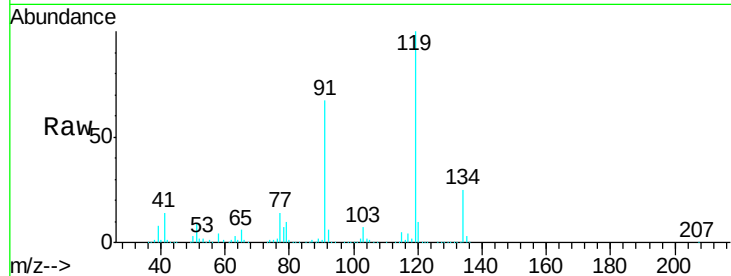




#83
 tert-Butylbenzene
 Concen: 104.415 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

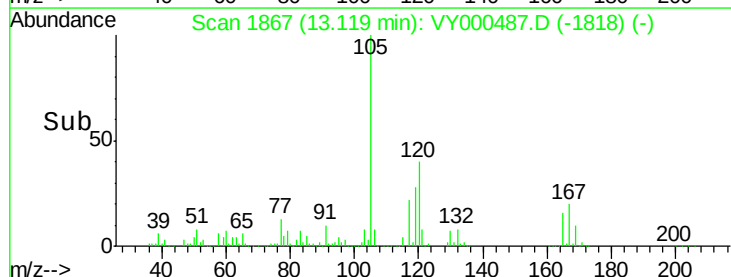
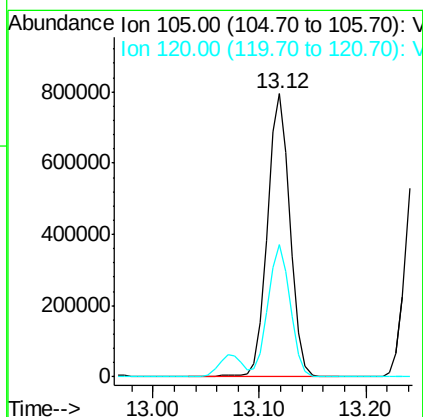
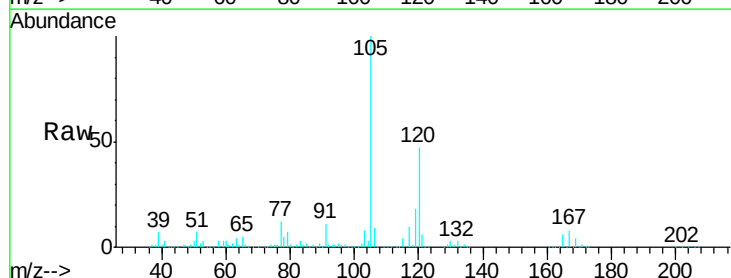
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

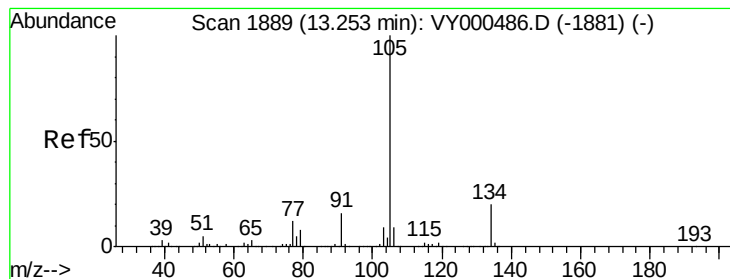
Tgt Ion:119 Resp: 1014117
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.1 96.3
 134 25.6 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 103.794 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion:105 Resp: 1175532
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9





