

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000716.D
 Acq On : 15 Nov 2019 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:34:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	199944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125344	60.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.16%	
35) Dibromofluoromethane	7.72	113	106511	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.18	98	428732	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.48	95	157692	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	102543	52.099	ug/l	97
3) Chloromethane	2.11	50	136292	50.267	ug/l	97
4) Vinyl Chloride	2.25	62	129429	51.405	ug/l	97
5) Bromomethane	2.64	94	102330	67.775	ug/l	95
6) Chloroethane	2.79	64	85705	54.388	ug/l	98
7) Trichlorofluoromethane	3.13	101	188650	55.481	ug/l	98
8) Diethyl Ether	3.53	74	66683	55.192	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	113832	55.374	ug/l	94
10) Methyl Iodide	4.09	142	105275	39.616	ug/l	99
11) Tert butyl alcohol	4.97	59	57341	284.684	ug/l	98
12) 1,1-Dichloroethene	3.87	96	110411	55.282	ug/l	96
13) Acrolein	3.73	56	37673	214.725	ug/l	97
14) Allyl chloride	4.48	41	193129	59.468	ug/l	99
15) Acrylonitrile	5.17	53	186407	301.179	ug/l	99
16) Acetone	3.95	43	134412	235.693	ug/l	96
17) Carbon Disulfide	4.19	76	330488	52.465	ug/l	98
18) Methyl Acetate	4.48	43	107895	60.847	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	325032	58.532	ug/l	95
20) Methylene Chloride	4.72	84	130364	53.349	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	125738	55.688	ug/l	94
22) Diisopropyl ether	6.13	45	430388	60.972	ug/l	97
23) Vinyl Acetate	6.07	43	1352748	303.587	ug/l	99
24) 1,1-Dichloroethane	6.03	63	220605	57.689	ug/l	98
25) 2-Butanone	7.00	43	248120	272.618	ug/l	97
26) 2,2-Dichloropropane	6.99	77	183613	52.541	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	143905	58.286	ug/l	98
28) Bromochloromethane	7.34	49	99840	56.654	ug/l	93
29) Tetrahydrofuran	7.36	42	170152	305.596	ug/l	99
30) Chloroform	7.52	83	233453	60.348	ug/l	95
31) Cyclohexane	7.79	56	206135	51.466	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	194543	56.428	ug/l	98
36) 1,1-Dichloropropene	7.93	75	175353	53.665	ug/l	99
37) Ethyl Acetate	7.08	43	109380	56.383	ug/l	99
38) Carbon Tetrachloride	7.91	117	171094	54.417	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	221708	52.519	ug/l	94
40) Benzene	8.17	78	529981	55.323	ug/l	99
41) Methacrylonitrile	7.35	41	155679	143.850	ug/l #	58
42) 1,2-Dichloroethane	8.25	62	162012	59.627	ug/l	99
43) Isopropyl Acetate	8.28	43	213325	58.538	ug/l	97
44) Trichloroethene	8.94	130	138645	54.891	ug/l	90
45) 1,2-Dichloropropane	9.22	63	133431	56.592	ug/l	95
46) Dibromomethane	9.31	93	74370	57.354	ug/l	99
47) Bromodichloromethane	9.50	83	180829	58.773	ug/l	99
48) Methyl methacrylate	9.30	41	96372	60.525	ug/l	96
49) 1,4-Dioxane	9.30	88	21868	1253.085	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	580630	299.672	ug/l	99
52) Toluene	10.24	92	336285	55.523	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	192908	58.679	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	214845	57.046	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	107752	57.453	ug/l	94
56) Ethyl methacrylate	10.51	69	159754	60.099	ug/l	98
57) 1,3-Dichloropropane	10.79	76	192410	58.617	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	319441	265.815	ug/l	100
59) 2-Hexanone	10.83	43	394459	279.423	ug/l	99
60) Dibromochloromethane	10.99	129	124776	58.083	ug/l	99
61) 1,2-Dibromoethane	11.09	107	104387	57.887	ug/l	97
64) Tetrachloroethene	10.72	164	136877	51.604	ug/l	97
65) Chlorobenzene	11.52	112	354263	54.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	126528	56.095	ug/l	99
67) Ethyl Benzene	11.59	91	663925	55.467	ug/l	100
68) m/p-Xylenes	11.70	106	502451	108.456	ug/l	96
69) o-Xylene	12.03	106	239722	55.058	ug/l	98
70) Styrene	12.04	104	420675	56.424	ug/l	100
71) Bromoform	12.20	173	75180	57.949	ug/l #	97
73) Isopropylbenzene	12.33	105	654156	55.176	ug/l	98
74) N-amyl acetate	12.14	43	195601	57.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135593	57.762	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	181946	99.613	ug/l #	100
77) Bromobenzene	12.61	156	146051	54.324	ug/l	97
78) n-propylbenzene	12.67	91	782772	54.720	ug/l	100
79) 2-Chlorotoluene	12.75	91	446384	56.209	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	545394	55.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	45775	56.191	ug/l	97
82) 4-Chlorotoluene	12.85	91	460580	55.950	ug/l	100
83) tert-Butylbenzene	13.07	119	454816	53.947	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	555828	56.537	ug/l	98
85) sec-Butylbenzene	13.25	105	674212	56.130	ug/l	99
86) p-Isopropyltoluene	13.36	119	592292	55.327	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	285788	54.270	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	286066	54.363	ug/l	99
89) n-Butylbenzene	13.69	91	581967	55.118	ug/l	99
90) Hexachloroethane	13.95	117	110941	56.057	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	267321	55.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	23150	55.723	ug/l	96

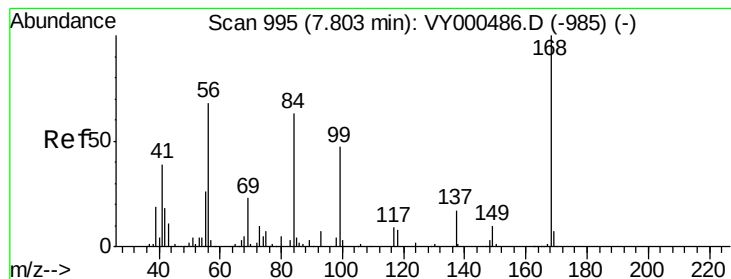
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	171741	52.791	ug/l	98
94) Hexachlorobutadiene	15.11	225	86616	51.650	ug/l	99
95) Naphthalene	15.23	128	386351	53.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	156344	53.567	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

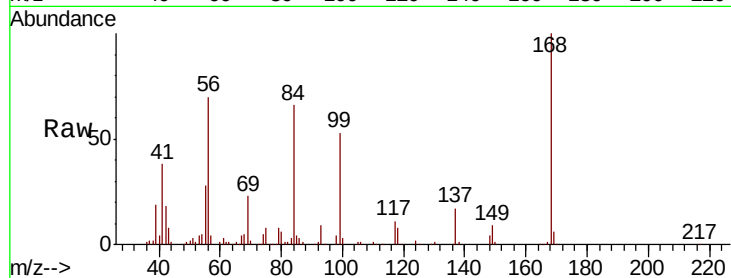
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 199944

Ion Ratio Lower Upper

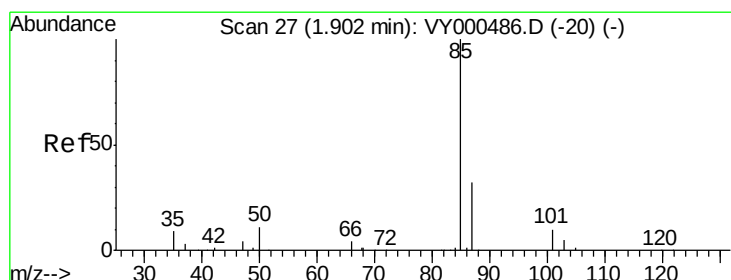
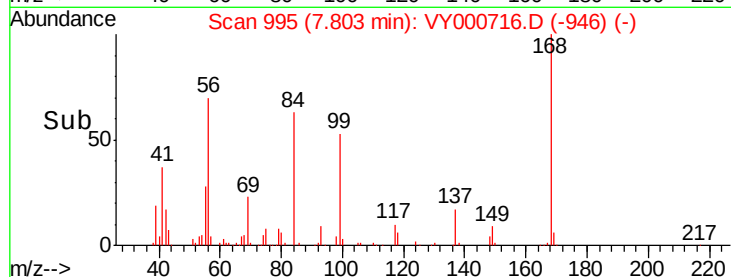
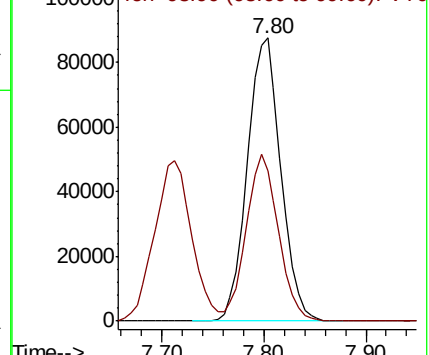
168 100

99 53.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000716.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000716.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 52.099 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000716.D

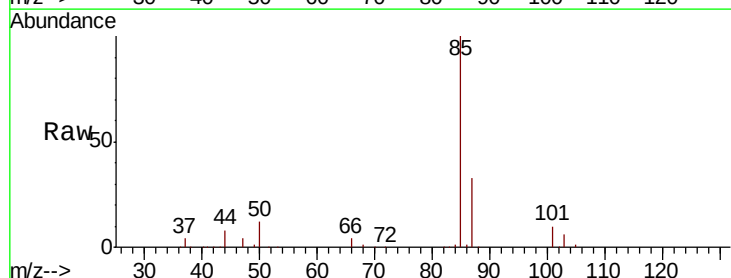
Acq: 15 Nov 2019 20:46

Tgt Ion: 85 Resp: 102543

Ion Ratio Lower Upper

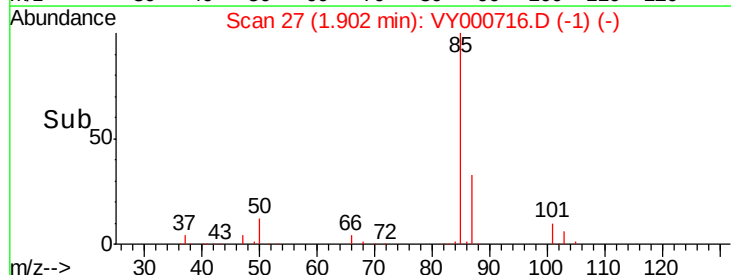
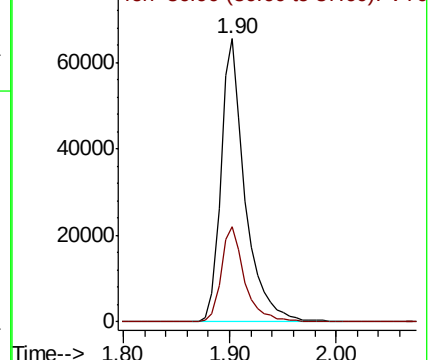
85 100

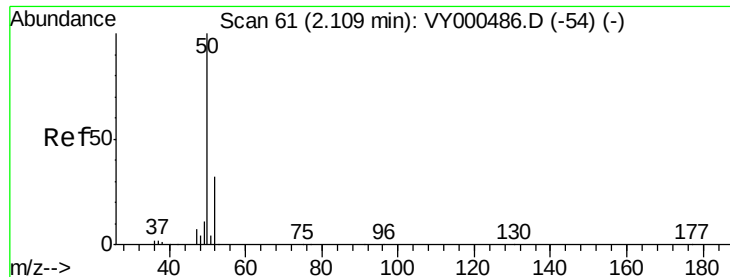
87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000716.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000716.D (-1) (-)





#3

Chloromethane

Concen: 50.267 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

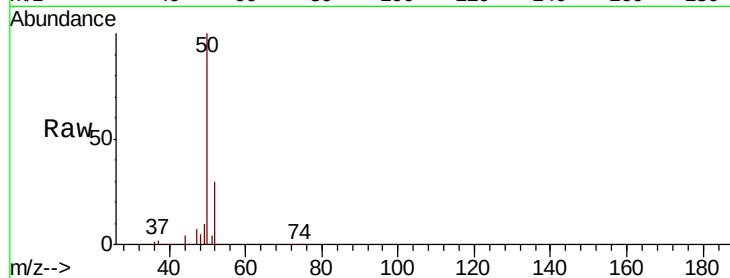
ClientSampleId :

Tot Ion: 50 Resp: 136292

Ion Ratio Lower Upper

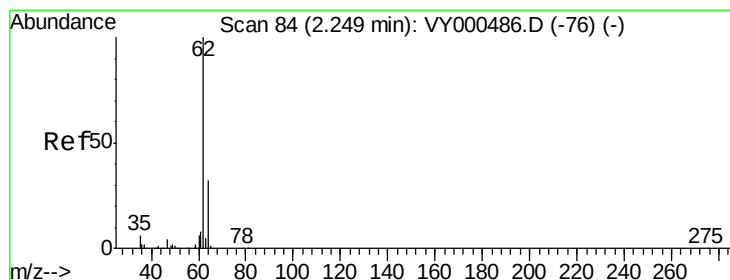
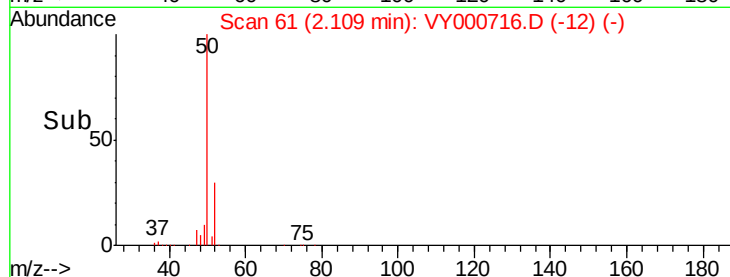
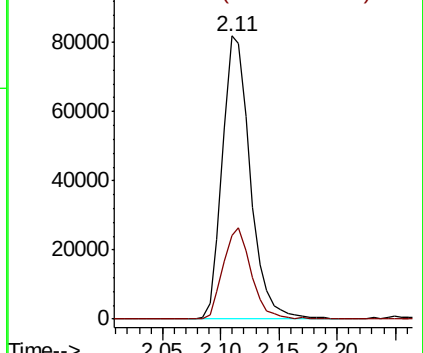
50 100

52 29.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.405 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000716.D

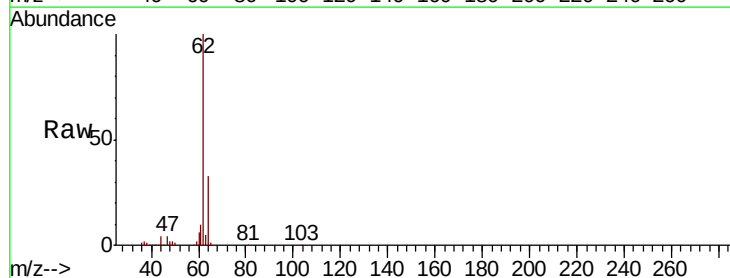
Acq: 15 Nov 2019 20:46

Tgt Ion: 62 Resp: 129429

Ion Ratio Lower Upper

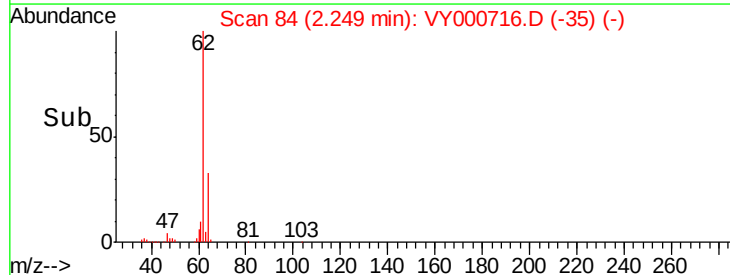
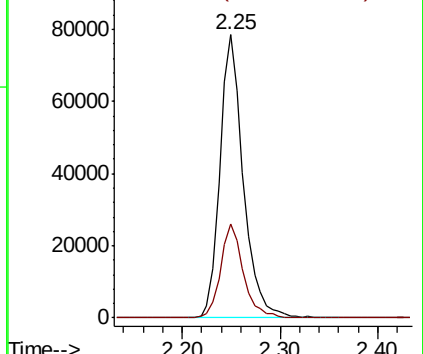
62 100

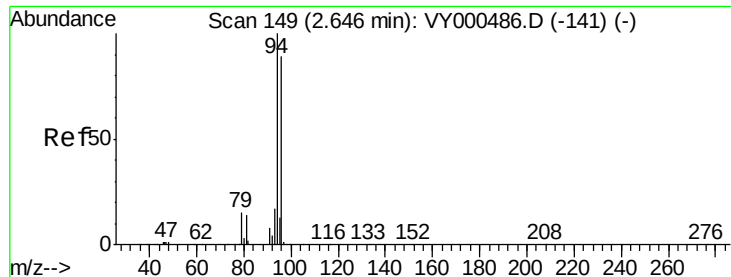
64 33.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 67.775 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

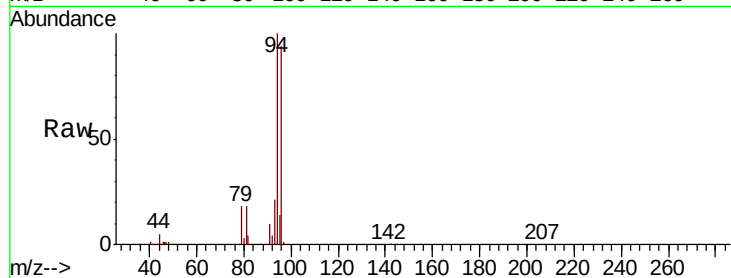
ClientSampleId :

Tot Ion: 94 Resp: 102330

Ion Ratio Lower Upper

94 100

96 94.1 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

40000

30000

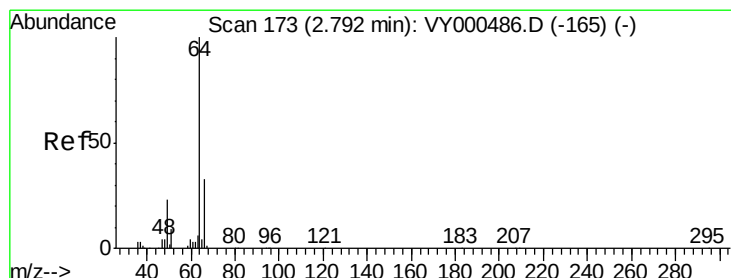
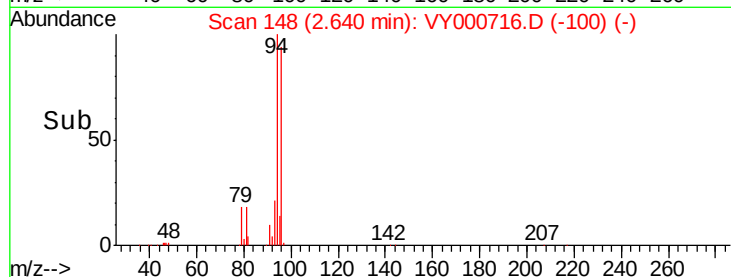
20000

10000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 54.388 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000716.D

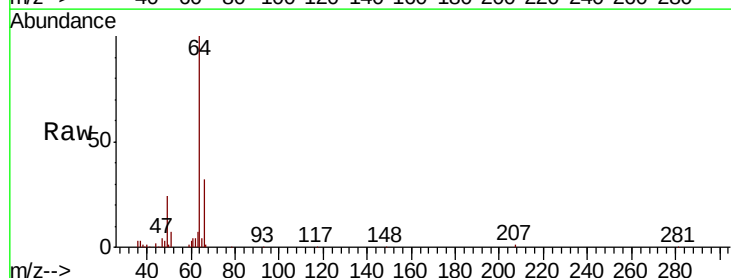
Acq: 15 Nov 2019 20:46

Tgt Ion: 64 Resp: 85705

Ion Ratio Lower Upper

64 100

66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

40000

30000

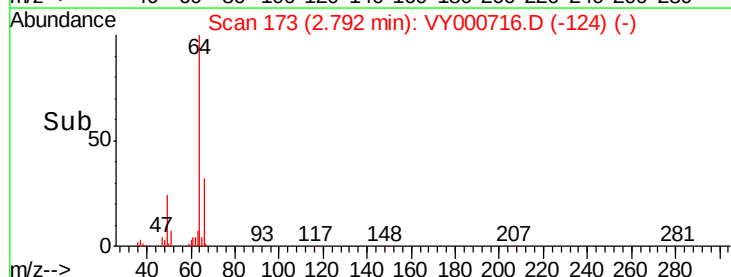
20000

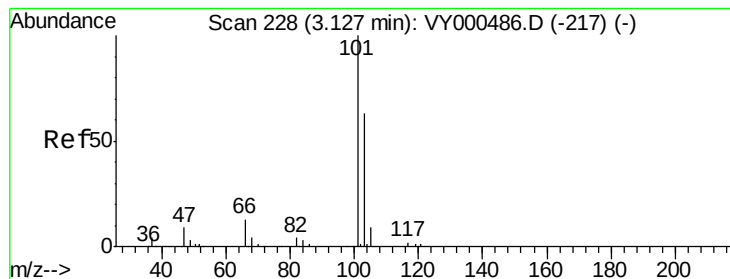
10000

0

2.70 2.80 2.90

Time-->



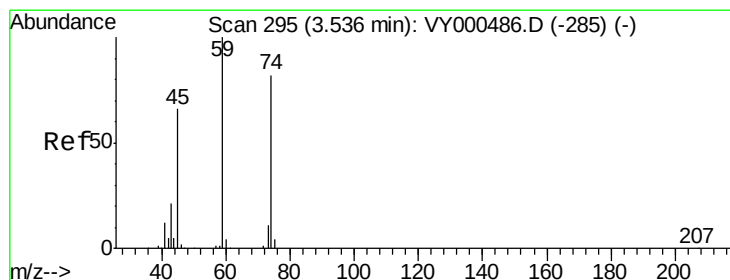
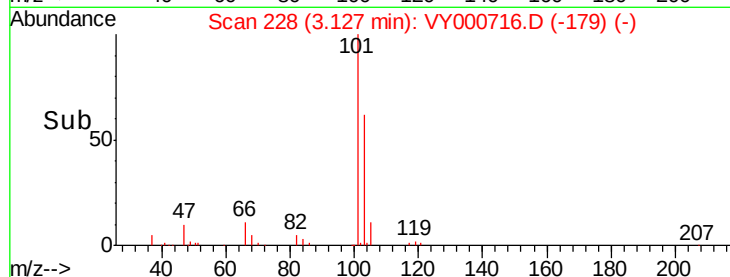
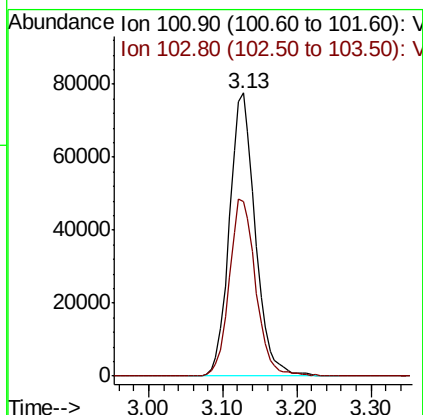
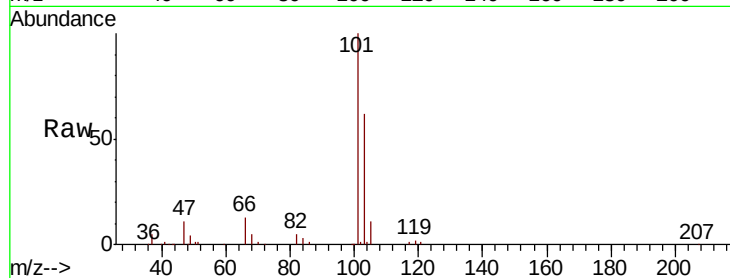


#7

Trichlorofluoromethane
 Concen: 55.481 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Instrument :
 MSVOA_Y
 ClientSampleId :

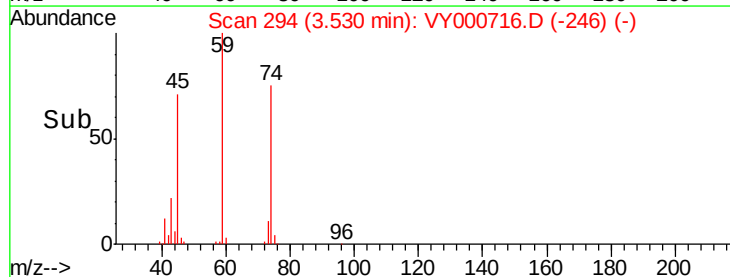
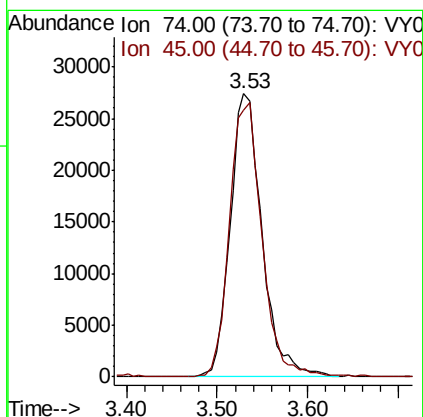
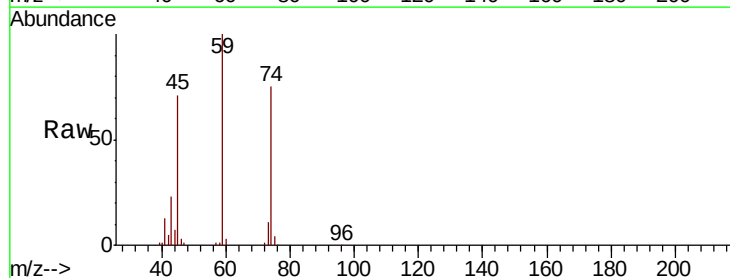
Tot Ion:101 Resp: 188650
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.5 75.7

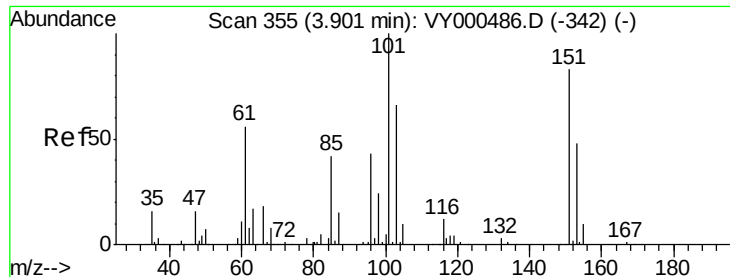


#8

Diethyl Ether
 Concen: 55.192 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 74 Resp: 66683
 Ion Ratio Lower Upper
 74 100
 45 98.7 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.374 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampleId :

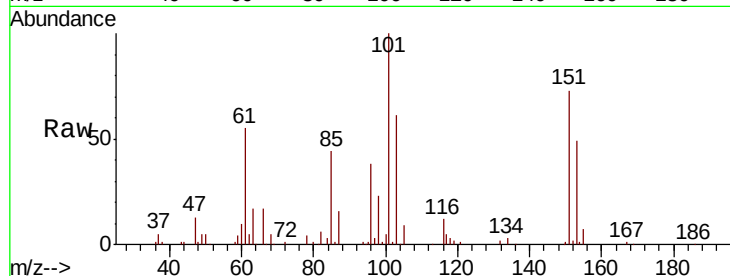
Tot Ion:101 Resp: 113832

Ion Ratio Lower Upper

101 100

85 44.6 36.7 55.1

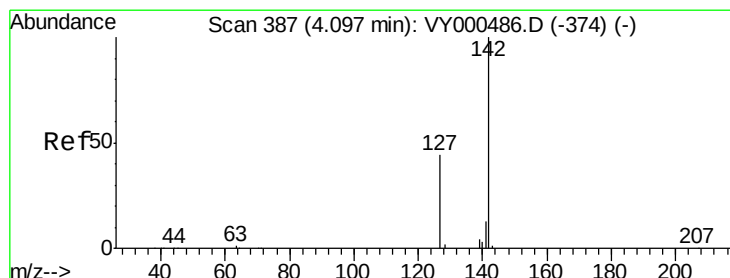
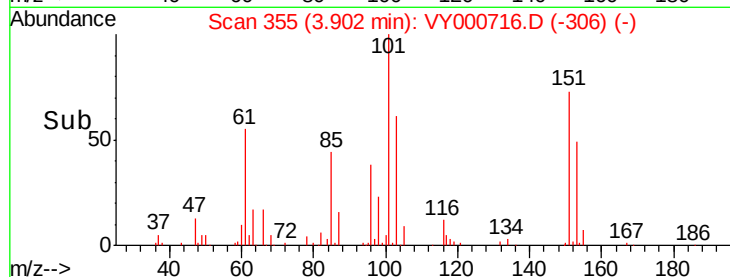
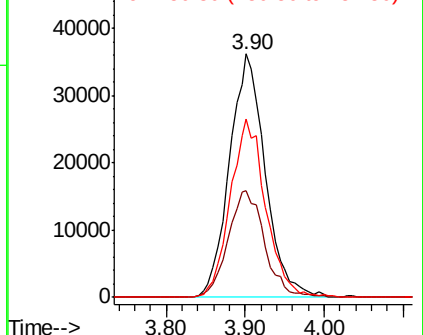
151 72.9 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.616 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

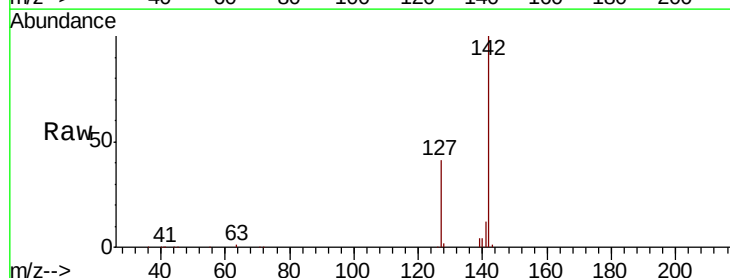
Tgt Ion:142 Resp: 105275

Ion Ratio Lower Upper

142 100

127 41.6 33.7 50.5

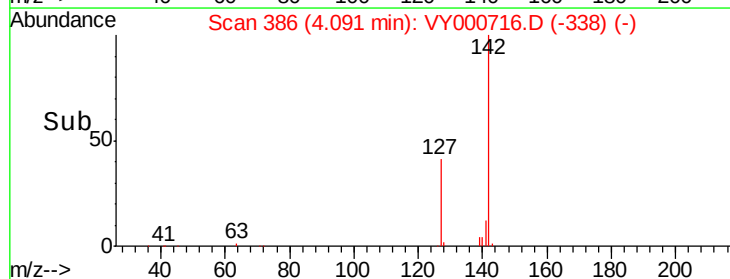
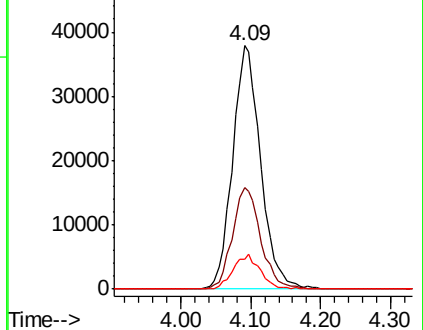
141 13.7 10.9 16.3

