

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002228.D
 Acq On : 06 Apr 2020 11:56
 Operator : SY/MD
 Sample : VY0406SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:22:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	157793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	284127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	84362	48.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.73	113	82532	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	10.19	98	335620	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.49	95	115530	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31556	27.698	ug/l	99
3) Chloromethane	2.12	50	39749	21.556	ug/l	98
4) Vinyl Chloride	2.26	62	40905	21.811	ug/l	96
5) Bromomethane	2.65	94	26722	21.833	ug/l	100
6) Chloroethane	2.80	64	25593	21.253	ug/l	99
7) Trichlorofluoromethane	3.13	101	56474	21.974	ug/l	98
8) Diethyl Ether	3.54	74	23314	21.418	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37486	22.231	ug/l	99
10) Methyl Iodide	4.10	142	39588	19.745	ug/l	98
11) Tert butyl alcohol	4.96	59	27868	135.570	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	37490	21.896	ug/l	98
13) Acrolein	3.74	56	20961	81.585	ug/l	98
14) Allyl chloride	4.49	41	63465	20.248	ug/l	98
15) Acrylonitrile	5.18	53	60179	105.477	ug/l	100
16) Acetone	3.96	43	46621	95.130	ug/l	96
17) Carbon Disulfide	4.21	76	121364	21.359	ug/l	99
18) Methyl Acetate	4.49	43	25934	20.379	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	100742	21.091	ug/l	99
20) Methylene Chloride	4.73	84	44698	18.837	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	41346	21.209	ug/l	99
22) Diisopropyl ether	6.13	45	132294	20.624	ug/l	97
23) Vinyl Acetate	6.08	43	425052	101.052	ug/l	99
24) 1,1-Dichloroethane	6.04	63	71497	20.963	ug/l	97
25) 2-Butanone	7.00	43	76501	101.661	ug/l	94
26) 2,2-Dichloropropane	6.99	77	59408	21.150	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	46636	21.745	ug/l	98
28) Bromochloromethane	7.35	49	30347	19.490	ug/l	95
29) Tetrahydrofuran	7.36	42	49820	100.978	ug/l	97
30) Chloroform	7.52	83	67892	21.001	ug/l	96
31) Cyclohexane	7.79	56	74724	20.561	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	56037	20.761	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57842	21.523	ug/l	99
37) Ethyl Acetate	7.09	43	32704	20.137	ug/l	97
38) Carbon Tetrachloride	7.91	117	49191	21.574	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002228.D
 Acq On : 06 Apr 2020 11:56
 Operator : SY/MD
 Sample : VY0406SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:22:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74085	21.016	ug/l	98
40) Benzene	8.17	78	169329	21.271	ug/l	99
41) Methacrylonitrile	7.36	41	43838	53.365	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	43633	20.645	ug/l	100
43) Isopropyl Acetate	8.28	43	59670	19.796	ug/l	97
44) Trichloroethene	8.95	130	41288	21.516	ug/l	94
45) 1,2-Dichloropropane	9.22	63	42840	21.135	ug/l	98
46) Dibromomethane	9.32	93	22052	21.184	ug/l	98
47) Bromodichloromethane	9.50	83	51979	21.450	ug/l	96
48) Methyl methacrylate	9.30	41	28017	20.741	ug/l	99
49) 1,4-Dioxane	9.31	88	5624	393.718	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	160700	103.537	ug/l	97
52) Toluene	10.25	92	103857	21.570	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	56805	21.120	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	67041	21.170	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	32844	21.318	ug/l	99
56) Ethyl methacrylate	10.52	69	46217	20.539	ug/l	98
57) 1,3-Dichloropropane	10.80	76	58312	21.422	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	121431	105.020	ug/l	99
59) 2-Hexanone	10.84	43	108995	99.691	ug/l	98
60) Dibromochloromethane	10.99	129	34464	21.378	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30946	21.460	ug/l	98
64) Tetrachloroethene	10.72	164	35455	22.811	ug/l	97
65) Chlorobenzene	11.52	112	106076	21.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	36169	22.046	ug/l	98
67) Ethyl Benzene	11.60	91	195995	21.519	ug/l	98
68) m/p-Xylenes	11.70	106	144853	43.015	ug/l	99
69) o-Xylene	12.03	106	68396	21.411	ug/l	99
70) Styrene	12.05	104	116985	21.134	ug/l	99
71) Bromoform	12.22	173	19270	21.445	ug/l #	98
73) Isopropylbenzene	12.33	105	184093	21.534	ug/l	100
74) N-amyl acetate	12.15	43	53271	19.757	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	39796	21.632	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	51158	39.684	ug/l #	100
77) Bromobenzene	12.61	156	39329	21.550	ug/l	97
78) n-propylbenzene	12.67	91	226717	21.370	ug/l	100
79) 2-Chlorotoluene	12.76	91	124805	21.426	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	152433	21.612	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	13754	20.670	ug/l	96
82) 4-Chlorotoluene	12.86	91	131183	21.371	ug/l	99
83) tert-Butylbenzene	13.08	119	128360	21.802	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	151901	21.585	ug/l	100
85) sec-Butylbenzene	13.26	105	189997	21.788	ug/l	99
86) p-Isopropyltoluene	13.38	119	163538	21.838	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	78227	21.911	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	78121	21.745	ug/l	100
89) n-Butylbenzene	13.70	91	165816	21.252	ug/l	100
90) Hexachloroethane	13.97	117	30408	21.549	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	70610	21.416	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5903	20.032	ug/l	97

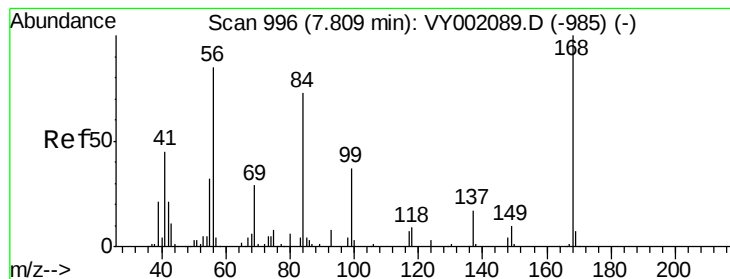
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
Data File : VY002228.D
Acq On : 06 Apr 2020 11:56
Operator : SY/MD
Sample : VY0406SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 07 04:22:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	44652	21.012	ug/l	99
94) Hexachlorobutadiene	15.12	225	22048	21.019	ug/l	96
95) Naphthalene	15.25	128	104906	20.784	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40156	20.838	ug/l	99

(#) = 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. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

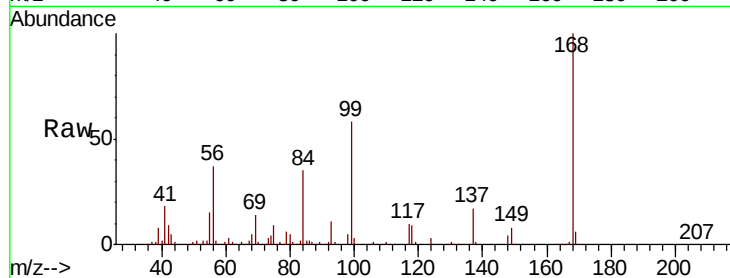
ClientSampled :

Tot Ion:168 Resp: 157793

Ion Ratio Lower Upper

168 100

99 57.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002228.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002228.D (-947) (-)

7.80

60000

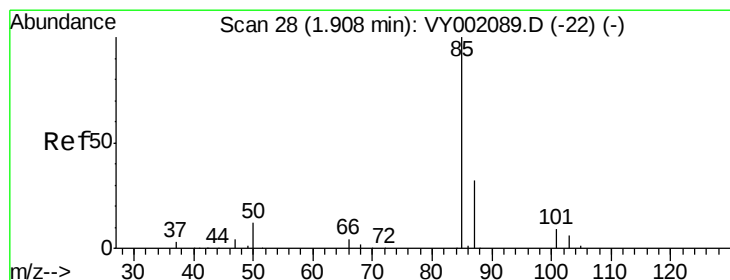
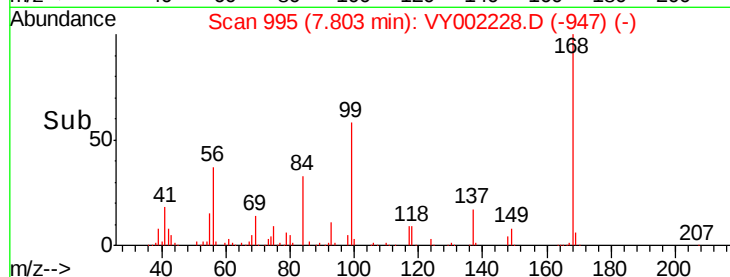
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 27.698 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002228.D

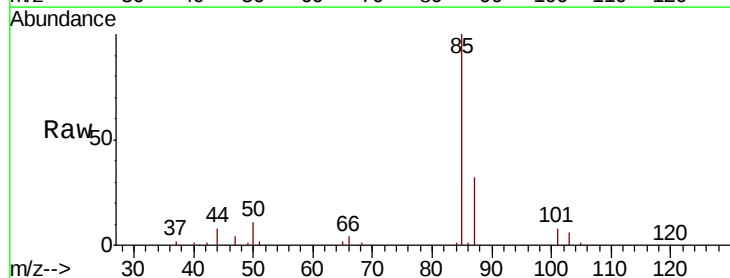
Acq: 06 Apr 2020 11:56

Tgt Ion: 85 Resp: 31556

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002228.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002228.D (-1) (-)

1.91

25000

20000

15000

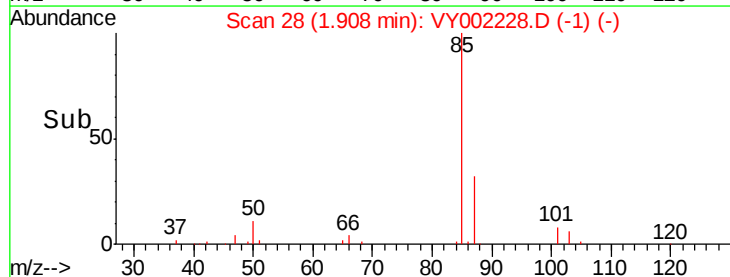
10000

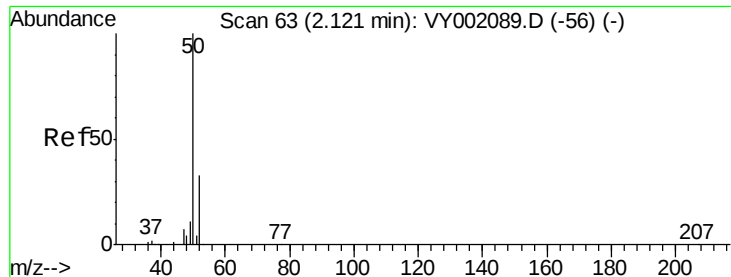
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.556 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

