

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000409.D
 Acq On : 24 Oct 2019 15:03
 Operator : SY/MD
 Sample : VY1024SBSD02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:39:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	349455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	118808	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
35) Dibromofluoromethane	7.73	113	108968	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
50) Toluene-d8	10.18	98	432978	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.48	95	153827	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	42723	23.272	ug/l	89
3) Chloromethane	2.11	50	64998	25.177	ug/l	95
4) Vinyl Chloride	2.25	62	55795	21.415	ug/l	95
5) Bromomethane	2.63	94	33121	17.153	ug/l	90
6) Chloroethane	2.79	64	36979	21.997	ug/l	97
7) Trichlorofluoromethane	3.12	101	79506	22.309	ug/l	92
8) Diethyl Ether	3.54	74	31998	25.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48513	22.446	ug/l	98
10) Methyl Iodide	4.10	142	53794	18.245	ug/l	99
11) Tert butyl alcohol	4.97	59	23070	98.921	ug/l	97
12) 1,1-Dichloroethene	3.87	96	45644	21.392	ug/l	93
13) Acrolein	3.74	56	20939	76.581	ug/l	98
14) Allyl chloride	4.49	41	74957	21.199	ug/l	100
15) Acrylonitrile	5.17	53	73379	104.129	ug/l	97
16) Acetone	3.96	43	71231	98.701	ug/l	99
17) Carbon Disulfide	4.19	76	134675	20.047	ug/l	98
18) Methyl Acetate	4.49	43	39714	22.148	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	131478	22.135	ug/l	97
20) Methylene Chloride	4.72	84	81624	31.563	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	52797	21.567	ug/l	94
22) Diisopropyl ether	6.13	45	165765	22.165	ug/l	95
23) Vinyl Acetate	6.07	43	516195	105.800	ug/l	96
24) 1,1-Dichloroethane	6.03	63	90051	22.060	ug/l	98
25) 2-Butanone	7.00	43	107505	105.747	ug/l	94
26) 2,2-Dichloropropane	6.99	77	83745	22.264	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58304	22.010	ug/l	100
28) Bromochloromethane	7.34	49	35339	20.166	ug/l	98
29) Tetrahydrofuran	7.36	42	64151	104.122	ug/l	99
30) Chloroform	7.52	83	90694	22.061	ug/l	99
31) Cyclohexane	7.79	56	89738	21.048	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	80439	22.009	ug/l	98
36) 1,1-Dichloropropene	7.92	75	72681	21.243	ug/l	100
37) Ethyl Acetate	7.09	43	40930	20.204	ug/l	98
38) Carbon Tetrachloride	7.91	117	70302	21.222	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	93704	20.926	ug/l	97
40) Benzene	8.17	78	212595	21.502	ug/l	97
41) Methacrylonitrile	7.35	41	56968	59.076	ug/l #	27
42) 1,2-Dichloroethane	8.25	62	62084	21.982	ug/l	98
43) Isopropyl Acetate	8.28	43	81373	21.125	ug/l	99
44) Trichloroethene	8.95	130	58420	21.058	ug/l	99
45) 1,2-Dichloropropane	9.22	63	54286	22.373	ug/l	99
46) Dibromomethane	9.31	93	28524	21.029	ug/l	97
47) Bromodichloromethane	9.50	83	69460	21.729	ug/l	97
48) Methyl methacrylate	9.30	41	35220	20.863	ug/l	98
49) 1,4-Dioxane	9.31	88	8999	442.480	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	212616	107.016	ug/l	100
52) Toluene	10.25	92	134503	21.426	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	72745	21.234	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	84208	21.644	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	44782	22.707	ug/l	92
56) Ethyl methacrylate	10.52	69	58784	20.912	ug/l	98
57) 1,3-Dichloropropane	10.80	76	75044	22.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	138357	123.397	ug/l	100
59) 2-Hexanone	10.83	43	154453	110.755	ug/l	98
60) Dibromochloromethane	10.99	129	48276	22.085	ug/l	98
61) 1,2-Dibromoethane	11.09	107	40377	21.323	ug/l	98
64) Tetrachloroethene	10.72	164	60566	20.399	ug/l	96
65) Chlorobenzene	11.52	112	143467	21.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	51657	22.342	ug/l	98
67) Ethyl Benzene	11.60	91	261753	21.452	ug/l	100
68) m/p-Xylenes	11.70	106	202567	43.428	ug/l	100
69) o-Xylene	12.03	106	95287	21.414	ug/l	98
70) Styrene	12.04	104	159081	21.198	ug/l	100
71) Bromoform	12.21	173	28012	21.075	ug/l #	99
73) Isopropylbenzene	12.33	105	253301	20.947	ug/l	99
74) N-amyl acetate	12.14	43	66197	22.298	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	49944	21.997	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	66911	35.087	ug/l #	100
77) Bromobenzene	12.61	156	57815	21.486	ug/l	96
78) n-propylbenzene	12.67	91	303889	20.930	ug/l	99
79) 2-Chlorotoluene	12.75	91	167298	20.865	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	214050	21.110	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17529	20.111	ug/l	96
82) 4-Chlorotoluene	12.85	91	179718	21.204	ug/l	99
83) tert-Butylbenzene	13.07	119	185278	21.577	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	212105	21.194	ug/l	100
85) sec-Butylbenzene	13.25	105	260580	20.977	ug/l	98
86) p-Isopropyltoluene	13.37	119	232721	21.489	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	113380	21.385	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	115572	21.809	ug/l	97
89) n-Butylbenzene	13.69	91	225456	21.067	ug/l	99
90) Hexachloroethane	13.96	117	44471	22.176	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	104503	21.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8319	19.319	ug/l	97

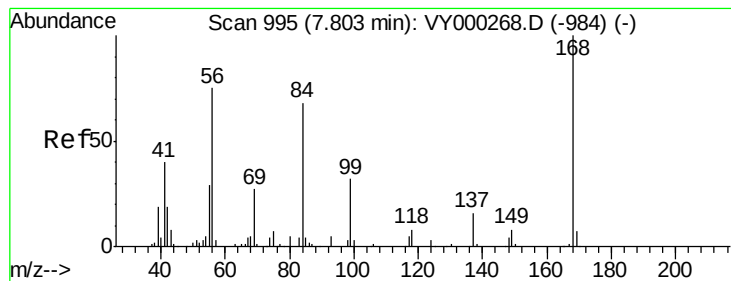
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	71284	21.339	ug/l	98
94) Hexachlorobutadiene	15.11	225	38711	21.413	ug/l	98
95) Naphthalene	15.23	128	152785	20.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	64872	21.547	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: VY000409.D

Acq: 24 Oct 2019 15:03

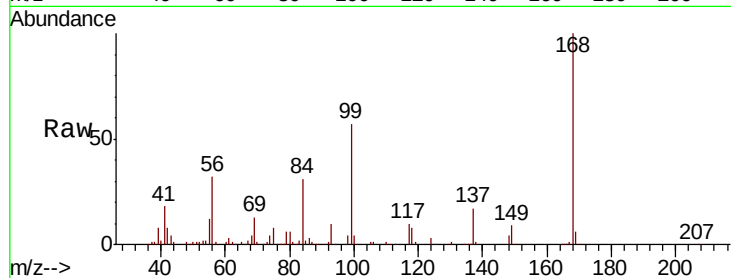
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 211265

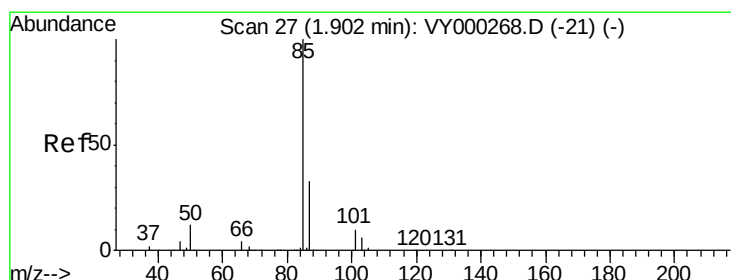
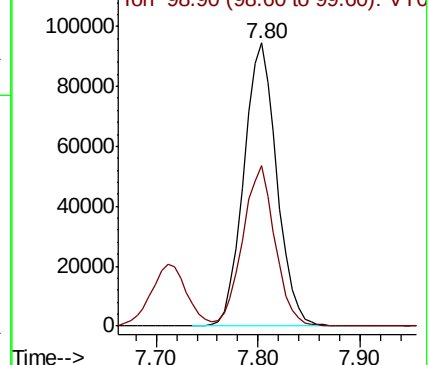
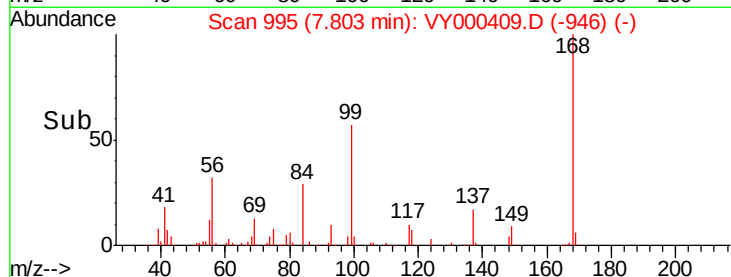
Ion Ratio Lower Upper

168 100

99 56.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000409.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 23.272 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000409.D

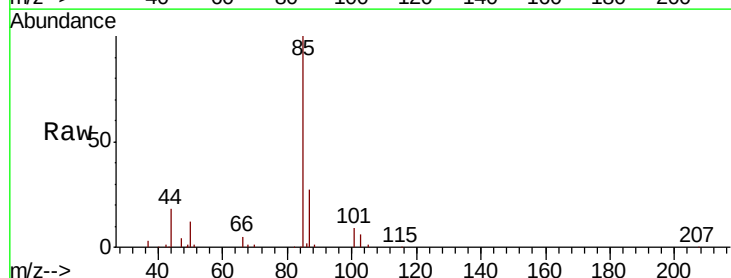
Acq: 24 Oct 2019 15:03

Tgt Ion: 85 Resp: 42723

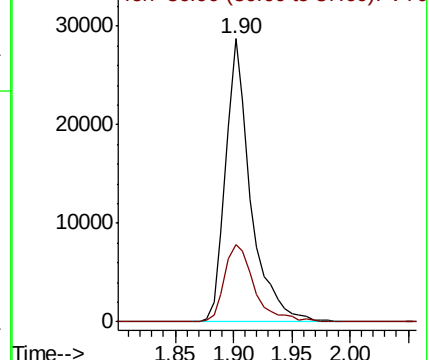
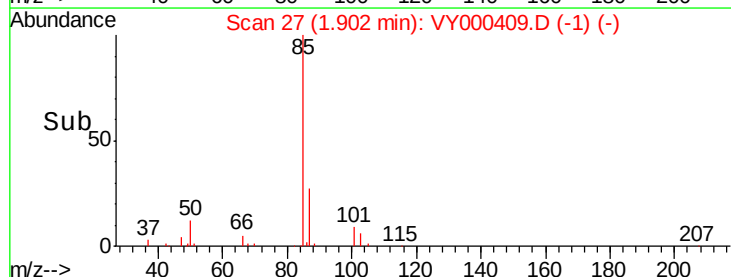
Ion Ratio Lower Upper

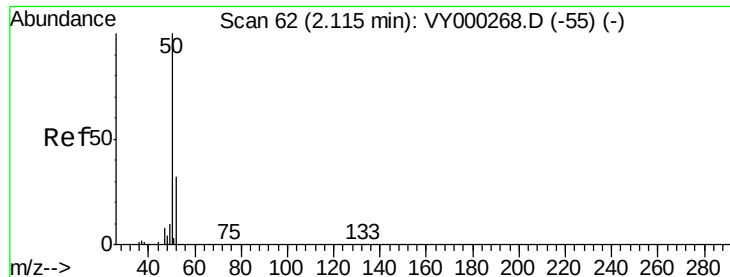
85 100

87 27.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000409.D (-1) (-)

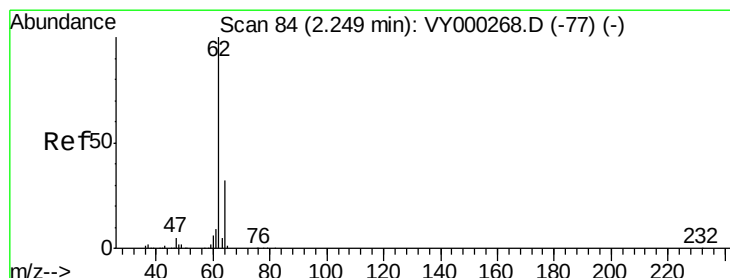
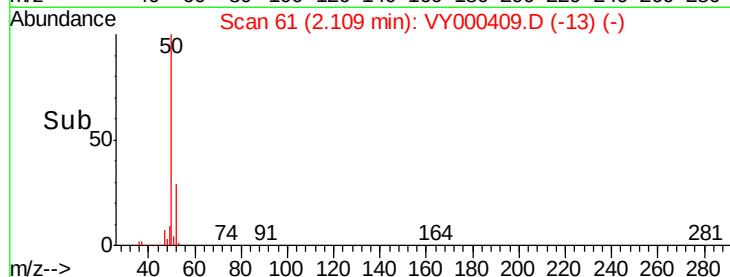
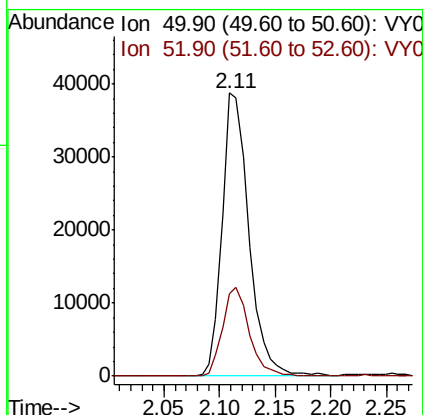
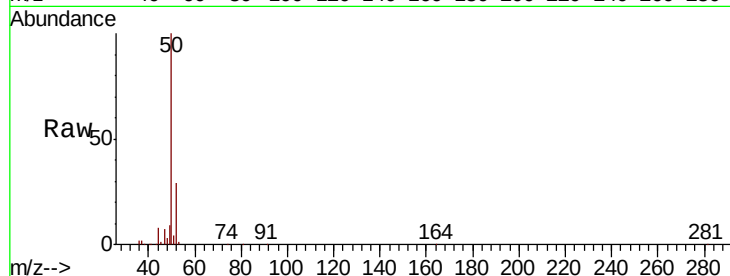




#3
Chloromethane
Concen: 25.177 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

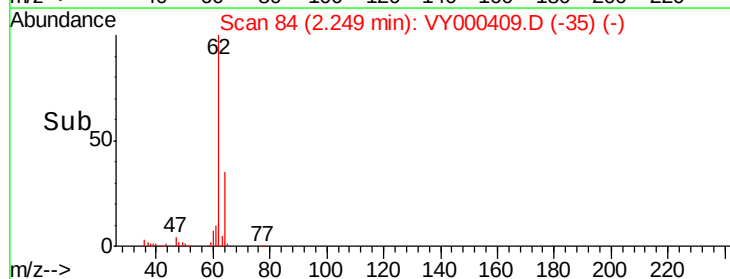
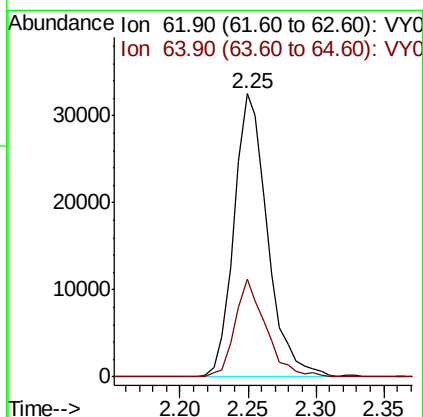
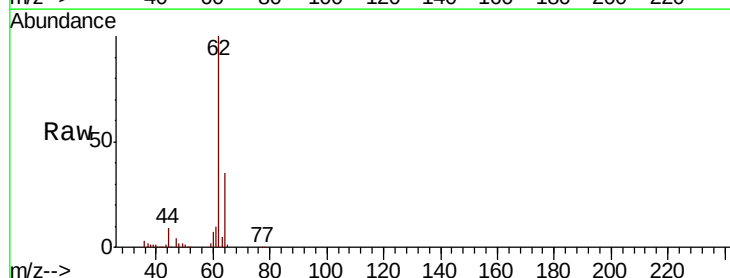
Instrument :
MSVOA_Y
ClientSampleId :

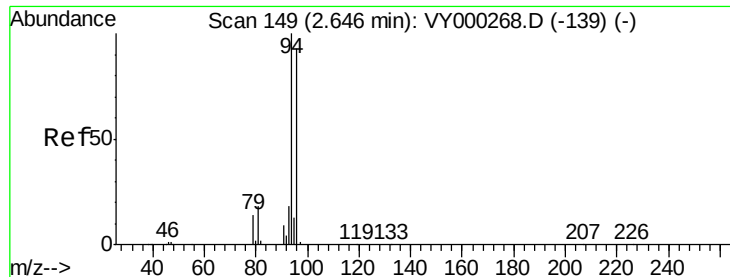
Tot Ion: 50 Resp: 64998
Ion Ratio Lower Upper
50 100
52 29.1 25.3 37.9



#4
Vinyl Chloride
Concen: 21.415 ug/l
RT: 2.25 min Scan# 84
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 62 Resp: 55795
Ion Ratio Lower Upper
62 100
64 34.7 25.6 38.4





#5

Bromomethane

Concen: 17.153 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

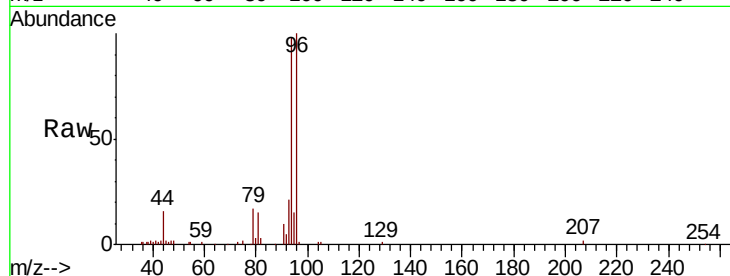
ClientSampleId :

Tot Ion: 94 Resp: 33121

Ion Ratio Lower Upper

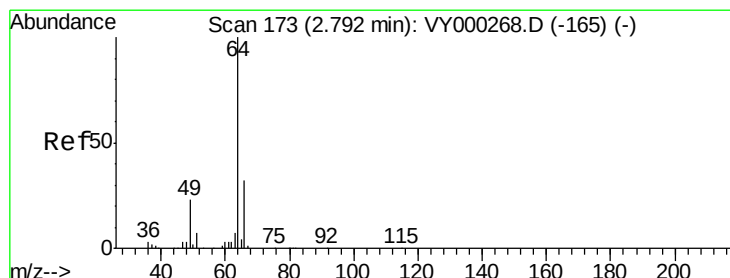
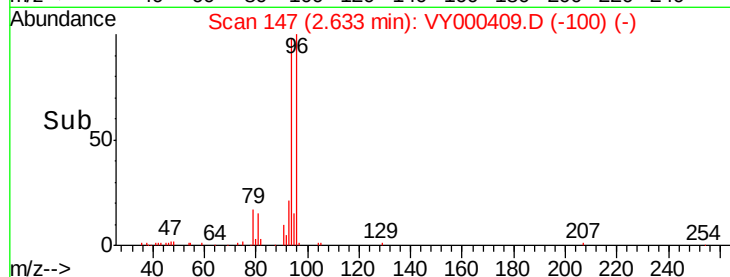
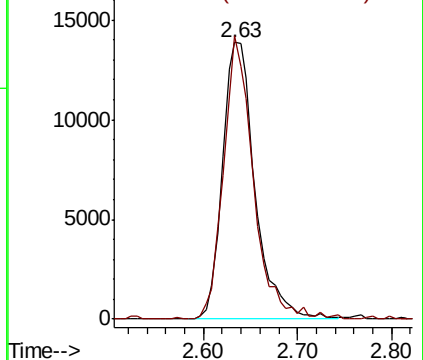
94 100

96 102.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.997 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000409.D

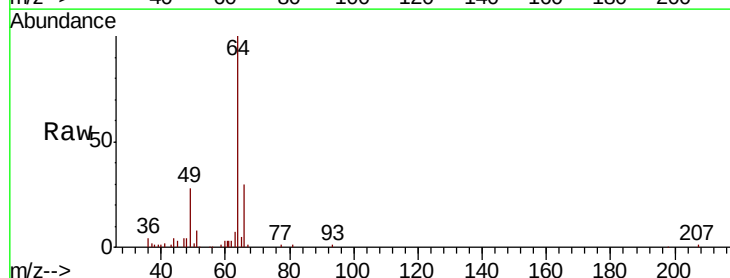
Acq: 24 Oct 2019 15:03

Tgt Ion: 64 Resp: 36979

Ion Ratio Lower Upper

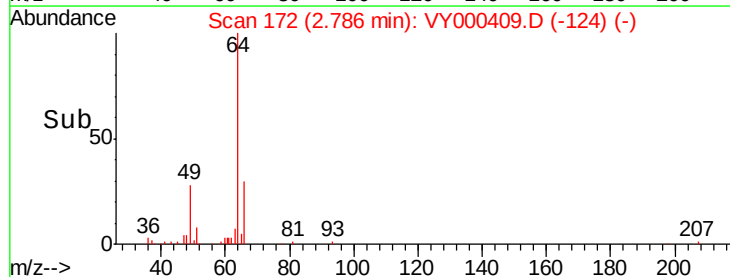
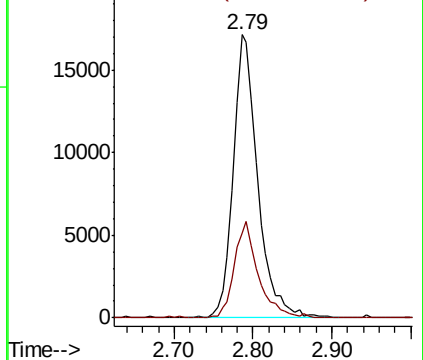
64 100

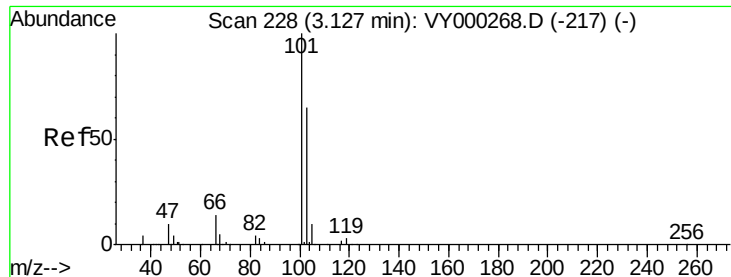
66 30.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



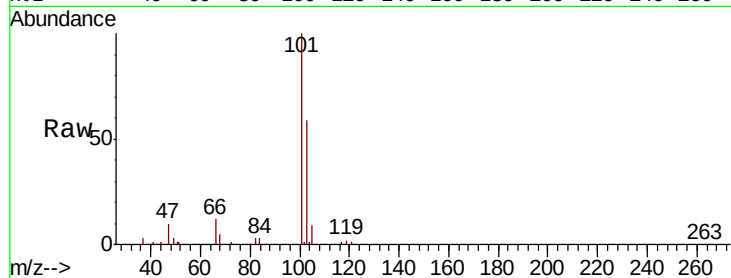


#7

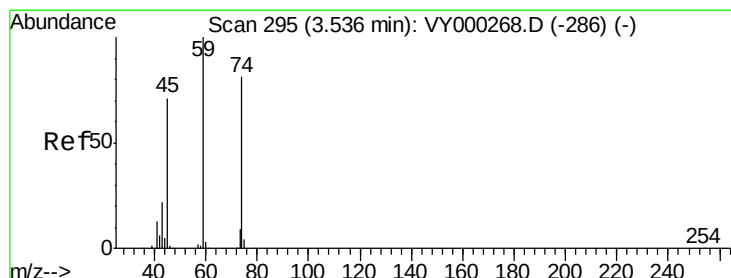
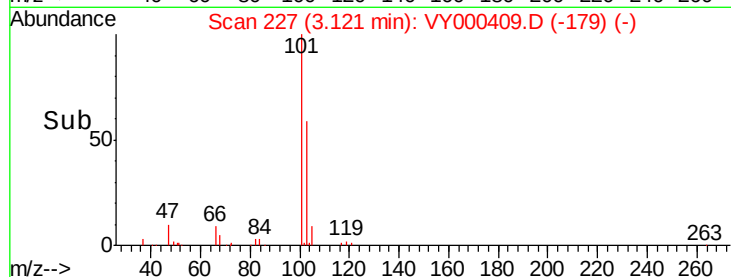
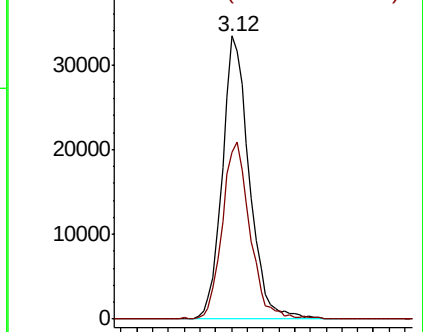
Trichlorofluoromethane
Concen: 22.309 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 79506
Ion Ratio Lower Upper
101 100
103 58.8 52.2 78.4



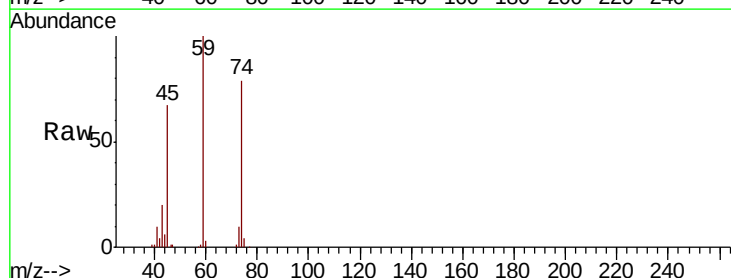
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



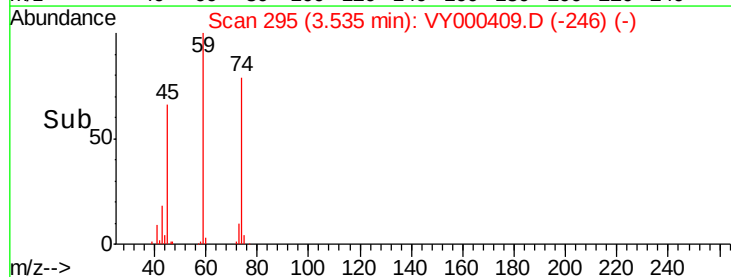
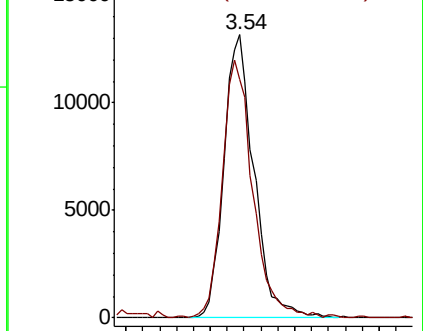
#8

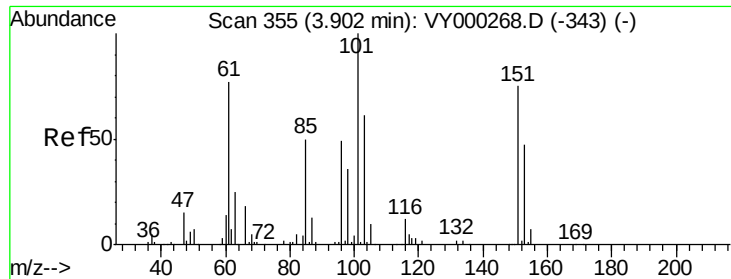
Diethyl Ether
Concen: 25.415 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 74 Resp: 31998
Ion Ratio Lower Upper
74 100
45 93.0 47.1 141.4



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.446 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

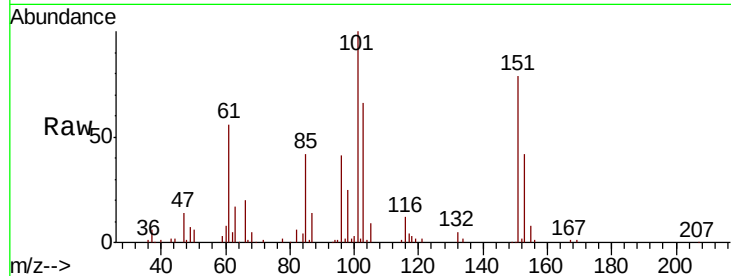
Tot Ion:101 Resp: 48513

Ion Ratio Lower Upper

101 100

85 46.4 36.6 55.0

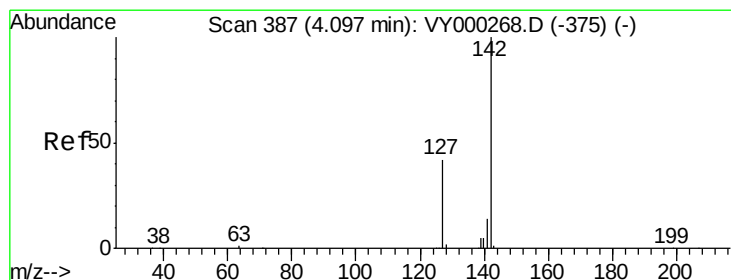
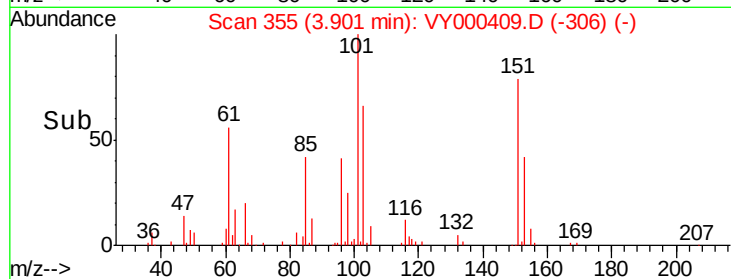
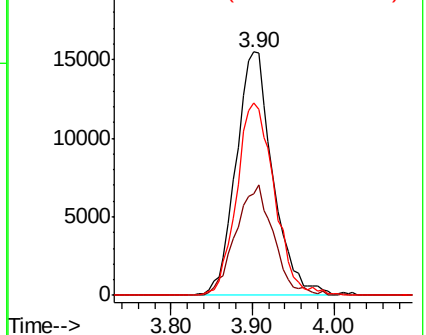
151 81.1 63.1 94.7



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: 18.245 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

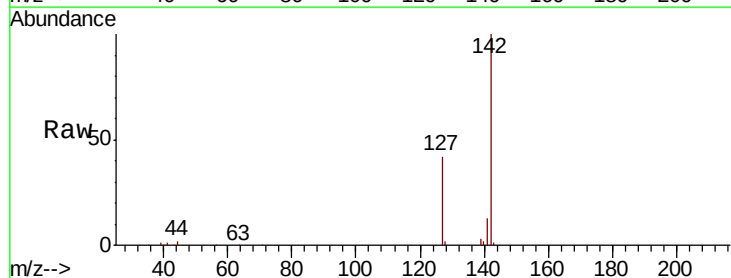
Tgt Ion:142 Resp: 53794

Ion Ratio Lower Upper

142 100

127 41.5 33.9 50.9

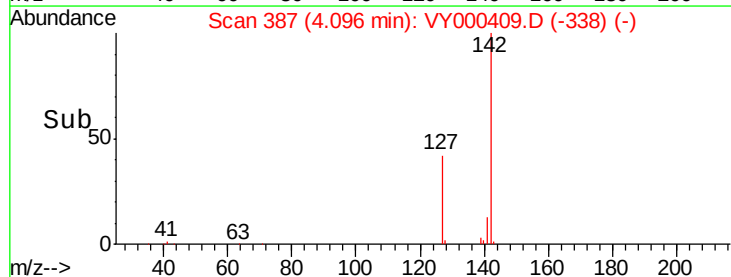
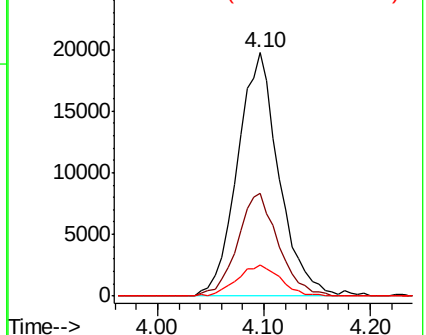
141 13.3 11.2 16.8

