

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000463.D
 Acq On : 29 Oct 2019 10:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:15:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	202721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	330636	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	308829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	117658	55.02	ug/l	0.00
Spiked Amount						
			Recovery	=	110.04%	
35) Dibromofluoromethane	7.72	113	106495	53.40	ug/l	0.00
Spiked Amount						
			Recovery	=	106.80%	
50) Toluene-d8	10.18	98	423568	55.21	ug/l	0.00
Spiked Amount						
			Recovery	=	110.42%	
62) 4-Bromofluorobenzene	12.48	95	153624	52.71	ug/l	0.00
Spiked Amount						
			Recovery	=	105.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	62193	37.775	ug/l	97
3) Chloromethane	2.11	50	113741	45.915	ug/l	99
4) Vinyl Chloride	2.25	62	105933	42.373	ug/l	99
5) Bromomethane	2.65	94	67509	36.436	ug/l	94
6) Chloroethane	2.79	64	76265	47.279	ug/l	99
7) Trichlorofluoromethane	3.13	101	166445	48.672	ug/l	97
8) Diethyl Ether	3.53	74	62821	52.000	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	103329	49.823	ug/l	99
10) Methyl Iodide	4.09	142	113360	38.650	ug/l	99
11) Tert butyl alcohol	4.97	59	54438	243.261	ug/l	99
12) 1,1-Dichloroethene	3.87	96	100179	48.929	ug/l	95
13) Acrolein	3.74	56	48097	183.322	ug/l	100
14) Allyl chloride	4.48	41	172333	50.792	ug/l	99
15) Acrylonitrile	5.17	53	174987	258.782	ug/l	98
16) Acetone	3.95	43	196858	284.271	ug/l	99
17) Carbon Disulfide	4.19	76	264902	41.093	ug/l	98
18) Methyl Acetate	4.48	43	85547	49.719	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	304138	53.361	ug/l	98
20) Methylene Chloride	4.72	84	119482	51.355	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	113227	48.202	ug/l	91
22) Diisopropyl ether	6.13	45	396006	55.183	ug/l	99
23) Vinyl Acetate	6.07	43	1266149	270.449	ug/l	98
24) 1,1-Dichloroethane	6.02	63	200845	51.275	ug/l	98
25) 2-Butanone	7.00	43	286331	293.518	ug/l	97
26) 2,2-Dichloropropane	6.99	77	190481	52.774	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	133634	52.574	ug/l	99
28) Bromochloromethane	7.34	49	88206	52.456	ug/l	100
29) Tetrahydrofuran	7.36	42	155217	262.546	ug/l	99
30) Chloroform	7.52	83	212722	53.926	ug/l	96
31) Cyclohexane	7.79	56	186716	45.639	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	188492	53.747	ug/l	98
36) 1,1-Dichloropropene	7.92	75	159662	49.322	ug/l	99
37) Ethyl Acetate	7.08	43	100821	52.599	ug/l	97
38) Carbon Tetrachloride	7.91	117	166884	53.244	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	205438	48.489	ug/l	93
40) Benzene	8.17	78	481808	51.503	ug/l	98
41) Methacrylonitrile	7.35	41	140079	153.530	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	141639	53.004	ug/l	99
43) Isopropyl Acetate	8.28	43	202046	55.437	ug/l	99
44) Trichloroethene	8.94	130	130138	49.579	ug/l	94
45) 1,2-Dichloropropane	9.22	63	123815	53.932	ug/l	98
46) Dibromomethane	9.31	93	70044	54.579	ug/l	96
47) Bromodichloromethane	9.50	83	168887	55.840	ug/l	95
48) Methyl methacrylate	9.30	41	86344	54.058	ug/l	98
49) 1,4-Dioxane	9.30	88	19596	1018.376	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	546502	290.727	ug/l	100
52) Toluene	10.25	92	308987	52.023	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	181399	55.964	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	201155	54.647	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	100234	53.717	ug/l	98
56) Ethyl methacrylate	10.51	69	151315	56.892	ug/l	99
57) 1,3-Dichloropropane	10.79	76	181416	56.612	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	324350	305.743	ug/l	98
59) 2-Hexanone	10.83	43	429095	325.209	ug/l	99
60) Dibromochloromethane	10.99	129	119339	57.702	ug/l	97
61) 1,2-Dibromoethane	11.09	107	97742	54.555	ug/l	99
64) Tetrachloroethene	10.72	164	132843	45.183	ug/l	99
65) Chlorobenzene	11.52	112	333389	51.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	120278	52.534	ug/l	98
67) Ethyl Benzene	11.59	91	620640	51.368	ug/l	99
68) m/p-Xylenes	11.70	106	469709	101.694	ug/l	100
69) o-Xylene	12.03	106	227665	51.669	ug/l	98
70) Styrene	12.05	104	391474	52.681	ug/l	100
71) Bromoform	12.20	173	74628	56.701	ug/l #	99
73) Isopropylbenzene	12.33	105	610619	50.243	ug/l	98
74) N-amyl acetate	12.14	43	185693	62.238	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	127200	55.744	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	176137	91.901	ug/l #	100
77) Bromobenzene	12.61	156	137289	50.765	ug/l	98
78) n-propylbenzene	12.67	91	740902	50.775	ug/l	100
79) 2-Chlorotoluene	12.75	91	411091	51.013	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	518538	50.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	46440	53.015	ug/l	98
82) 4-Chlorotoluene	12.85	91	431878	50.700	ug/l	99
83) tert-Butylbenzene	13.07	119	447426	51.845	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	521149	51.815	ug/l	99
85) sec-Butylbenzene	13.25	105	639169	51.197	ug/l	99
86) p-Isopropyltoluene	13.37	119	573928	52.731	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	277211	52.026	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	277205	52.049	ug/l	98
89) n-Butylbenzene	13.69	91	559390	52.009	ug/l	99
90) Hexachloroethane	13.96	117	108773	53.970	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	256729	53.240	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23102	53.382	ug/l	92

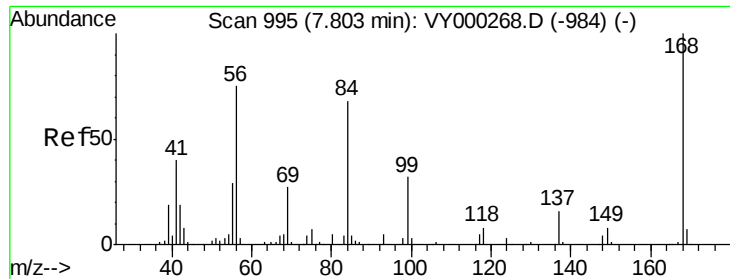
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	172695	51.438	ug/l	98
94) Hexachlorobutadiene	15.11	225	87910	48.385	ug/l	99
95) Naphthalene	15.23	128	386068	51.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	153942	50.877	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

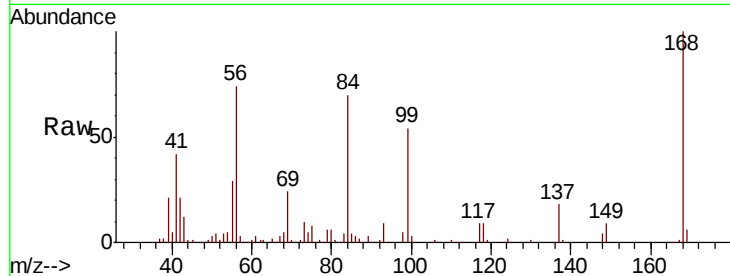
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 202721

Ion Ratio Lower Upper

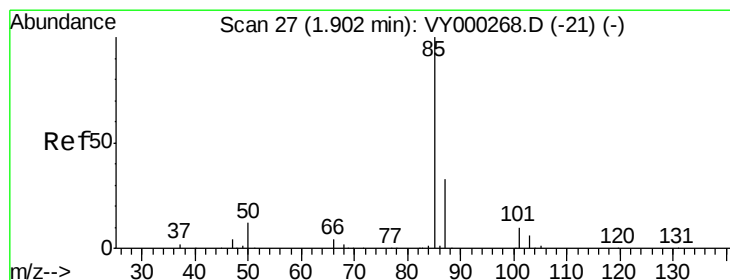
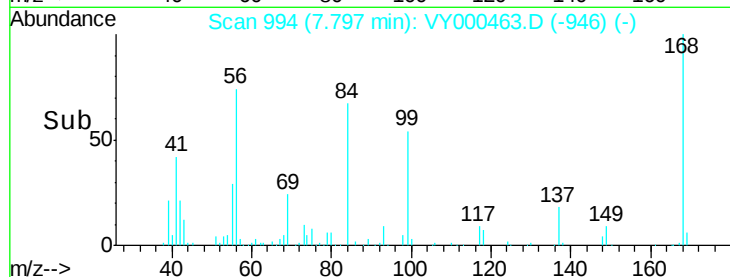
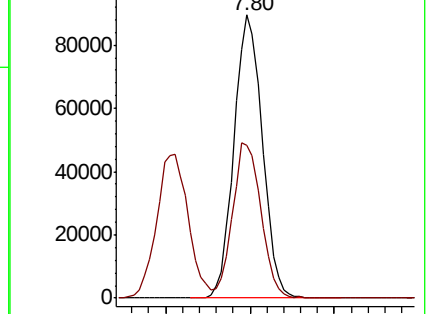
168 100

99 53.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000463.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000463.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 37.775 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000463.D

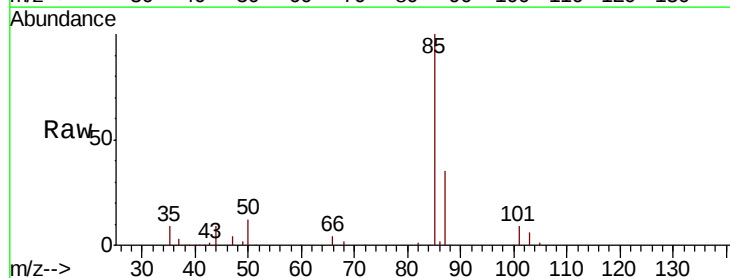
Acq: 29 Oct 2019 10:27

Tgt Ion: 85 Resp: 62193

Ion Ratio Lower Upper

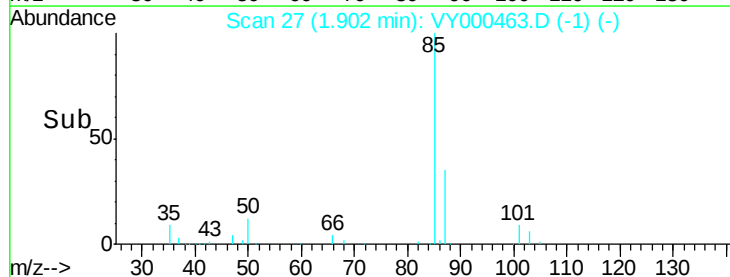
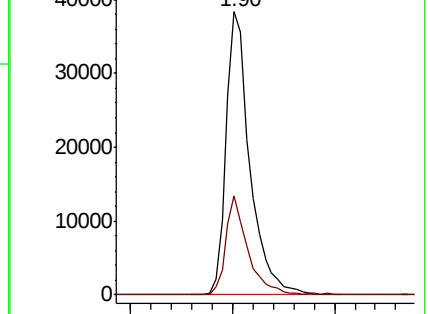
85 100

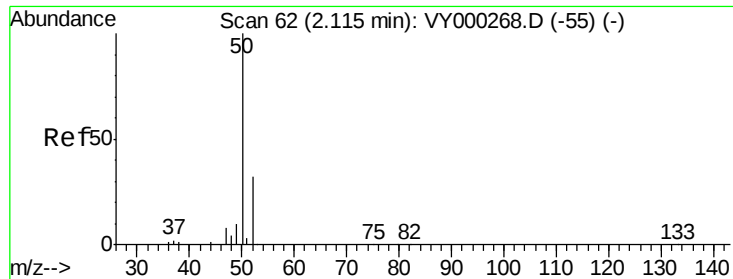
87 34.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000463.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000463.D (-1) (-)





#3

Chloromethane

Concen: 45.915 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

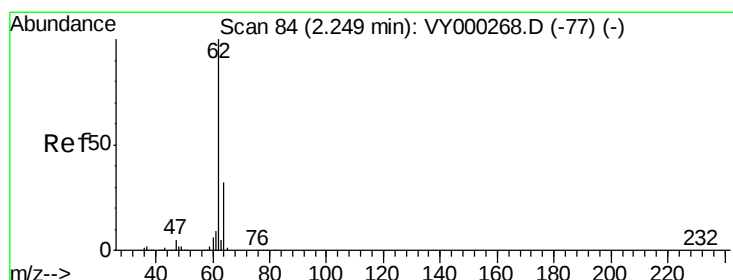
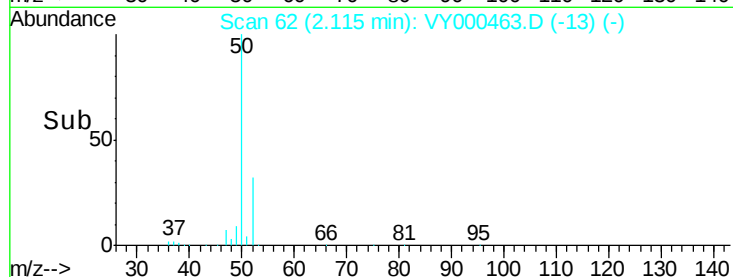
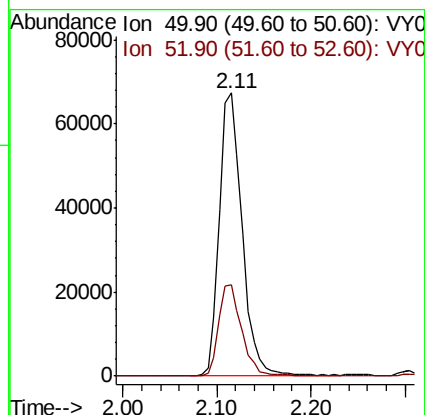
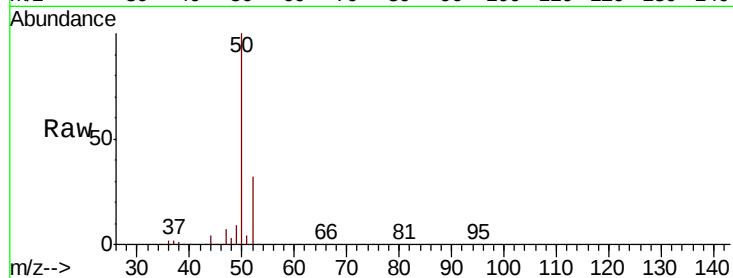
ClientSampleId :

Tot Ion: 50 Resp: 113741

Ion Ratio Lower Upper

50 100

52 32.2 25.3 37.9



#4

Vinyl Chloride

Concen: 42.373 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000463.D

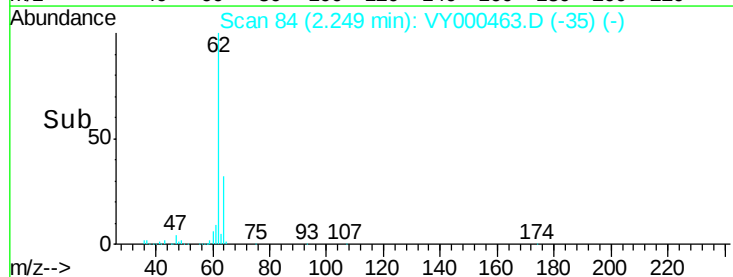
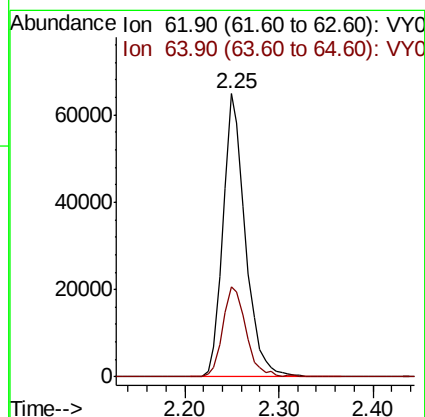
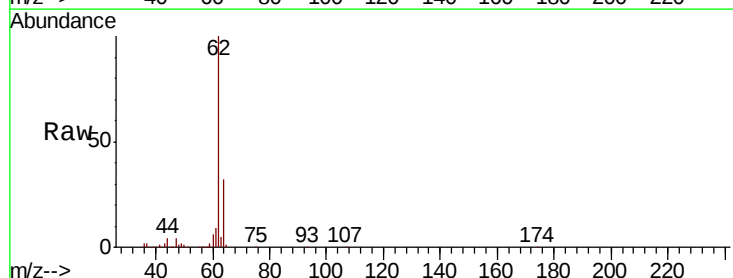
Acq: 29 Oct 2019 10:27

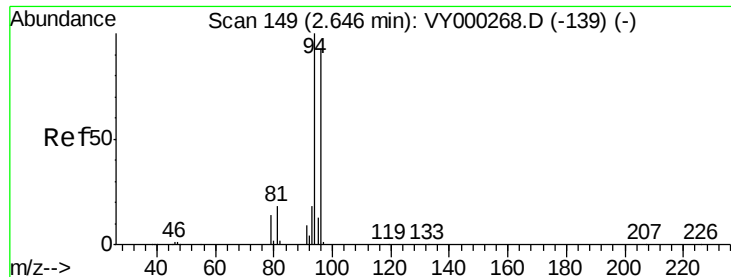
Tgt Ion: 62 Resp: 105933

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4

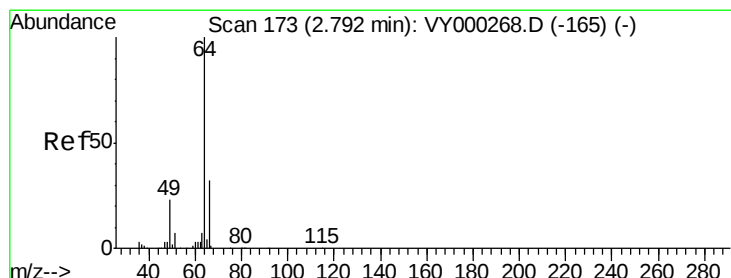
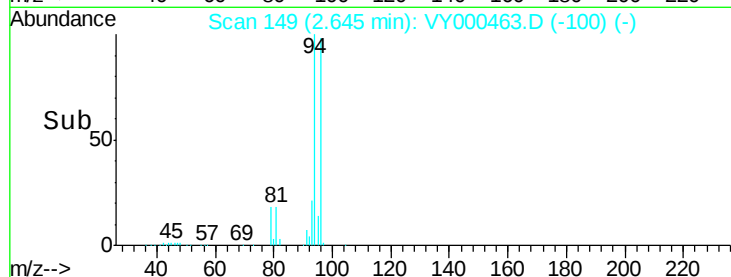
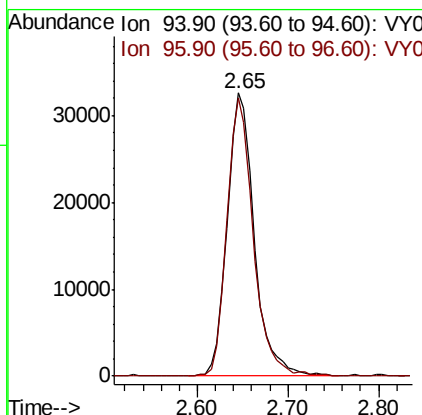
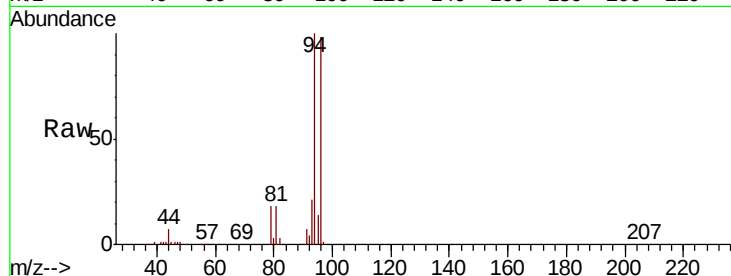




#5
Bromomethane
Concen: 36.436 ug/l
RT: 2.65 min Scan# 149
Delta R.T. 0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

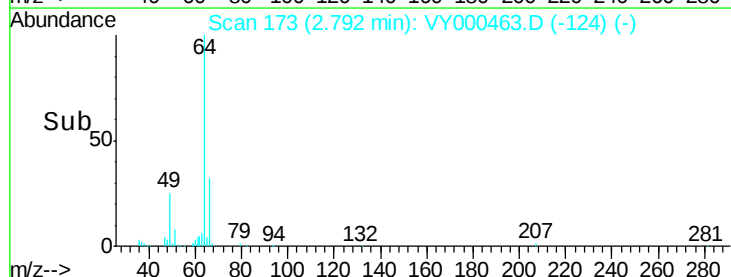
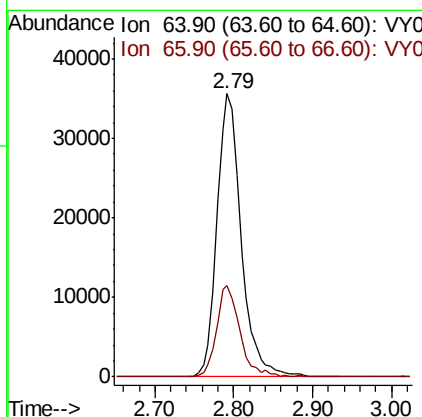
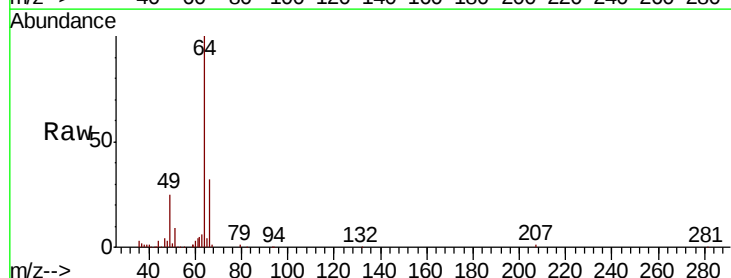
Instrument :
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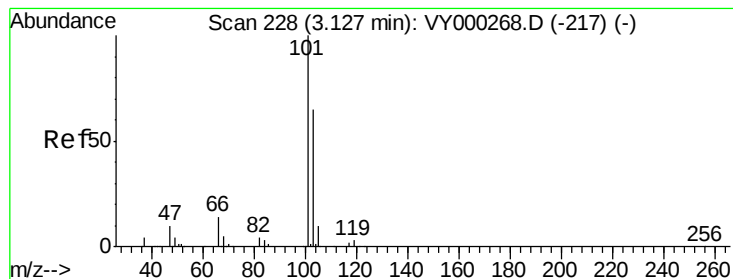
Tot Ion: 94 Resp: 67509
Ion Ratio Lower Upper
94 100
96 98.2 74.2 111.2



#6
Chloroethane
Concen: 47.279 ug/l
RT: 2.79 min Scan# 173
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 64 Resp: 76265
Ion Ratio Lower Upper
64 100
66 32.5 25.6 38.4



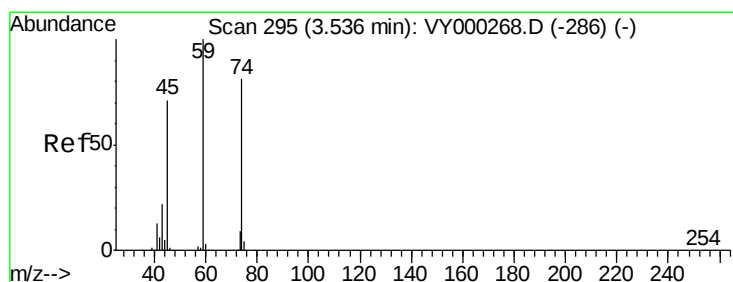
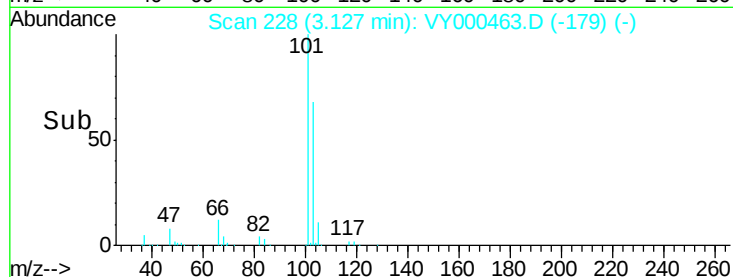
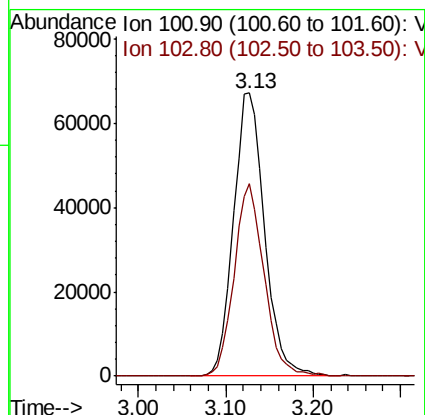
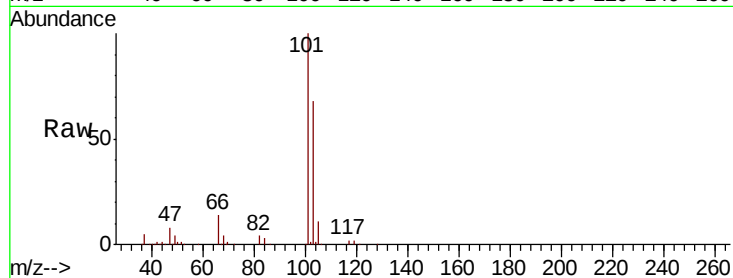


#7

Trichlorofluoromethane
Concen: 48.672 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :

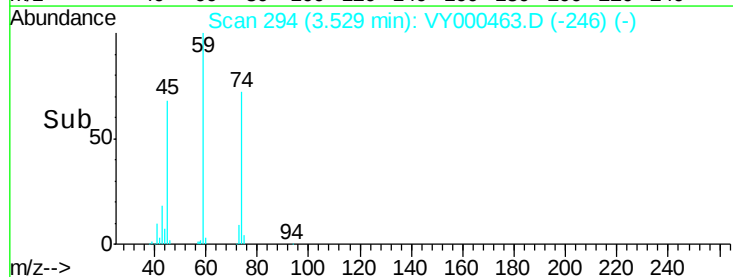
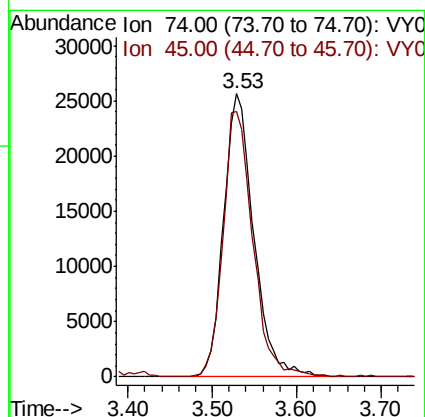
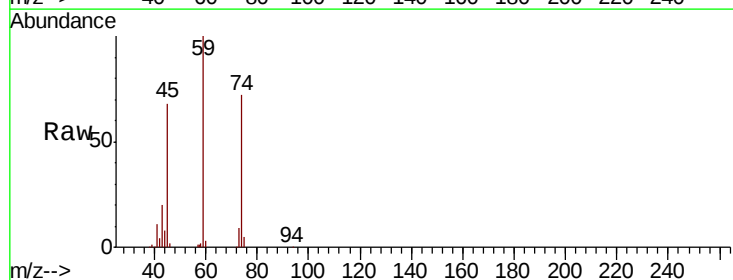
Tot Ion:101 Resp: 166445
Ion Ratio Lower Upper
101 100
103 67.8 52.2 78.4

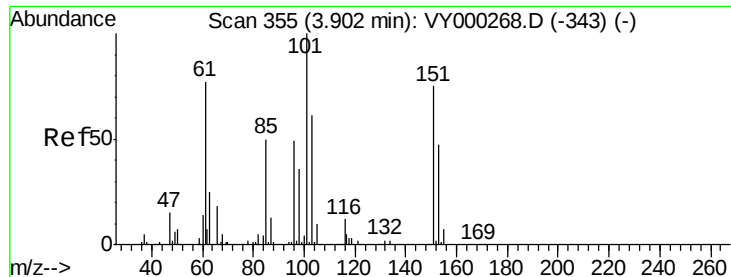


#8

Diethyl Ether
Concen: 52.000 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 74 Resp: 62821
Ion Ratio Lower Upper
74 100
45 93.2 47.1 141.4

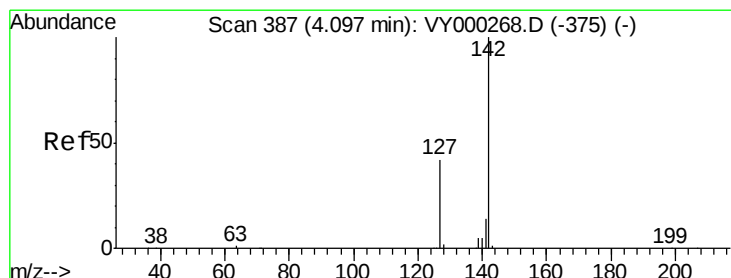
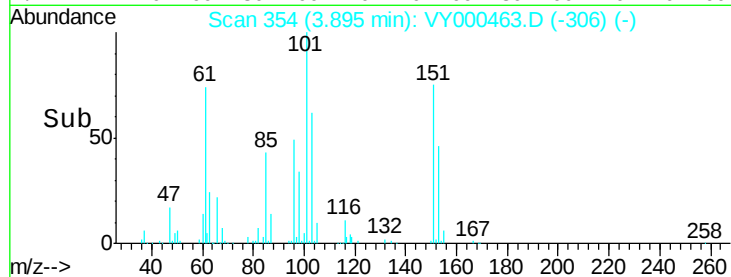
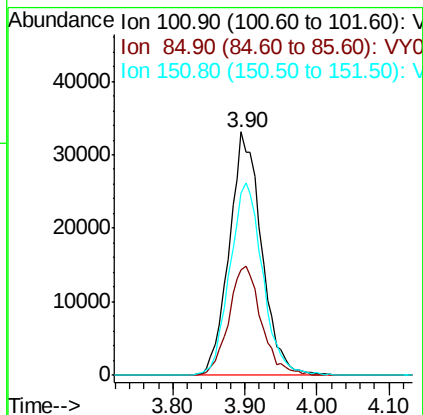
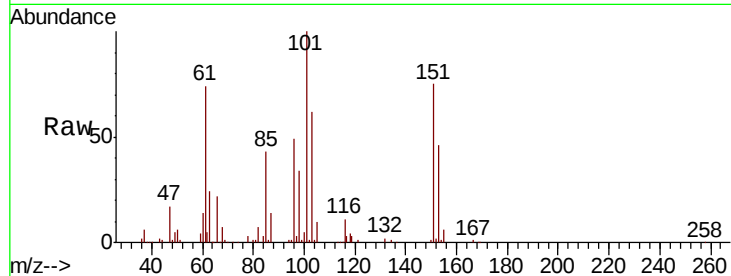




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.823 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

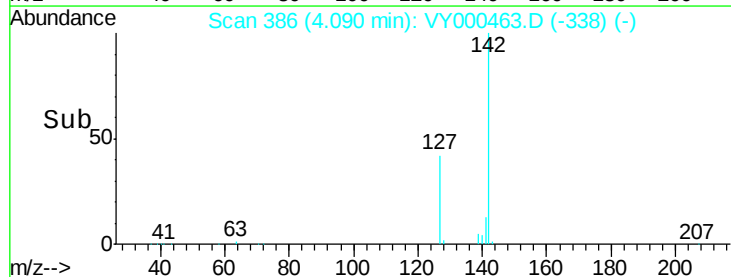
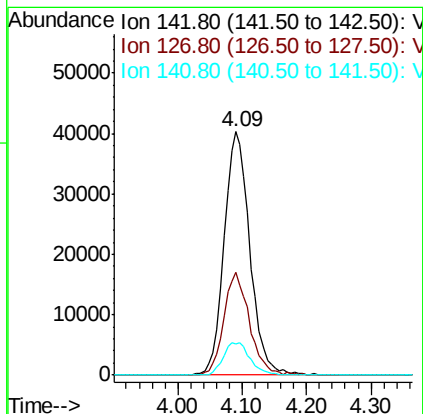
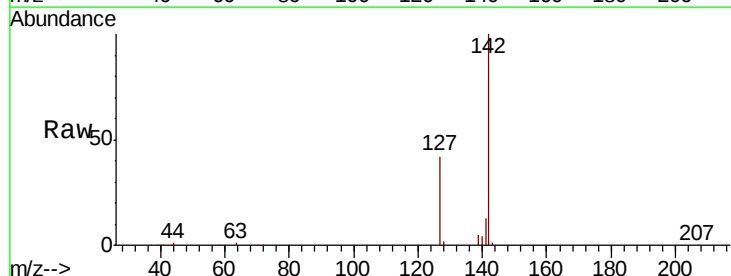
Instrument :
 MSVOA_Y
 ClientSampleId :