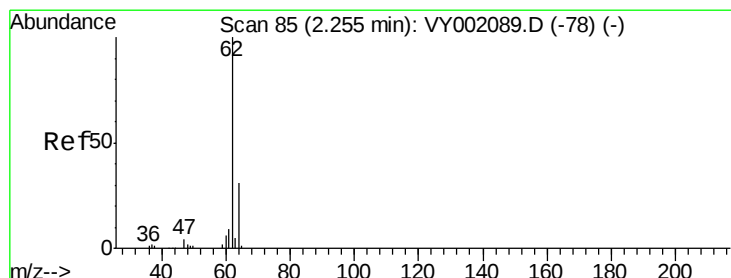
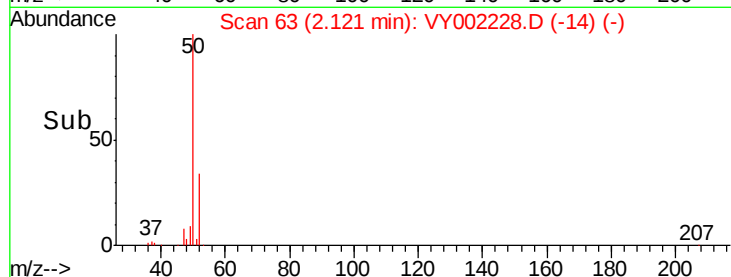
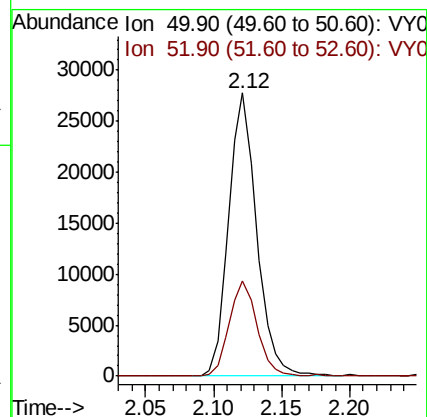
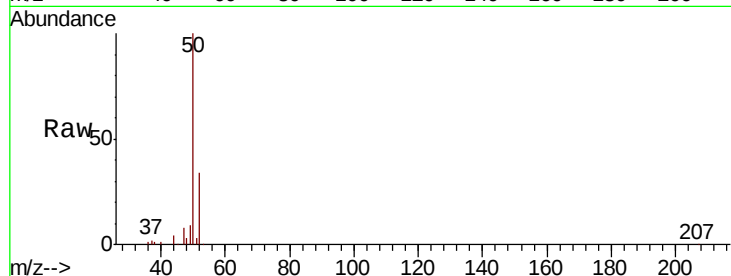
ClientSampleId :

Tot Ion: 50 Resp: 39749

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 21.811 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002228.D

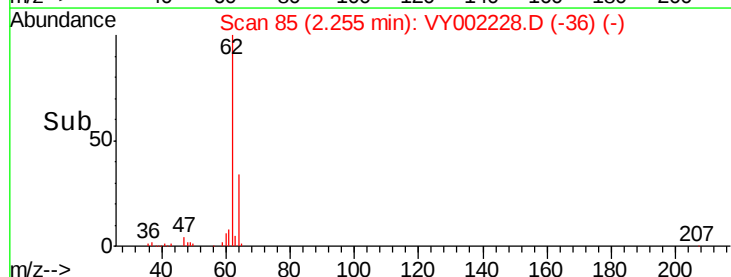
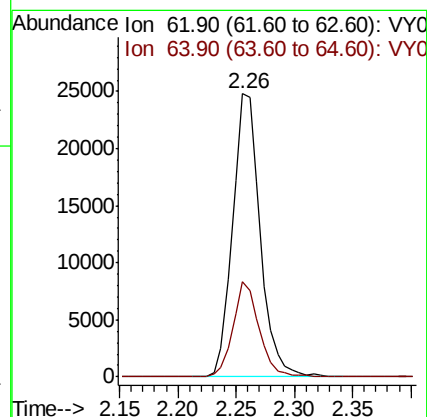
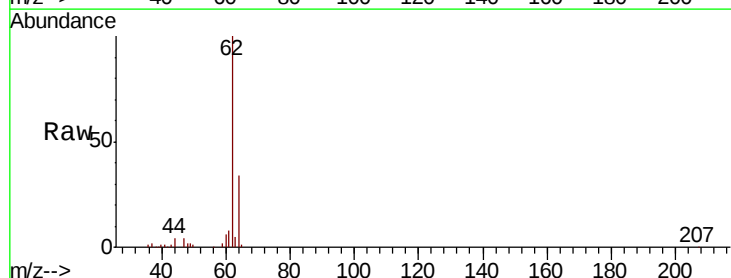
Acq: 06 Apr 2020 11:56

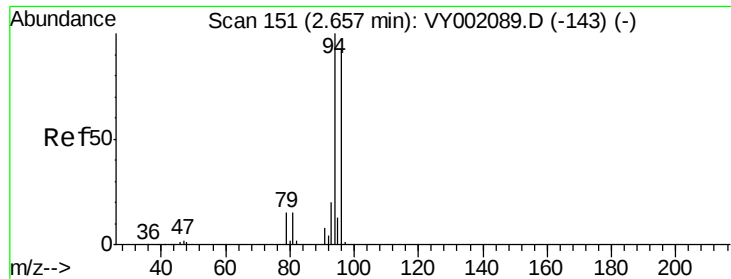
Tgt Ion: 62 Resp: 40905

Ion Ratio Lower Upper

62 100

64 33.8 25.2 37.8





#5

Bromomethane

Concen: 21.833 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

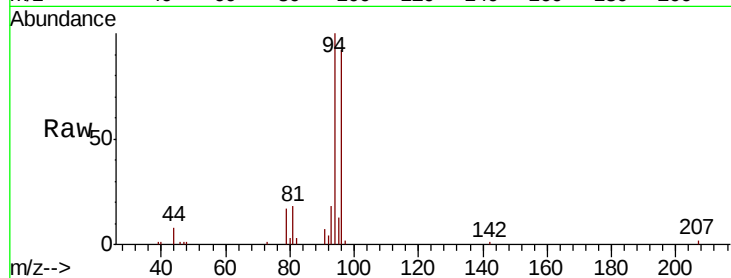
ClientSampled :

Tot Ion: 94 Resp: 26722

Ion Ratio Lower Upper

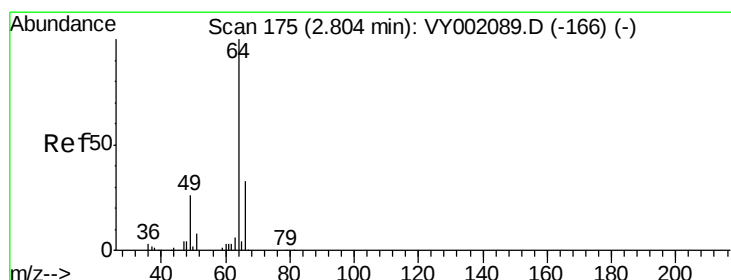
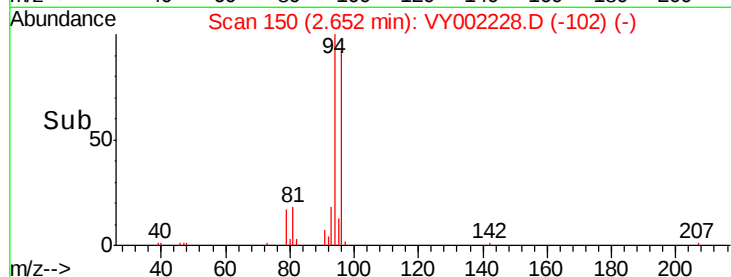
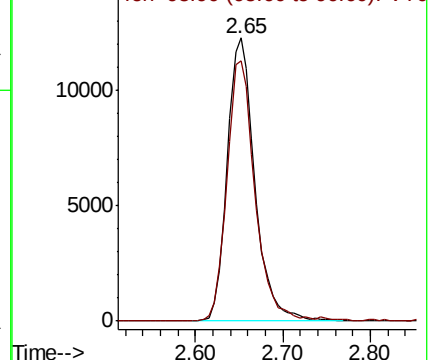
94 100

96 92.2 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.253 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002228.D

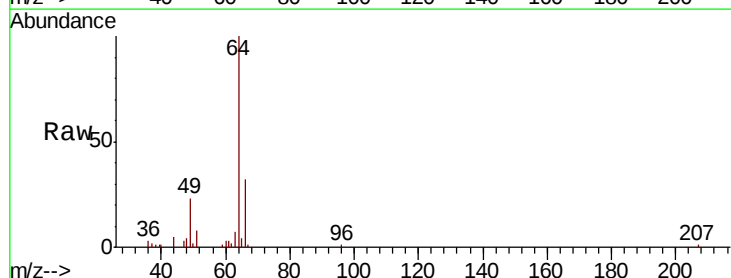
Acq: 06 Apr 2020 11:56

Tgt Ion: 64 Resp: 25593

Ion Ratio Lower Upper

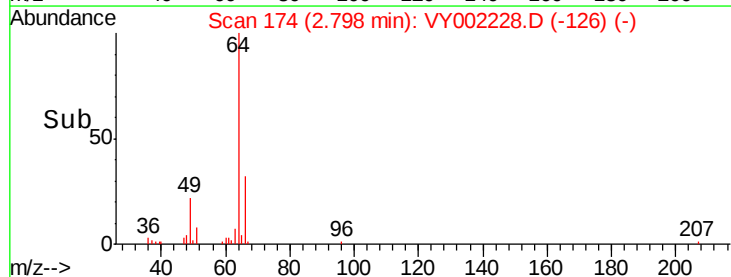
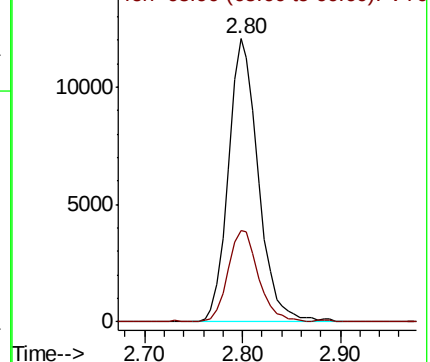
64 100