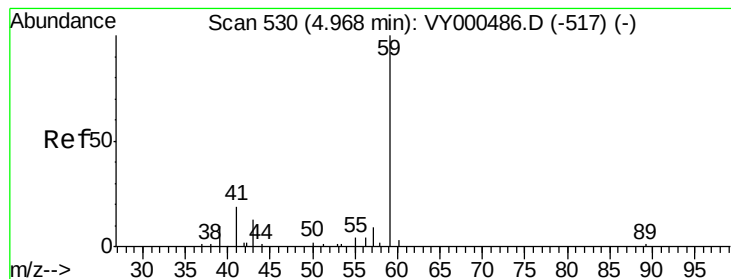


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



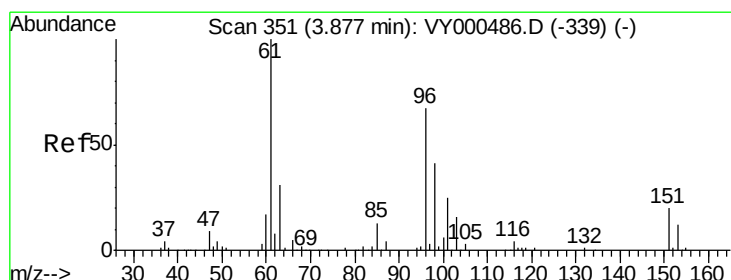
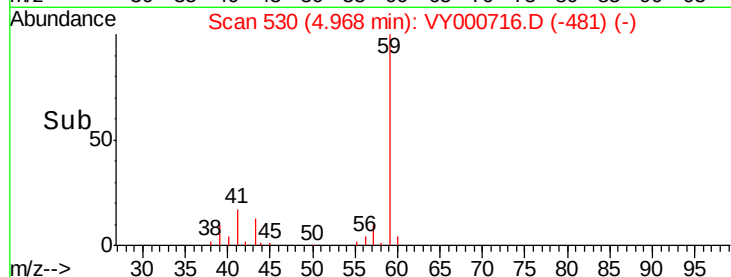
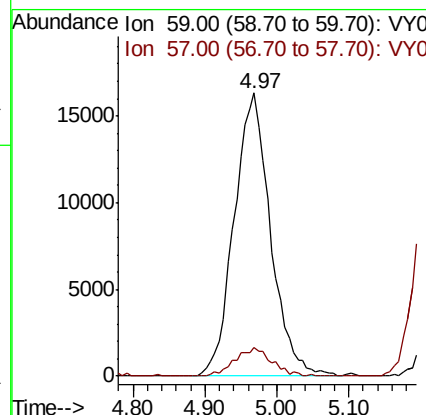
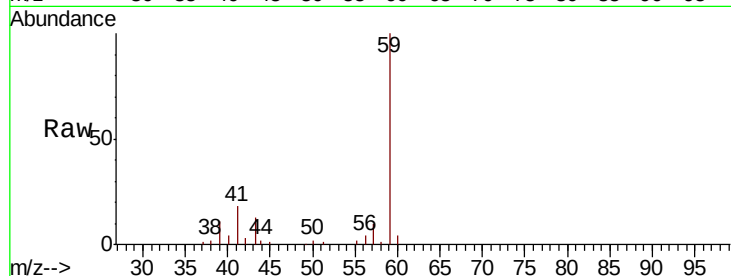


#11

Tert butyl alcohol
 Concen: 284.684 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Instrument :
 MSVOA_Y
 ClientSampleId :

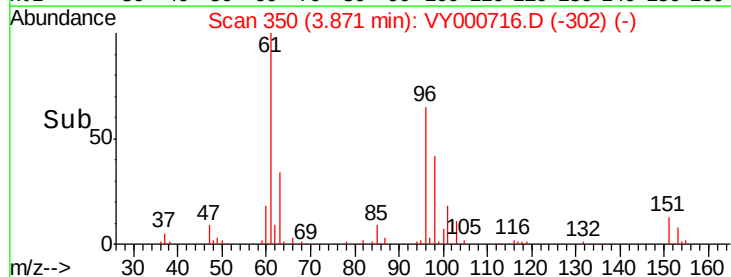
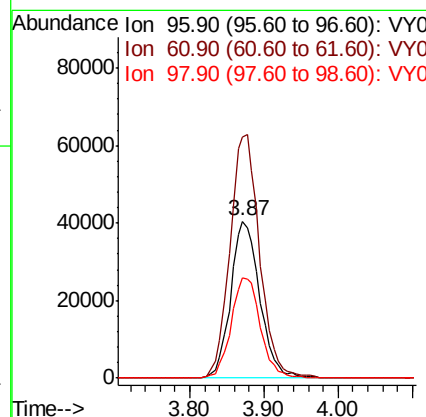
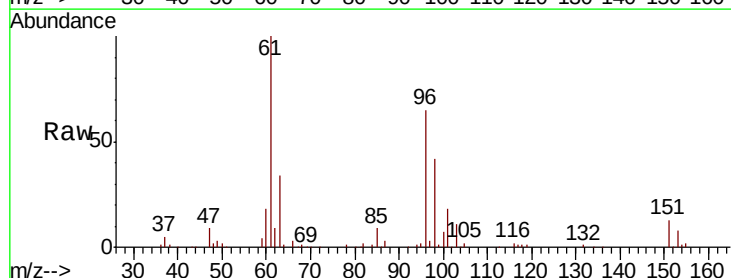
Tot Ion: 59 Resp: 57341
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

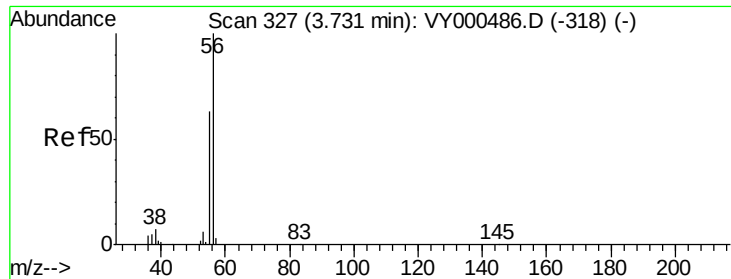


#12

1,1-Dichloroethene
 Concen: 55.282 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 96 Resp: 110411
 Ion Ratio Lower Upper
 96 100
 61 153.9 119.2 178.8
 98 64.3 48.6 73.0





#13

Acrolein

Concen: 214.725 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

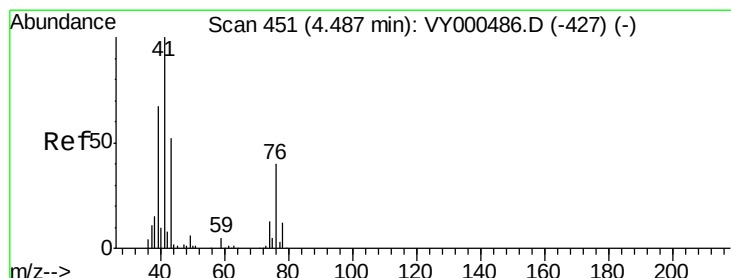
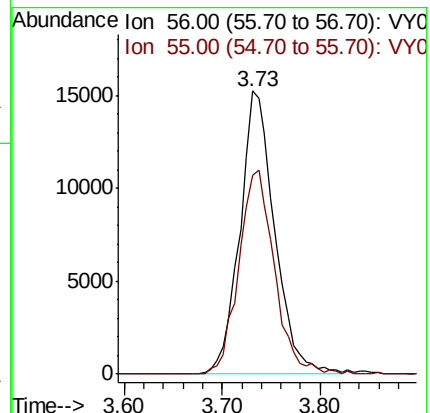
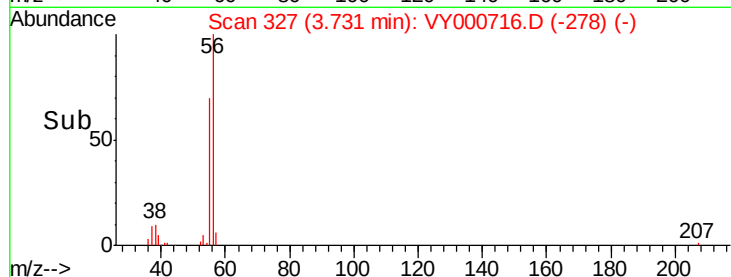
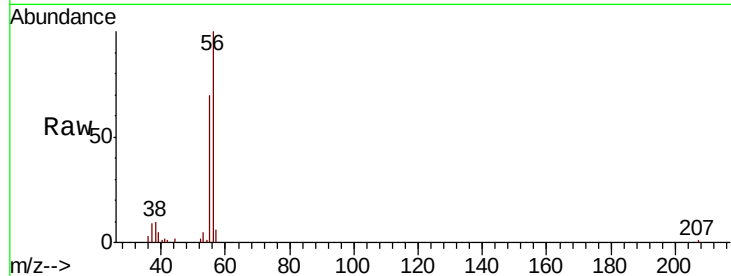
ClientSampleId :

Tot Ion: 56 Resp: 37673

Ion Ratio Lower Upper

56 100

55 73.8 57.0 85.6



#14

Allyl chloride

Concen: 59.468 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

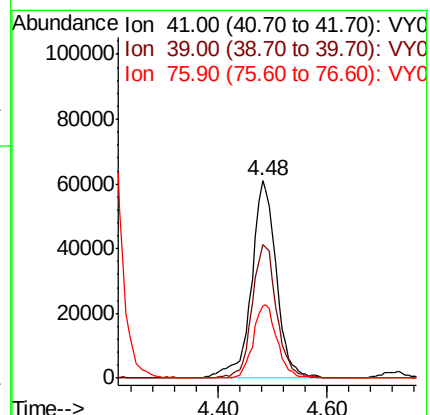
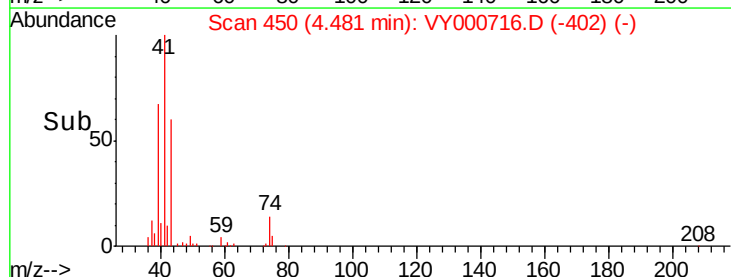
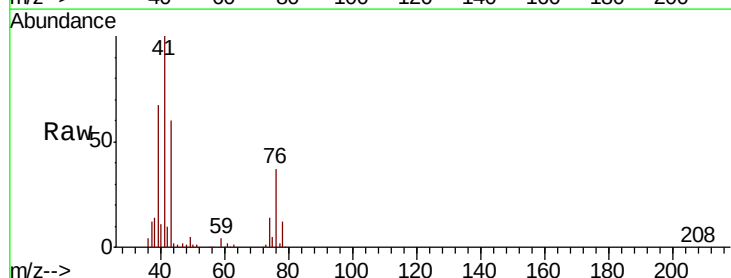
Tgt Ion: 41 Resp: 193129

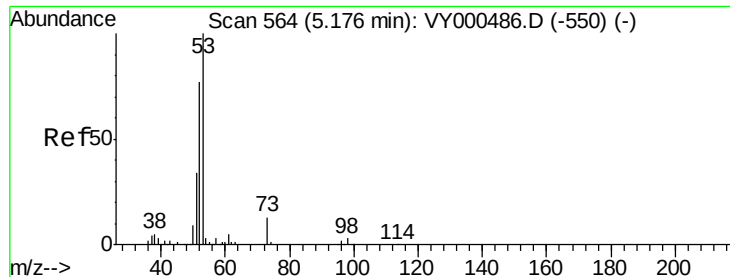
Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 35.6 29.8 44.6





#15

Acrylonitrile

Concen: 301.179 ug/l

RT: 5.17 min Scan# 563

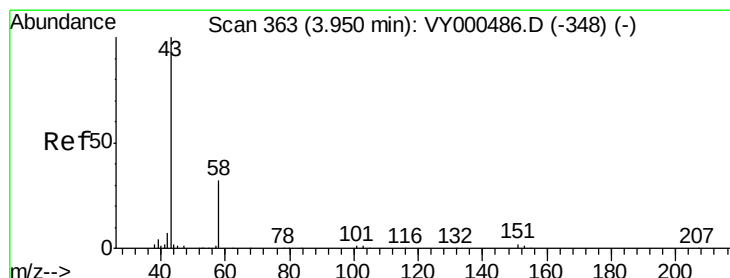
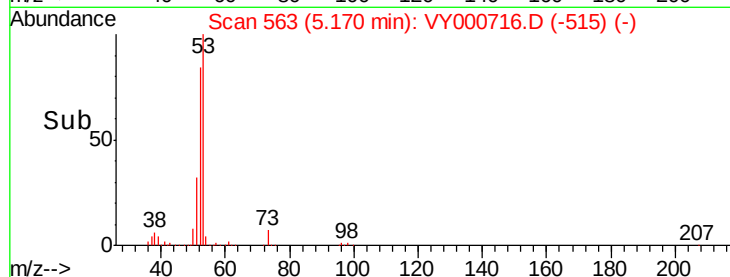
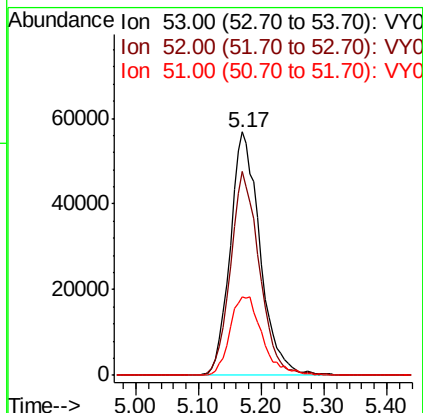
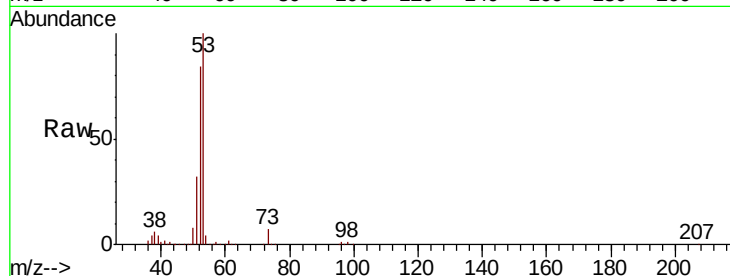
Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	186407
Ion	Ratio	Lower	Upper
53	100		
52	81.4	64.9	97.3
51	35.3	27.6	41.4



#16

Acetone

Concen: 235.693 ug/l

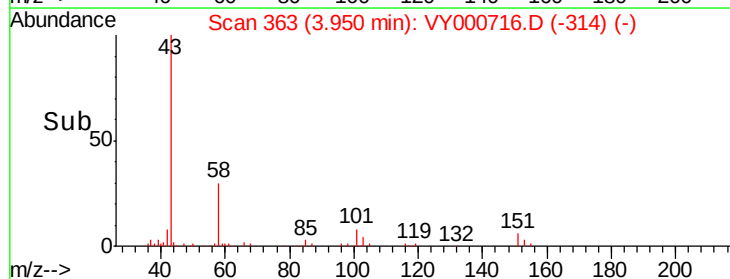
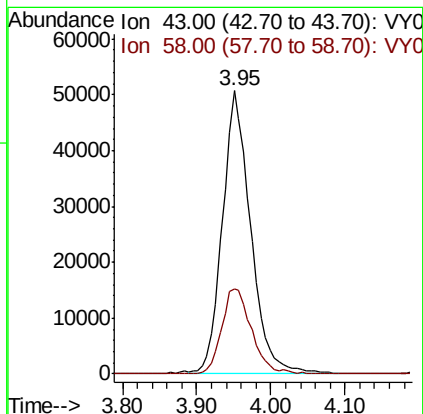
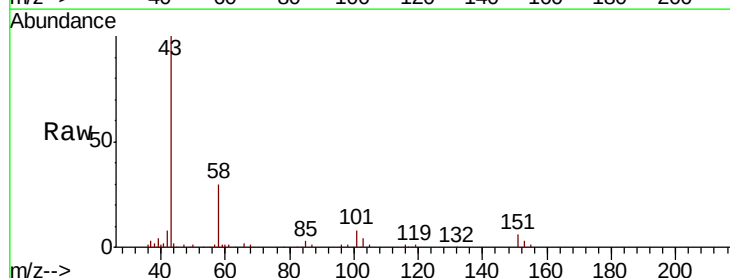
RT: 3.95 min Scan# 363

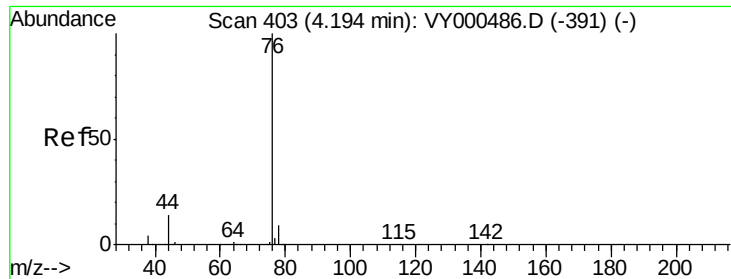
Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Tgt Ion:	43	Resp:	134412
Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.8	38.6

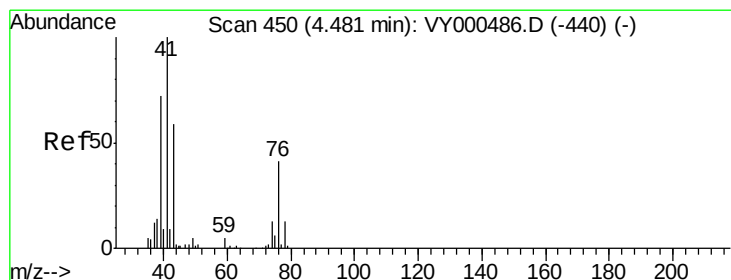
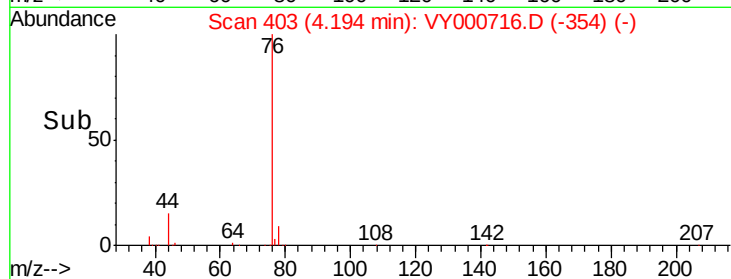
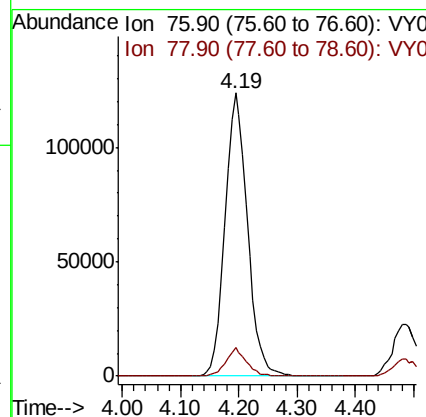
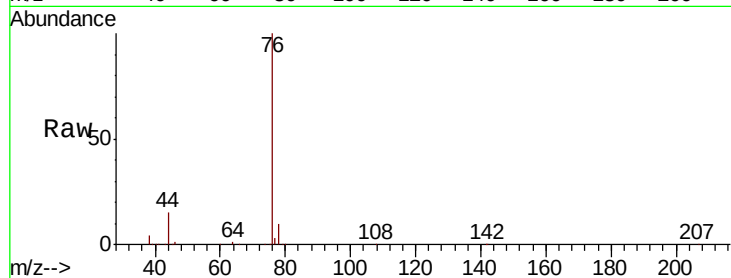




#17
Carbon Disulfide
Concen: 52.465 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

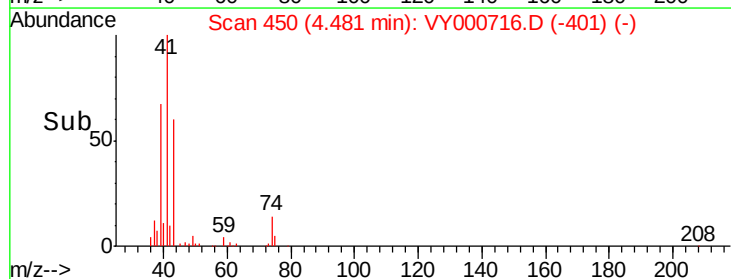
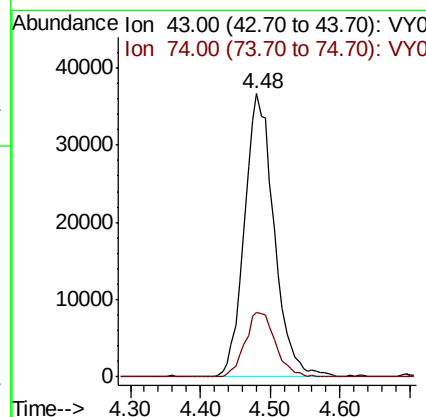
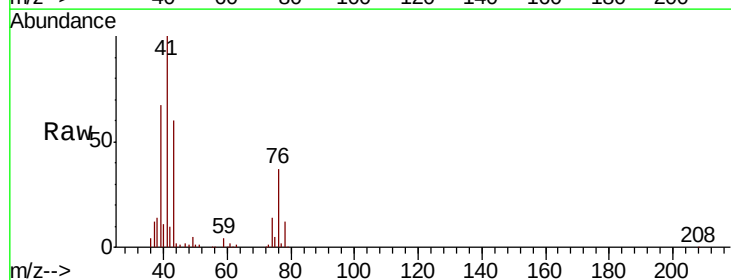
Instrument :
MSVOA_Y
ClientSampled :

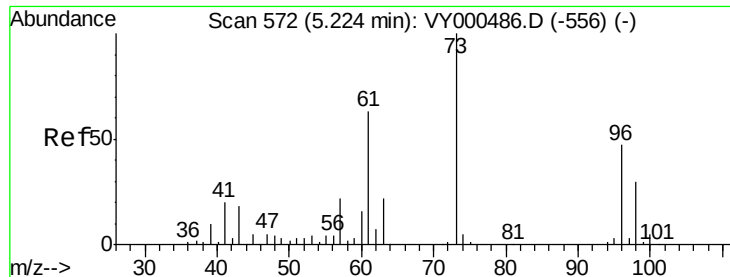
Tot Ion: 76 Resp: 330488
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 60.847 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 43 Resp: 107895
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

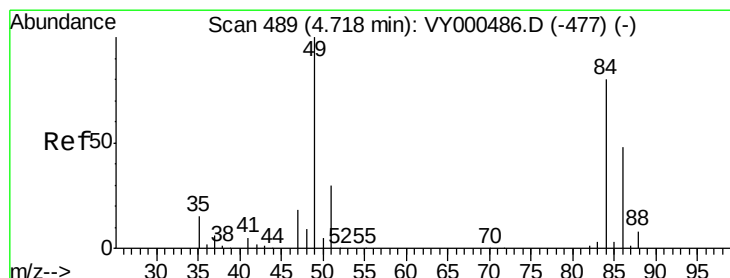
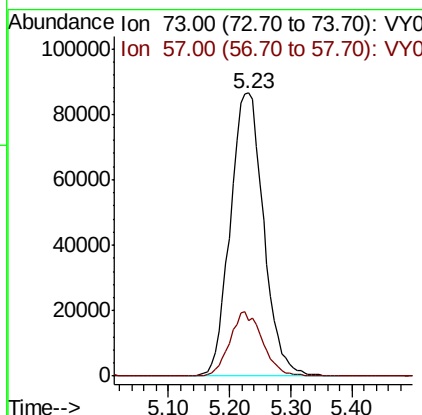
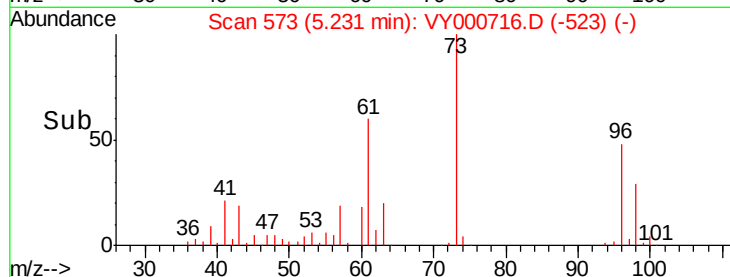
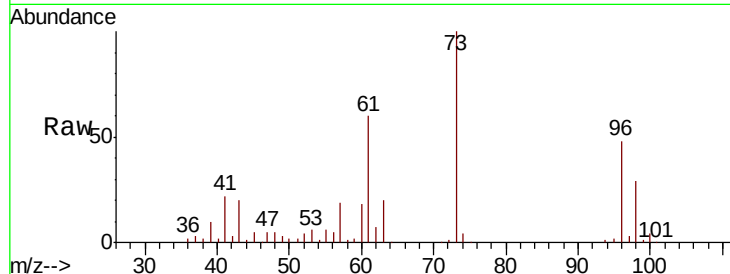




#19
Methyl tert-butyl Ether
Concen: 58.532 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

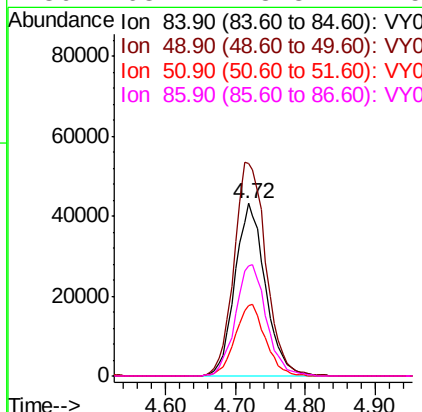
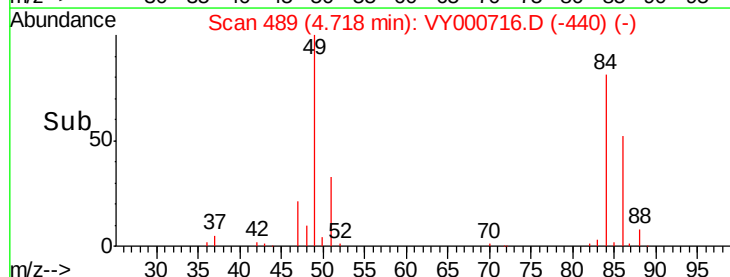
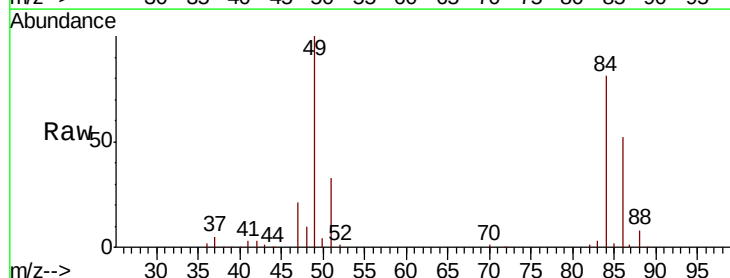
Instrument :
MSVOA_Y
ClientSampled :

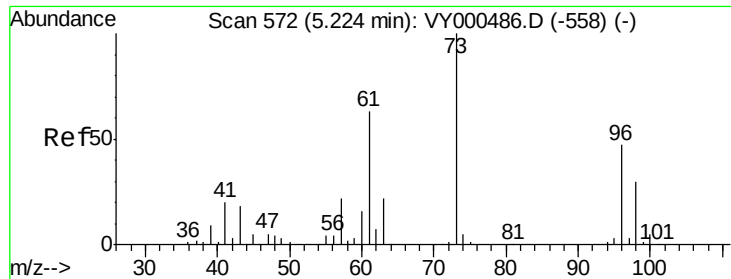
Tot Ion: 73 Resp: 325032
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.0



#20
Methylene Chloride
Concen: 53.349 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 84 Resp: 130364
Ion Ratio Lower Upper
84 100
49 123.0 100.2 150.4
51 40.5 29.6 44.4
86 63.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 55.688 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampled :

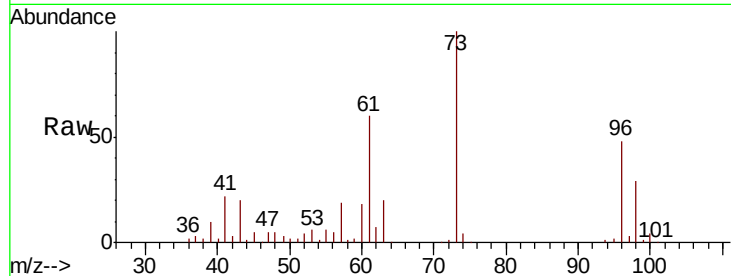
Tot Ion: 96 Resp: 125738

Ion Ratio Lower Upper

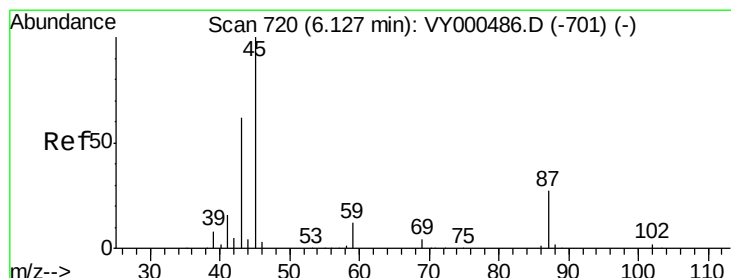
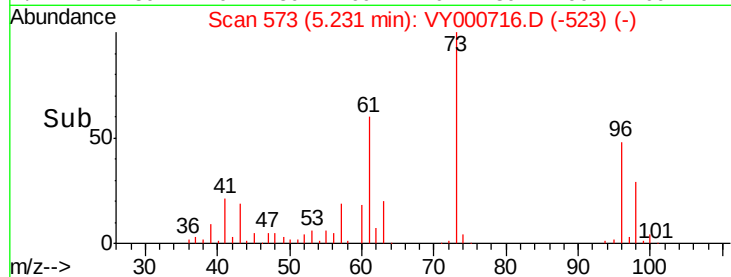
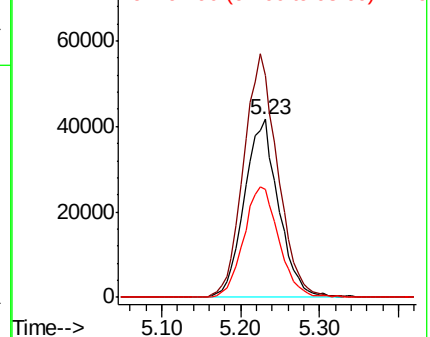
96 100

61 124.7 106.6 160.0

98 60.4 50.6 76.0



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



#22

Diisopropyl ether

Concen: 60.972 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Tgt Ion: 45 Resp: 430388

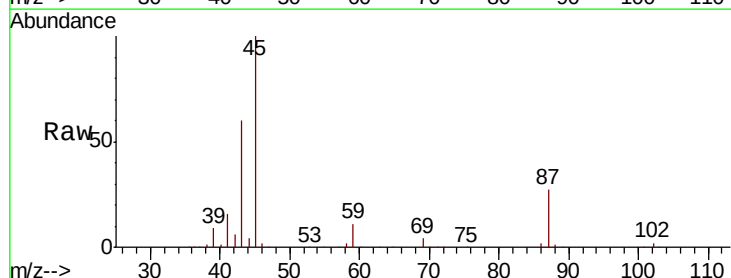
Ion Ratio Lower Upper

45 100

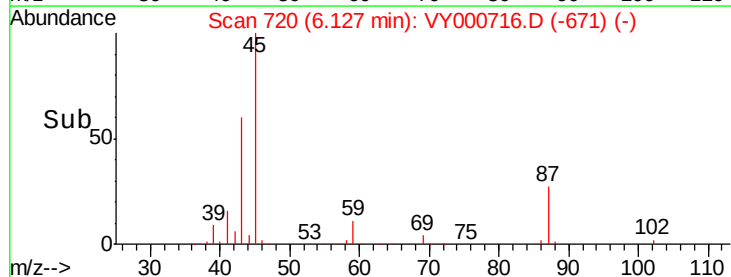
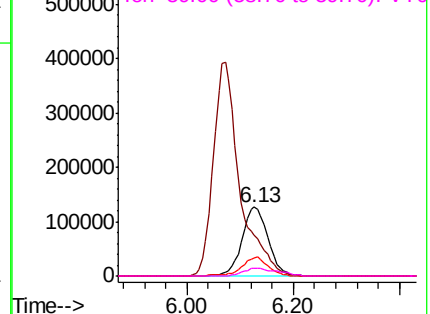
43 59.5 50.0 75.0

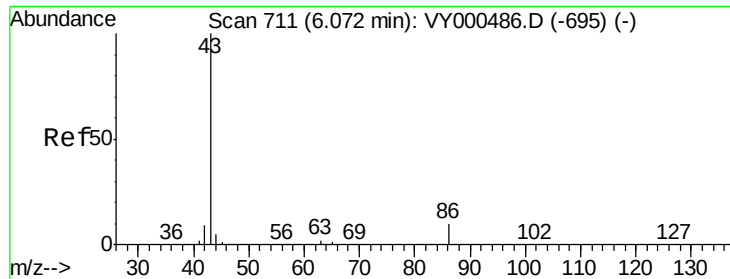
87 26.9 21.6 32.4

59 11.0 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 303.587 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