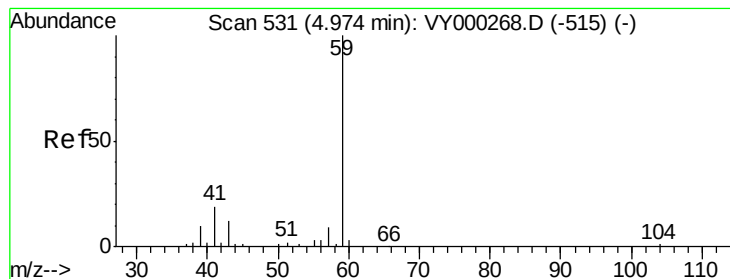


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



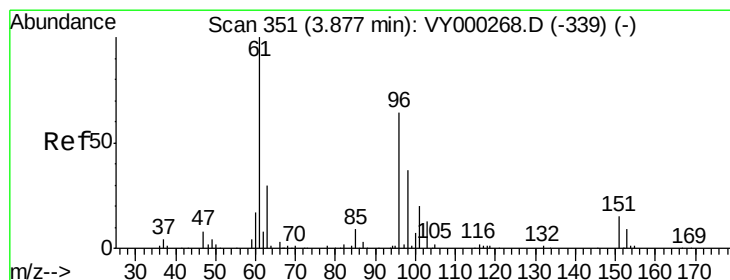
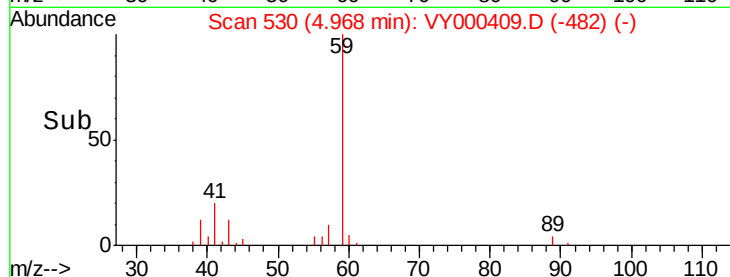
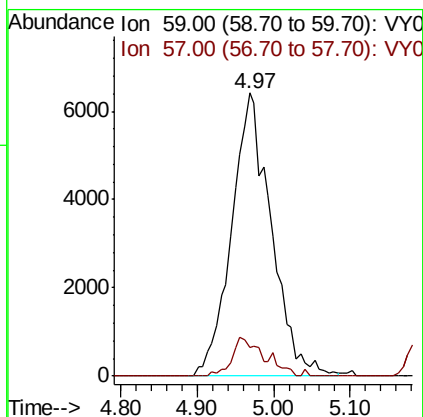
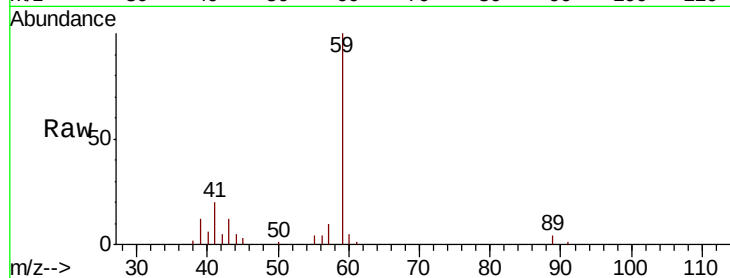


#11

Tert butyl alcohol
 Concen: 98.921 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Instrument :
 MSVOA_Y
 ClientSampled :

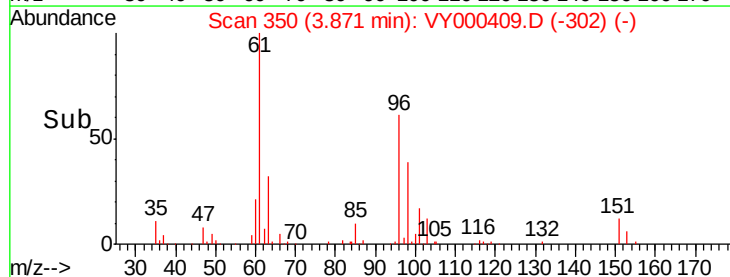
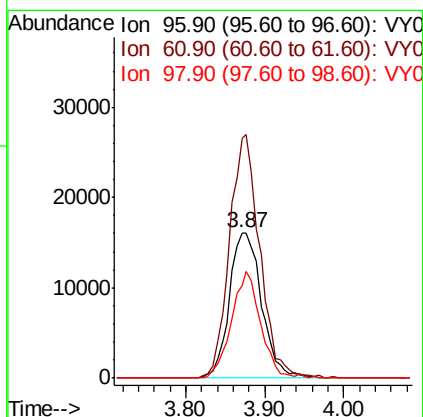
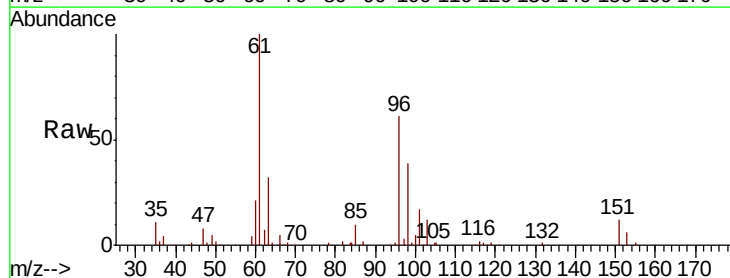
Tot Ion: 59 Resp: 23070
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.2 12.2

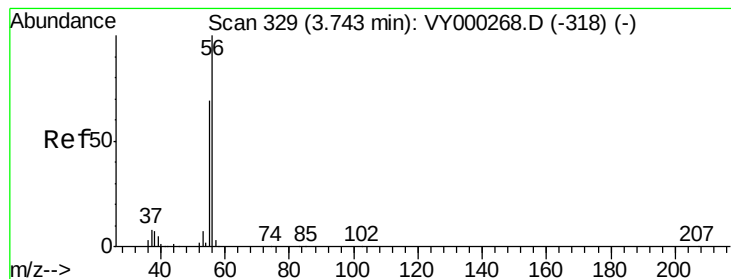


#12

1,1-Dichloroethene
 Concen: 21.392 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion: 96 Resp: 45644
 Ion Ratio Lower Upper
 96 100
 61 164.9 125.8 188.6
 98 64.0 46.2 69.2





#13

Acrolein

Concen: 76.581 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

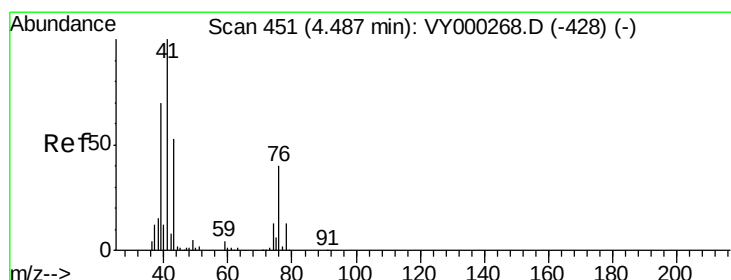
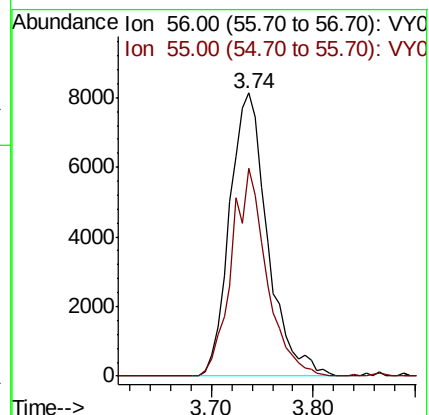
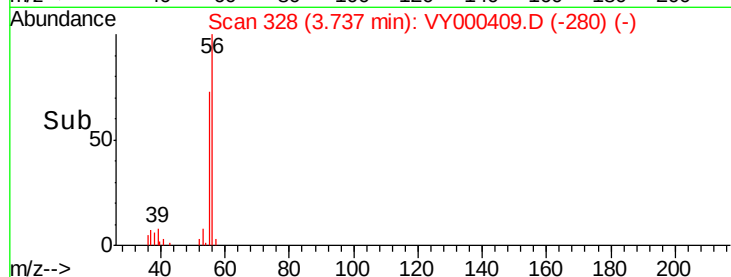
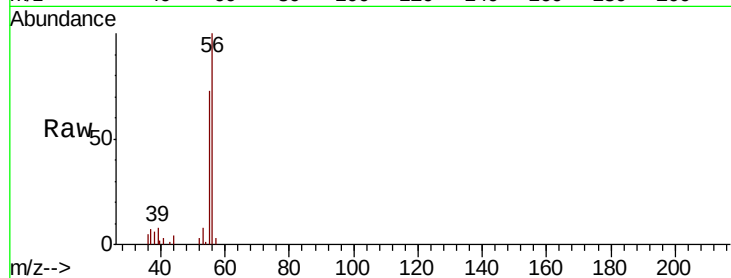
ClientSampleId :

Tot Ion: 56 Resp: 20939

Ion Ratio Lower Upper

56 100

55 67.9 55.7 83.5



#14

Allyl chloride

Concen: 21.199 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

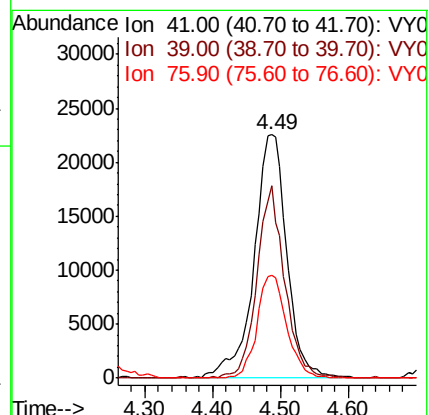
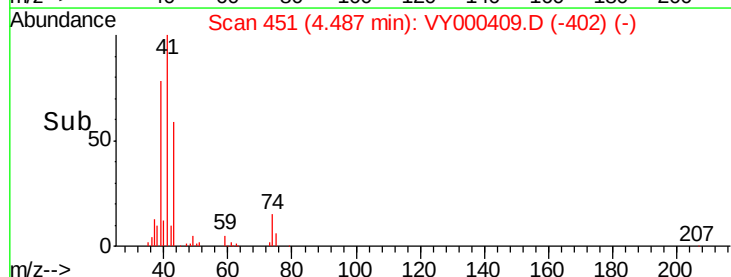
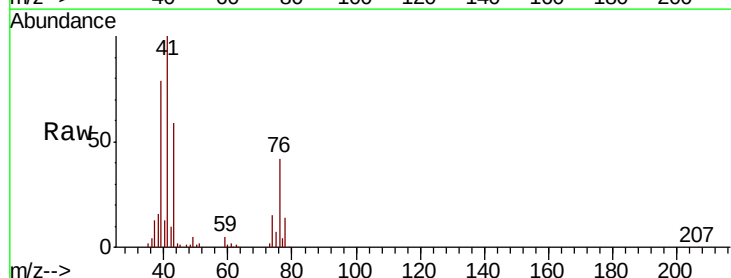
Tgt Ion: 41 Resp: 74957

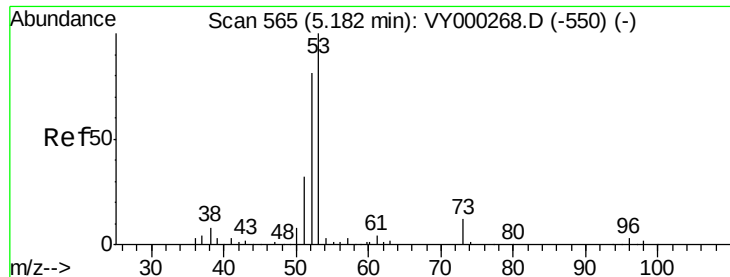
Ion Ratio Lower Upper

41 100

39 67.9 54.0 81.0

76 38.7 30.7 46.1





#15

Acrylonitrile

Concen: 104.129 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

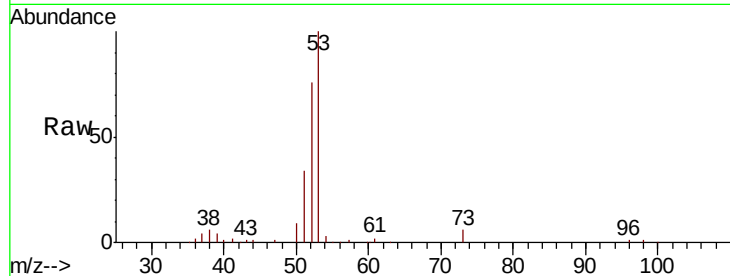
Tot Ion: 53 Resp: 73379

Ion Ratio Lower Upper

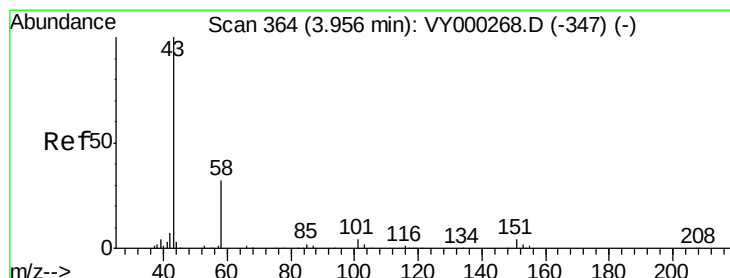
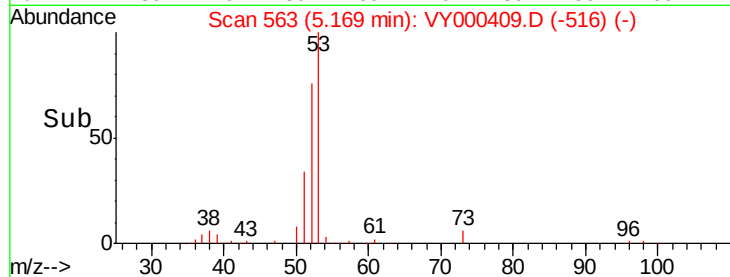
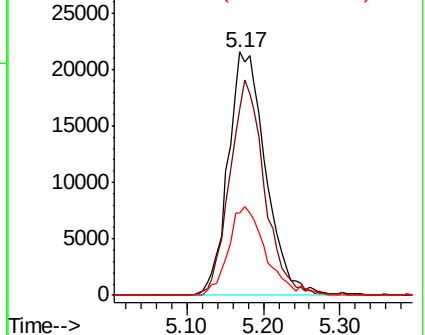
53 100

52 81.7 62.9 94.3

51 35.1 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 98.701 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000409.D

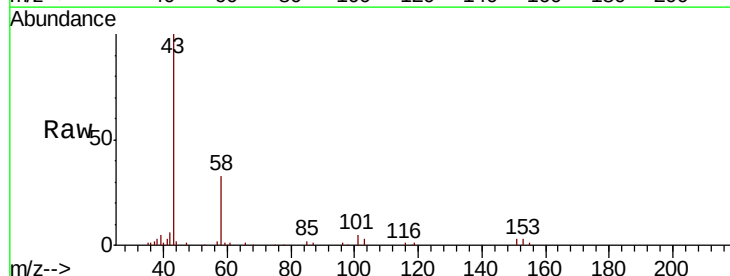
Acq: 24 Oct 2019 15:03

Tgt Ion: 43 Resp: 71231

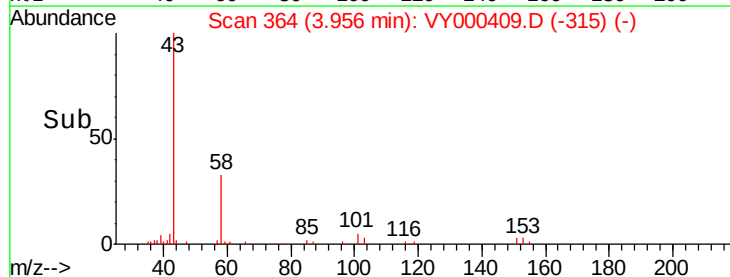
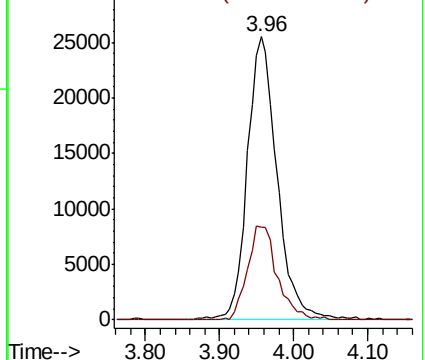
Ion Ratio Lower Upper

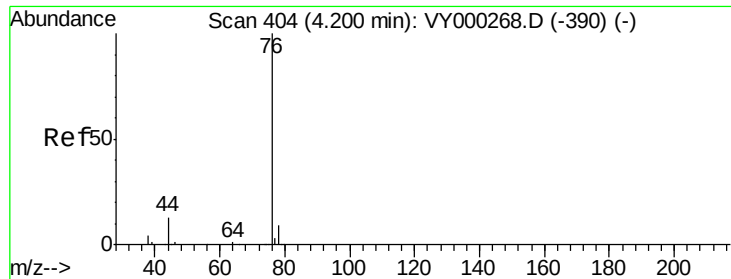
43 100

58 32.7 25.8 38.6



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





#17

Carbon Disulfide

Concen: 20.047 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

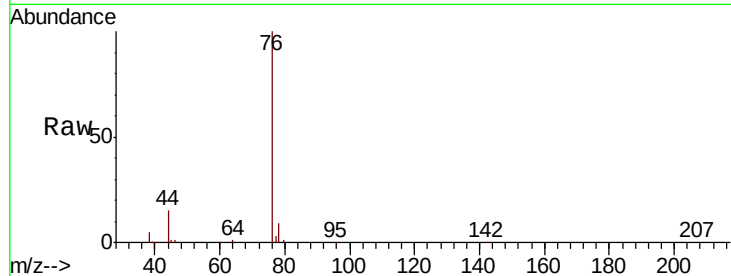
ClientSampled :

Tot Ion: 76 Resp: 134675

Ion Ratio Lower Upper

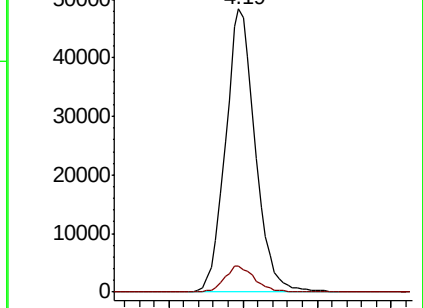
76 100

78 9.3 7.0 10.4

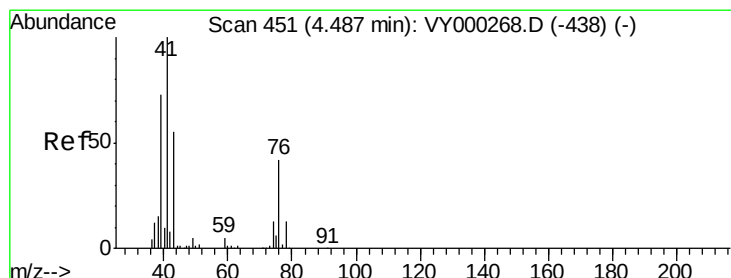
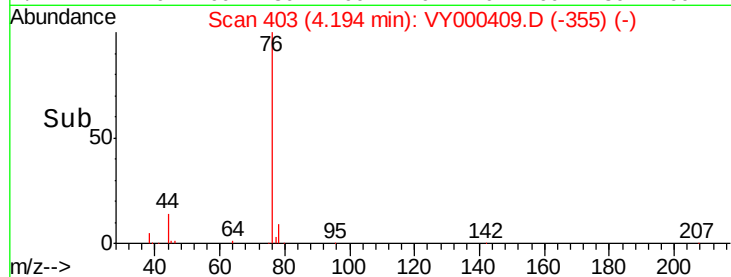


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#18

Methyl Acetate

Concen: 22.148 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000409.D

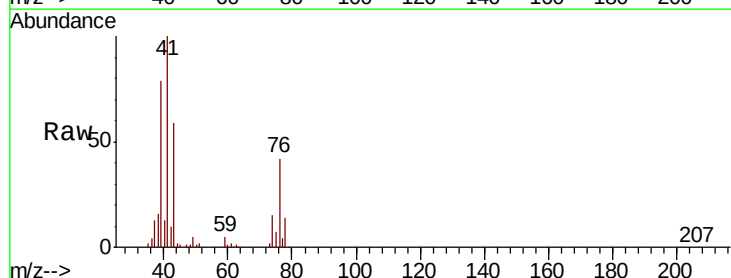
Acq: 24 Oct 2019 15:03

Tgt Ion: 43 Resp: 39714

Ion Ratio Lower Upper

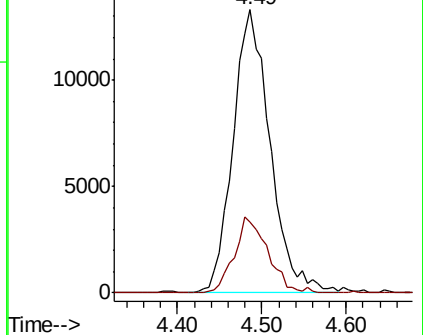
43 100

74 23.9 20.4 30.6

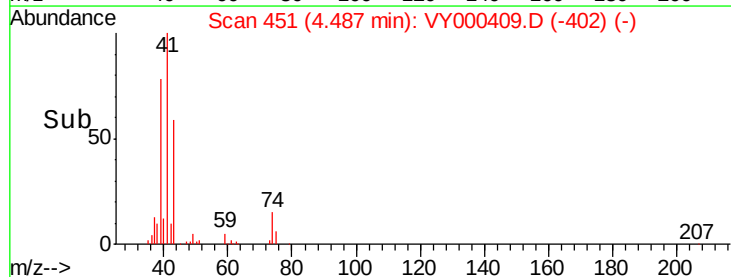


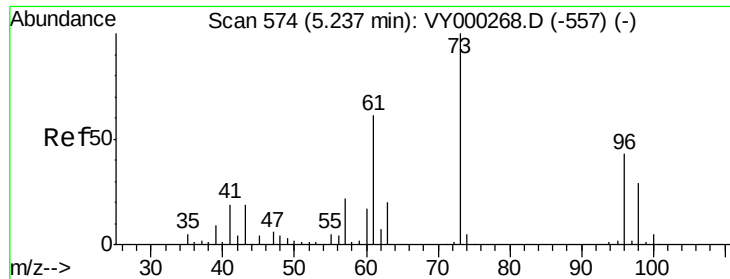
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



Time-->

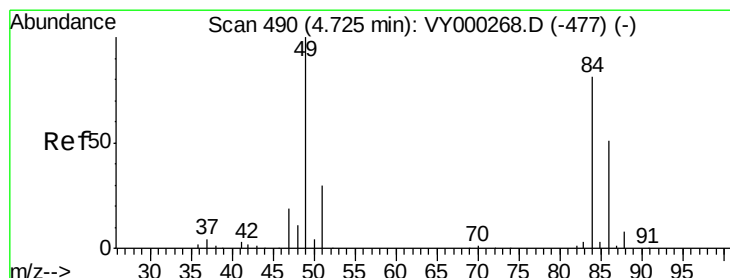
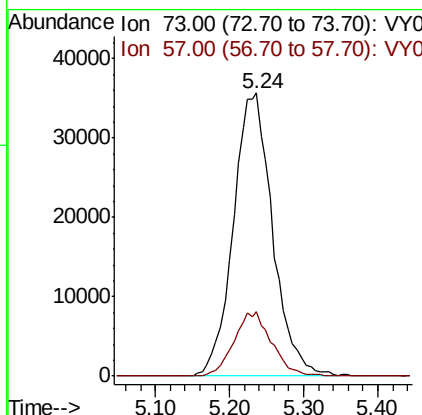
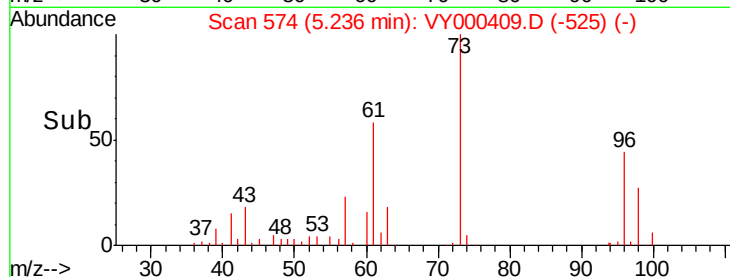
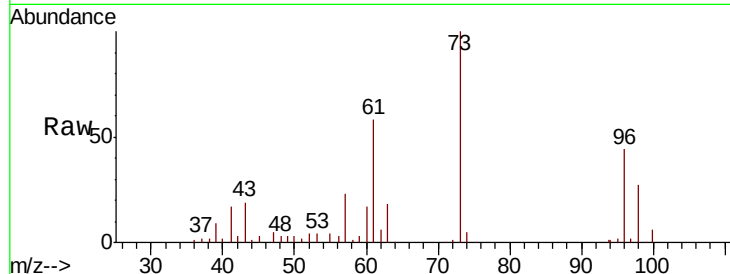




#19
Methyl tert-butyl Ether
Concen: 22.135 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

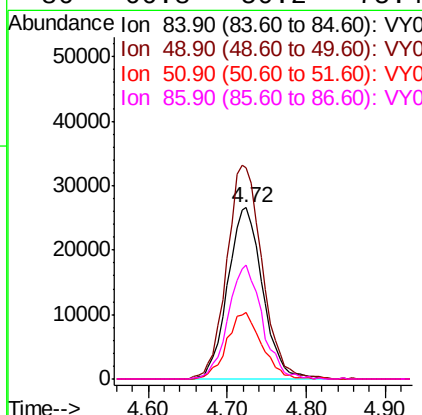
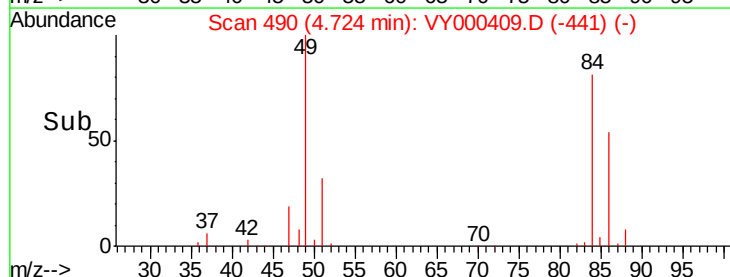
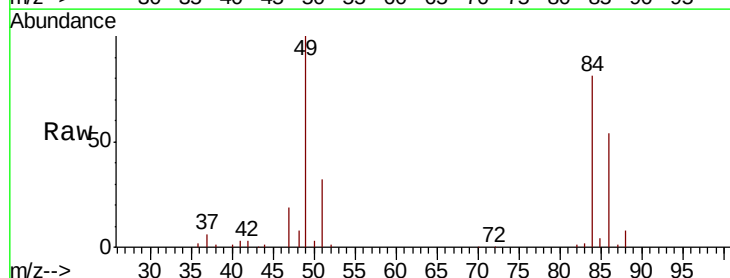
Instrument :
MSVOA_Y
ClientSampleId :

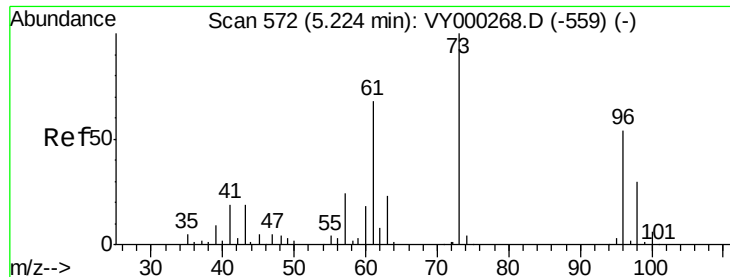
Tot Ion: 73 Resp: 131478
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 31.563 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 84 Resp: 81624
Ion Ratio Lower Upper
84 100
49 123.6 99.0 148.4
51 39.0 29.3 43.9
86 66.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.567 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

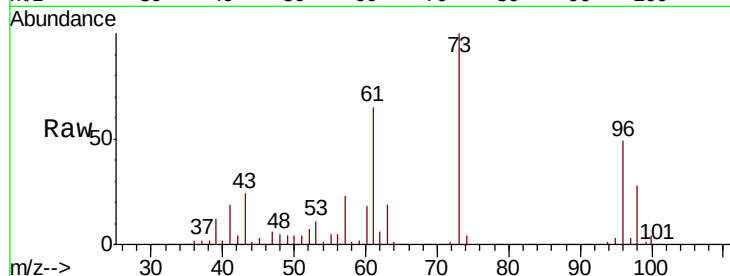
Tot Ion: 96 Resp: 52797

Ion Ratio Lower Upper

96 100

61 133.4 100.4 150.6

98 57.5 44.6 66.8

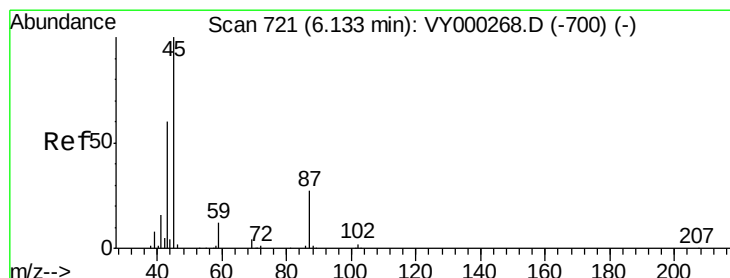
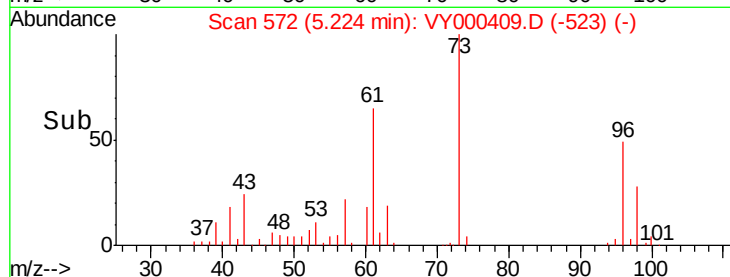
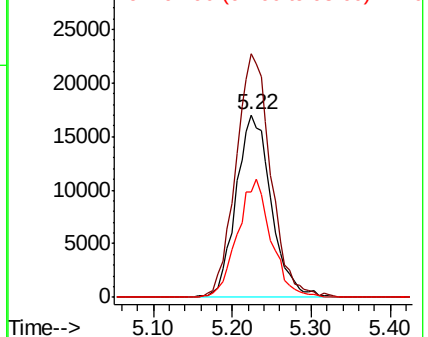


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.165 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Tgt Ion: 45 Resp: 165765

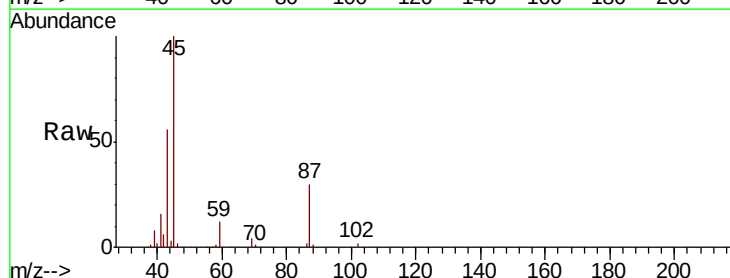
Ion Ratio Lower Upper

45 100

43 56.5 48.5 72.7

87 29.7 21.5 32.3

59 11.8 9.4 14.0



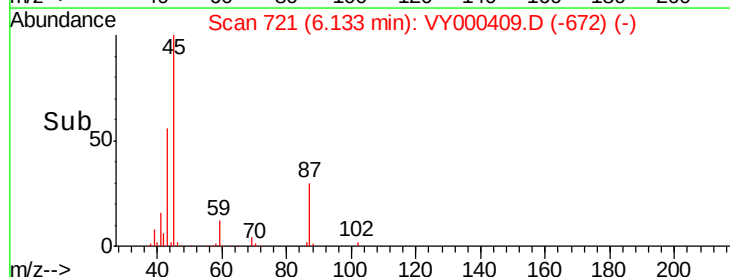
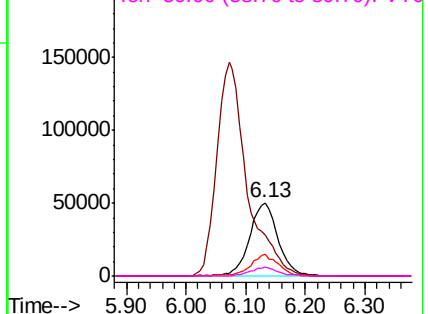
Abundance