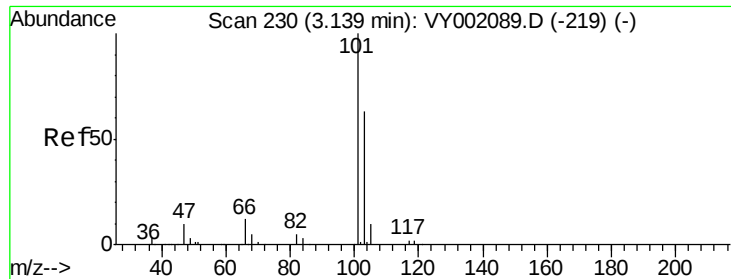
66 32.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



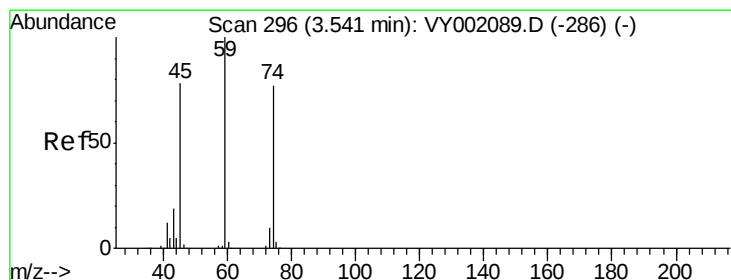
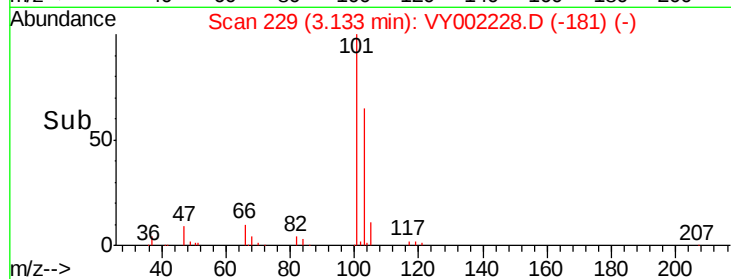
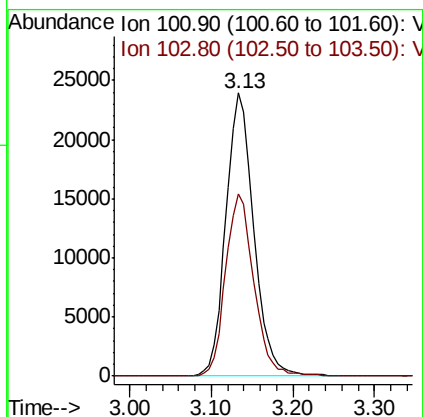
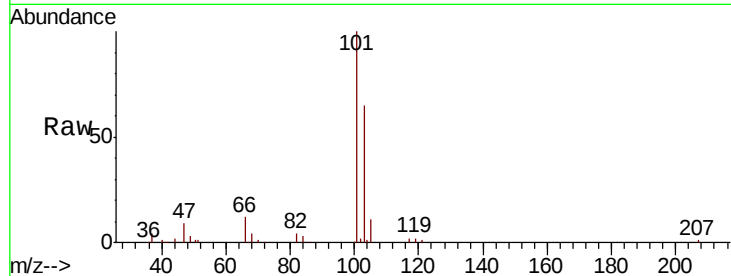


#7

Trichlorofluoromethane
 Concen: 21.974 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :

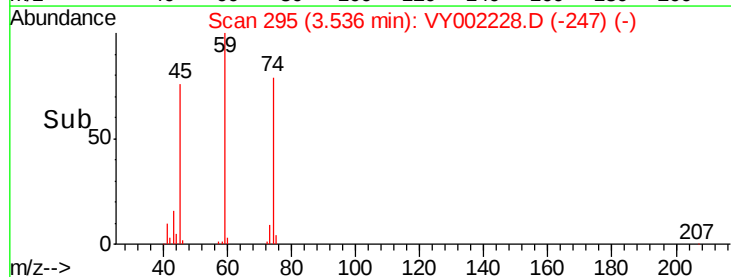
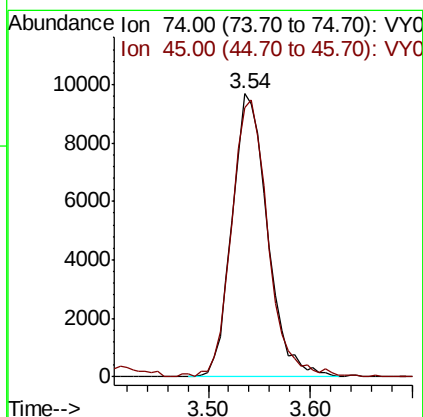
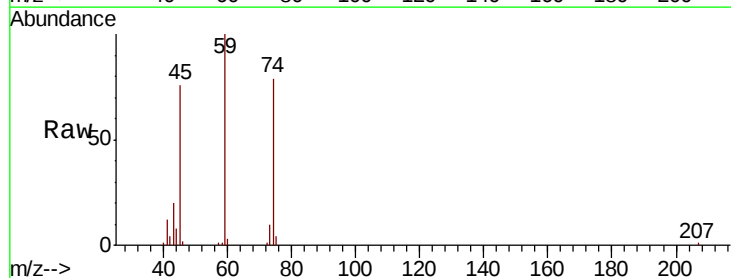
Tot Ion:101 Resp: 56474
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0

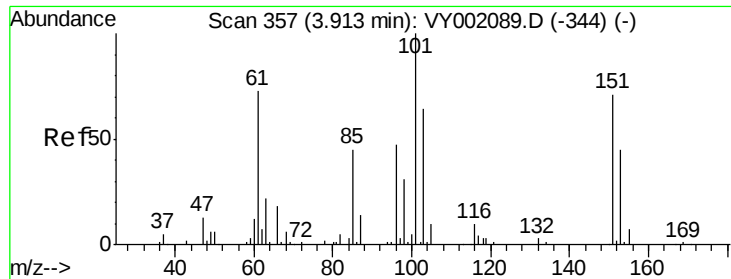


#8

Diethyl Ether
 Concen: 21.418 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion: 74 Resp: 23314
 Ion Ratio Lower Upper
 74 100
 45 101.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.231 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampled :

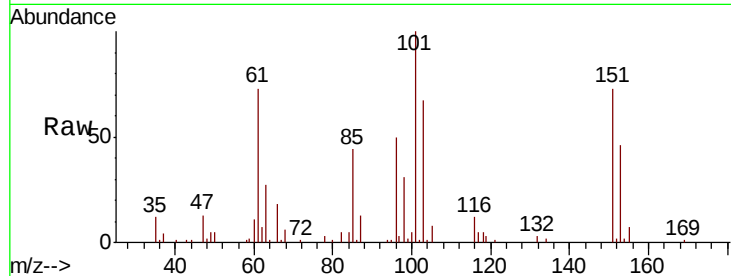
Tot Ion:101 Resp: 37486

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

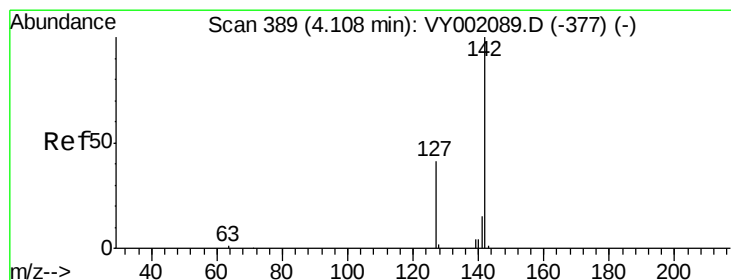
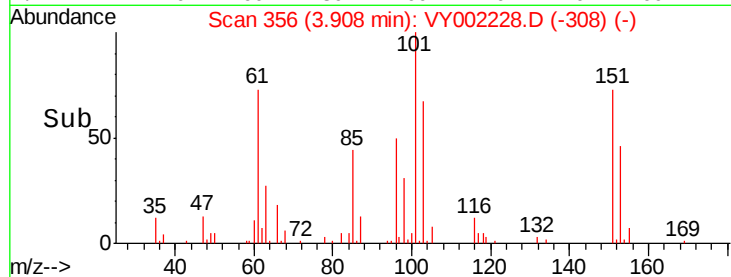
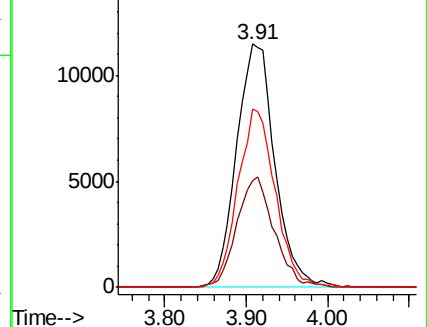
151 71.4 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.745 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

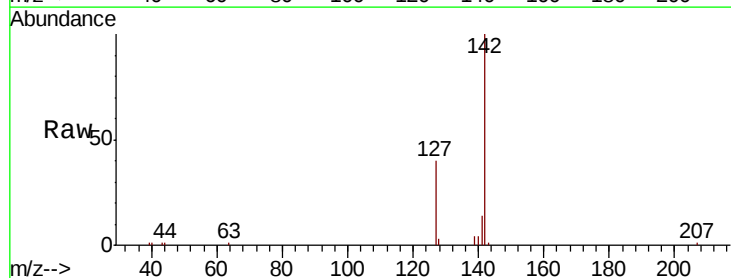
Tgt Ion:142 Resp: 39588

Ion Ratio Lower Upper

142 100

127 39.3 32.6 49.0

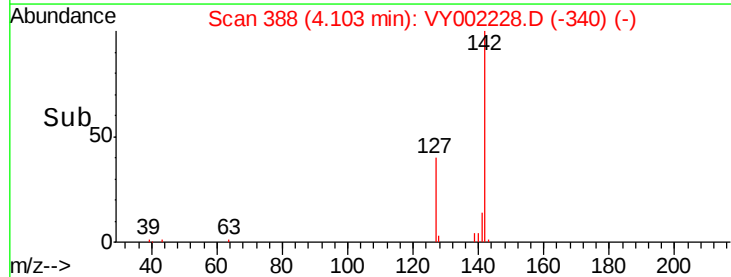
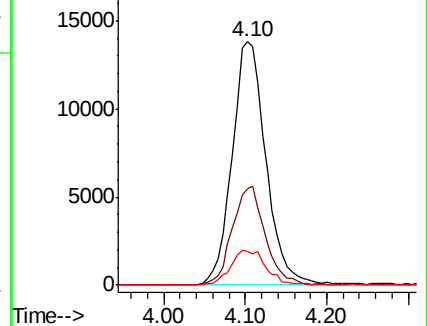
141 14.9 11.4 17.0