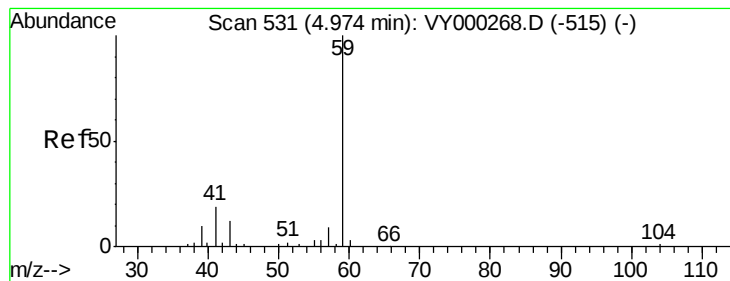
Tot Ion:101 Resp: 103329
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.6 55.0
 151 80.3 63.1 94.7



#10
 Methyl Iodide
 Concen: 38.650 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion:142 Resp: 113360
 Ion Ratio Lower Upper
 142 100
 127 41.9 33.9 50.9
 141 13.9 11.2 16.8



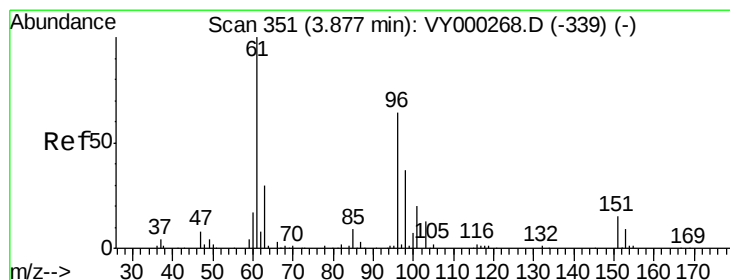
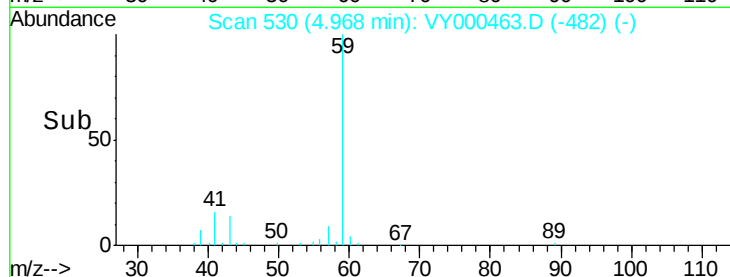
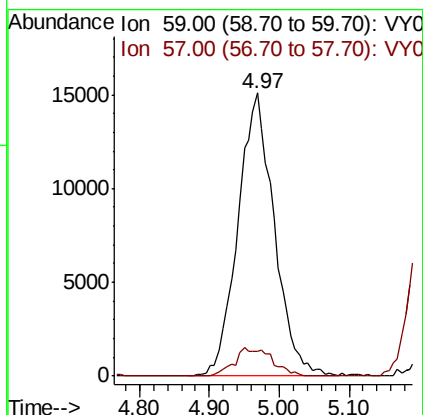
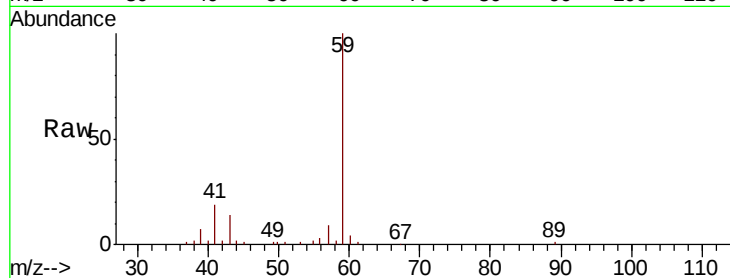


#11

Tert butyl alcohol
 Concen: 243.261 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :

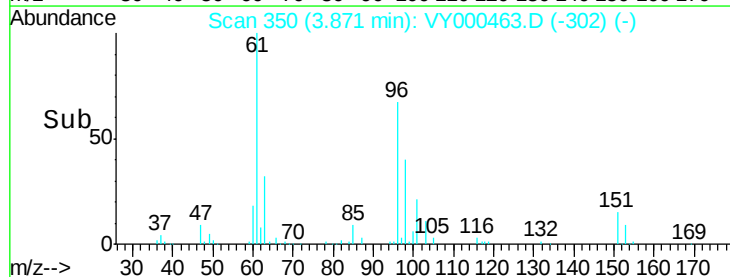
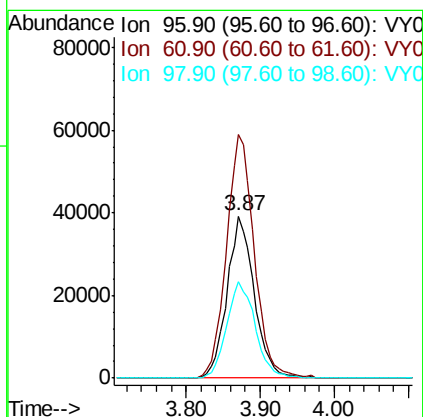
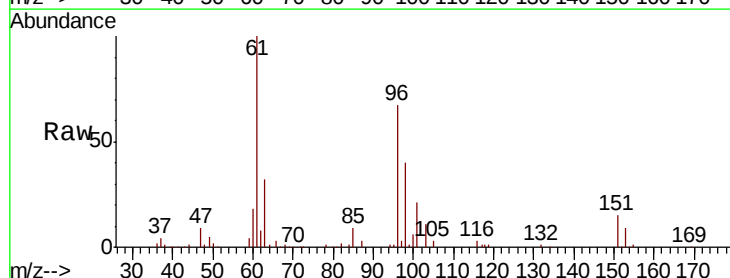
Tot Ion: 59 Resp: 54438
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

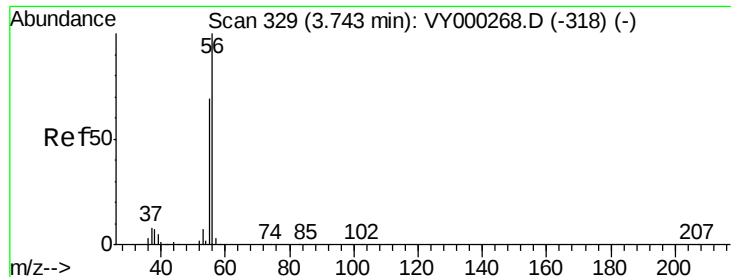


#12

1,1-Dichloroethene
 Concen: 48.929 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion: 96 Resp: 100179
 Ion Ratio Lower Upper
 96 100
 61 150.3 125.8 188.6
 98 59.5 46.2 69.2





#13

Acrolein

Concen: 183.322 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

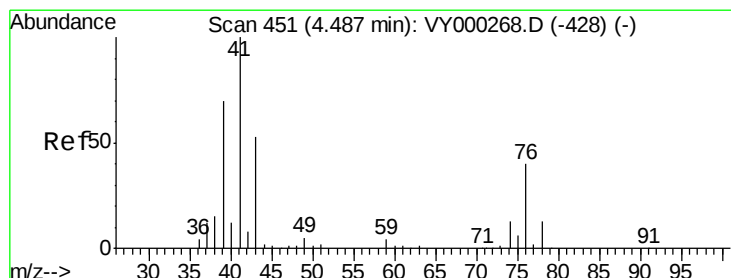
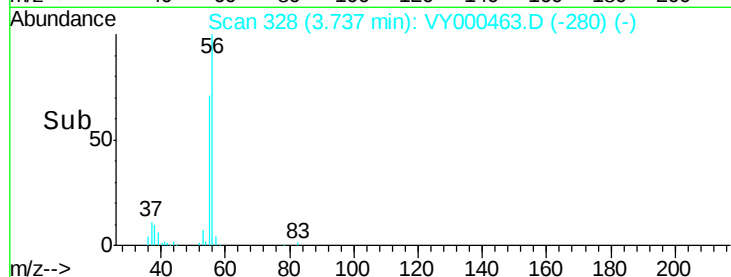
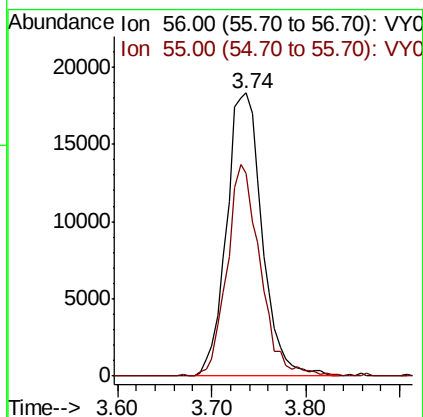
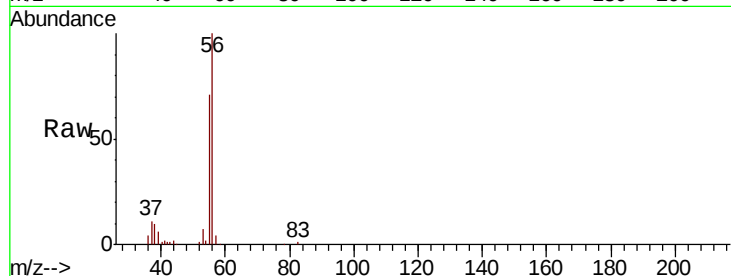
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 48097

Ion Ratio Lower Upper

56 100

55 69.5 55.7 83.5



#14

Allyl chloride

Concen: 50.792 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

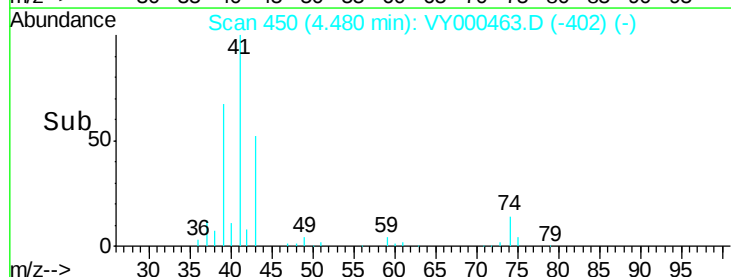
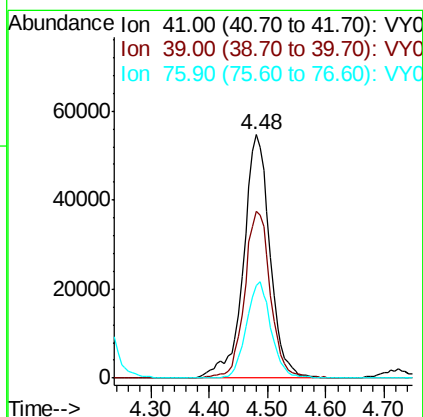
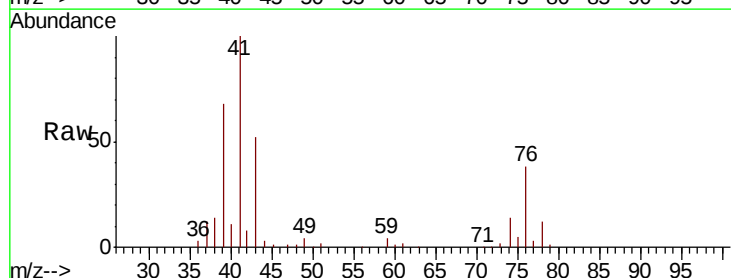
Tgt Ion: 41 Resp: 172333

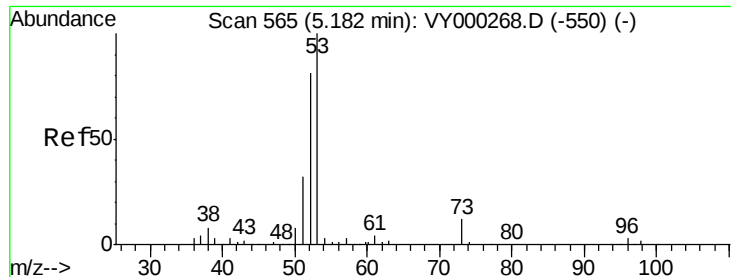
Ion Ratio Lower Upper

41 100

39 66.8 54.0 81.0

76 36.9 30.7 46.1





#15

Acrylonitrile

Concen: 258.782 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

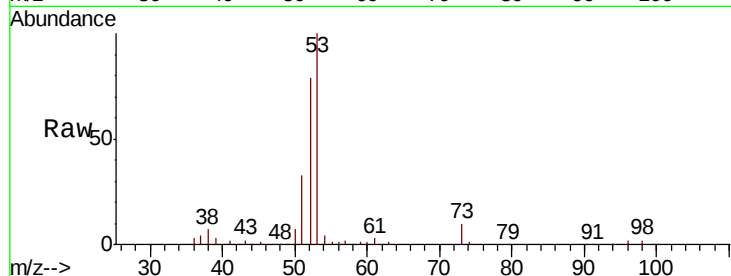
Tot Ion: 53 Resp: 174987

Ion Ratio Lower Upper

53 100

52 79.9 62.9 94.3

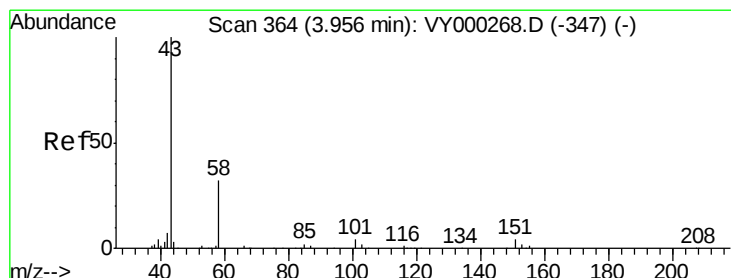
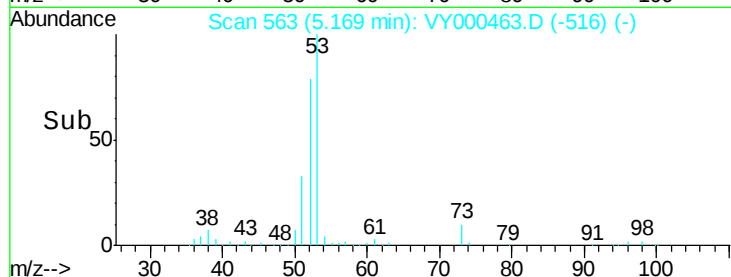
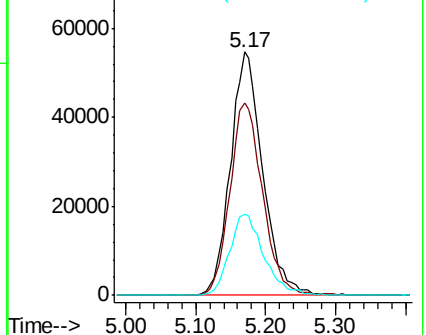
51 35.2 26.9 40.3



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: 284.271 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000463.D

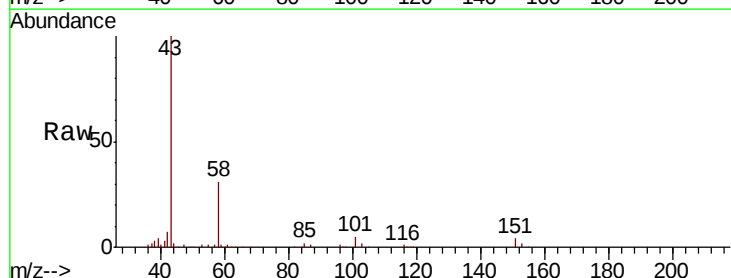
Acq: 29 Oct 2019 10:27

Tgt Ion: 43 Resp: 196858

Ion Ratio Lower Upper

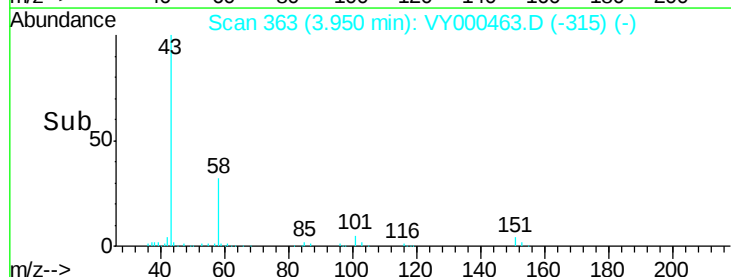
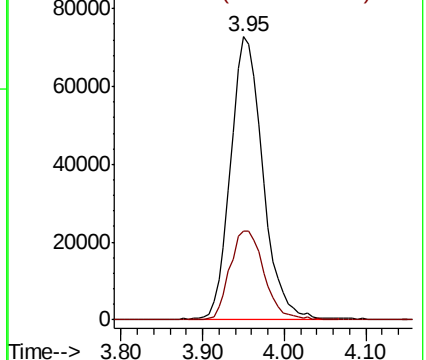
43 100

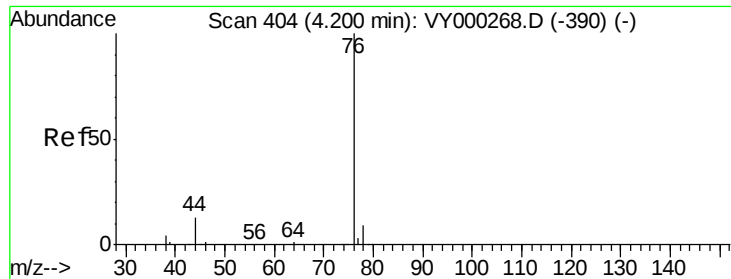
58 31.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

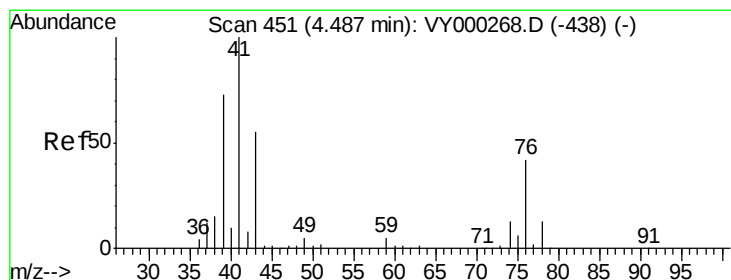
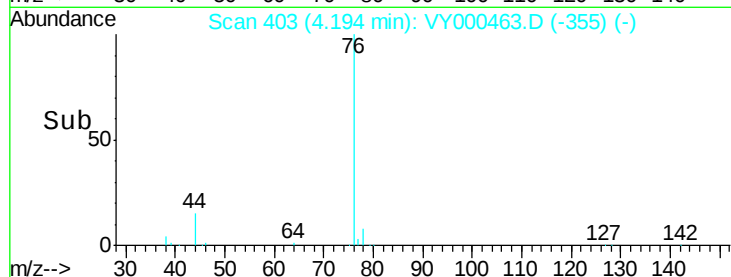
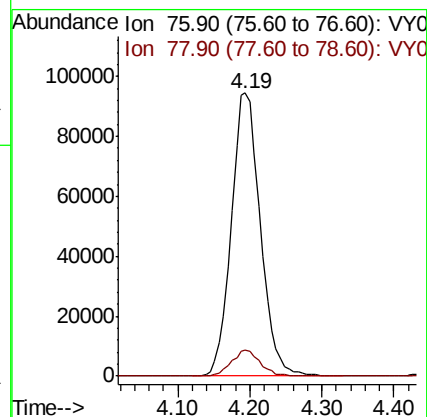
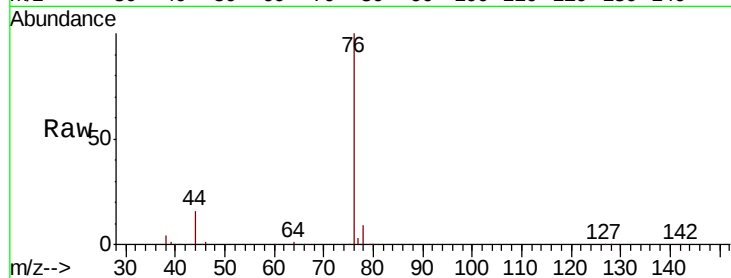




#17
Carbon Disulfide
Concen: 41.093 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

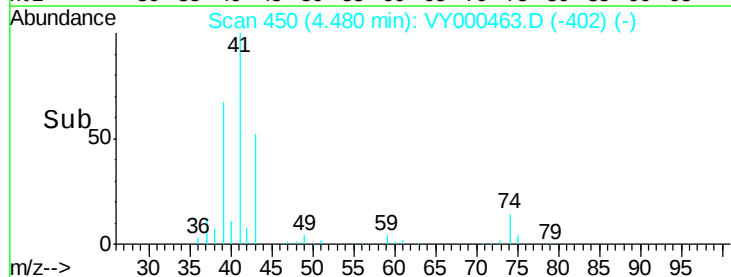
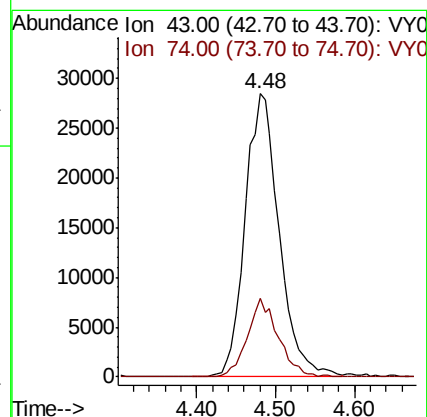
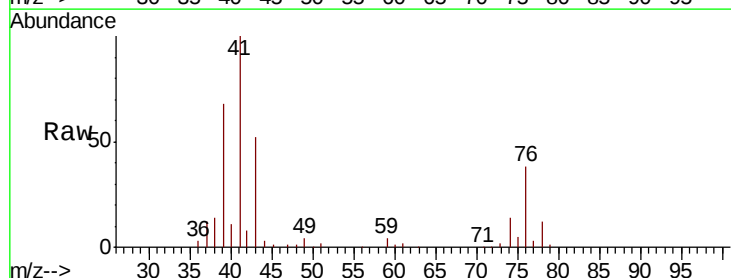
Instrument :
MSVOA_Y
ClientSampled :

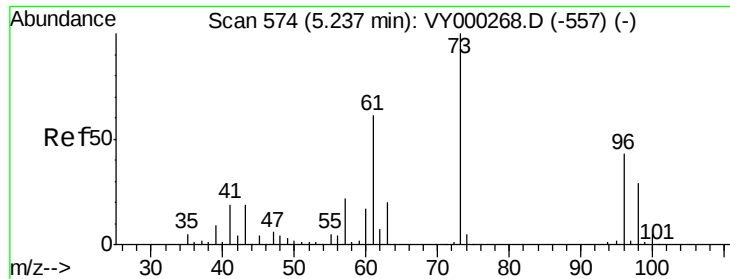
Tot Ion: 76 Resp: 264902
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 49.719 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 43 Resp: 85547
Ion Ratio Lower Upper
43 100
74 25.0 20.4 30.6

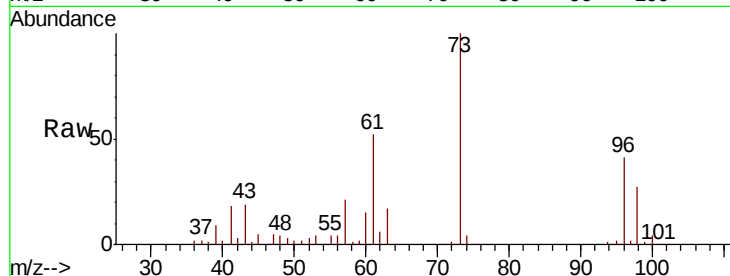




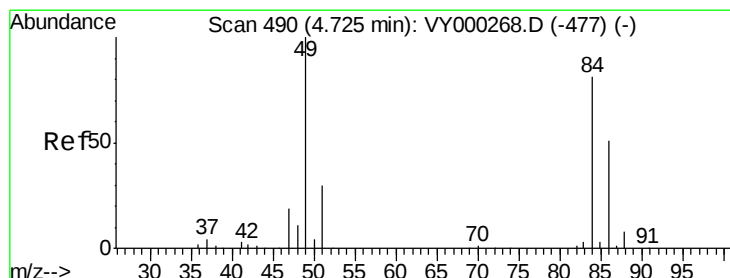
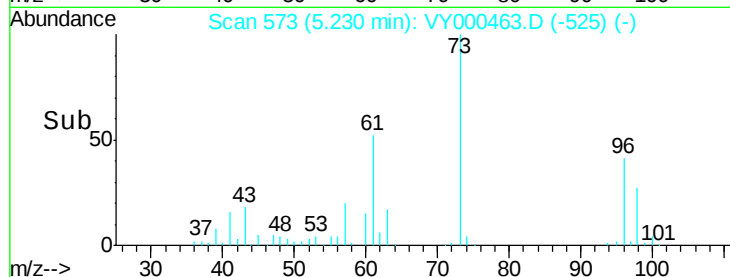
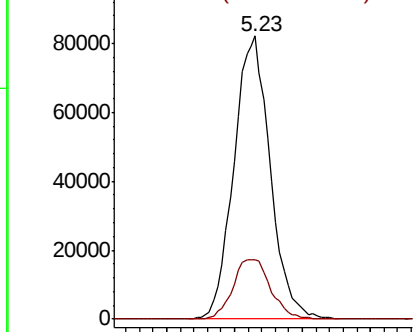
#19
Methyl tert-butyl Ether
Concen: 53.361 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 304138
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

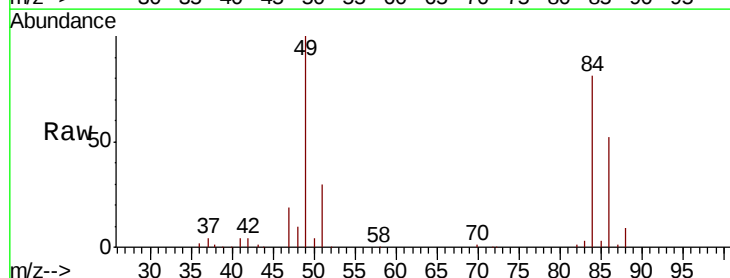


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

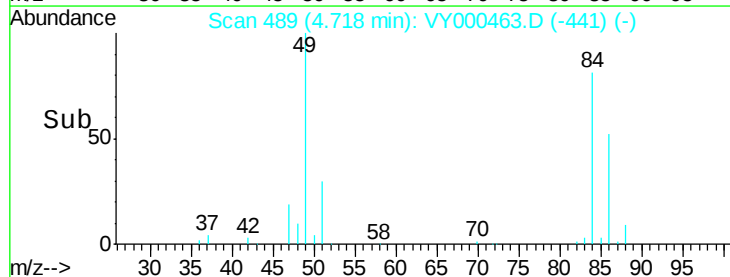
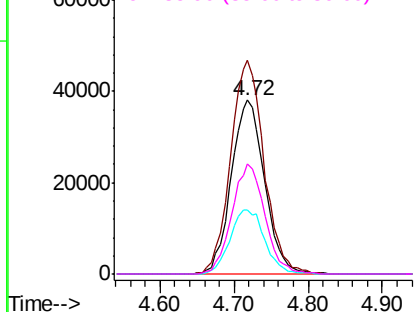


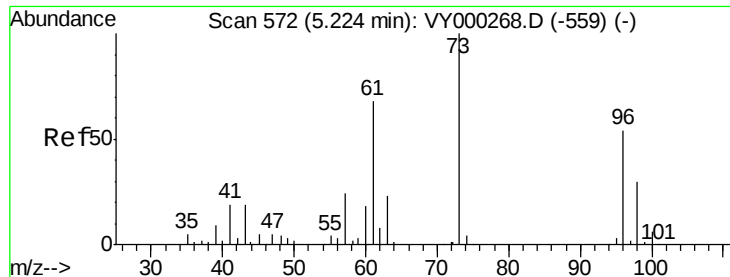
#20
Methylene Chloride
Concen: 51.355 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 84 Resp: 119482
Ion Ratio Lower Upper
84 100
49 123.0 99.0 148.4
51 36.7 29.3 43.9
86 63.5 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 48.202 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

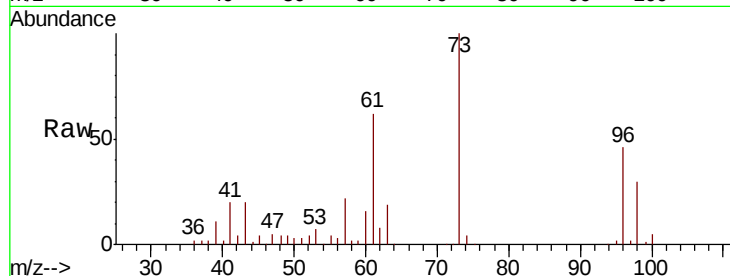
Tot Ion: 96 Resp: 113227

Ion Ratio Lower Upper

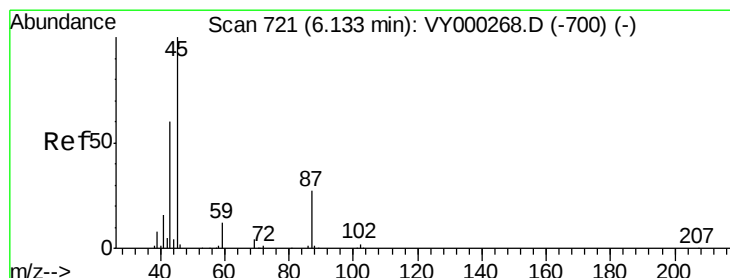
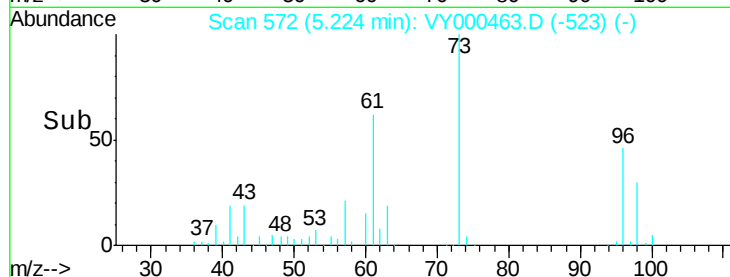
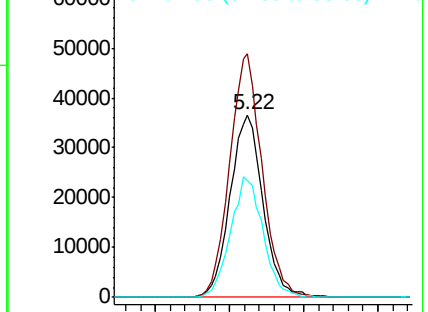
96 100

61 133.6 100.4 150.6

98 64.4 44.6 66.8



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 55.183 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion: 45 Resp: 396006