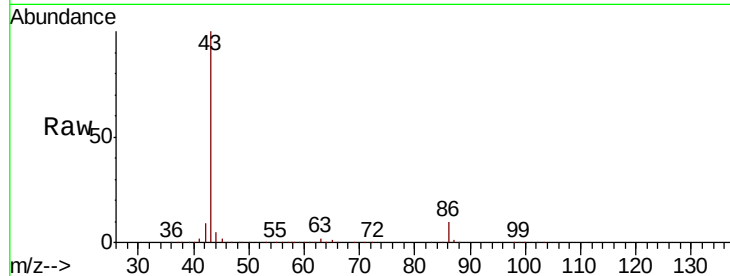
ClientSampleId :

Tot Ion: 43 Resp: 1352748

Ion Ratio Lower Upper

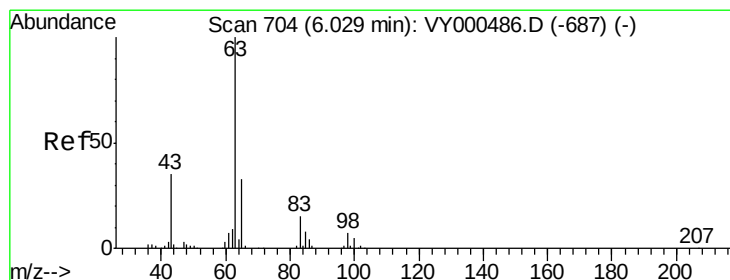
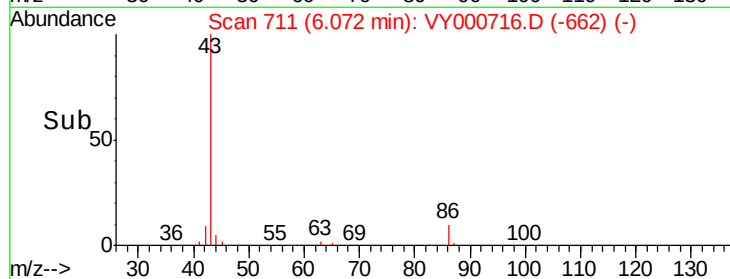
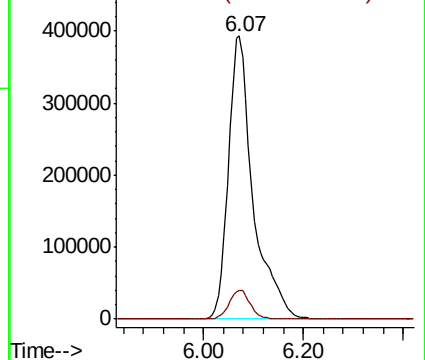
43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 57.689 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

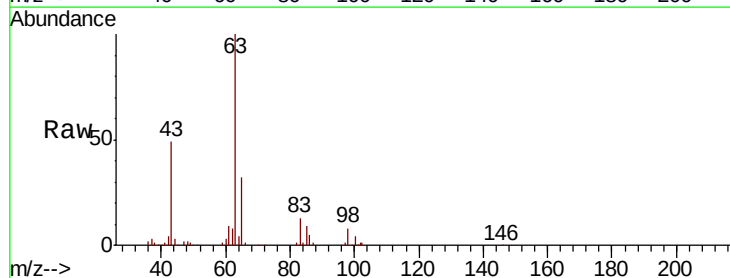
Tgt Ion: 63 Resp: 220605

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

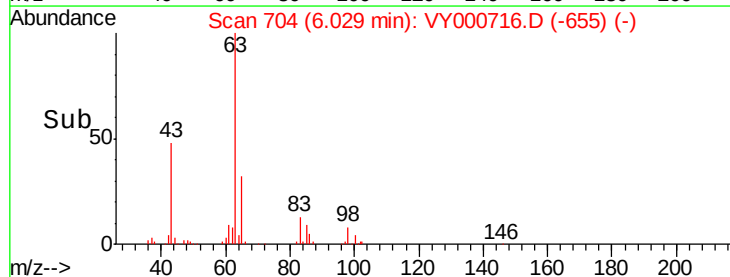
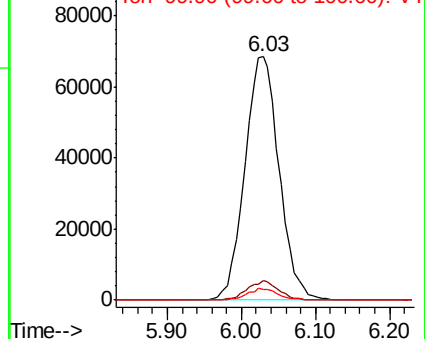
100 4.4 2.4 7.1

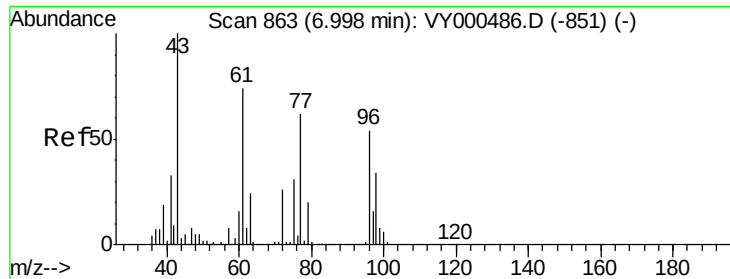


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 272.618 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

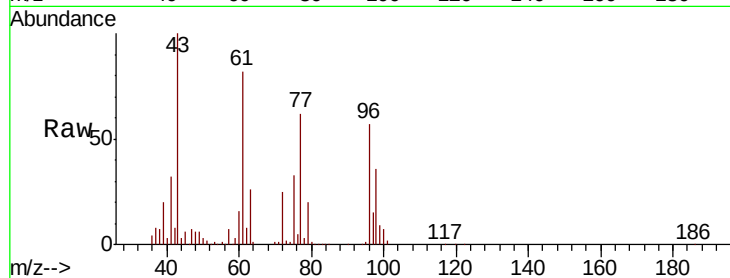
ClientSampled :

Tot Ion: 43 Resp: 248120

Ion Ratio Lower Upper

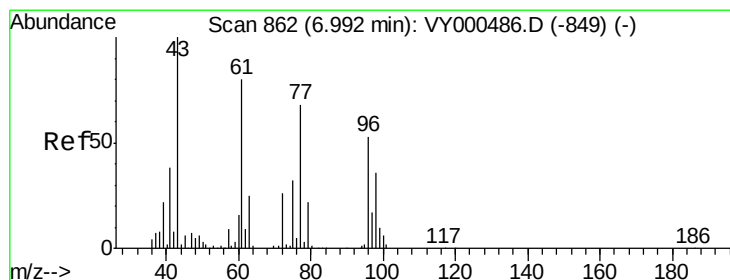
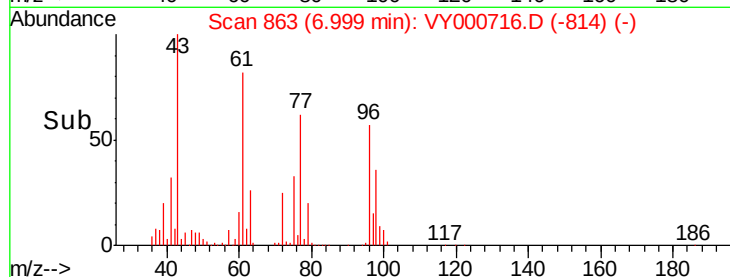
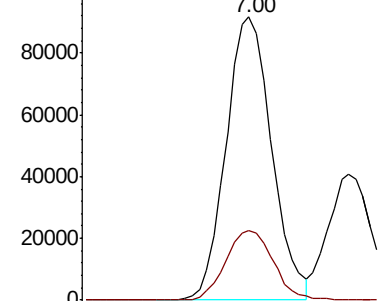
43 100

72 24.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 52.541 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000716.D

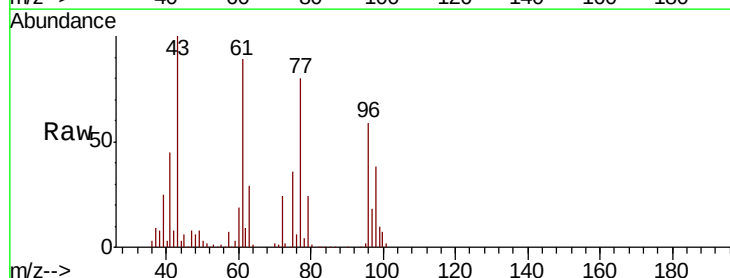
Acq: 15 Nov 2019 20:46

Tgt Ion: 77 Resp: 183613

Ion Ratio Lower Upper

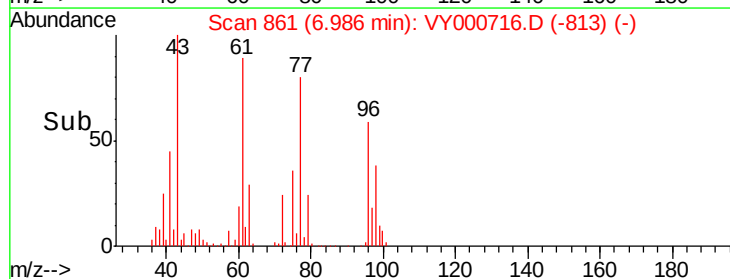
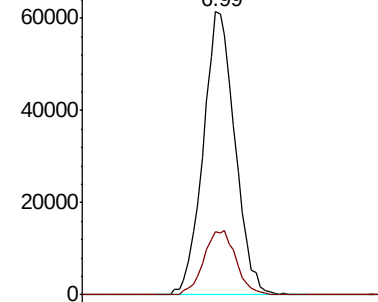
77 100

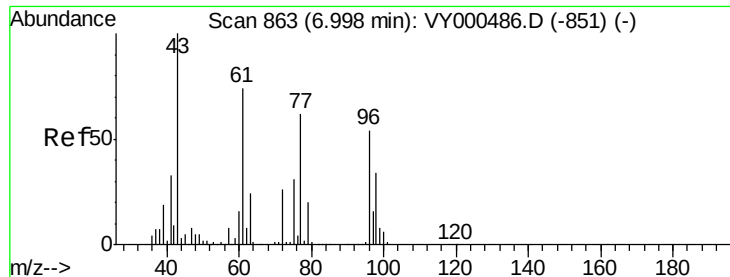
97 23.0 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



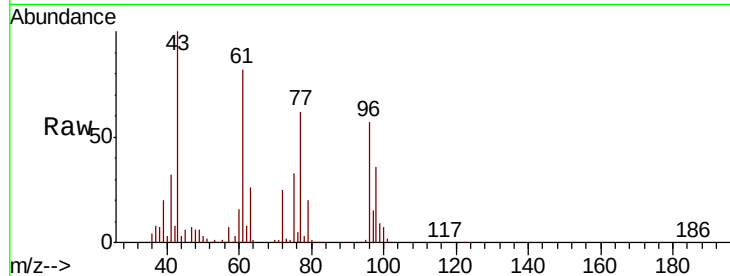


#27

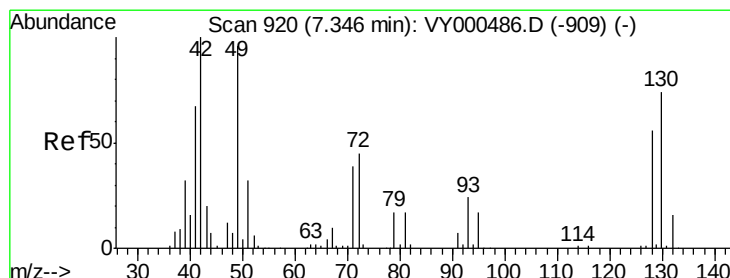
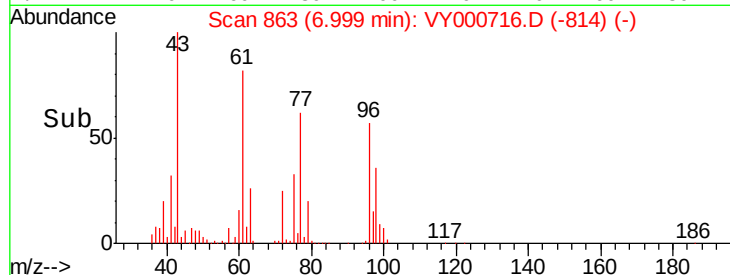
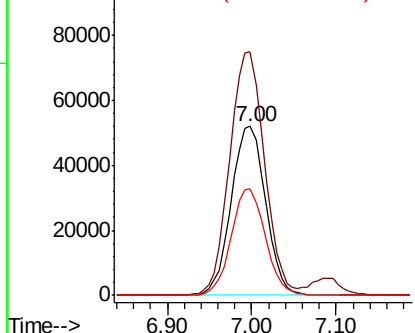
cis-1,2-Dichloroethene
Concen: 58.286 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 143905
Ion Ratio Lower Upper
96 100
61 145.8 0.0 287.0
98 62.5 0.0 129.4



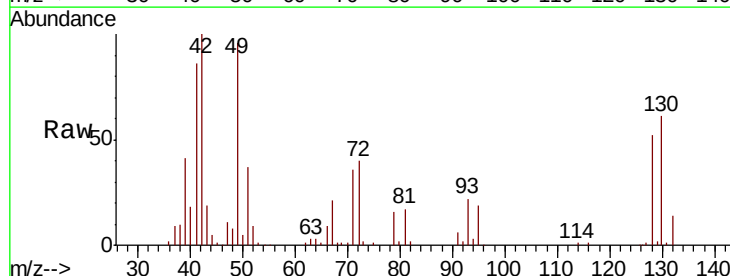
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



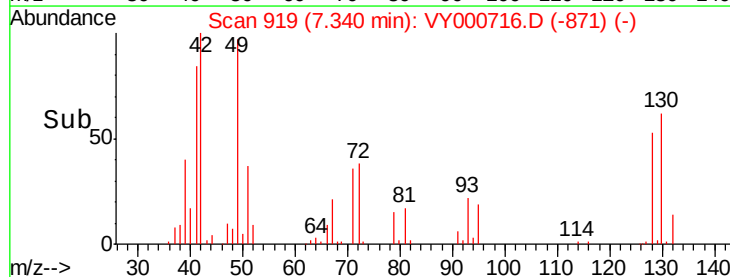
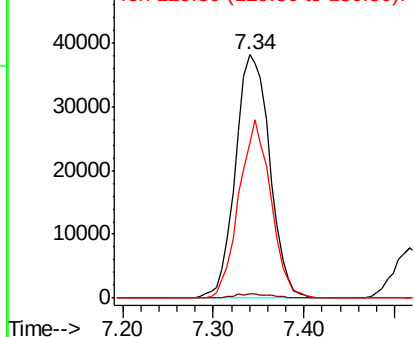
#28

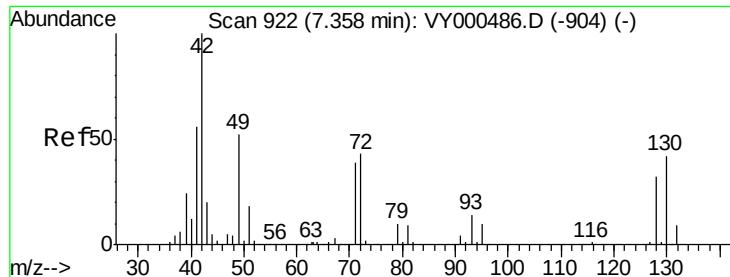
Bromochloromethane
Concen: 56.654 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 49 Resp: 99840
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 68.5 59.4 89.0



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

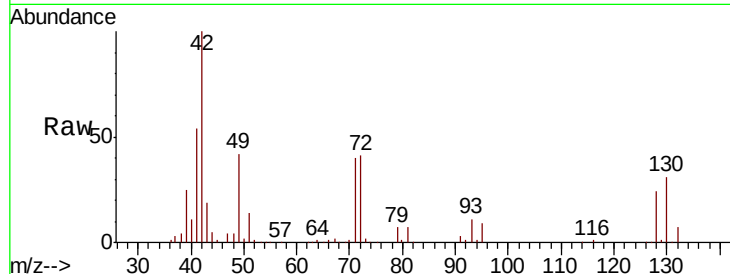




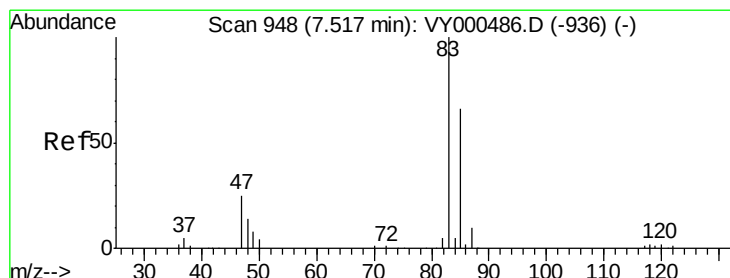
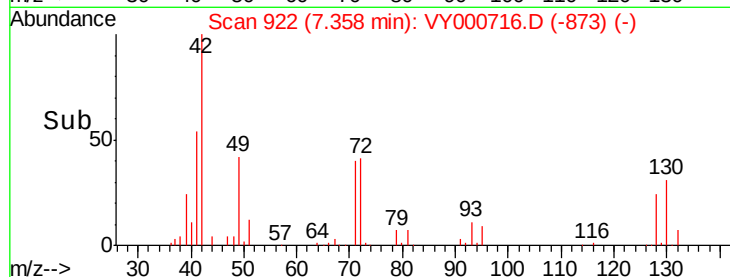
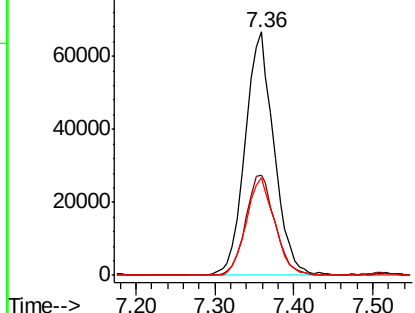
#29
Tetrahydrofuran
Concen: 305.596 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 170152
Ion Ratio Lower Upper
42 100
72 41.7 34.0 51.0
71 39.6 30.8 46.2

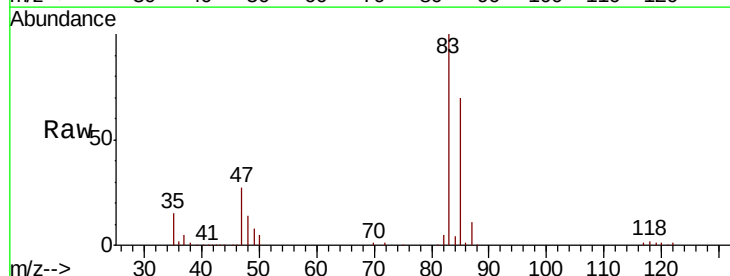


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

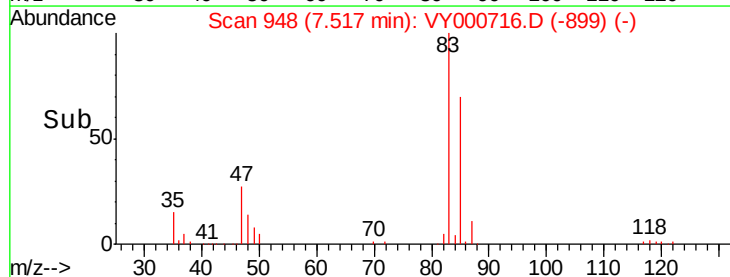
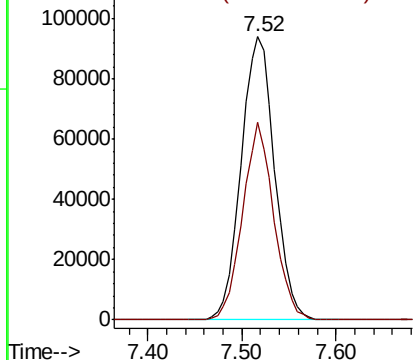


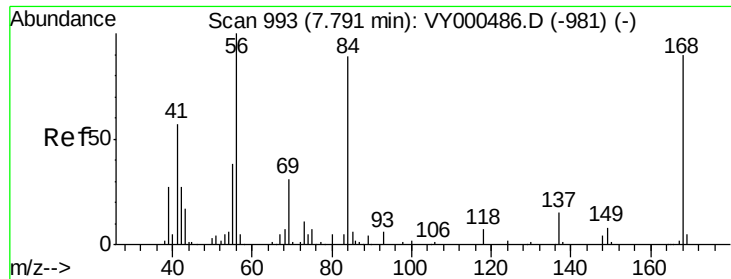
#30
Chloroform
Concen: 60.348 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 83 Resp: 233453
Ion Ratio Lower Upper
83 100
85 69.9 53.0 79.4



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

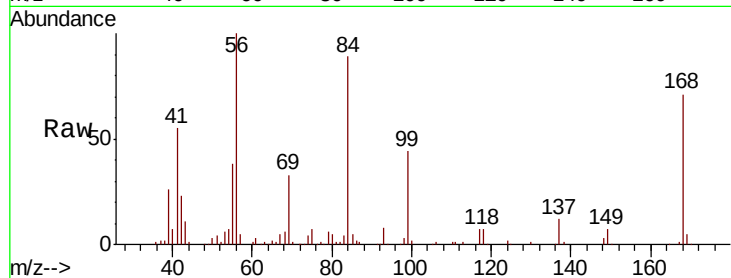




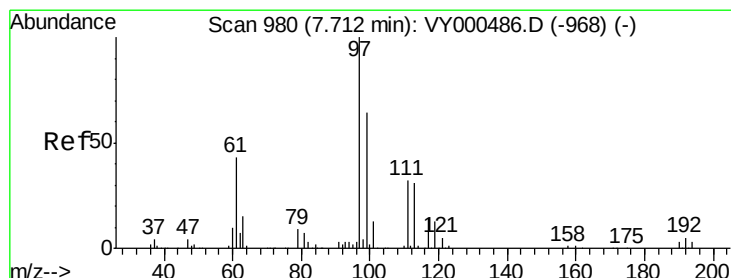
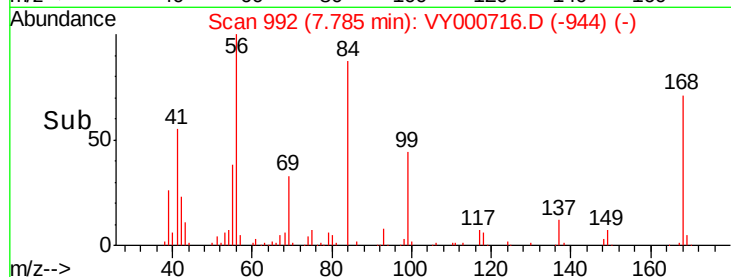
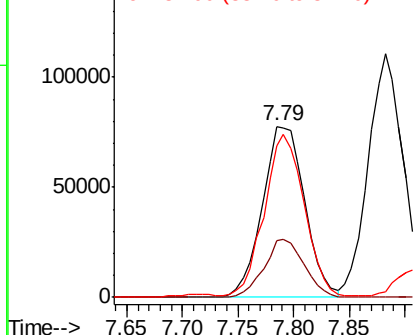
#31
Cyclohexane
Concen: 51.466 ug/l
RT: 7.79 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.0	37.6
84	87.0	71.4	107.2

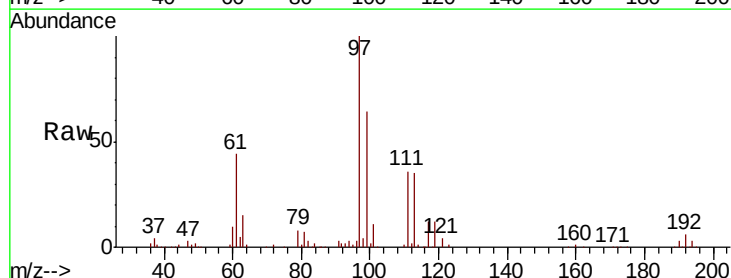


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

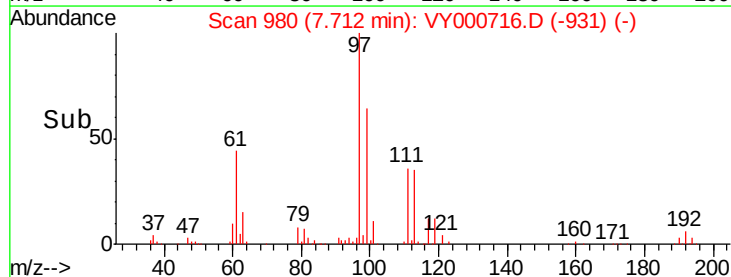
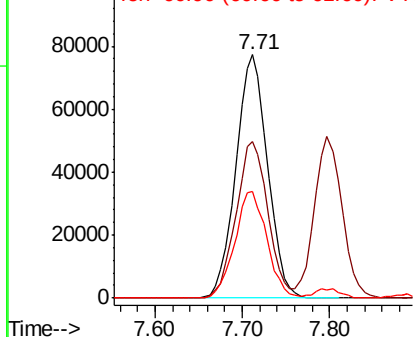


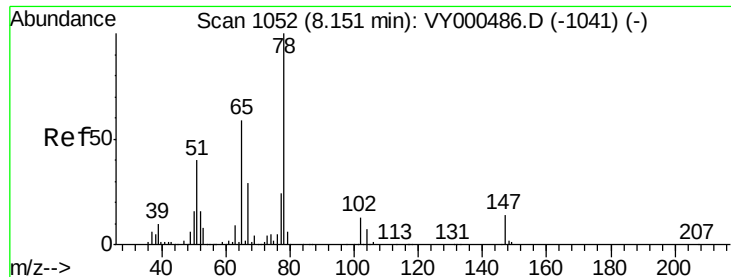
#32
1,1,1-Trichloroethane
Concen: 56.428 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	44.5	34.9	52.3



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

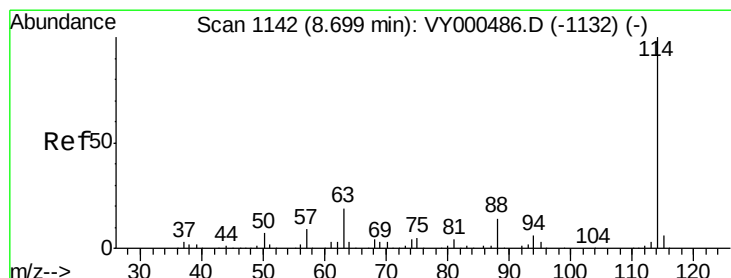
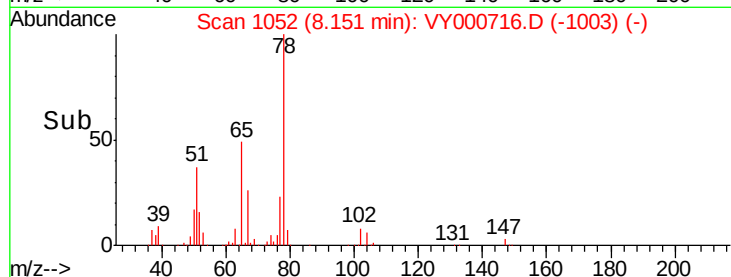
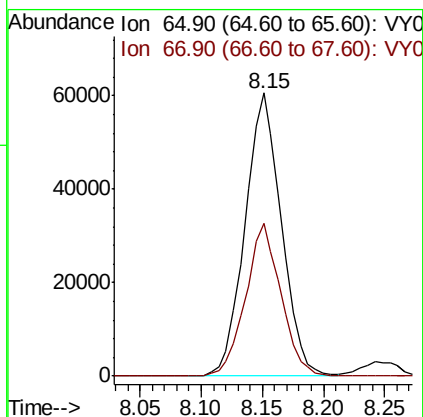
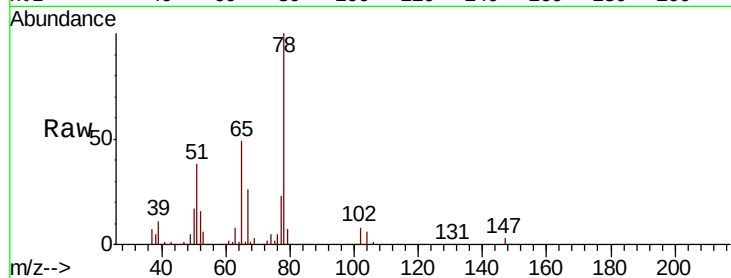




#33
 1,2-Dichloroethane-d4
 Concen: 60.577 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

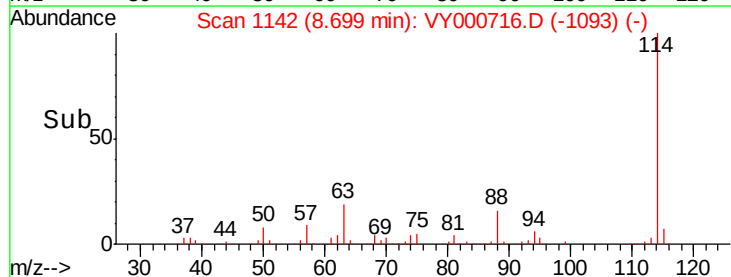
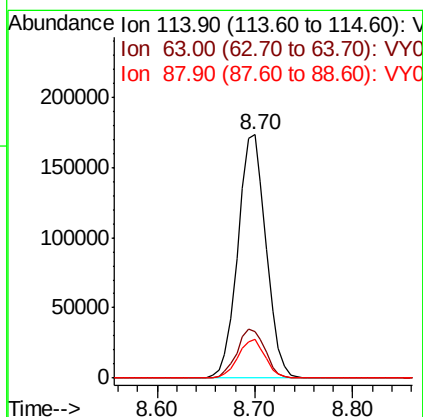
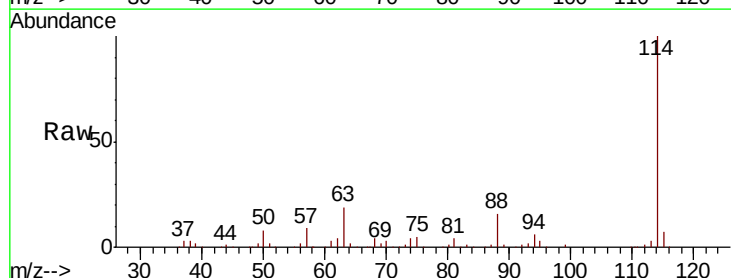
Instrument :
 MSVOA_Y
 ClientSampleId :

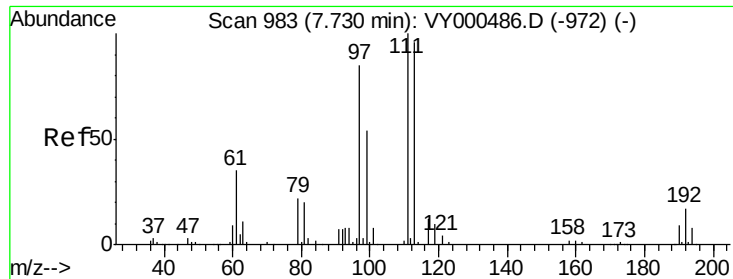
Tot Ion: 65 Resp: 125344
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 114 Resp: 345646
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 15.8 0.0 28.6

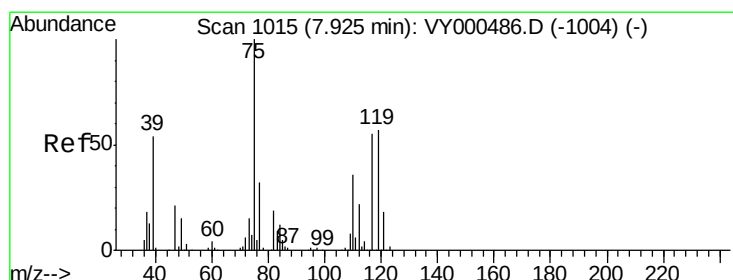
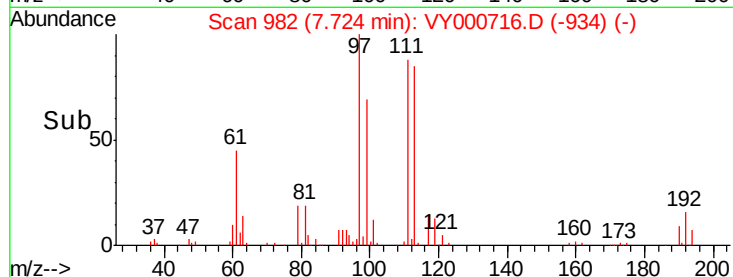
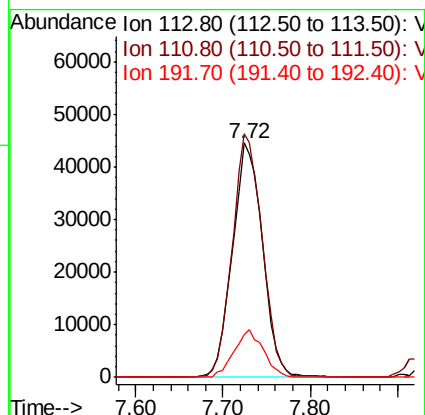
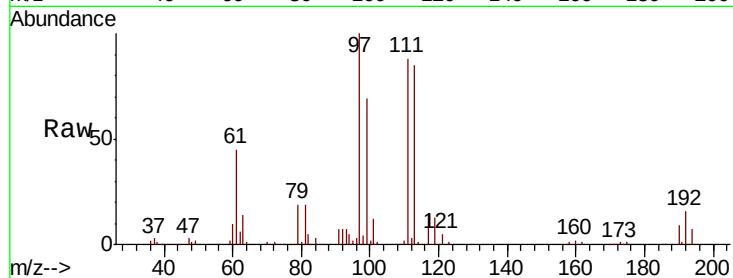