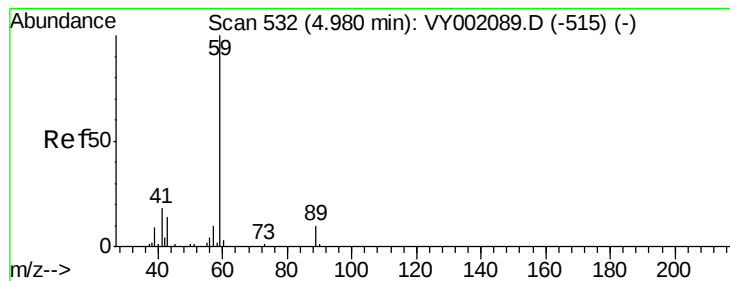


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



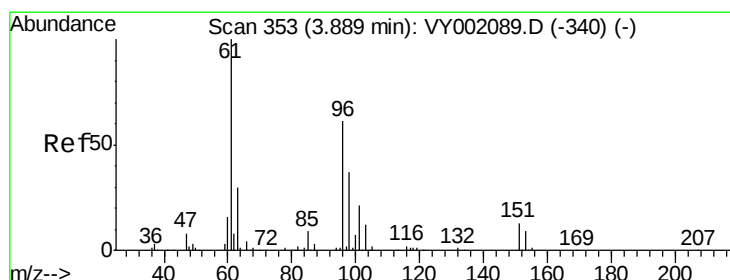
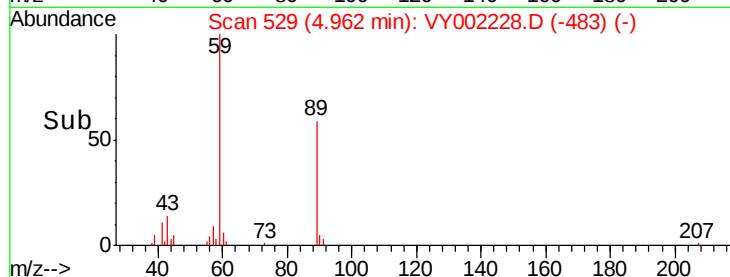
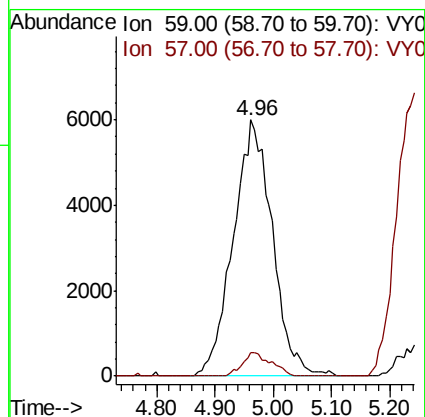
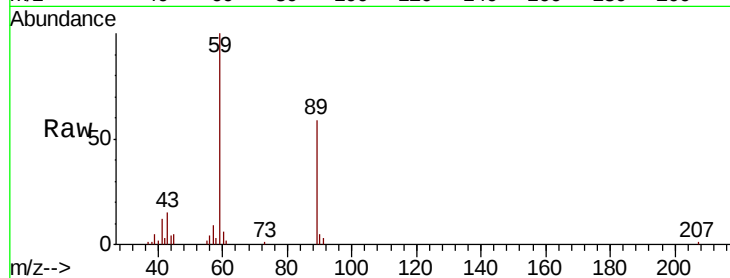


#11

Tert butyl alcohol
 Concen: 135.570 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :

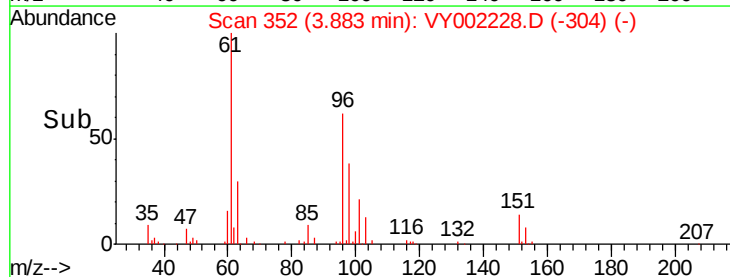
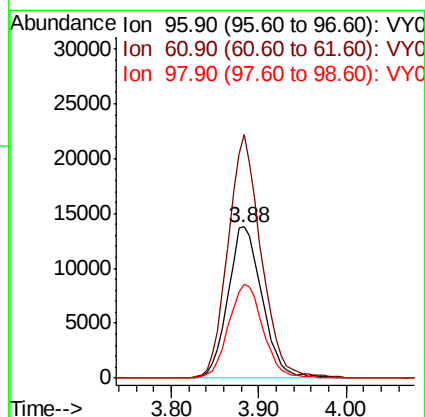
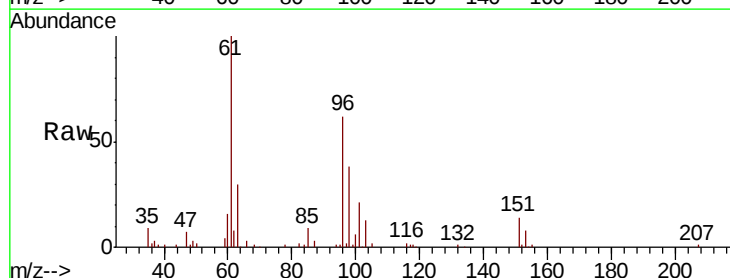
Tot Ion: 59 Resp: 27868
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.7 11.5#

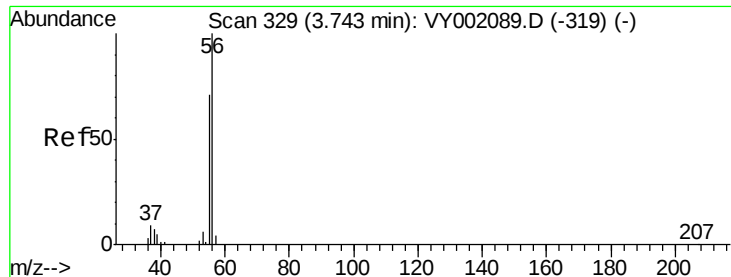


#12

1,1-Dichloroethene
 Concen: 21.896 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion: 96 Resp: 37490
 Ion Ratio Lower Upper
 96 100
 61 160.6 132.0 198.0
 98 61.9 49.4 74.0





#13

Acrolein

Concen: 81.585 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

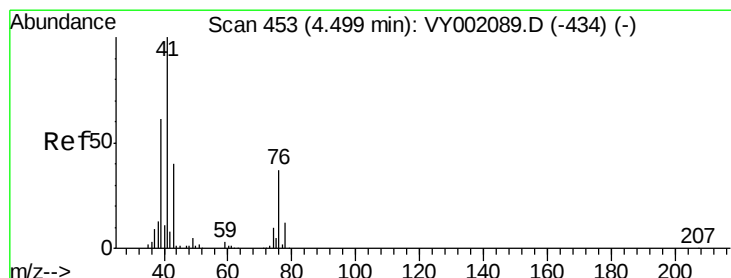
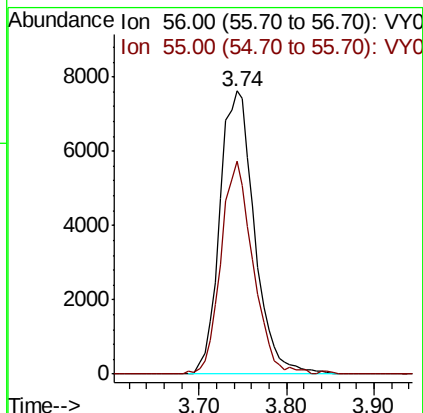
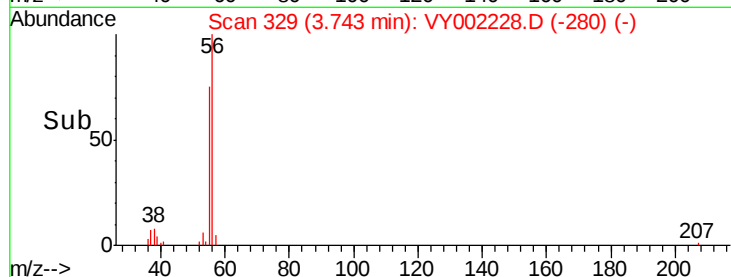
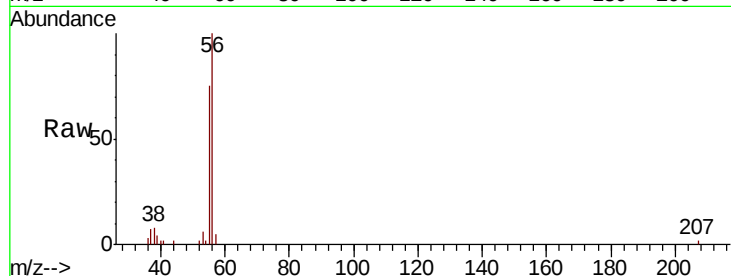
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 20961

Ion Ratio Lower Upper

56 100

55 69.2 56.5 84.7



#14

Allyl chloride

Concen: 20.248 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

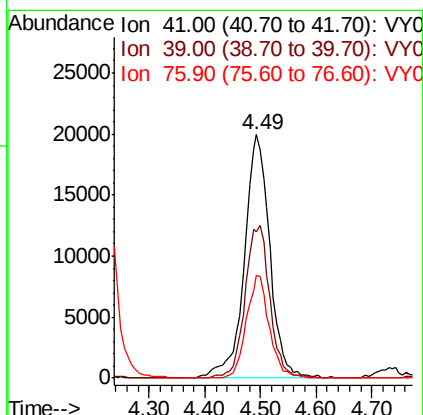
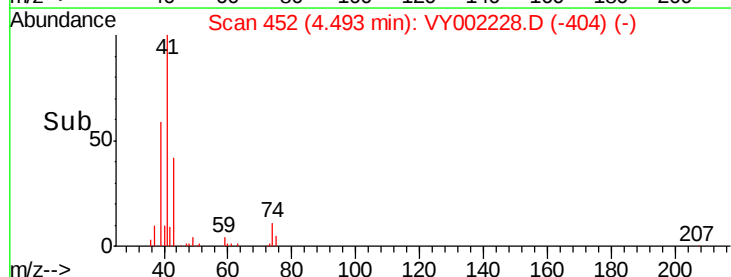
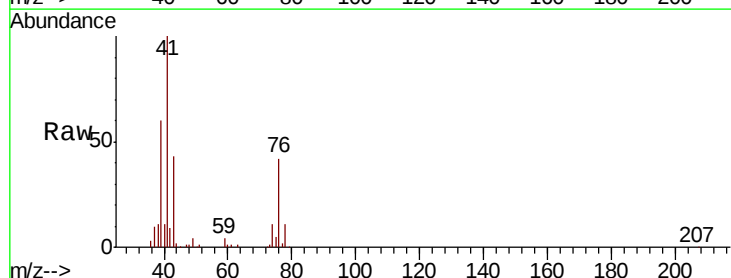
Tgt Ion: 41 Resp: 63465