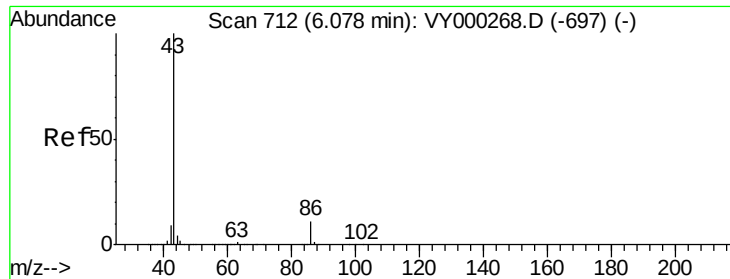
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.800 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

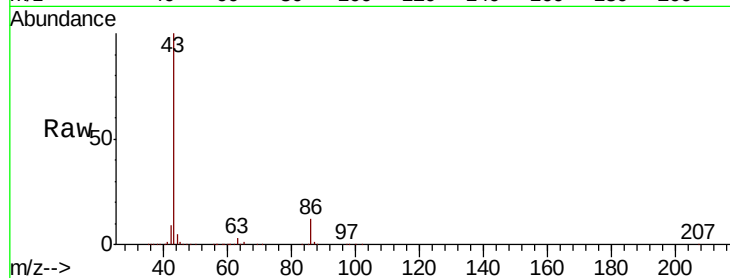
ClientSampleId :

Tot Ion: 43 Resp: 516195

Ion Ratio Lower Upper

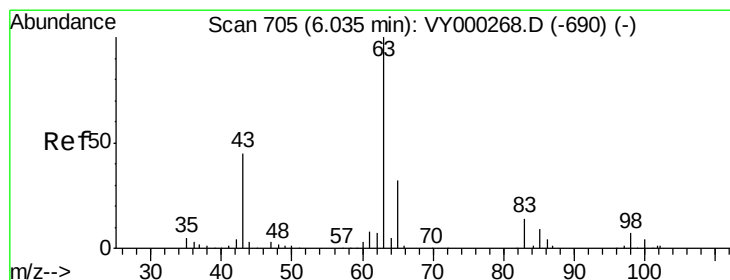
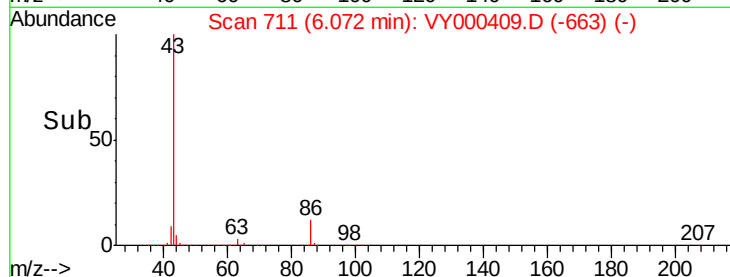
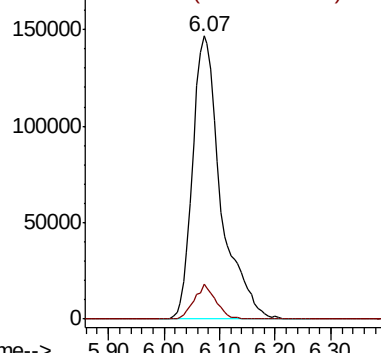
43 100

86 12.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.060 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

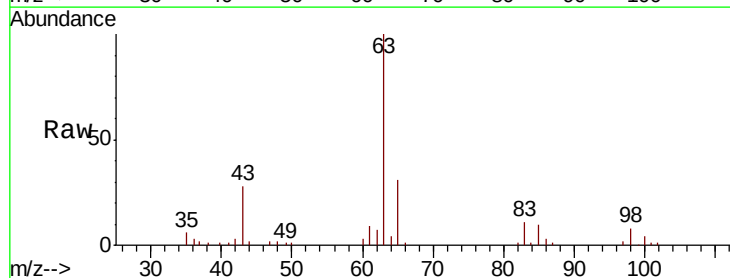
Tgt Ion: 63 Resp: 90051

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

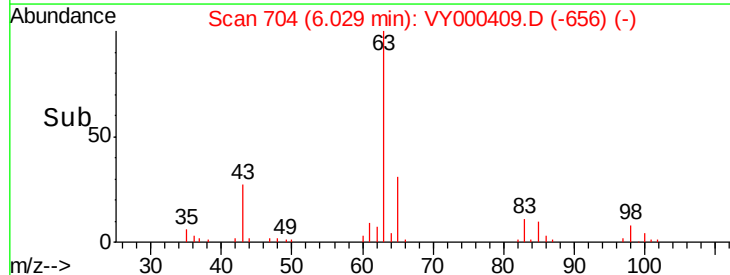
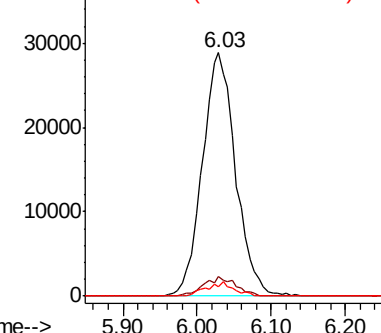
100 4.0 2.1 6.2

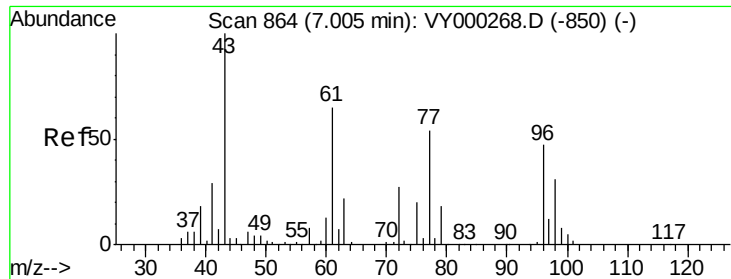


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 105.747 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

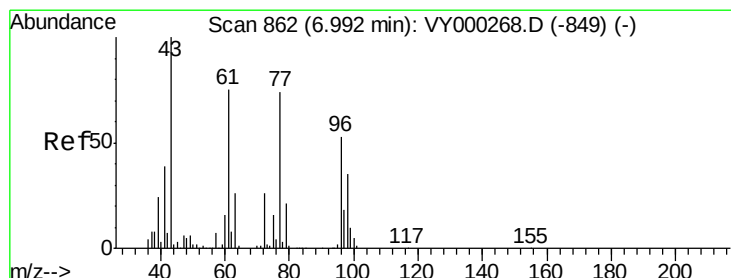
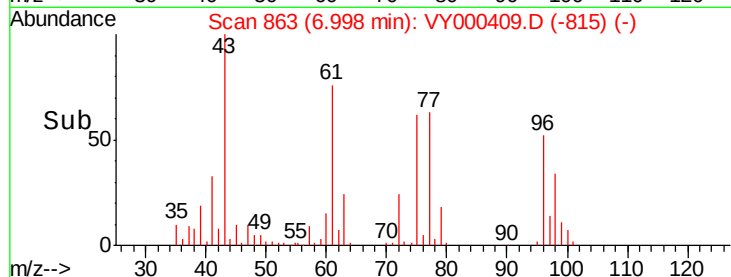
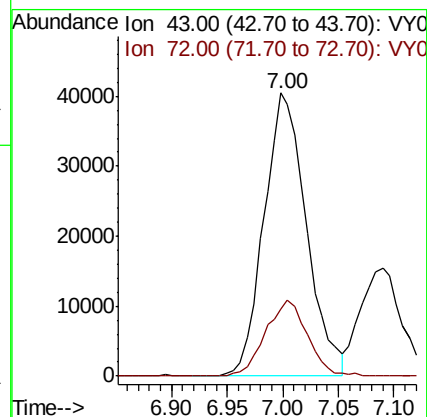
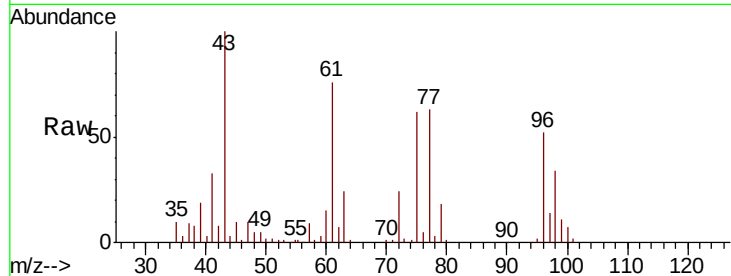
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 107505

Ion Ratio Lower Upper

43 100

72 23.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.264 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000409.D

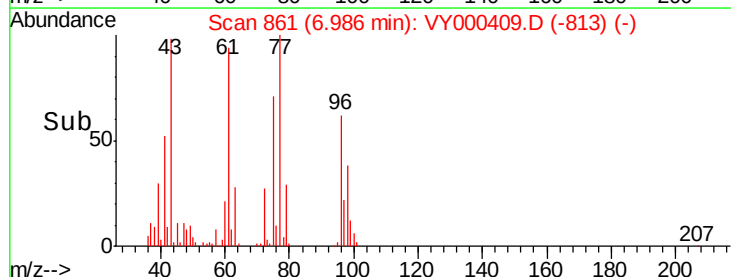
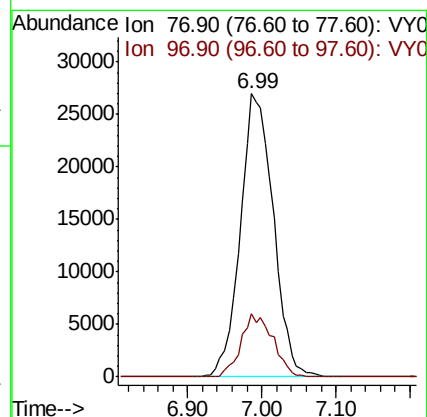
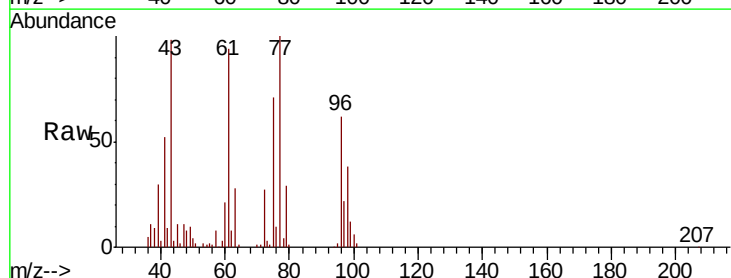
Acq: 24 Oct 2019 15:03

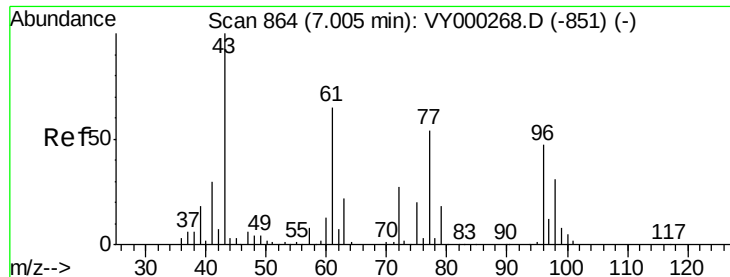
Tgt Ion: 77 Resp: 83745

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.7



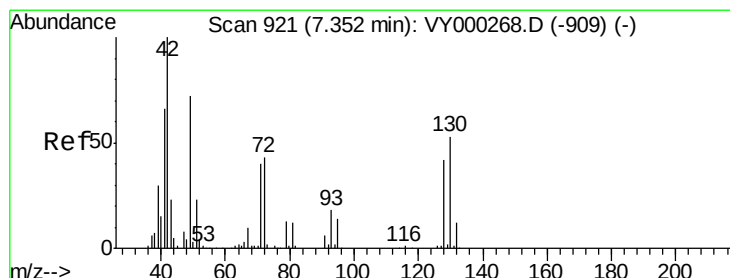
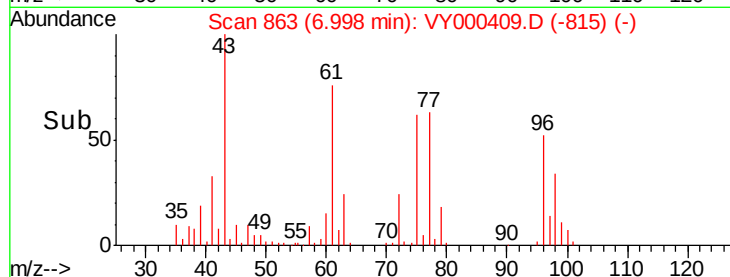
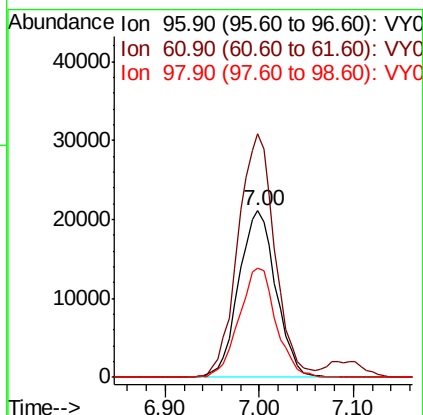
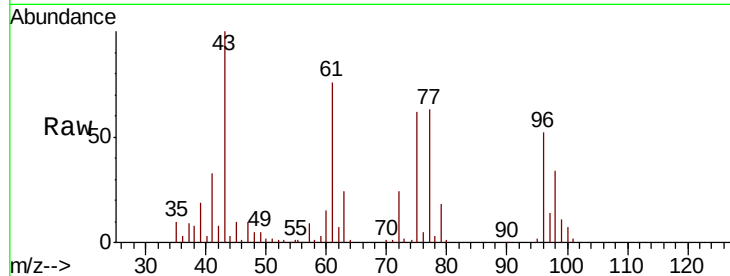


#27

cis-1,2-Dichloroethene
Concen: 22.010 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampled :

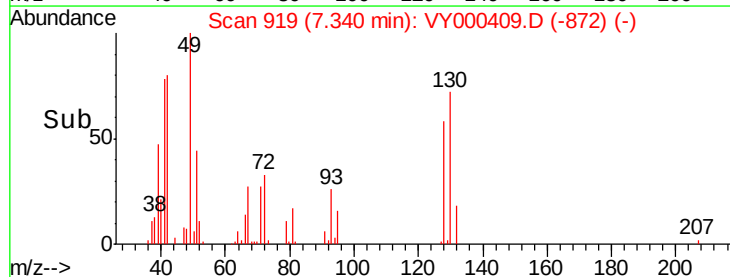
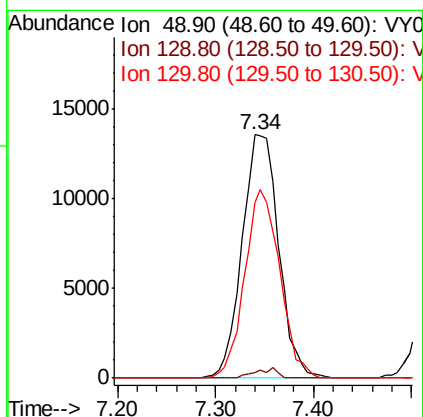
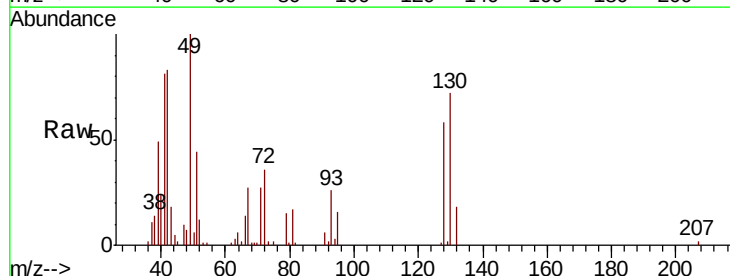
Tot Ion: 96 Resp: 58304
Ion Ratio Lower Upper
96 100
61 144.8 0.0 289.8
98 65.2 0.0 131.8

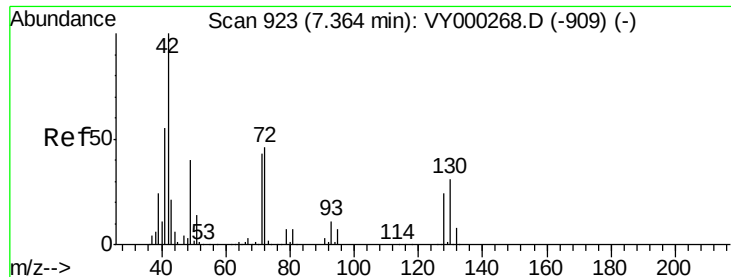


#28

Bromochloromethane
Concen: 20.166 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 49 Resp: 35339
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 74.3 58.2 87.2

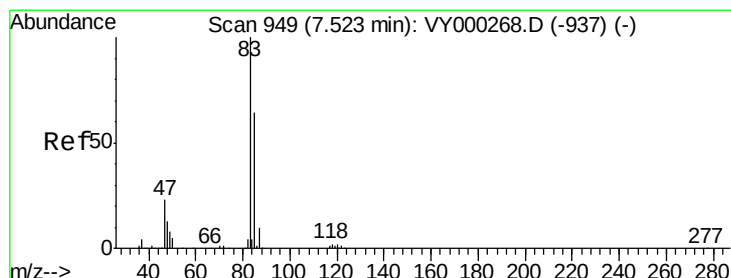
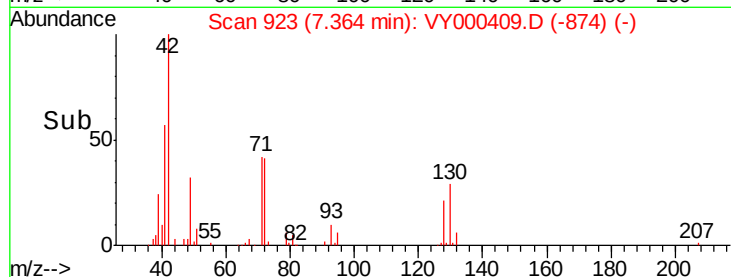
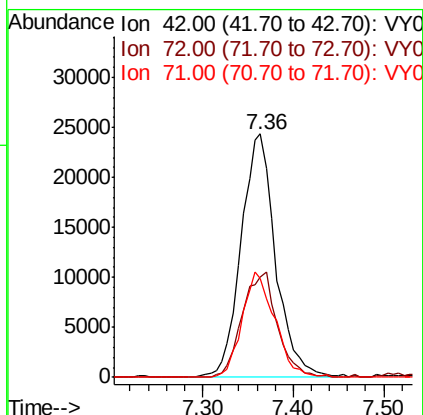
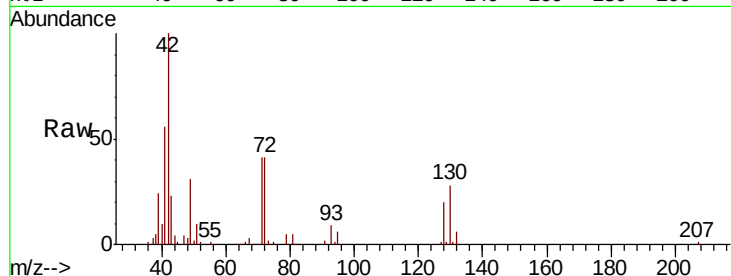




#29
Tetrahydrofuran
Concen: 104.122 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

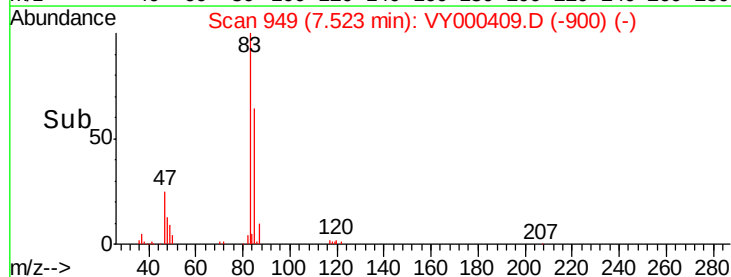
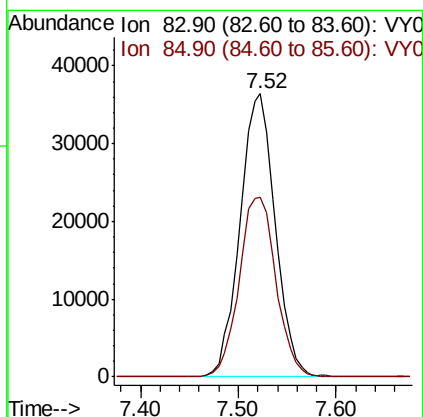
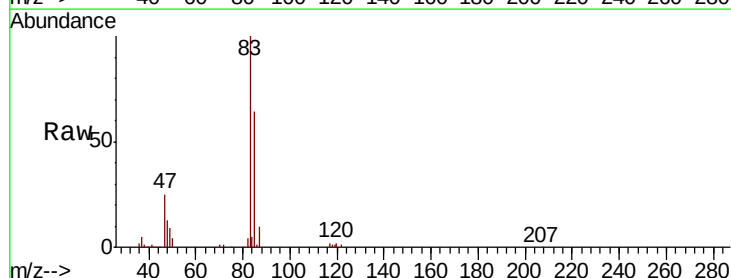
Instrument :
MSVOA_Y
ClientSampleId :

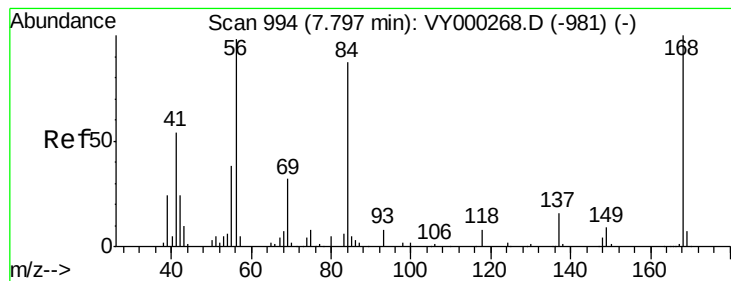
Tot Ion: 42 Resp: 64151
Ion Ratio Lower Upper
42 100
72 43.8 34.5 51.7
71 40.9 32.7 49.1



#30
Chloroform
Concen: 22.061 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 83 Resp: 90694
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2





#31

Cyclohexane

Concen: 21.048 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampled :

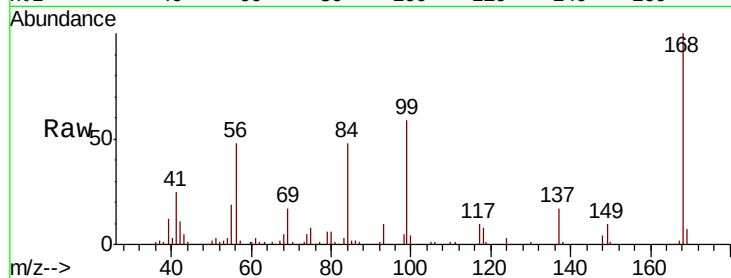
Tot Ion: 56 Resp: 89738

Ion Ratio Lower Upper

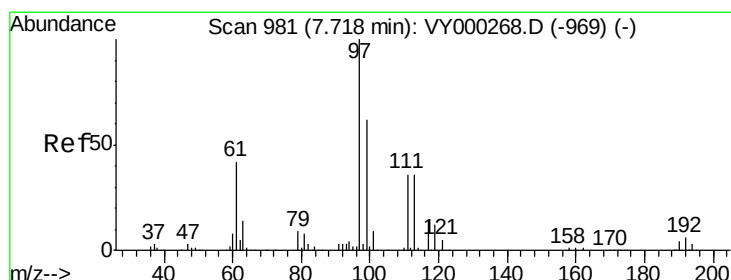
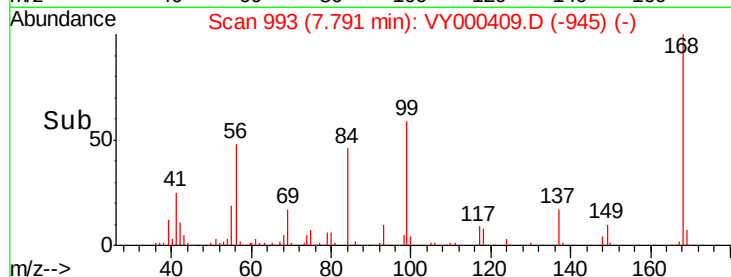
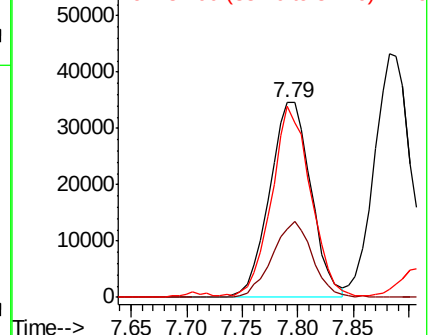
56 100

69 35.3 26.3 39.5

84 95.8 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 22.009 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

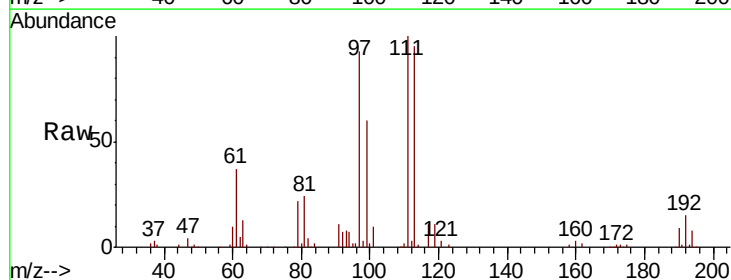
Tgt Ion: 97 Resp: 80439

Ion Ratio Lower Upper

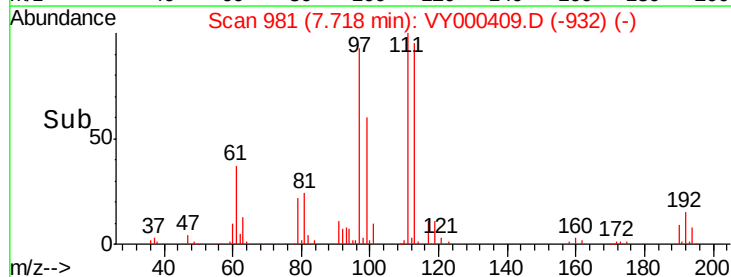
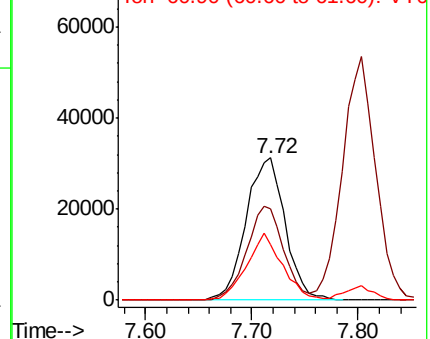
97 100

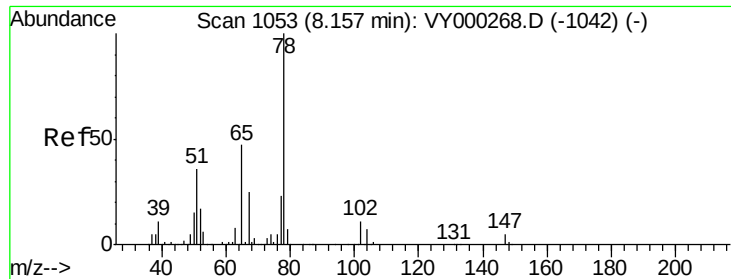
99 62.4 51.7 77.5

61 42.7 34.5 51.7



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

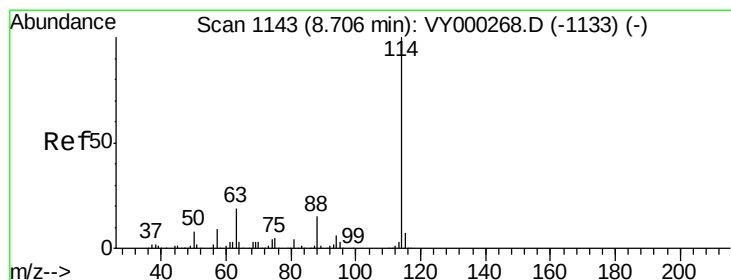
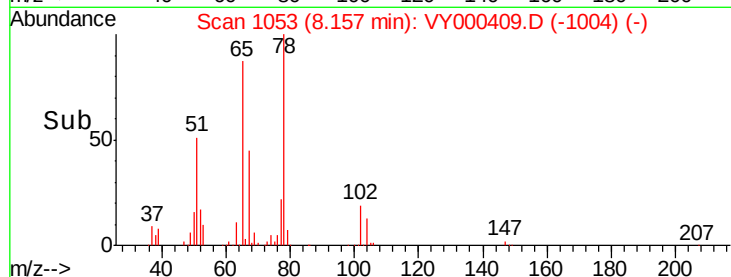
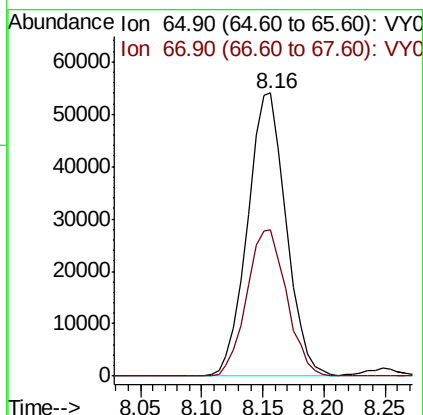
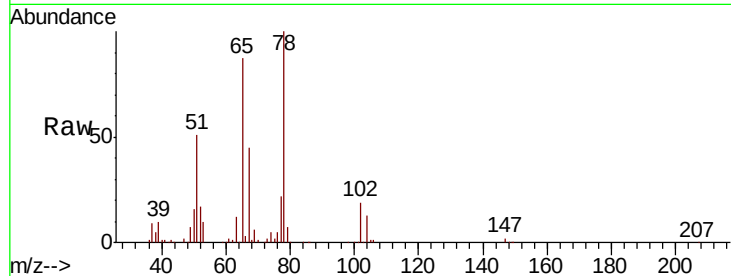




#33
 1,2-Dichloroethane-d4
 Concen: 53.313 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

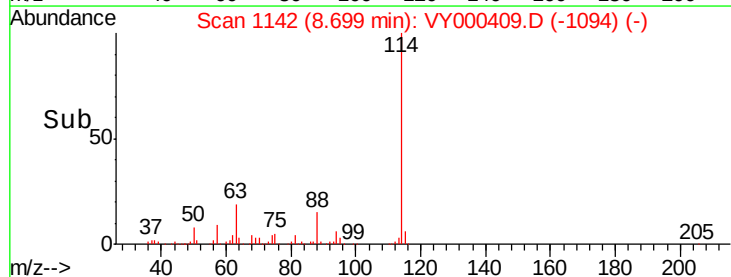
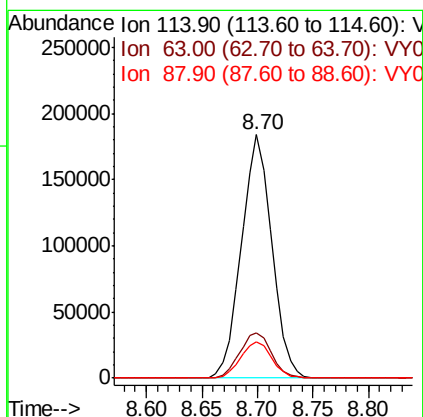
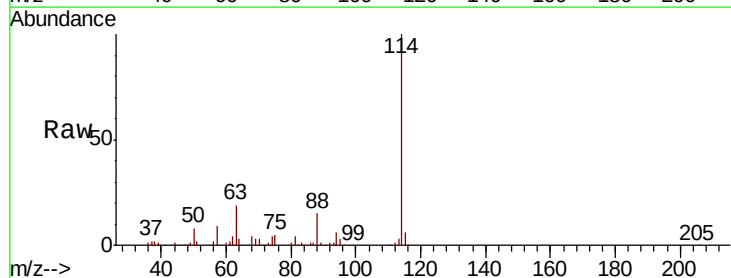
Instrument :
 MSVOA_Y
 ClientSampled :