#85

sec-Butylbenzene

Concen: 105.755 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

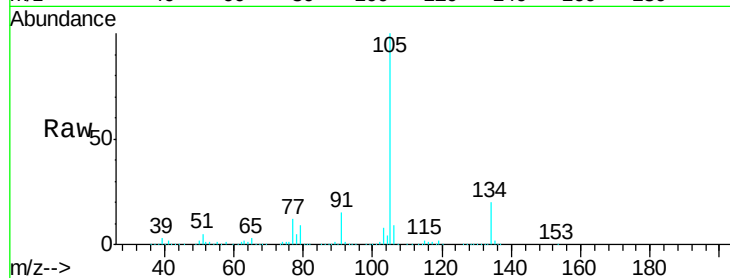
VSTDIC100

Tgt Ion:105 Resp: 1463377

Ion Ratio Lower Upper

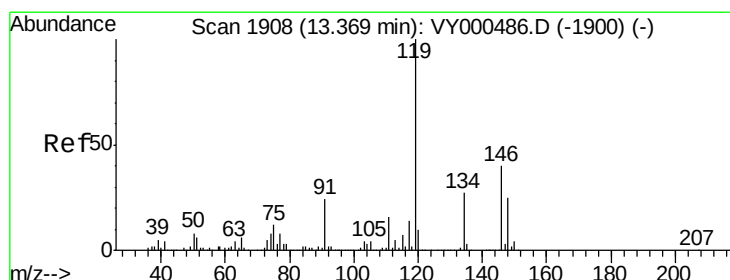
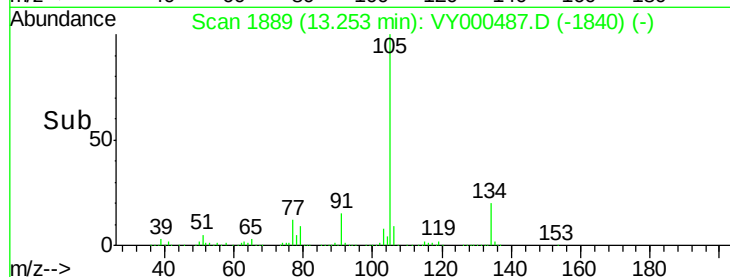
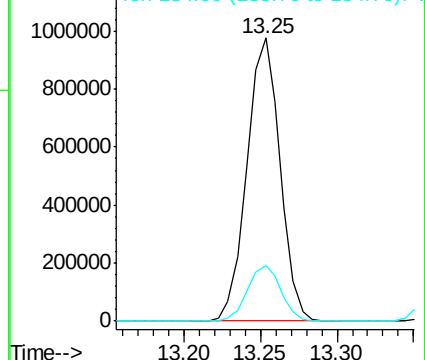
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.182 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000487.D

Acq: 30 Oct 2019 12:09

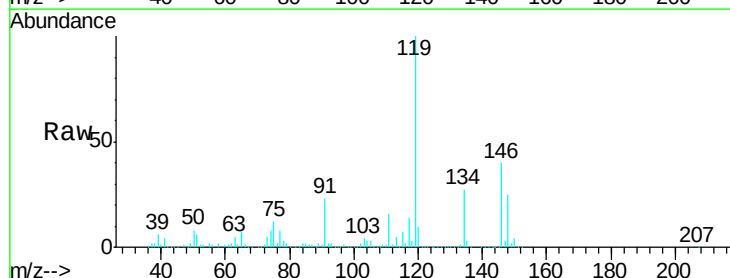
Tgt Ion:119 Resp: 1284831

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

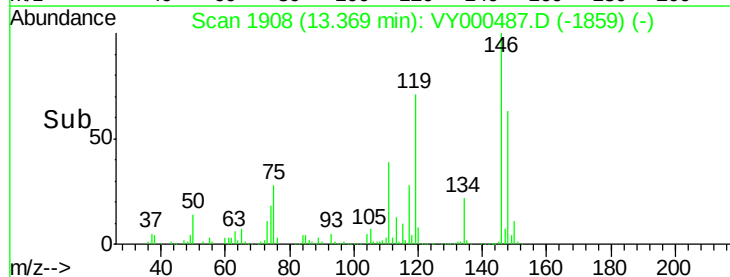
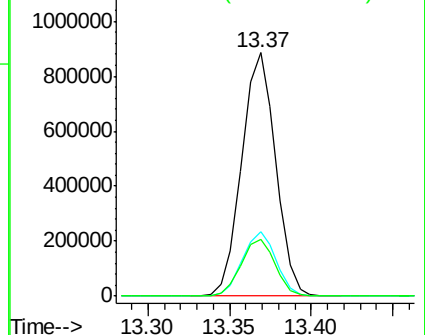
91 23.4 12.0 36.1