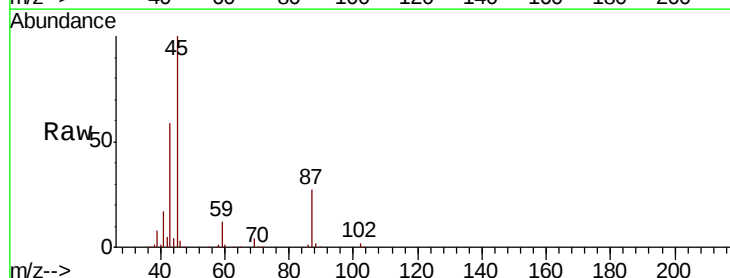
Ion Ratio Lower Upper

45 100

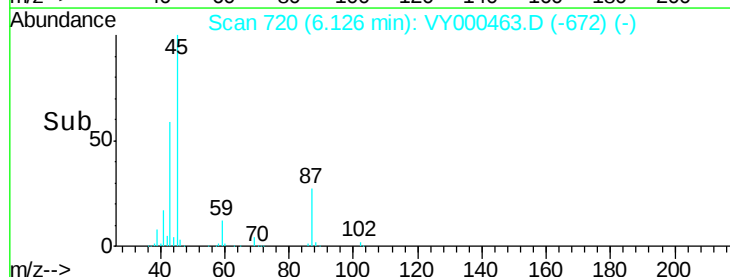
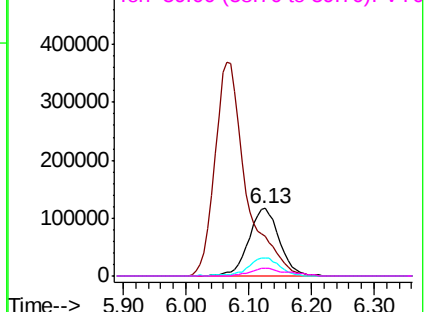
43 59.2 48.5 72.7

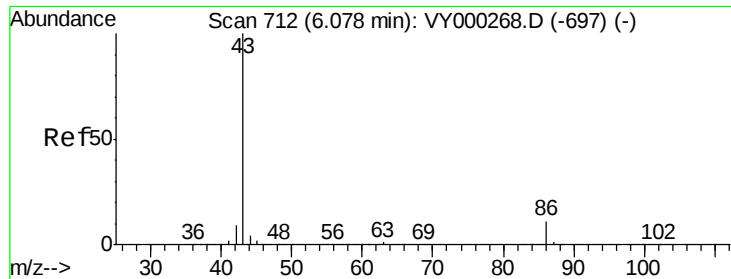
87 27.2 21.5 32.3

59 11.4 9.4 14.0



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: 270.449 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

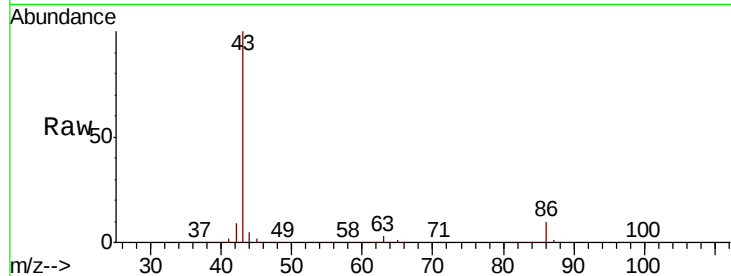
ClientSampleId :

Tot Ion: 43 Resp: 1266149

Ion Ratio Lower Upper

43 100

86 10.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

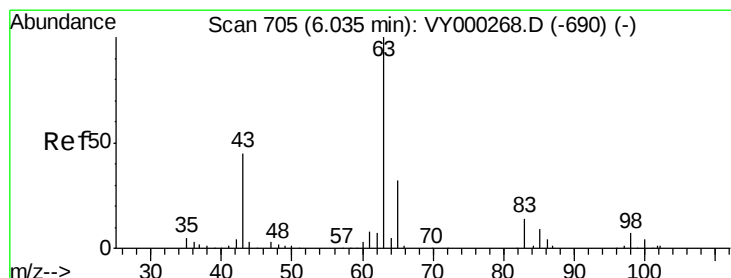
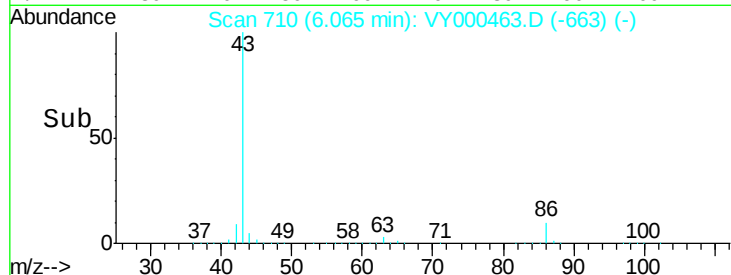
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.275 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

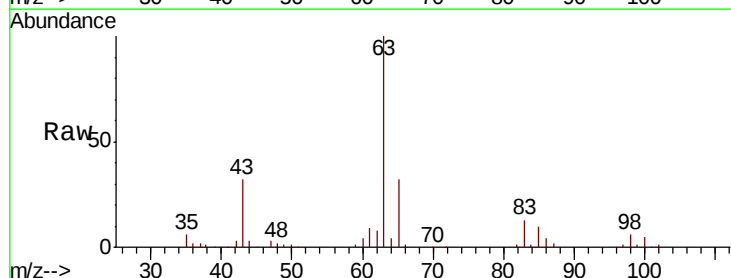
Tgt Ion: 63 Resp: 200845

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.7 2.1 6.2



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

6.02

80000

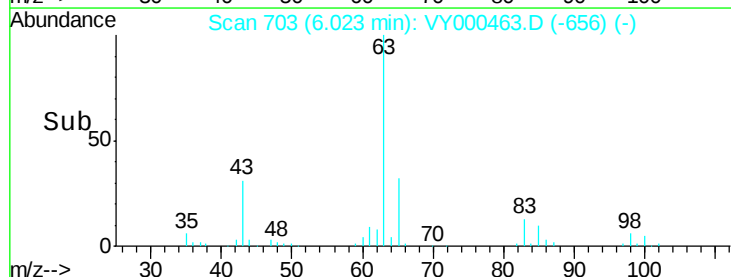
60000

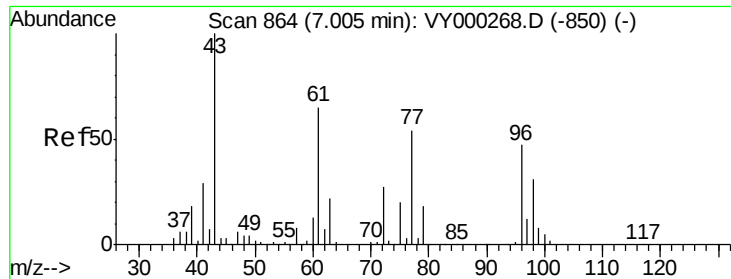
40000

20000

0

Time-->





#25

2-Butanone

Concen: 293.518 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

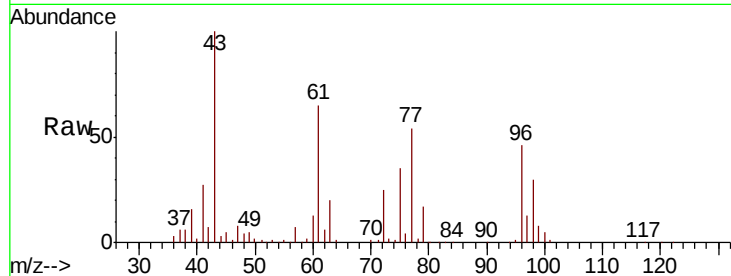
ClientSampled :

Tot Ion: 43 Resp: 286331

Ion Ratio Lower Upper

43 100

72 25.0 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

120000

100000

80000

60000

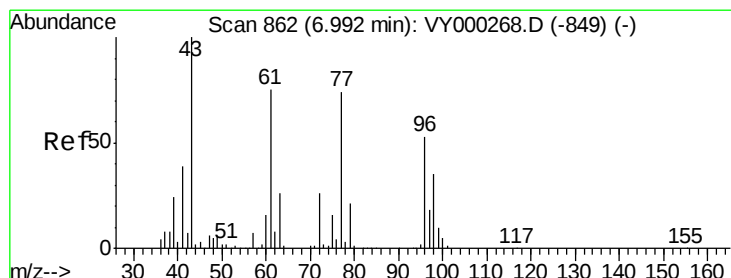
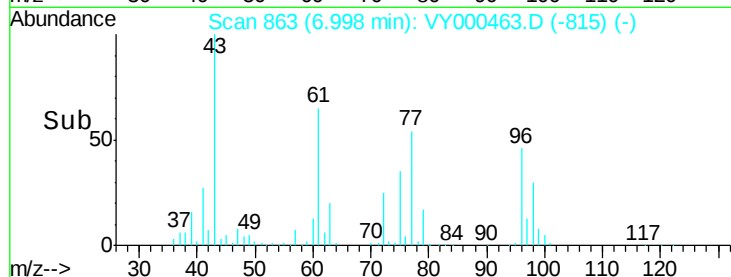
40000

20000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 52.774 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000463.D

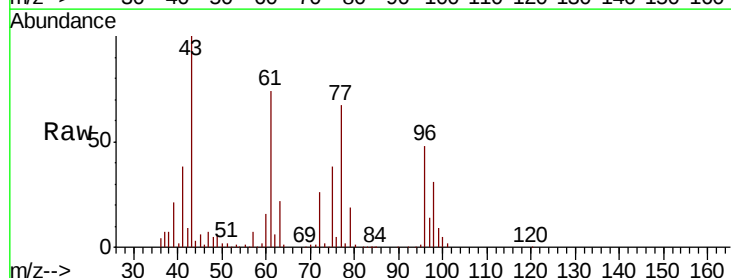
Acq: 29 Oct 2019 10:27

Tgt Ion: 77 Resp: 190481

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

60000

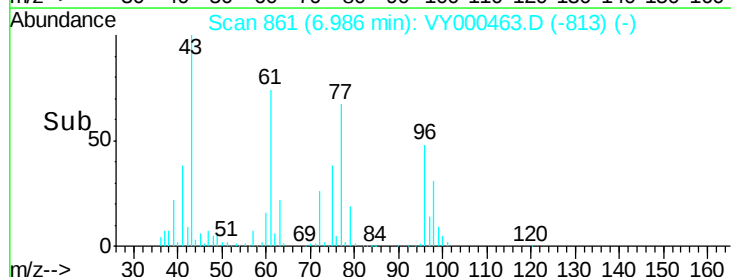
40000

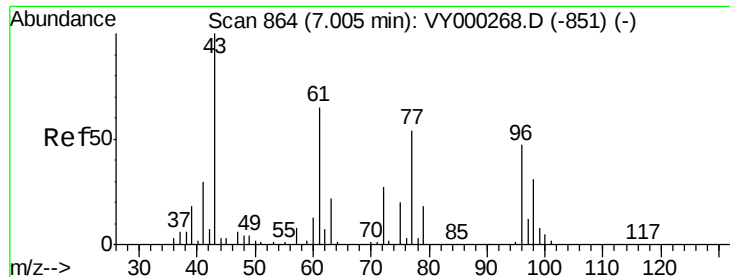
20000

0

6.90 7.00 7.10

Time-->



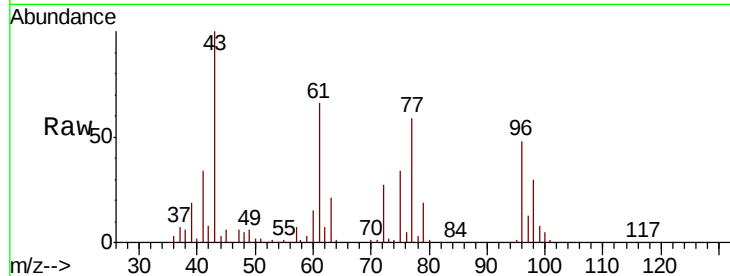


#27

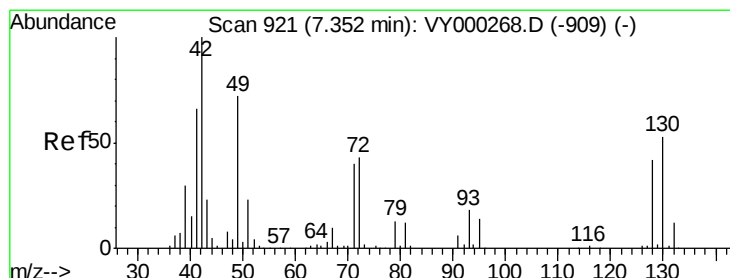
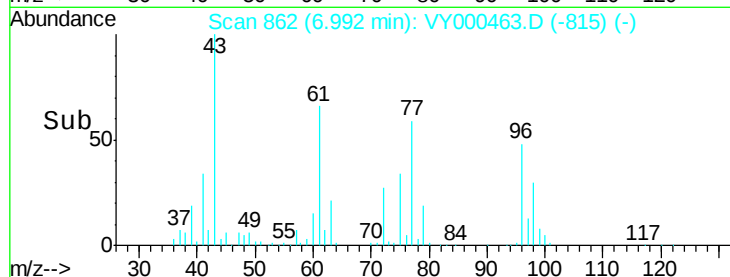
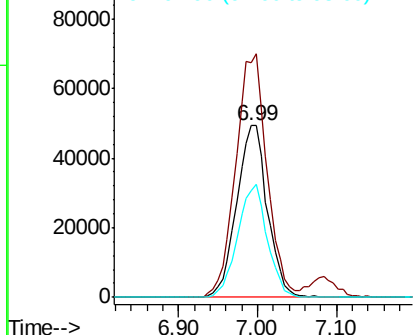
cis-1,2-Dichloroethene
Concen: 52.574 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 133634
Ion Ratio Lower Upper
96 100
61 144.5 0.0 289.8
98 63.6 0.0 131.8



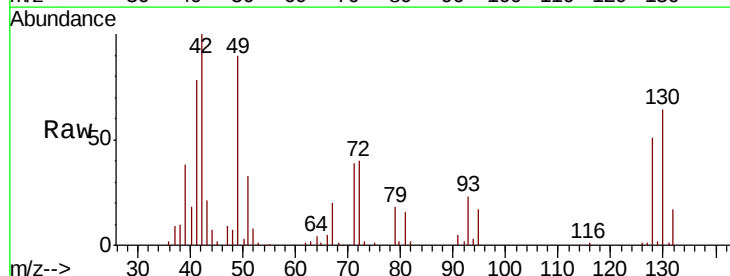
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



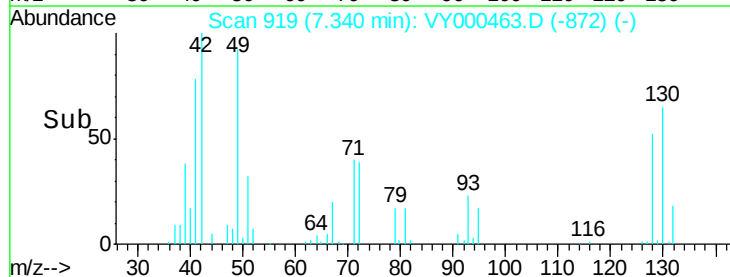
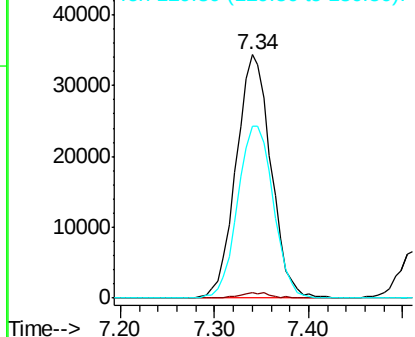
#28

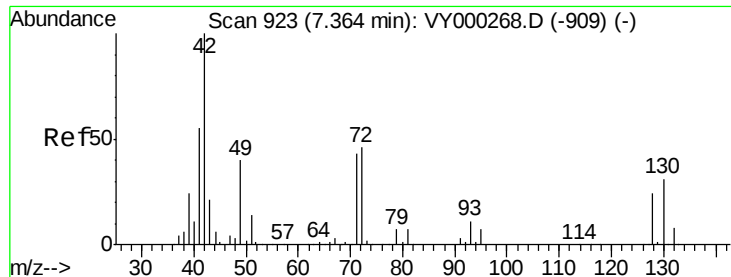
Bromochloromethane
Concen: 52.456 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 49 Resp: 88206
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 72.7 58.2 87.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 262.546 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

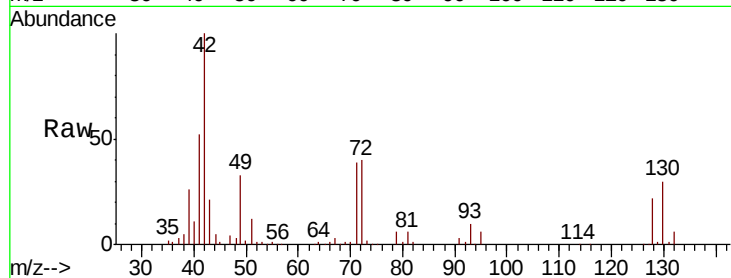
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 42 Resp: 155217

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.5	51.7
71	40.1	32.7	49.1

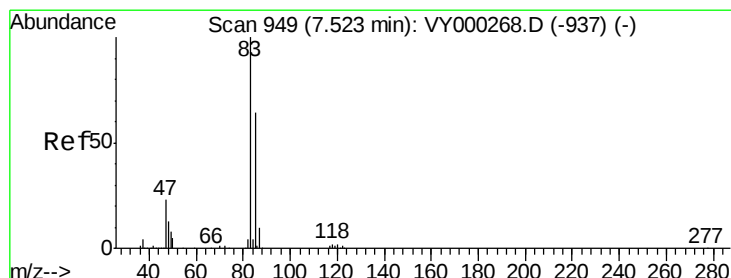
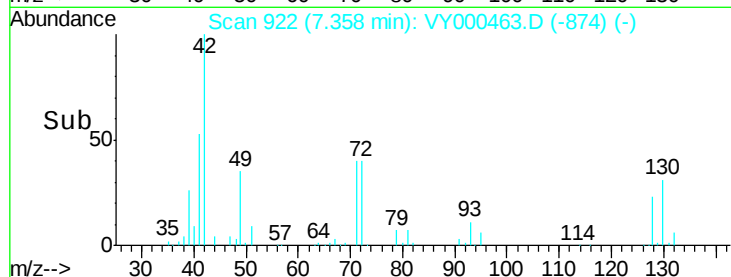
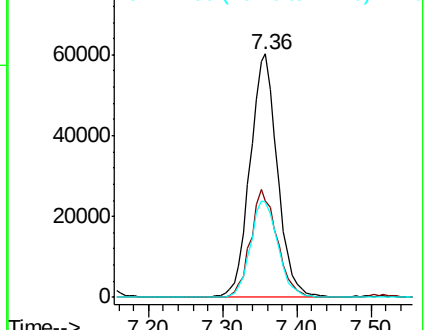


Abundance

Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 53.926 ug/l

RT: 7.52 min Scan# 948

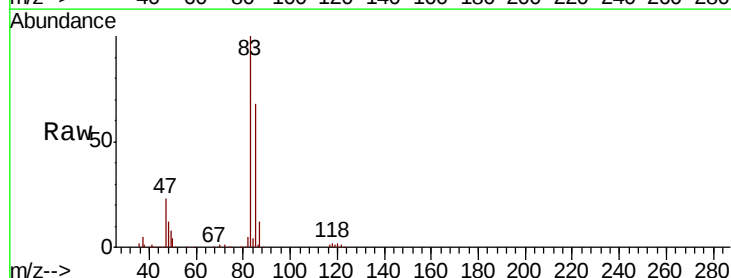
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion: 83 Resp: 212722

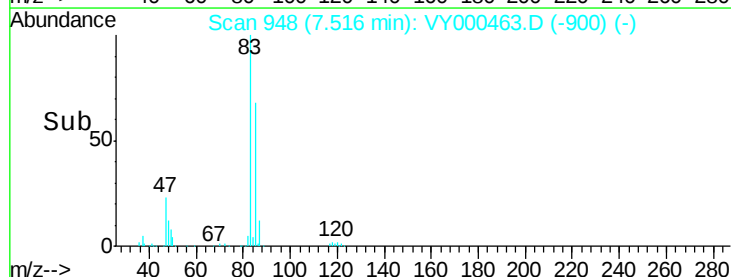
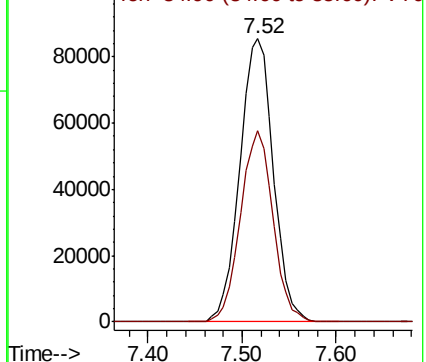
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.4	77.2

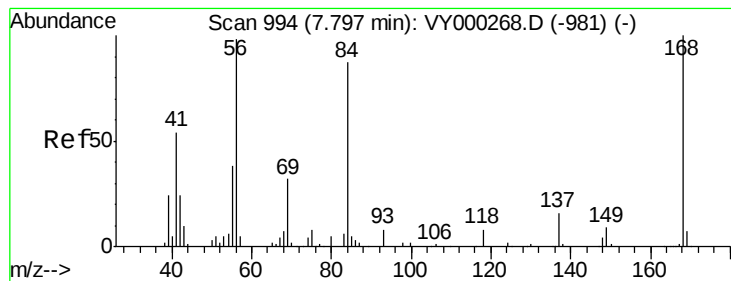


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.639 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :

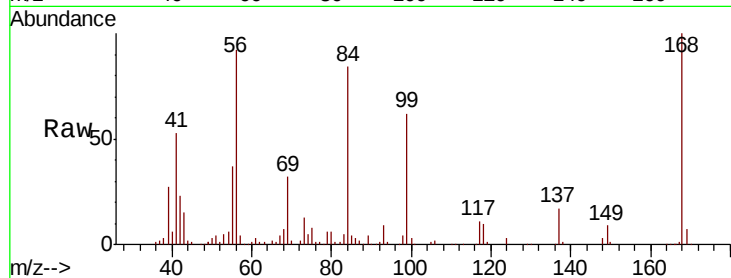
Tot Ion: 56 Resp: 186716

Ion Ratio Lower Upper

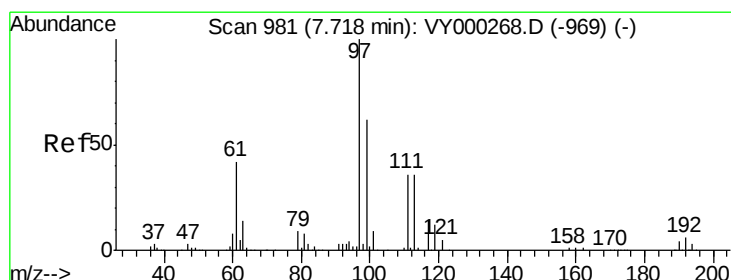
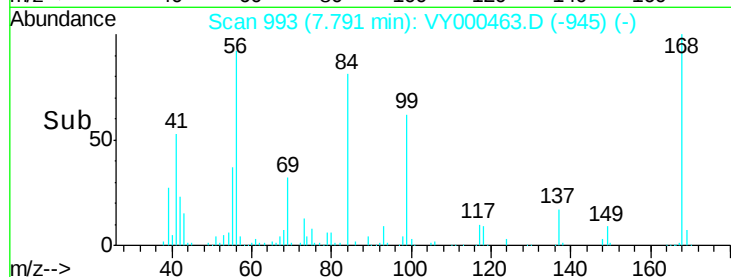
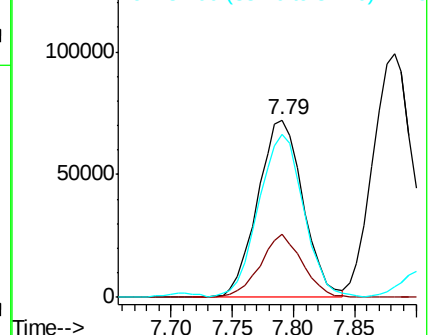
56 100

69 35.3 26.3 39.5

84 90.7 70.8 106.2



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: 53.747 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

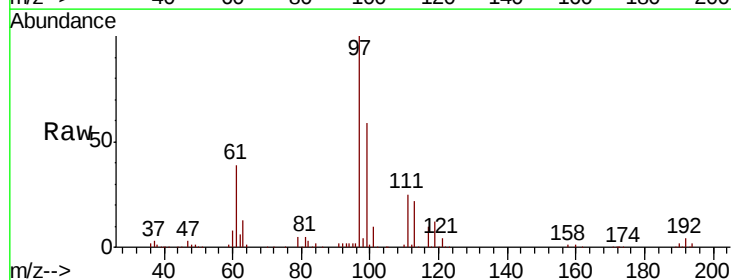
Tgt Ion: 97 Resp: 188492

Ion Ratio Lower Upper

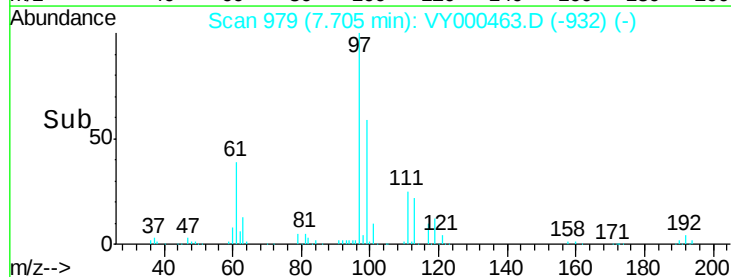
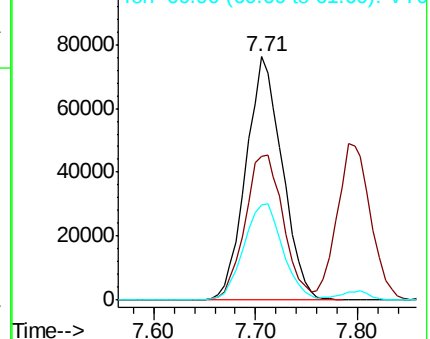
97 100

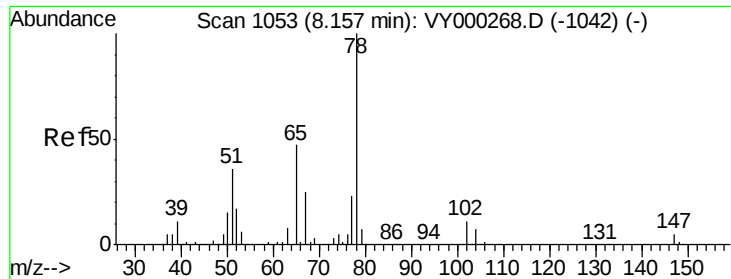
99 63.2 51.7 77.5

61 42.4 34.5 51.7



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

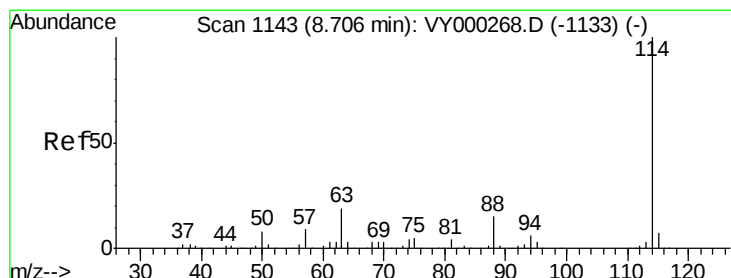
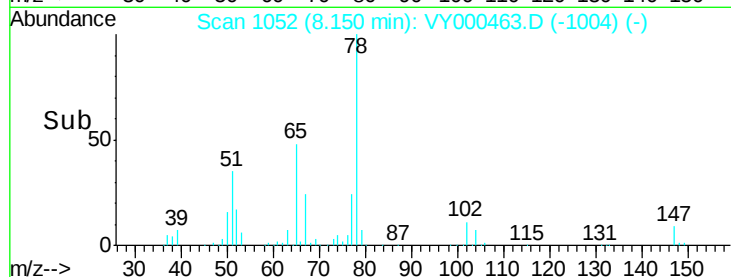
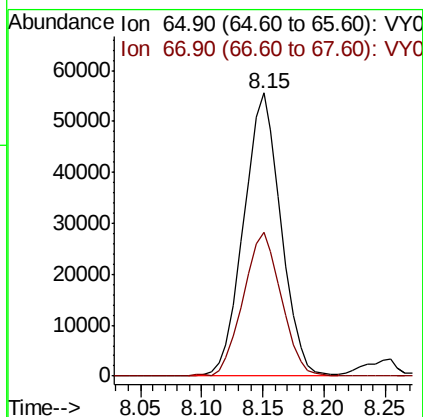
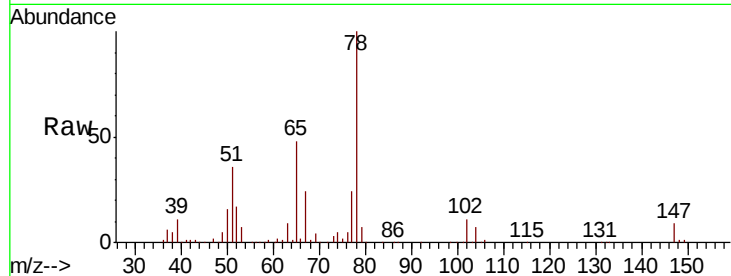




#33
 1,2-Dichloroethane-d4
 Concen: 55.022 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

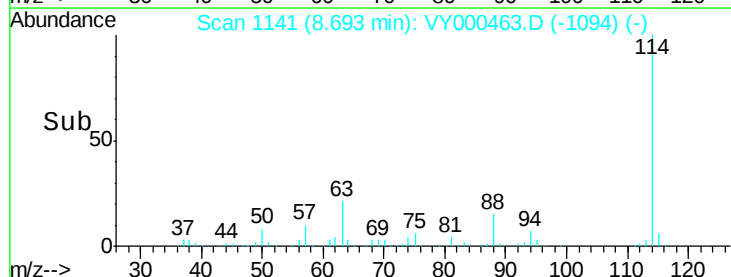
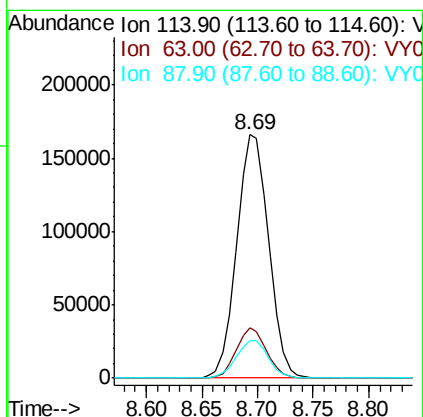
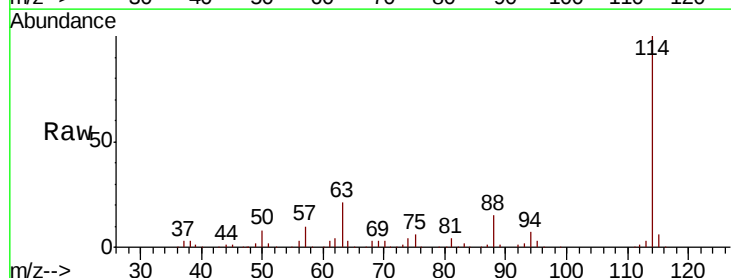
Instrument :
 MSVOA_Y
 ClientSampleId :

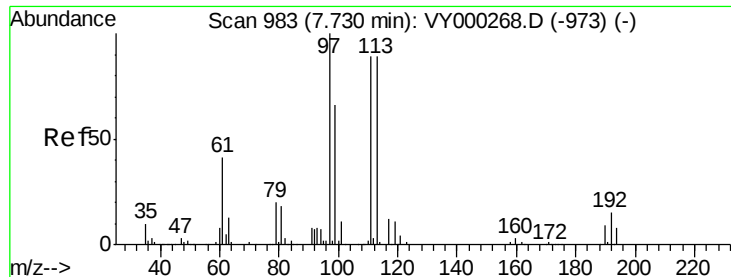
Tot Ion: 65 Resp: 117658
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion:114 Resp: 330636
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.2
 88 15.2 0.0 30.2