#35
 Dibromofluoromethane
 Concen: 52.490 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

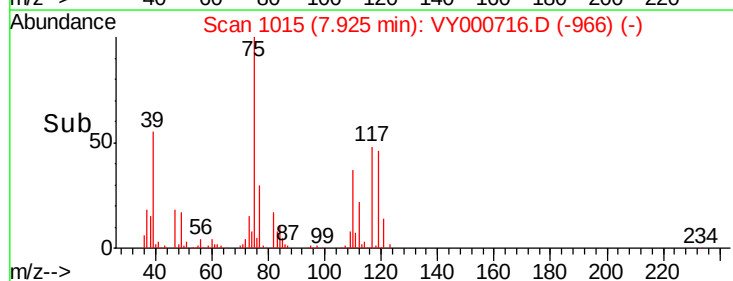
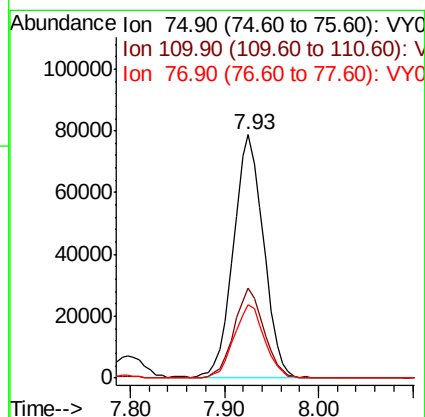
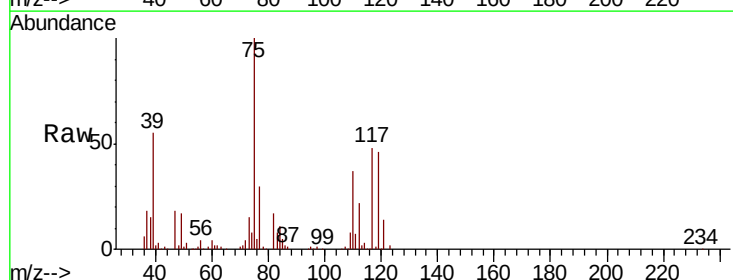
Instrument :
 MSVOA_Y
 ClientSampleId :

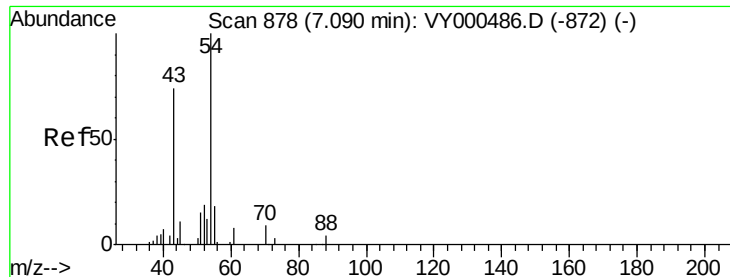
Tot Ion:113 Resp: 106511
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 19.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 53.665 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 75 Resp: 175353
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.1
 77 30.7 25.0 37.6

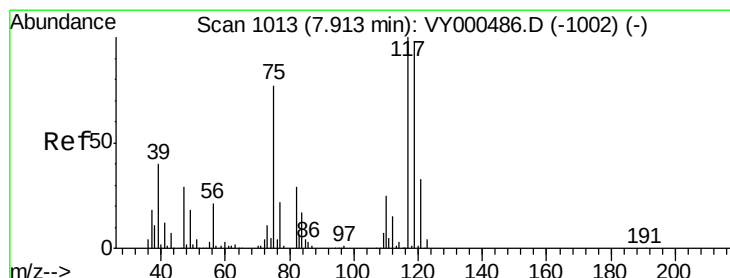
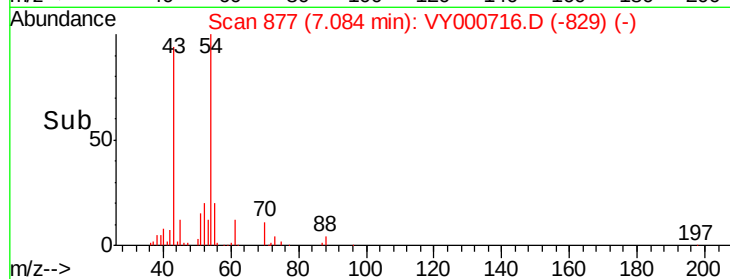
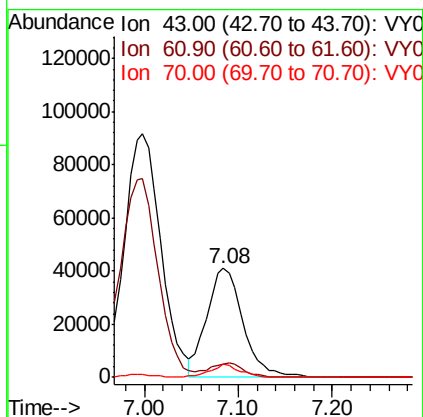
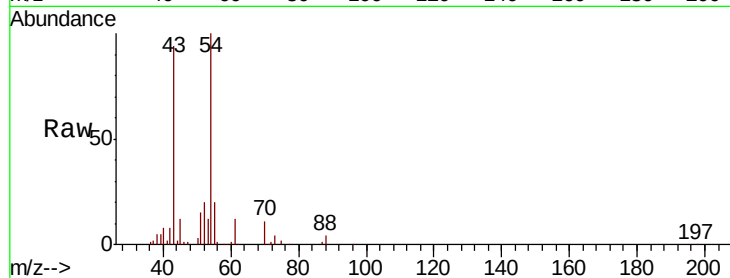




#37
Ethyl Acetate
Concen: 56.383 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

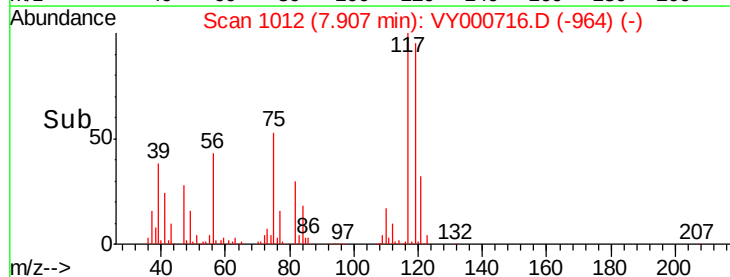
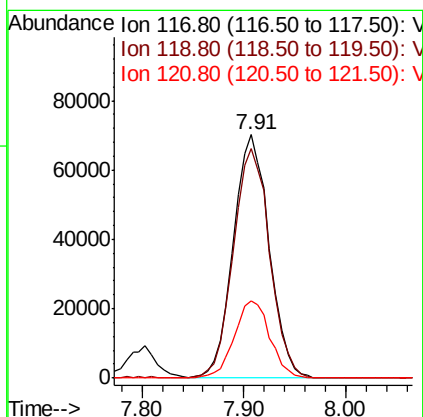
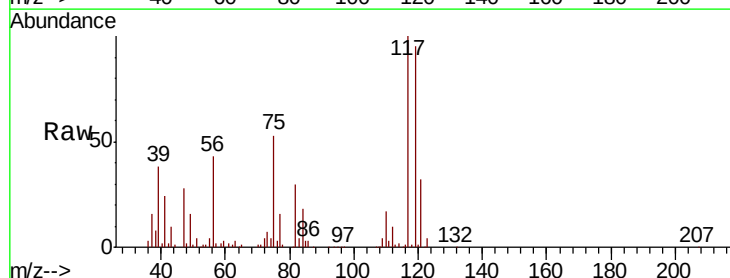
Instrument :
MSVOA_Y
ClientSampled :

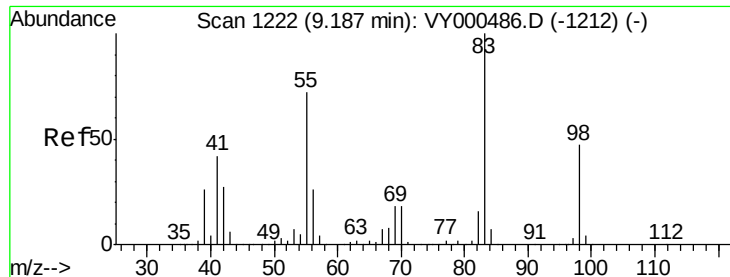
Tot Ion: 43 Resp: 109380
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.417 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 117 Resp: 171094
Ion Ratio Lower Upper
117 100
119 94.5 78.0 117.0
121 31.9 26.6 40.0

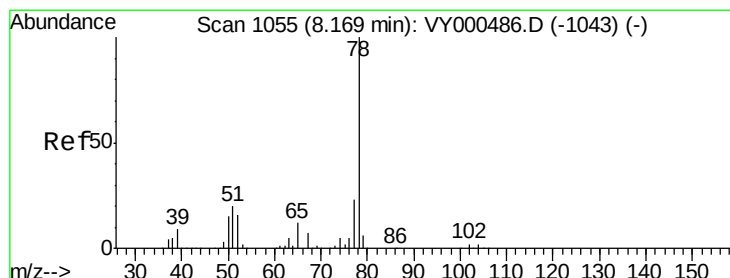
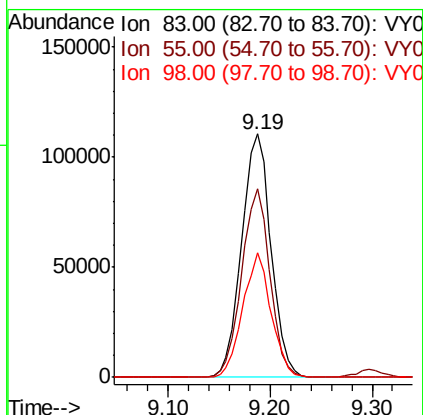
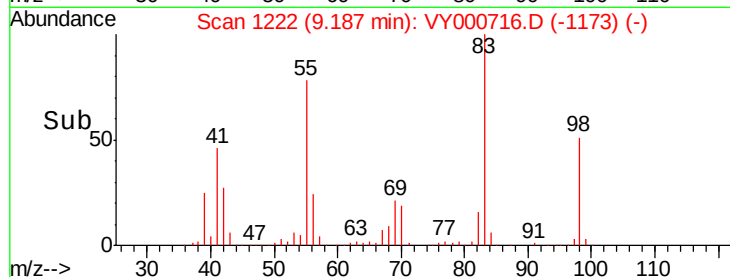
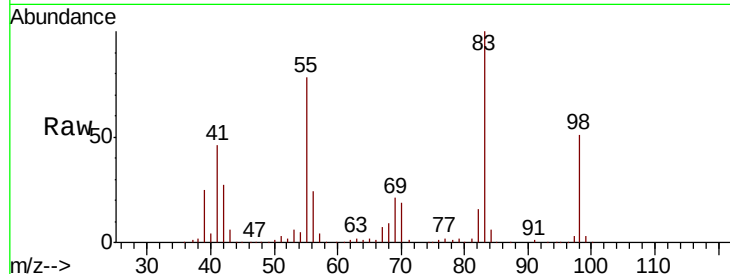




#39
Methylvlcyclohexane
Concen: 52.519 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

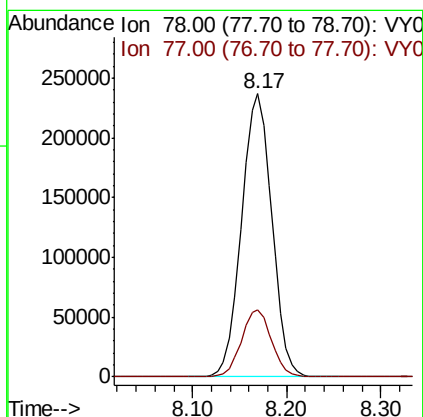
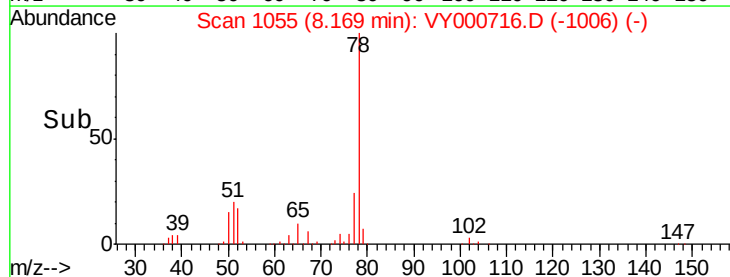
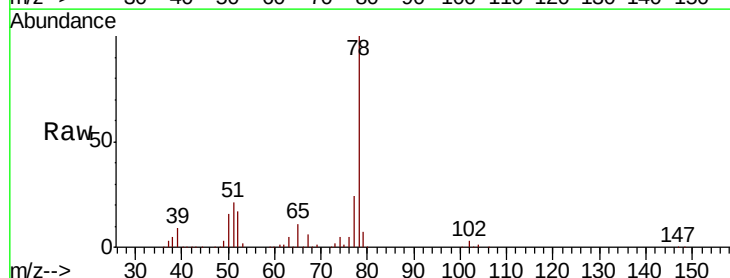
Instrument :
MSVOA_Y
ClientSampled :

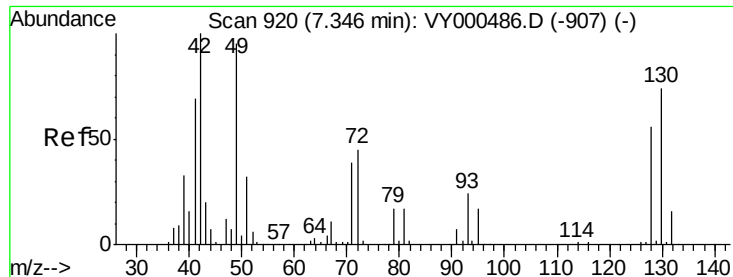
Tot Ion: 83 Resp: 221708
Ion Ratio Lower Upper
83 100
55 77.7 57.5 86.3
98 51.4 38.0 57.0



#40
Benzene
Concen: 55.323 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 78 Resp: 529981
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

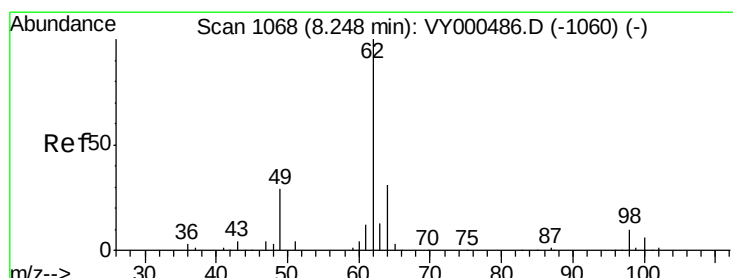
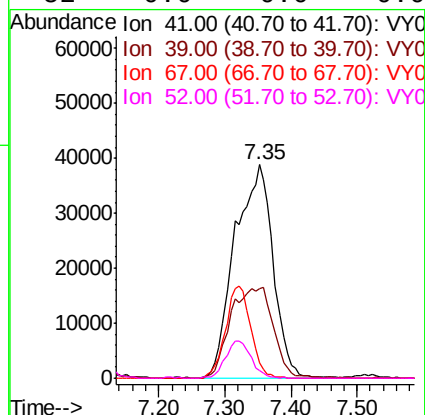
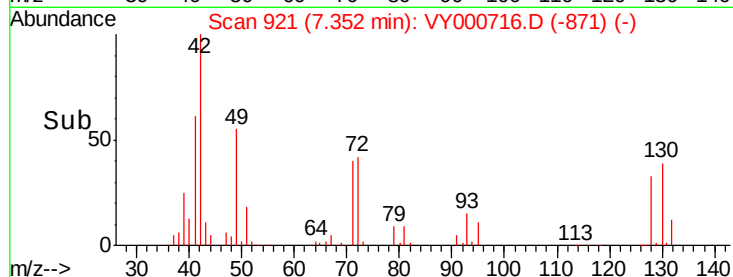
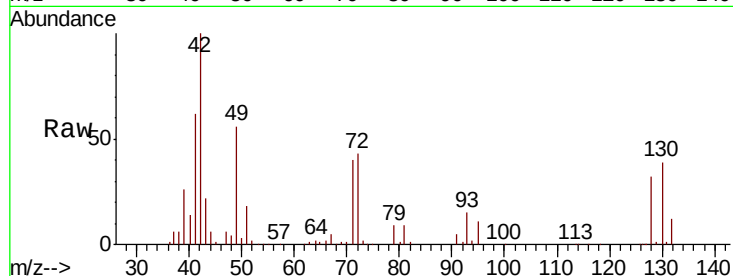




#41
Methacrylonitrile
Concen: 143.850 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

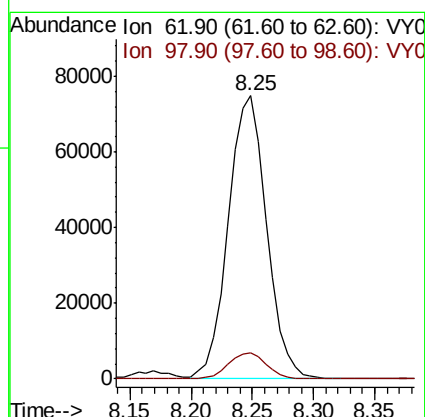
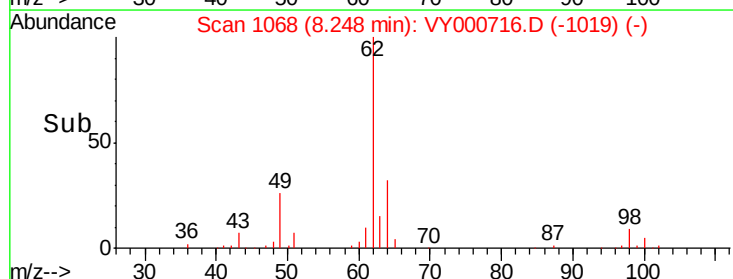
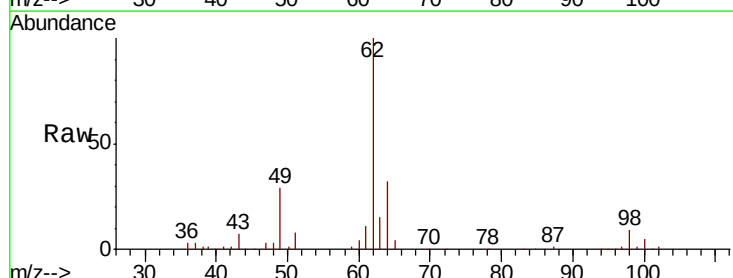
Instrument :
MSVOA_Y
ClientSampled :

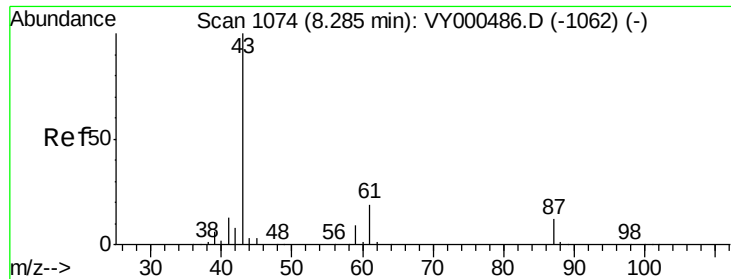
Tot Ion: 41 Resp: 155679
Ion Ratio Lower Upper
41 100
39 47.3 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 59.627 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 62 Resp: 162012
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 58.538 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampled :

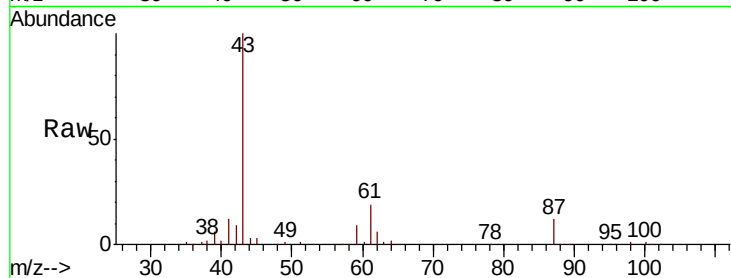
Tot Ion: 43 Resp: 213325

Ion Ratio Lower Upper

43 100

61 26.7 23.0 34.4

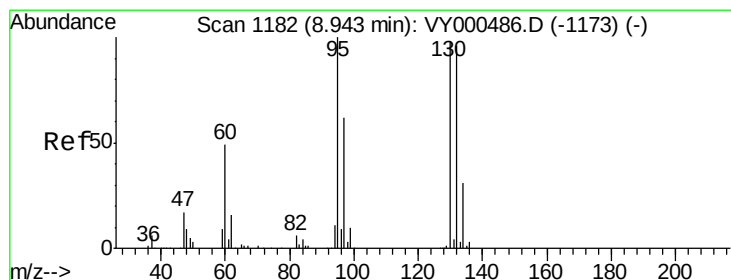
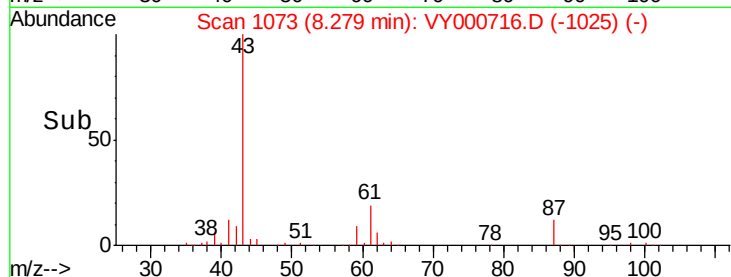
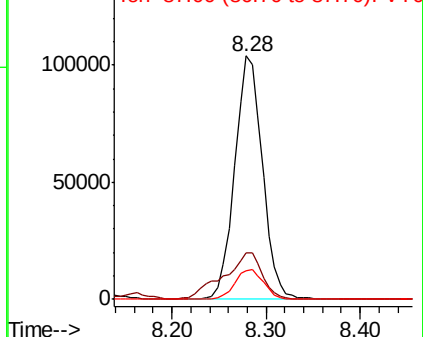
87 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 54.891 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000716.D

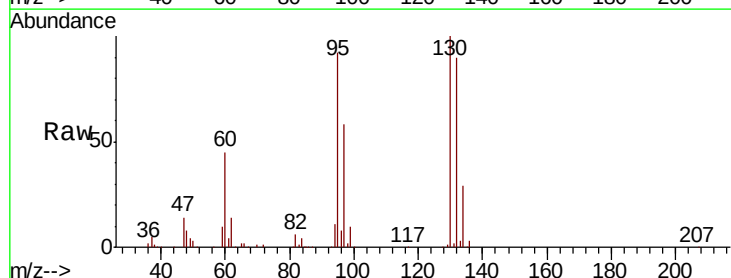
Acq: 15 Nov 2019 20:46

Tgt Ion:130 Resp: 138645

Ion Ratio Lower Upper

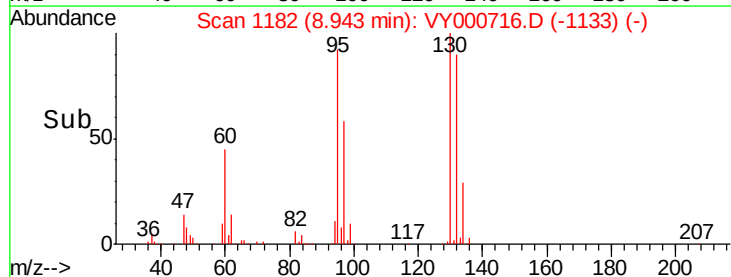
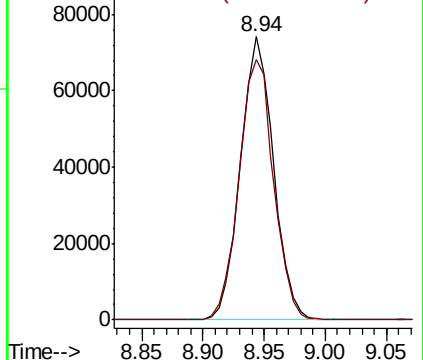
130 100

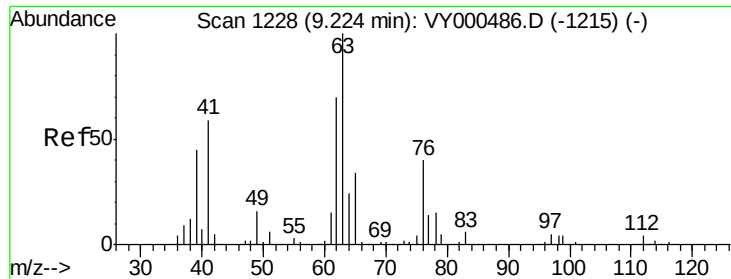
95 92.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

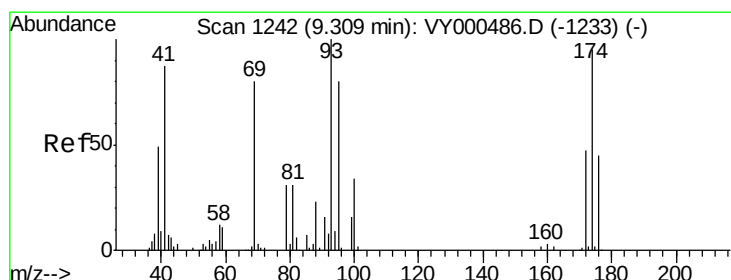
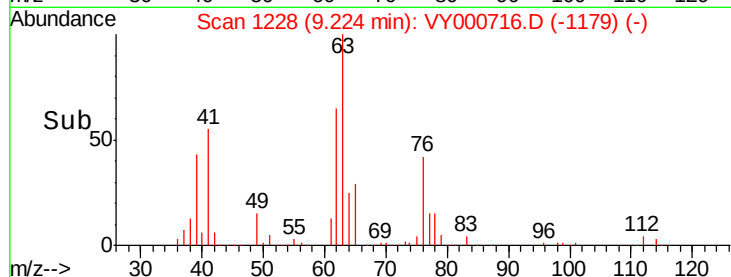
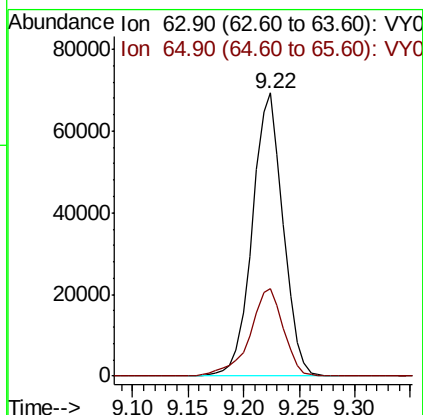
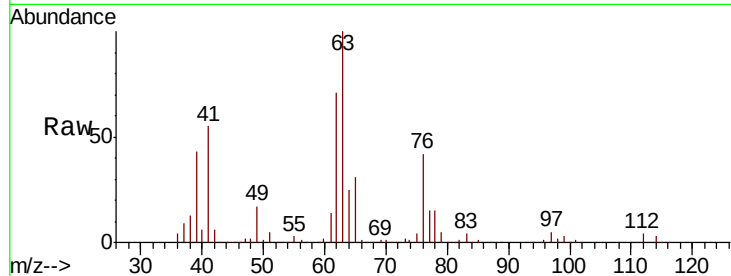




#45
 1,2-Dichloropropane
 Concen: 56.592 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

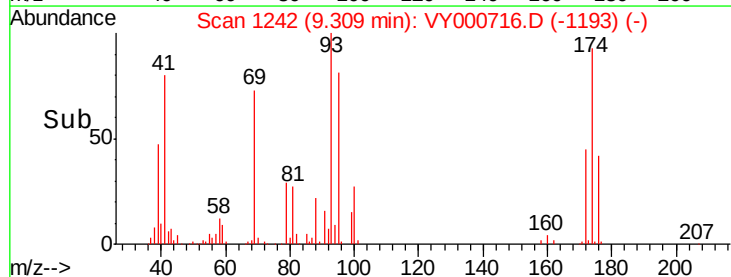
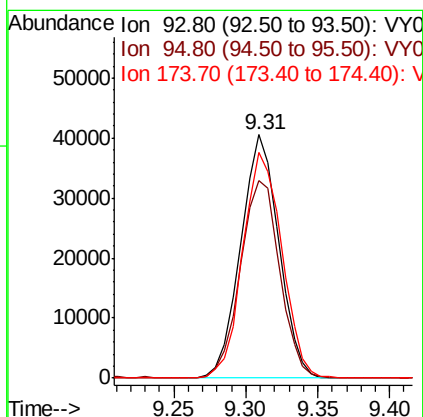
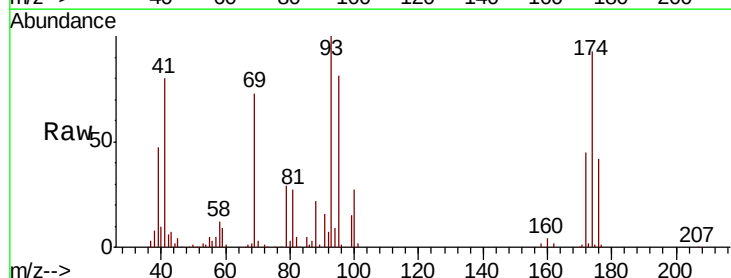
Instrument :
 MSVOA_Y
 ClientSampleId :

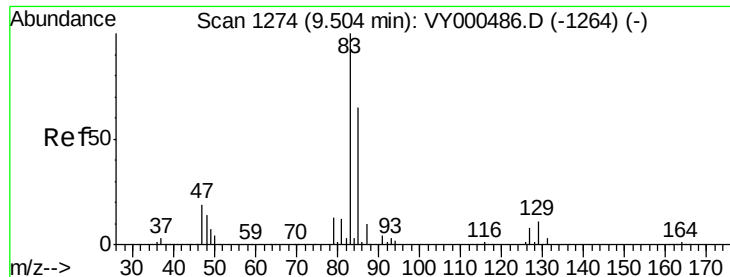
Tot Ion: 63 Resp: 133431
 Ion Ratio Lower Upper
 63 100
 65 30.7 27.0 40.4



#46
 Dibromomethane
 Concen: 57.354 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 93 Resp: 74370
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.4 99.6
 174 95.0 77.1 115.7





#47

Bromodichloromethane

Concen: 58.773 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampleId :