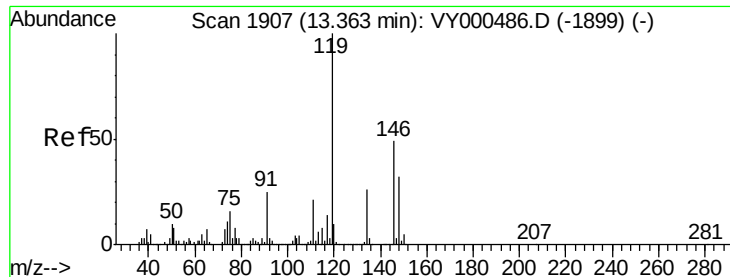


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

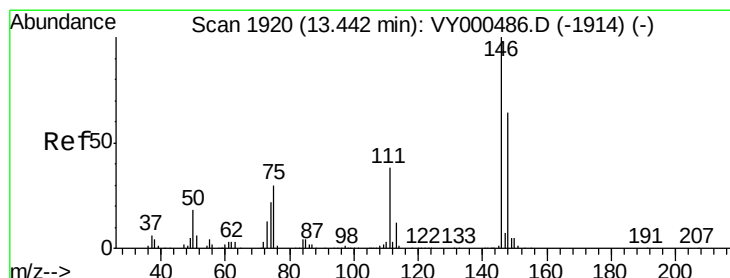
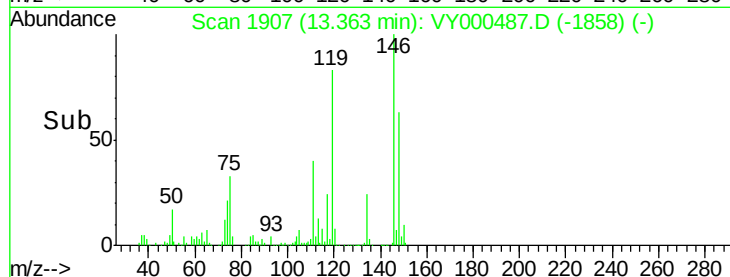
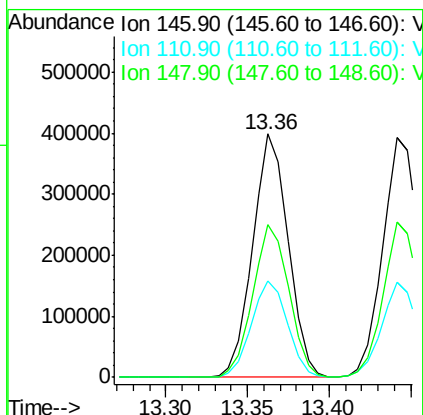
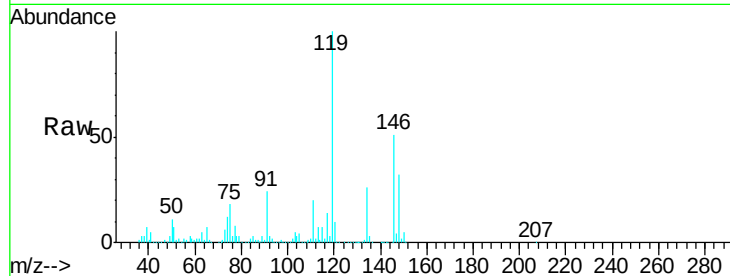




#87
 1,3-Dichlorobenzene
 Concen: 99.468 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

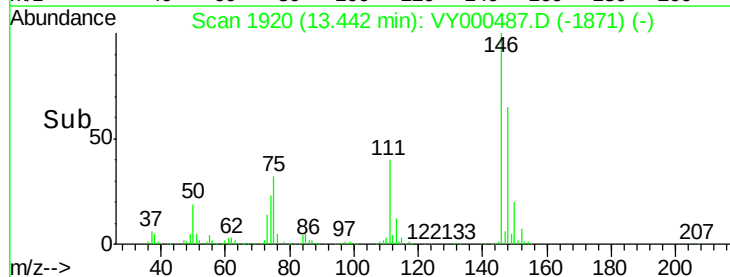
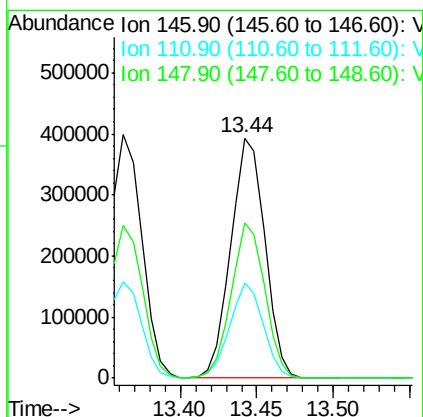
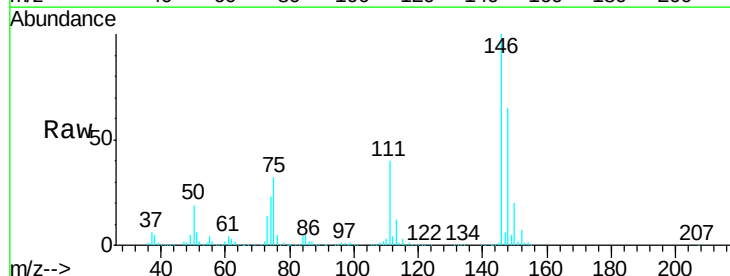
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