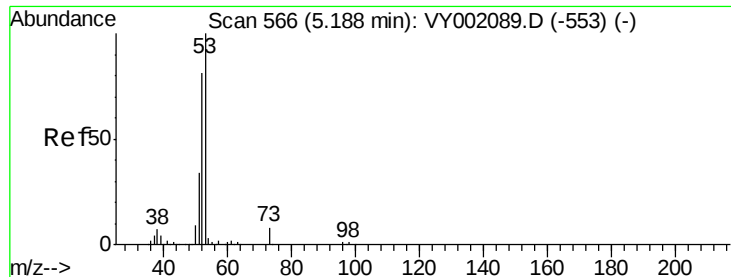
Ion Ratio Lower Upper

41 100

39 61.4 49.0 73.4

76 37.7 27.8 41.8





#15

Acrylonitrile

Concen: 105.477 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

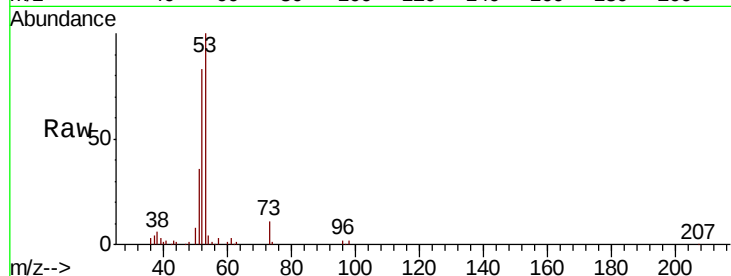
Tot Ion: 53 Resp: 60179

Ion Ratio Lower Upper

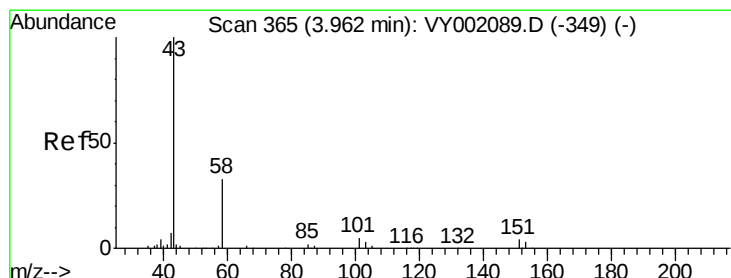
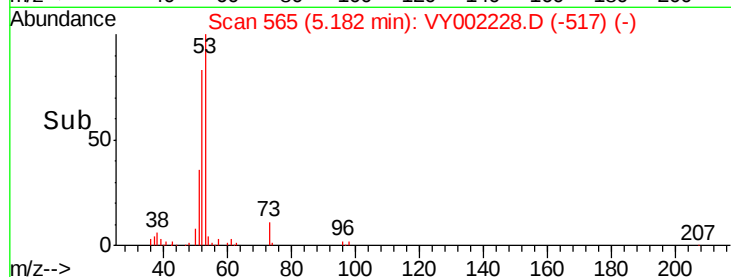
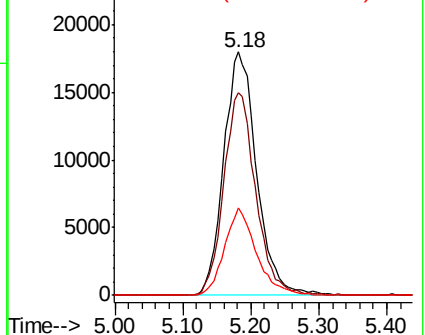
53 100

52 80.8 64.6 97.0

51 34.6 27.9 41.9



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: 95.130 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002228.D

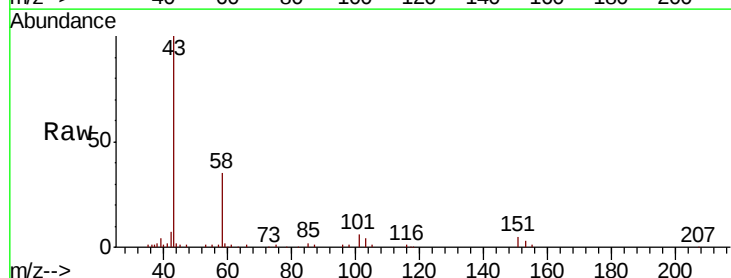
Acq: 06 Apr 2020 11:56

Tgt Ion: 43 Resp: 46621

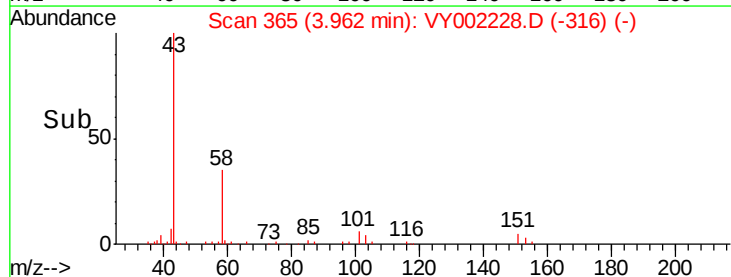
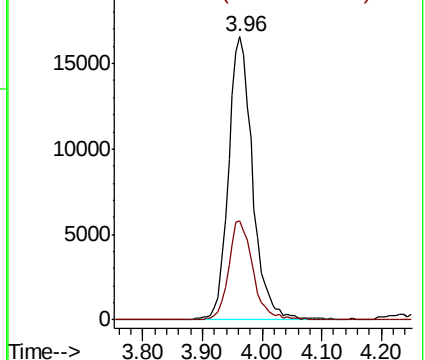
Ion Ratio Lower Upper

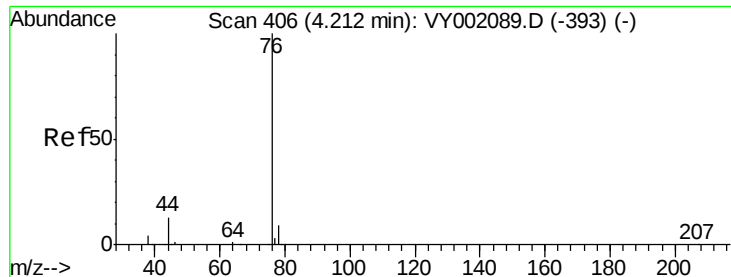
43 100

58 35.1 26.3 39.5



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

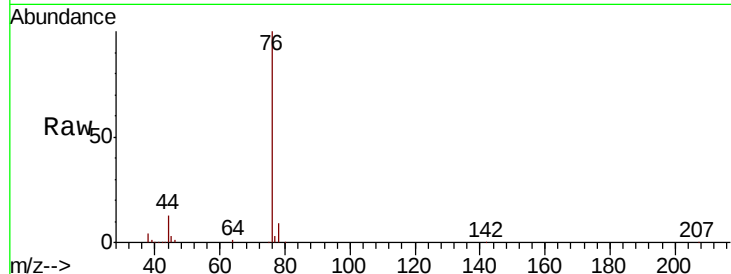




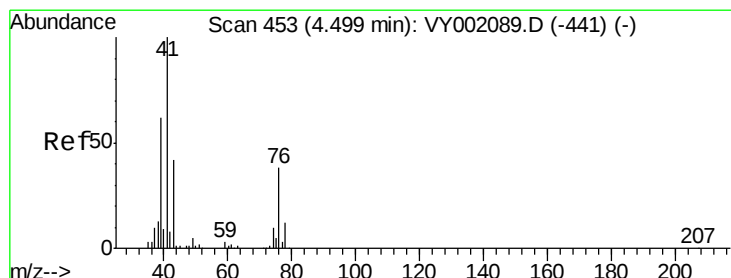
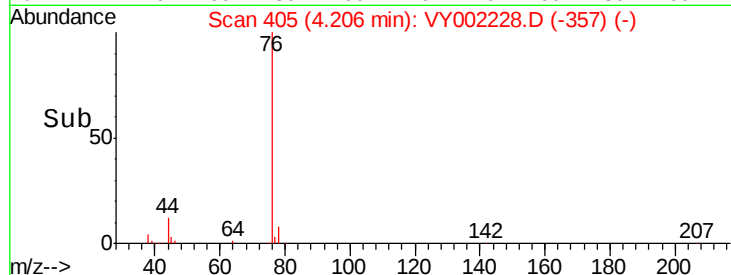
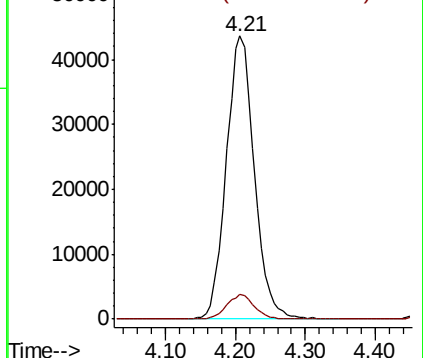
#17
Carbon Disulfide
Concen: 21.359 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 121364
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