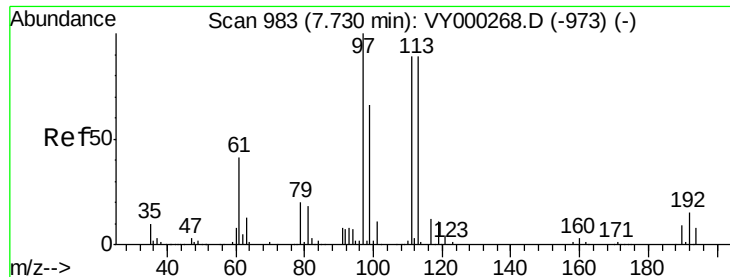
Tot Ion: 65 Resp: 118808
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion: 114 Resp: 349455
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.2
 88 14.7 0.0 30.2

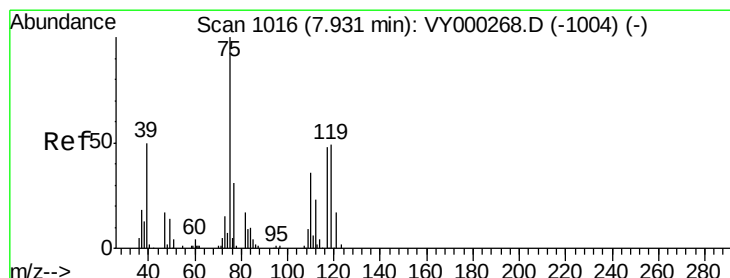
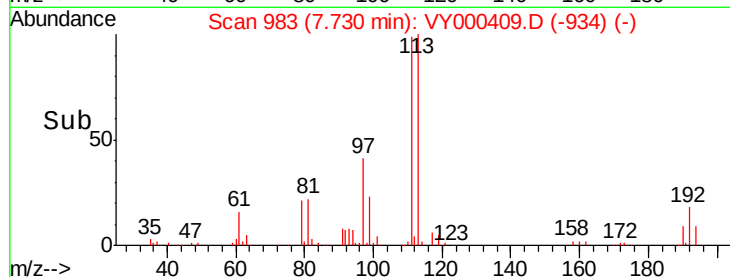
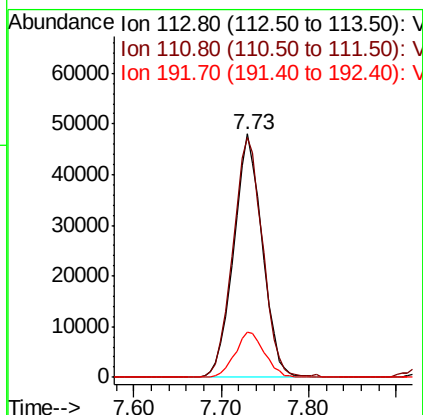
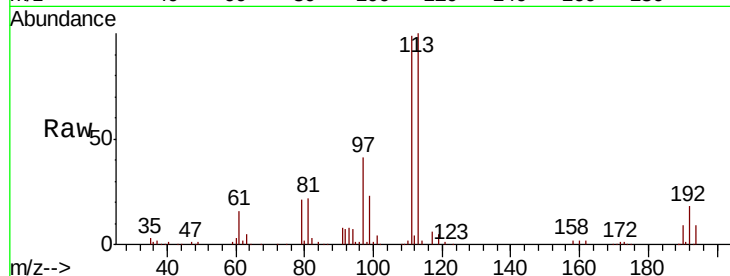




#35
 Dibromofluoromethane
 Concen: 51.694 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

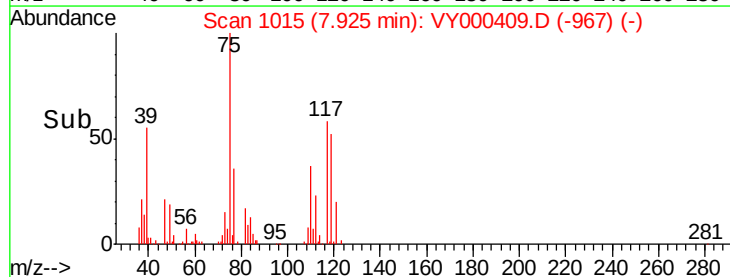
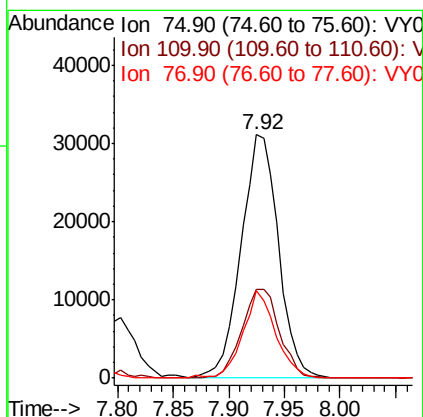
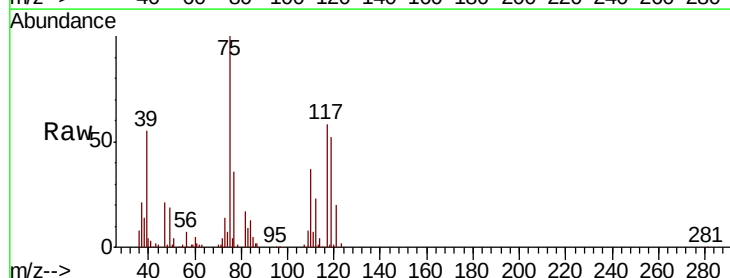
Instrument :
 MSVOA_Y
 ClientSampleId :

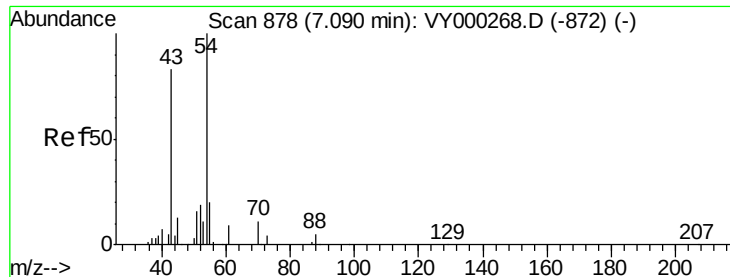
Tot Ion:113 Resp: 108968
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 19.1 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 21.243 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion: 75 Resp: 72681
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.4 55.4
 77 31.4 25.0 37.6

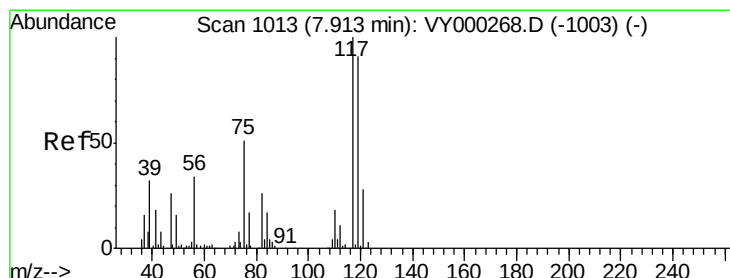
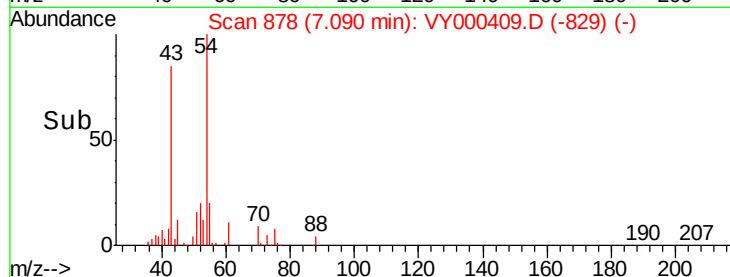
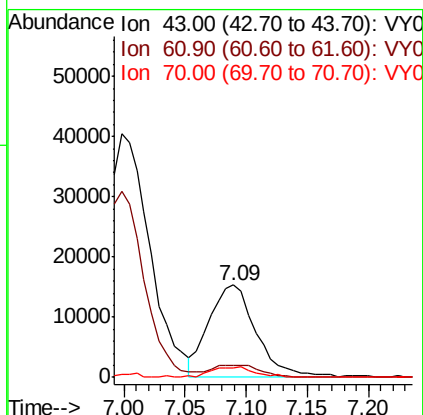
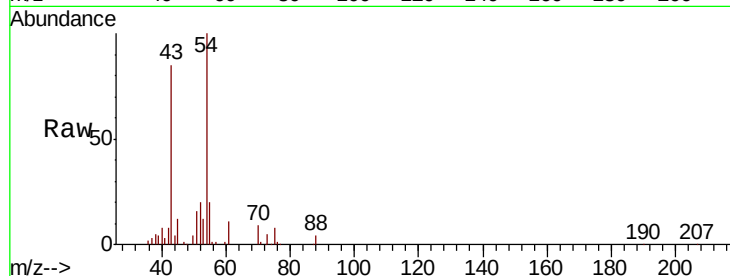




#37
Ethyl Acetate
Concen: 20.204 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

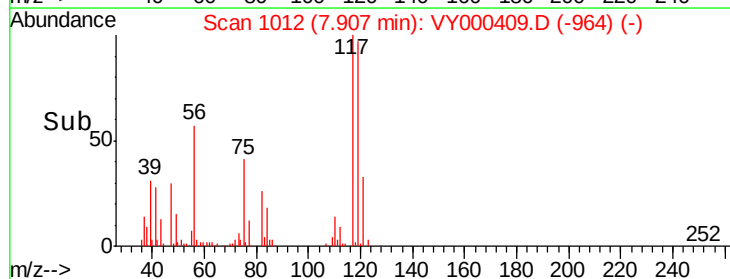
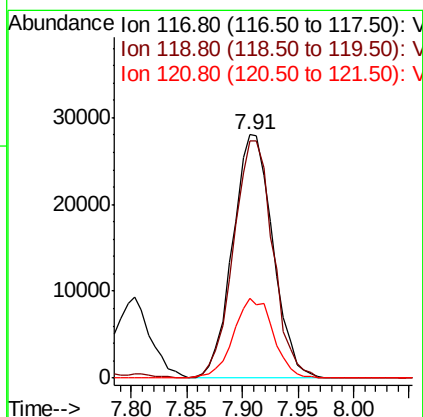
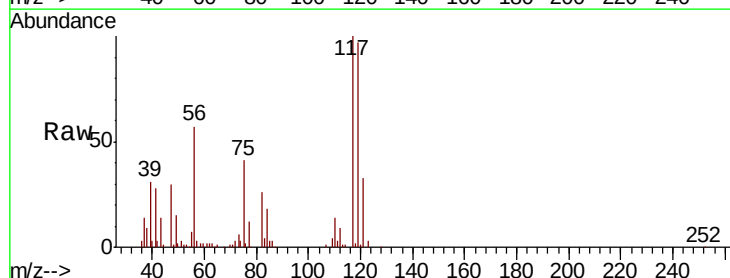
Instrument :
MSVOA_Y
ClientSampleId :

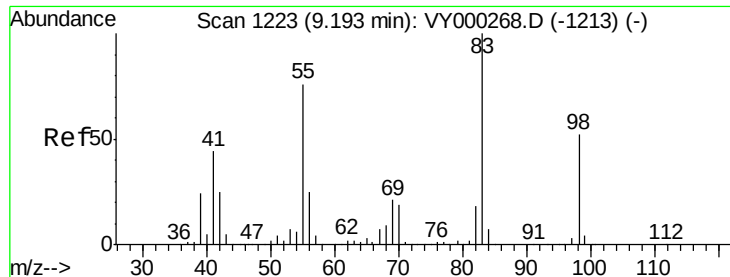
Tot Ion: 43 Resp: 40930
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.222 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 117 Resp: 70302
Ion Ratio Lower Upper
117 100
119 97.2 72.8 109.2
121 33.0 22.2 33.2

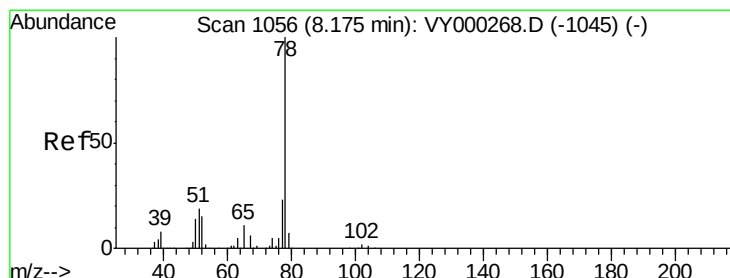
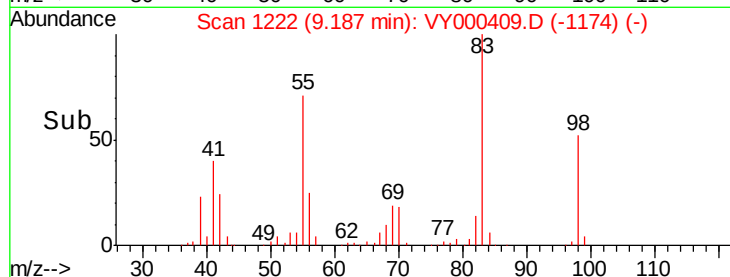
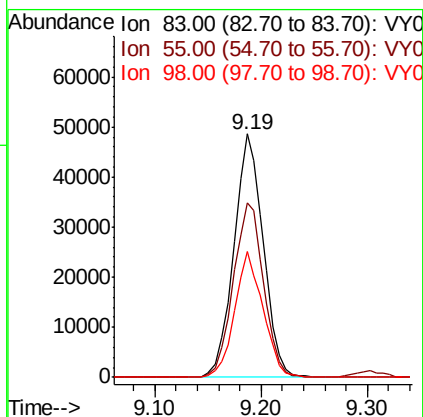
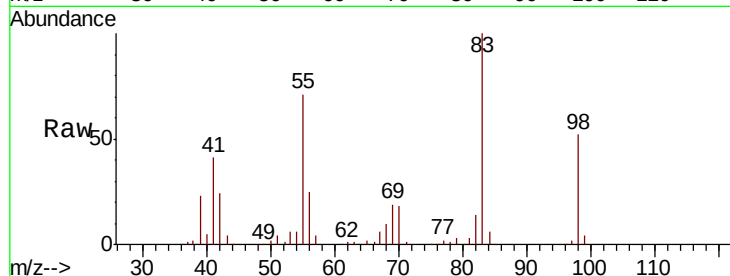




#39
Methylvlcyclohexane
Concen: 20.926 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

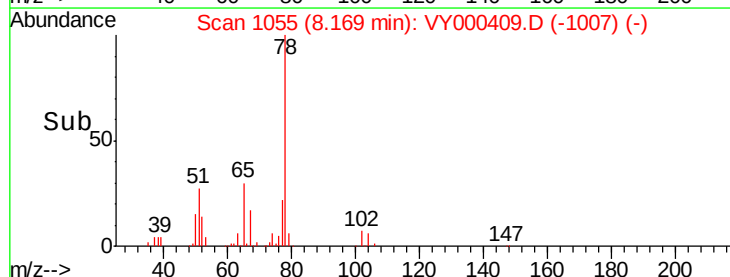
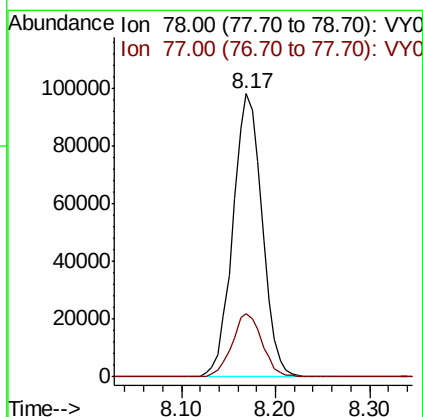
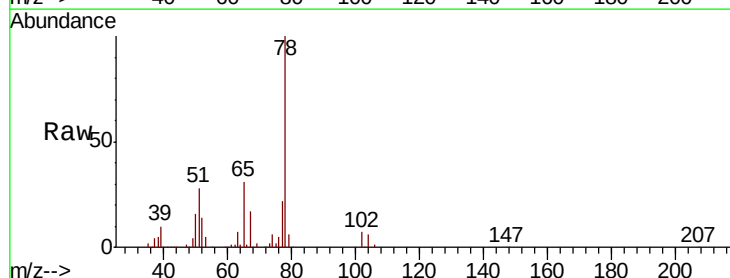
Instrument :
MSVOA_Y
ClientSampleId :

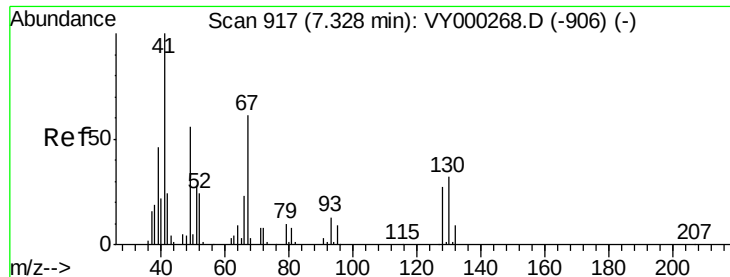
Tot Ion: 83 Resp: 93704
Ion Ratio Lower Upper
83 100
55 71.4 60.9 91.3
98 51.9 41.8 62.6



#40
Benzene
Concen: 21.502 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 78 Resp: 212595
Ion Ratio Lower Upper
78 100
77 22.3 18.8 28.2

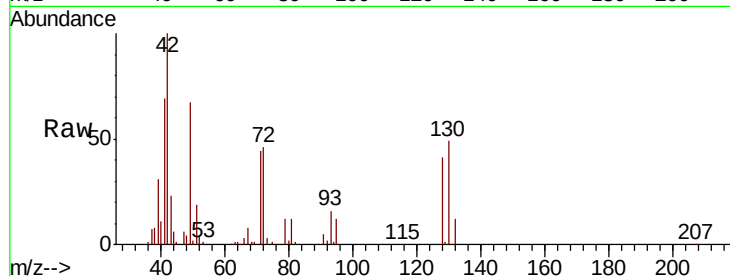




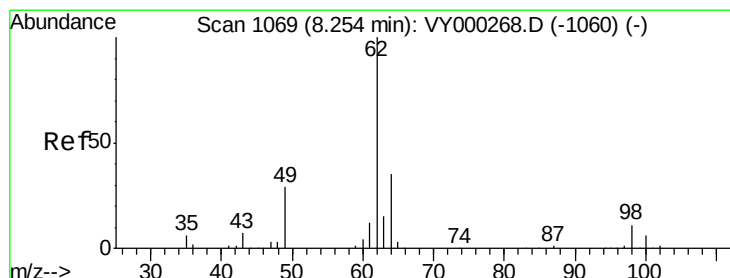
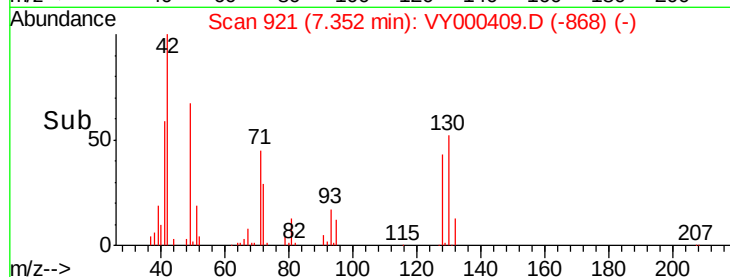
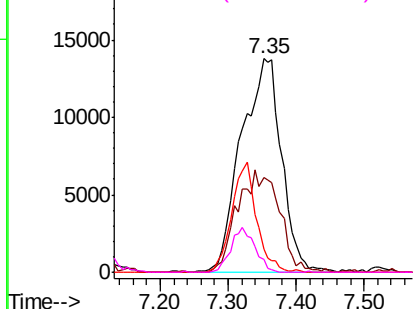
#41
Methacrylonitrile
Concen: 59.076 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 56968
Ion Ratio Lower Upper
41 100
39 49.3 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

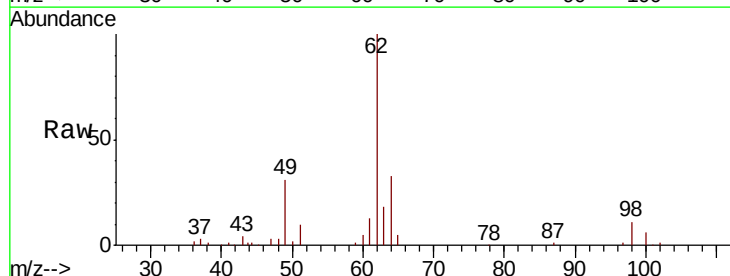


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

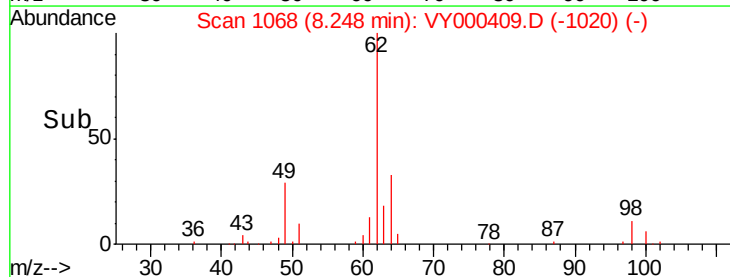
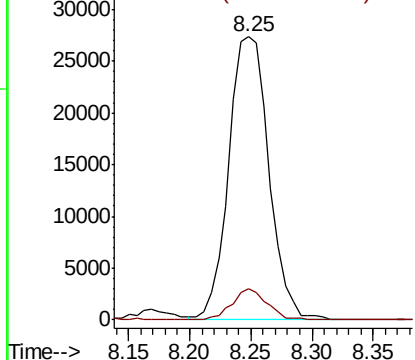


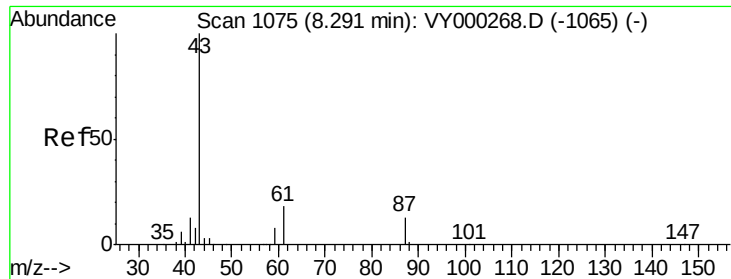
#42
1,2-Dichloroethane
Concen: 21.982 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 62 Resp: 62084
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 21.125 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampled :

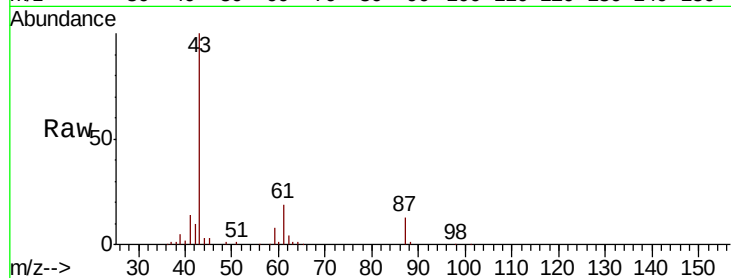
Tot Ion: 43 Resp: 81373

Ion Ratio Lower Upper

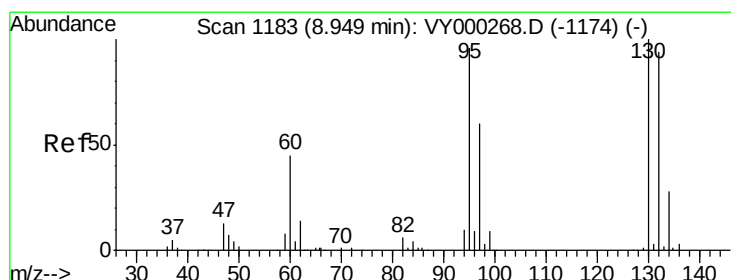
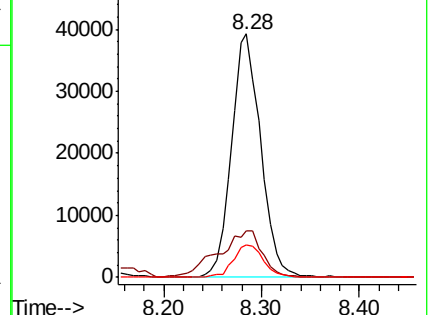
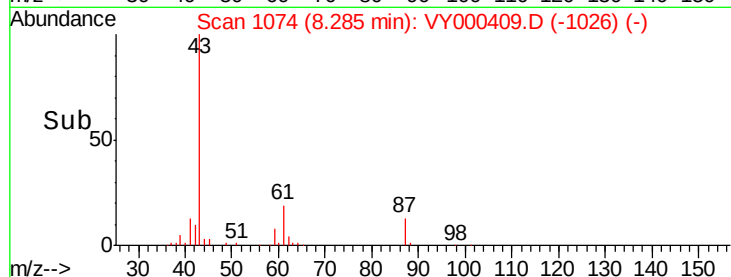
43 100

61 28.6 22.3 33.5

87 13.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000409.D (-1074) (-)



#44

Trichloroethene

Concen: 21.058 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000409.D

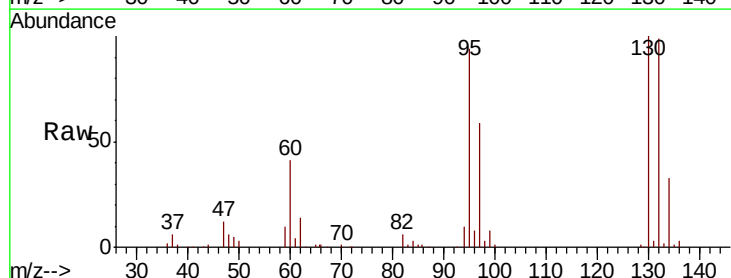
Acq: 24 Oct 2019 15:03

Tgt Ion:130 Resp: 58420

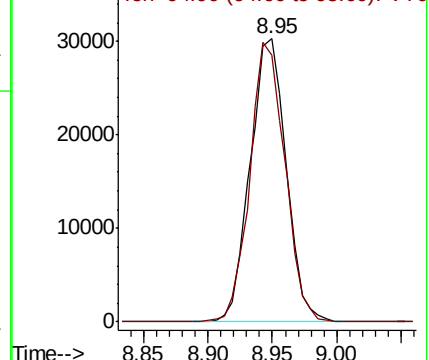
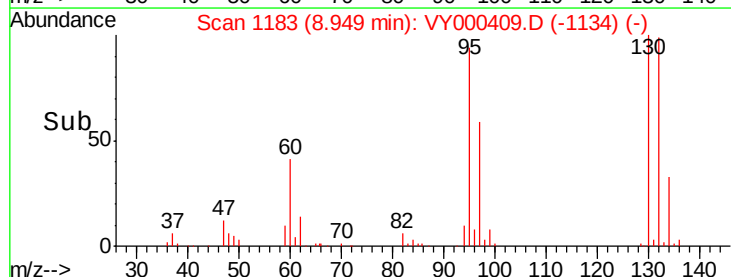
Ion Ratio Lower Upper

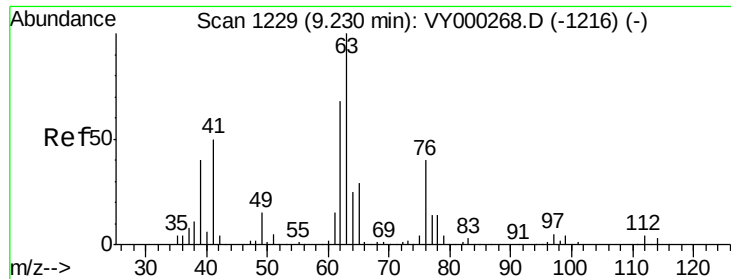
130 100

95 94.4 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000409.D (-1183) (-)

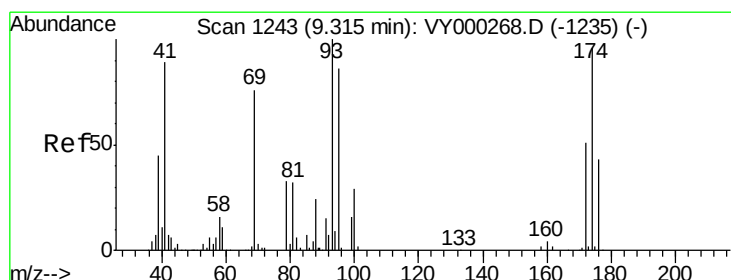
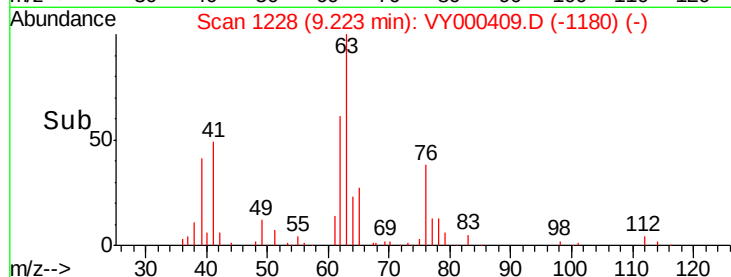
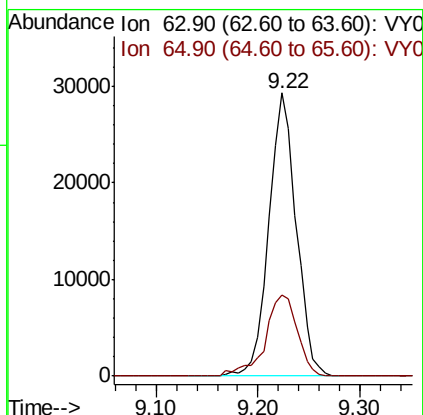
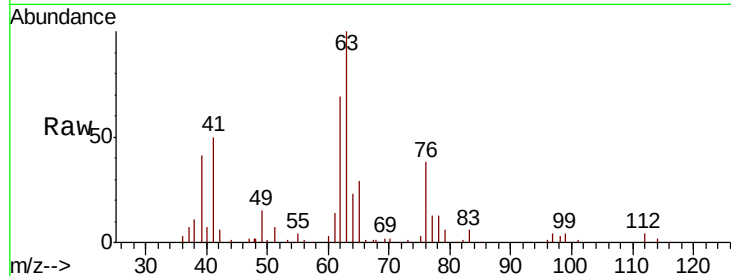




#45
 1,2-Dichloropropane
 Concen: 22.373 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

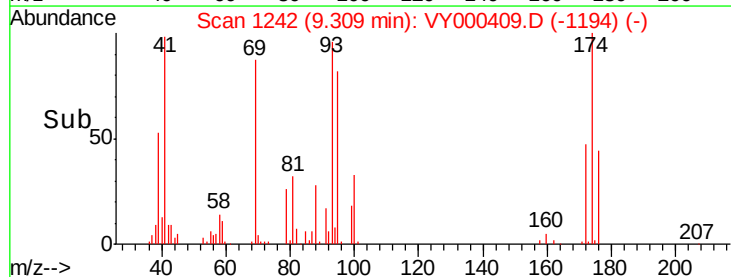
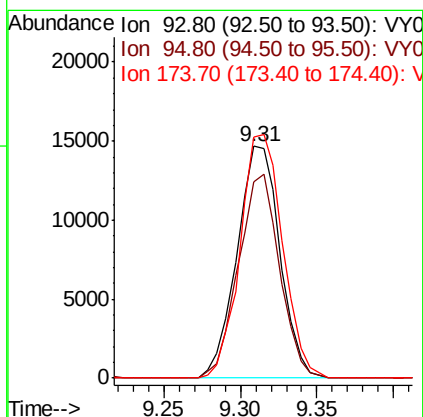
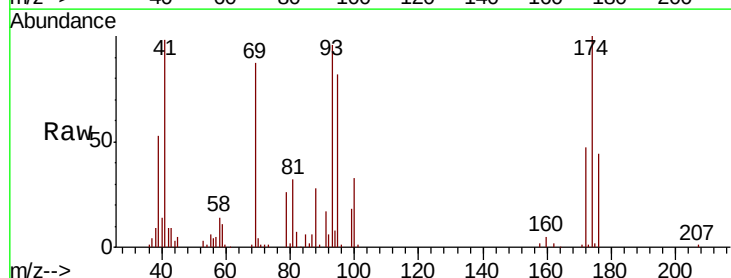
Instrument :
 MSVOA_Y
 ClientSampleId :