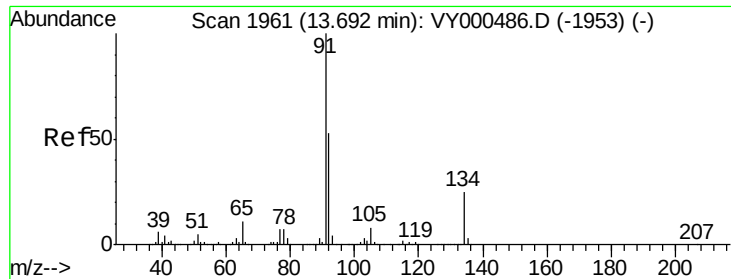
Tgt Ion:146 Resp: 603421
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.8
 148 63.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 100.256 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion:146 Resp: 607757
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 63.6 31.9 95.7

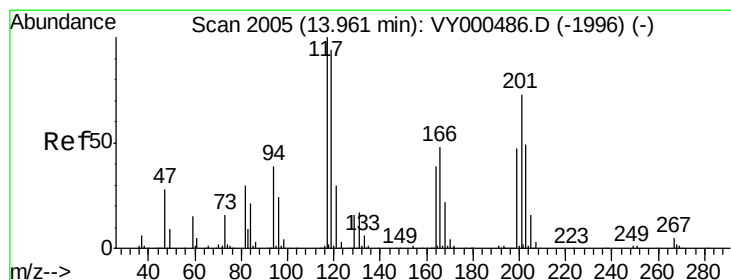
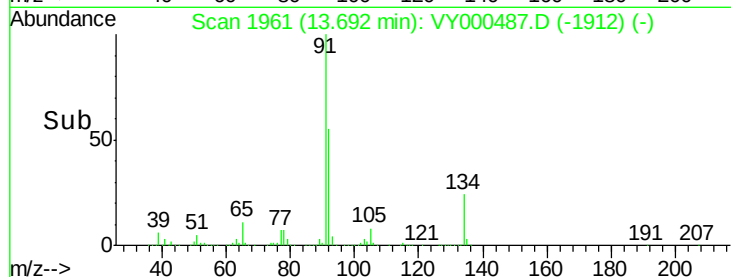
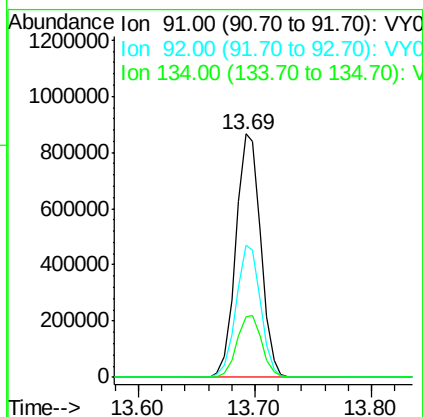
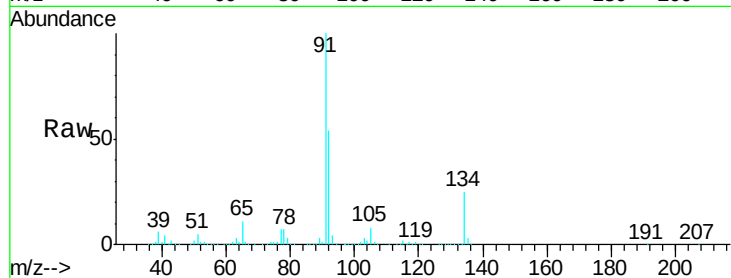