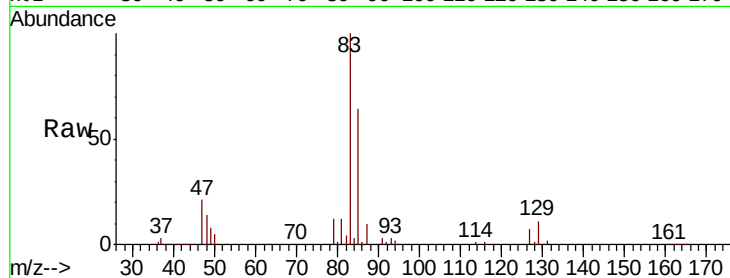
Tot Ion: 83 Resp: 180829

Ion Ratio Lower Upper

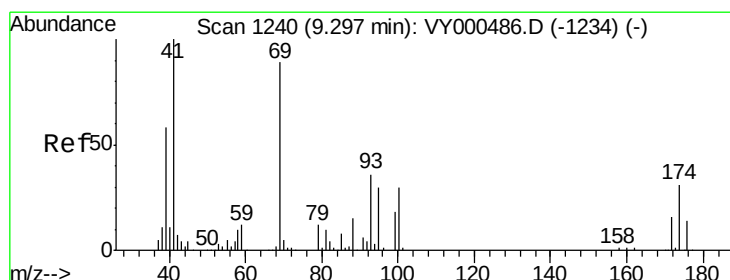
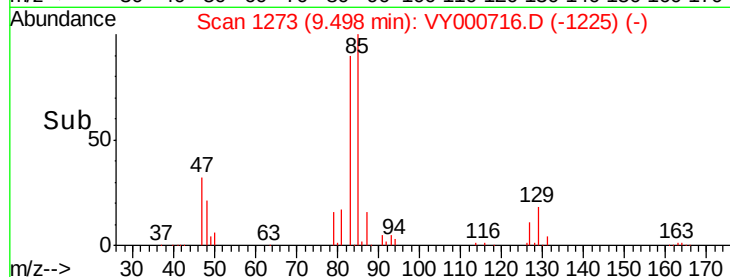
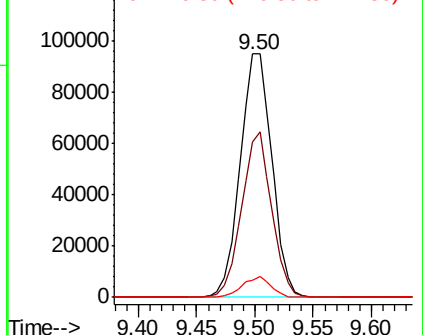
83 100

85 63.9 51.8 77.8

127 7.2 6.7 10.1



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



#48

Methyl methacrylate

Concen: 60.525 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

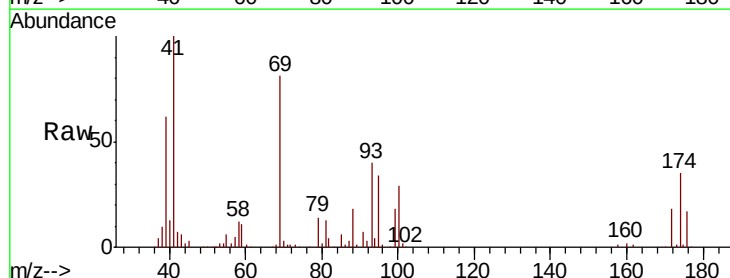
Tgt Ion: 41 Resp: 96372

Ion Ratio Lower Upper

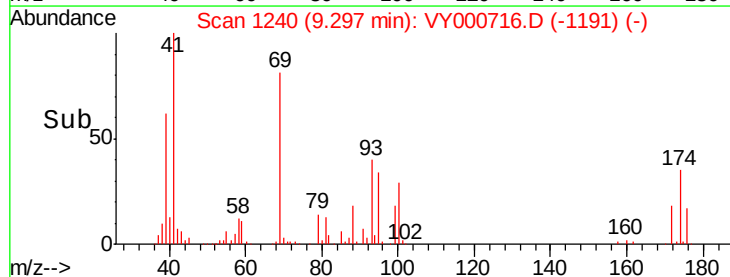
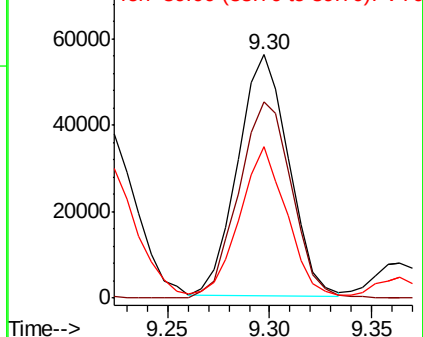
41 100

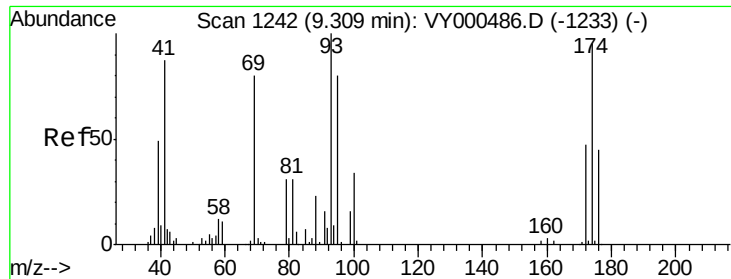
69 84.9 72.5 108.7

39 59.5 47.8 71.8



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

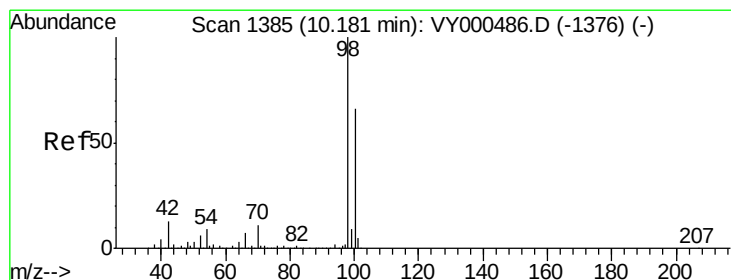
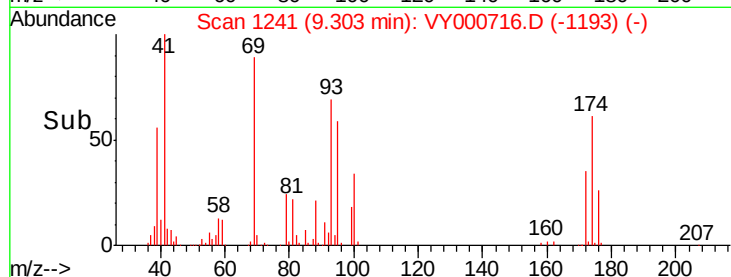
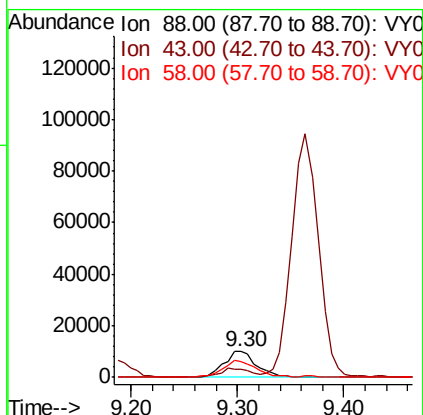
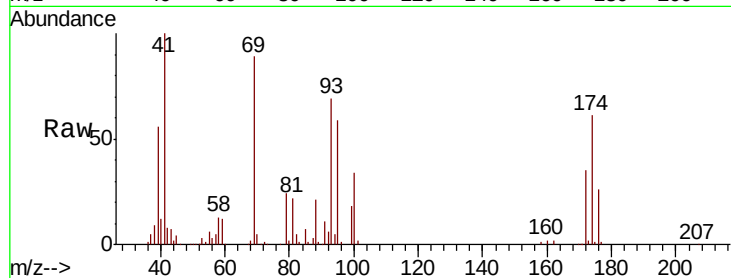




#49
1,4-Dioxane
Concen: 1253.085 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

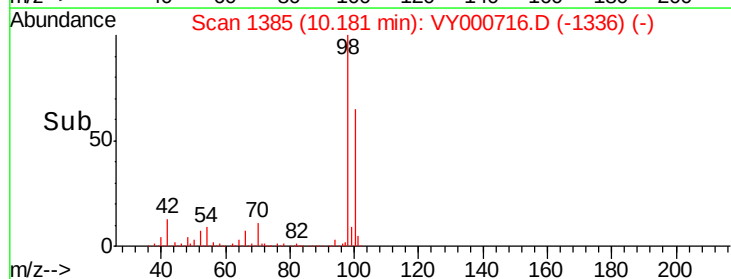
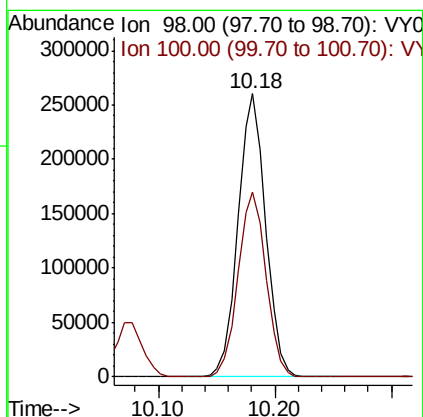
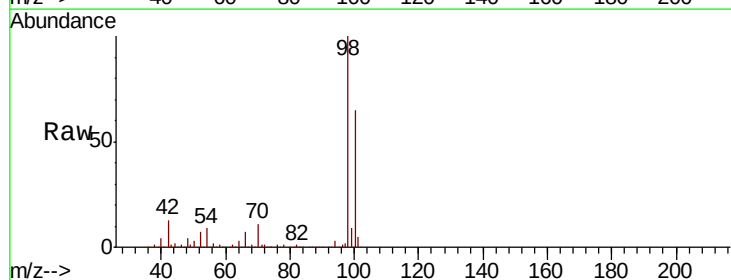
Instrument :
MSVOA_Y
ClientSampleId :

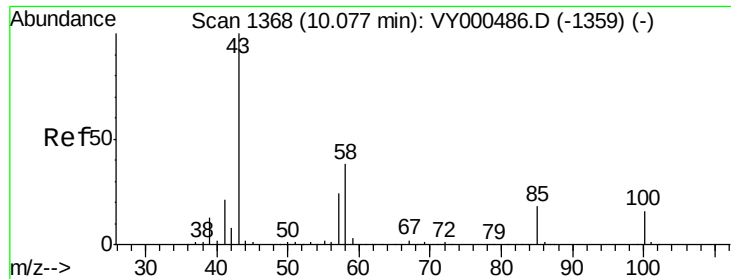
Tot Ion: 88 Resp: 21868
Ion Ratio Lower Upper
88 100
43 32.8 25.1 37.7
58 64.8 50.6 75.8



#50
Toluene-d8
Concen: 55.682 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 98 Resp: 428732
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3

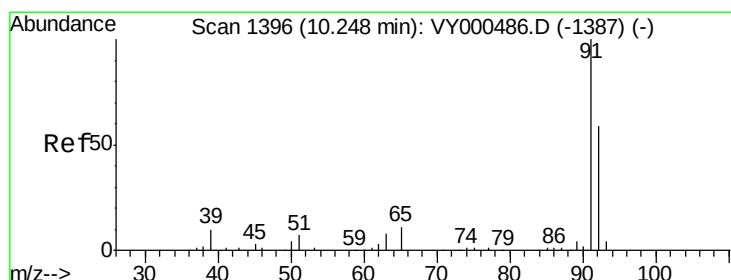
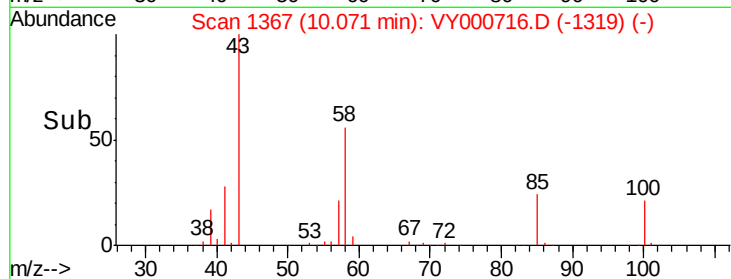
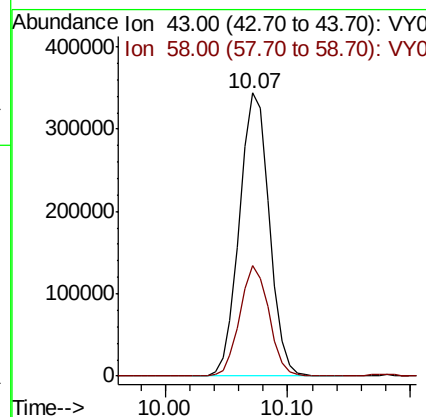
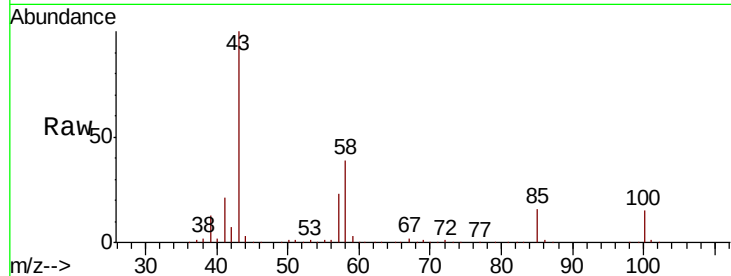




#51
4-Methyl-2-Pentanone
Concen: 299.672 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

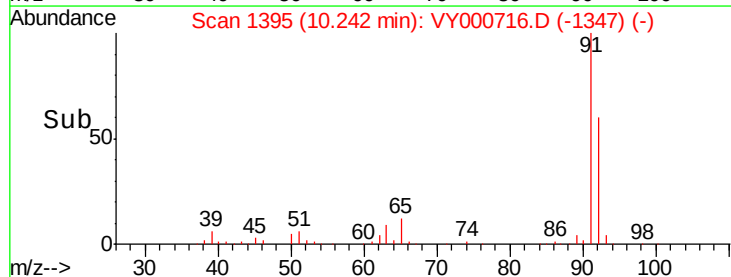
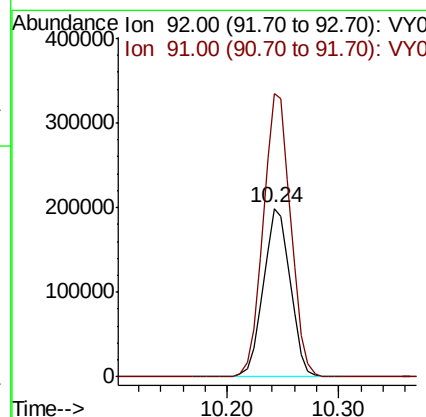
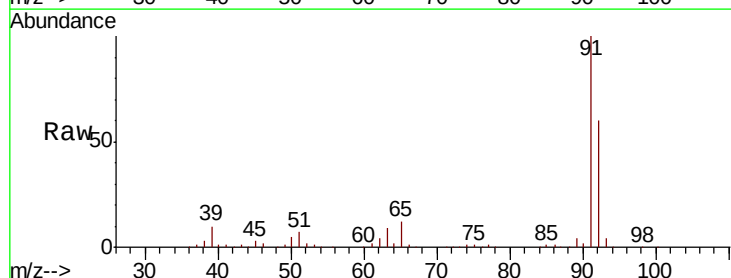
Instrument :
MSVOA_Y
ClientSampleId :

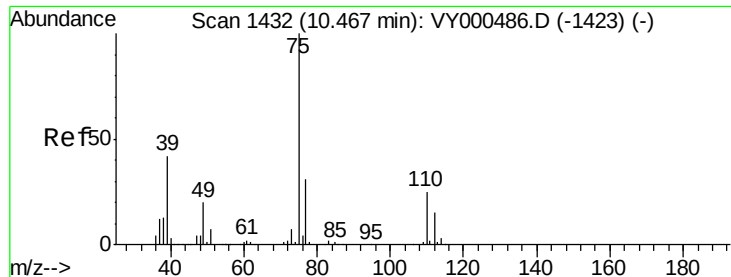
Tot Ion: 43 Resp: 580630
Ion Ratio Lower Upper
43 100
58 38.2 30.2 45.4



#52
Toluene
Concen: 55.523 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 92 Resp: 336285
Ion Ratio Lower Upper
92 100
91 170.5 136.3 204.5

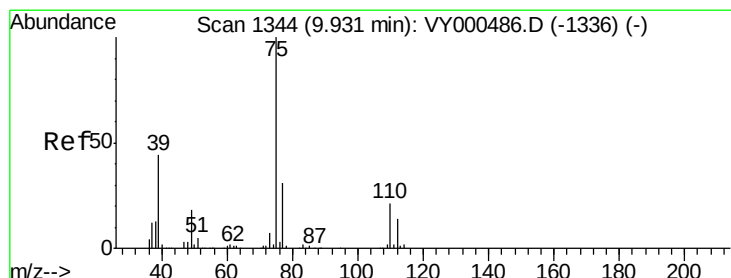
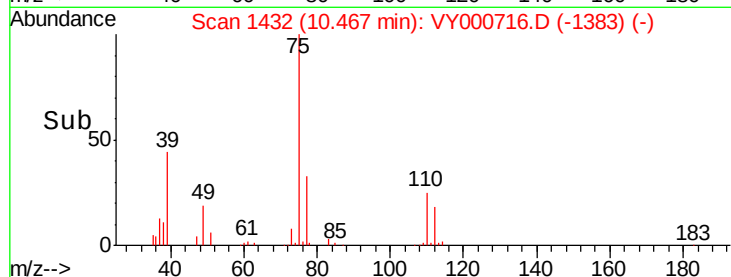
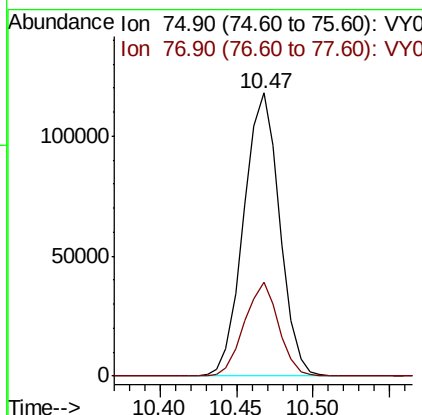
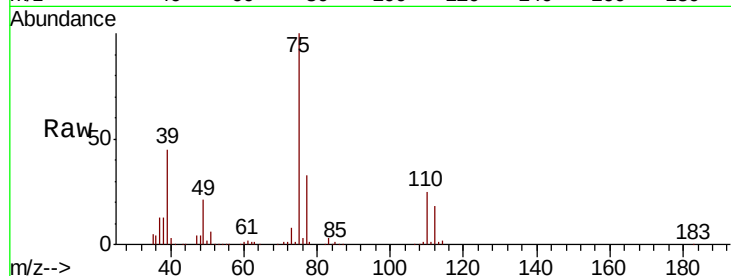




#53
t-1,3-Dichloropropene
Concen: 58.679 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

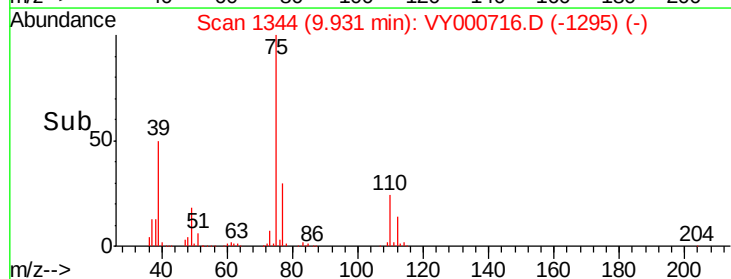
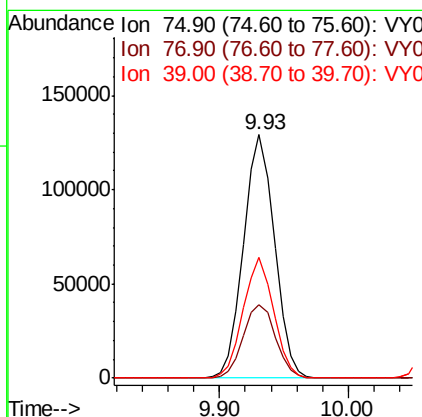
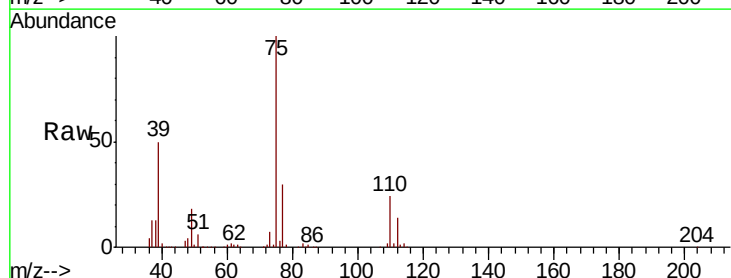
Instrument :
MSVOA_Y
ClientSampleId :

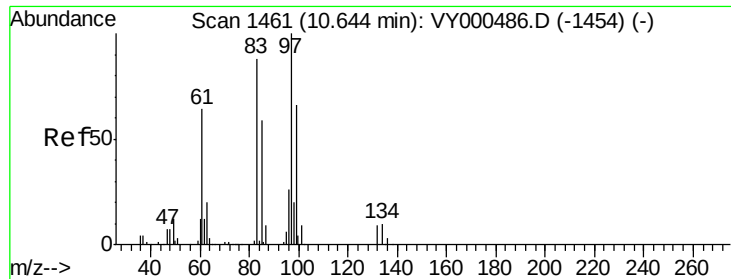
Tot Ion: 75 Resp: 192908
Ion Ratio Lower Upper
75 100
77 33.1 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 57.046 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 75 Resp: 214845
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7
39 49.7 35.4 53.2

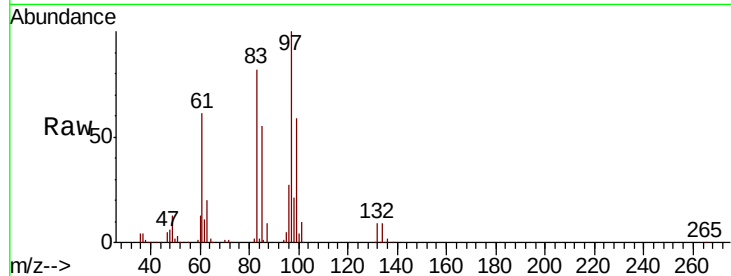




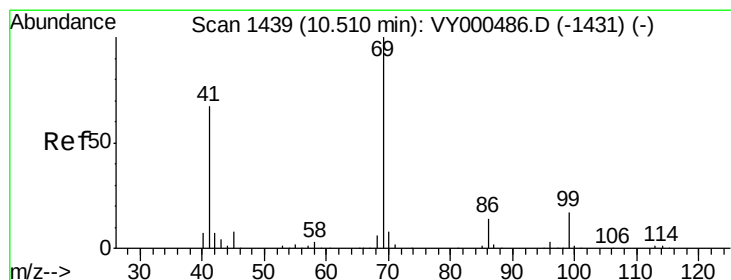
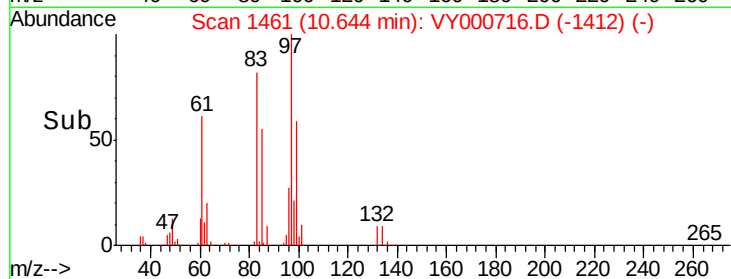
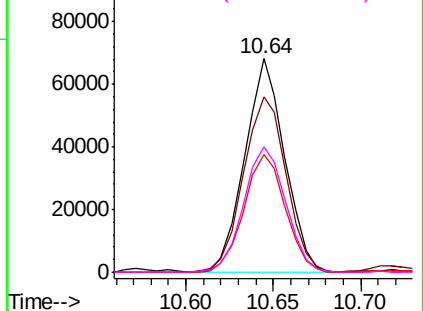
#55
 1,1,2-Trichloroethane
 Concen: 57.453 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 107752
 Ion Ratio Lower Upper
 97 100
 83 82.4 70.2 105.4
 85 55.1 46.9 70.3
 99 58.6 52.6 78.8

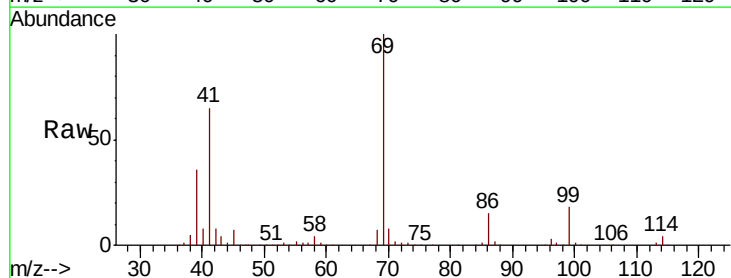


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

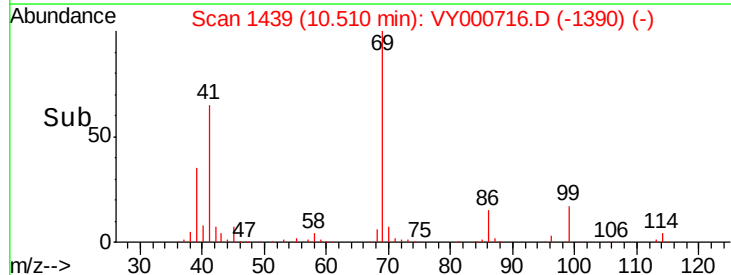
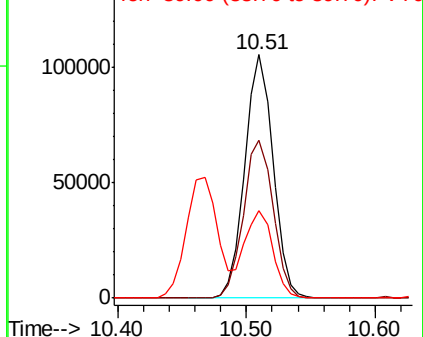


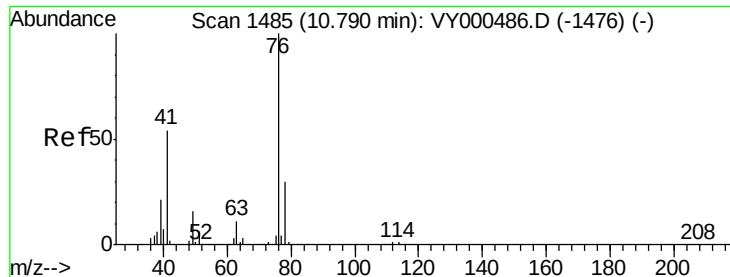
#56
 Ethyl methacrylate
 Concen: 60.099 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 69 Resp: 159754
 Ion Ratio Lower Upper
 69 100
 41 67.8 53.3 79.9
 39 36.9 28.0 42.0



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: 58.617 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

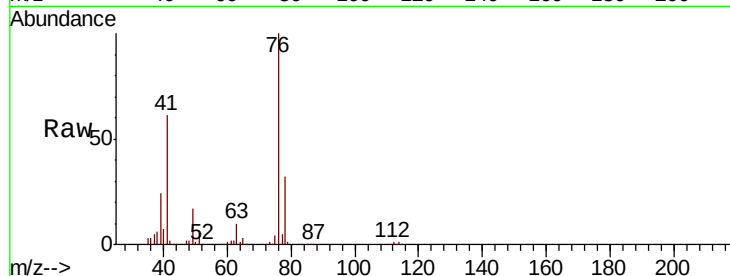
ClientSampled :

Tot Ion: 76 Resp: 192410

Ion Ratio Lower Upper

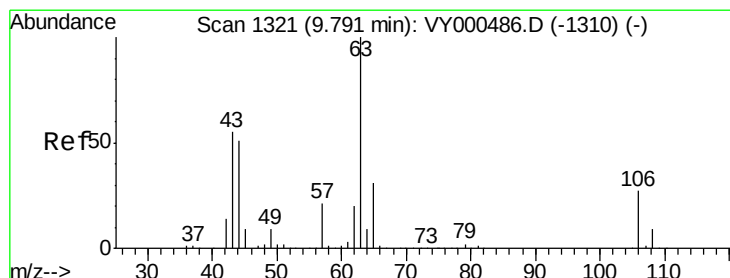
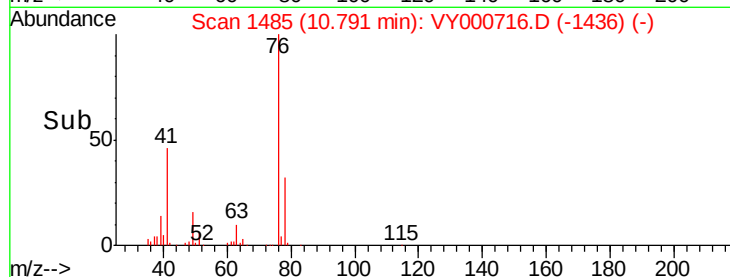
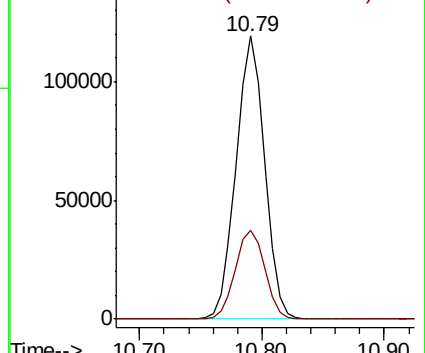
76 100

78 32.4 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 265.815 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000716.D

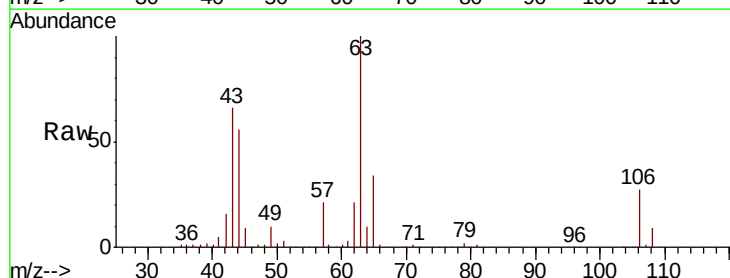
Acq: 15 Nov 2019 20:46

Tgt Ion: 63 Resp: 319441

Ion Ratio Lower Upper

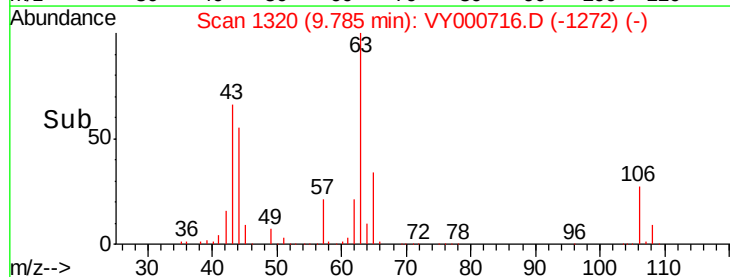
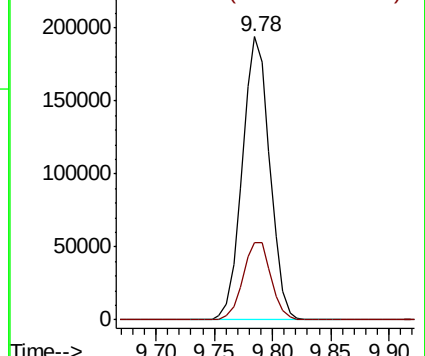
63 100

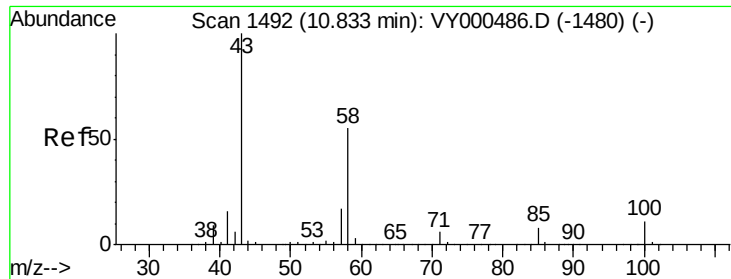
106 28.0 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 279.423 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