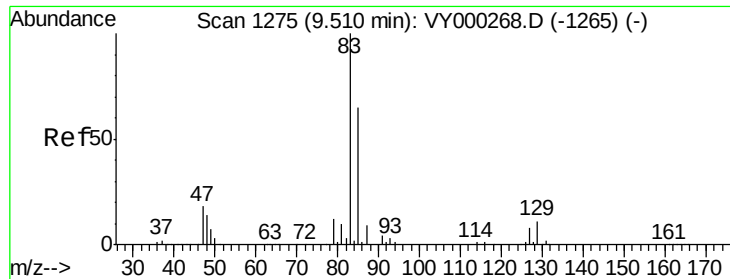
Tot Ion: 63 Resp: 54286
 Ion Ratio Lower Upper
 63 100
 65 28.6 23.2 34.8



#46
 Dibromomethane
 Concen: 21.029 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion: 93 Resp: 28524
 Ion Ratio Lower Upper
 93 100
 95 84.9 68.2 102.2
 174 104.3 79.8 119.6





#47

Bromodichloromethane

Concen: 21.729 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

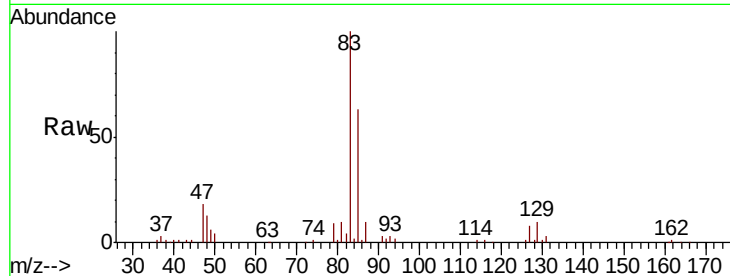
Tot Ion: 83 Resp: 69460

Ion Ratio Lower Upper

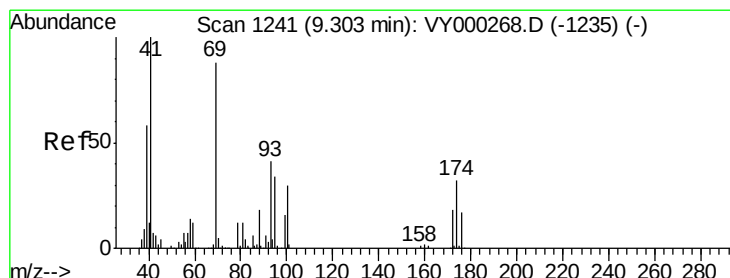
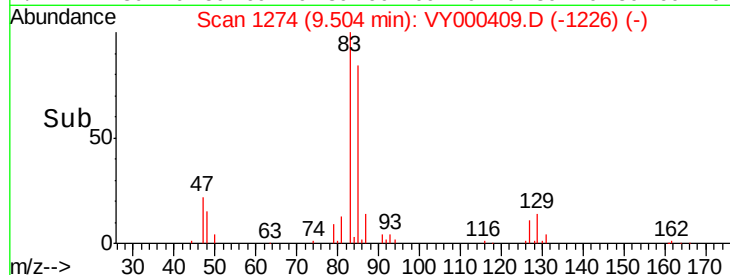
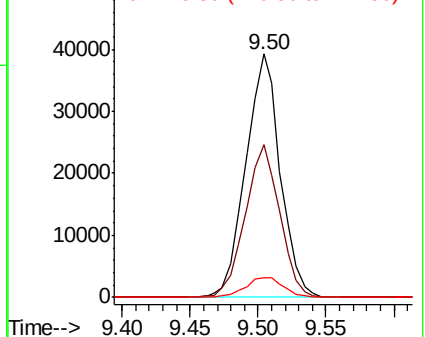
83 100

85 62.8 52.2 78.2

127 8.2 6.3 9.5



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



#48

Methyl methacrylate

Concen: 20.863 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

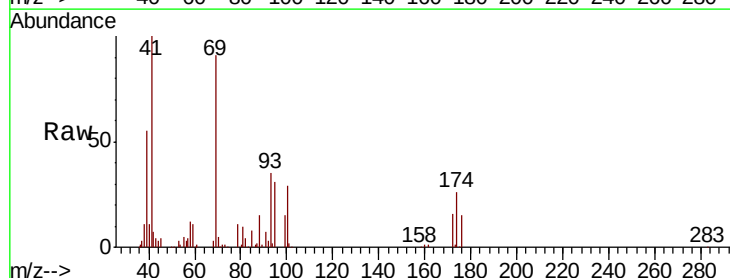
Tgt Ion: 41 Resp: 35220

Ion Ratio Lower Upper

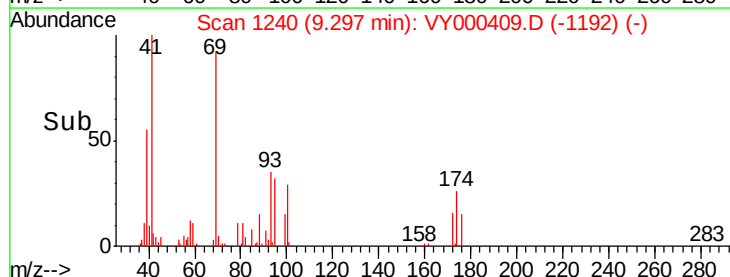
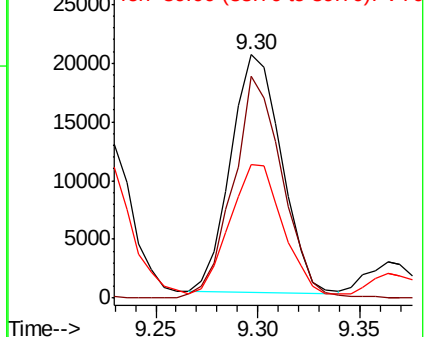
41 100

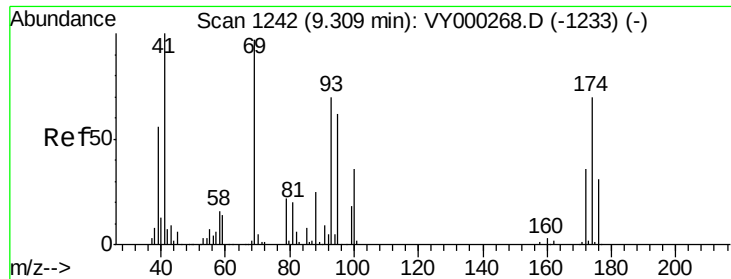
69 90.2 70.0 105.0

39 59.3 47.7 71.5



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

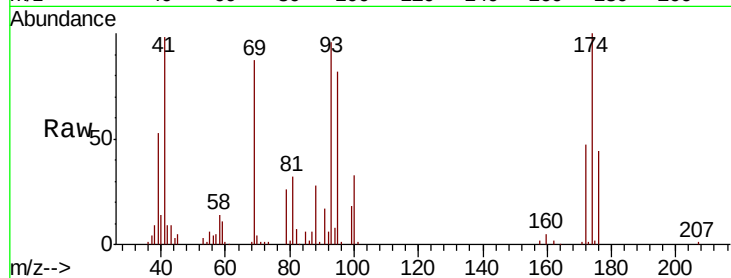




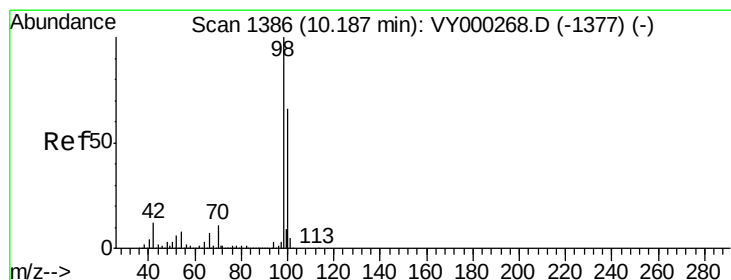
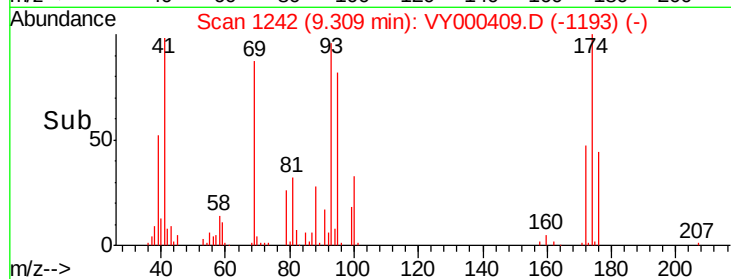
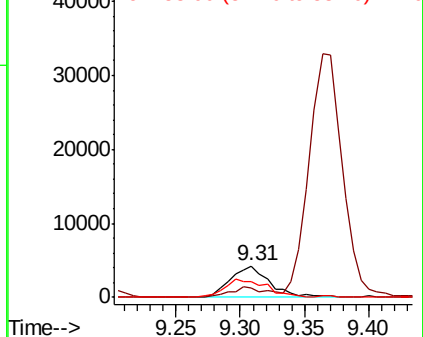
#49
1,4-Dioxane
Concen: 442.480 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 8999
Ion Ratio Lower Upper
88 100
43 30.8 25.6 38.4
58 63.1 54.6 81.8

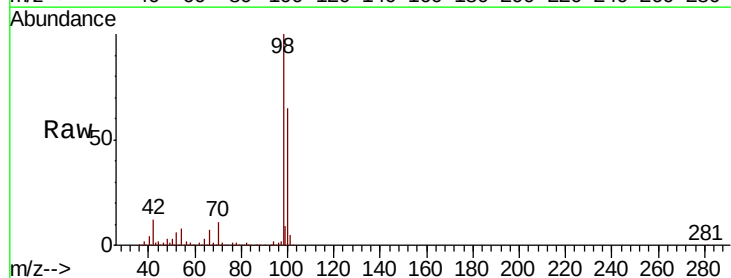


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

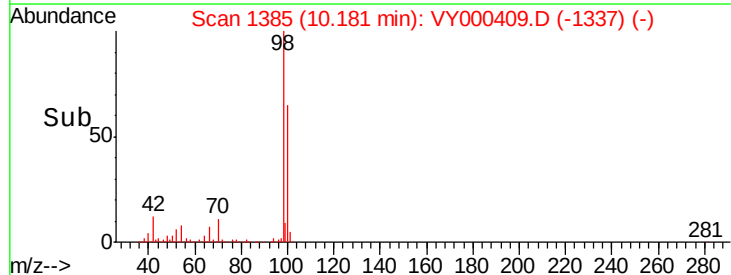
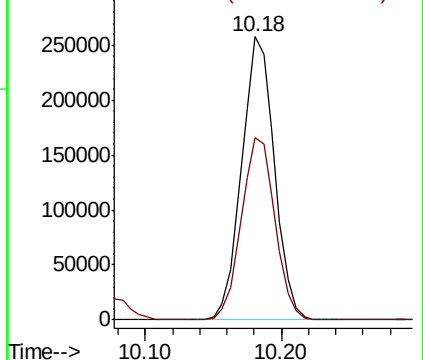


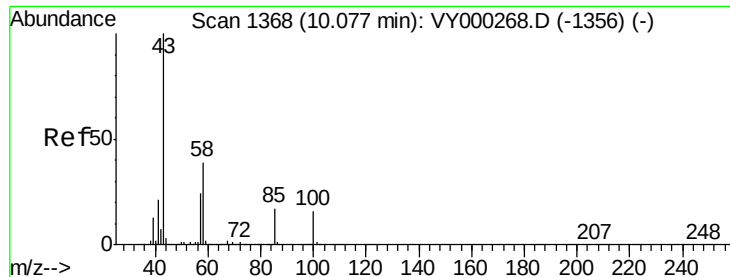
#50
Toluene-d8
Concen: 53.397 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 98 Resp: 432978
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



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

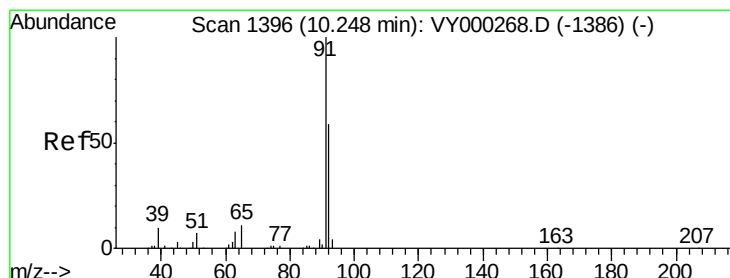
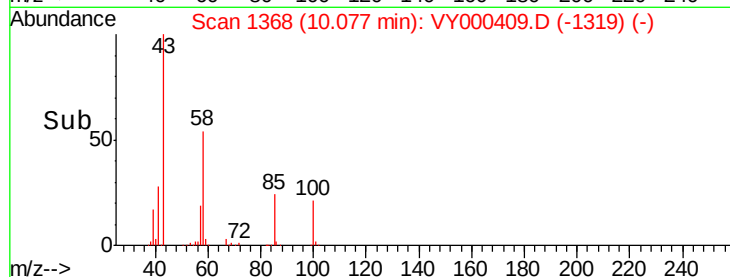
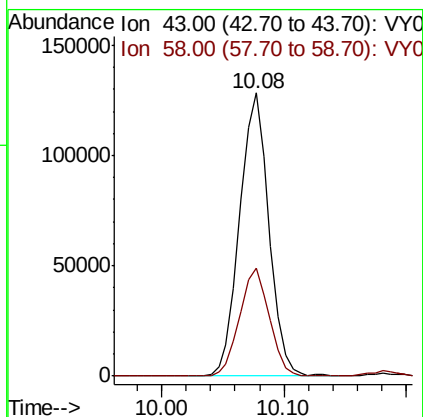
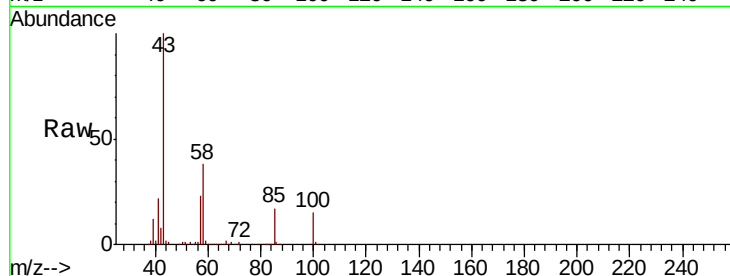




#51
4-Methyl-2-Pentanone
Concen: 107.016 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

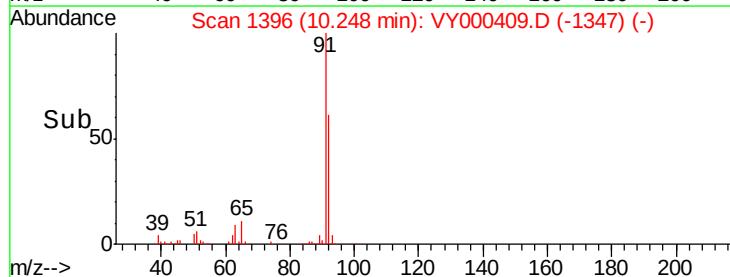
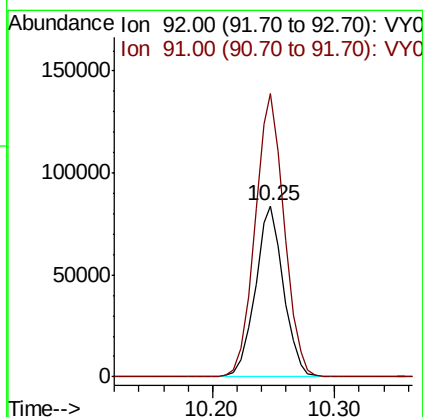
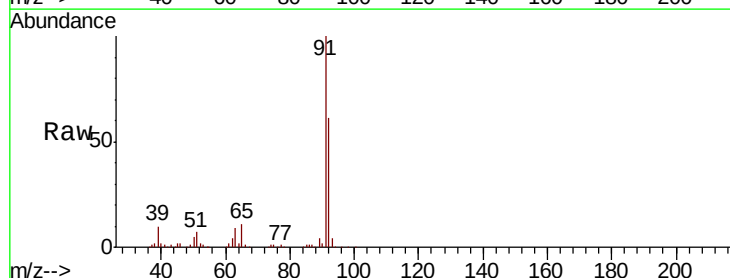
Instrument :
MSVOA_Y
ClientSampled :

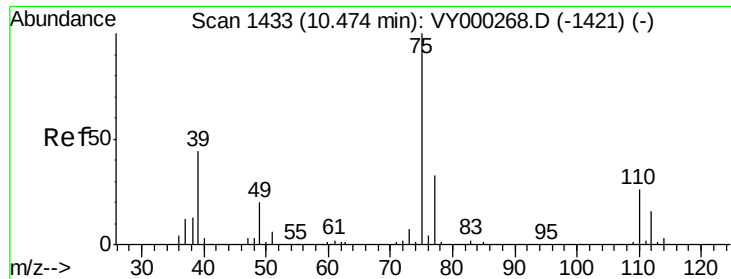
Tot Ion: 43 Resp: 212616
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.6



#52
Toluene
Concen: 21.426 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 92 Resp: 134503
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.234 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

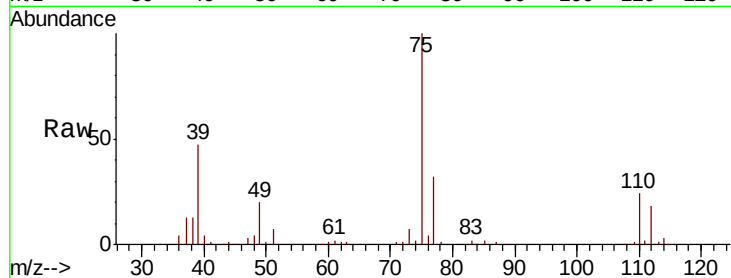
ClientSampled :

Tot Ion: 75 Resp: 72745

Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

50000

40000

30000

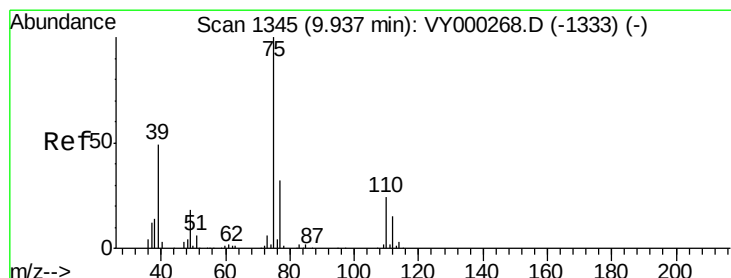
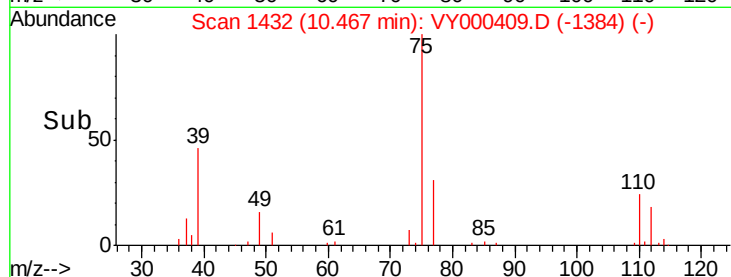
20000

10000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 21.644 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

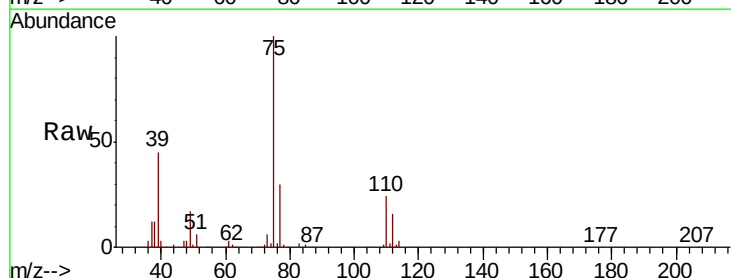
Tgt Ion: 75 Resp: 84208

Ion Ratio Lower Upper

75 100

77 29.8 26.0 39.0

39 44.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

60000

50000

40000

30000

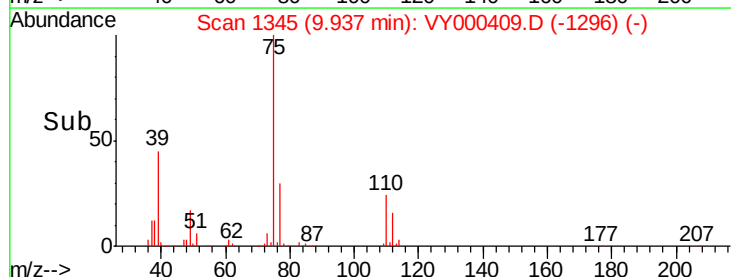
20000

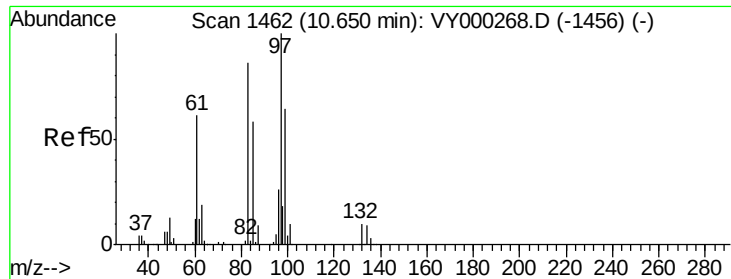
10000

0

Time-->

9.85 9.90 9.95 10.00

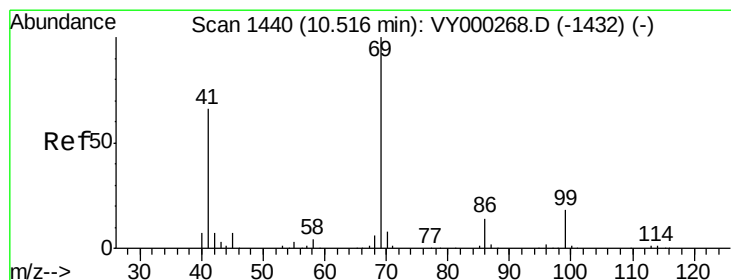
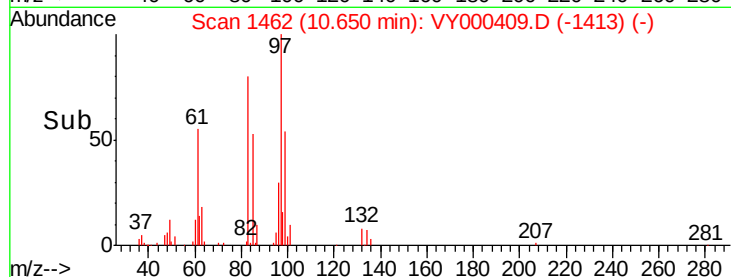
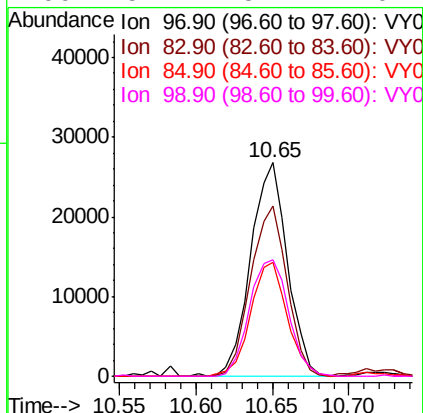
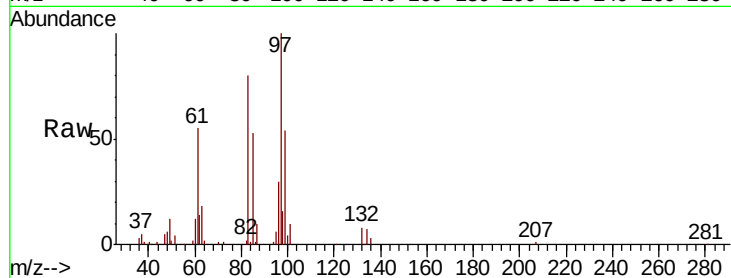




#55
 1,1,2-Trichloroethane
 Concen: 22.707 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

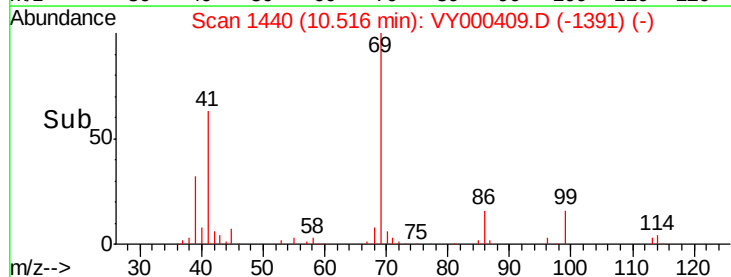
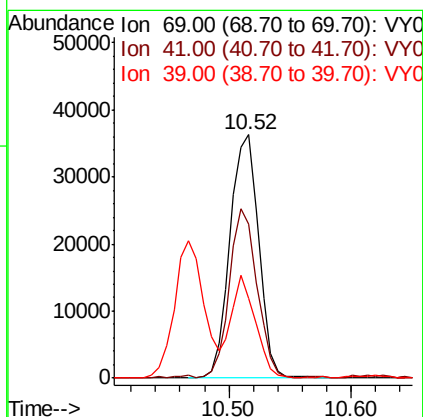
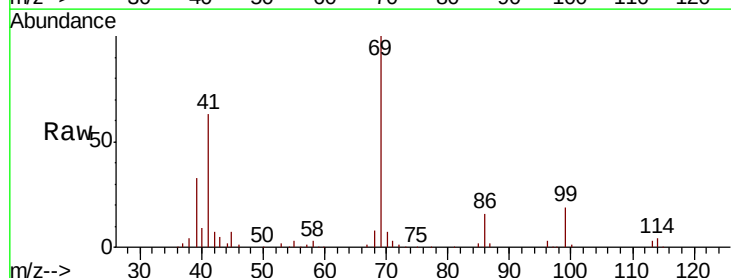
Instrument :
 MSVOA_Y
 ClientSampleId :

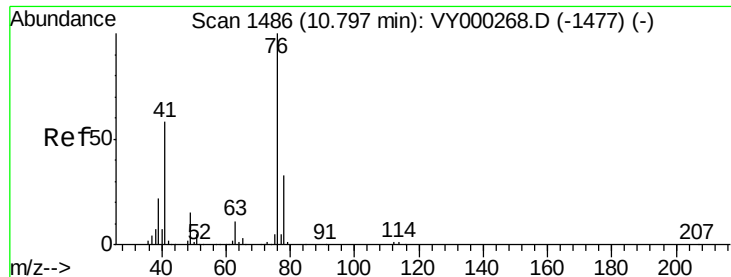
Tot Ion:	97	Resp:	44782
Ion	Ratio	Lower	Upper
97	100		
83	79.9	69.0	103.6
85	53.4	46.2	69.4
99	54.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 20.912 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion:	69	Resp:	58784
Ion	Ratio	Lower	Upper
69	100		
41	66.9	52.5	78.7
39	35.7	26.7	40.1





#57

1,3-Dichloropropane

Concen: 22.157 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

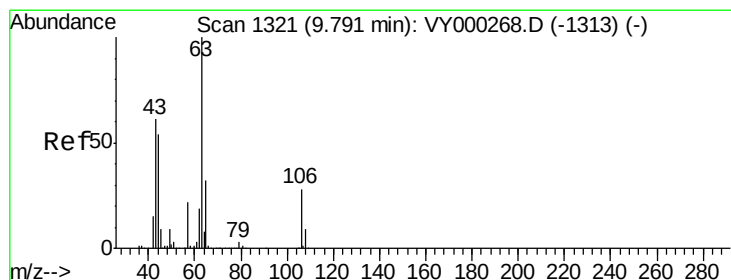
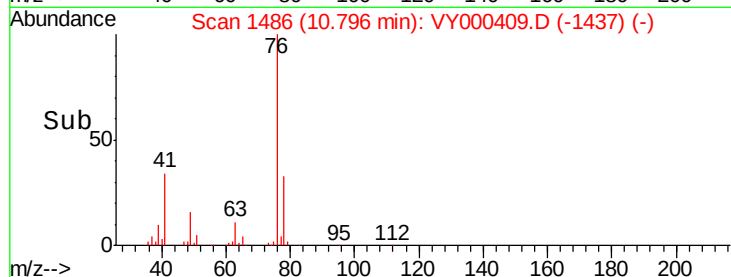
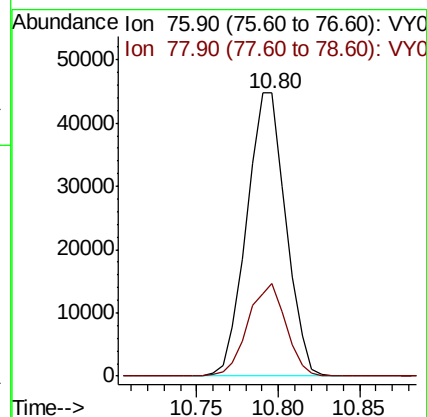
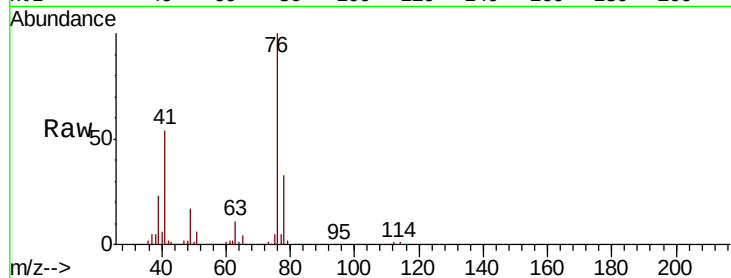
ClientSampled :

Tot Ion: 76 Resp: 75044

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 123.397 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000409.D

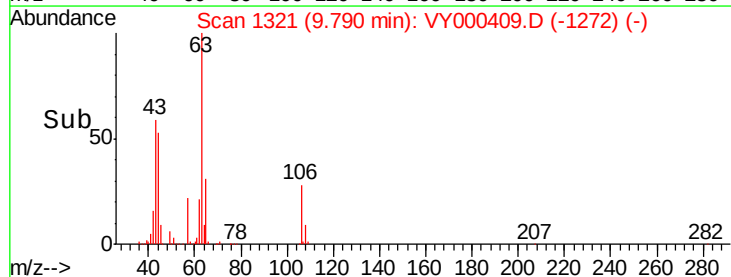
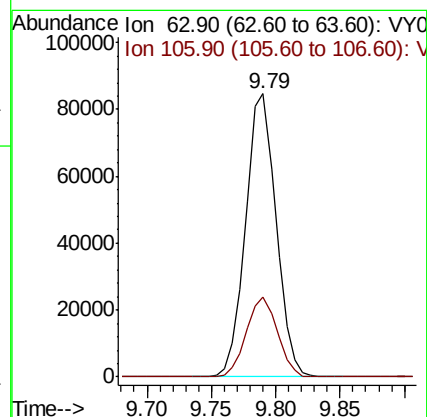
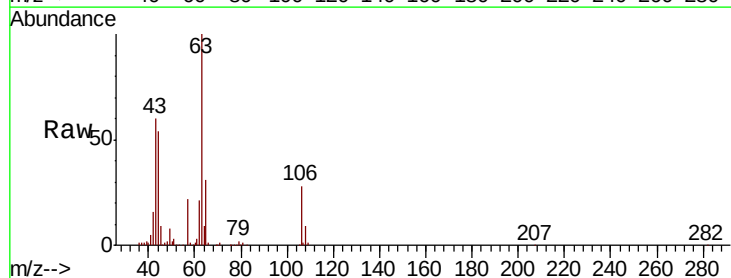
Acq: 24 Oct 2019 15:03