#89
n-Butylbenzene
Concen: 105.342 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

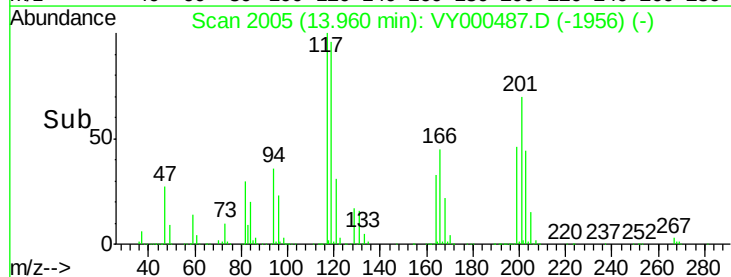
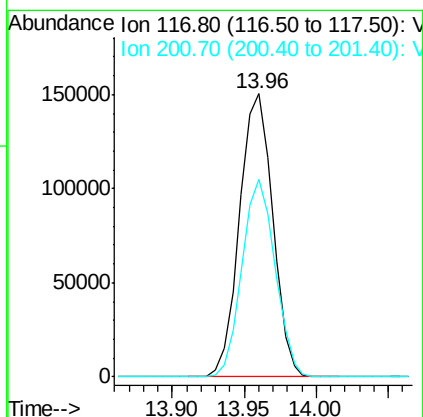
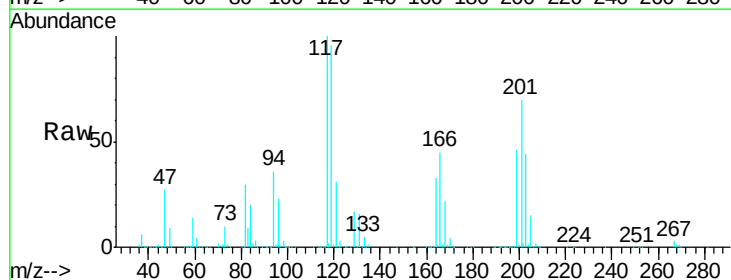
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

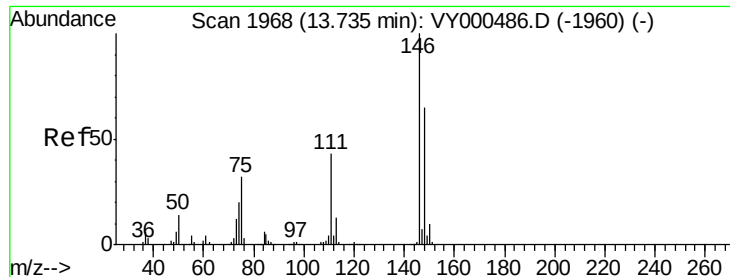
Tgt Ion: 91 Resp: 1281343
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 105.528 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion: 117 Resp: 240596
Ion Ratio Lower Upper
117 100
201 69.4 35.8 107.3