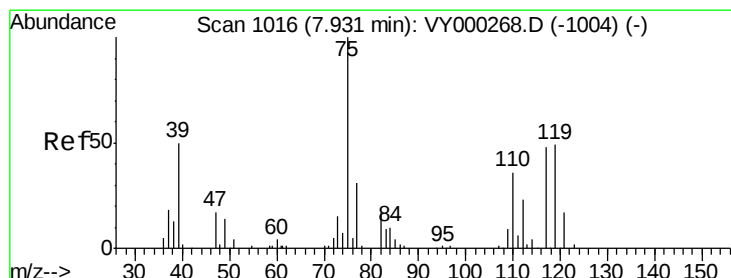
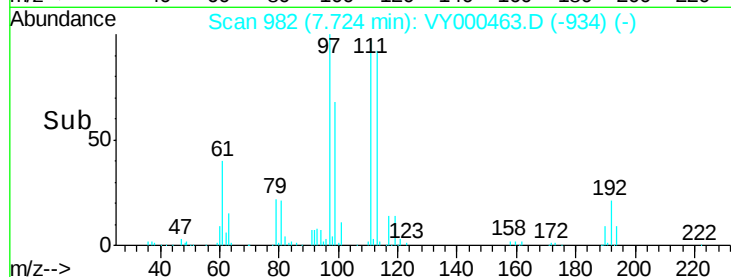
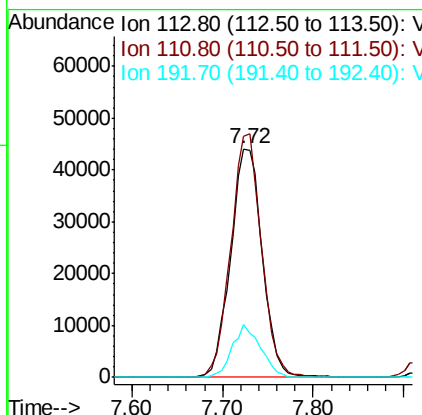
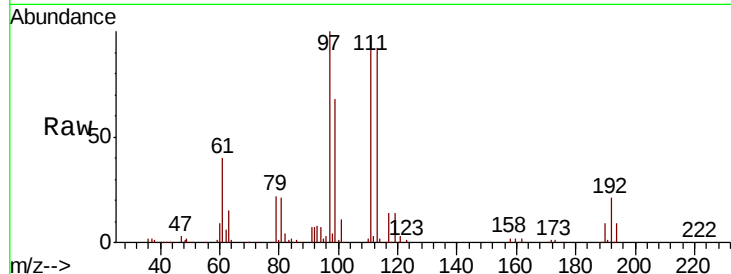




#35
 Dibromofluoromethane
 Concen: 53.396 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

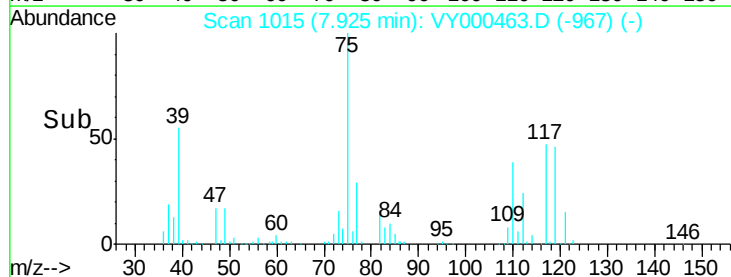
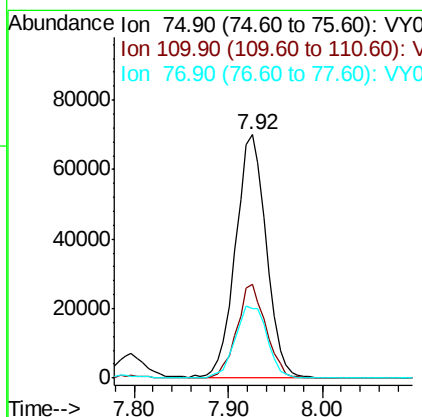
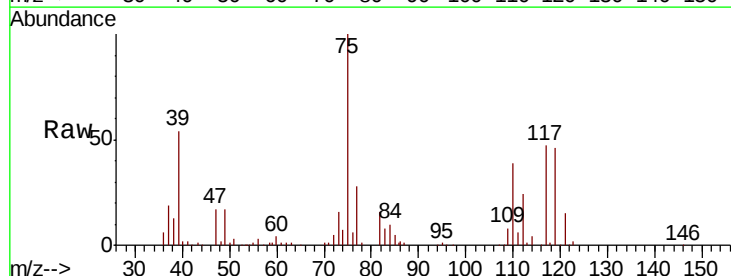
Instrument :
 MSVOA_Y
 ClientSampleId :

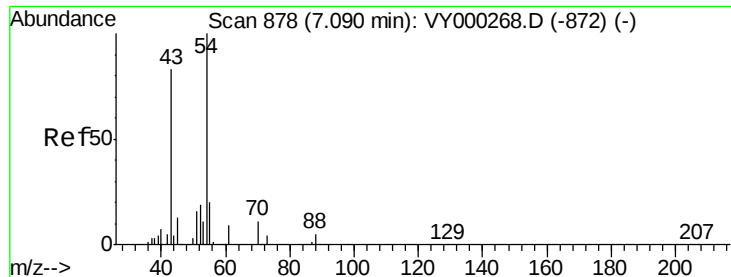
Tot Ion:113 Resp: 106495
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 20.5 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 49.322 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion: 75 Resp: 159662
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.4 55.4
 77 31.0 25.0 37.6

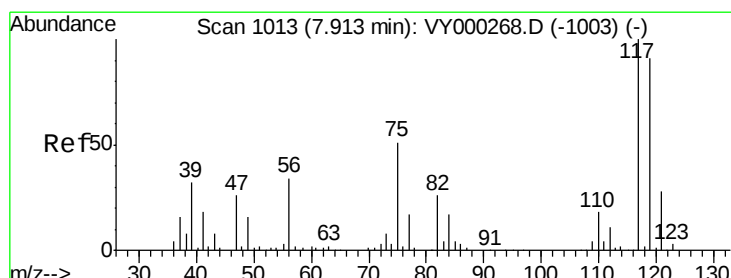
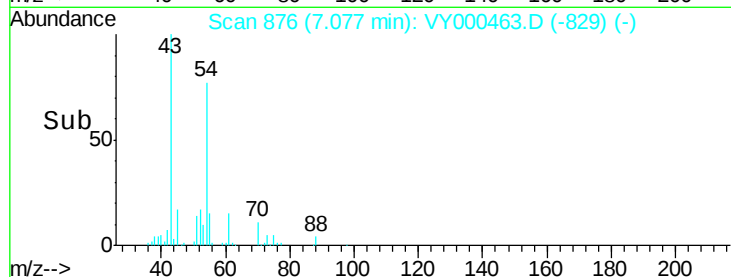
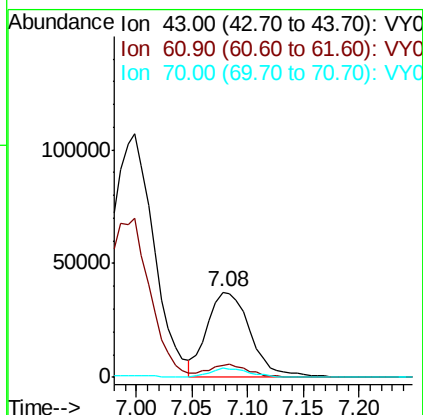
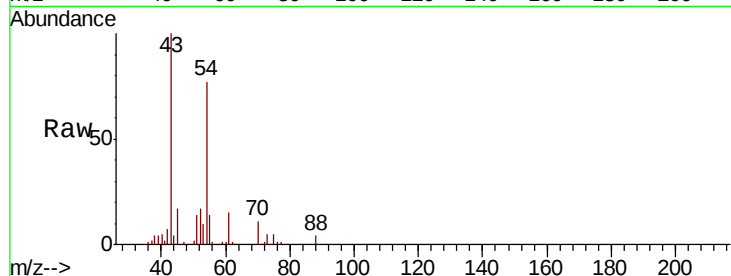




#37
Ethyl Acetate
Concen: 52.599 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

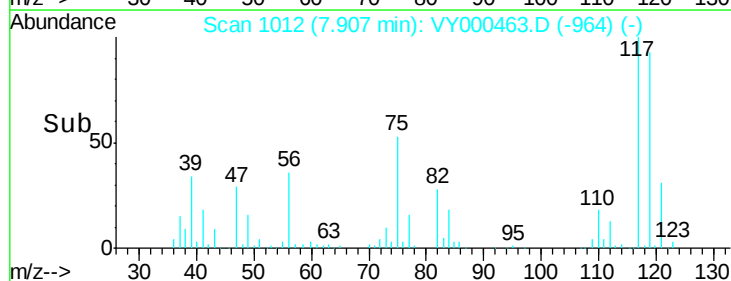
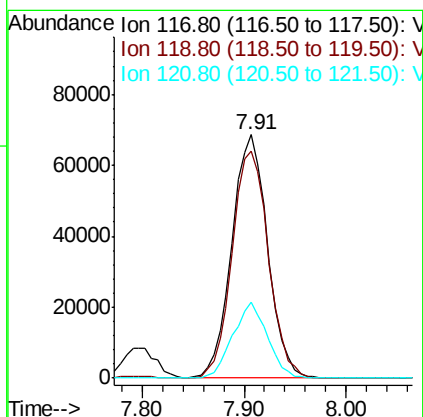
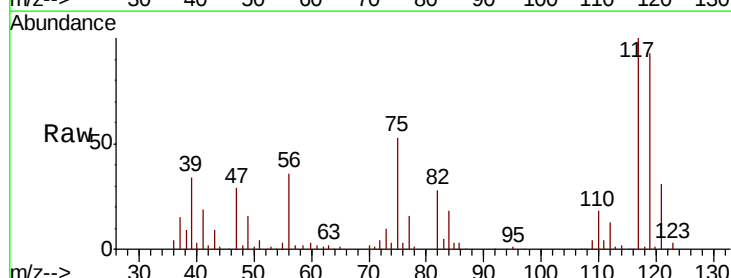
Instrument :
MSVOA_Y
ClientSampled :

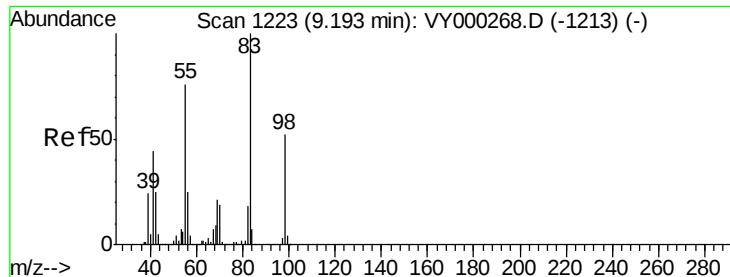
Tot Ion: 43 Resp: 100821
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 9.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.244 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 117 Resp: 166884
Ion Ratio Lower Upper
117 100
119 93.1 72.8 109.2
121 31.1 22.2 33.2

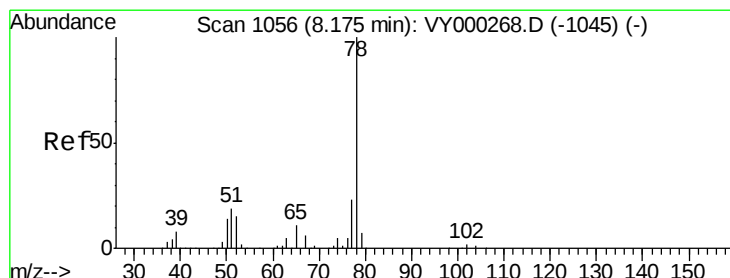
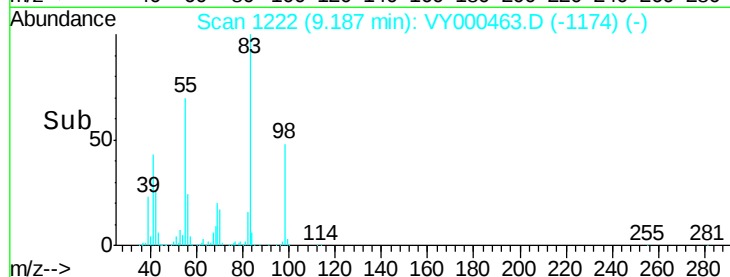
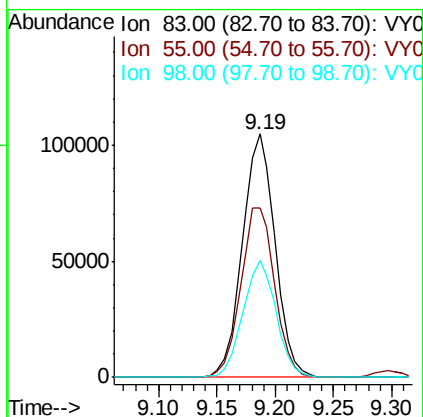
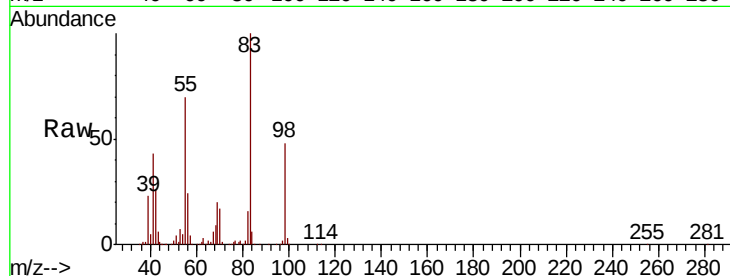




#39
Methvlcvclohexane
Concen: 48.489 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

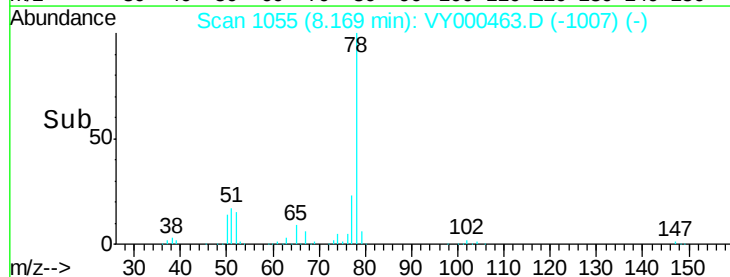
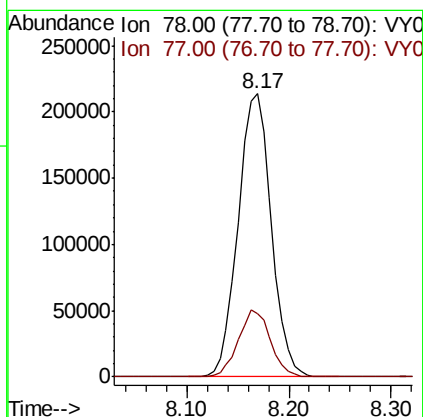
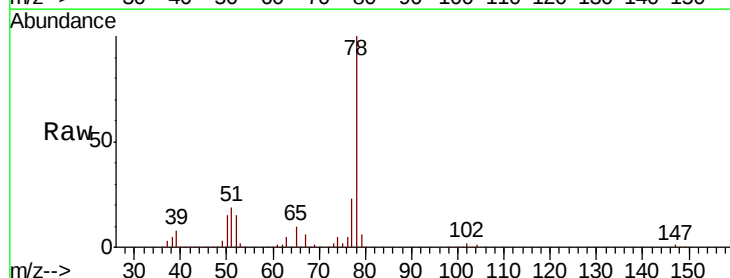
Instrument :
MSVOA_Y
ClientSampleId :

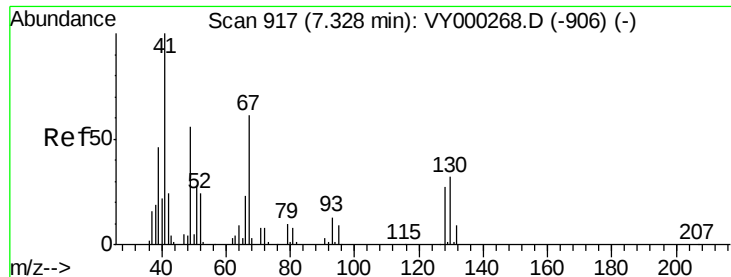
Tot Ion	83	Resp	205438
Ion	Ratio	Lower	Upper
83	100		
55	69.8	60.9	91.3
98	48.2	41.8	62.6



#40
Benzene
Concen: 51.503 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	78	Resp	481808
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2

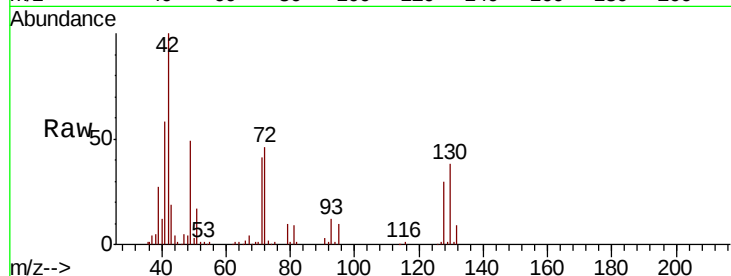




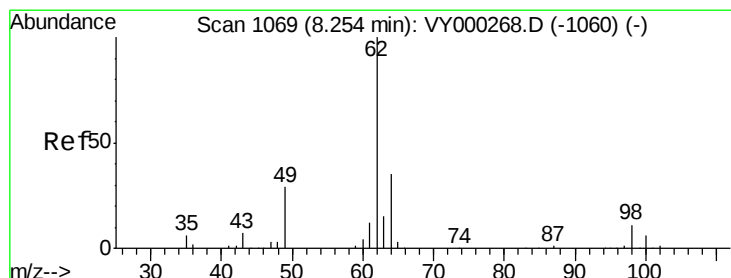
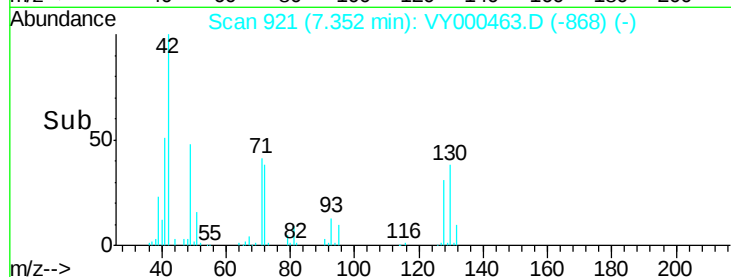
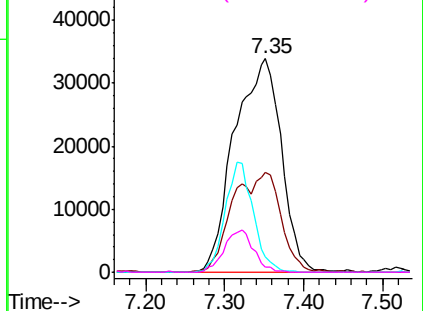
#41
Methacrylonitrile
Concen: 153.530 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 140079
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

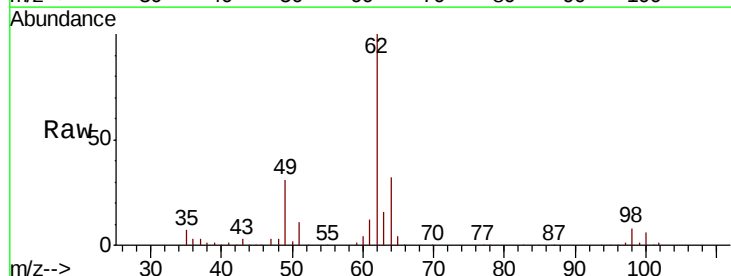


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

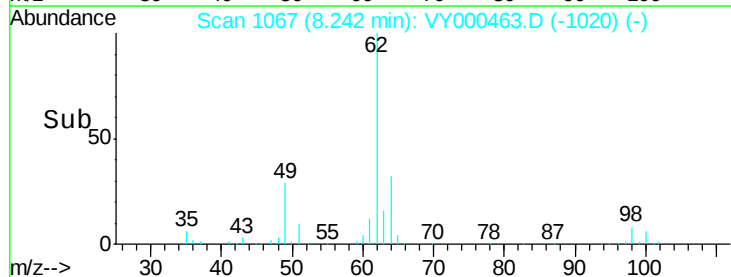
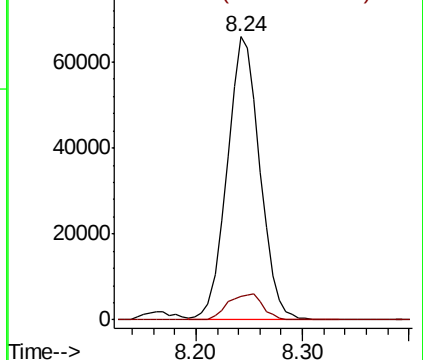


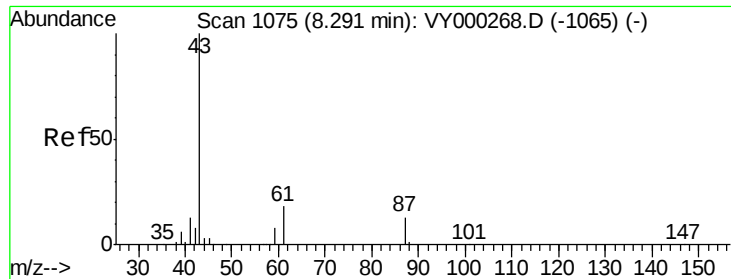
#42
1,2-Dichloroethane
Concen: 53.004 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 62 Resp: 141639
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 55.437 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

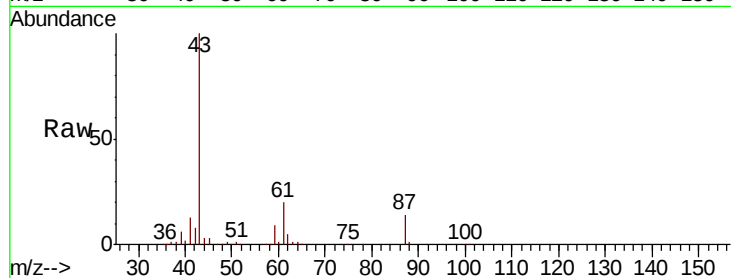
Tot Ion: 43 Resp: 202046

Ion Ratio Lower Upper

43 100

61 27.8 22.3 33.5

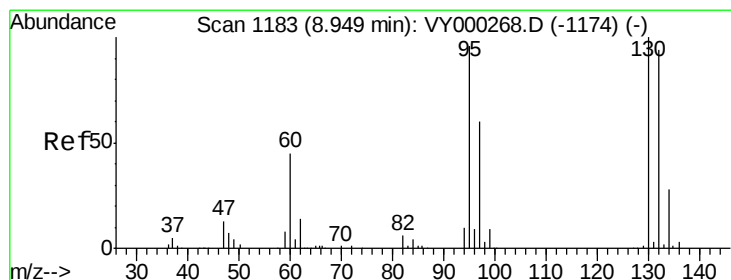
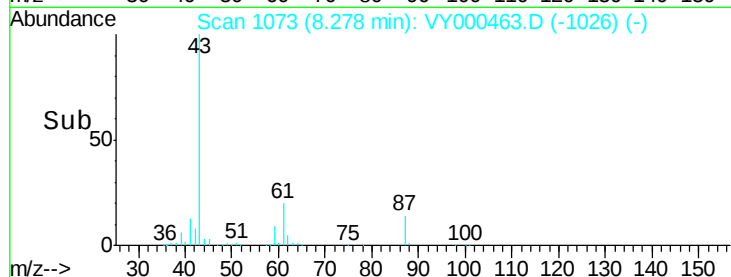
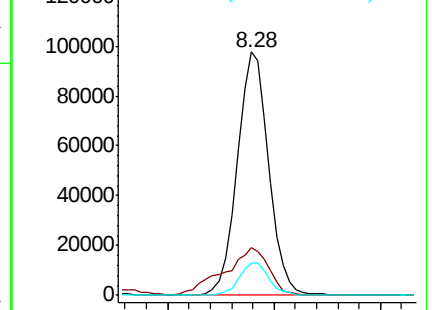
87 12.8 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000463.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY000463.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY000463.D (-1073) (-)



#44

Trichloroethene

Concen: 49.579 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000463.D

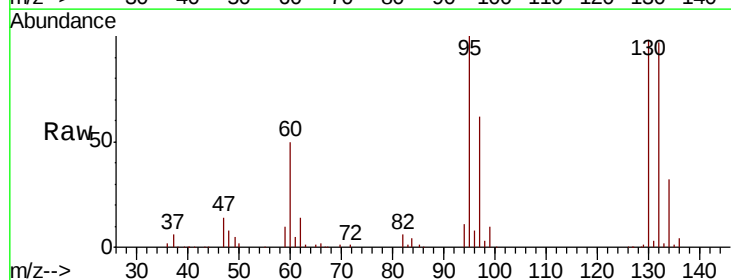
Acq: 29 Oct 2019 10:27

Tgt Ion:130 Resp: 130138

Ion Ratio Lower Upper

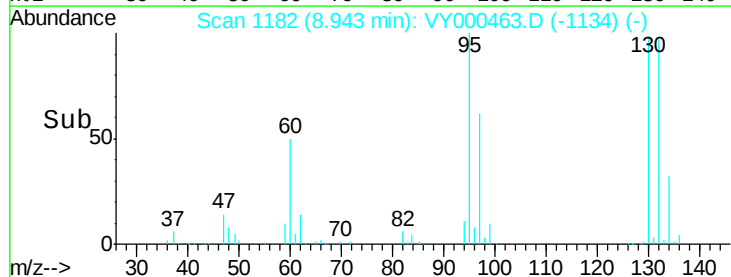
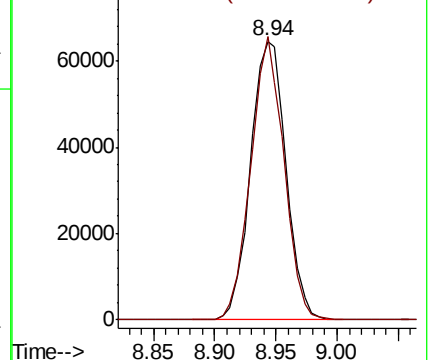
130 100

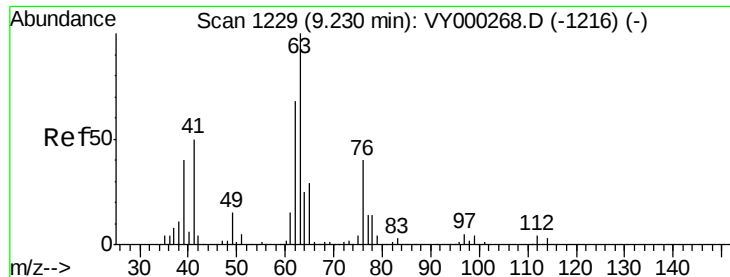
95 101.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000463.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY000463.D (-1182) (-)

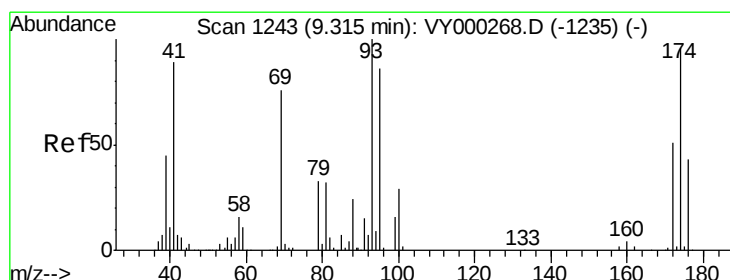
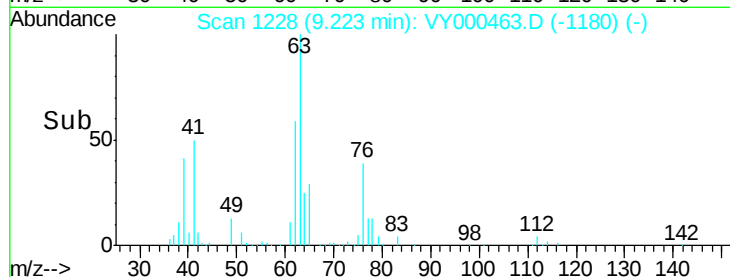
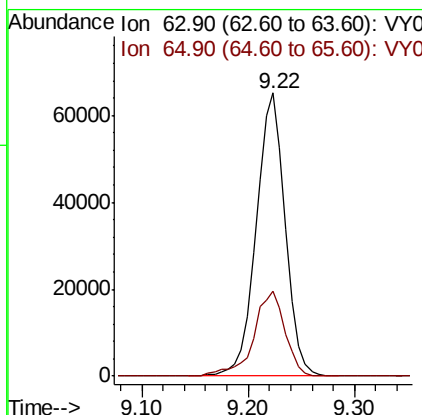
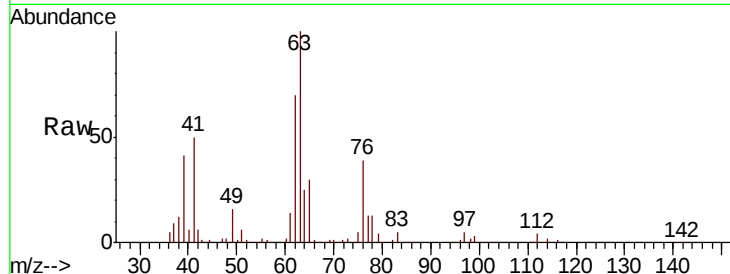




#45
 1,2-Dichloropropane
 Concen: 53.932 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

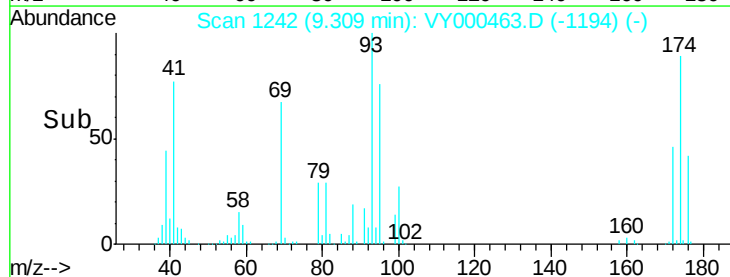
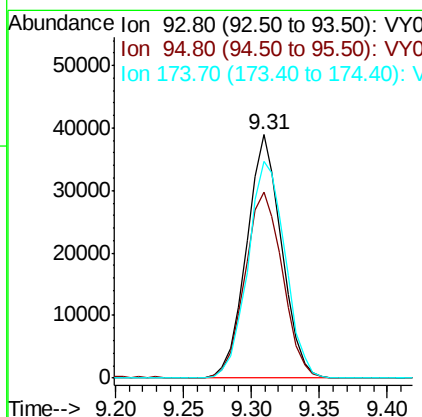
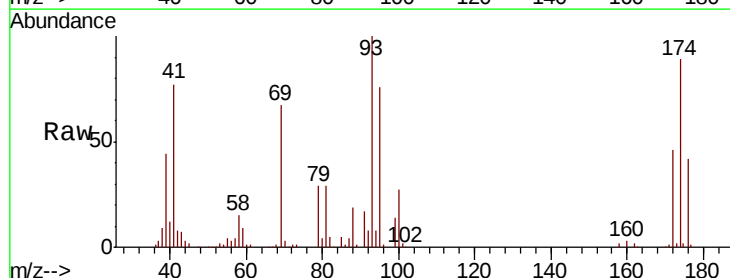
Instrument :
 MSVOA_Y
 ClientSampleId :

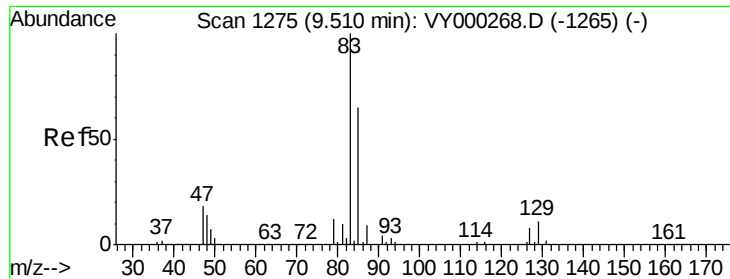
Tot Ion: 63 Resp: 123815
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.2 34.8



#46
 Dibromomethane
 Concen: 54.579 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion: 93 Resp: 70044
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.2 102.2
 174 94.6 79.8 119.6