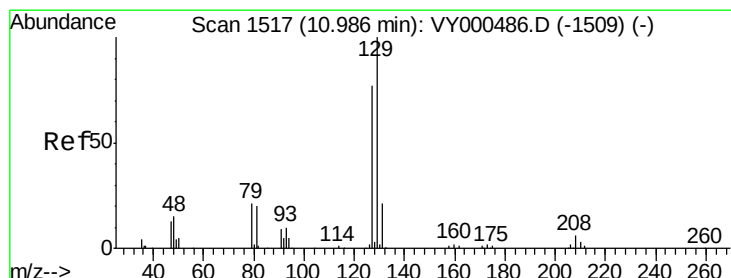
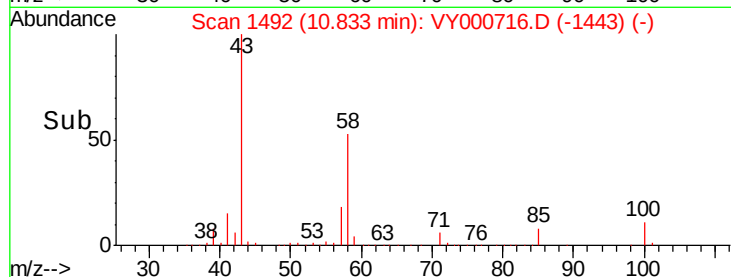
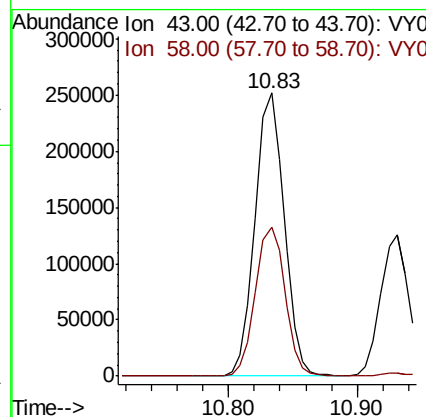
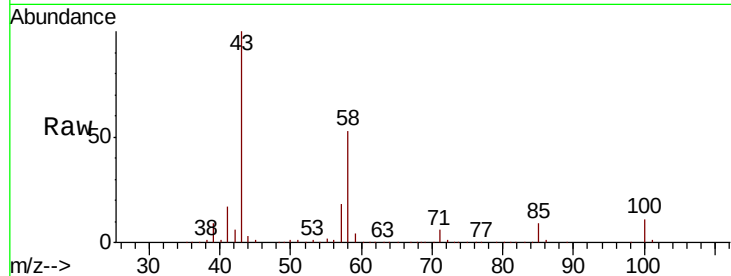
ClientSampled :

Tot Ion: 43 Resp: 394459

Ion Ratio Lower Upper

43 100

58 53.6 27.1 81.3



#60

Dibromochloromethane

Concen: 58.083 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY000716.D

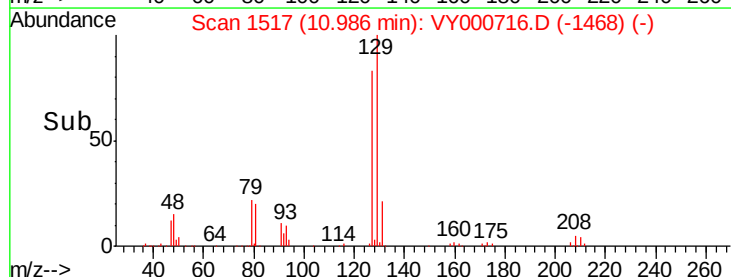
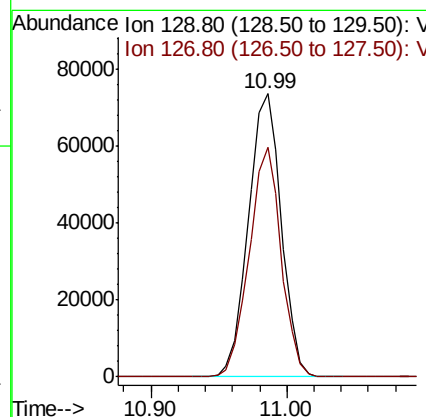
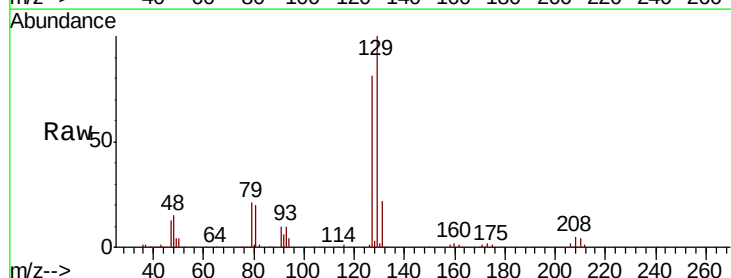
Acq: 15 Nov 2019 20:46

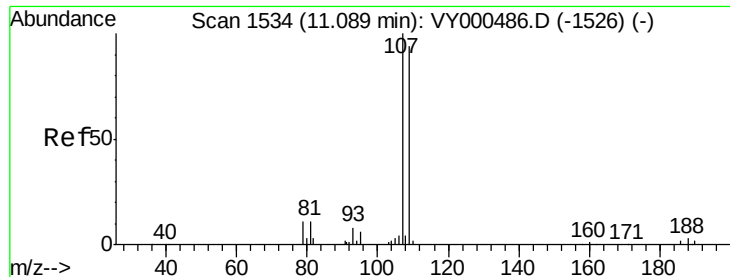
Tgt Ion: 129 Resp: 124776

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.2

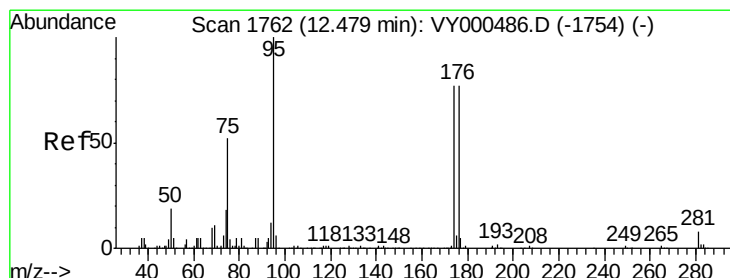
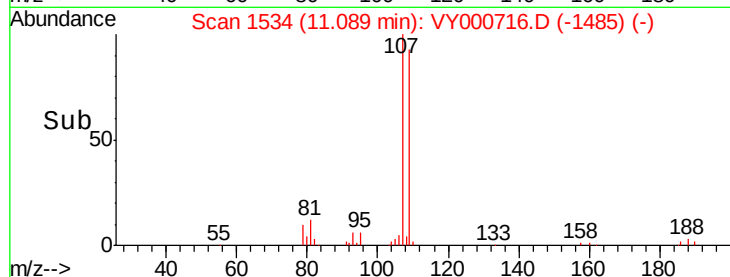
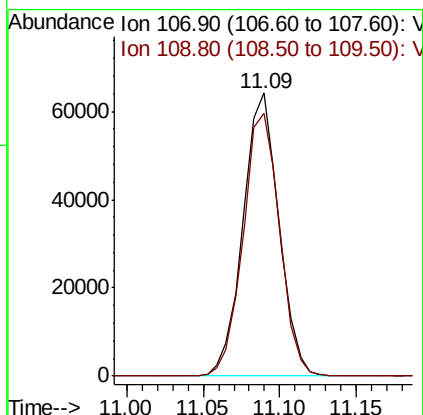
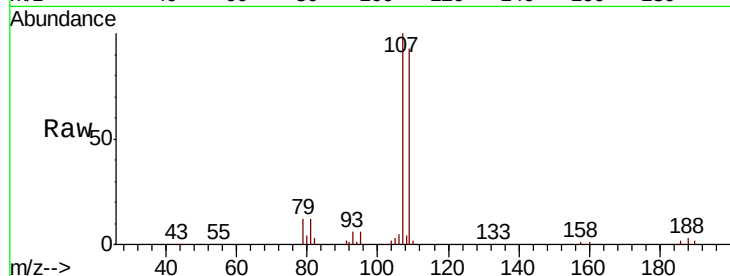




#61
 1,2-Dibromoethane
 Concen: 57.887 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

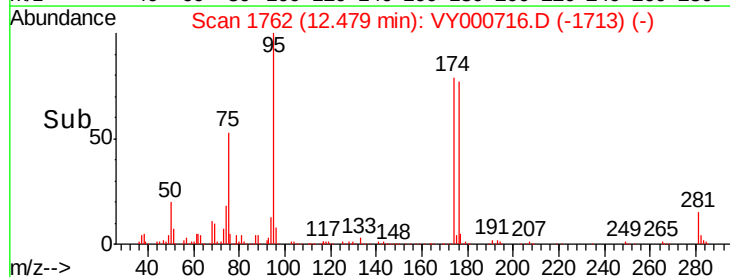
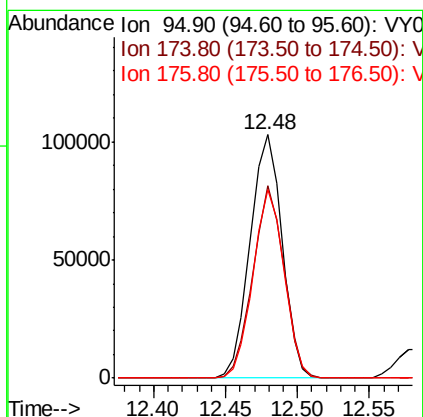
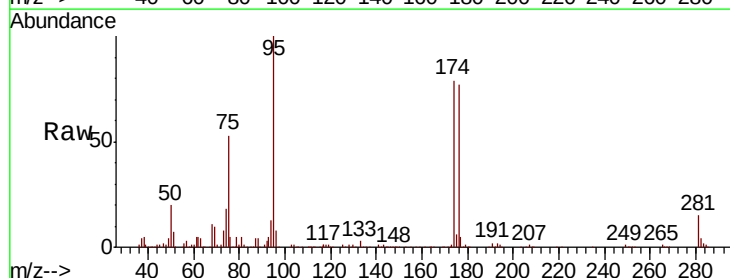
Instrument :
 MSVOA_Y
 ClientSampleId :

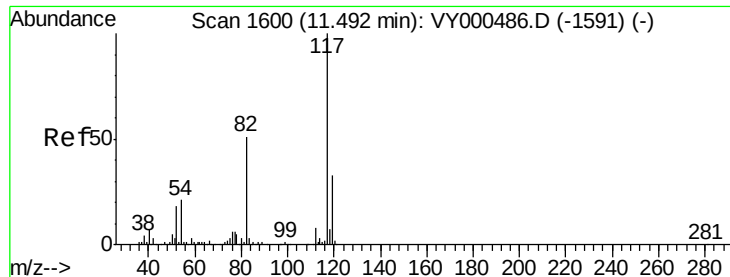
Tot Ion: 107 Resp: 104387
 Ion Ratio Lower Upper
 107 100
 109 94.4 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 53.798 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 95 Resp: 157692
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 161.6
 176 75.5 0.0 157.8

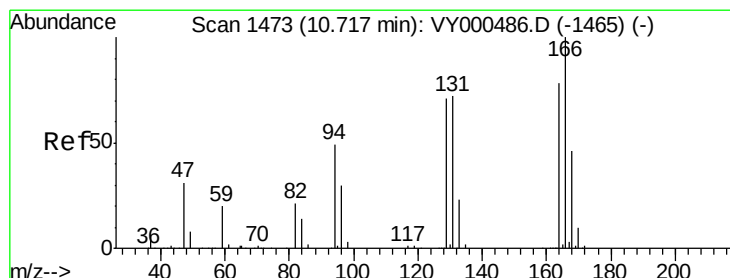
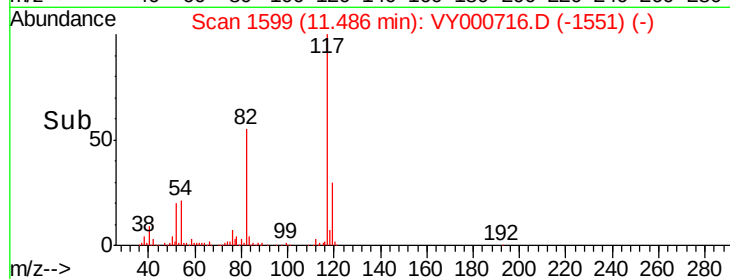
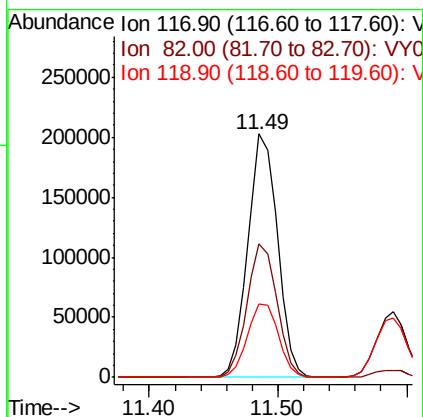
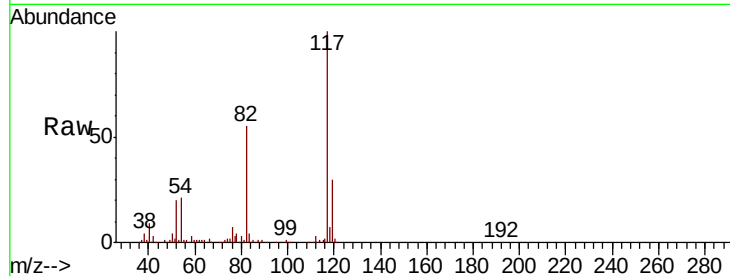




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

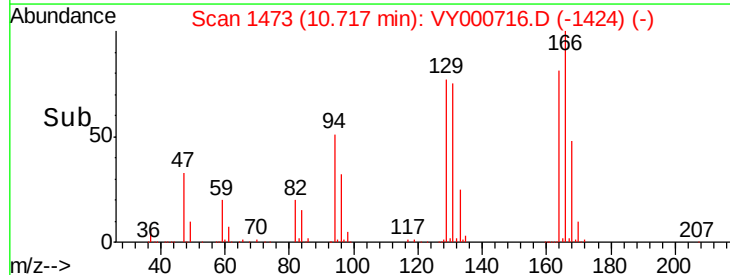
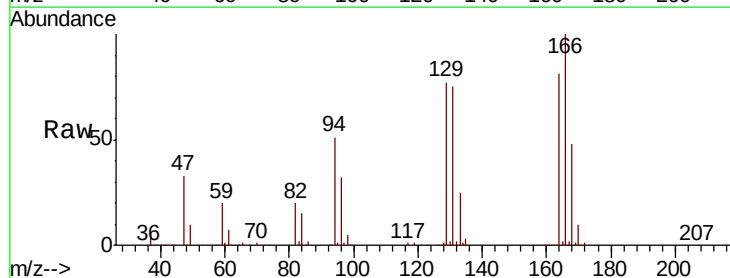
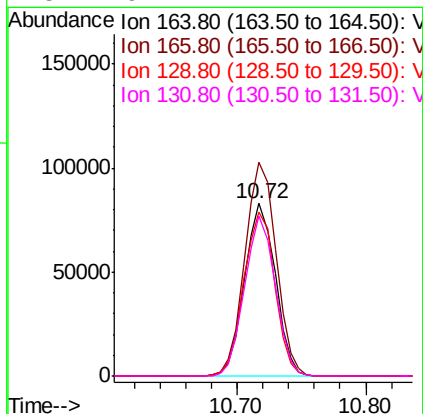
Instrument :
MSVOA_Y
ClientSampleId :

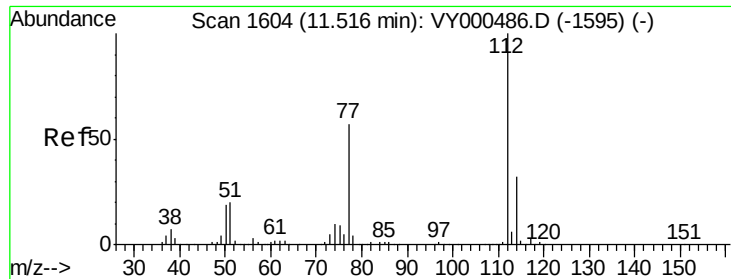
Tot Ion:117 Resp: 320781
Ion Ratio Lower Upper
117 100
82 55.0 40.8 61.2
119 30.0 26.2 39.2



#64
Tetrachloroethene
Concen: 51.604 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion:164 Resp: 136877
Ion Ratio Lower Upper
164 100
166 123.7 102.7 154.1
129 95.0 73.2 109.8
131 92.7 74.2 111.2

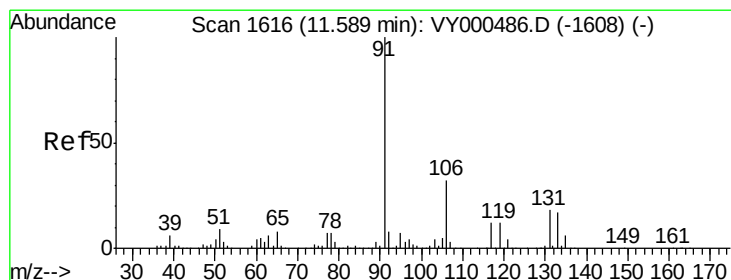
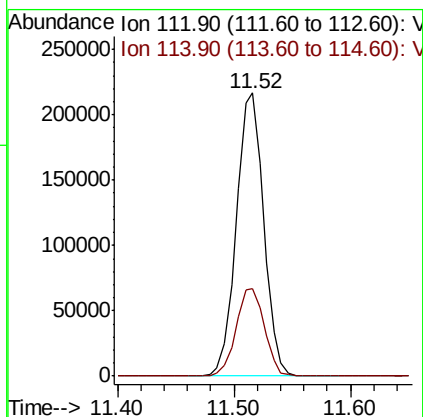
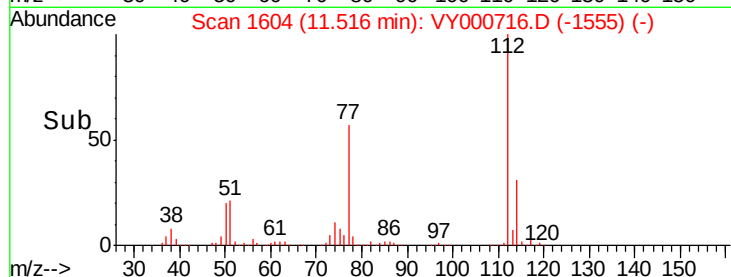
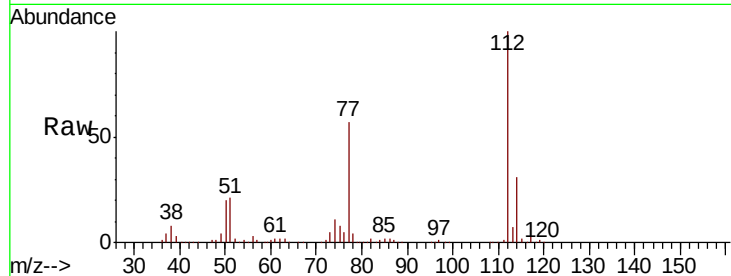




#65
Chlorobenzene
Concen: 54.470 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

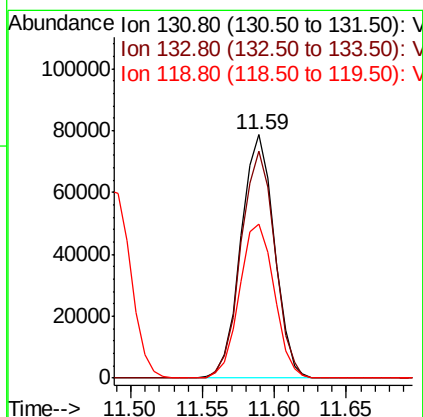
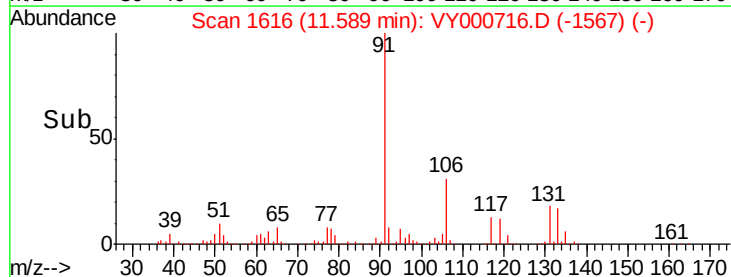
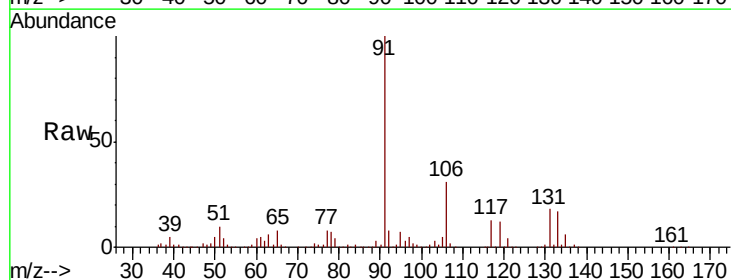
Instrument :
MSVOA_Y
ClientSampleId :

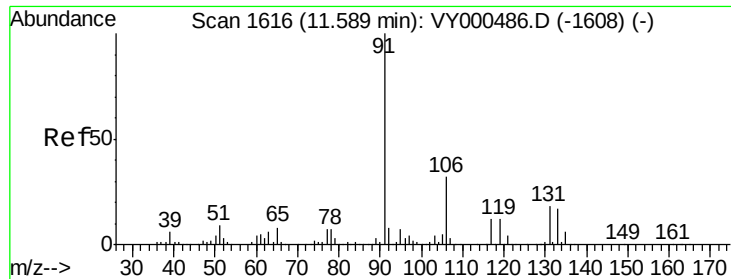
Tot Ion:112 Resp: 354263
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 56.095 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion:131 Resp: 126528
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 66.2 33.1 99.3

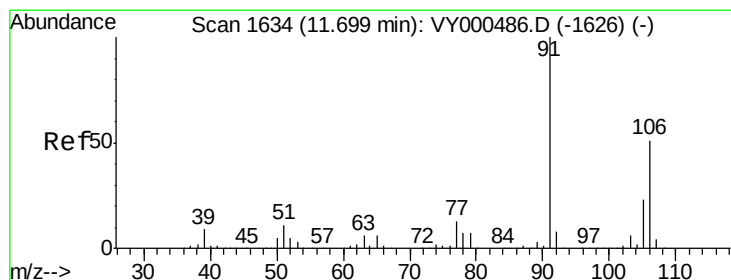
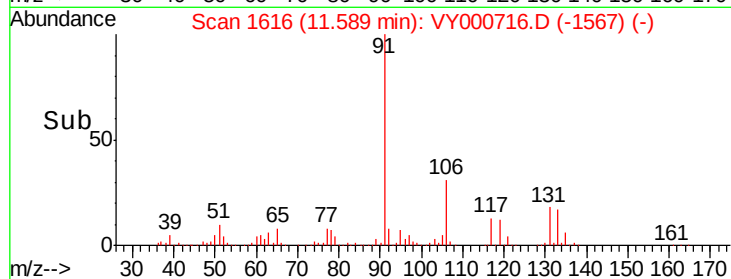
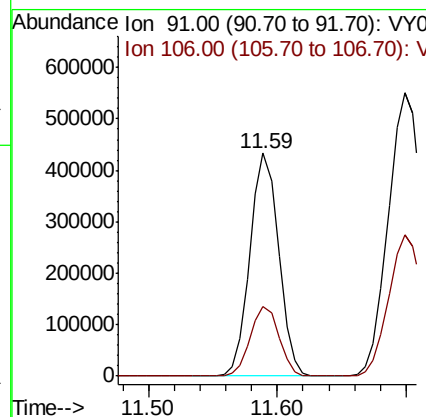
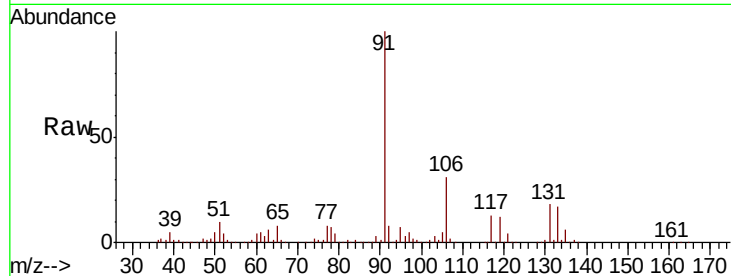




#67
Ethyl Benzene
Concen: 55.467 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

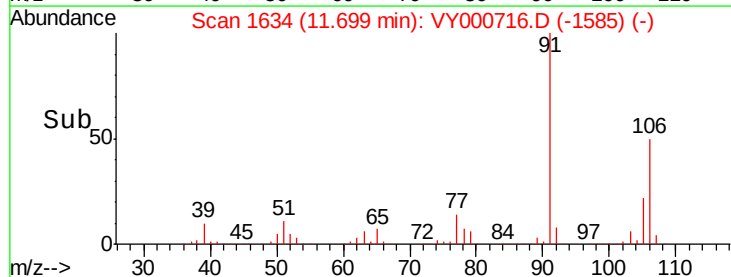
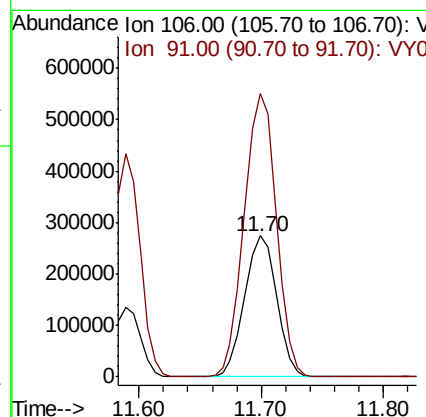
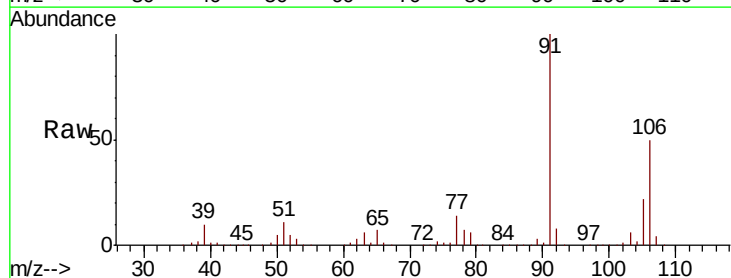
Instrument :
MSVOA_Y
ClientSampleId :

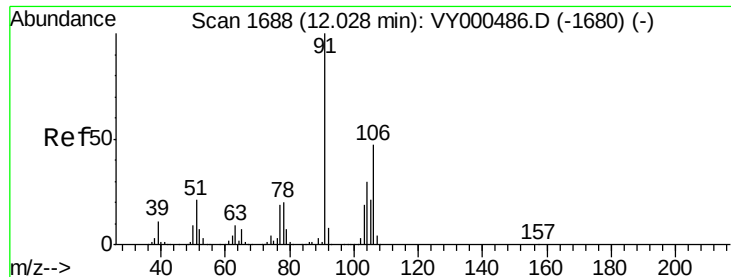
Tot Ion: 91 Resp: 663925
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#68
m/p-Xylenes
Concen: 108.456 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion: 106 Resp: 502451
Ion Ratio Lower Upper
106 100
91 201.2 155.9 233.9

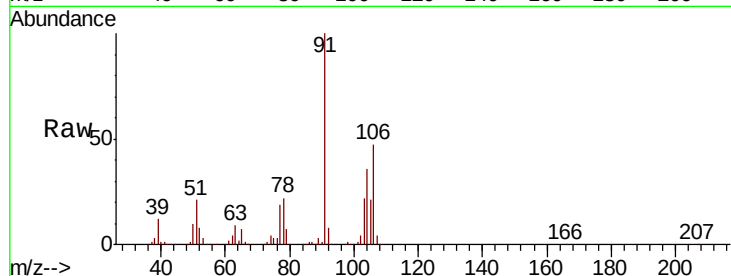




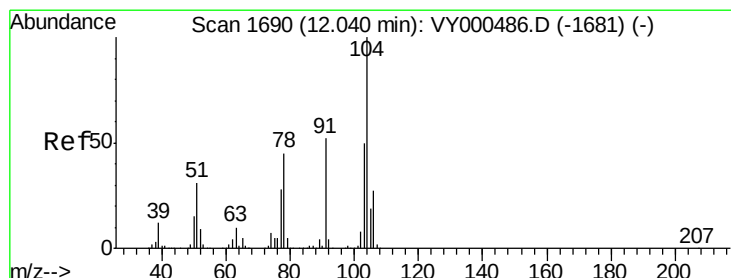
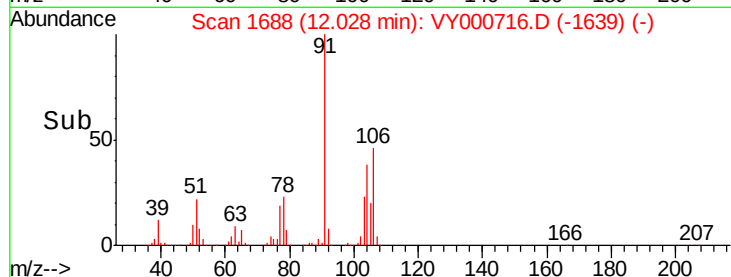
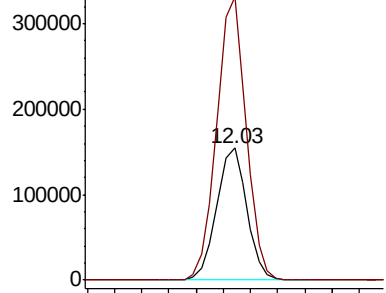
#69
o-Xylene
Concen: 55.058 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 239722
Ion Ratio Lower Upper
106 100
91 209.7 106.5 319.6

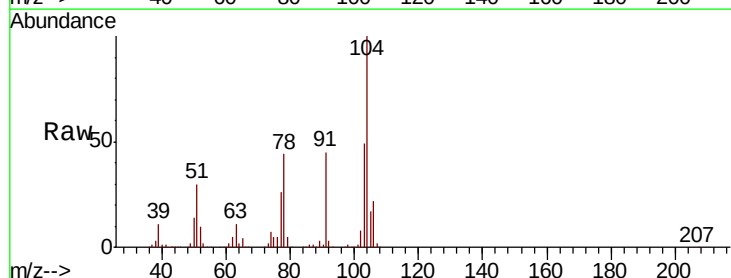


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

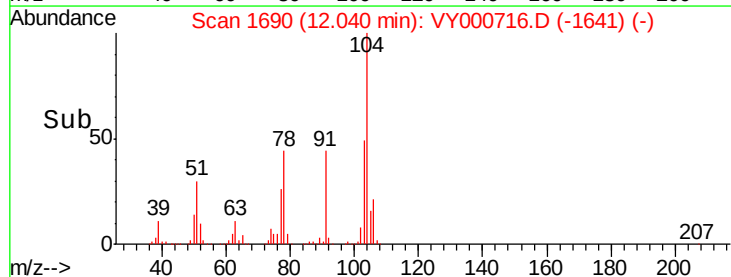
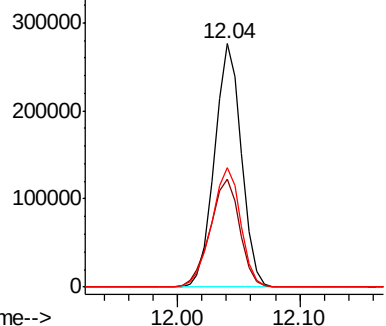


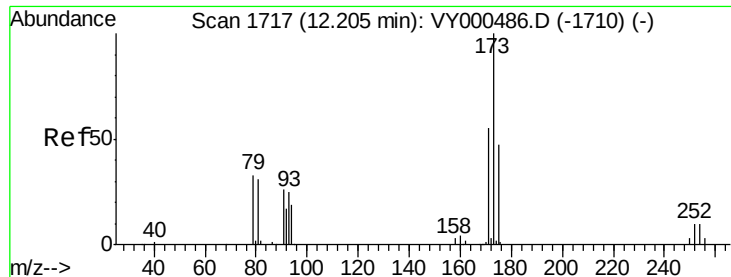
#70
Styrene
Concen: 56.424 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion:104 Resp: 420675
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 53.1 42.5 63.7



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: 57.949 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampleId :