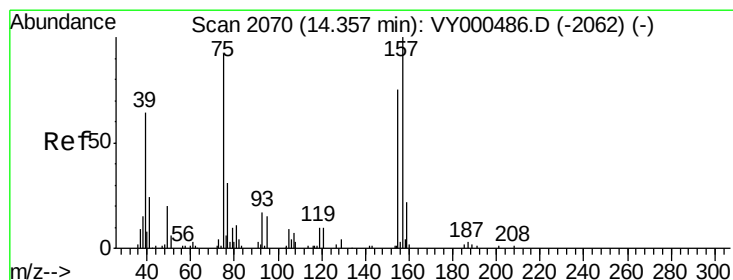
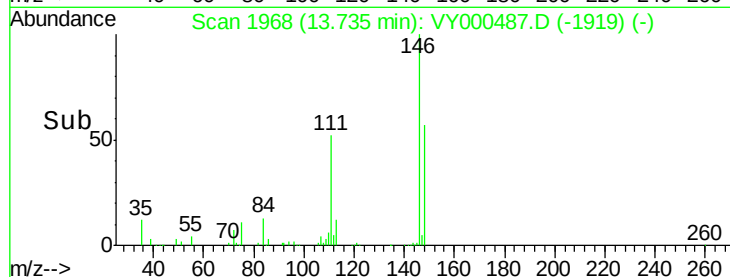
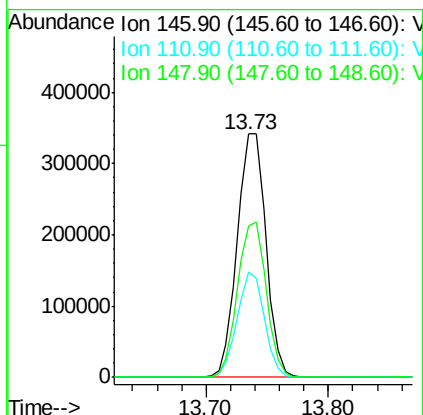
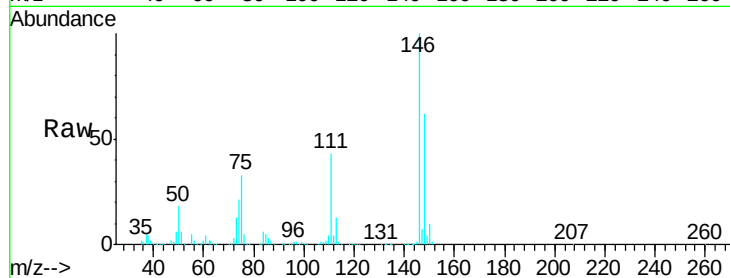




#91
 1,2-Dichlorobenzene
 Concen: 100.973 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

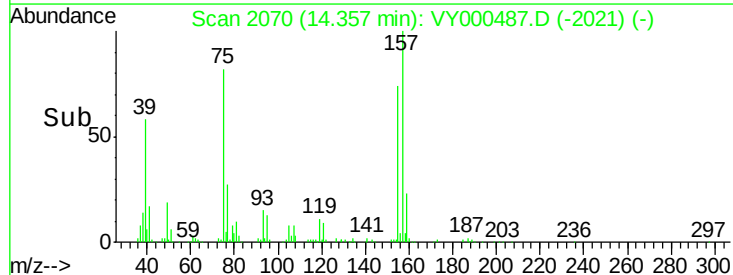
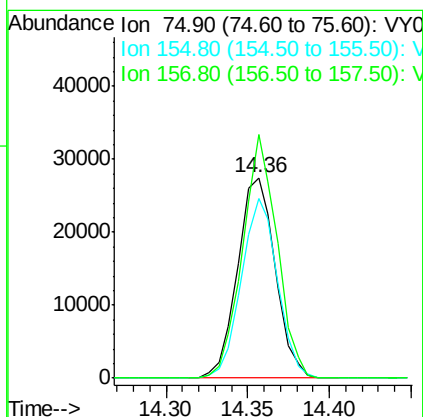
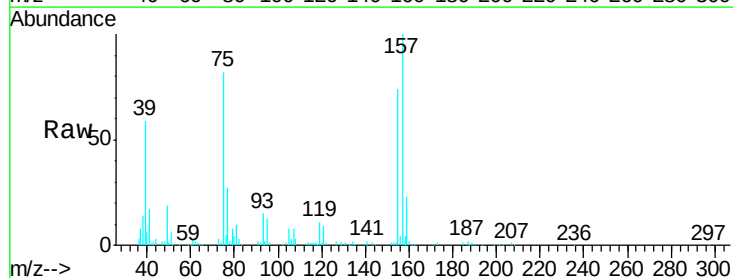
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

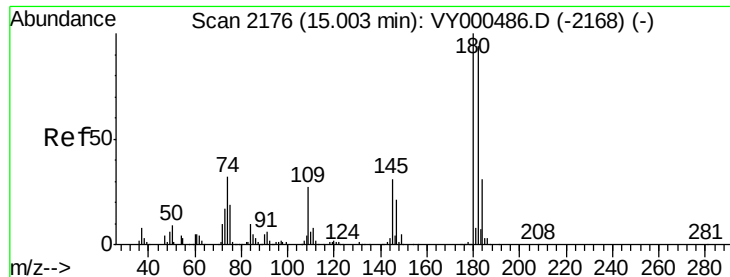
Tgt Ion:146 Resp: 555772
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.517 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion: 75 Resp: 44279
 Ion Ratio Lower Upper
 75 100
 155 86.0 42.4 127.1
 157 111.2 55.1 165.3