#47

Bromodichloromethane

Concen: 55.840 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

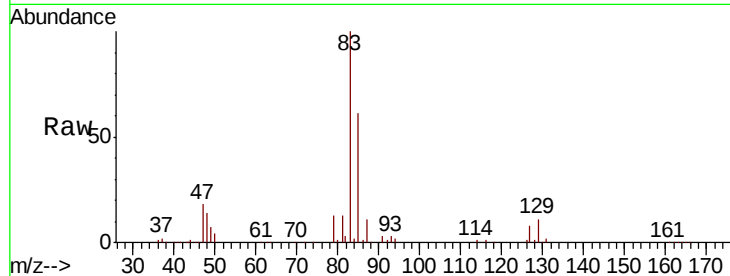
Tot Ion: 83 Resp: 168887

Ion Ratio Lower Upper

83 100

85 61.0 52.2 78.2

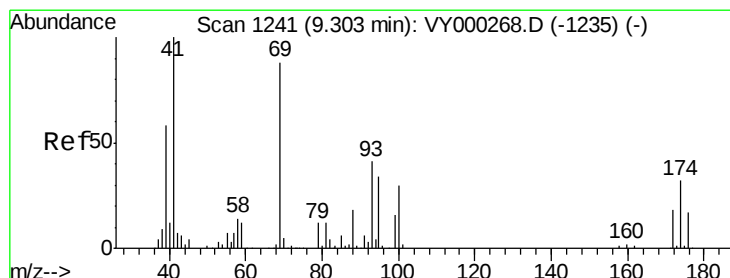
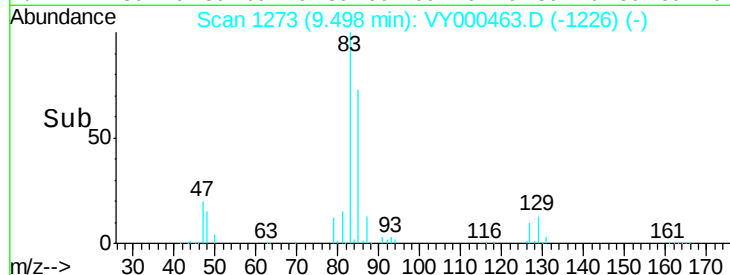
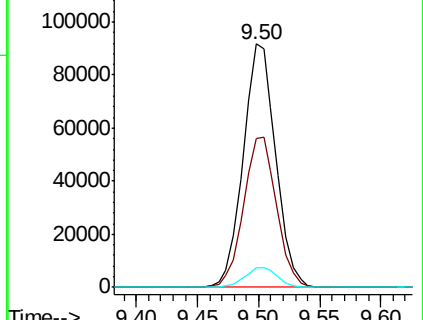
127 8.0 6.3 9.5



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): VY0



#48

Methyl methacrylate

Concen: 54.058 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

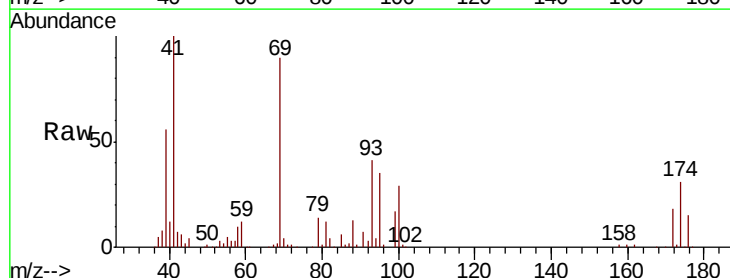
Tgt Ion: 41 Resp: 86344

Ion Ratio Lower Upper

41 100

69 90.1 70.0 105.0

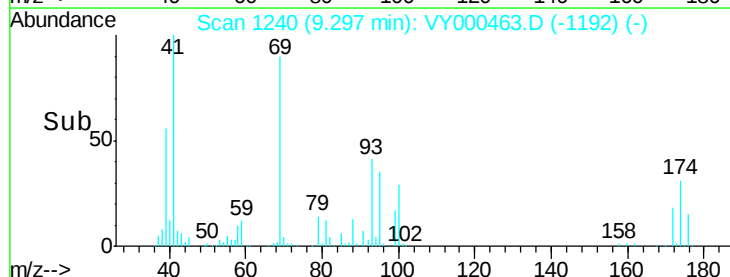
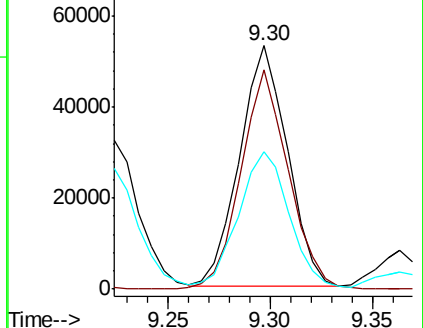
39 61.1 47.7 71.5

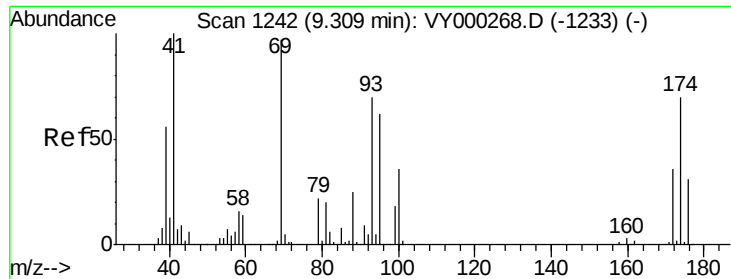


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

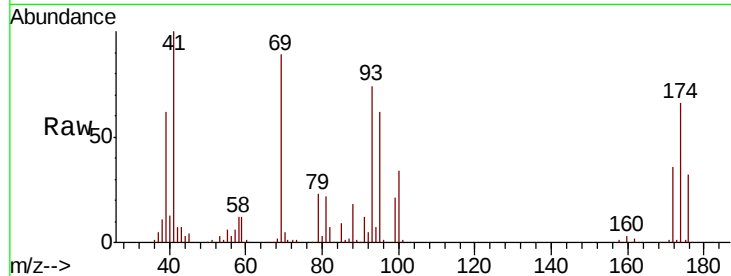




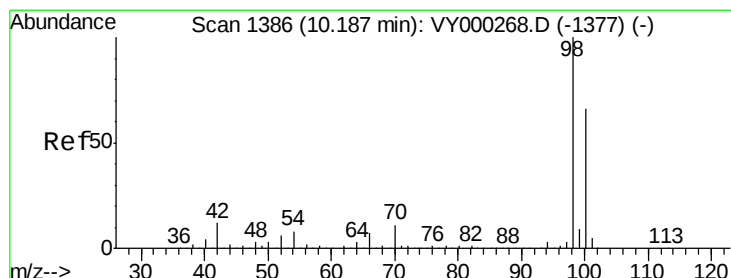
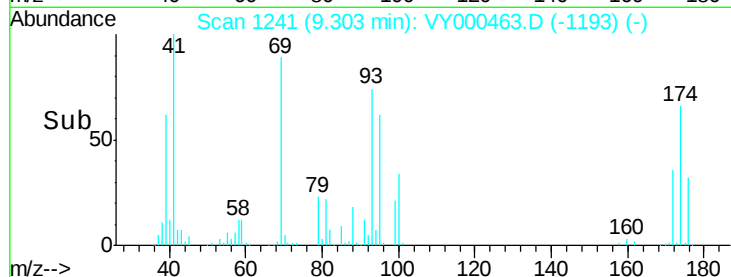
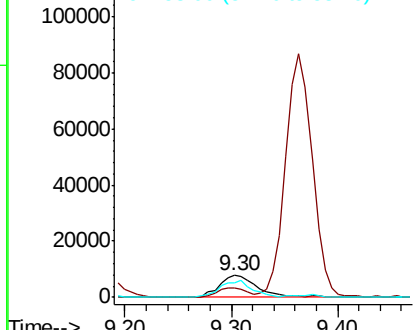
#49
1,4-Dioxane
Concen: 1018.376 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 19596
Ion Ratio Lower Upper
88 100
43 33.2 25.6 38.4
58 64.6 54.6 81.8

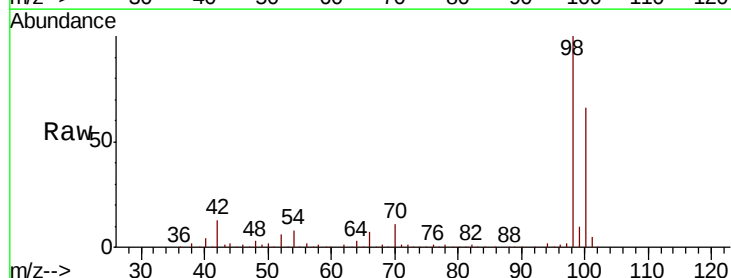


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

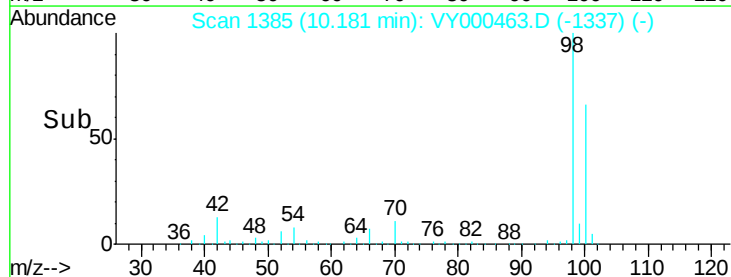
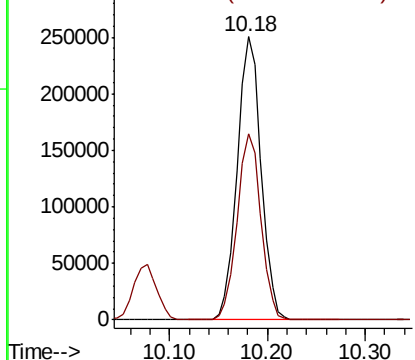


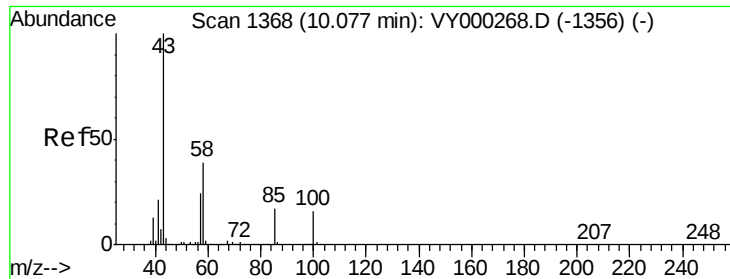
#50
Toluene-d8
Concen: 55.209 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 98 Resp: 423568
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



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

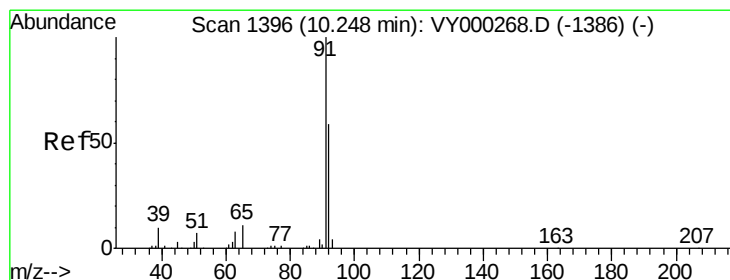
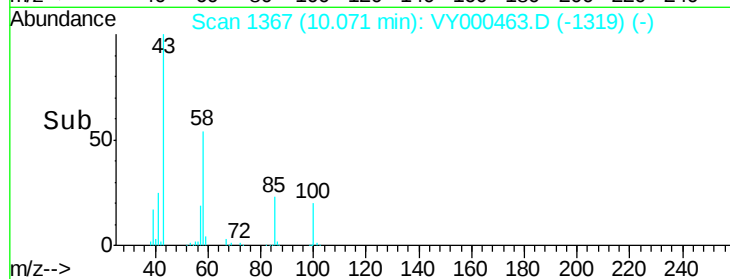
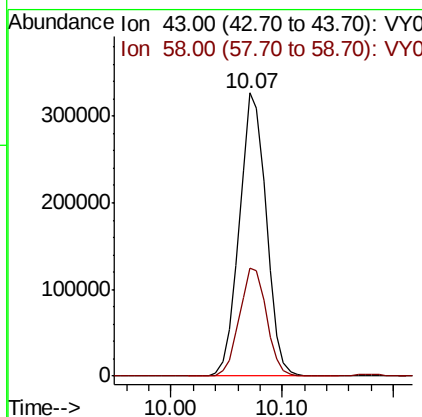
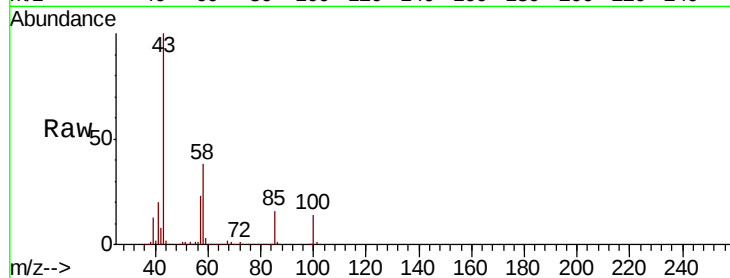




#51
4-Methyl-2-Pentanone
Concen: 290.727 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

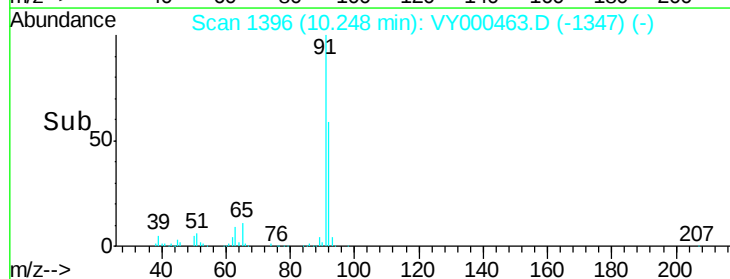
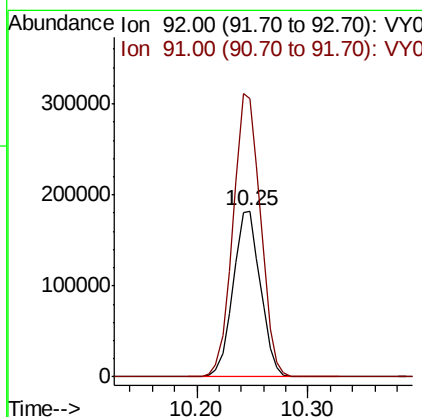
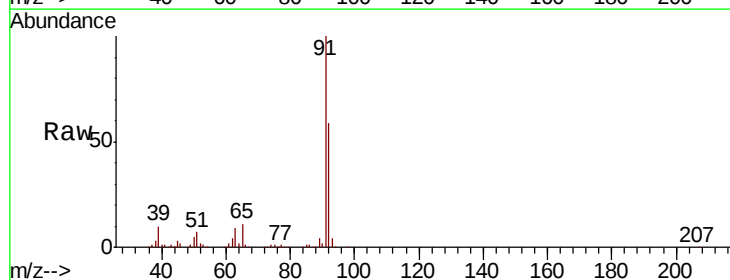
Instrument :
MSVOA_Y
ClientSampleId :

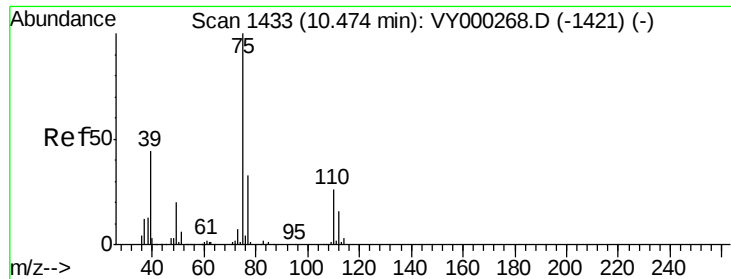
Tot Ion: 43 Resp: 546502
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.6



#52
Toluene
Concen: 52.023 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 92 Resp: 308987
Ion Ratio Lower Upper
92 100
91 171.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 55.964 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

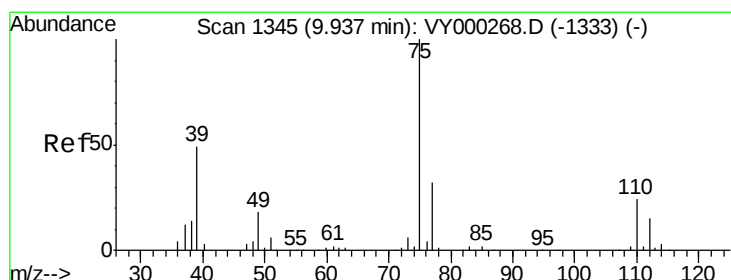
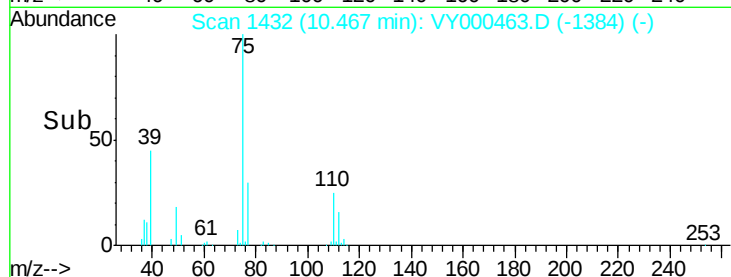
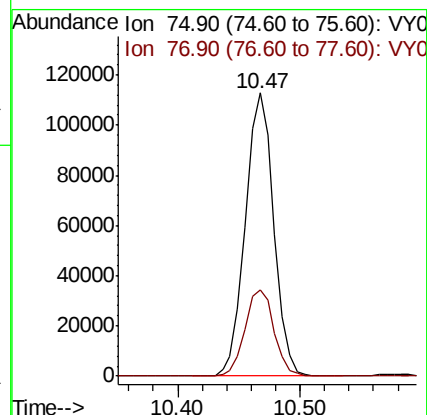
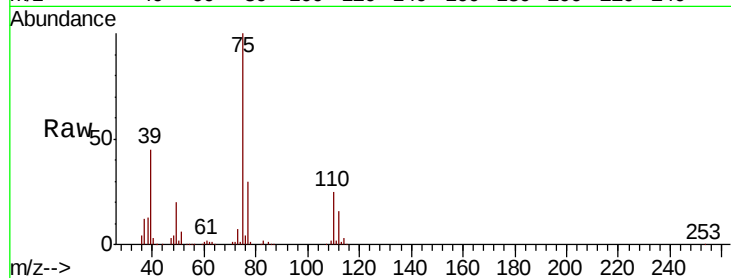
ClientSampleId :

Tot Ion: 75 Resp: 181399

Ion Ratio Lower Upper

75 100

77 30.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 54.647 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

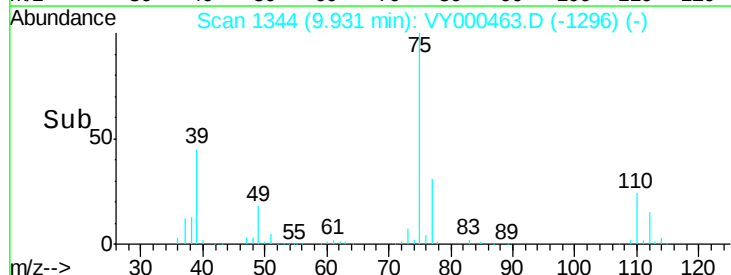
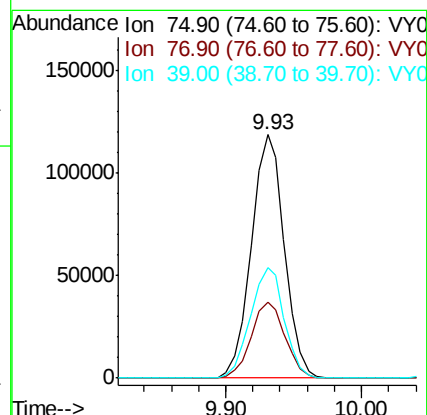
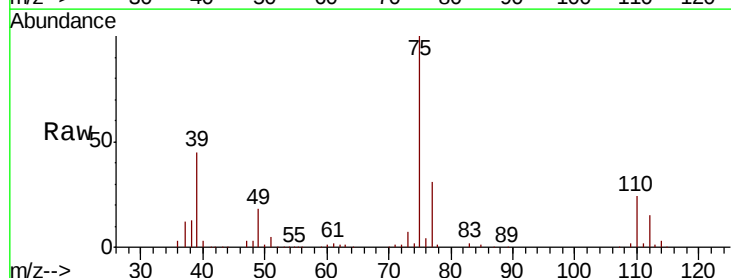
Tgt Ion: 75 Resp: 201155

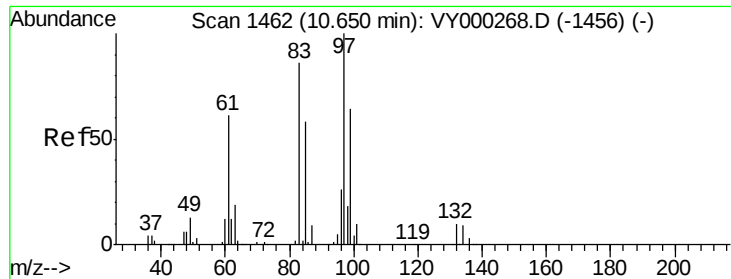
Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0

39 45.3 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 53.717 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 100234

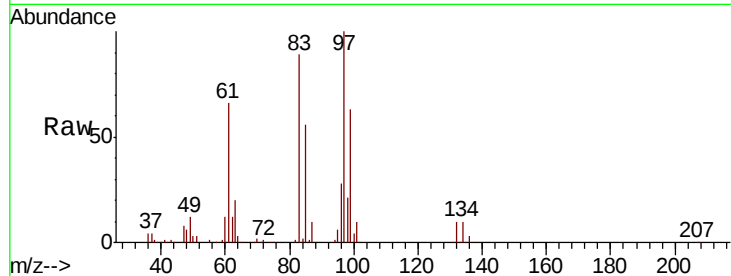
Ion Ratio Lower Upper

97 100

83 89.1 69.0 103.6

85 56.3 46.2 69.4

99 62.8 51.1 76.7

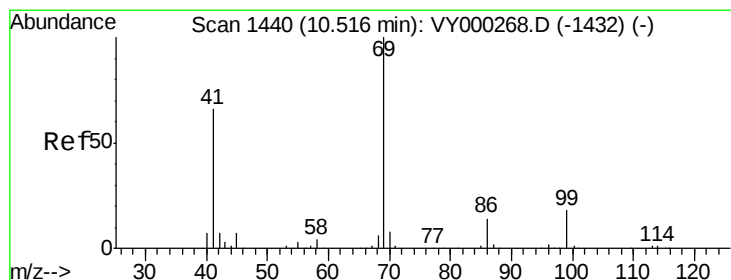
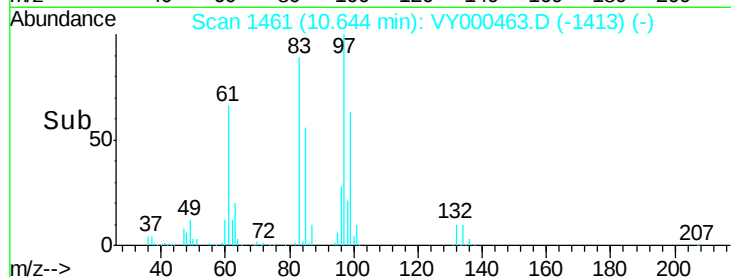
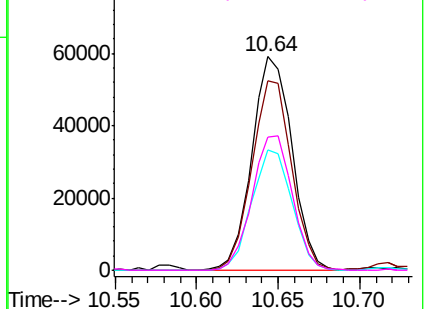


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 56.892 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

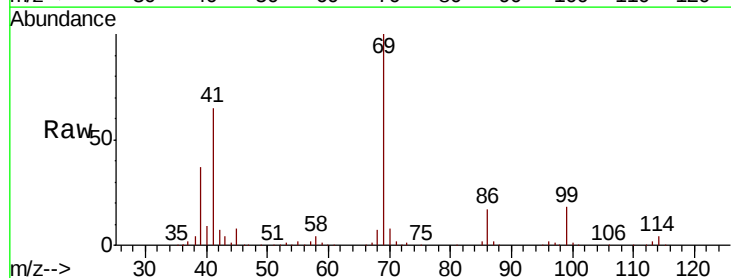
Tgt Ion: 69 Resp: 151315

Ion Ratio Lower Upper

69 100

41 66.7 52.5 78.7

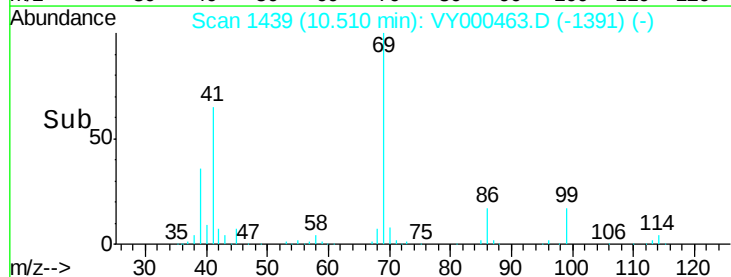
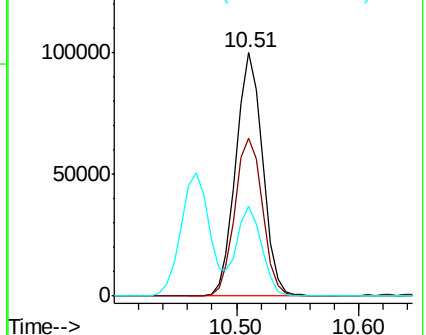
39 34.0 26.7 40.1

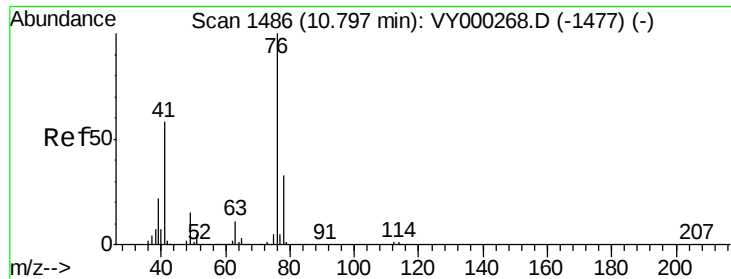


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 56.612 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

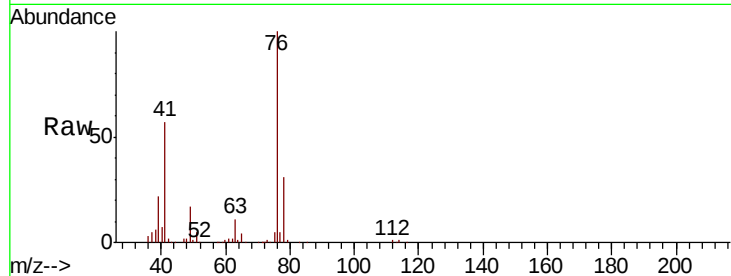
ClientSampled :

Tot Ion: 76 Resp: 181416

Ion Ratio Lower Upper

76 100

78 31.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

120000

100000

80000

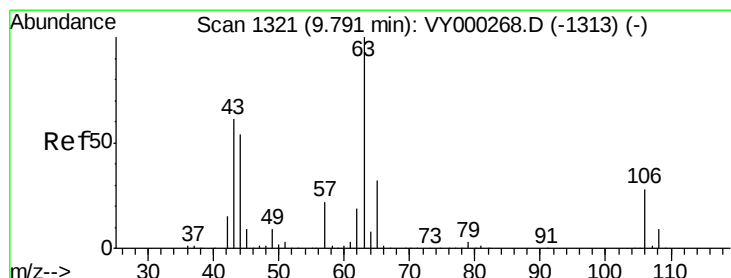
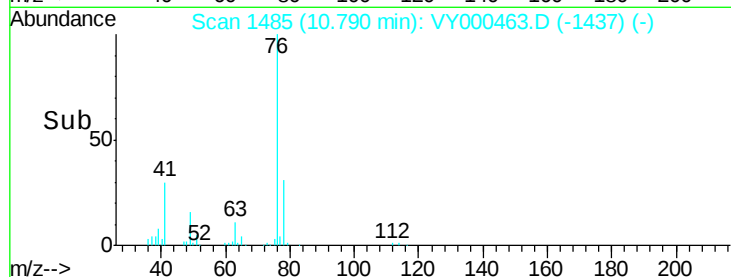
60000

40000

20000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 305.743 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000463.D

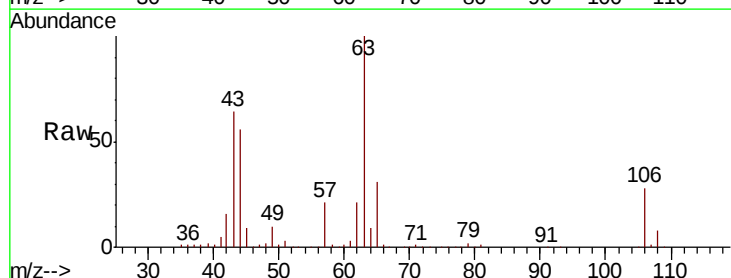
Acq: 29 Oct 2019 10:27

Tgt Ion: 63 Resp: 324350

Ion Ratio Lower Upper

63 100

106 27.7 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

200000

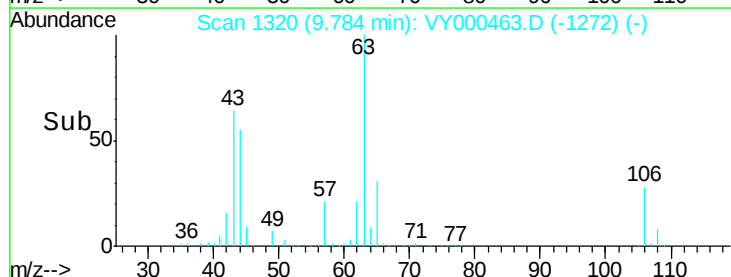
150000

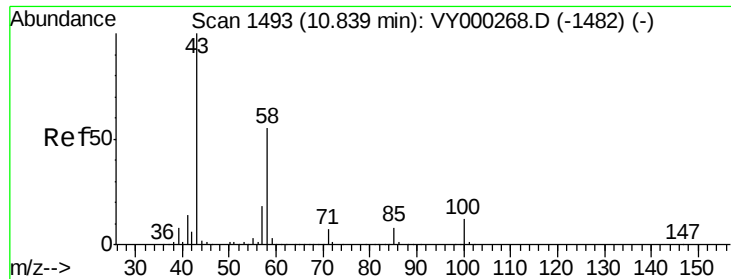
100000

50000

0

Time--> 9.70 9.75 9.80 9.85

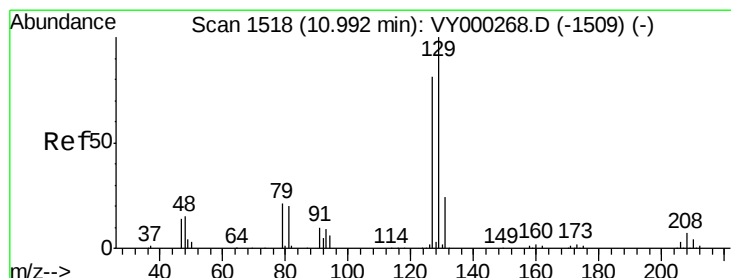
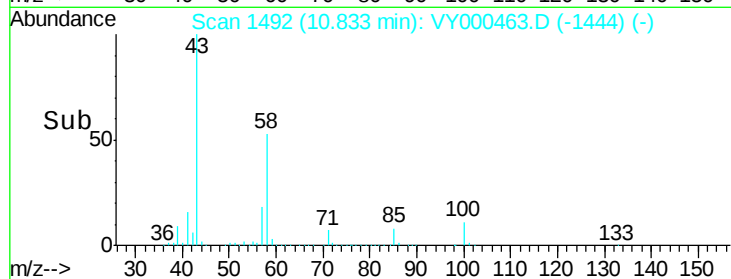
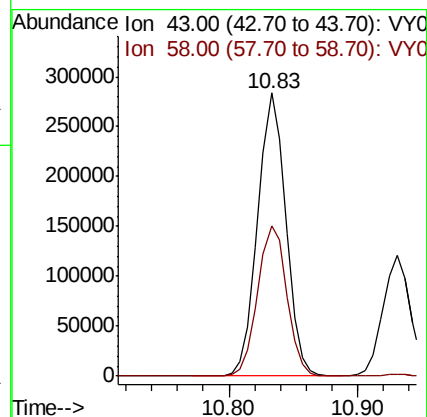
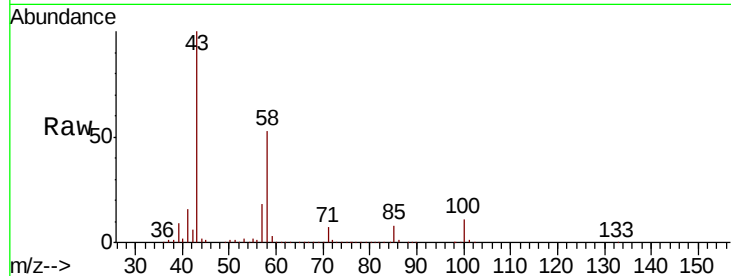