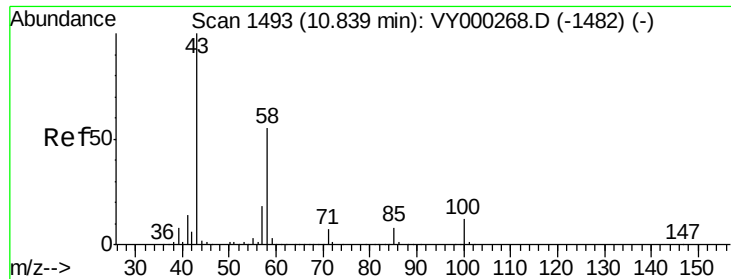
Tgt Ion: 63 Resp: 138357

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.4

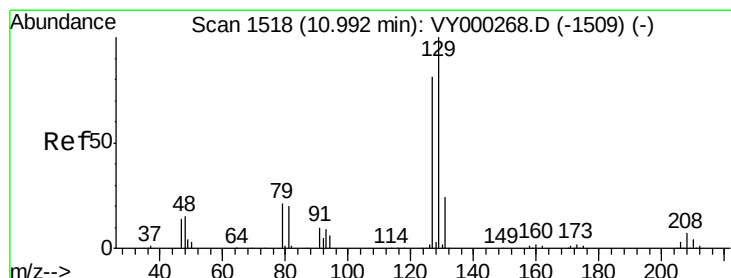
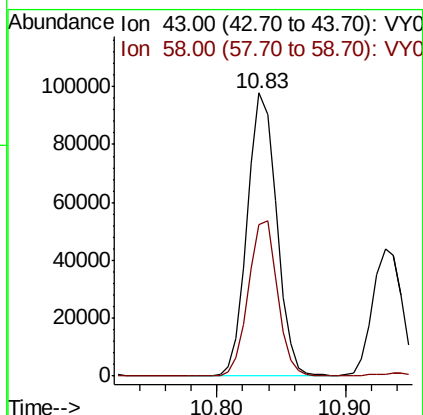
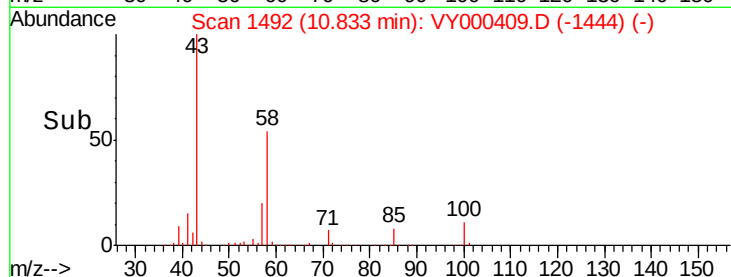
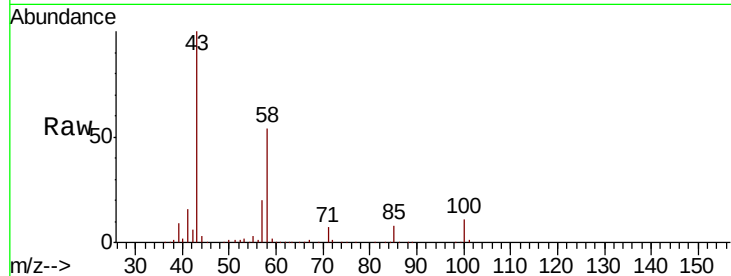




#59
2-Hexanone
Concen: 110.755 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

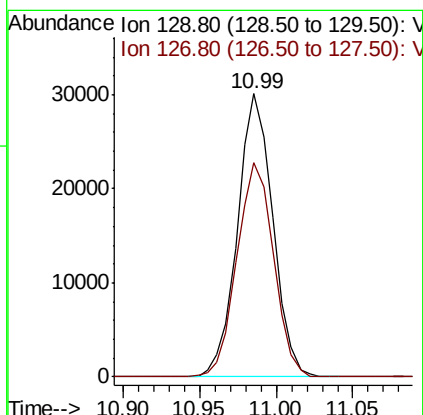
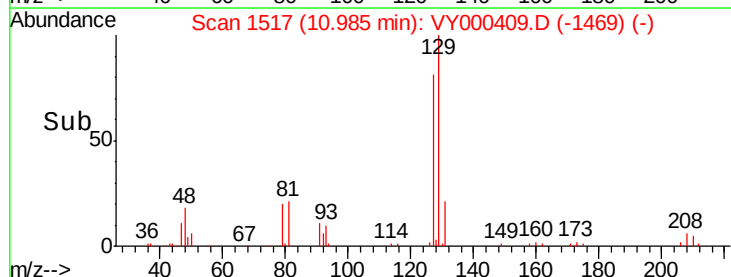
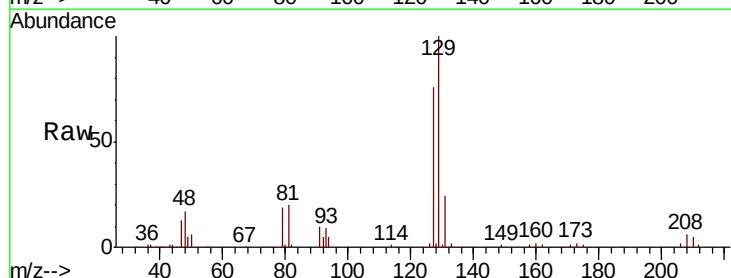
Instrument :
MSVOA_Y
ClientSampleId :

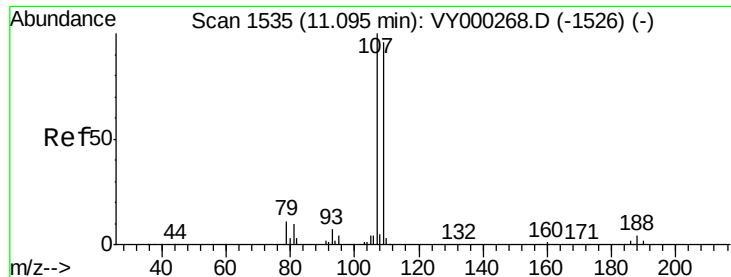
Tot Ion: 43 Resp: 154453
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



#60
Dibromochloromethane
Concen: 22.085 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 129 Resp: 48276
Ion Ratio Lower Upper
129 100
127 78.1 39.9 119.7

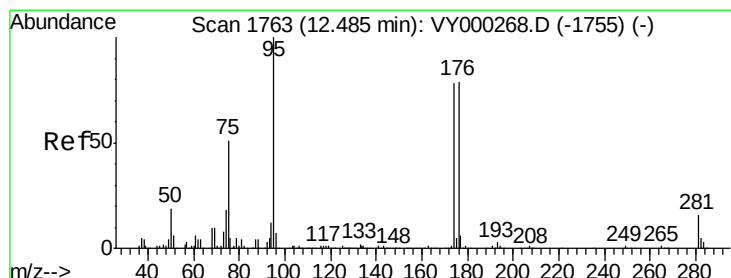
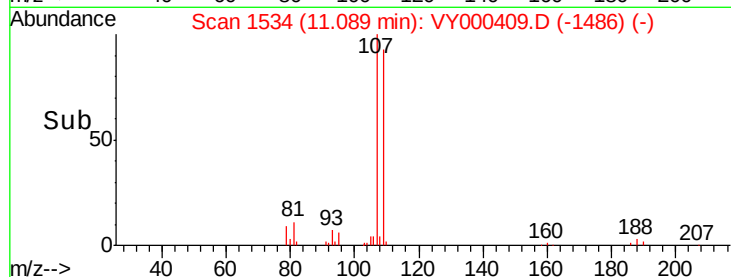
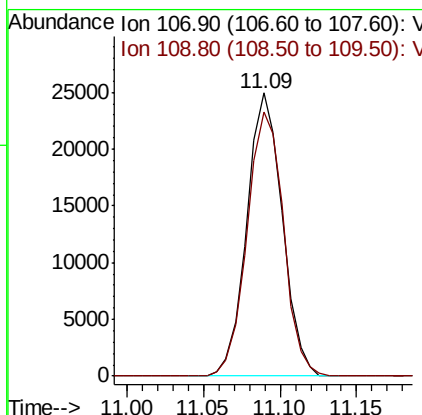
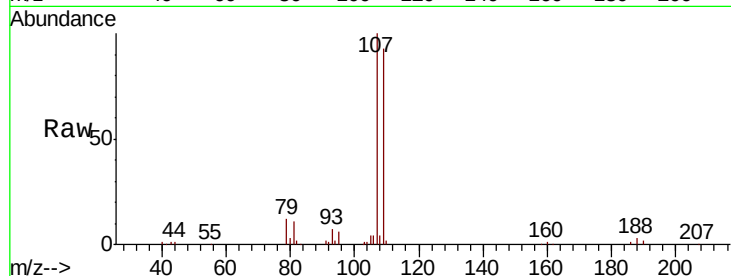




#61
 1,2-Dibromoethane
 Concen: 21.323 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

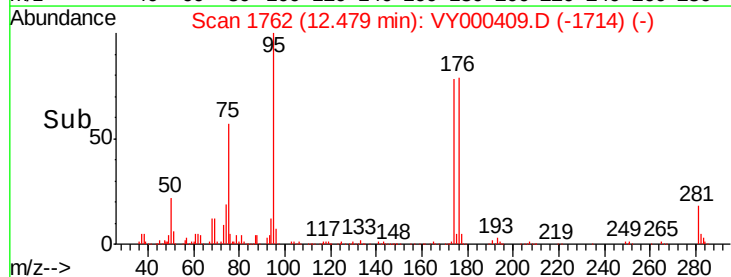
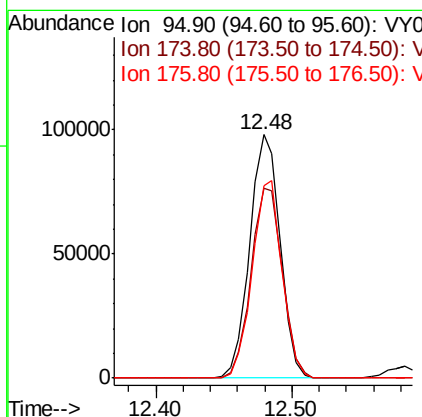
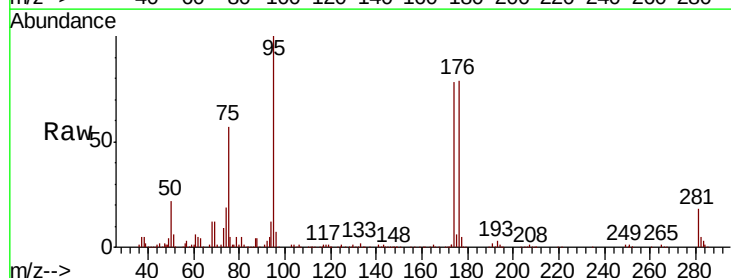
Instrument :
 MSVOA_Y
 ClientSampled :

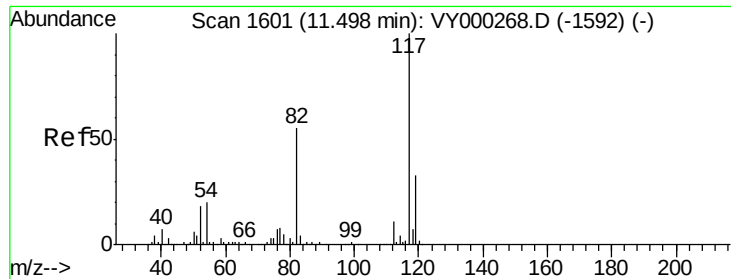
Tot Ion: 107 Resp: 40377
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.934 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion: 95 Resp: 153827
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 159.6
 176 79.9 0.0 153.8

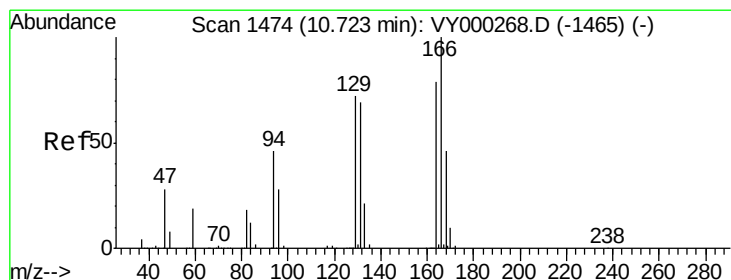
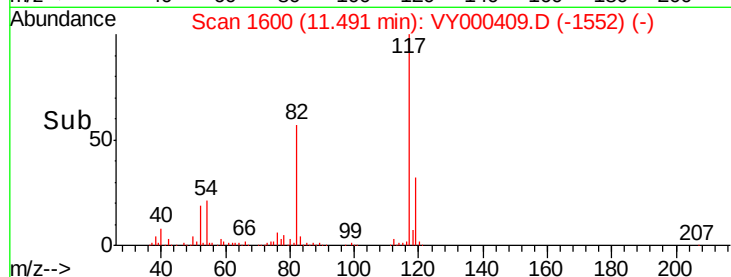
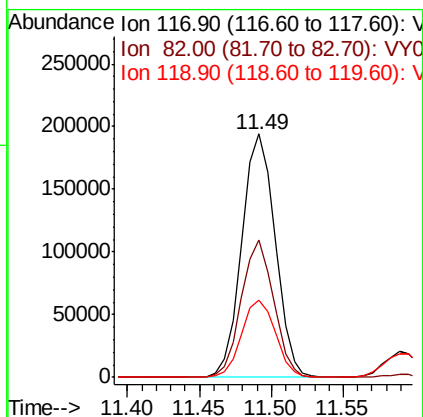
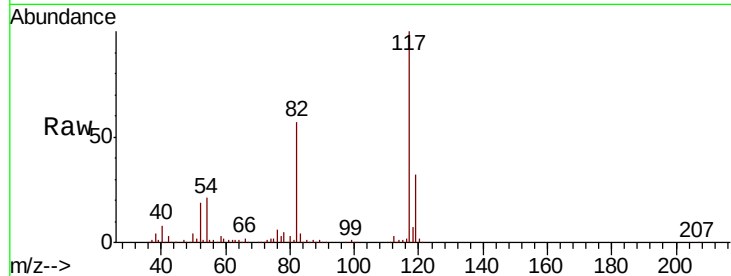




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

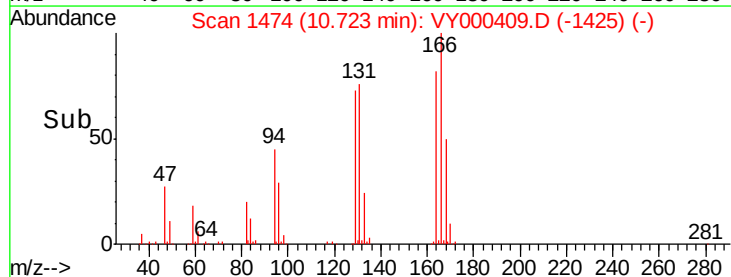
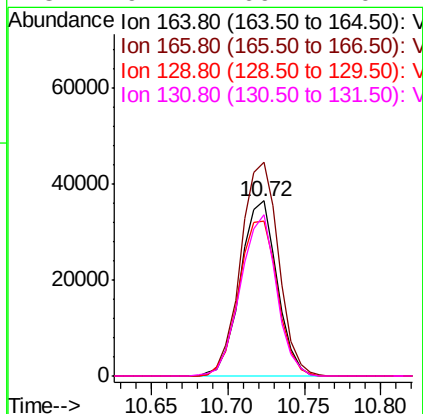
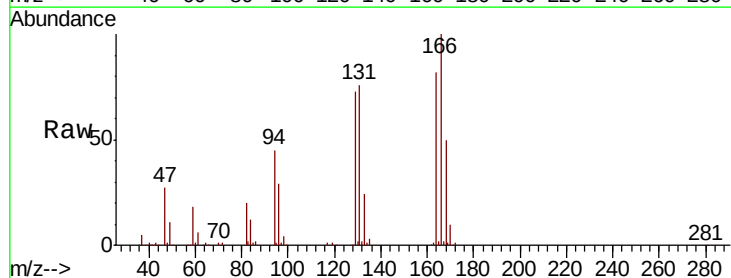
Instrument :
MSVOA_Y
ClientSampled :

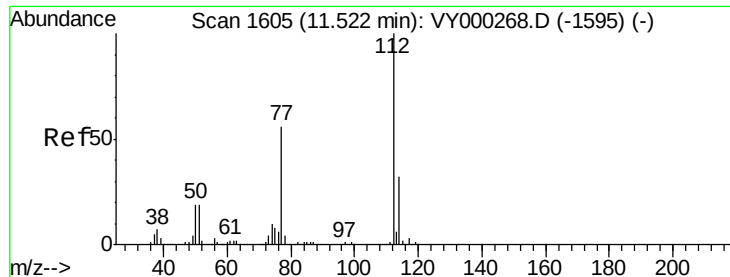
Tot Ion:117 Resp: 311879
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 20.399 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion:164 Resp: 60566
Ion Ratio Lower Upper
164 100
166 122.0 100.6 151.0
129 88.7 72.8 109.2
131 92.4 69.4 104.2

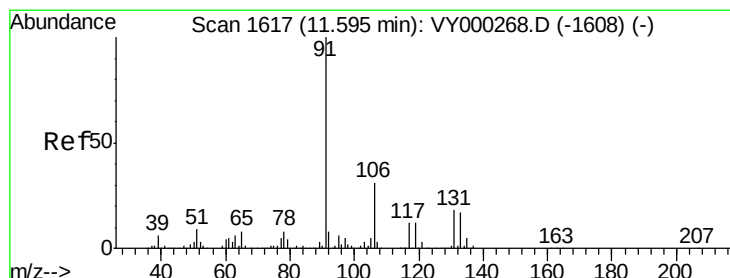
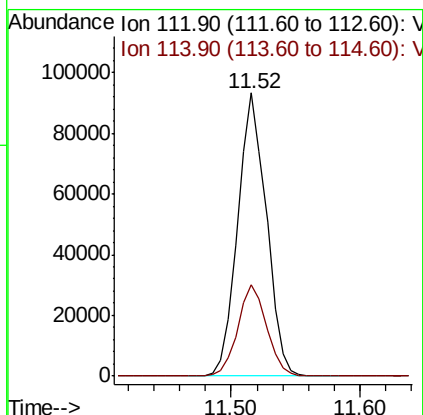
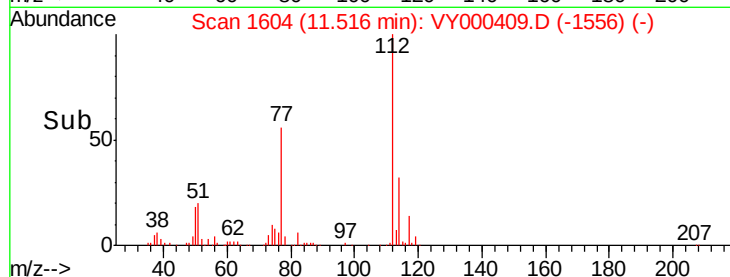
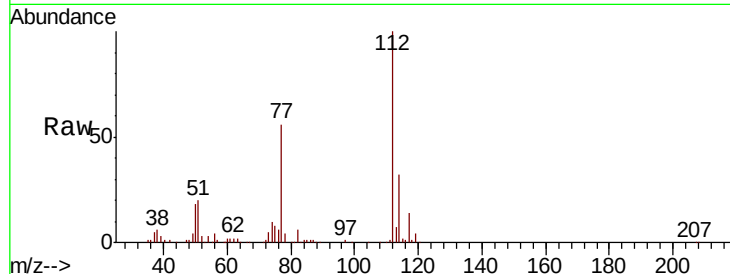




#65
Chlorobenzene
Concen: 21.797 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

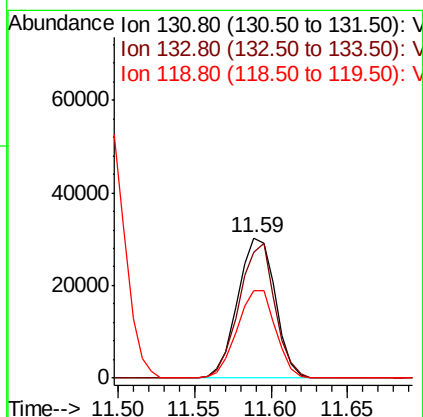
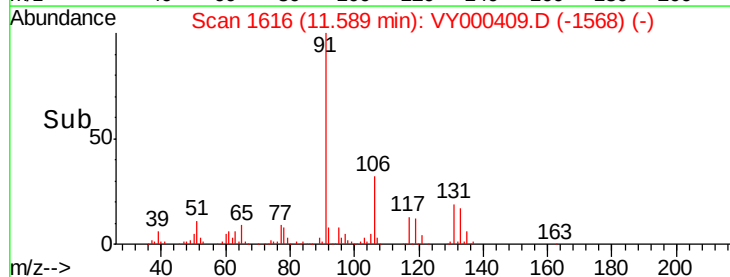
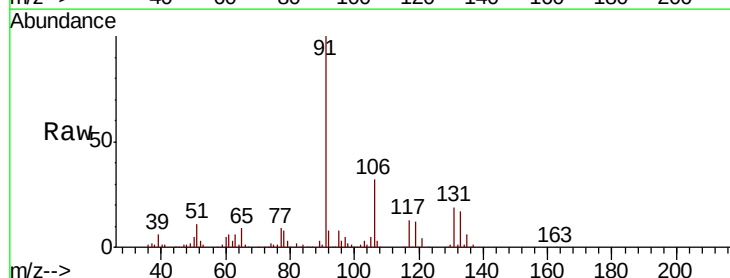
Instrument :
MSVOA_Y
ClientSampleId :

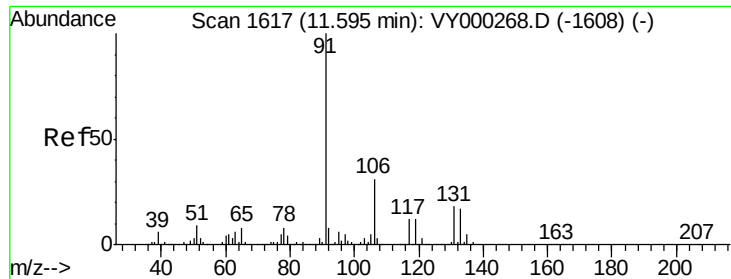
Tot Ion:112 Resp: 143467
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.342 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion:131 Resp: 51657
Ion Ratio Lower Upper
131 100
133 91.6 47.2 141.6
119 63.8 32.6 98.0

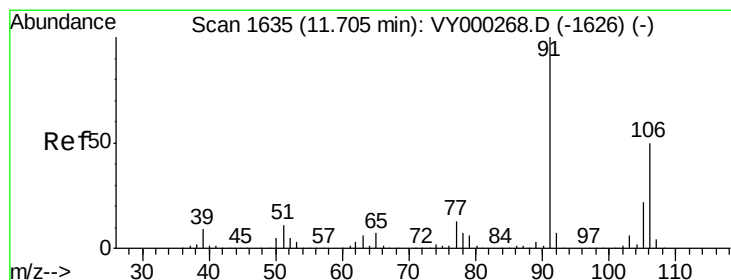
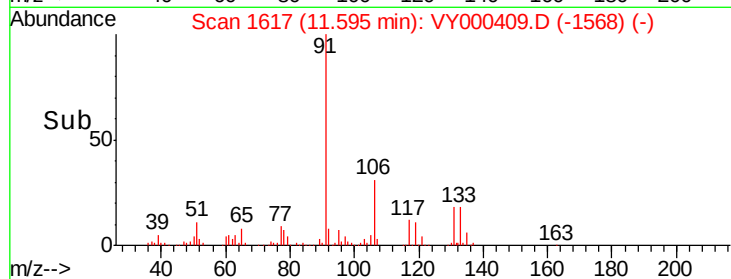
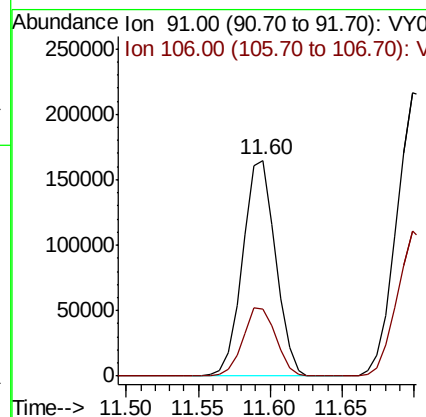
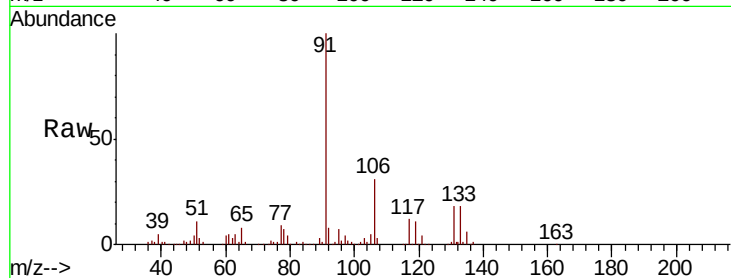




#67
Ethyl Benzene
Concen: 21.452 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

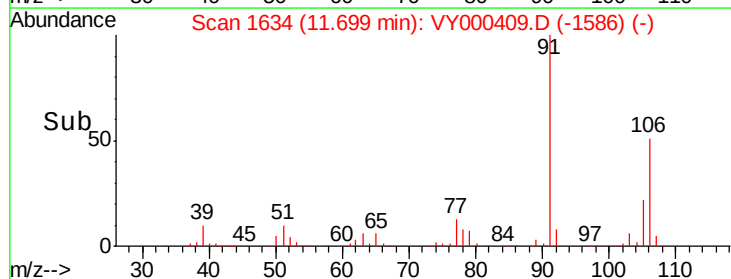
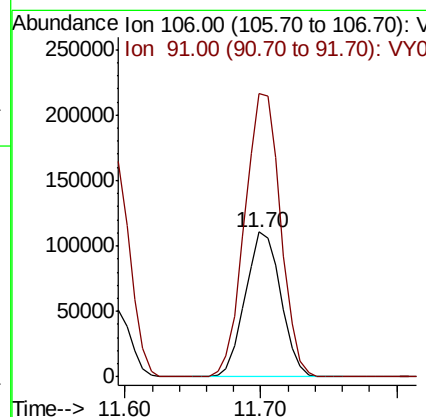
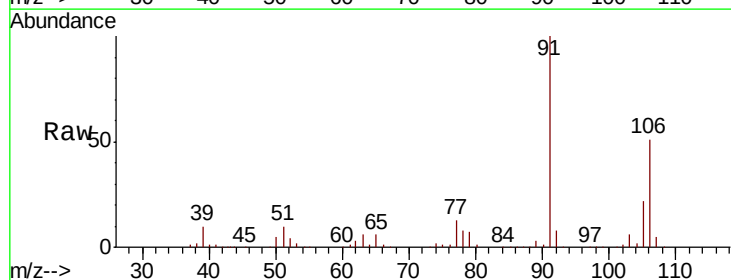
Instrument :
MSVOA_Y
ClientSampleId :

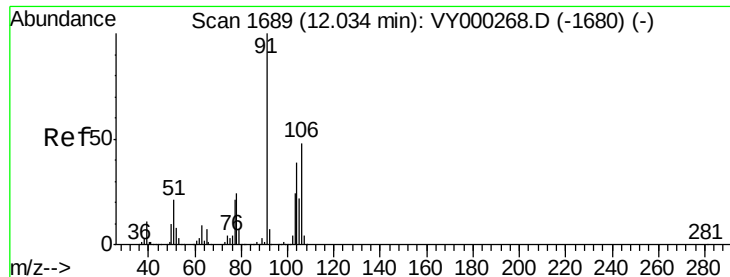
Tot Ion: 91 Resp: 261753
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 43.428 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 106 Resp: 202567
Ion Ratio Lower Upper
106 100
91 197.2 157.5 236.3

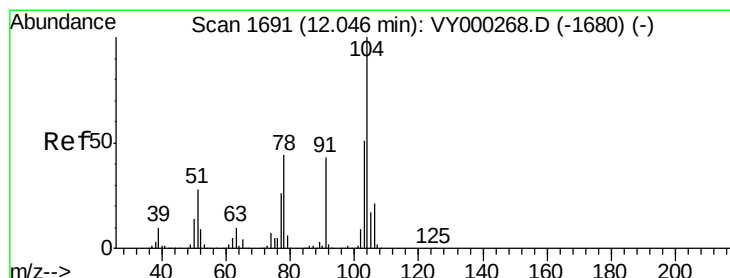
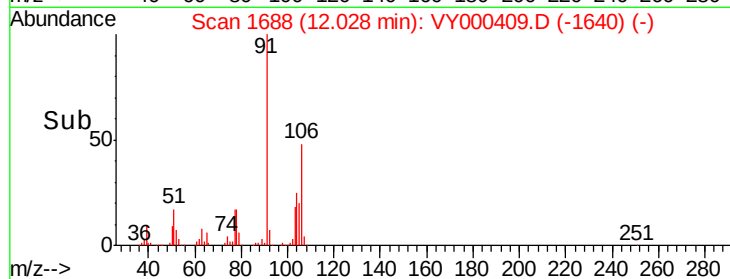
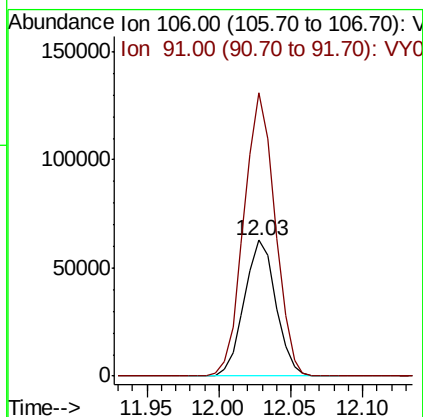
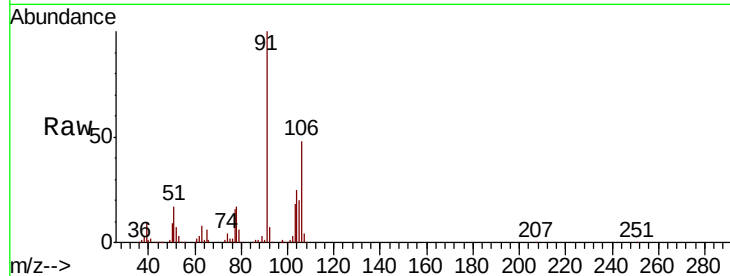




#69
o-Xylene
Concen: 21.414 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

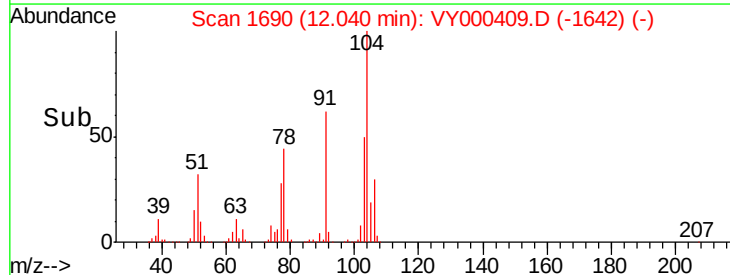
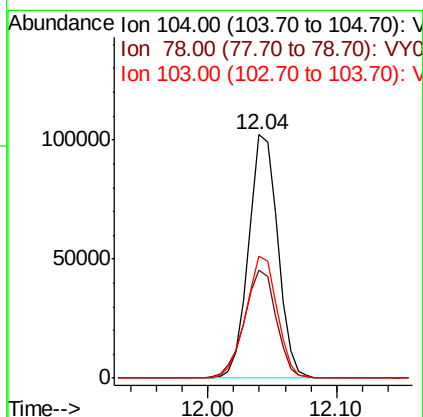
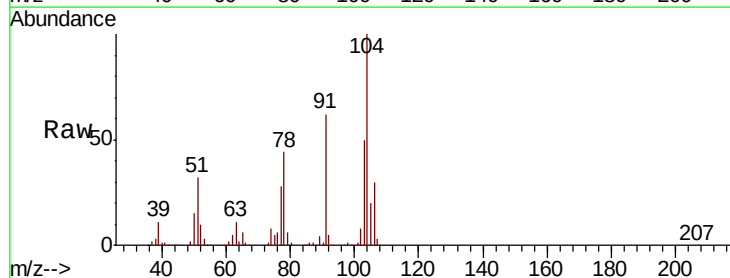
Instrument :
MSVOA_Y
ClientSampled :