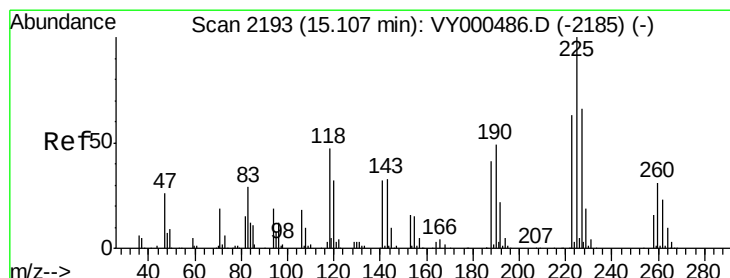
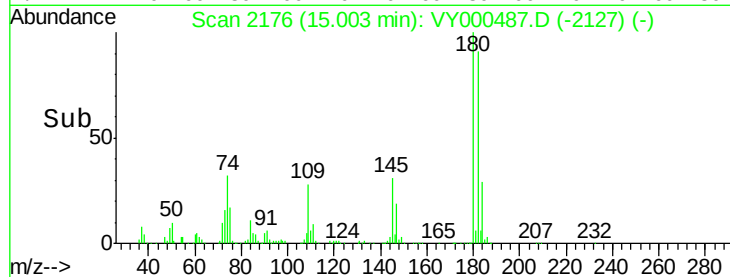
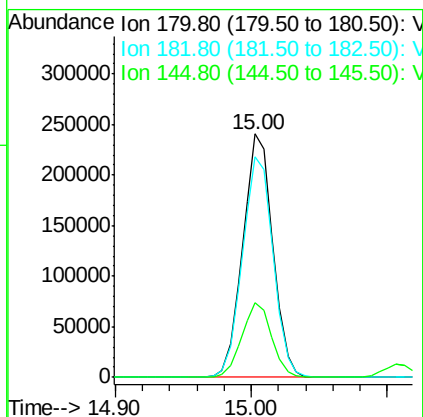
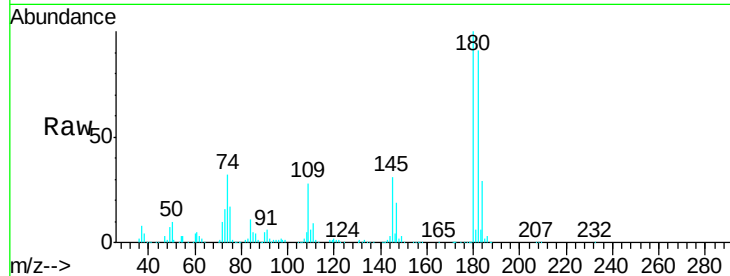




#93
 1,2,4-Trichlorobenzene
 Concen: 98.436 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

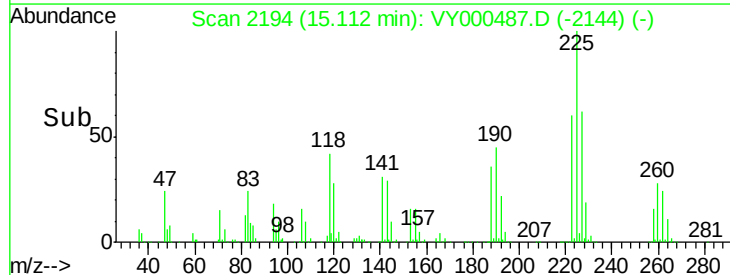
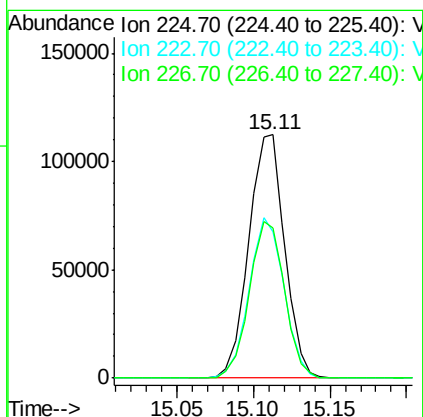
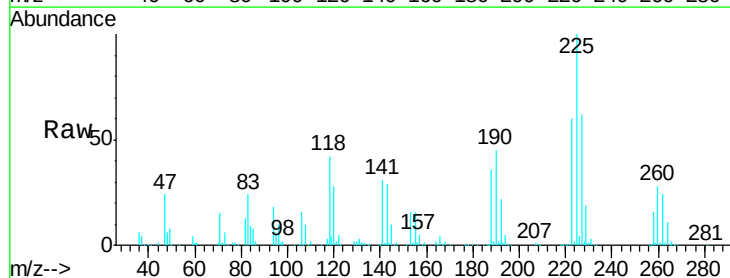
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