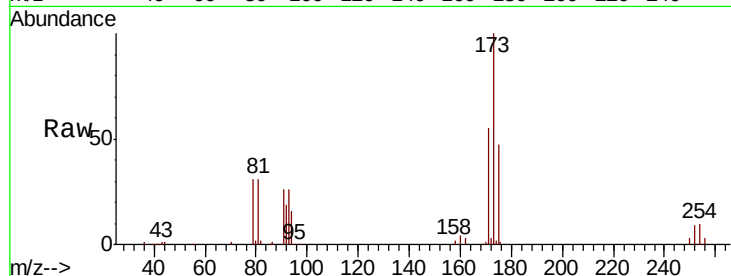
Tot Ion:173 Resp: 75180

Ion Ratio Lower Upper

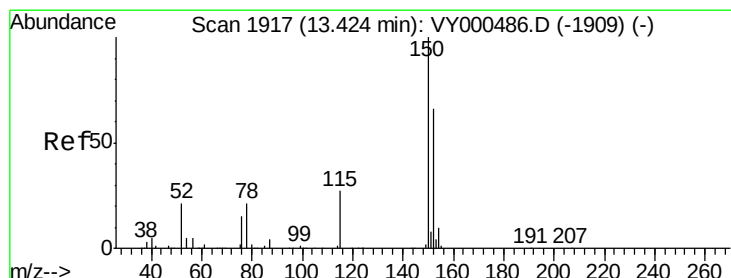
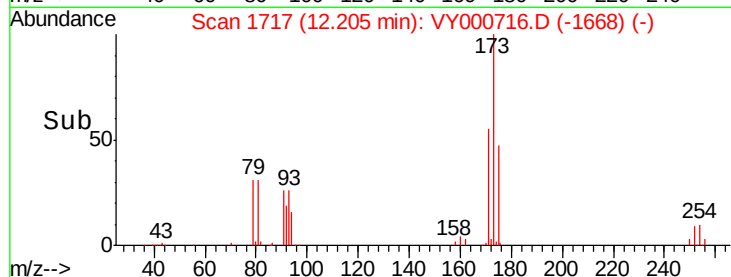
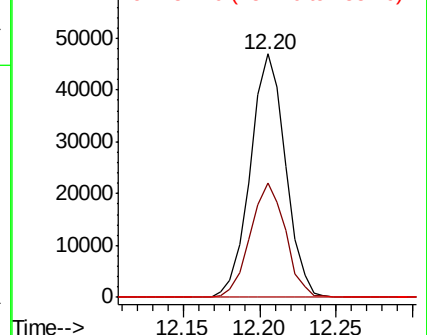
173 100

175 47.0 24.4 73.2

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

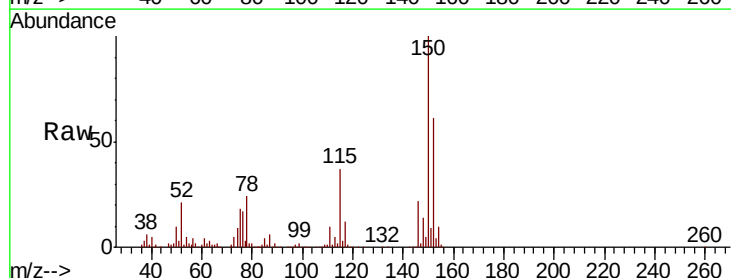
Tgt Ion:152 Resp: 160413

Ion Ratio Lower Upper

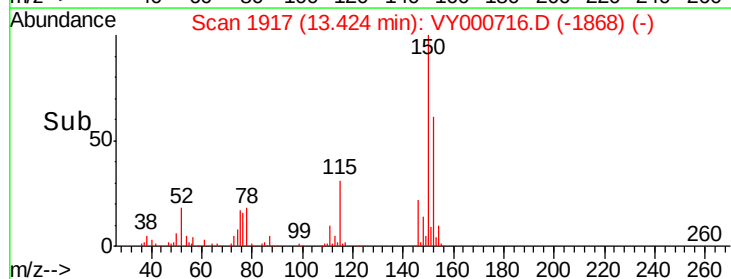
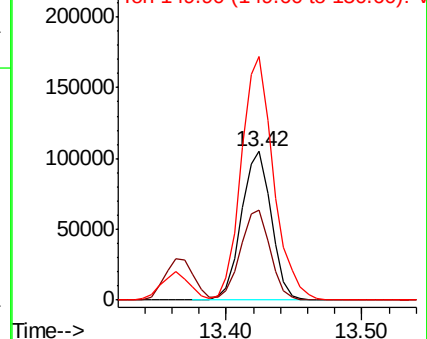
152 100

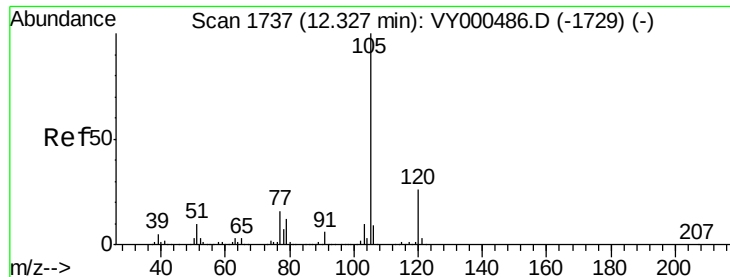
115 59.9 29.1 87.4

150 177.0 0.0 348.8



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





#73

Isopropylbenzene

Concen: 55.176 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

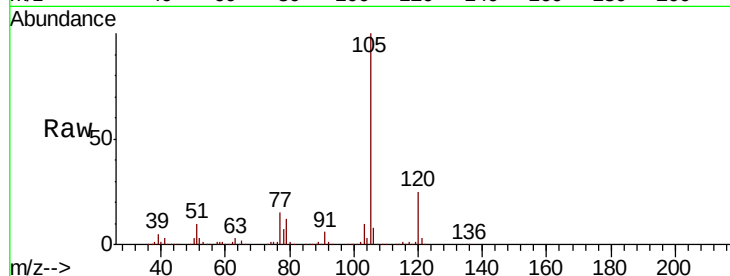
ClientSampleId :

Tot Ion:105 Resp: 654156

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

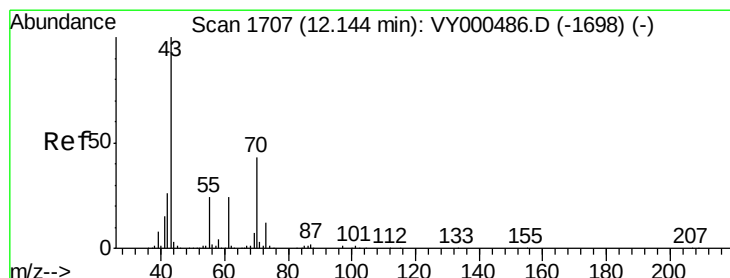
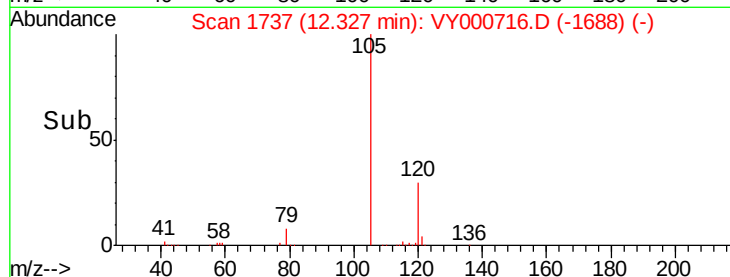
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 57.607 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Tgt Ion: 43 Resp: 195601

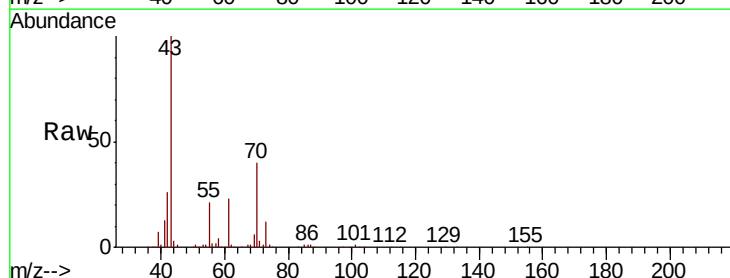
Ion Ratio Lower Upper

43 100

70 41.1 33.1 49.7

55 23.0 18.0 27.0

61 24.0 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

200000

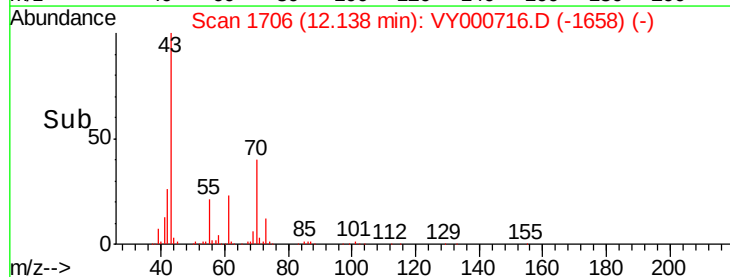
150000

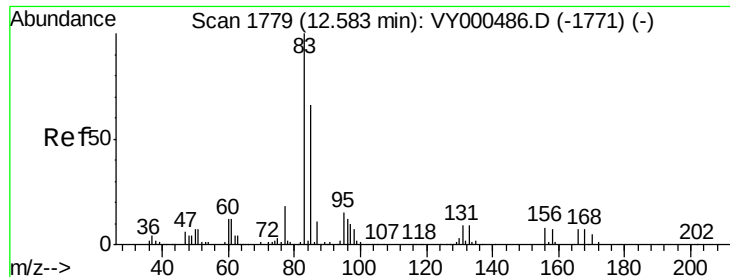
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.762 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampleId :

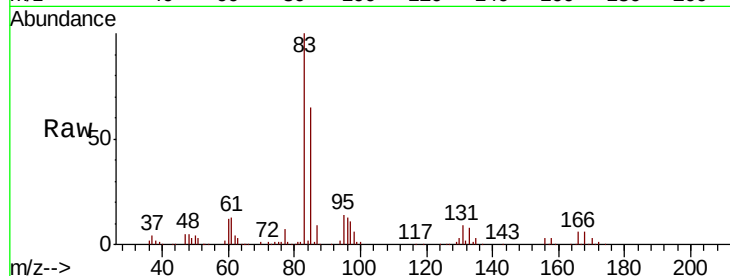
Tot Ion: 83 Resp: 135593

Ion Ratio Lower Upper

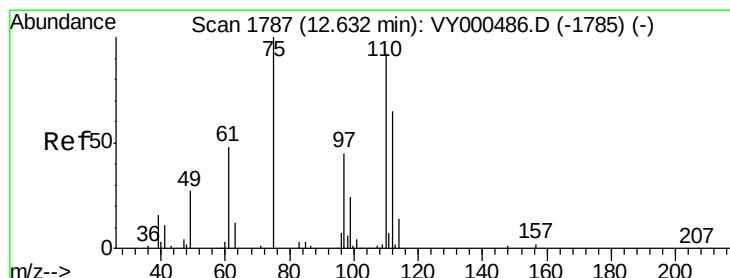
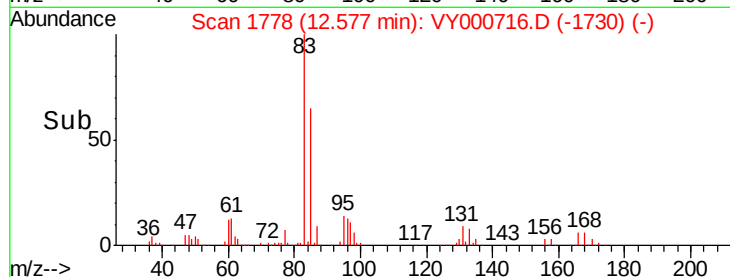
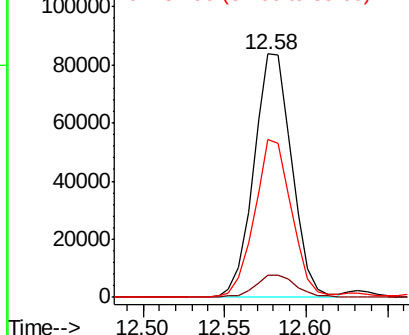
83 100

131 10.1 5.0 14.9

85 63.4 32.3 96.9



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: 99.613 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000716.D

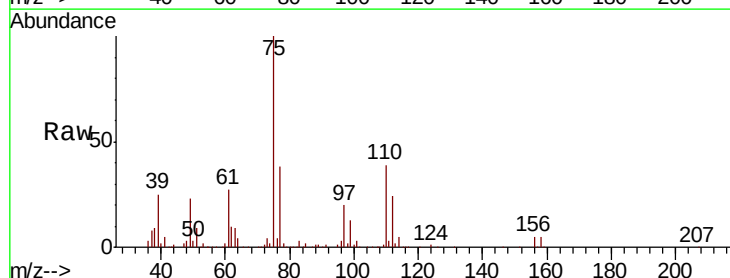
Acq: 15 Nov 2019 20:46

Tgt Ion: 75 Resp: 181946

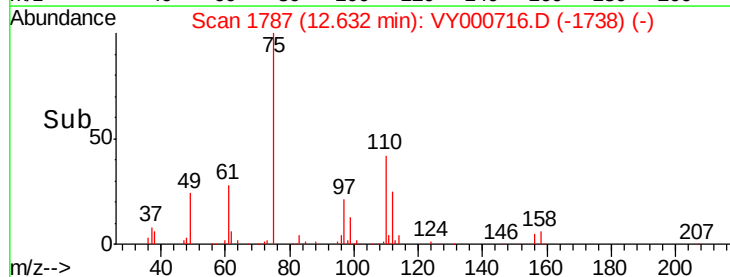
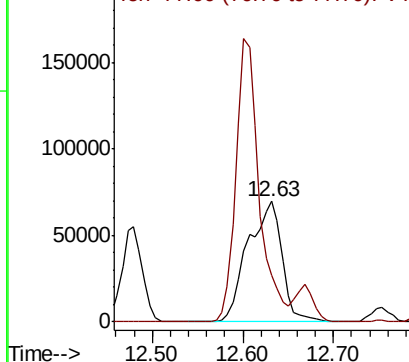
Ion Ratio Lower Upper

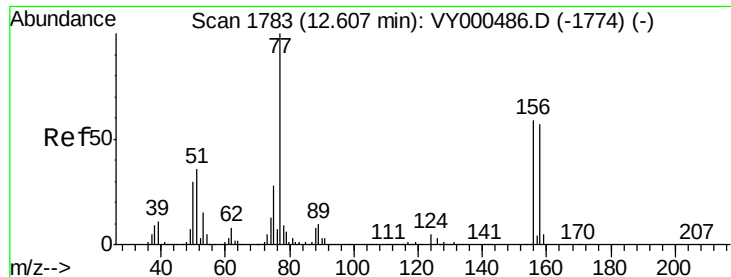
75 100

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: 54.324 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampleId :

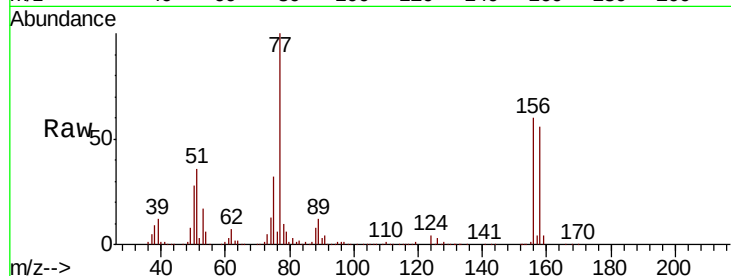
Tot Ion:156 Resp: 146051

Ion Ratio Lower Upper

156 100

77 200.5 98.2 294.4

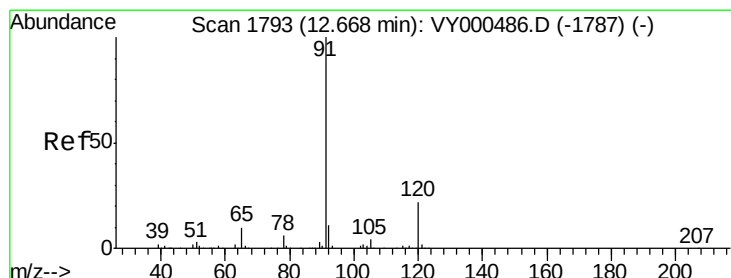
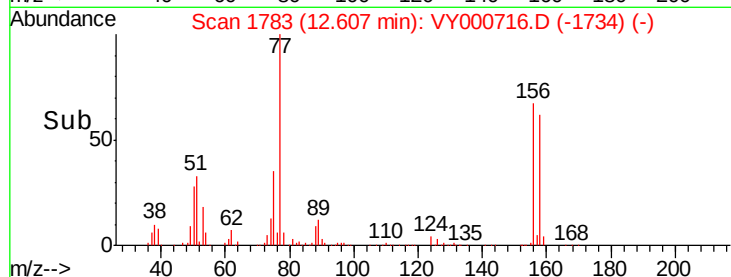
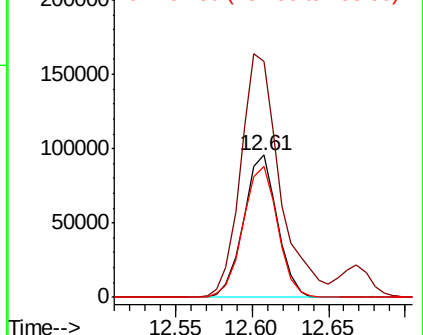
158 94.6 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.720 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000716.D

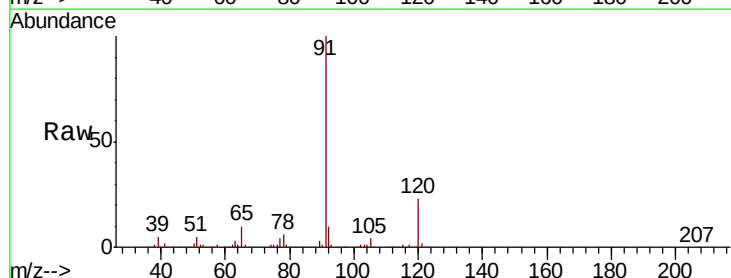
Acq: 15 Nov 2019 20:46

Tgt Ion: 91 Resp: 782772

Ion Ratio Lower Upper

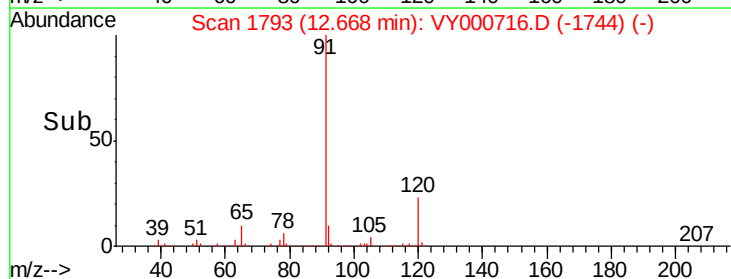
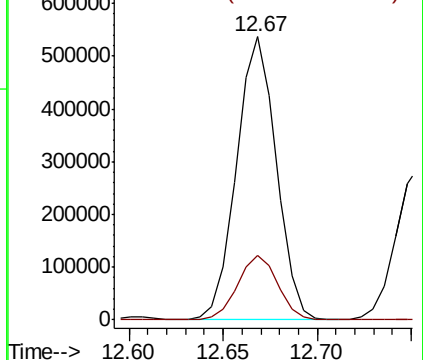
91 100

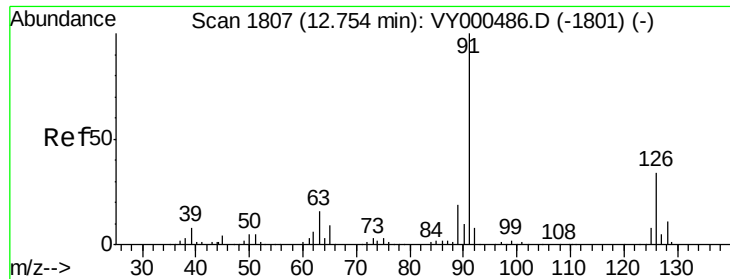
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.209 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

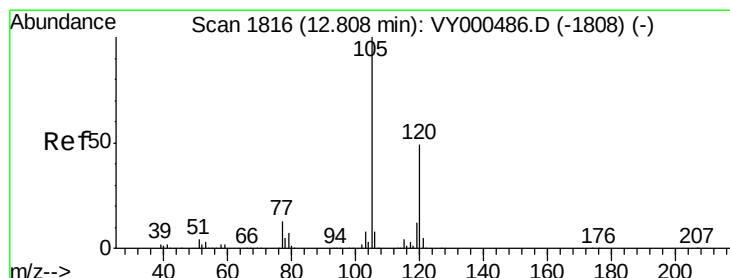
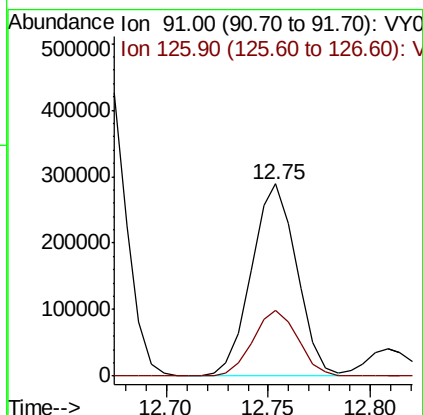
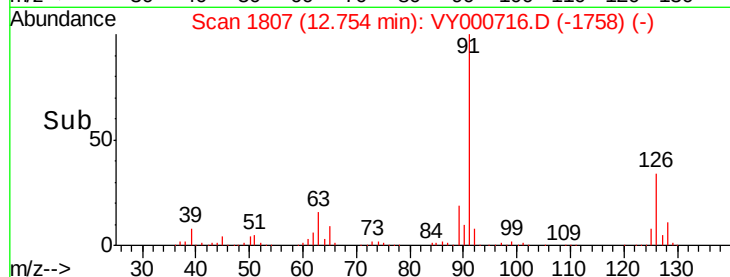
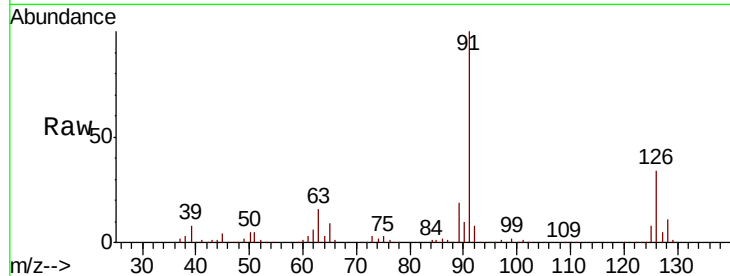
ClientSampled :

Tot Ion: 91 Resp: 446384

Ion Ratio Lower Upper

91 100

126 33.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 55.235 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000716.D

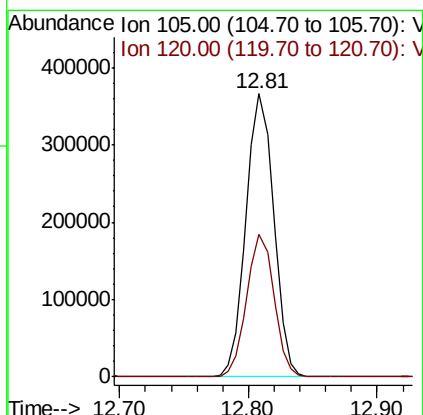
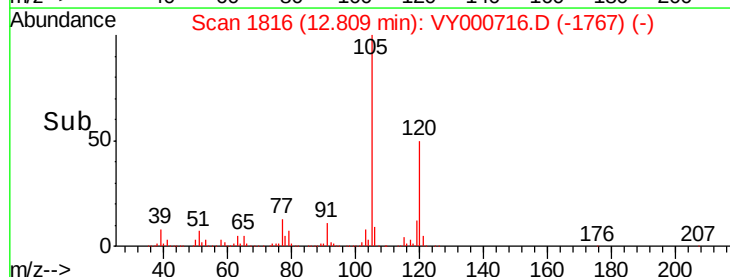
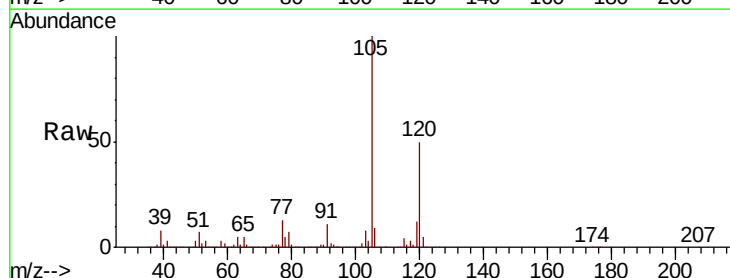
Acq: 15 Nov 2019 20:46

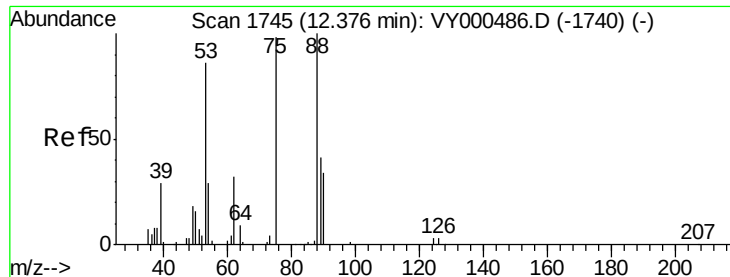
Tgt Ion: 105 Resp: 545394

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.191 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampled :

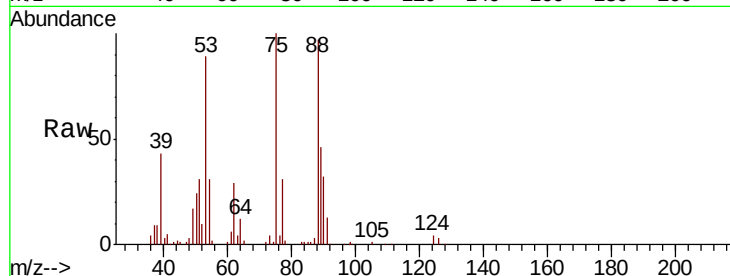
Tot Ion: 75 Resp: 45775

Ion Ratio Lower Upper

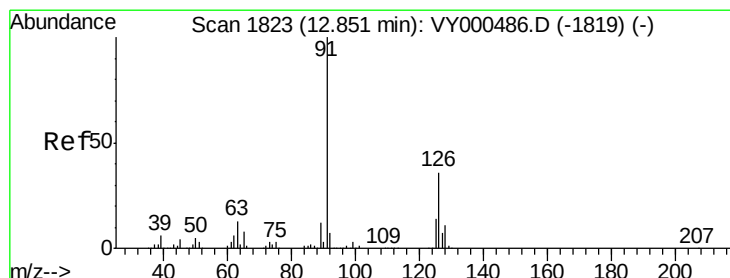
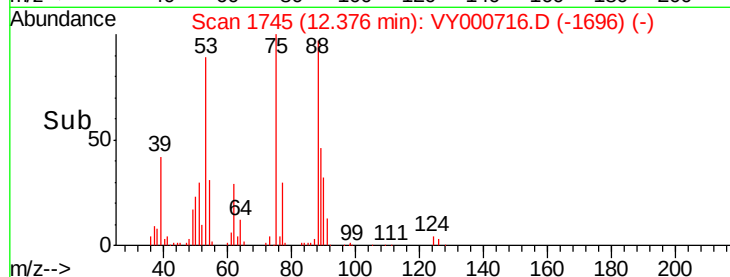
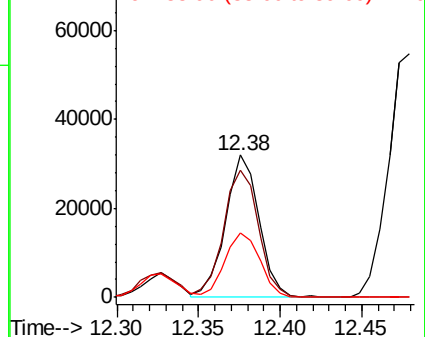
75 100

53 93.4 73.2 109.8

89 47.6 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 55.950 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000716.D

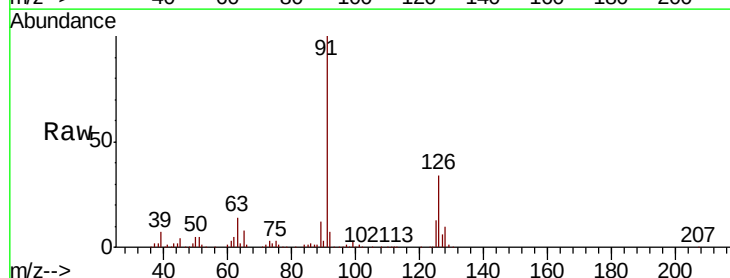
Acq: 15 Nov 2019 20:46

Tgt Ion: 91 Resp: 460580

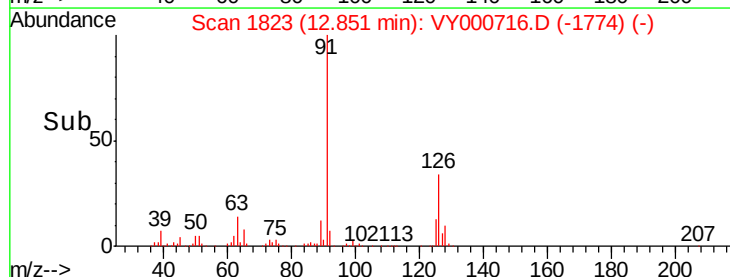
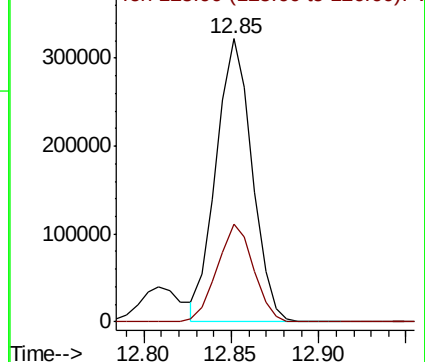
Ion Ratio Lower Upper

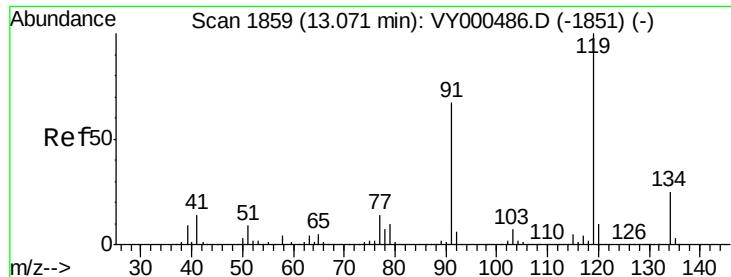
91 100

126 35.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

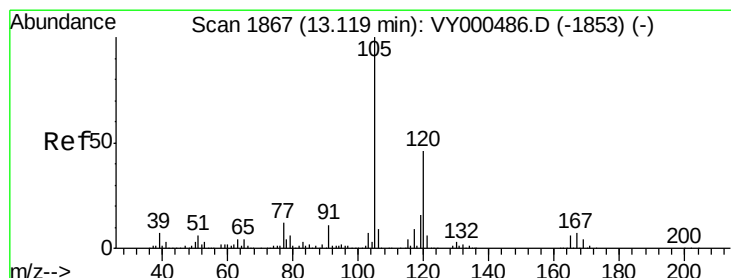
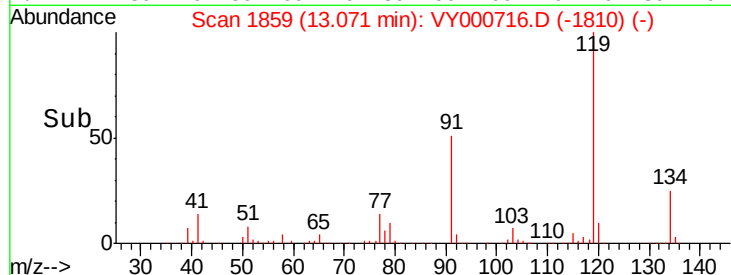
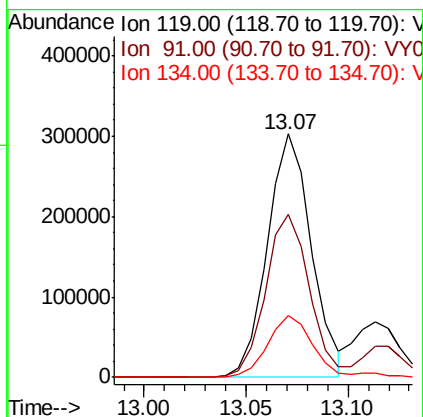
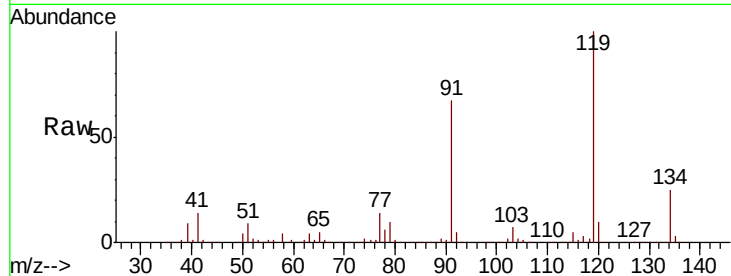




#83
 tert-Butylbenzene
 Concen: 53.947 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