#59
2-Hexanone
Concen: 325.209 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

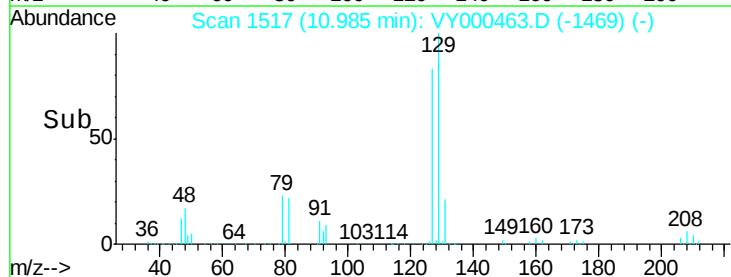
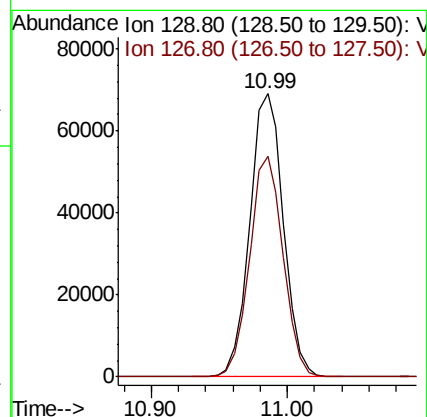
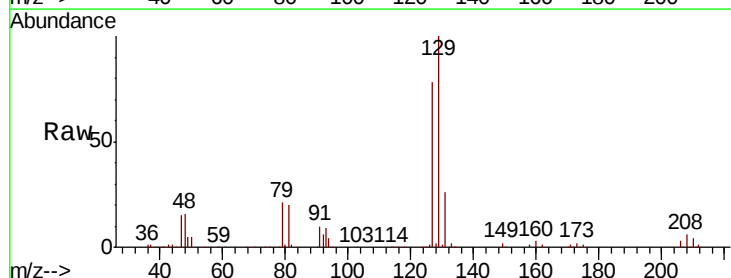
Instrument :
MSVOA_Y
ClientSampled :

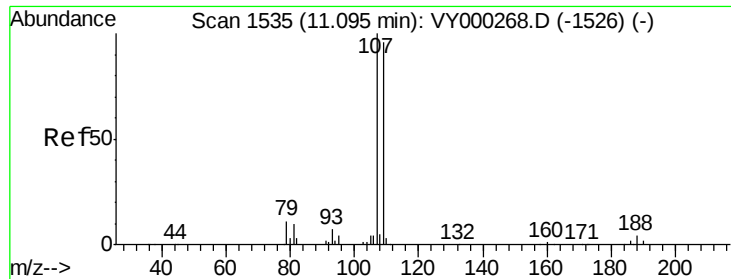
Tot Ion: 43 Resp: 429095
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 57.702 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion:129 Resp: 119339
Ion Ratio Lower Upper
129 100
127 77.3 39.9 119.7

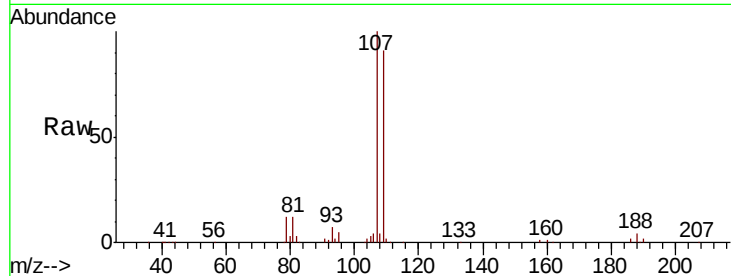




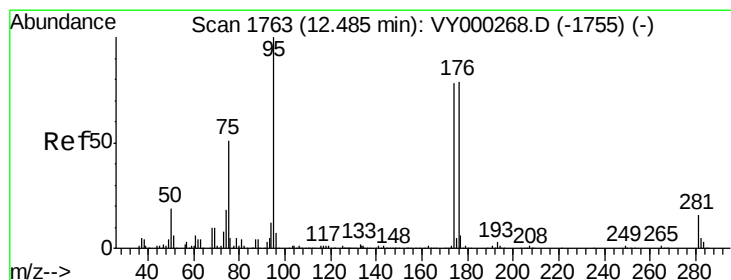
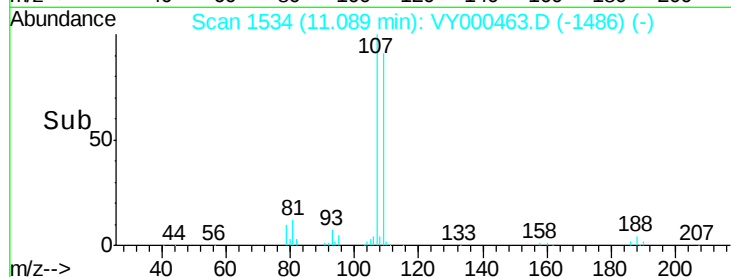
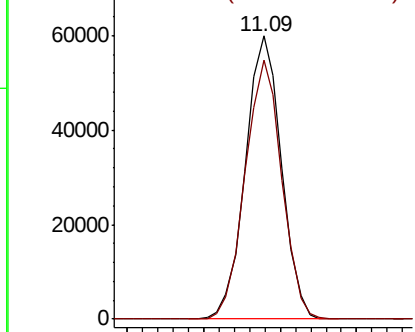
#61
 1,2-Dibromoethane
 Concen: 54.555 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 97742
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.1 112.7

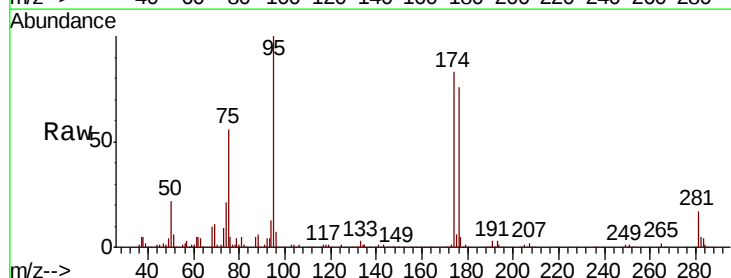


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

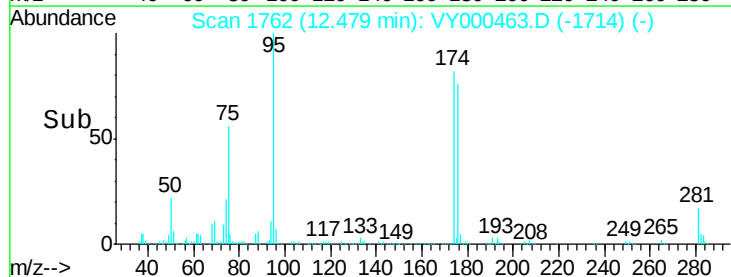
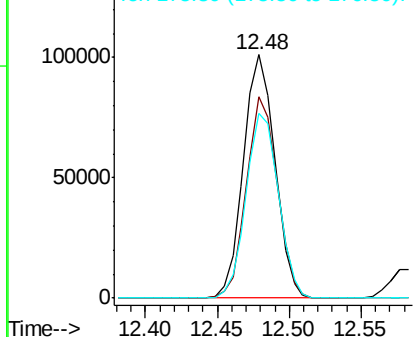


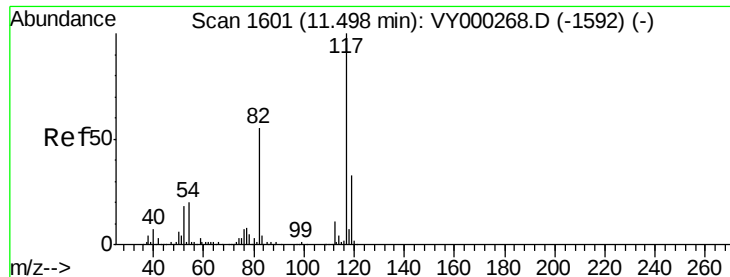
#62
 4-Bromofluorobenzene
 Concen: 52.707 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion: 95 Resp: 153624
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 159.6
 176 77.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

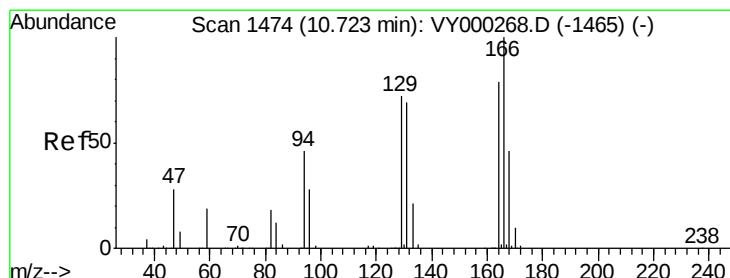
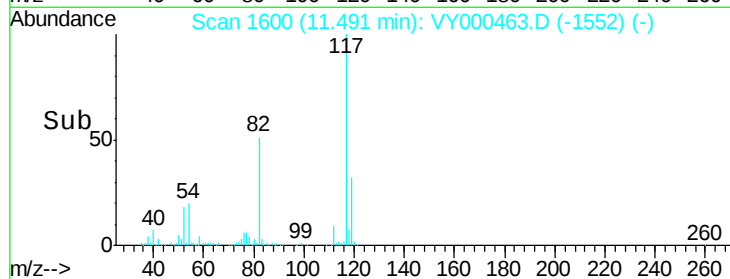
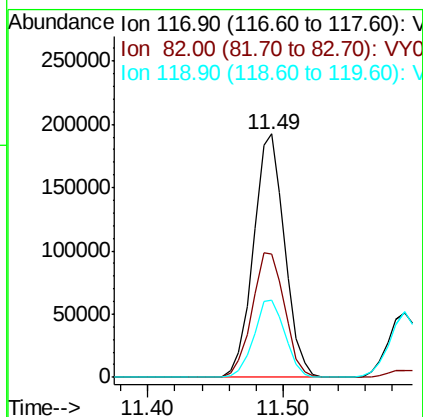
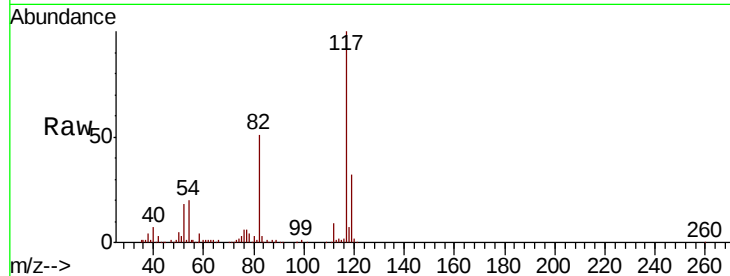




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

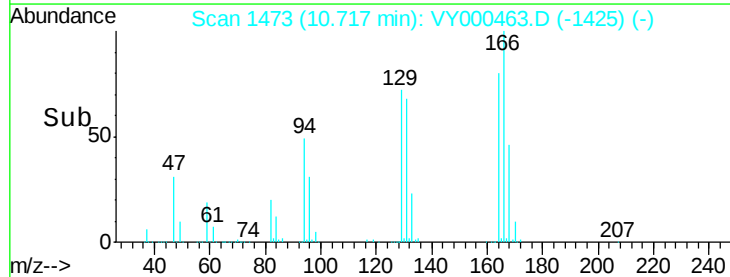
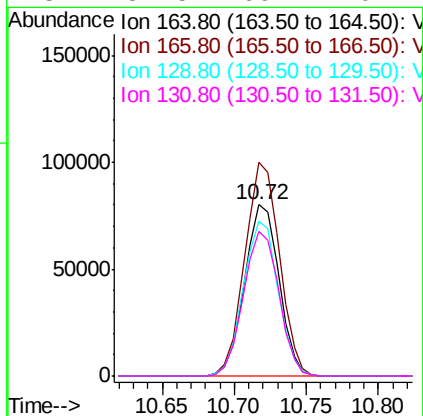
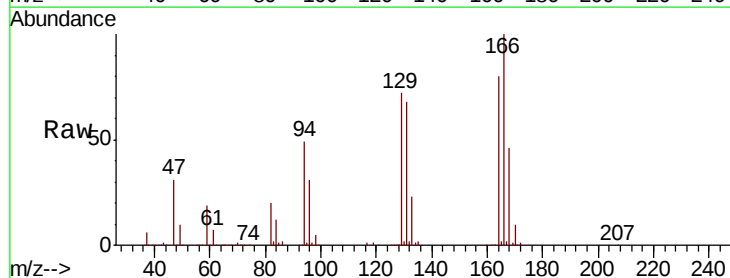
Instrument :
MSVOA_Y
ClientSampled :

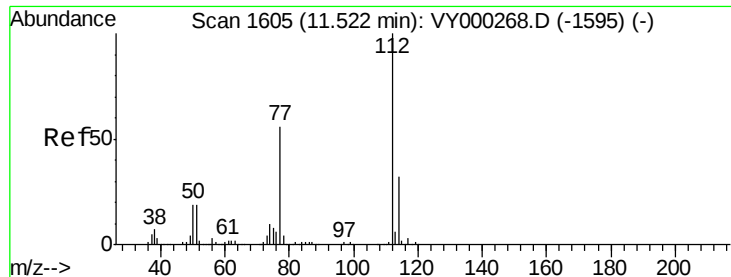
Tot Ion:117 Resp: 308829
Ion Ratio Lower Upper
117 100
82 50.8 43.7 65.5
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 45.183 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion:164 Resp: 132843
Ion Ratio Lower Upper
164 100
166 124.6 100.6 151.0
129 90.1 72.8 109.2
131 84.5 69.4 104.2

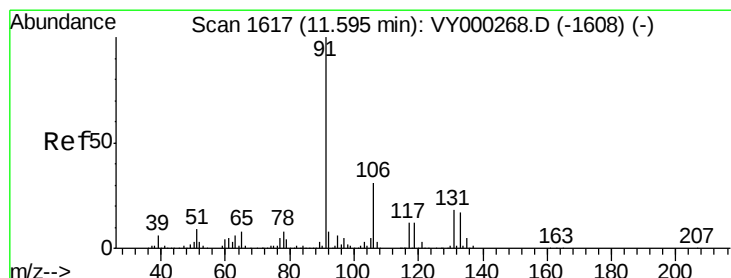
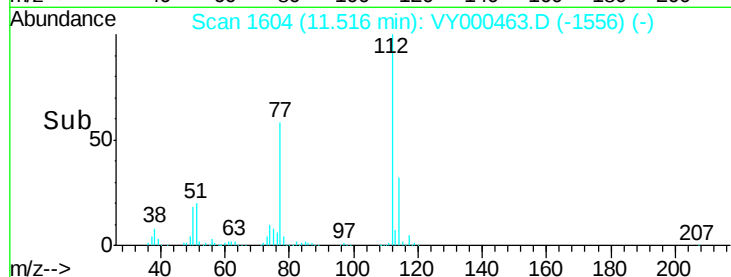
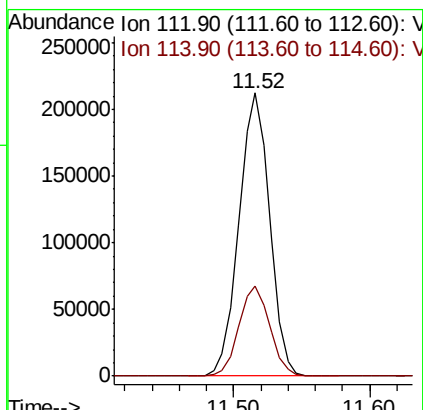
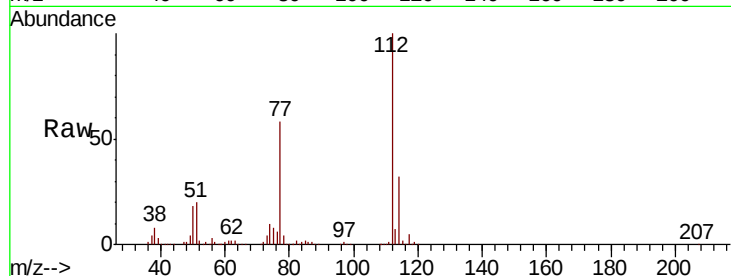




#65
Chlorobenzene
Concen: 51.152 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

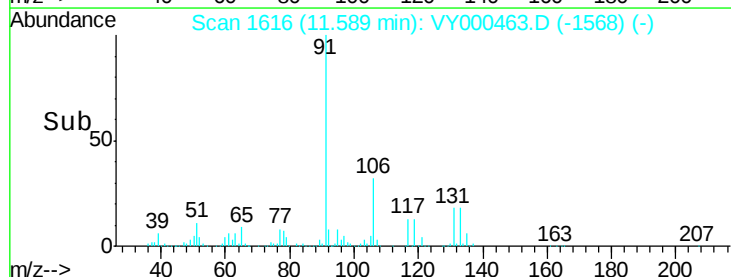
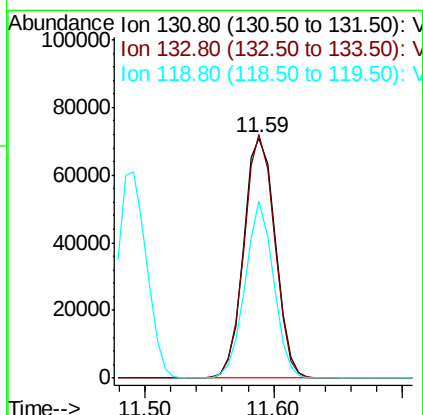
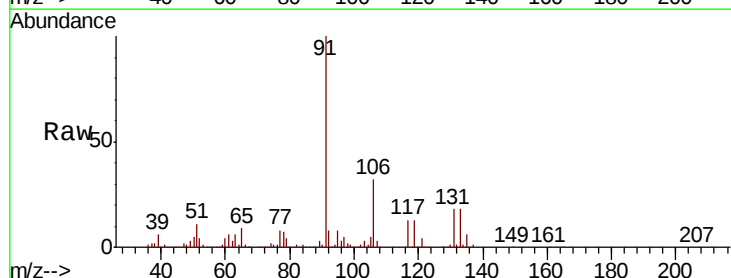
Instrument :
MSVOA_Y
ClientSampleId :

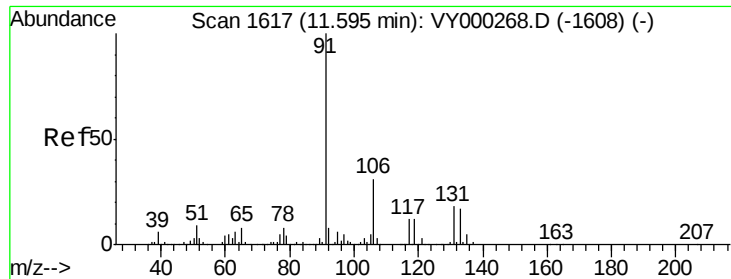
Tot Ion:112 Resp: 333389
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.534 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion:131 Resp: 120278
Ion Ratio Lower Upper
131 100
133 97.7 47.2 141.6
119 66.1 32.6 98.0

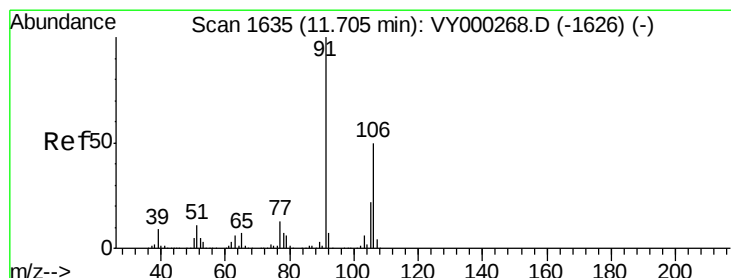
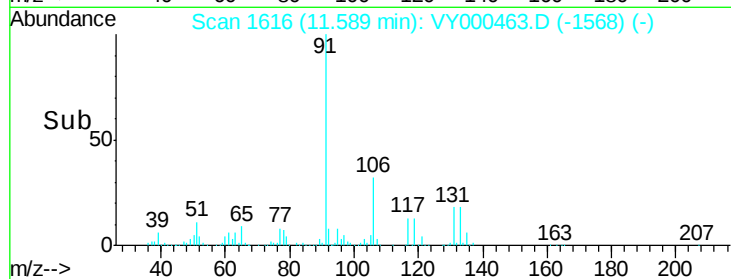
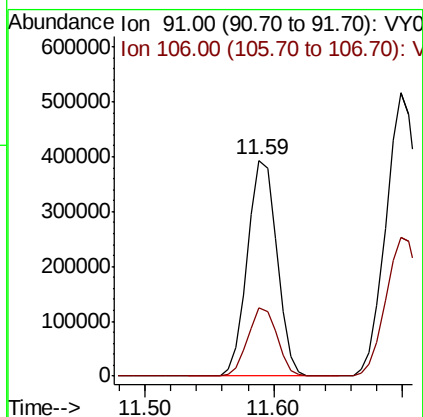
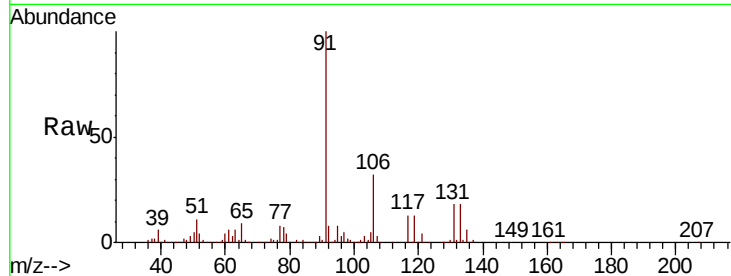




#67
Ethyl Benzene
Concen: 51.368 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

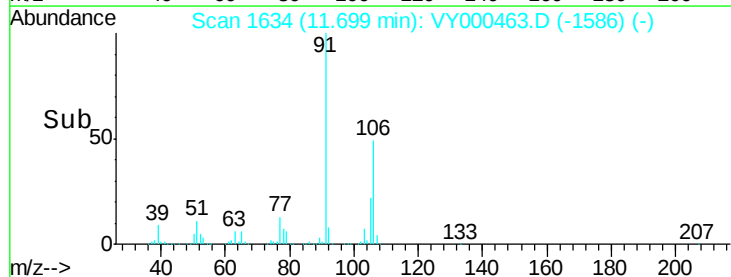
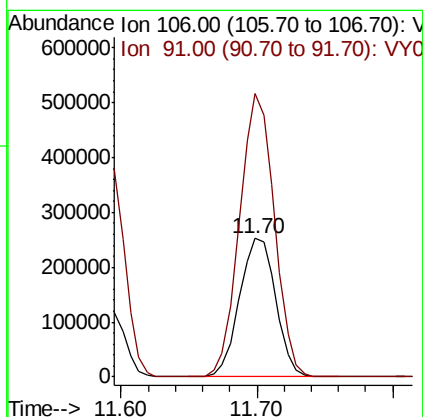
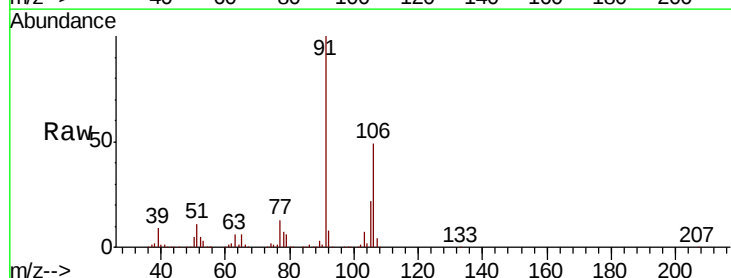
Instrument :
MSVOA_Y
ClientSampled :

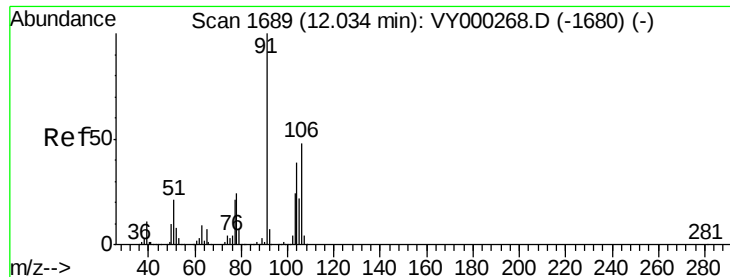
Tot Ion: 91 Resp: 620640
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 101.694 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 106 Resp: 469709
Ion Ratio Lower Upper
106 100
91 197.1 157.5 236.3

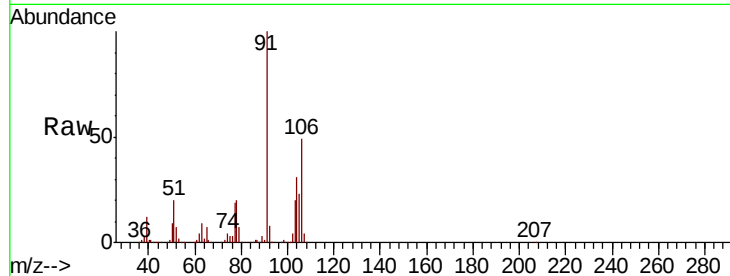




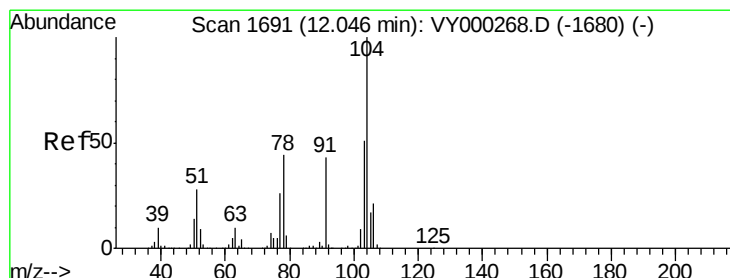
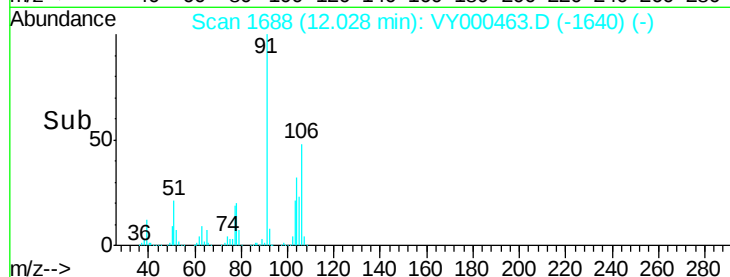
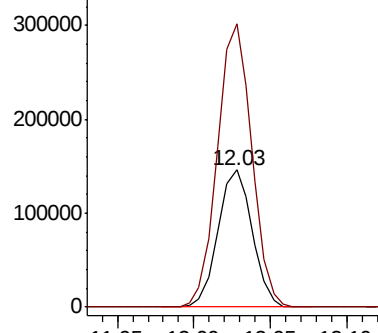
#69
o-Xylene
Concen: 51.669 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 227665
Ion Ratio Lower Upper
106 100
91 206.7 104.7 313.9

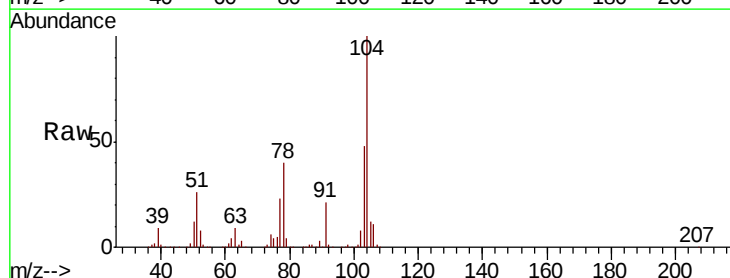


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

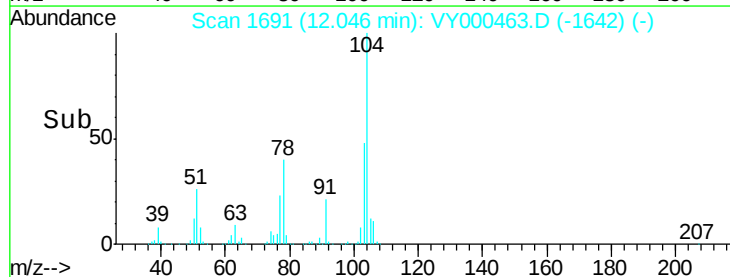
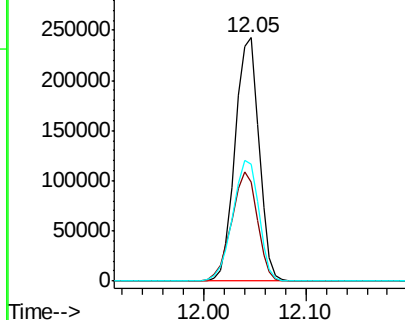


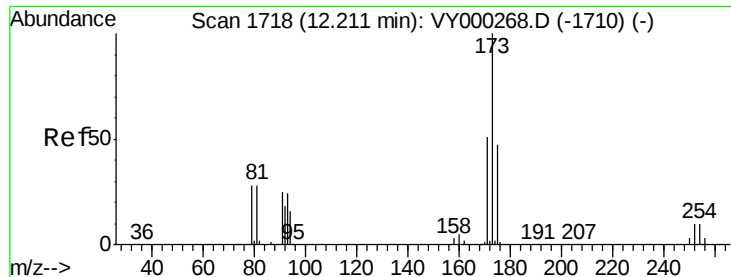
#70
Styrene
Concen: 52.681 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion:104 Resp: 391474
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 54.1 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.701 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampled :

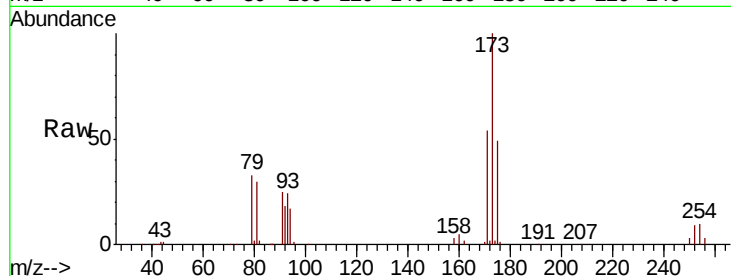
Tot Ion:173 Resp: 74628

Ion Ratio Lower Upper

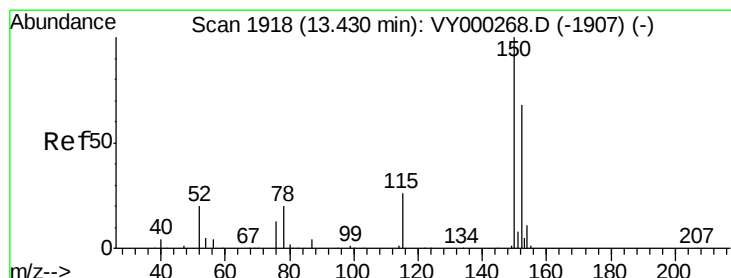
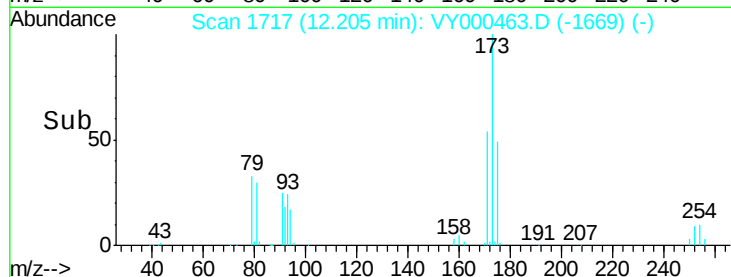
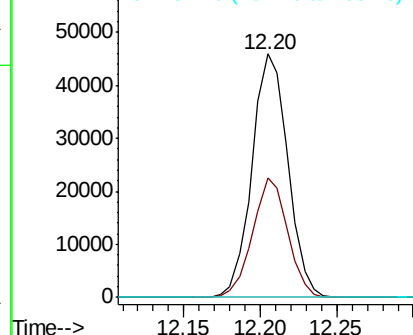
173 100