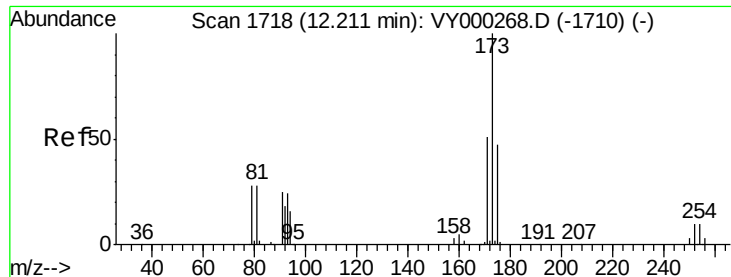
Tot Ion:106 Resp: 95287
Ion Ratio Lower Upper
106 100
91 206.0 104.7 313.9



#70
Styrene
Concen: 21.198 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion:104 Resp: 159081
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.0 43.1 64.7





#71

Bromoform

Concen: 21.075 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

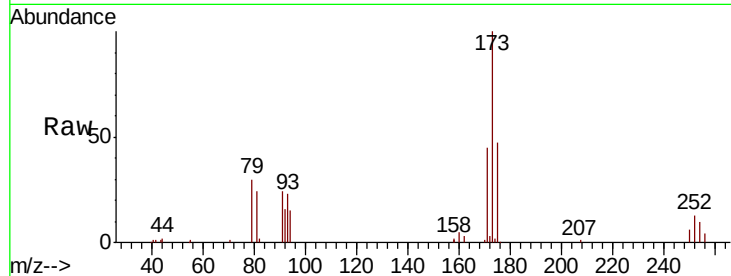
Tot Ion:173 Resp: 28012

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

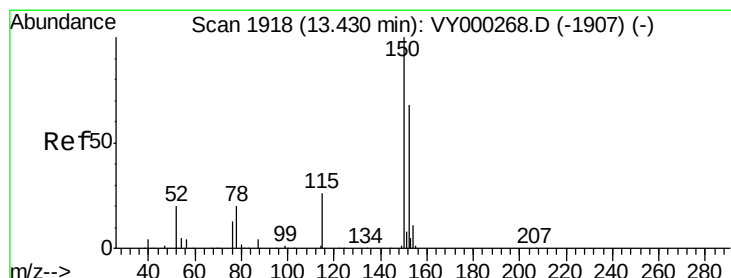
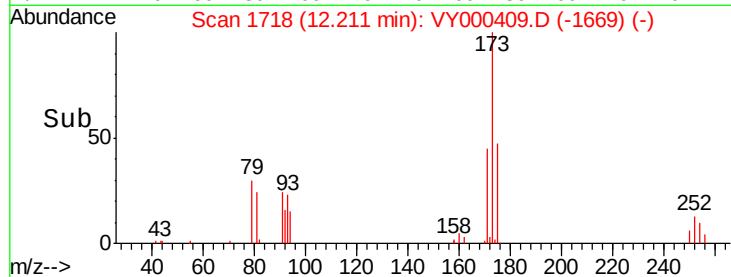
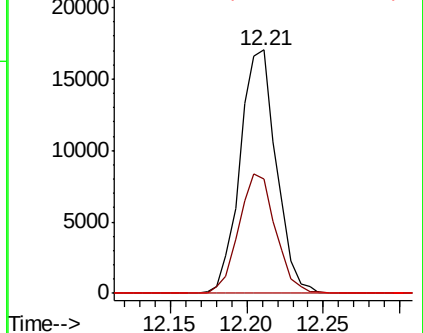
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

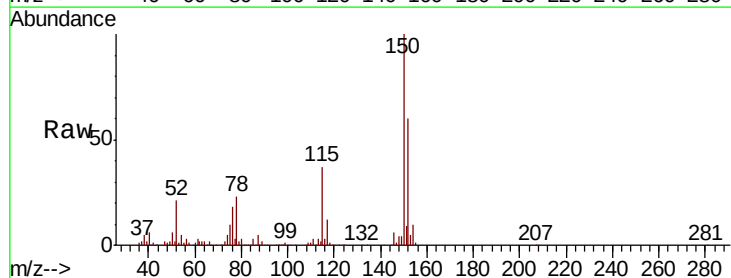
Tgt Ion:152 Resp: 155086

Ion Ratio Lower Upper

152 100

115 58.2 29.3 88.0

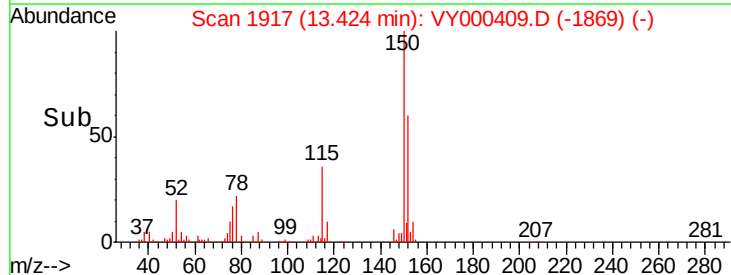
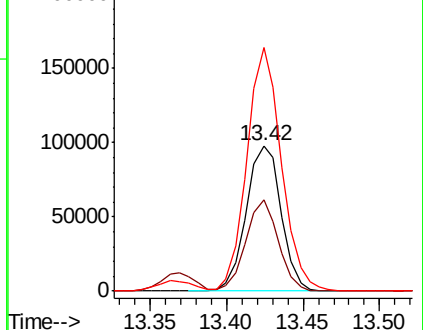
150 165.6 0.0 348.4

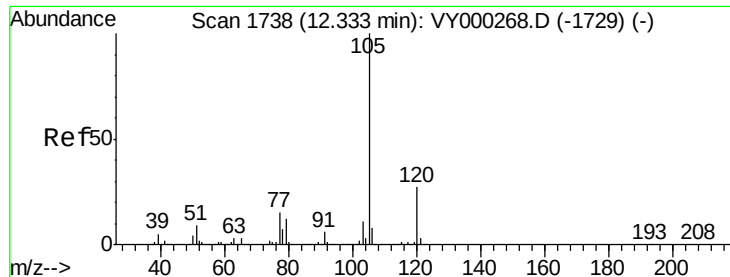


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.947 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

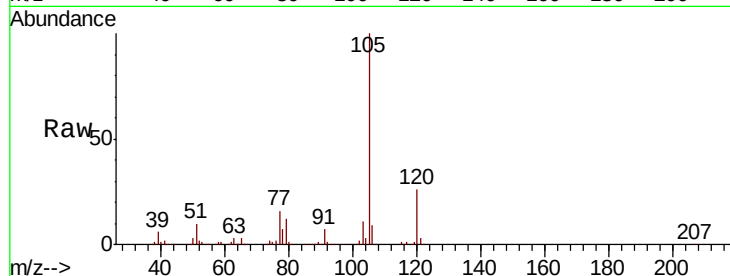
ClientSampleId :

Tot Ion:105 Resp: 253301

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

150000

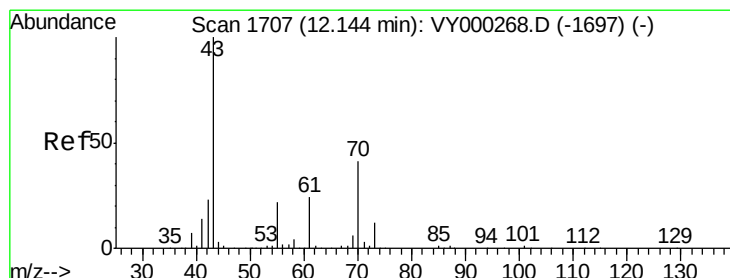
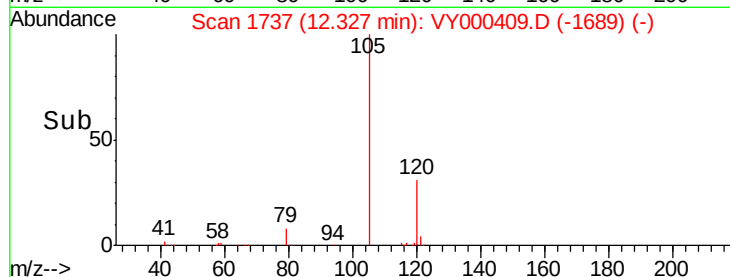
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 22.298 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Tgt Ion: 43 Resp: 66197

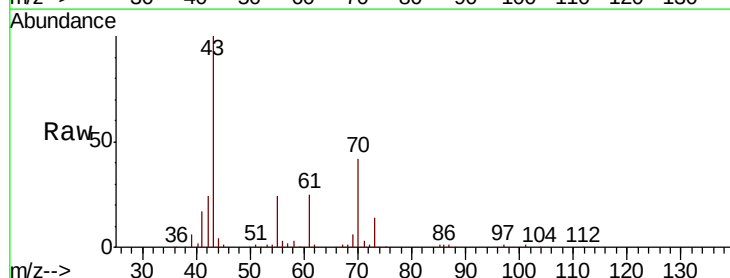
Ion Ratio Lower Upper

43 100

70 39.7 32.9 49.3

55 23.7 17.8 26.6

61 24.2 19.5 29.3



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

60000

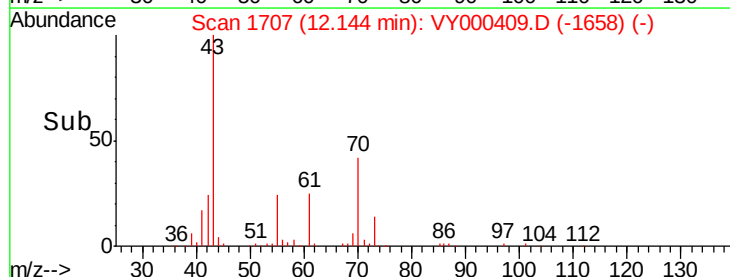
40000

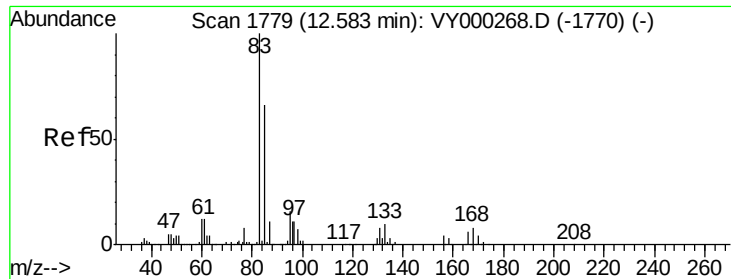
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.997 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

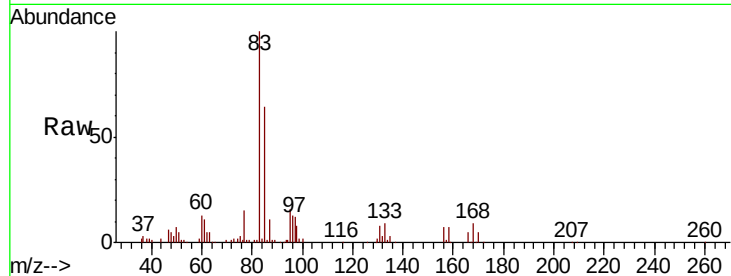
Tot Ion: 83 Resp: 49944

Ion Ratio Lower Upper

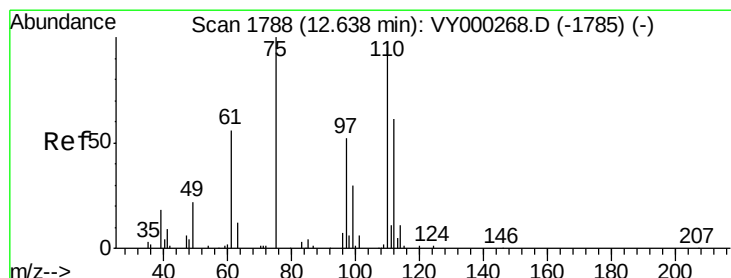
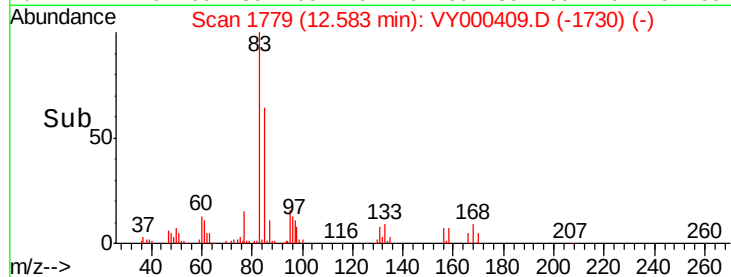
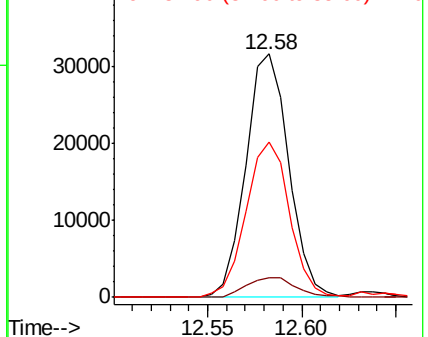
83 100

131 9.5 5.3 16.1

85 64.8 32.9 98.7



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



#76

1,2,3-Trichloropropane

Concen: 35.087 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000409.D

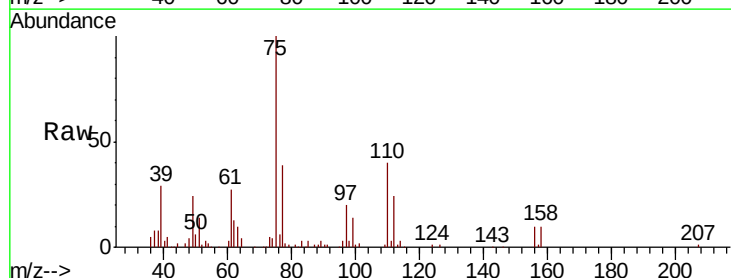
Acq: 24 Oct 2019 15:03

Tgt Ion: 75 Resp: 66911

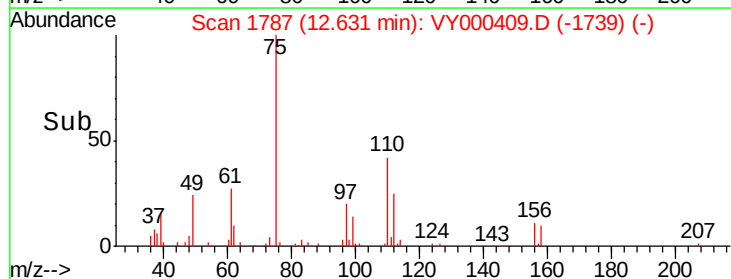
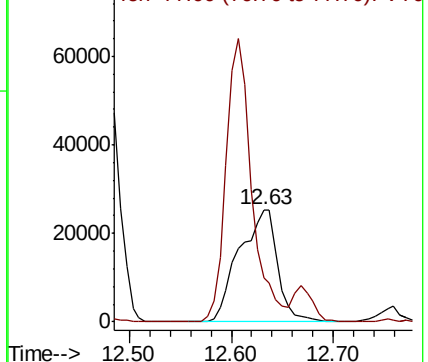
Ion Ratio Lower Upper

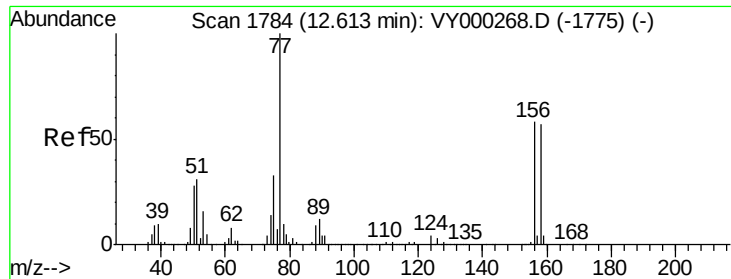
75 100

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: 21.486 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampled :

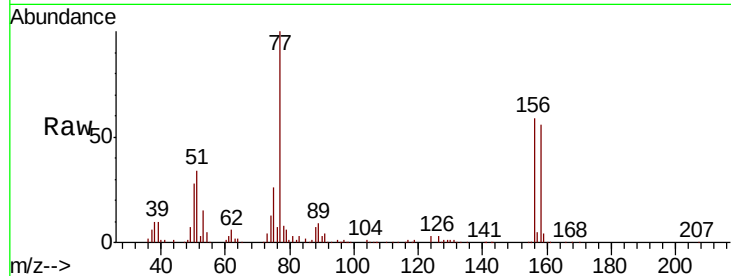
Tot Ion:156 Resp: 57815

Ion Ratio Lower Upper

156 100

77 194.8 101.0 302.9

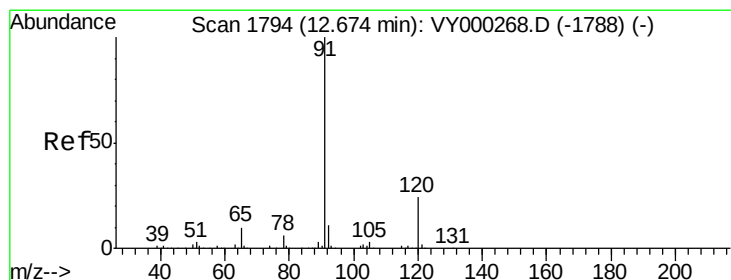
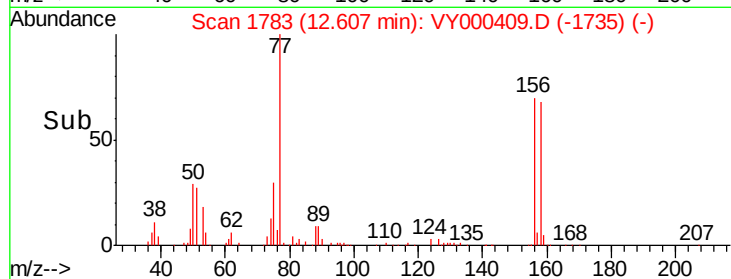
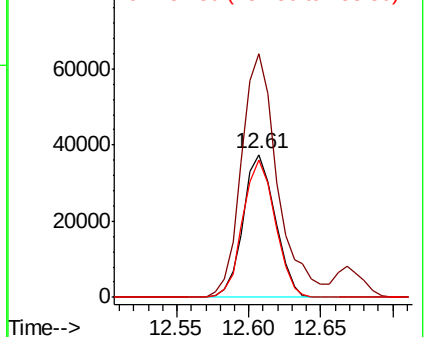
158 97.3 49.7 149.1



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: 20.930 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000409.D

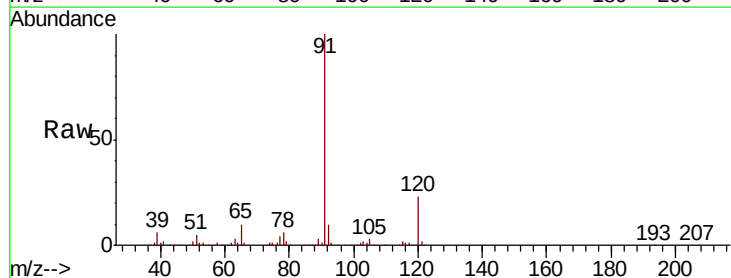
Acq: 24 Oct 2019 15:03

Tgt Ion: 91 Resp: 303889

Ion Ratio Lower Upper

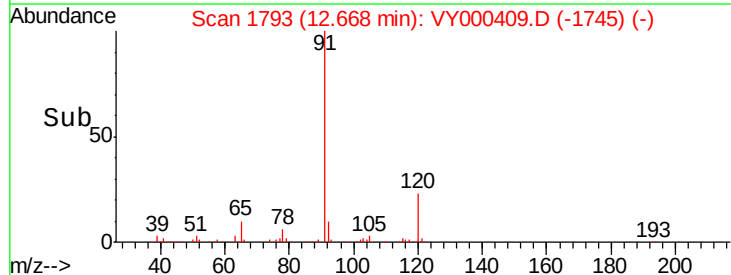
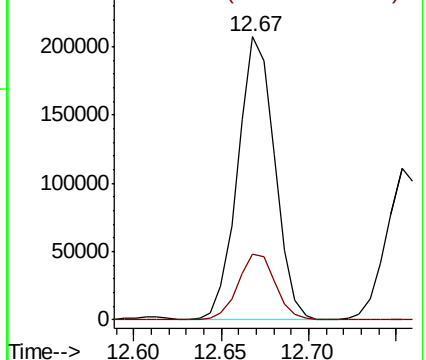
91 100

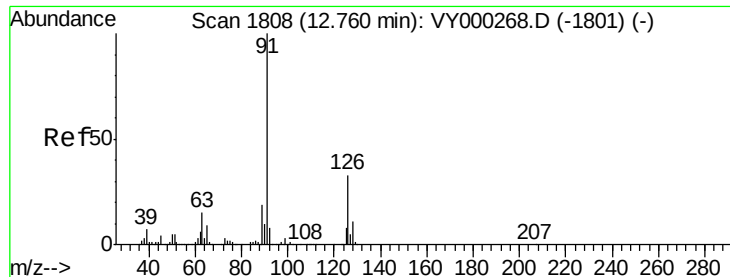
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.865 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

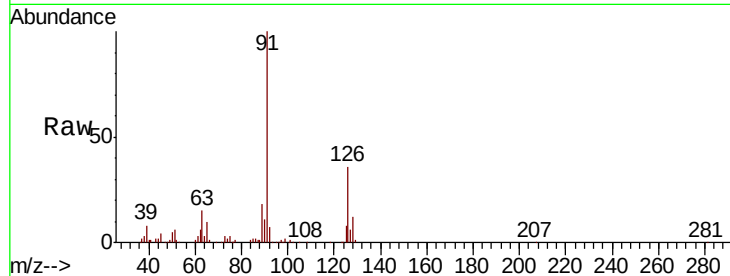
ClientSampleId :

Tot Ion: 91 Resp: 167298

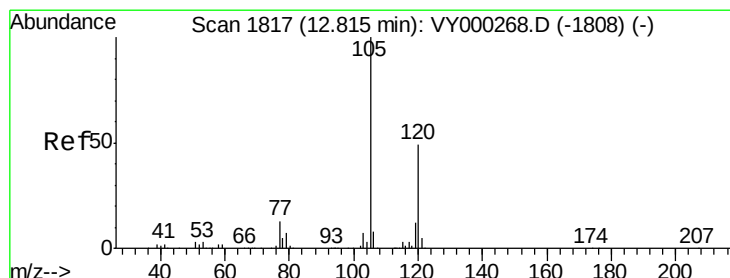
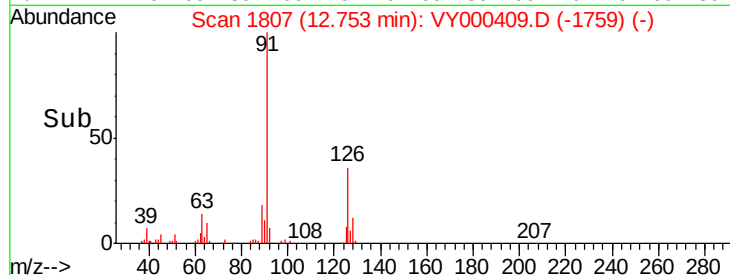
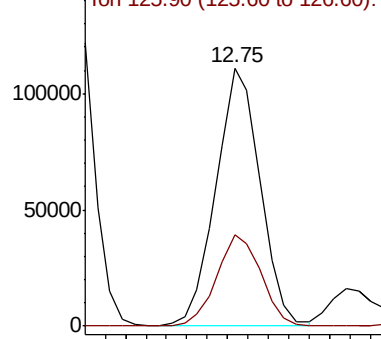
Ion Ratio Lower Upper

91 100

126 35.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000409.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.110 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000409.D

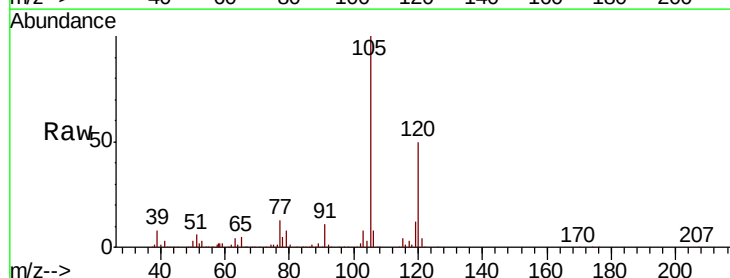
Acq: 24 Oct 2019 15:03

Tgt Ion:105 Resp: 214050

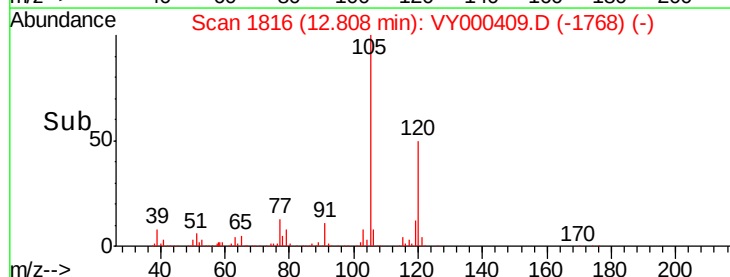
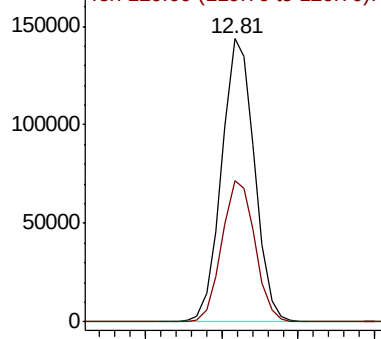
Ion Ratio Lower Upper

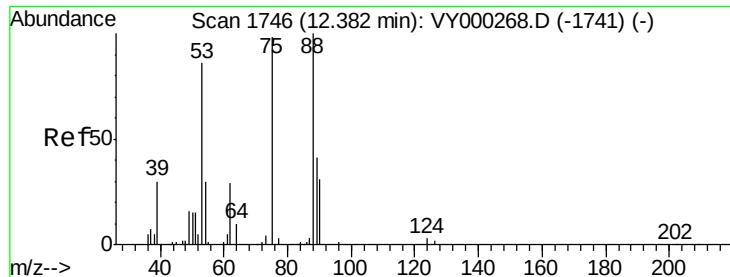
105 100

120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000409.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.111 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

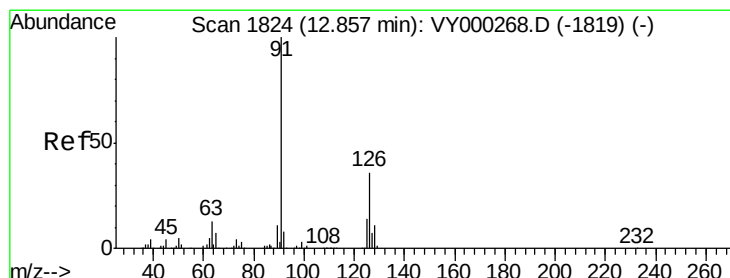
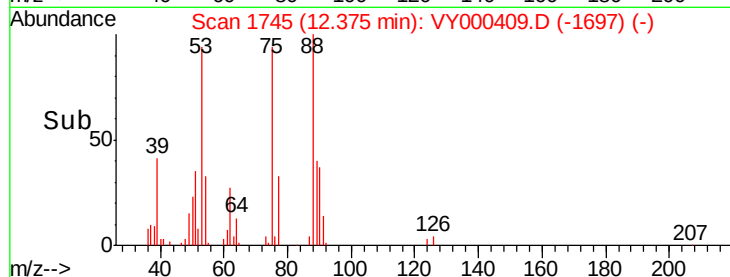
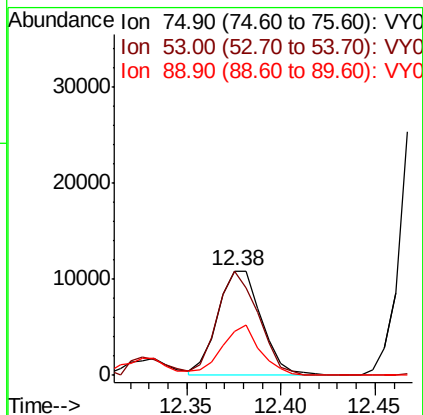
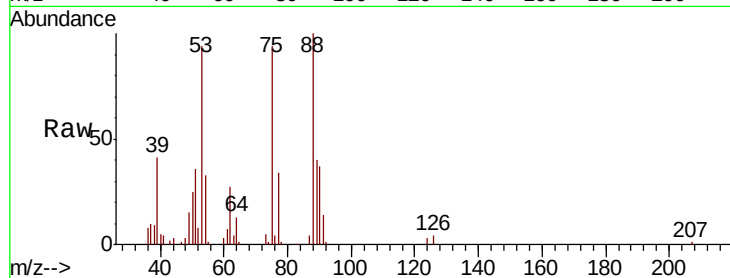
Tot Ion: 75 Resp: 17529

Ion Ratio Lower Upper

75 100

53 93.9 71.3 106.9

89 42.0 35.1 52.7



#82

4-Chlorotoluene

Concen: 21.204 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000409.D

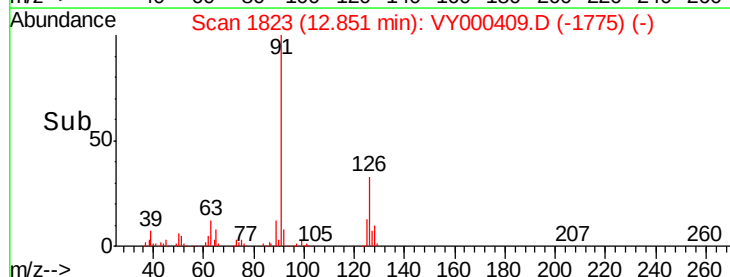
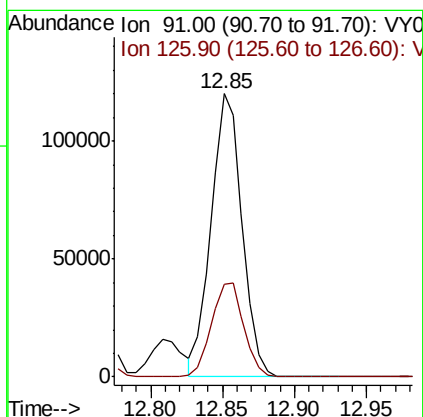
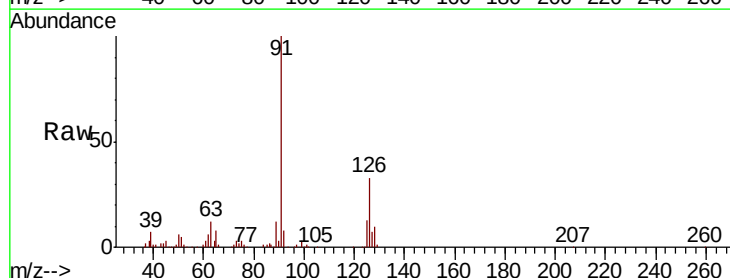
Acq: 24 Oct 2019 15:03

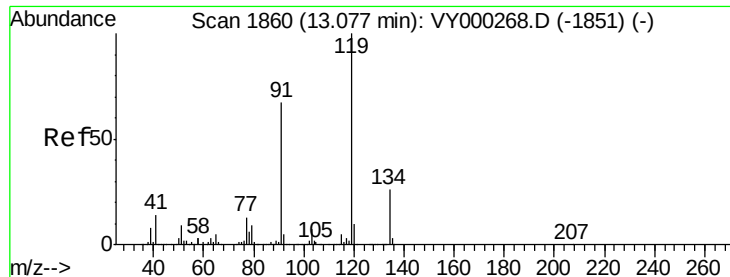
Tgt Ion: 91 Resp: 179718

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.5

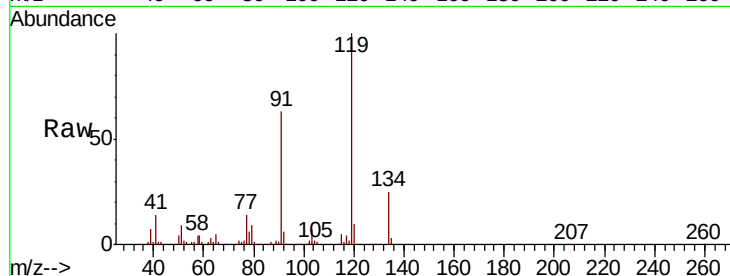




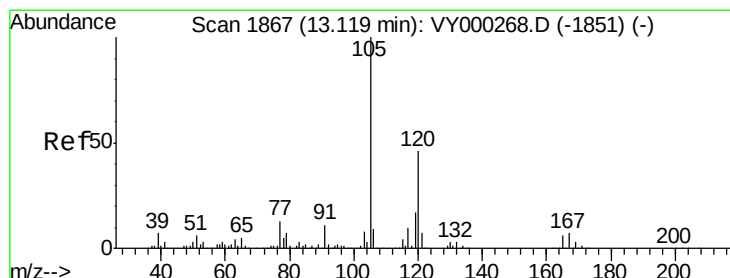
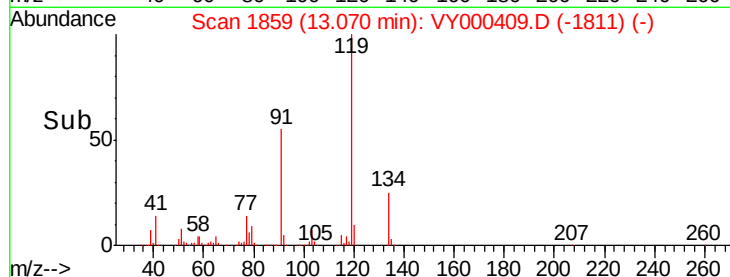
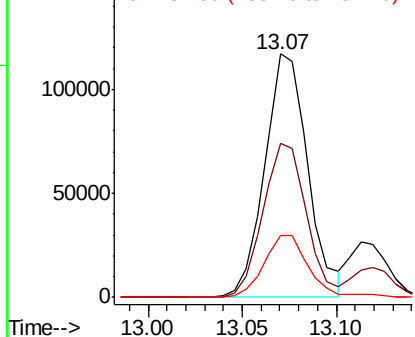
#83
tert-Butylbenzene
Concen: 21.577 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 185278
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.7
134 26.7 13.3 39.8