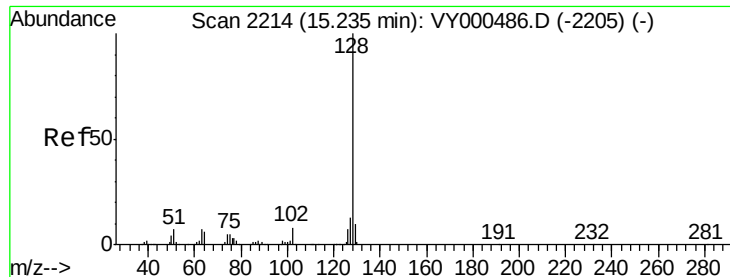
Tgt Ion:180 Resp: 368917
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.8 143.4
 145 30.6 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 94.838 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000487.D
 Acq: 30 Oct 2019 12:09

Tgt Ion:225 Resp: 183218
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.3 93.8
 227 63.1 32.4 97.0

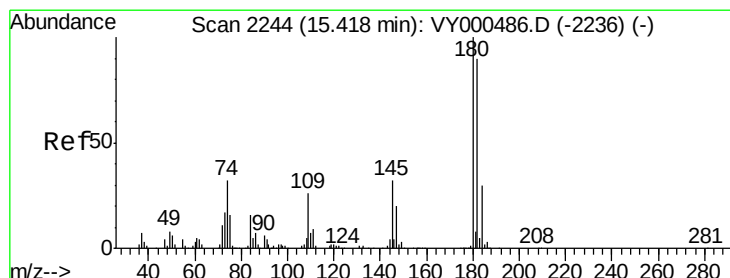
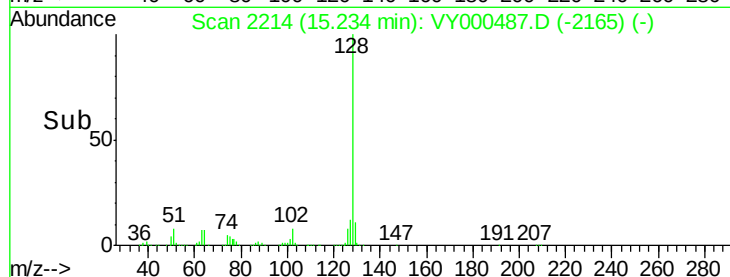
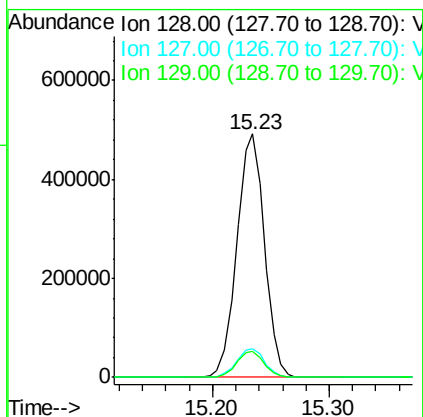
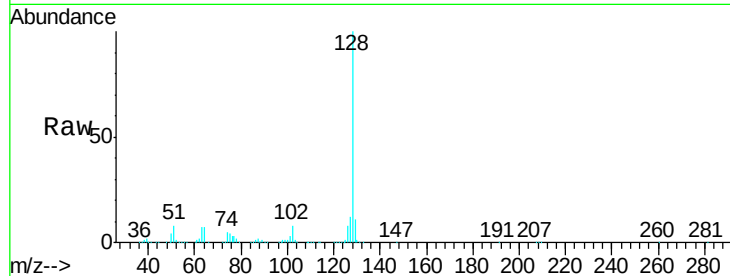




#95
Naphthalene
Concen: 97.737 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 813151
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 96.860 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000487.D
Acq: 30 Oct 2019 12:09

Tgt Ion:180 Resp: 325677
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 32.6 15.7 47.0