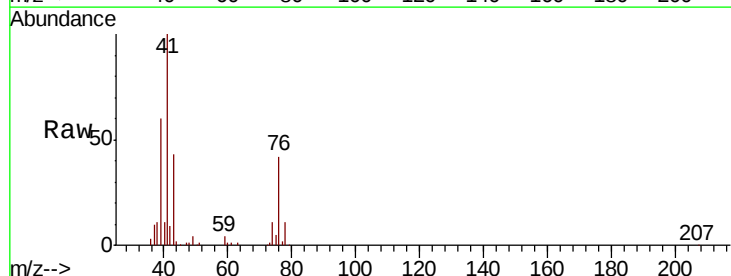


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

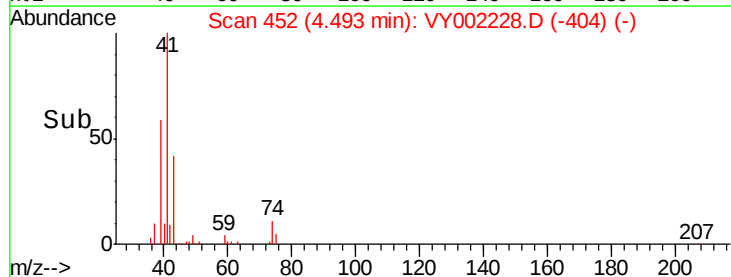
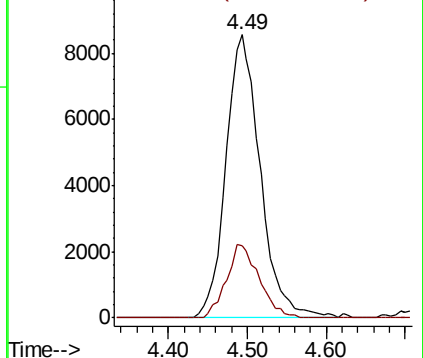


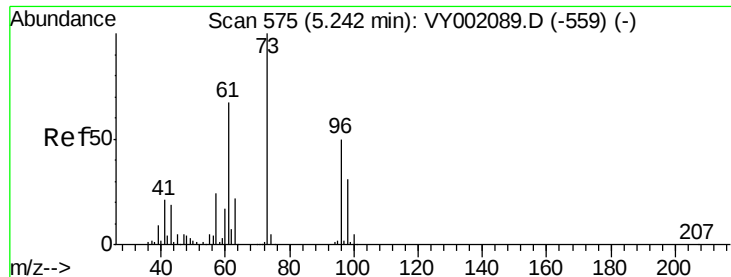
#18
Methyl Acetate
Concen: 20.379 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 43 Resp: 25934
Ion Ratio Lower Upper
43 100
74 24.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

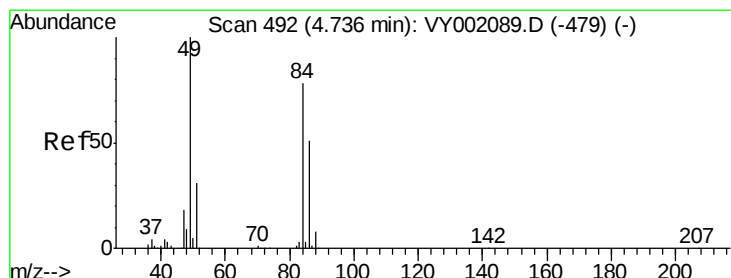
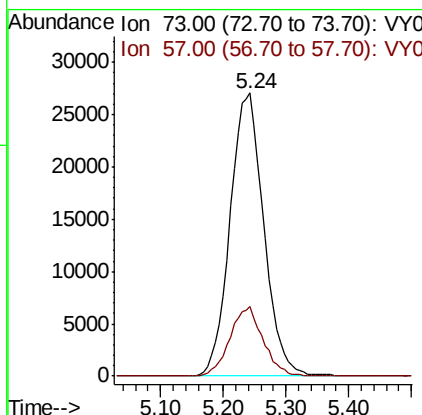
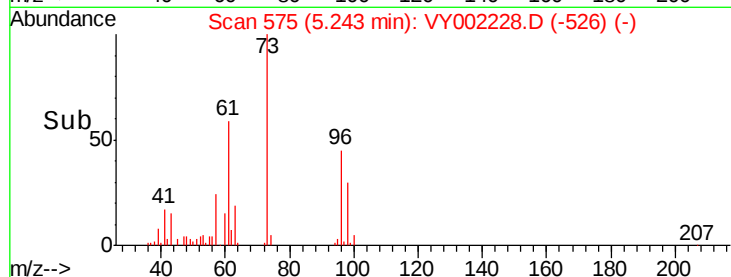
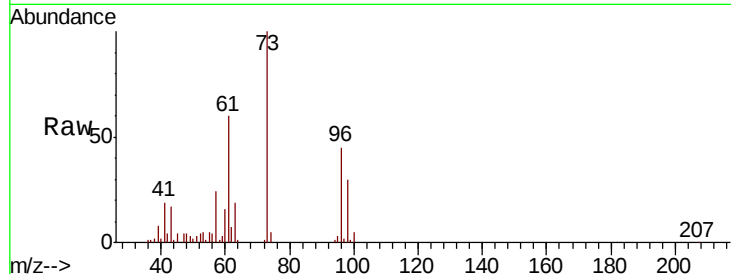




#19
Methyl tert-butyl Ether
Concen: 21.091 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

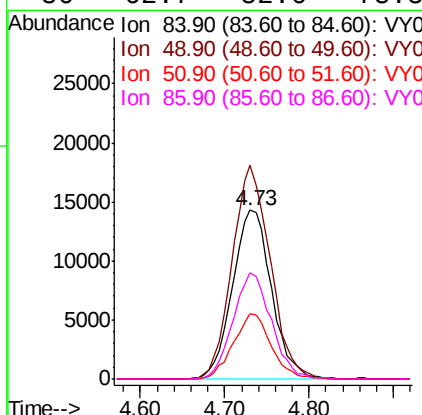
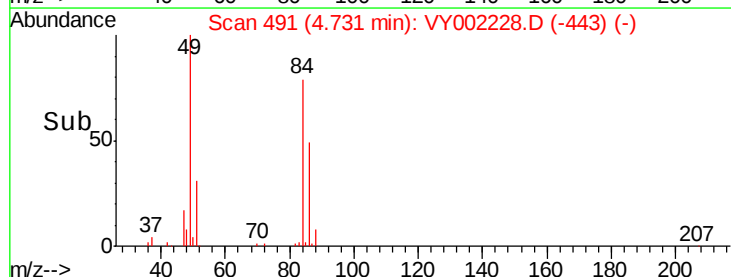
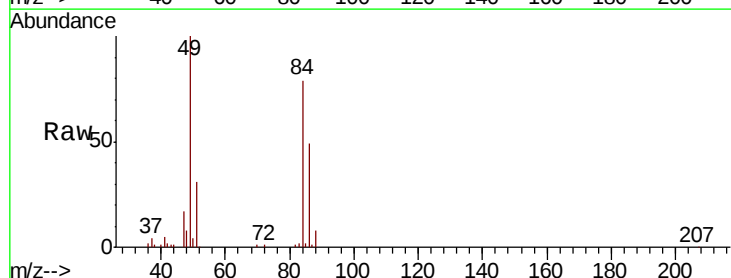
Instrument :
MSVOA_Y
ClientSampleId :

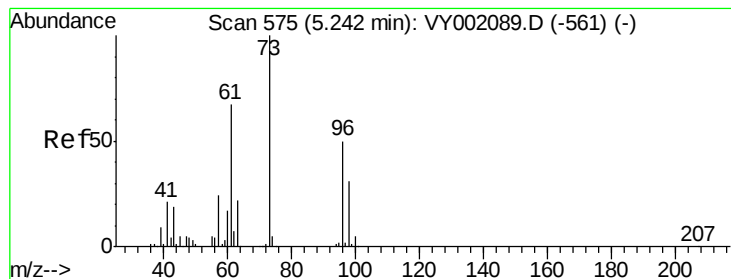
Tot Ion: 73 Resp: 100742
Ion Ratio Lower Upper
73 100
57 24.5 19.0 28.6



#20
Methylene Chloride
Concen: 18.837 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 84 Resp: 44698
Ion Ratio Lower Upper
84 100
49 126.7 102.2 153.4
51 38.8 31.2 46.8
86 62.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.209 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampled :

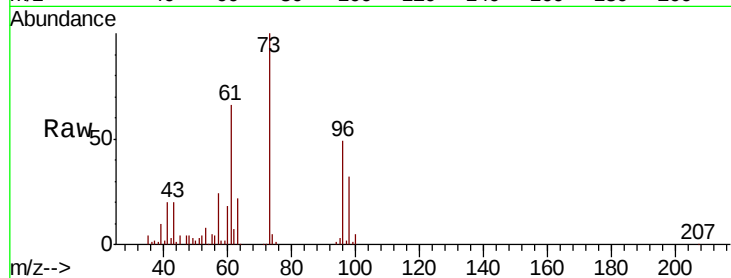
Tot Ion: 96 Resp: 41346

Ion Ratio Lower Upper

96 100

61 134.8 107.7 161.5

98 64.7 50.5 75.7

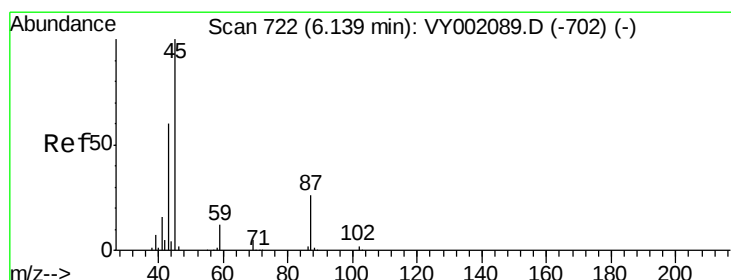
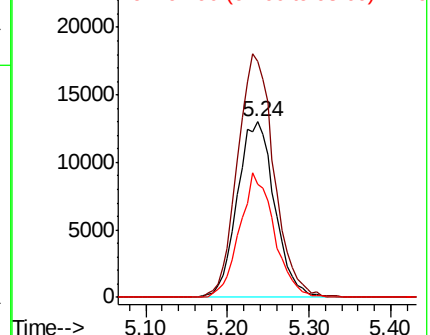
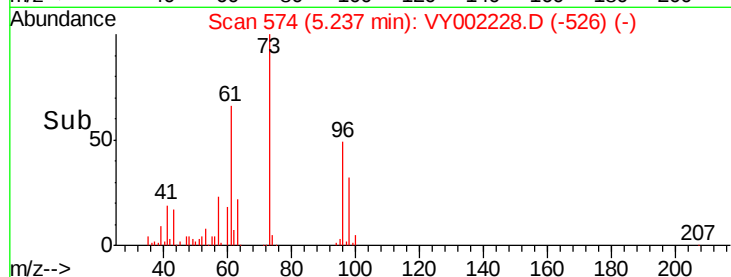


Abundance

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: 20.624 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Tgt Ion: 45 Resp: 132294