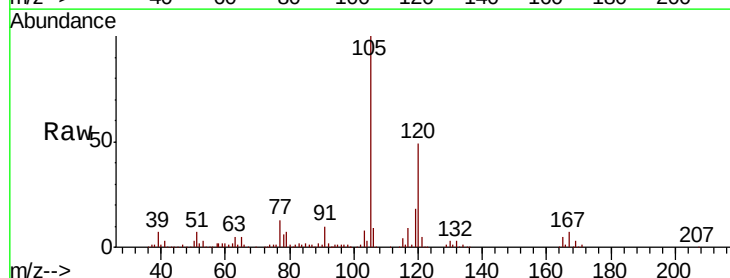


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

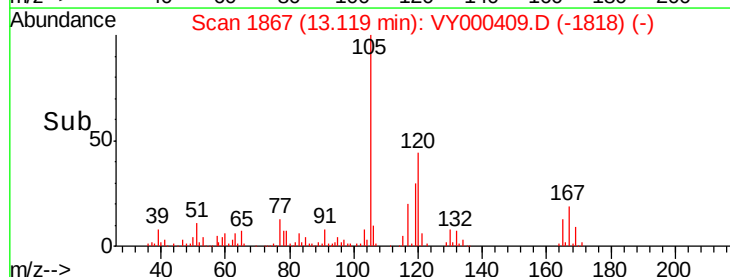
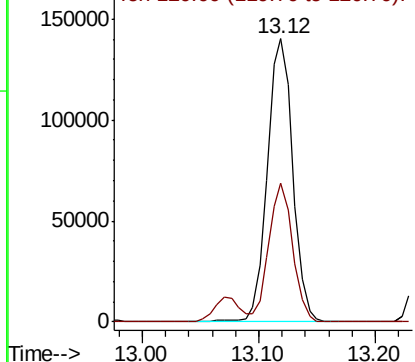


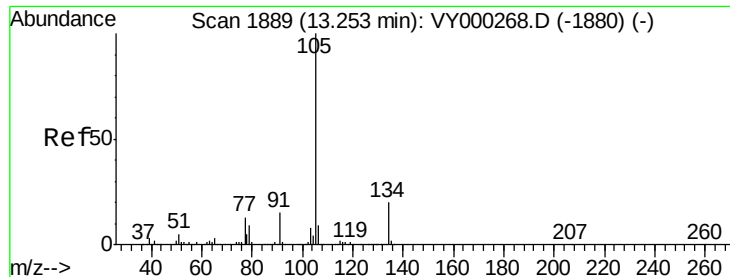
#84
1,2,4-Trimethylbenzene
Concen: 21.194 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion:105 Resp: 212105
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.977 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

Instrument :

MSVOA_Y

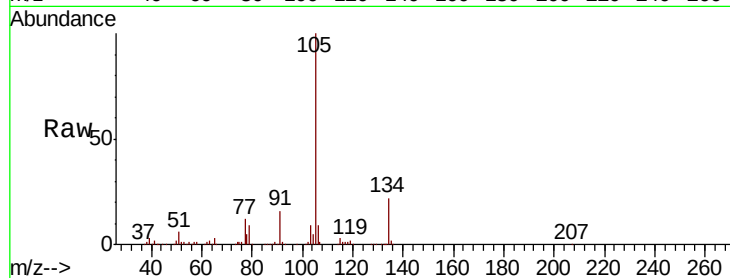
ClientSampleId :

Tot Ion:105 Resp: 260580

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

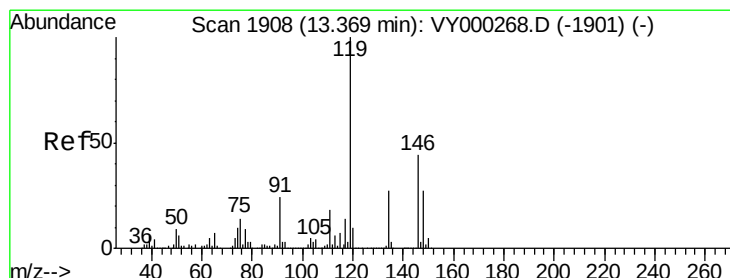
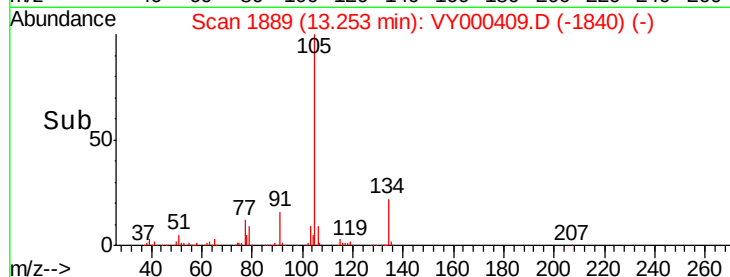
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 21.489 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000409.D

Acq: 24 Oct 2019 15:03

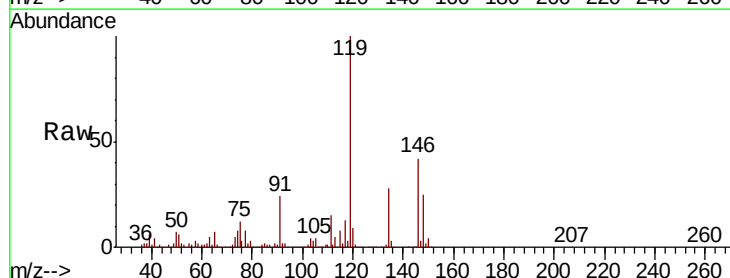
Tgt Ion:119 Resp: 232721

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 23.9 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

200000

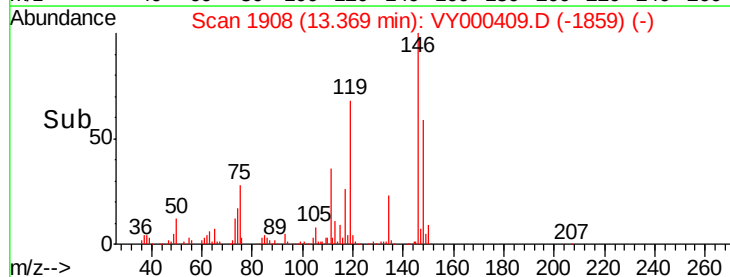
150000

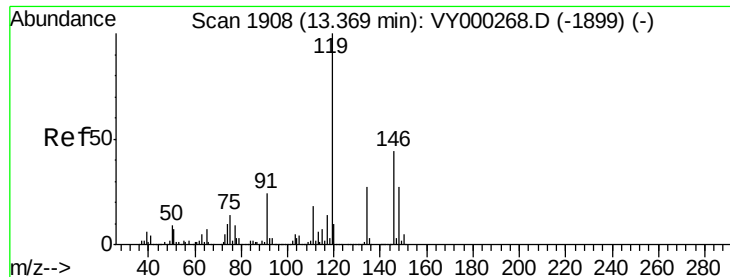
100000

50000

0

Time--> 13.30 13.40

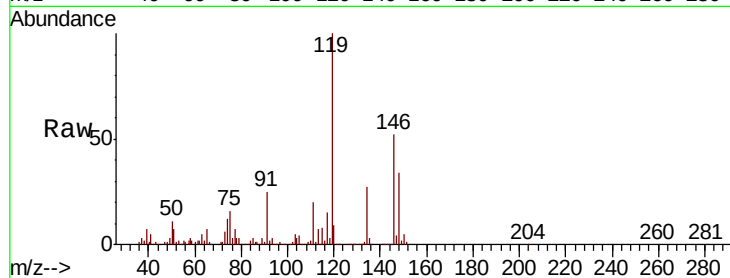




#87
 1,3-Dichlorobenzene
 Concen: 21.385 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.6	61.8
148	63.0	31.9	95.5

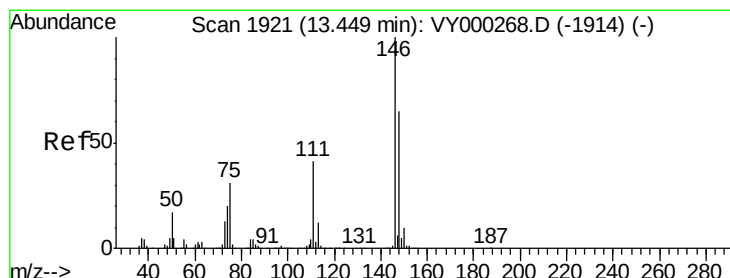
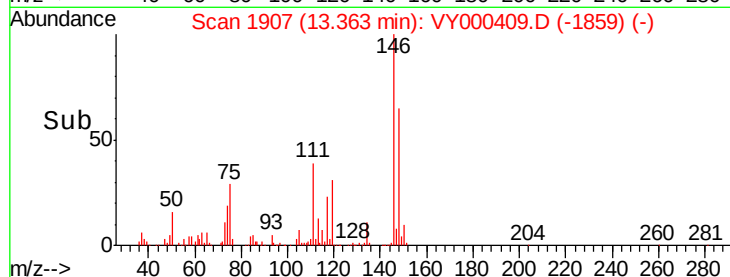
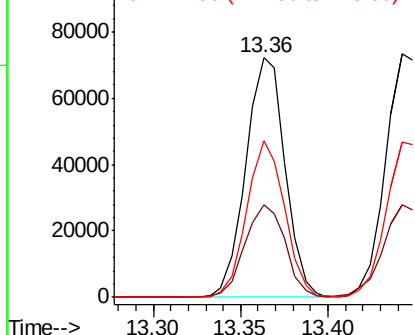


Abundance

Ion 145.90 (145.60 to 146.60): V

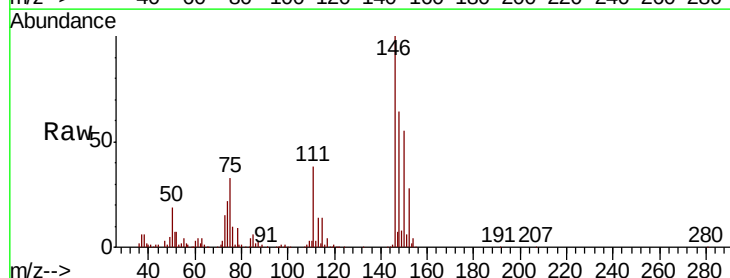
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 21.809 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	62.2	32.4	97.2

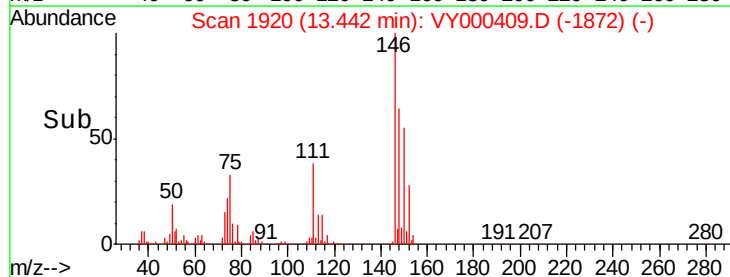
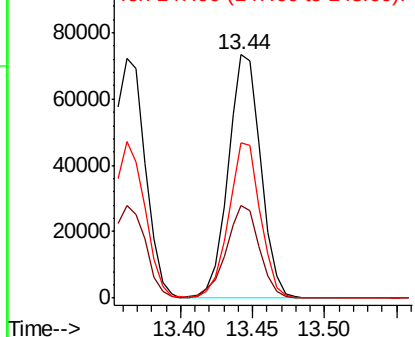


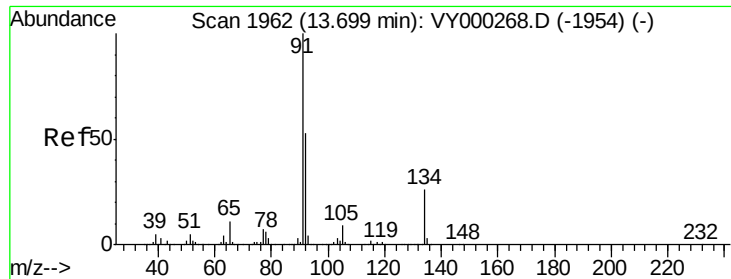
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

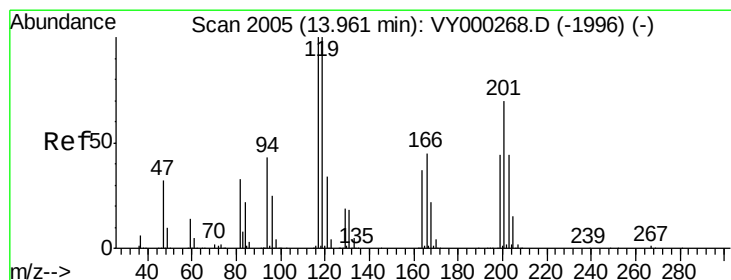
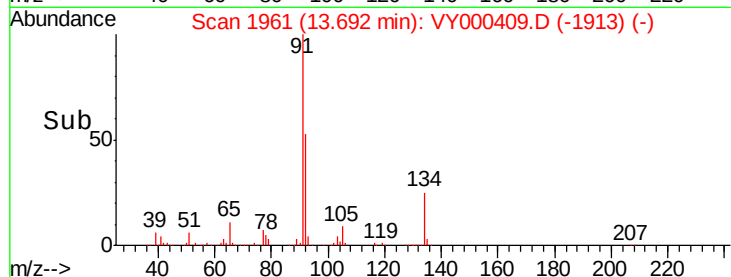
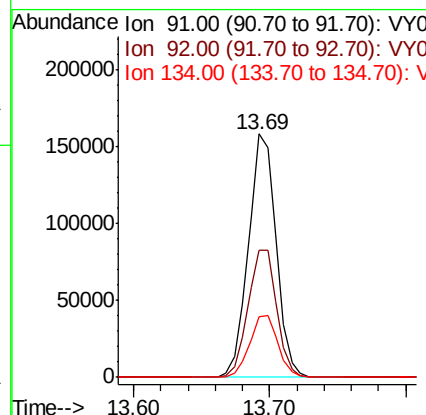
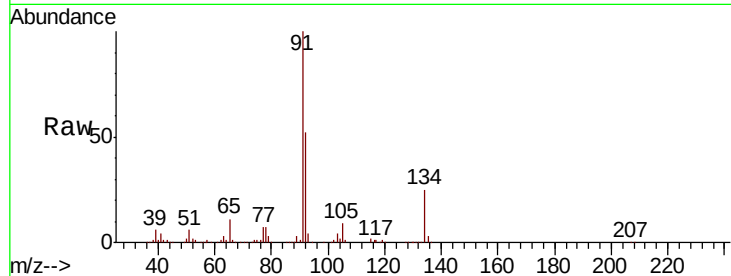




#89
n-Butylbenzene
Concen: 21.067 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

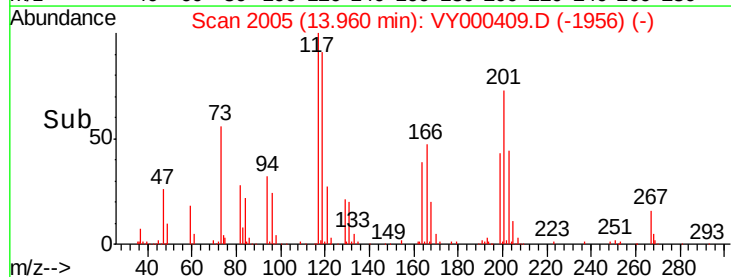
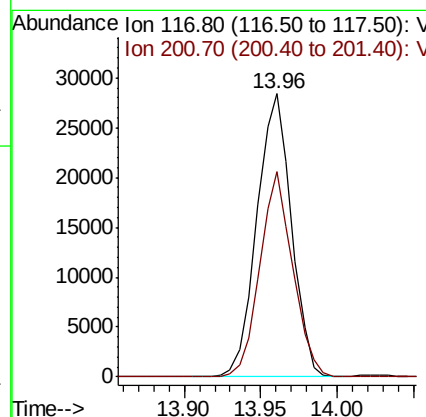
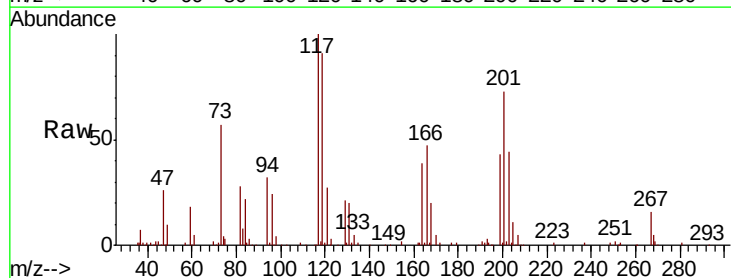
Instrument :
MSVOA_Y
ClientSampleId :

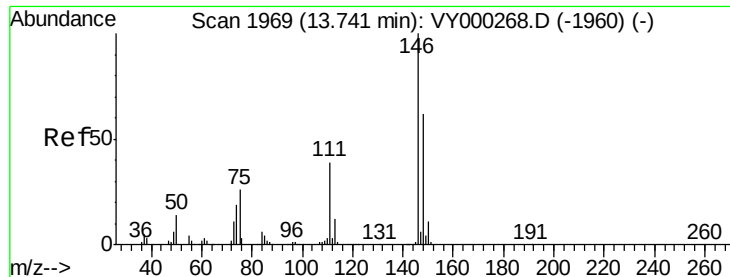
Tot Ion: 91 Resp: 225456
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 22.176 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion: 117 Resp: 44471
Ion Ratio Lower Upper
117 100
201 69.2 36.3 108.7

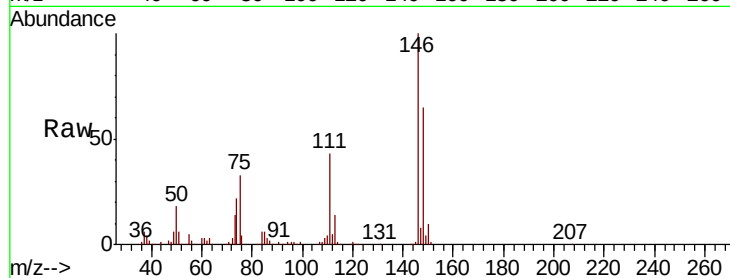




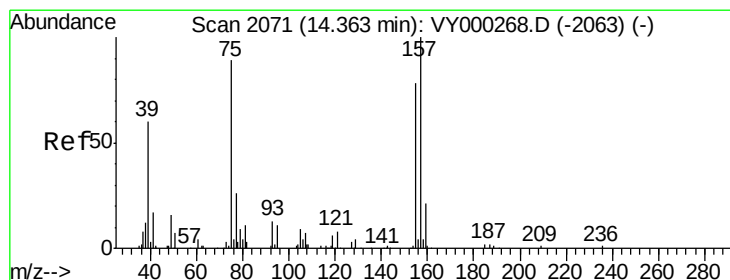
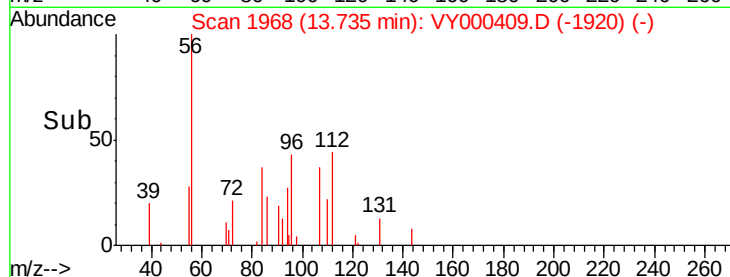
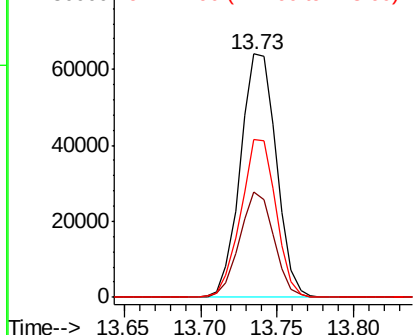
#91
 1,2-Dichlorobenzene
 Concen: 21.780 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	63.3	31.6	95.0

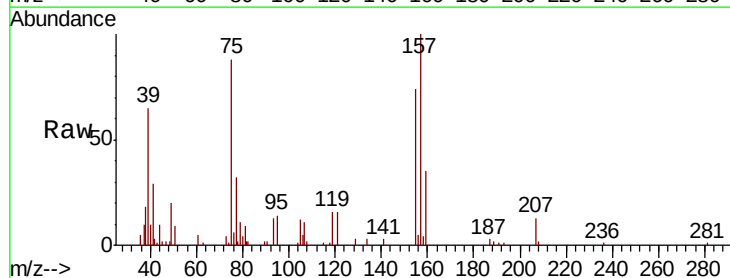


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

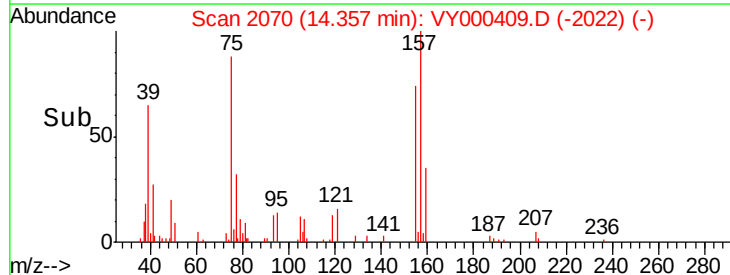
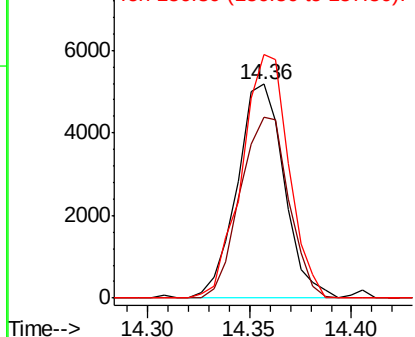


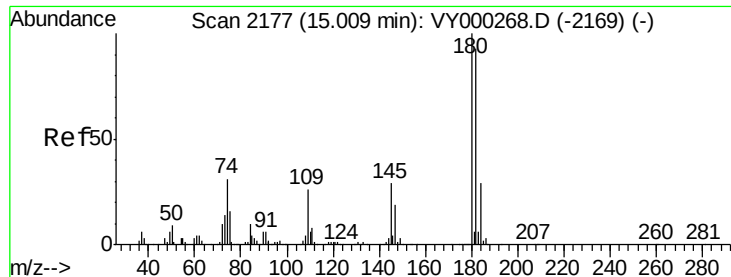
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.319 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	45.8	137.3
157	113.8	55.6	166.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

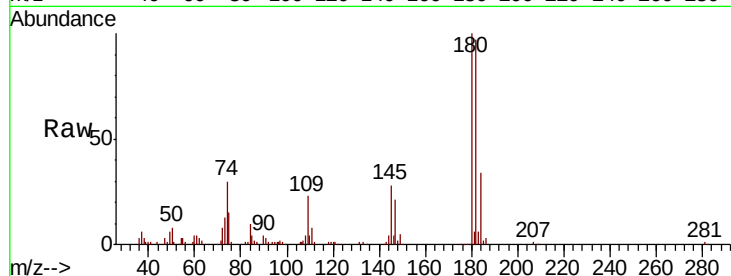




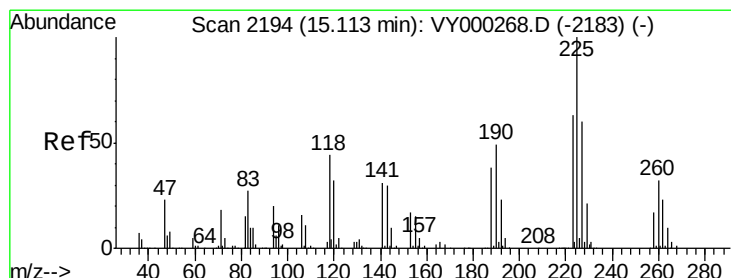
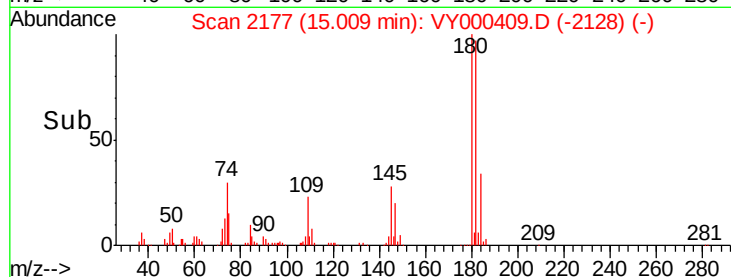
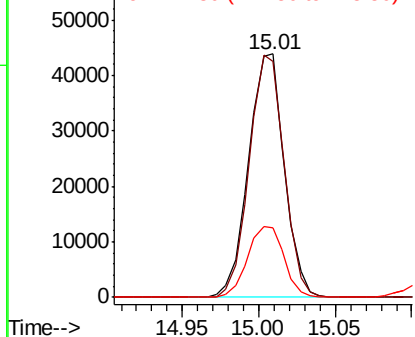
#93
 1,2,4-Trichlorobenzene
 Concen: 21.339 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 71284
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.5 142.6
 145 29.7 15.4 46.1

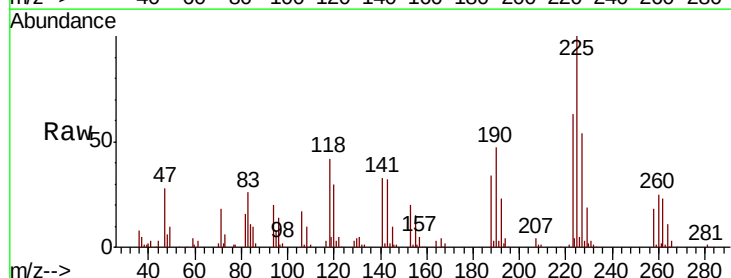


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

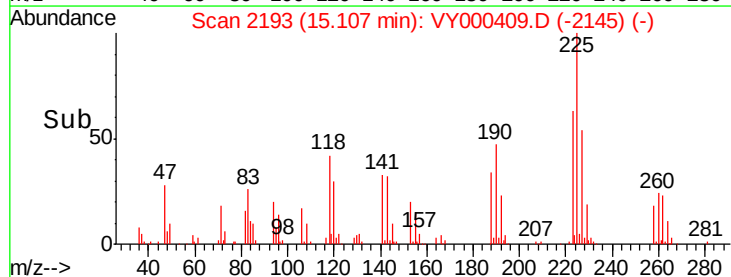
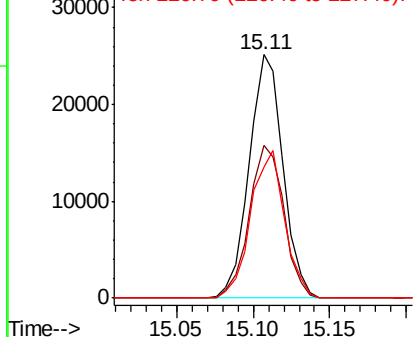


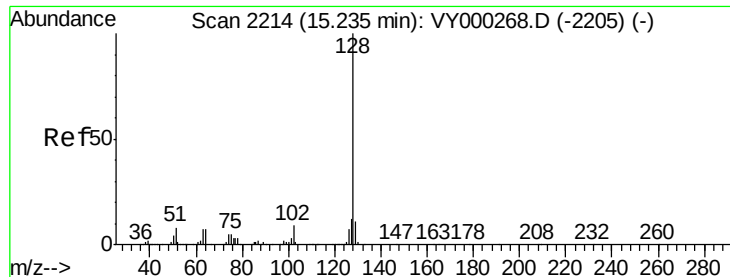
#94
 Hexachlorobutadiene
 Concen: 21.413 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000409.D
 Acq: 24 Oct 2019 15:03

Tgt Ion:225 Resp: 38711
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.7
 227 60.7 31.4 94.2



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

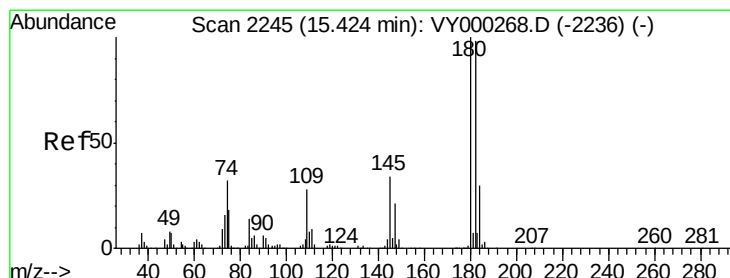
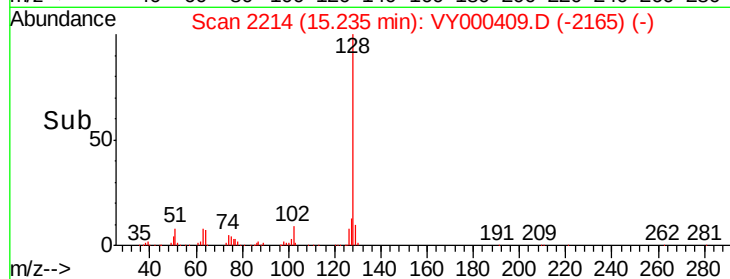
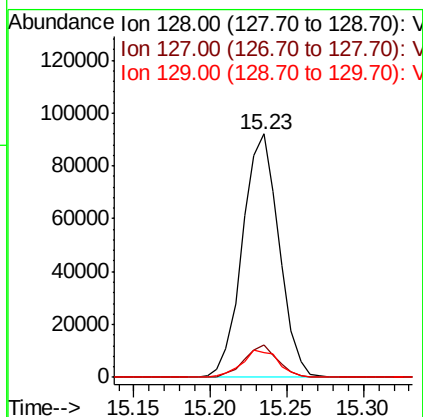
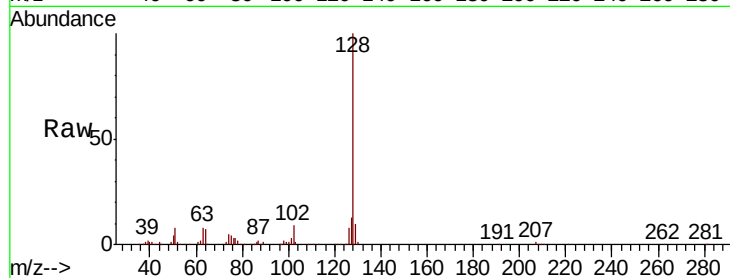




#95
Naphthalene
Concen: 20.495 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 152785
Ion Ratio Lower Upper
128 100
127 12.3 9.6 14.4
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.547 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000409.D
Acq: 24 Oct 2019 15:03

Tgt Ion:180 Resp: 64872
Ion Ratio Lower Upper
180 100
182 95.3 46.5 139.5
145 33.2 16.2 48.5