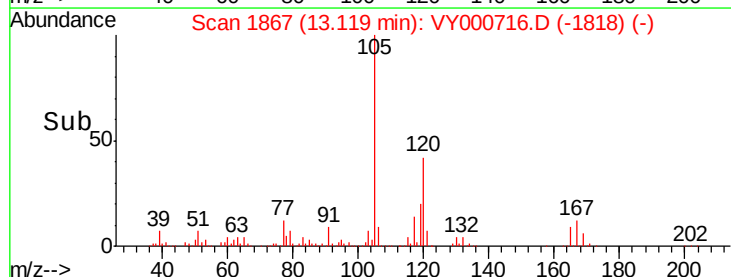
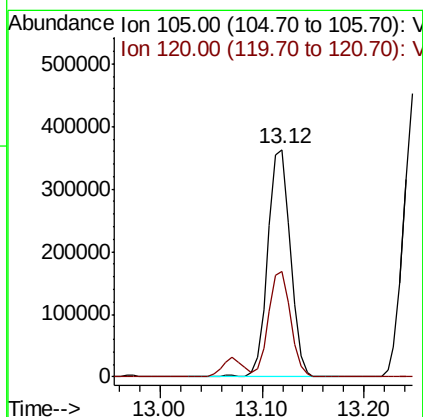
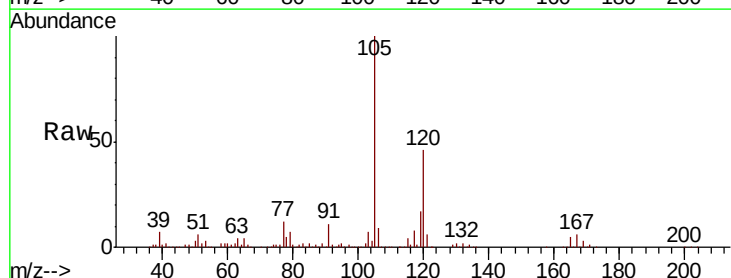
Instrument :
 MSVOA_Y
 ClientSampleId :

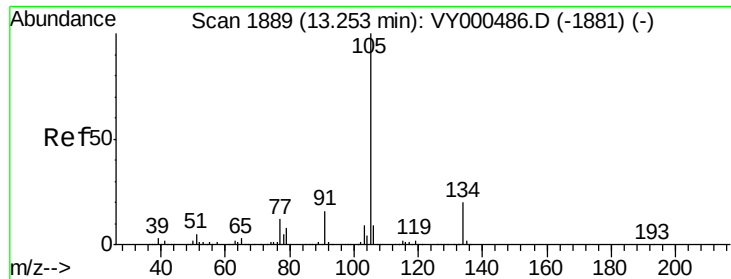
Tot Ion:119 Resp: 454816
 Ion Ratio Lower Upper
 119 100
 91 67.7 32.1 96.3
 134 26.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 56.537 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion:105 Resp: 555828
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 56.130 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

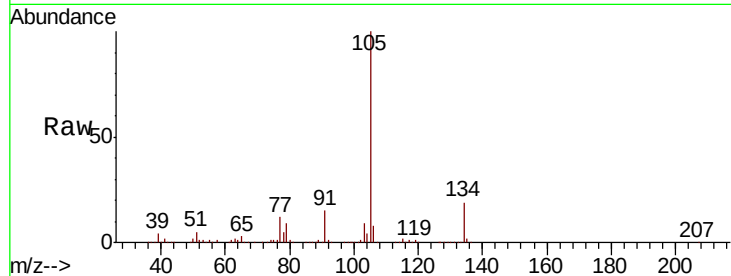
ClientSampled :

Tot Ion:105 Resp: 674212

Ion Ratio Lower Upper

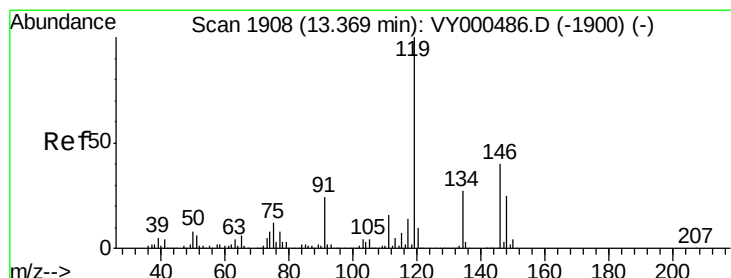
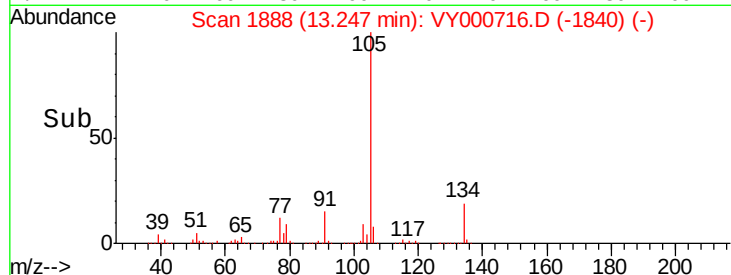
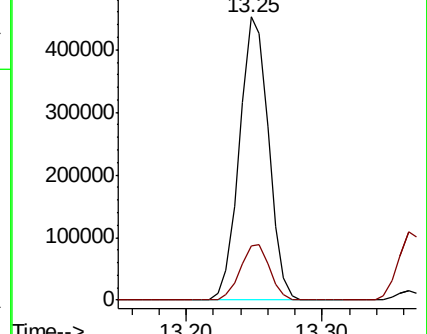
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.327 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

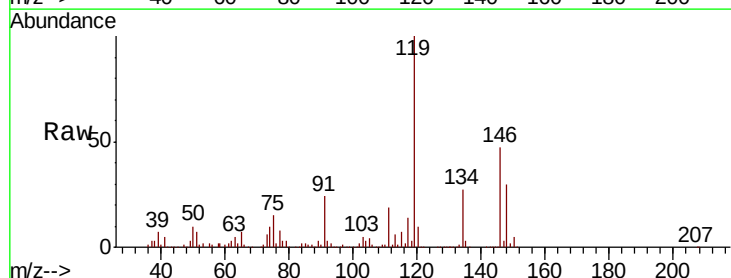
Tgt Ion:119 Resp: 592292

Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.8

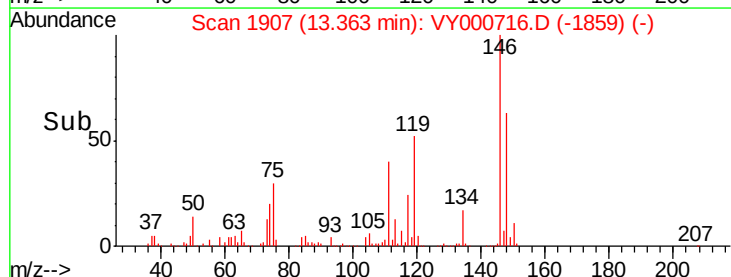
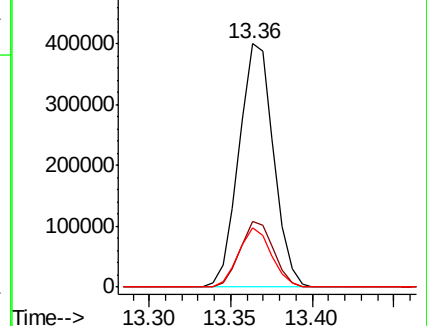
91 23.4 12.0 36.1

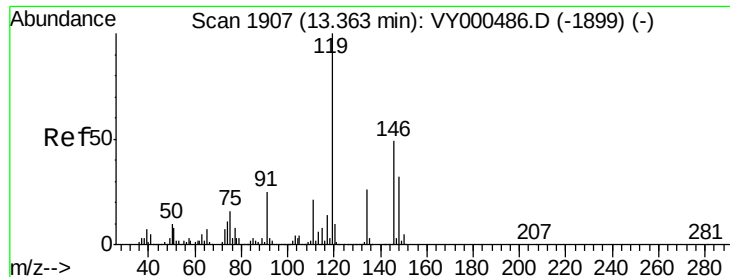


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

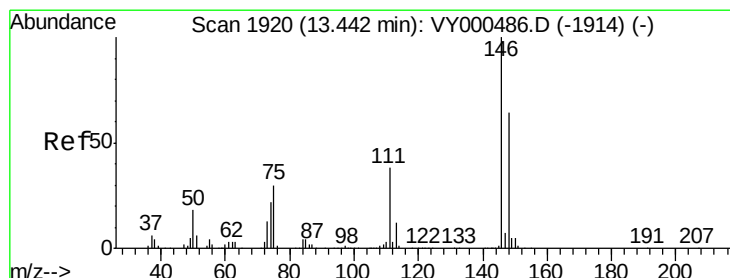
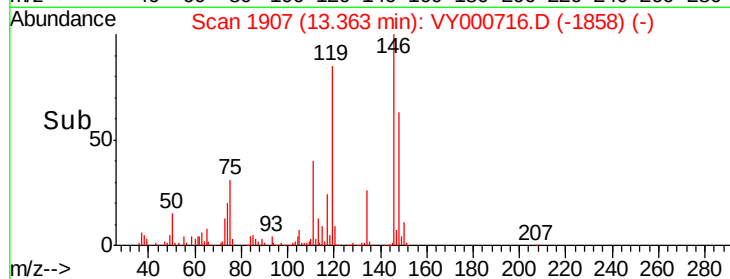
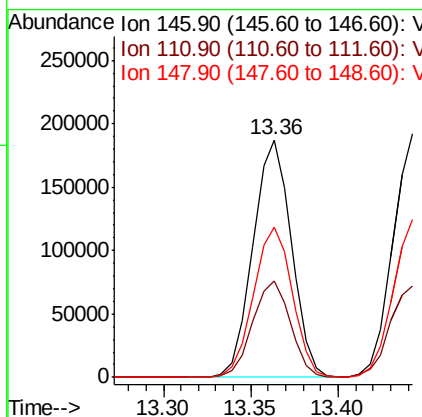
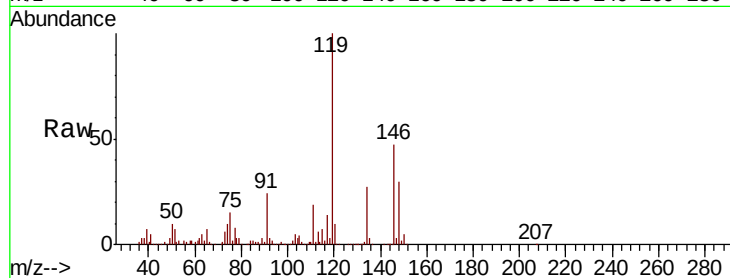




#87
 1,3-Dichlorobenzene
 Concen: 54.270 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

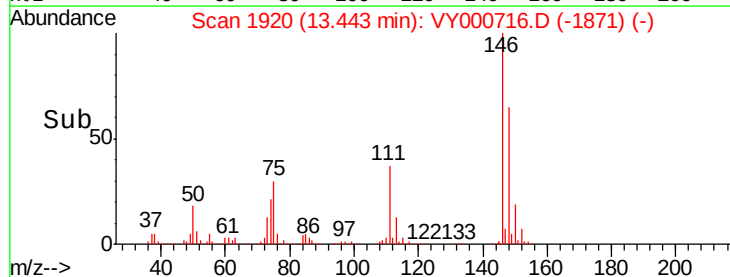
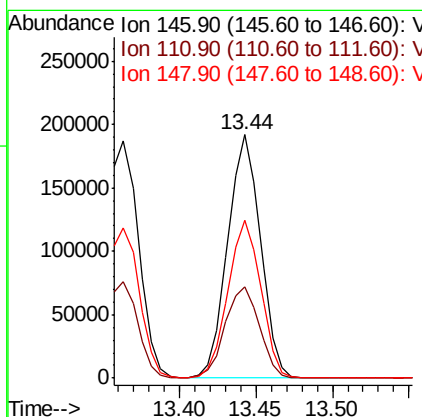
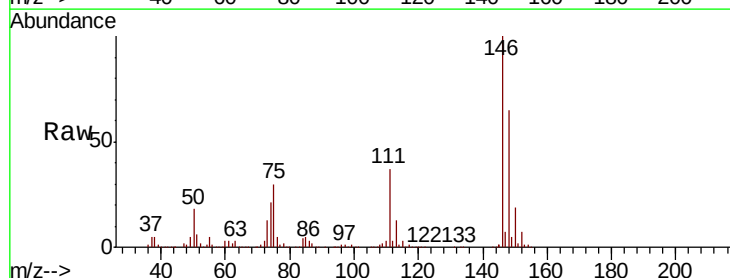
Instrument :
 MSVOA_Y
 ClientSampled :

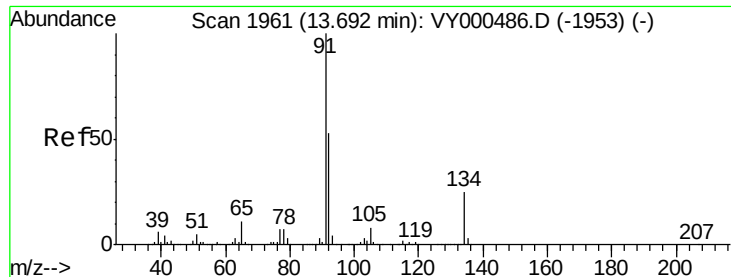
Tot Ion:146 Resp: 285788
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.8
 148 63.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 54.363 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion:146 Resp: 286066
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 65.1 31.9 95.7





#89

n-Butylbenzene

Concen: 55.118 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000716.D

Acq: 15 Nov 2019 20:46

Instrument :

MSVOA_Y

ClientSampled :

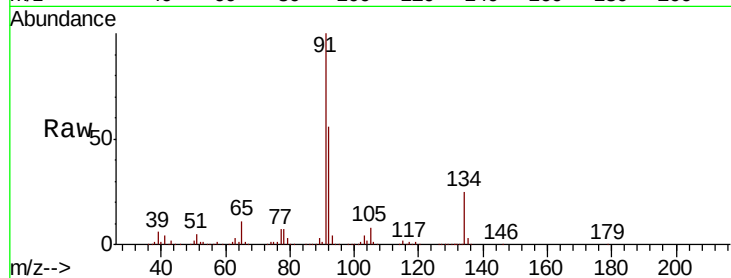
Tot Ion: 91 Resp: 581967

Ion Ratio Lower Upper

91 100

92 54.4 26.8 80.3

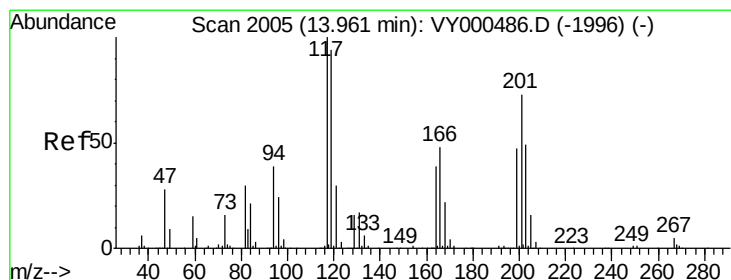
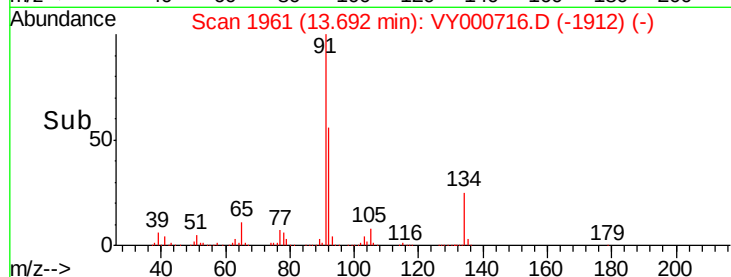
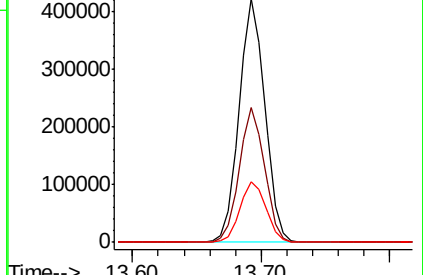
134 25.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000716.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000716.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000716.D (-1953) (-)



#90

Hexachloroethane

Concen: 56.057 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.01 min

Lab File: VY000716.D

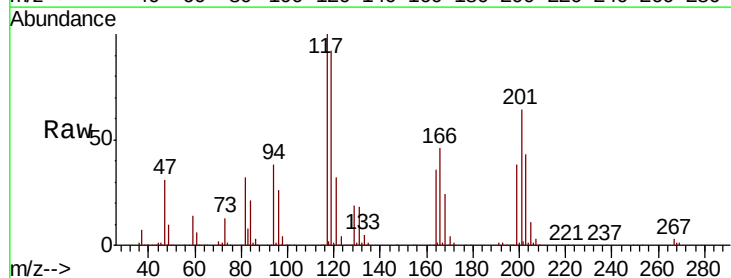
Acq: 15 Nov 2019 20:46

Tgt Ion: 117 Resp: 110941

Ion Ratio Lower Upper

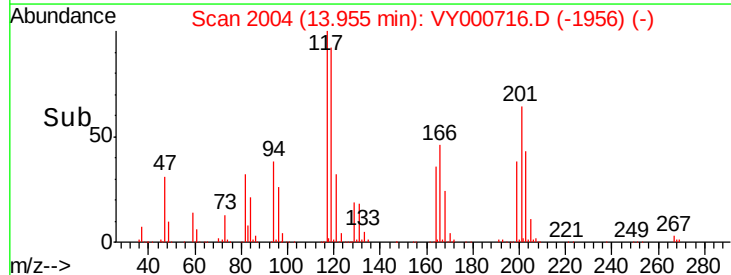
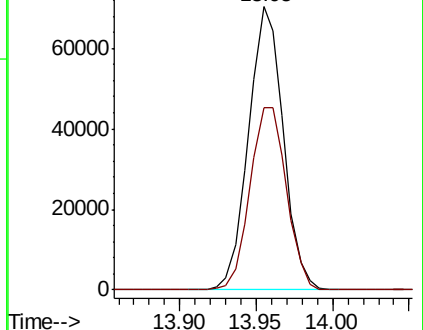
117 100

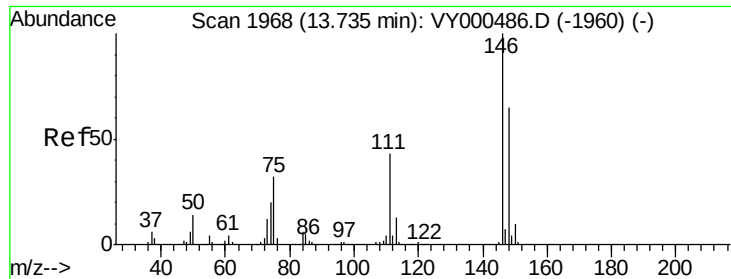
201 68.0 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000716.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY000716.D (-1996) (-)

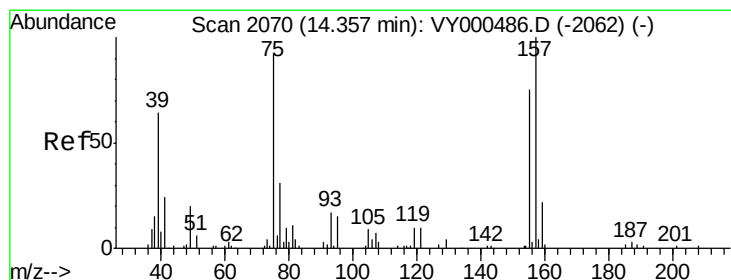
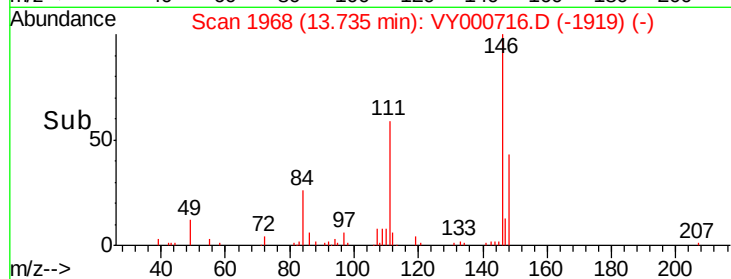
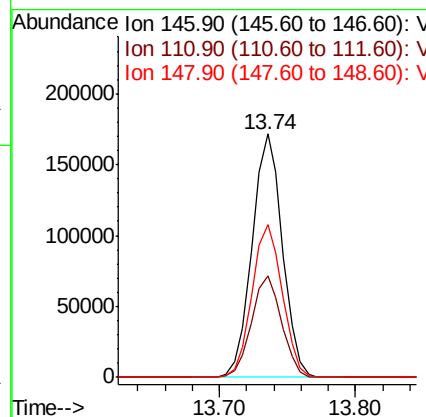
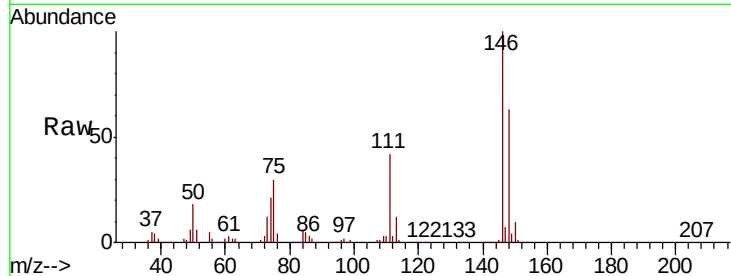




#91
 1,2-Dichlorobenzene
 Concen: 55.950 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

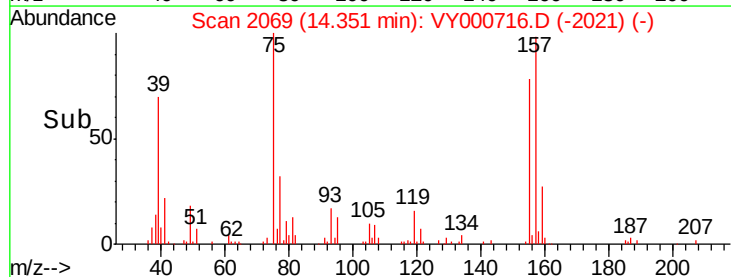
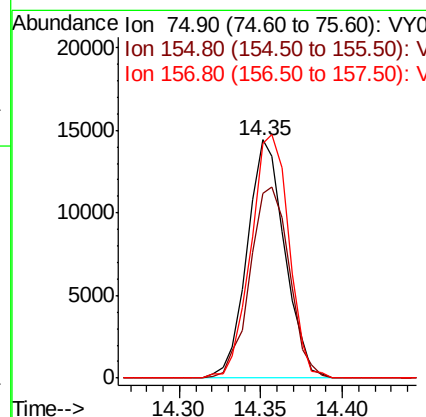
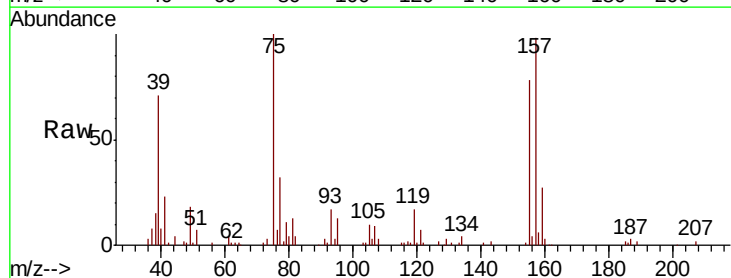
Instrument :
 MSVOA_Y
 ClientSampled :

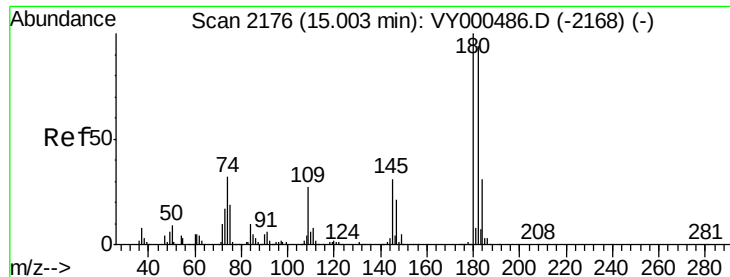
Tot Ion:146 Resp: 267321
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.5
 148 63.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.723 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion: 75 Resp: 23150
 Ion Ratio Lower Upper
 75 100
 155 84.2 42.4 127.1
 157 103.5 55.1 165.3

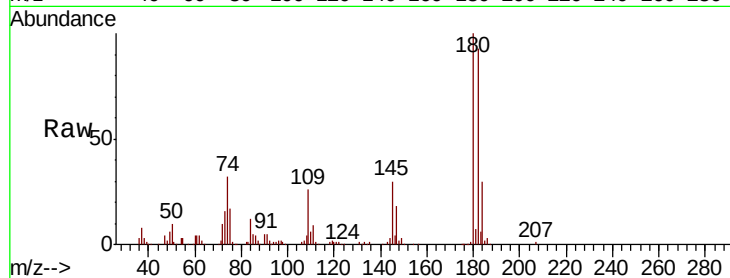




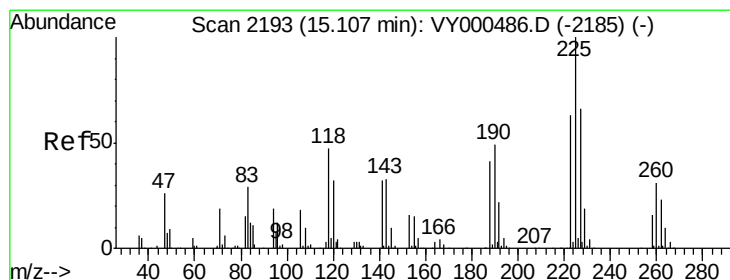
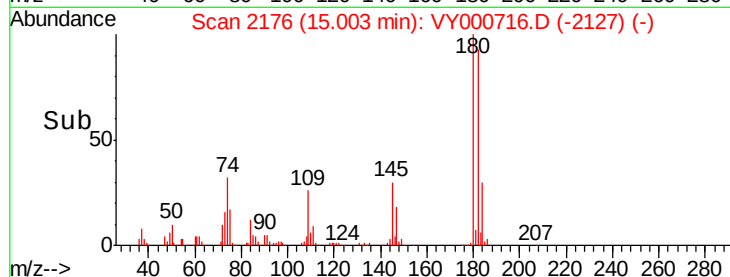
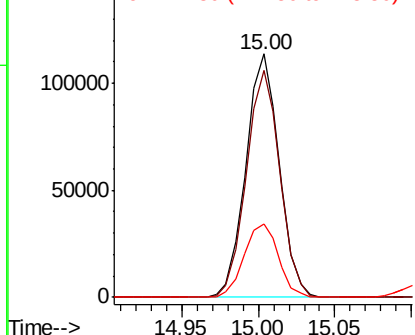
#93
 1,2,4-Trichlorobenzene
 Concen: 52.791 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 171741
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.8 143.4
 145 31.1 16.0 47.9

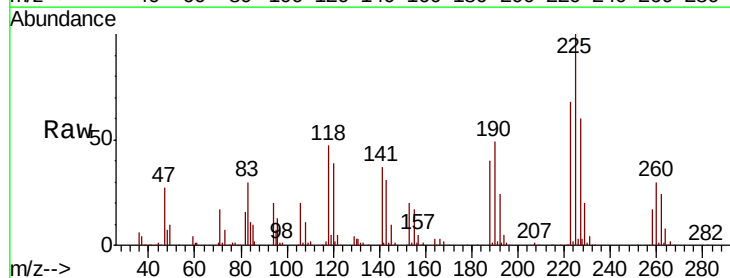


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

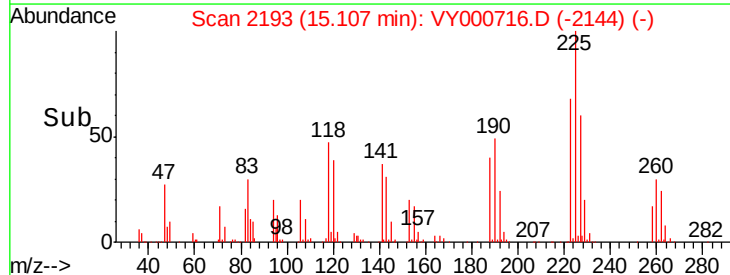
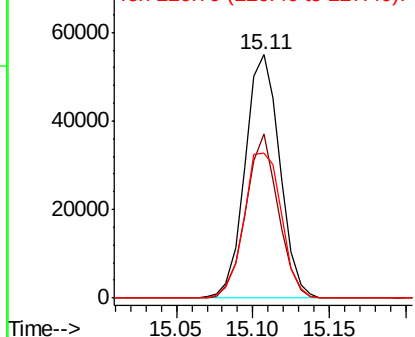


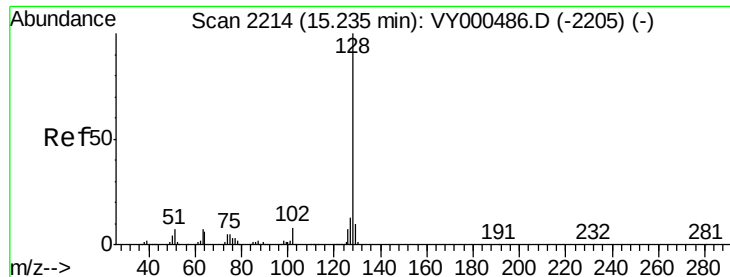
#94
 Hexachlorobutadiene
 Concen: 51.650 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000716.D
 Acq: 15 Nov 2019 20:46

Tgt Ion:225 Resp: 86616
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 64.4 32.4 97.0



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

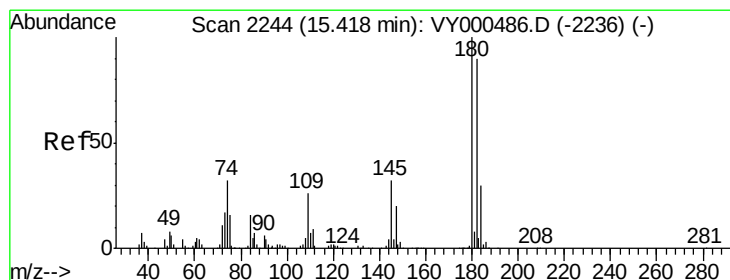
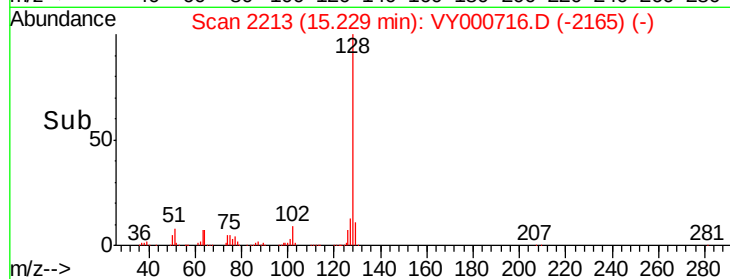
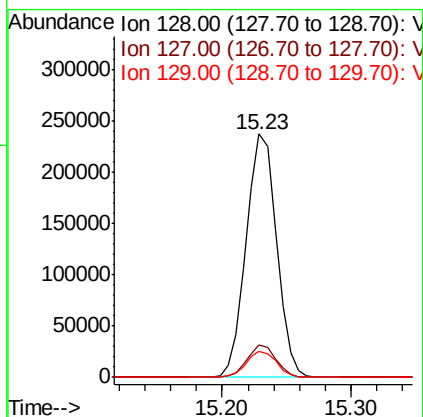
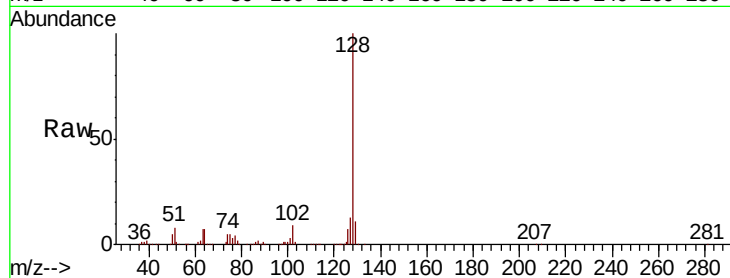




#95
Naphthalene
Concen: 53.496 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 386351
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.567 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000716.D
Acq: 15 Nov 2019 20:46

Tgt Ion:180 Resp: 156344
Ion Ratio Lower Upper
180 100
182 92.6 47.4 142.3
145 32.6 15.7 47.0