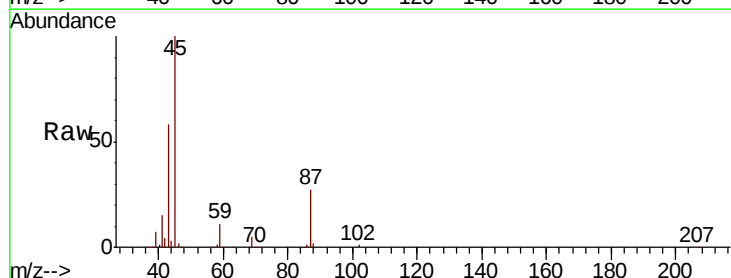
Ion Ratio Lower Upper

45 100

43 57.7 48.1 72.1

87 27.3 21.1 31.7

59 11.1 9.2 13.8



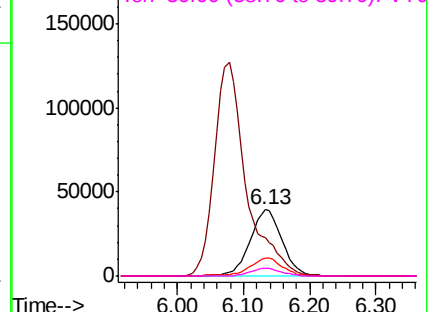
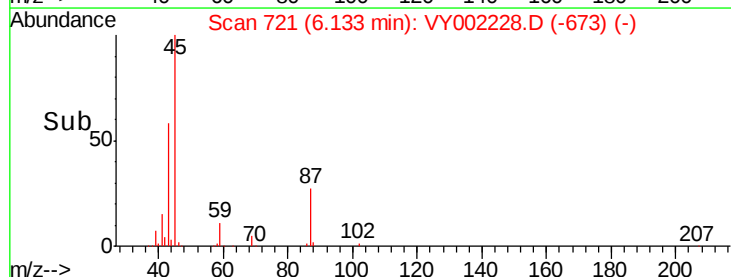
Abundance

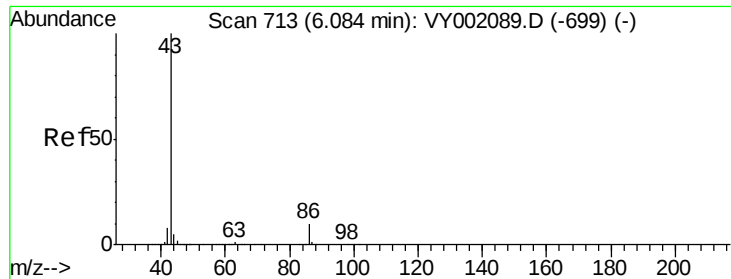
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 101.052 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

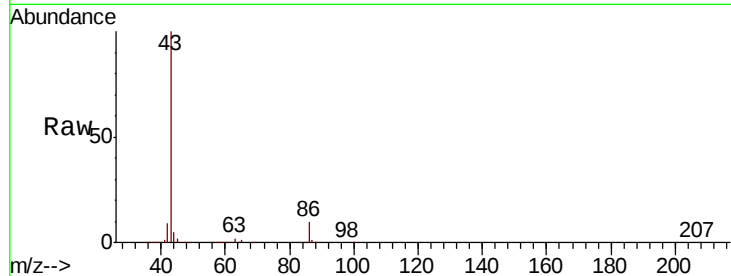
ClientSampled :

Tot Ion: 43 Resp: 425052

Ion Ratio Lower Upper

43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

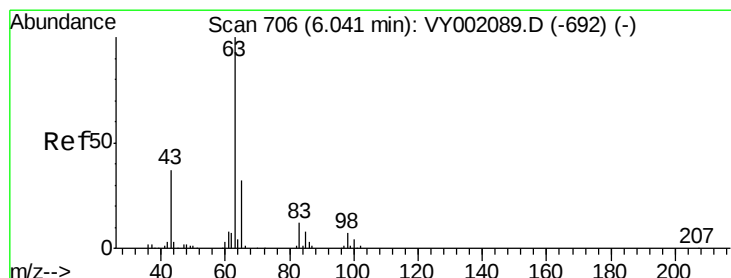
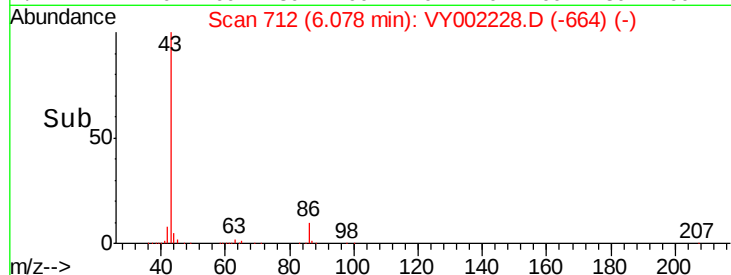
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.963 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

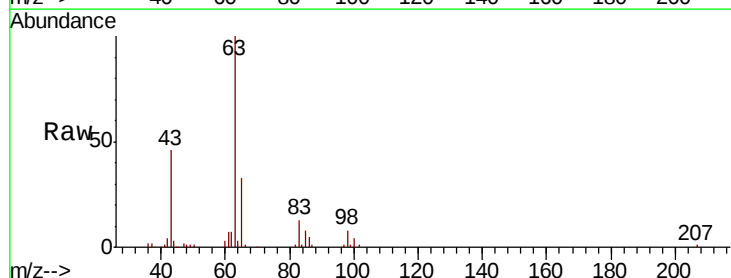
Tgt Ion: 63 Resp: 71497

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.9

100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

30000

25000

20000

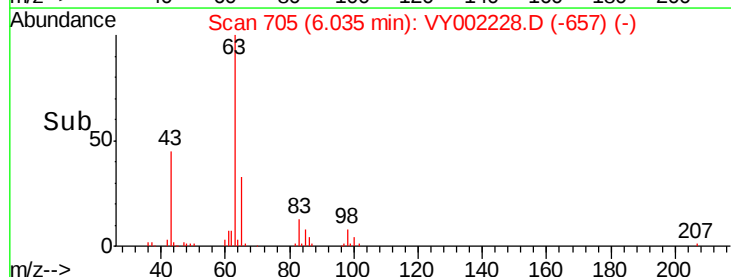
15000

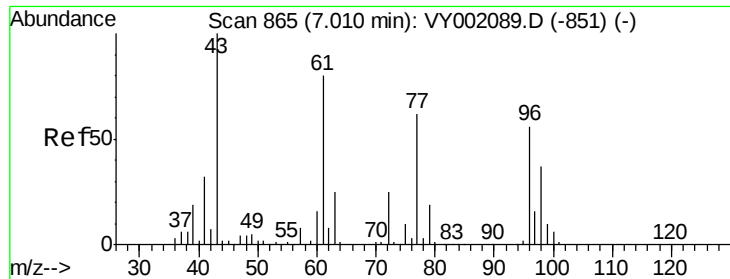
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 101.661 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

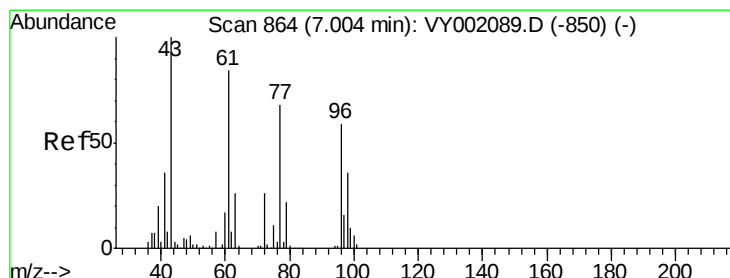
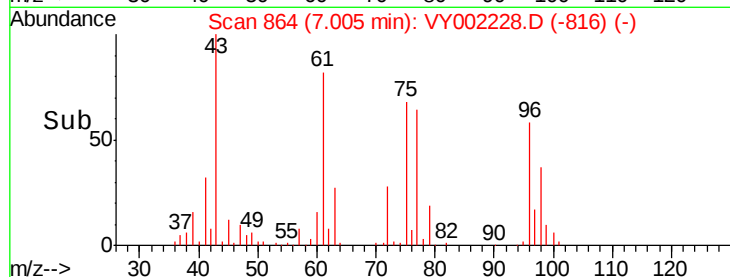
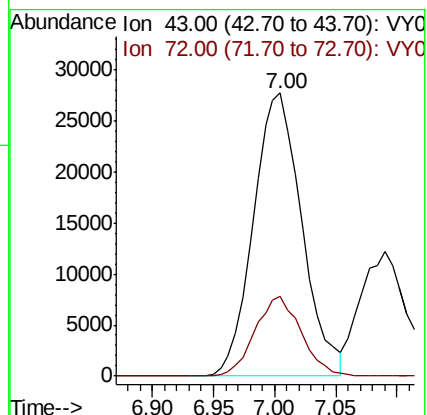
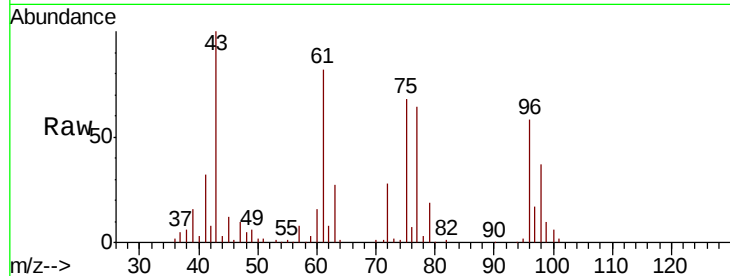
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 76501

Ion Ratio Lower Upper

43 100

72 28.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.150 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002228.D