175 48.1 24.6 73.6

254 0.0 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. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

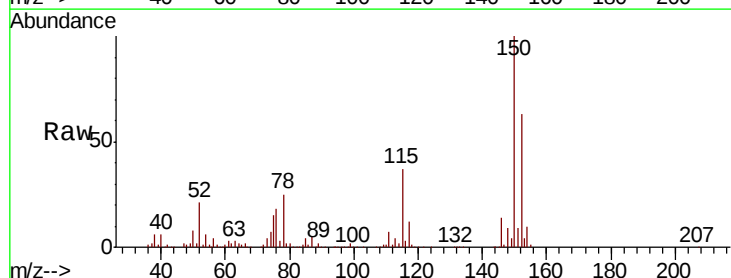
Tgt Ion:152 Resp: 155864

Ion Ratio Lower Upper

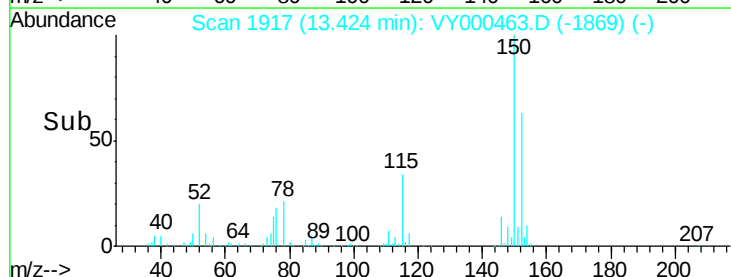
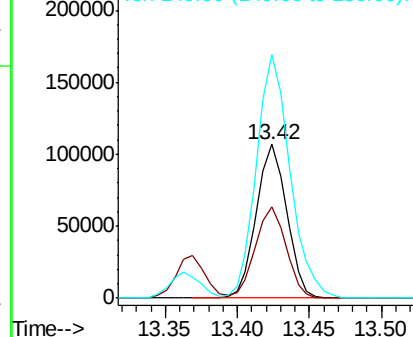
152 100

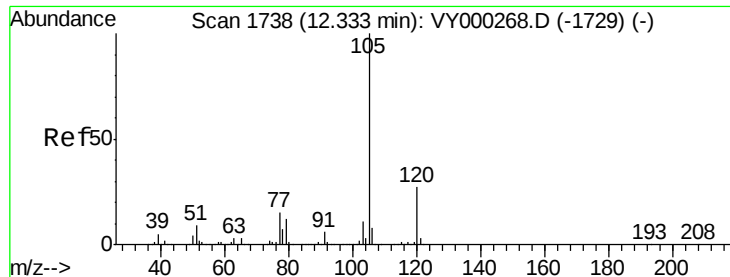
115 59.8 29.3 88.0

150 174.9 0.0 348.4



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





#73

Isopropylbenzene

Concen: 50.243 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

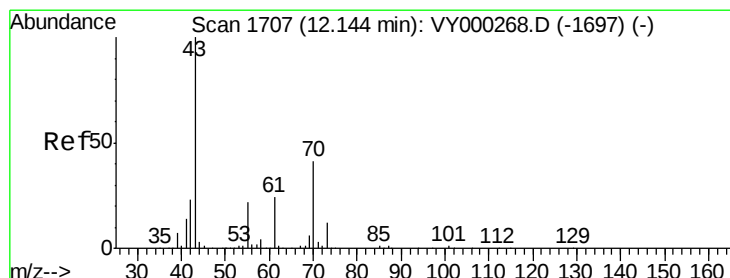
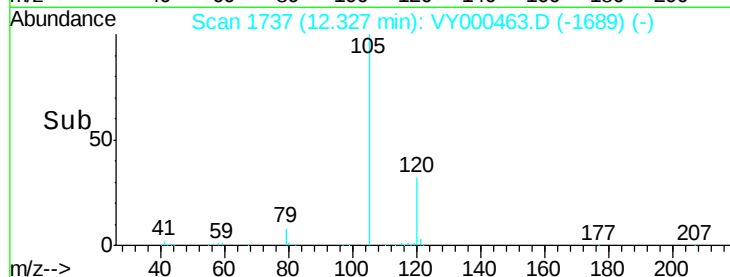
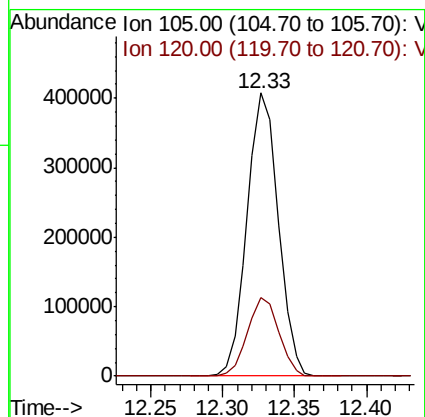
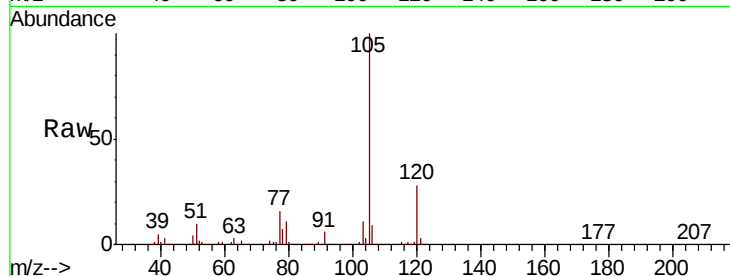
ClientSampleId :

Tot Ion:105 Resp: 610619

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.2



#74

N-ethyl acetate

Concen: 62.238 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion: 43 Resp: 185693

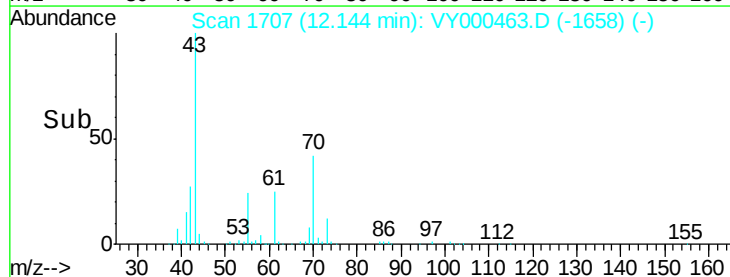
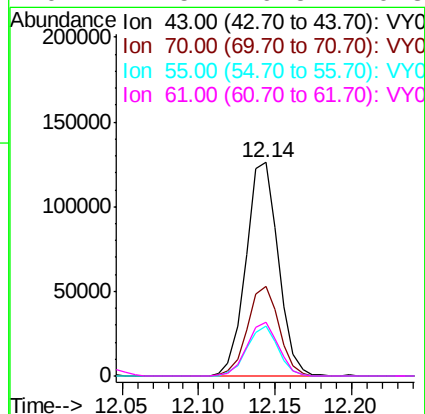
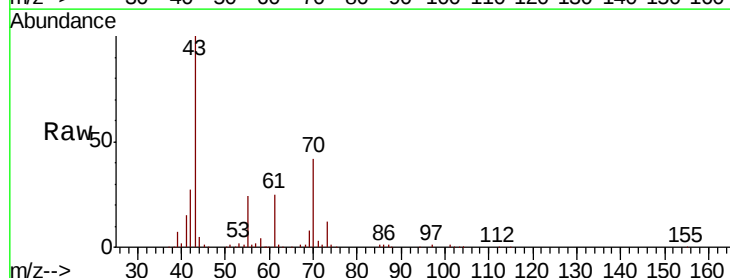
Ion Ratio Lower Upper

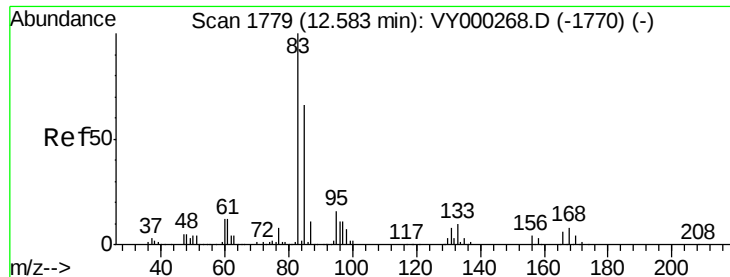
43 100

70 41.3 32.9 49.3

55 22.7 17.8 26.6

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.744 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

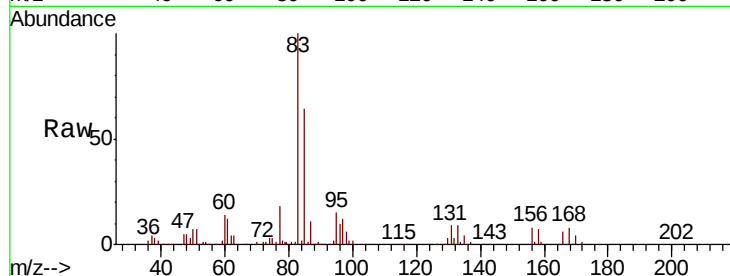
Tot Ion: 83 Resp: 127200

Ion Ratio Lower Upper

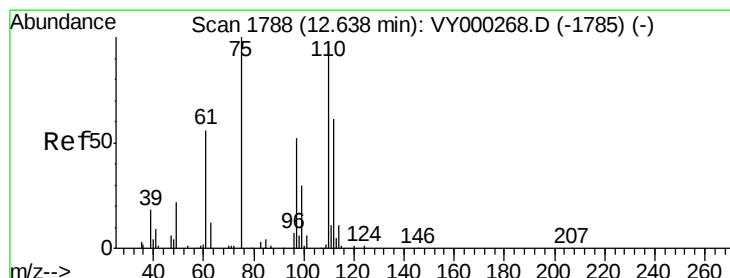
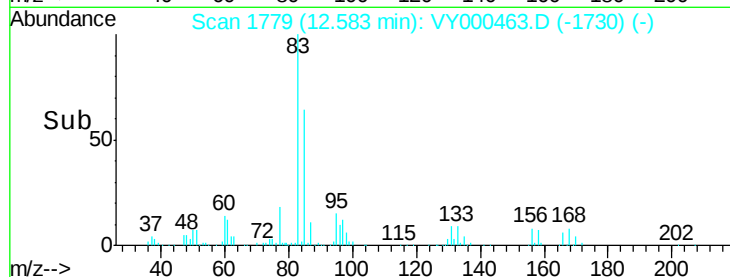
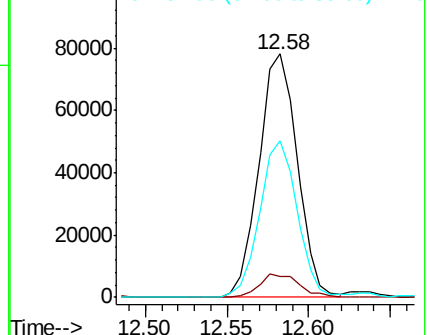
83 100

131 10.1 5.3 16.1

85 62.9 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 91.901 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000463.D

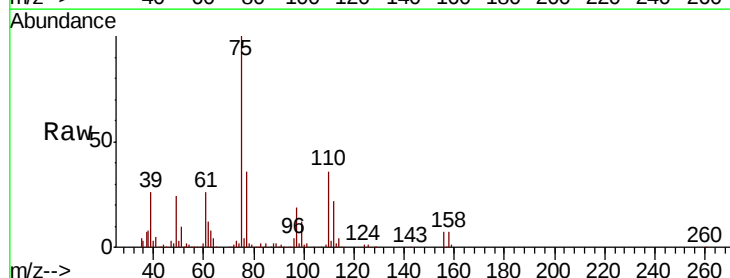
Acq: 29 Oct 2019 10:27

Tgt Ion: 75 Resp: 176137

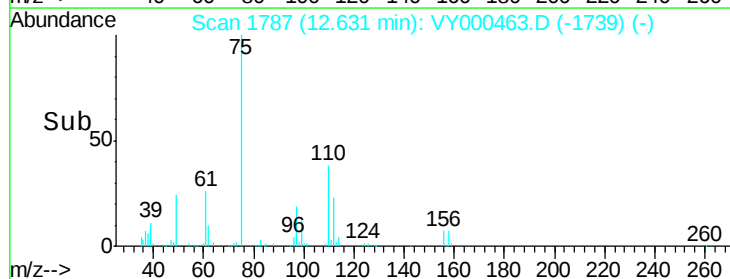
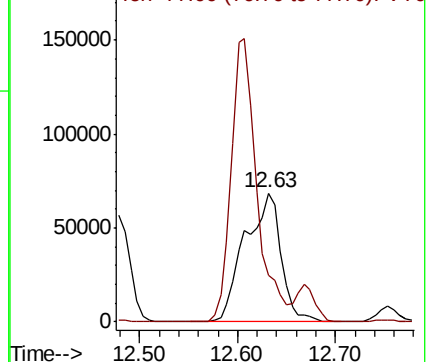
Ion Ratio Lower Upper

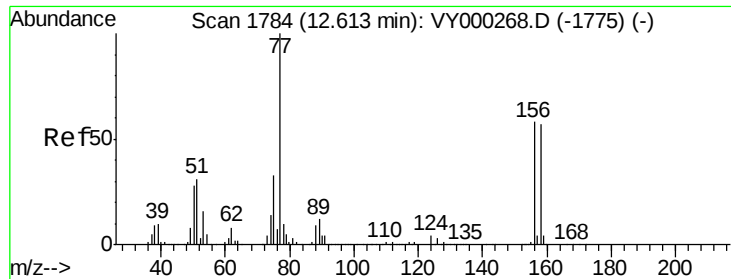
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

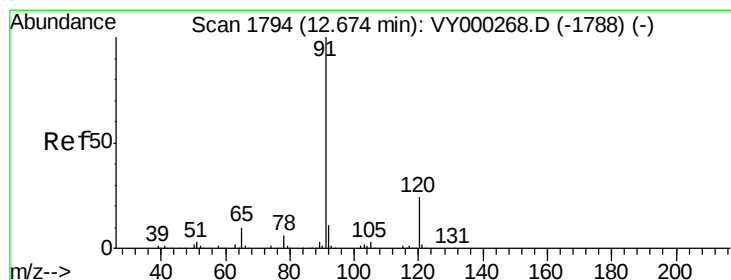
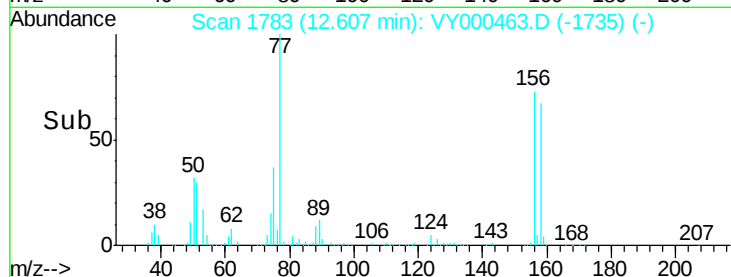
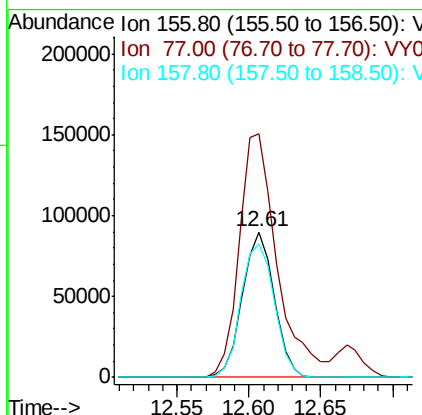
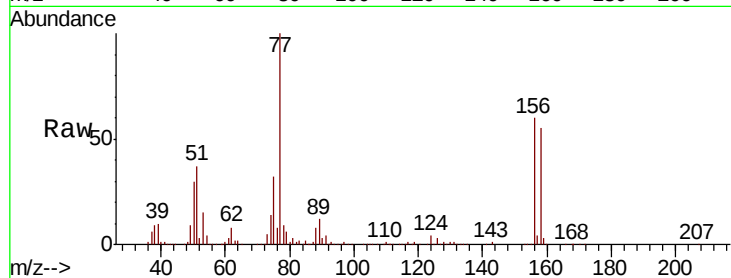




#77
Bromobenzene
Concen: 50.765 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

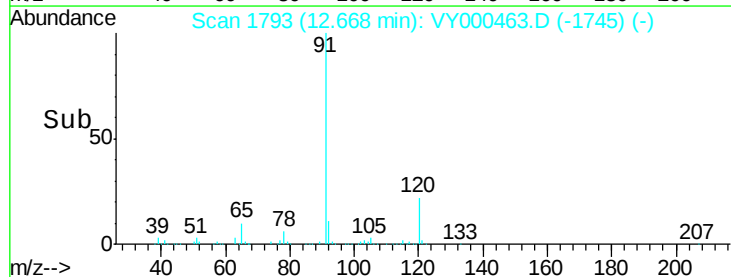
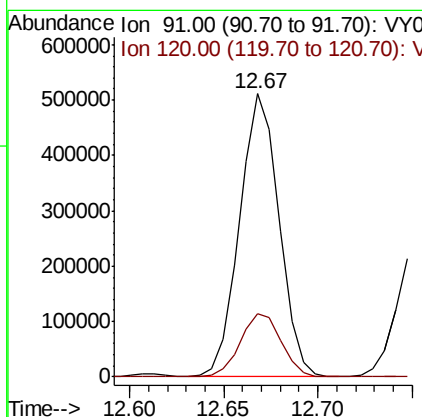
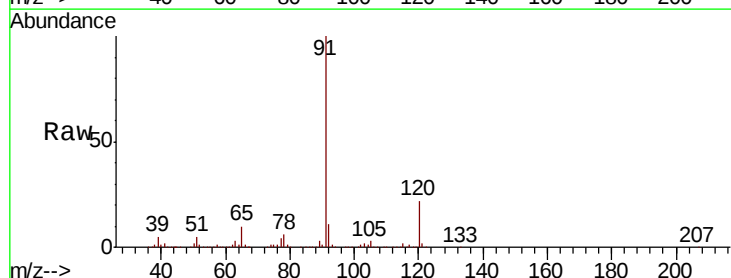
Instrument :
MSVOA_Y
ClientSampleId :

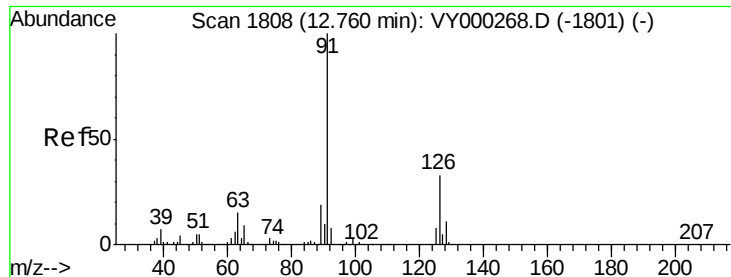
Tot Ion:156 Resp: 137289
Ion Ratio Lower Upper
156 100
77 198.8 101.0 302.9
158 97.0 49.7 149.1



#78
n-propylbenzene
Concen: 50.775 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 91 Resp: 740902
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5

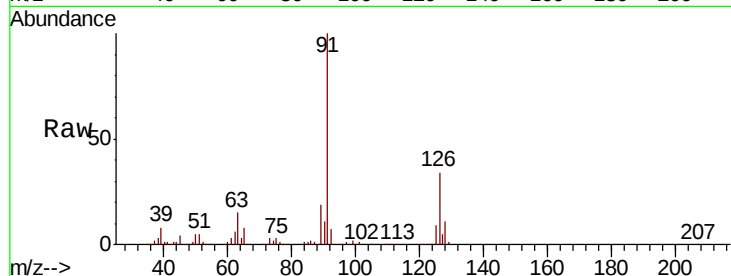




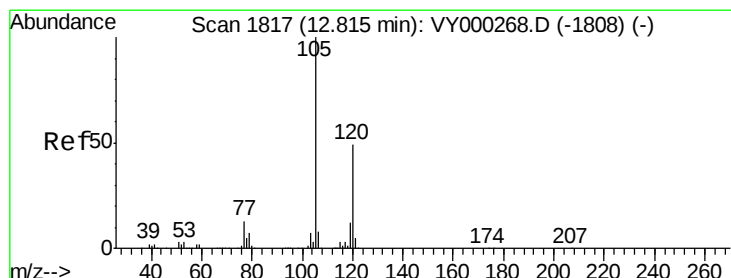
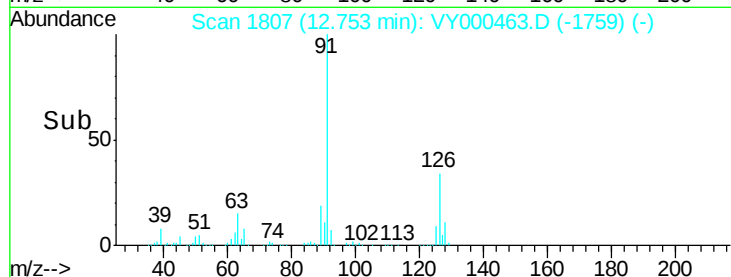
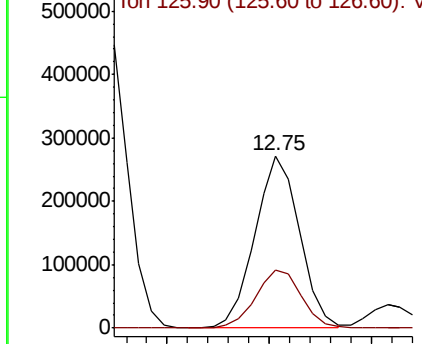
#79
 2-Chlorotoluene
 Concen: 51.013 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 411091
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.1 51.3

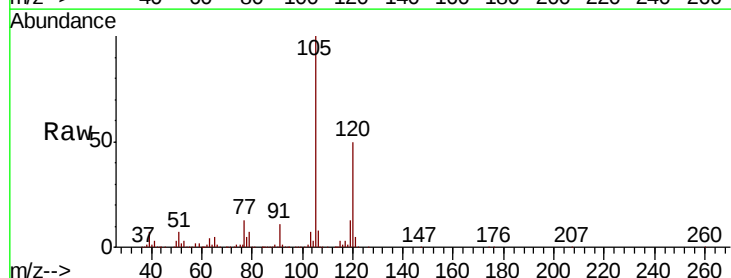


Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)
 Ion 125.90 (125.60 to 126.60): VY000268.D (-1801) (-)

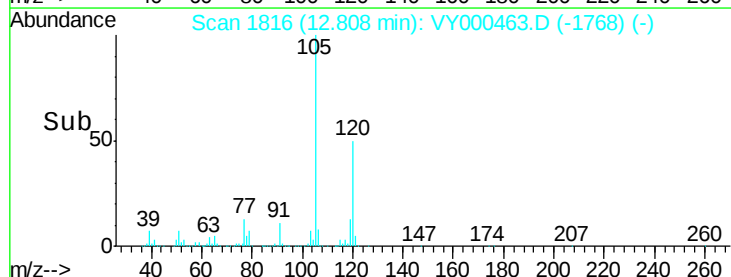
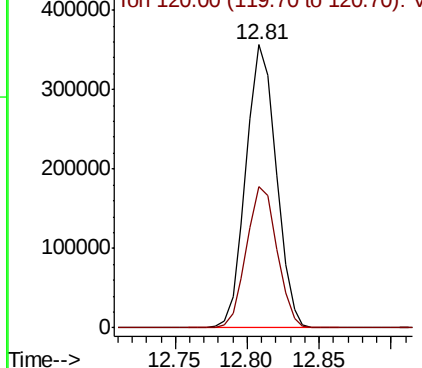


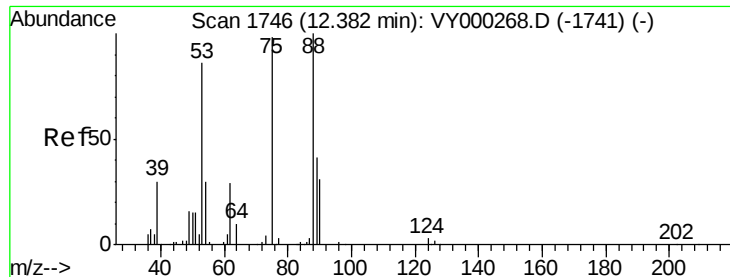
#80
 1,3,5-Trimethylbenzene
 Concen: 50.883 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion: 105 Resp: 518538
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)
 Ion 120.00 (119.70 to 120.70): VY000268.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.015 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

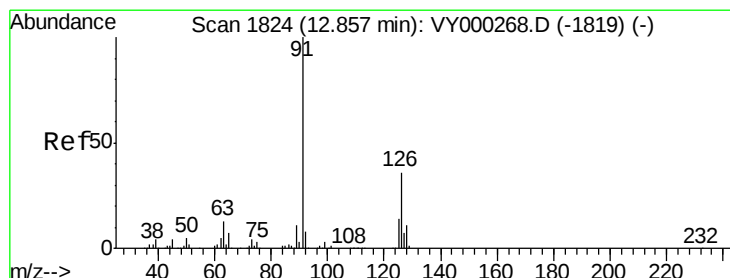
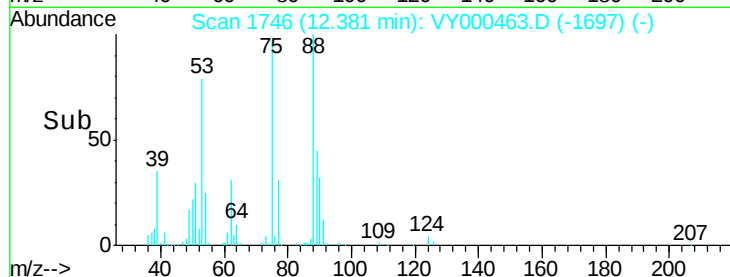
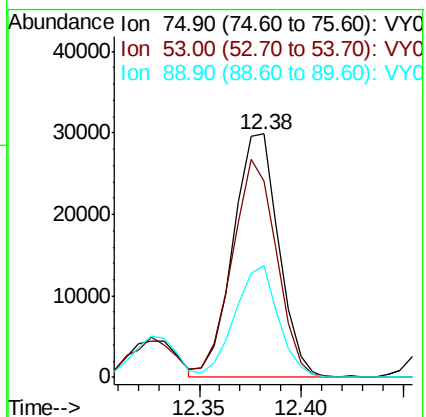
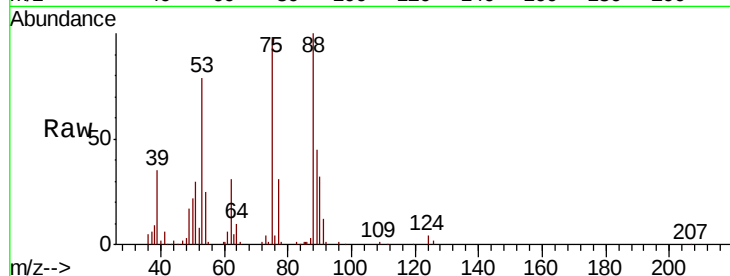
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 46440

Ion	Ratio	Lower	Upper
75	100		
53	86.7	71.3	106.9
89	43.5	35.1	52.7



#82

4-Chlorotoluene

Concen: 50.700 ug/l

RT: 12.85 min Scan# 1823

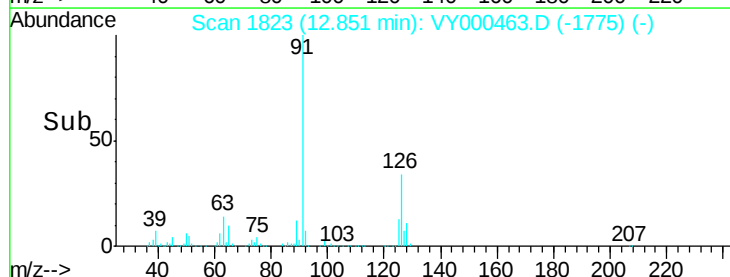
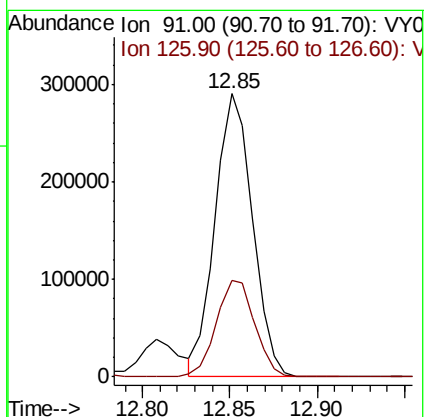
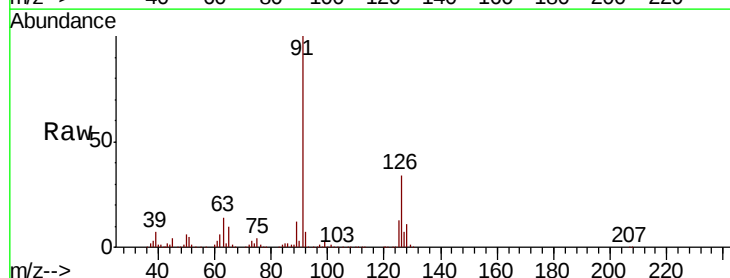
Delta R.T. -0.01 min

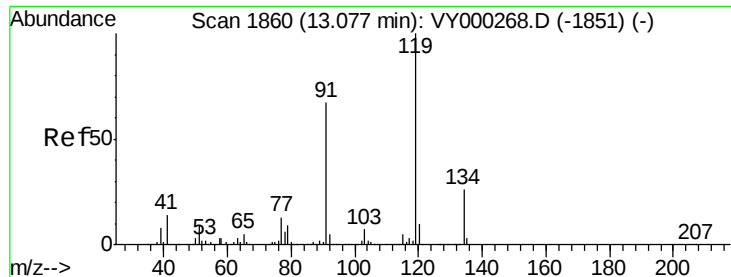
Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion: 91 Resp: 431878

Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.5

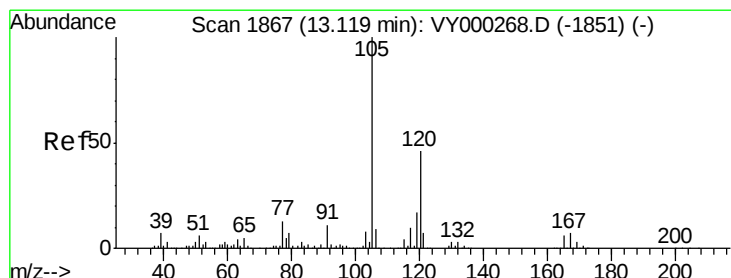
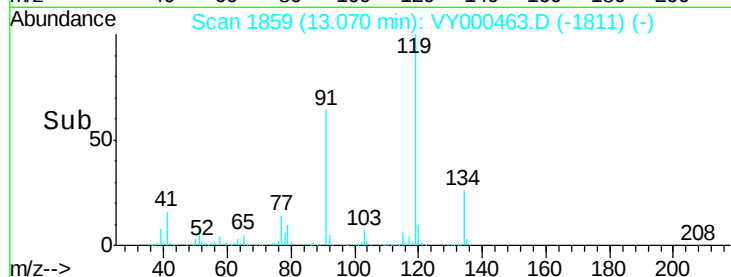
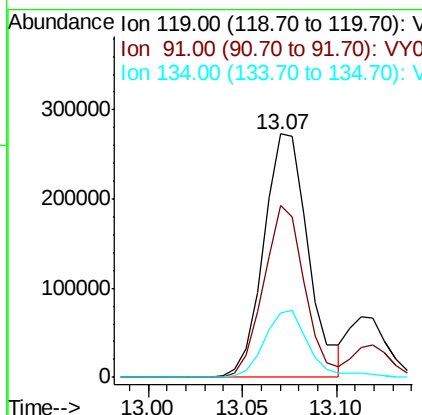
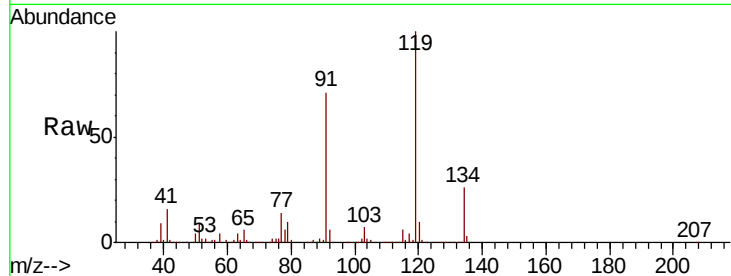




#83
 tert-Butylbenzene
 Concen: 51.845 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

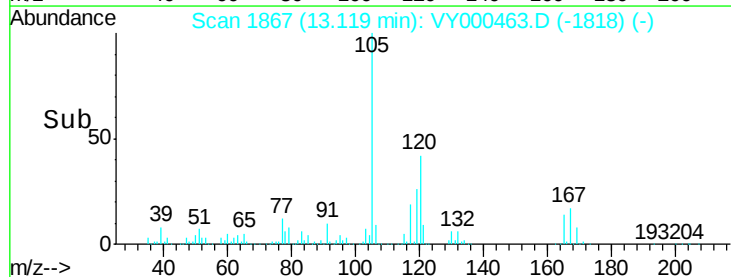
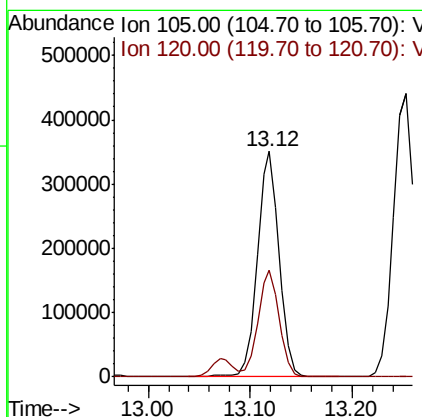
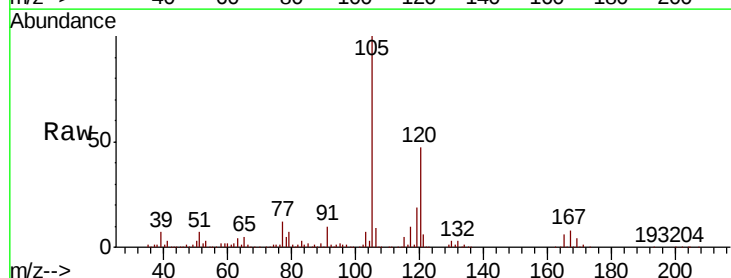
Instrument :
 MSVOA_Y
 ClientSampleId :

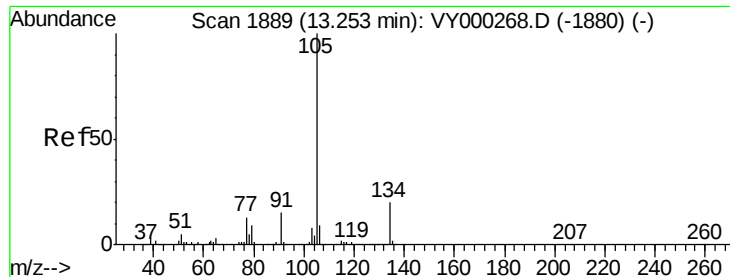
Tot Ion:119 Resp: 447426
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.9 98.7
 134 27.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.815 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion:105 Resp: 521149
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 51.197 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

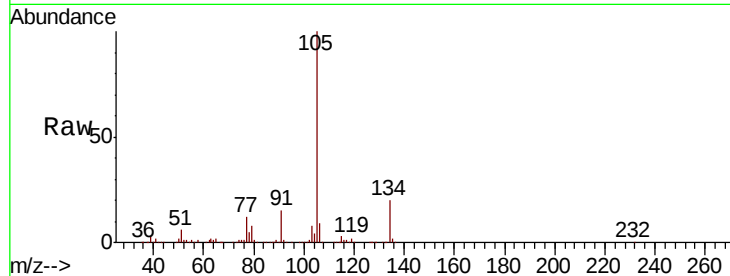
ClientSampleId :

Tot Ion:105 Resp: 639169

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

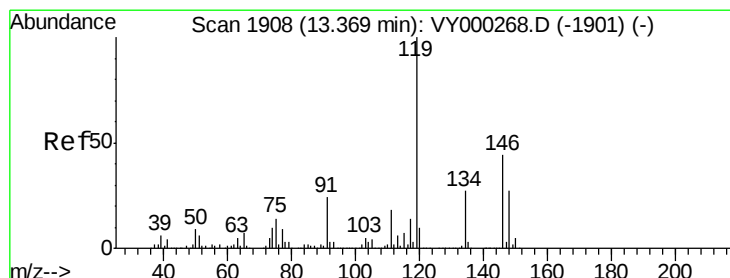
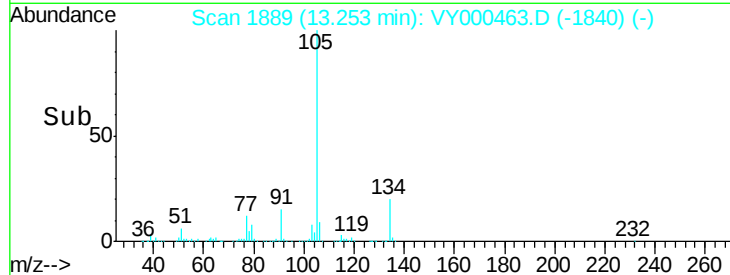
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.731 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

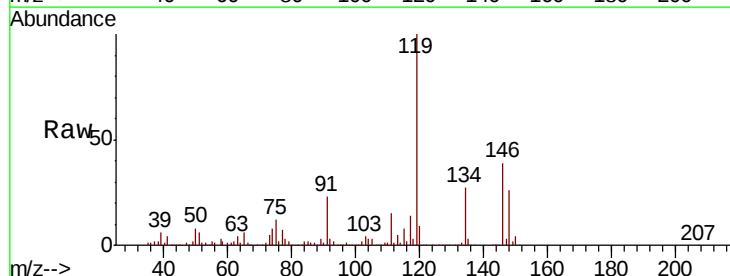
Tgt Ion:119 Resp: 573928

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 23.1 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

13.37

400000

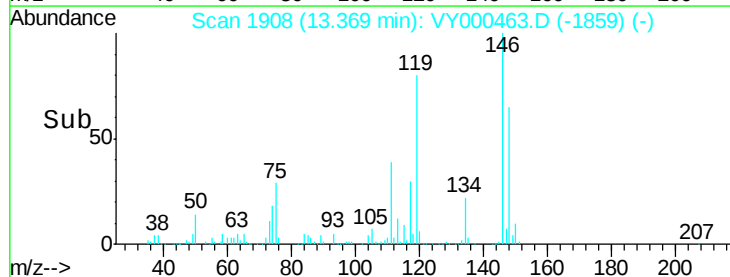
300000

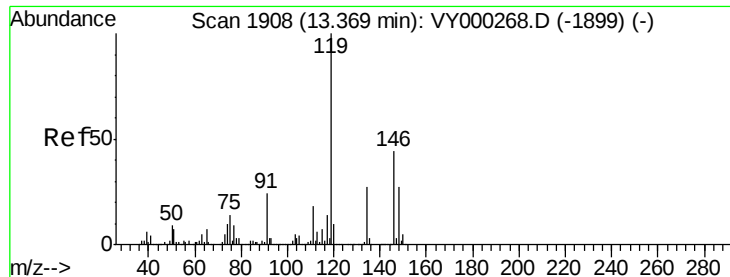
200000

100000

0

Time-->

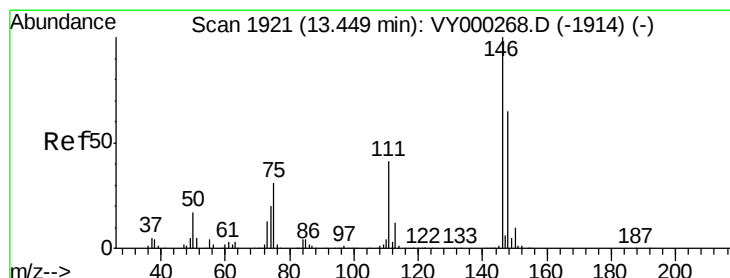
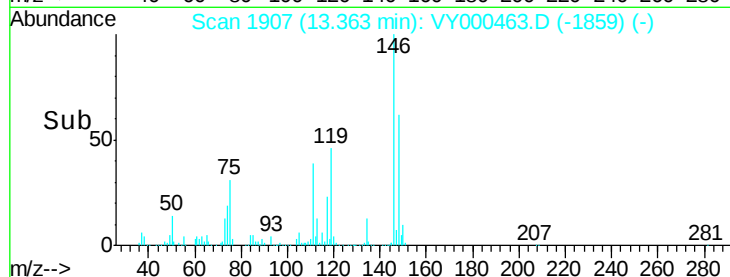
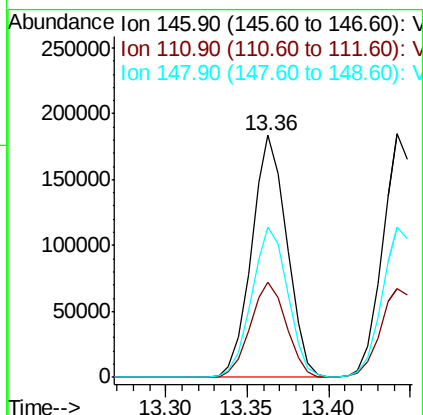
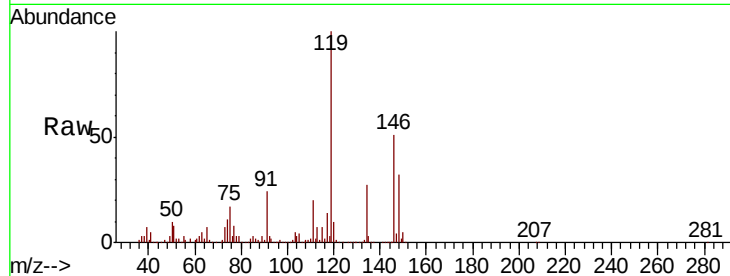




#87
 1,3-Dichlorobenzene
 Concen: 52.026 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

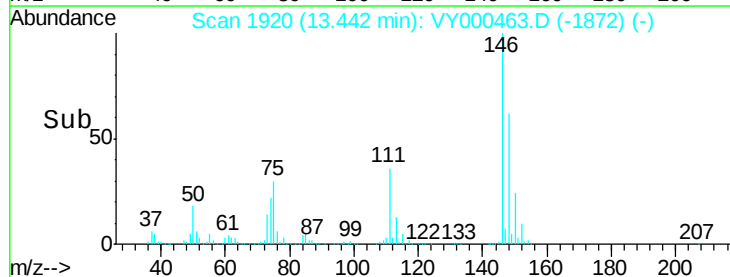
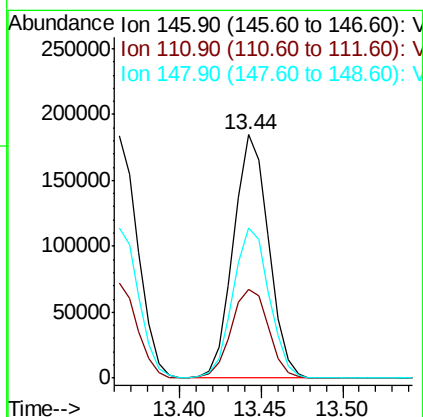
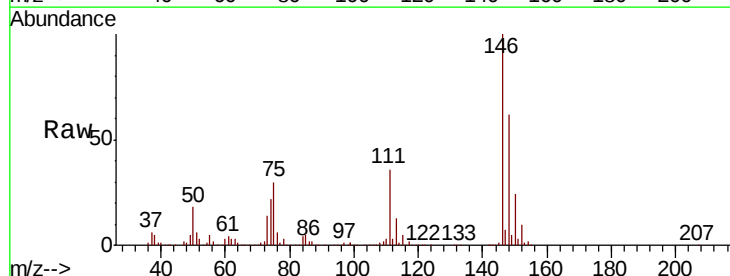
Instrument :
 MSVOA_Y
 ClientSampleId :

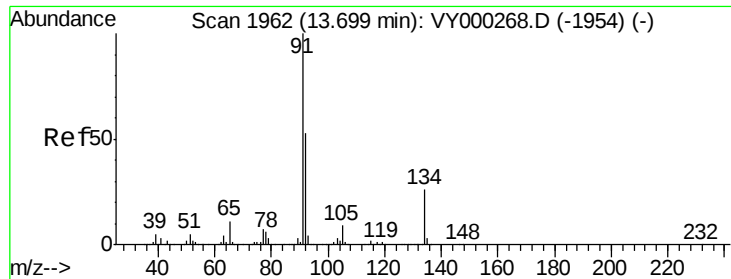
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.8
148	63.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.049 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.6	32.4	97.2

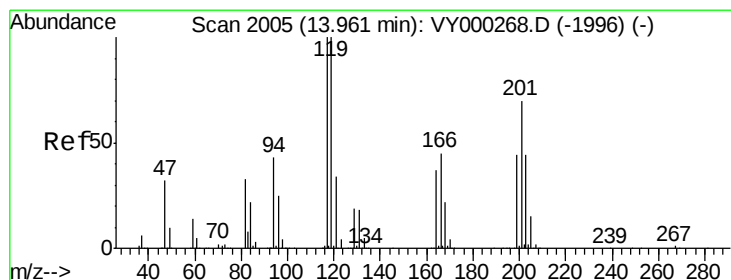
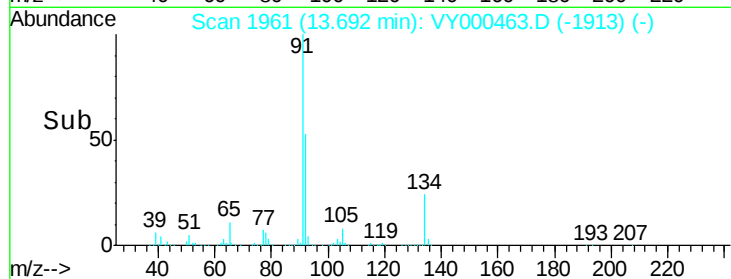
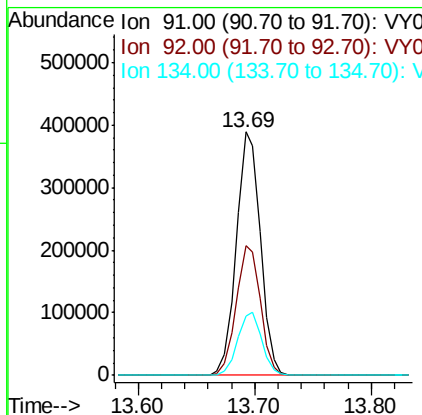
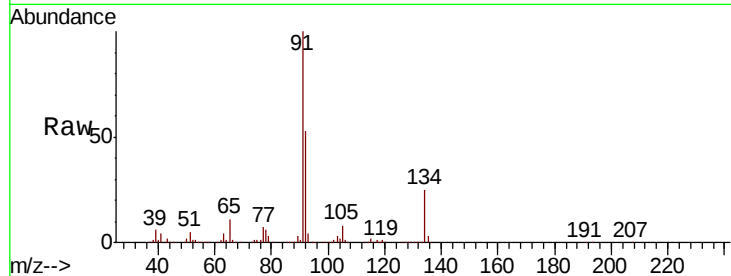




#89
n-Butylbenzene
Concen: 52.009 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

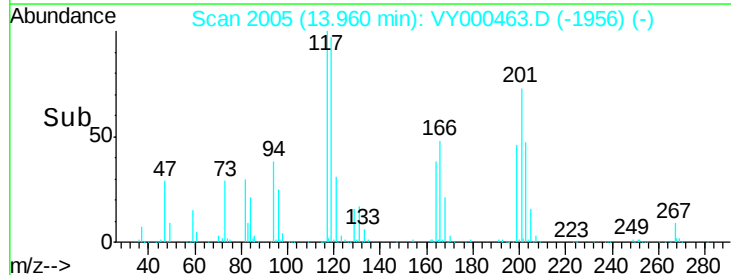
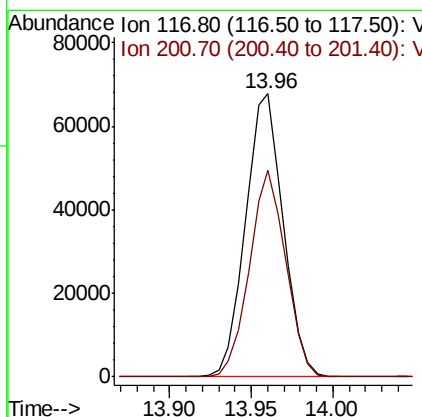
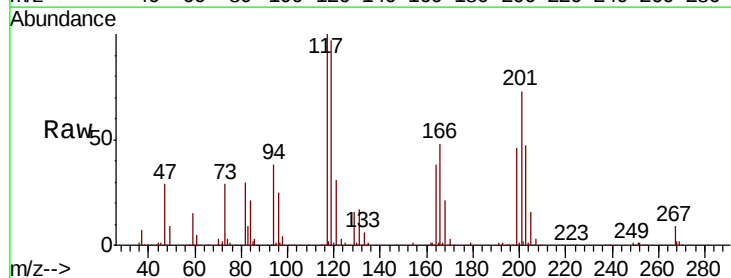
Instrument :
MSVOA_Y
ClientSampleId :

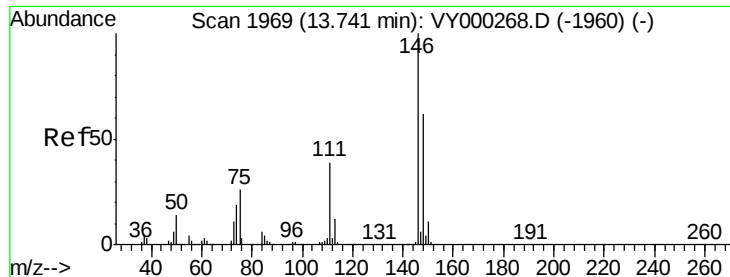
Tot Ion: 91 Resp: 559390
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 53.970 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 117 Resp: 108773
Ion Ratio Lower Upper
117 100
201 70.7 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 53.240 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampled :

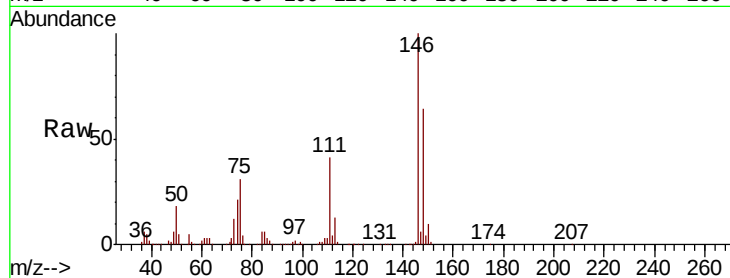
Tot Ion:146 Resp: 256729

Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.5

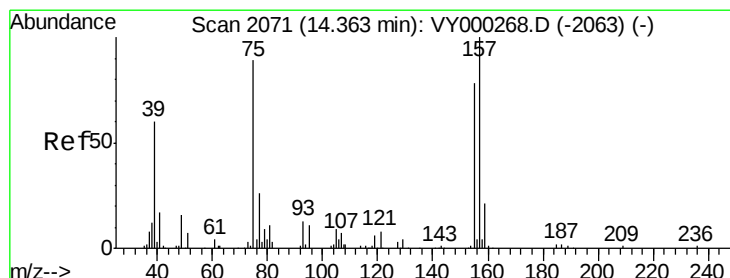
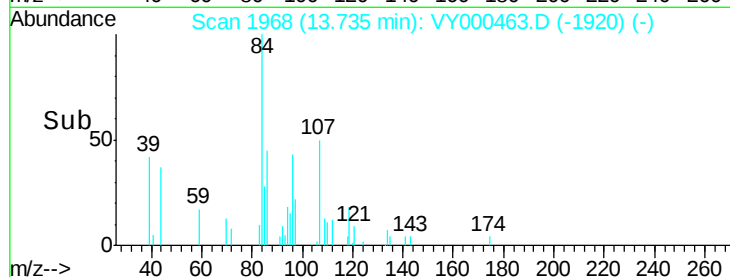
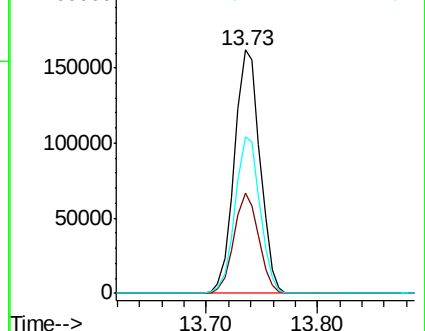
148 62.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.382 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

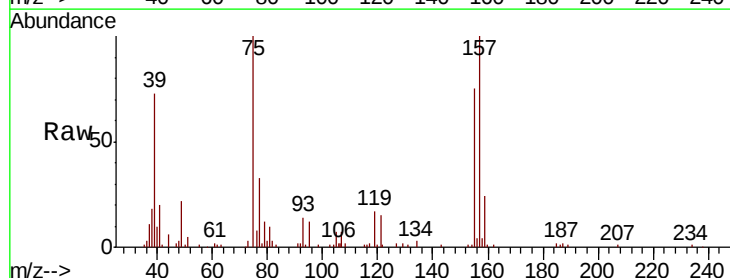
Tgt Ion: 75 Resp: 23102

Ion Ratio Lower Upper

75 100

155 82.3 45.8 137.3

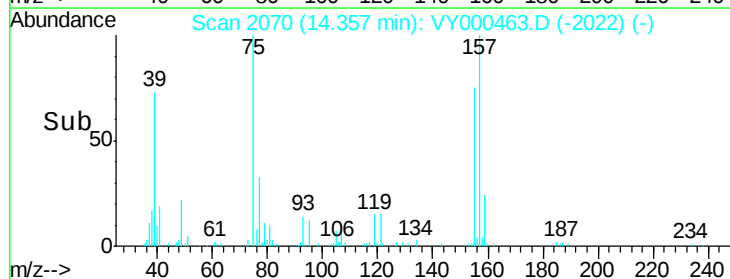
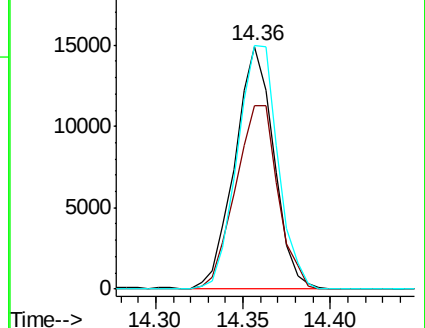
157 104.4 55.6 166.9

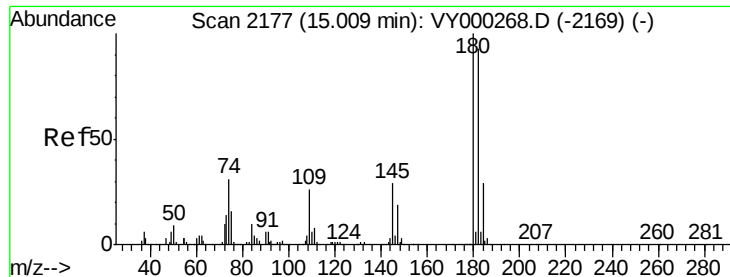


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

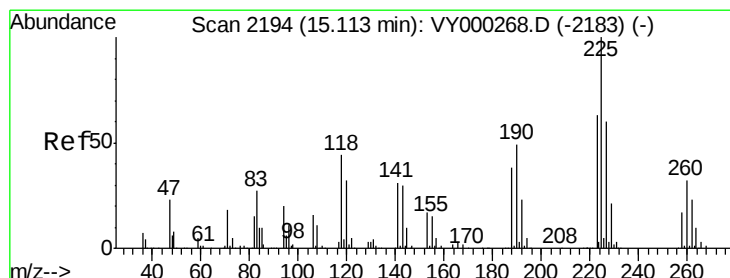
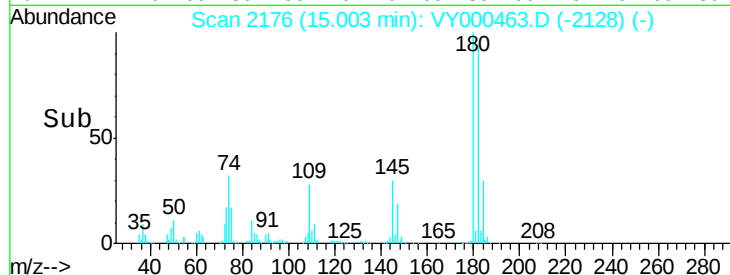
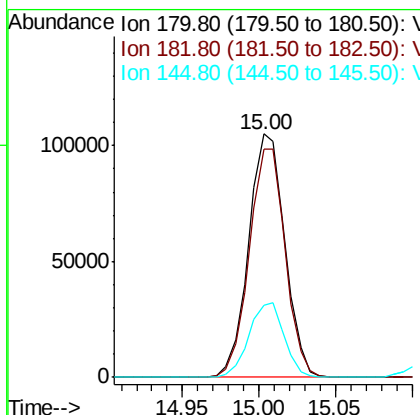
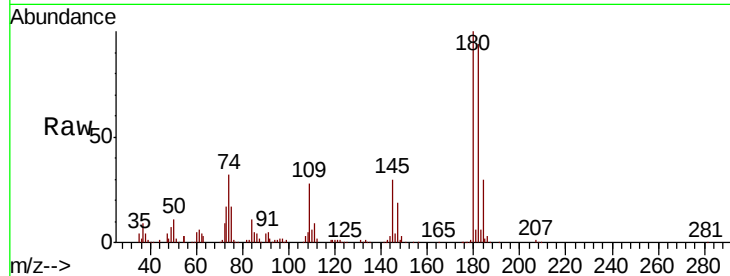




#93
 1,2,4-Trichlorobenzene
 Concen: 51.438 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

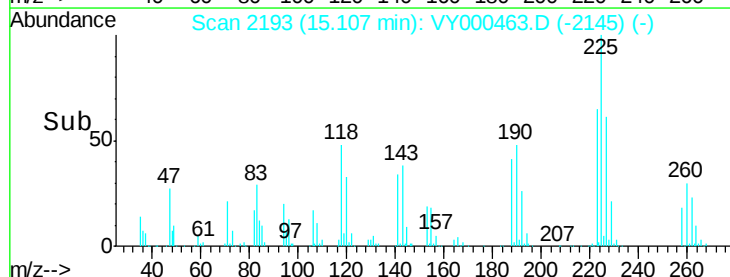
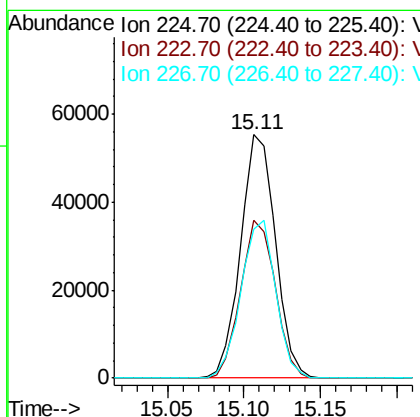
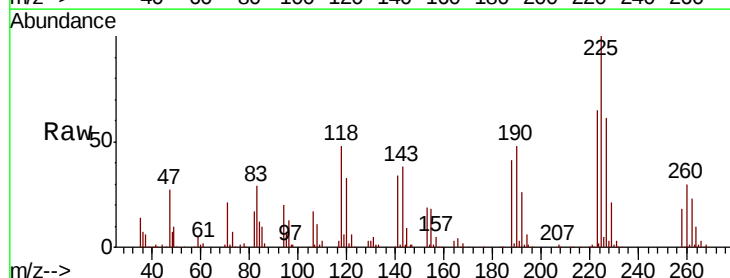
Instrument :
 MSVOA_Y
 ClientSampled :

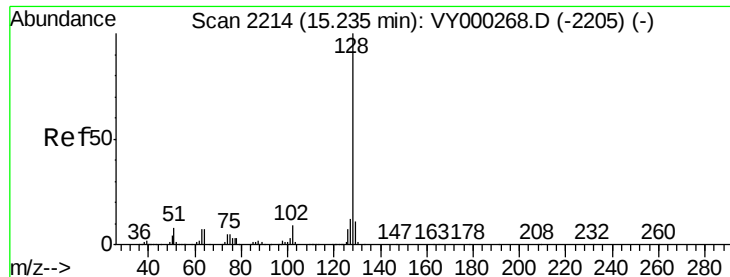
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.5	142.6
145	29.9	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 48.385 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.9	95.7
227	64.4	31.4	94.2





#95

Naphthalene

Concen: 51.529 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

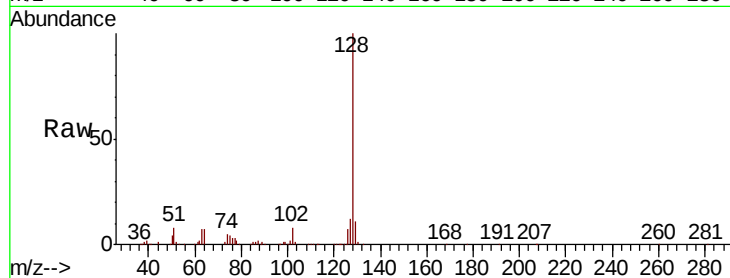
Tot Ion:128 Resp: 386068

Ion Ratio Lower Upper

128 100

127 12.2 9.6 14.4

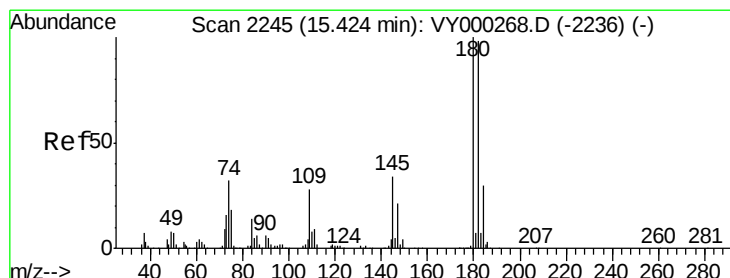
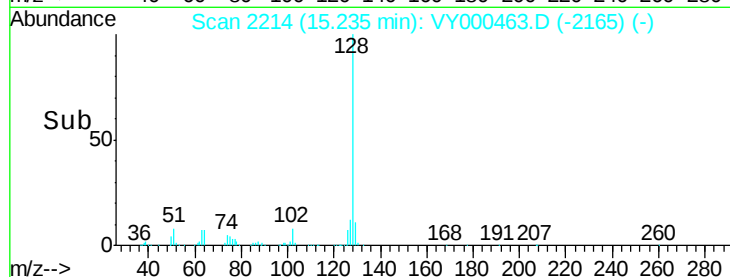
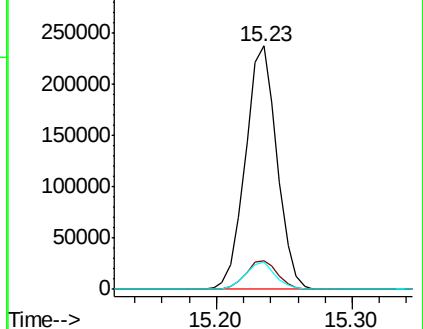
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.877 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

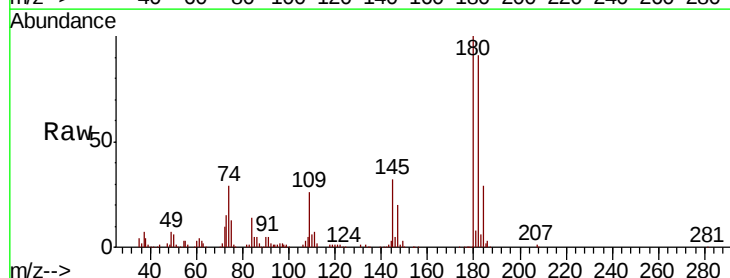
Tgt Ion:180 Resp: 153942

Ion Ratio Lower Upper

180 100

182 95.8 46.5 139.5

145 33.2 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