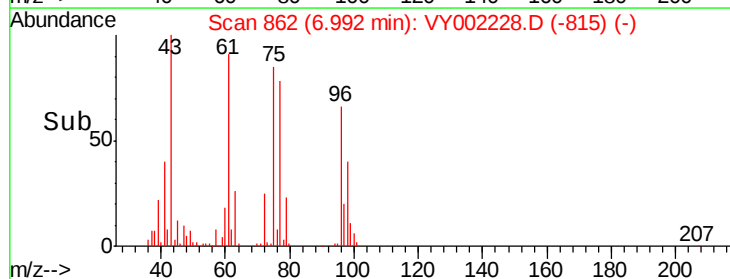
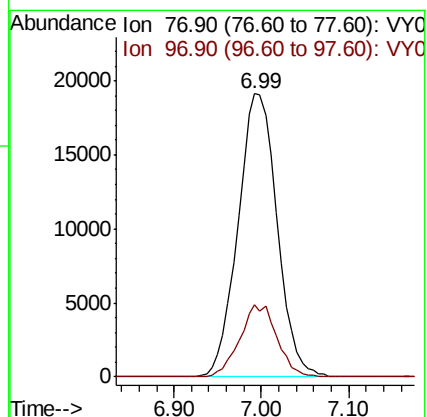
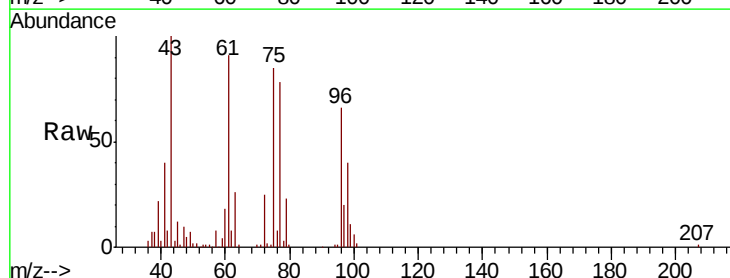
Acq: 06 Apr 2020 11:56

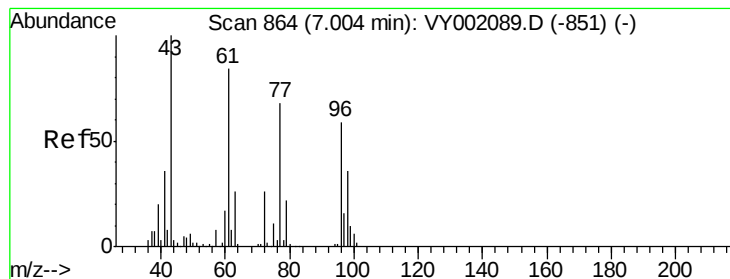
Tgt Ion: 77 Resp: 59408

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



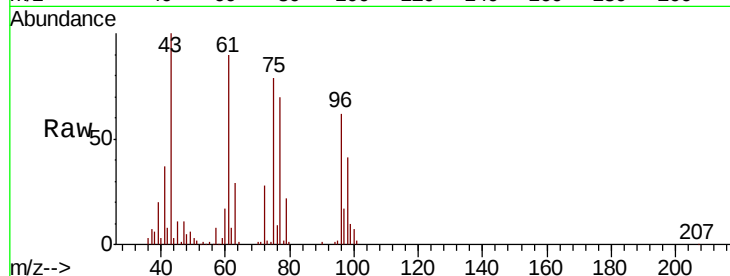


#27

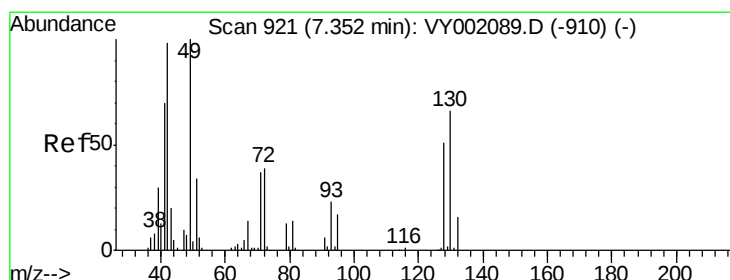
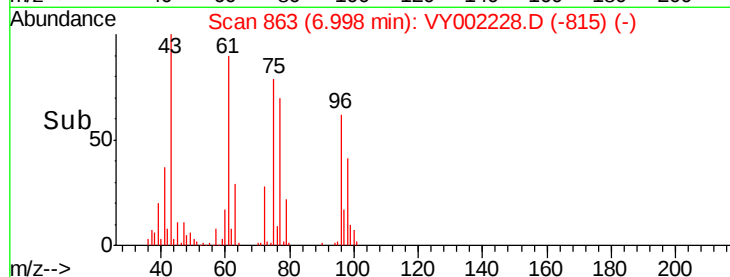
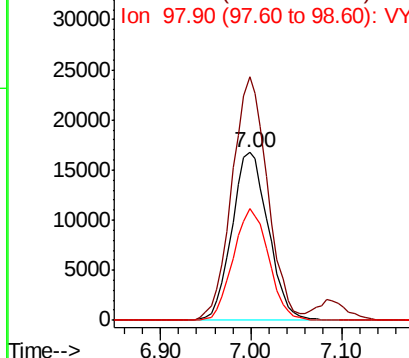
cis-1,2-Dichloroethene
Concen: 21.745 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 46636
Ion Ratio Lower Upper
96 100
61 141.3 0.0 290.6
98 64.6 0.0 128.0



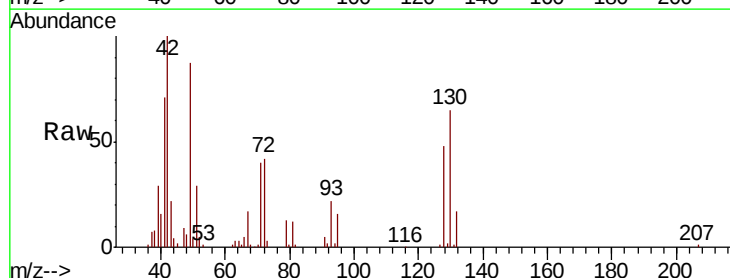
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



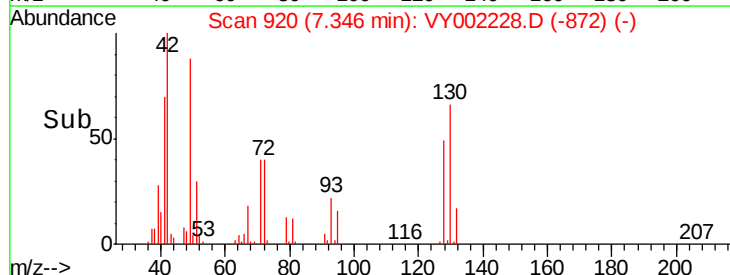
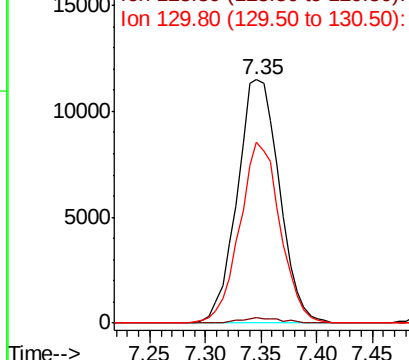
#28

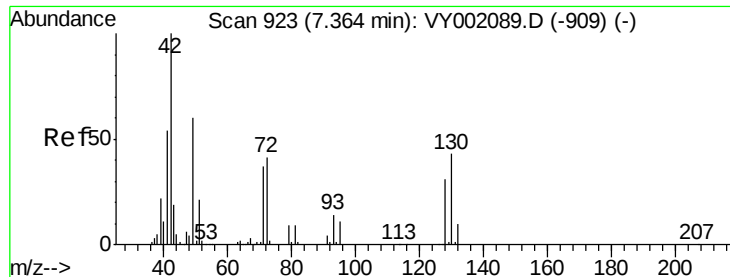
Bromochloromethane
Concen: 19.490 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 49 Resp: 30347
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 71.4 54.1 81.1



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

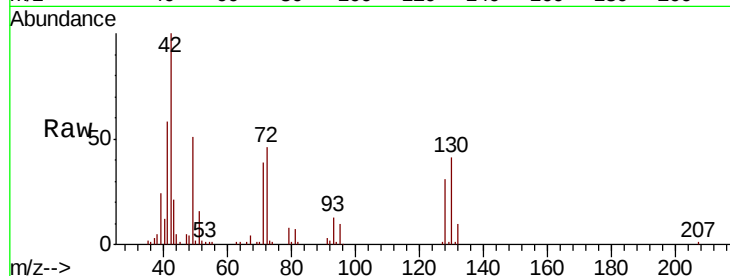




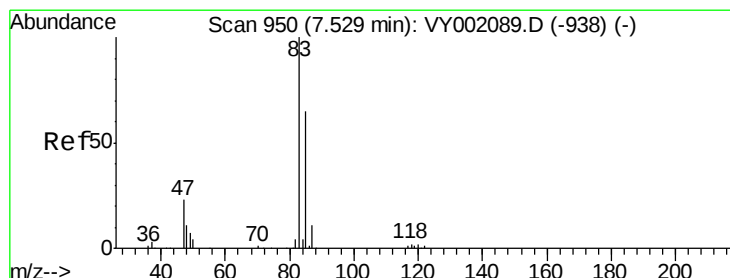
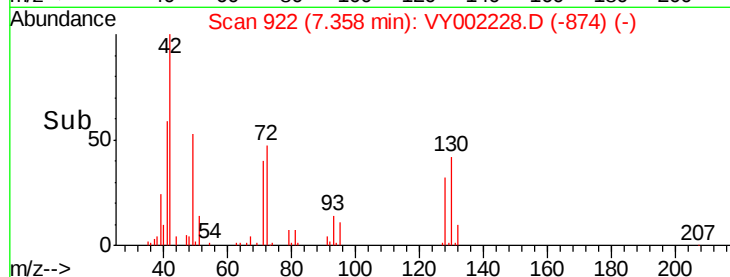
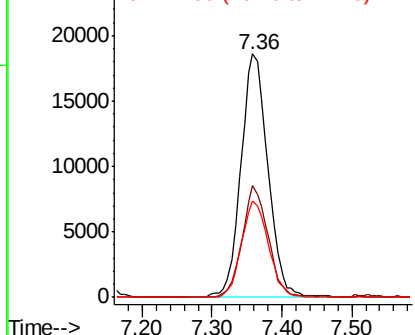
#29
Tetrahydrofuran
Concen: 100.978 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	33.0	49.4
71	39.7	31.2	46.8

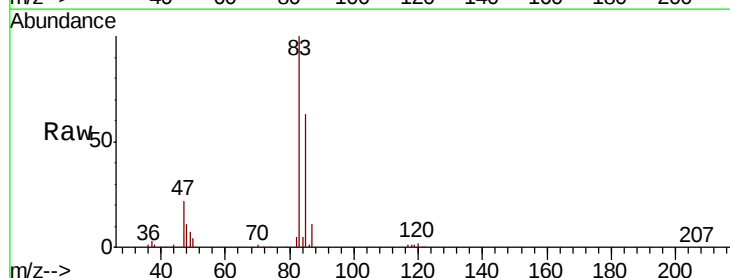


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

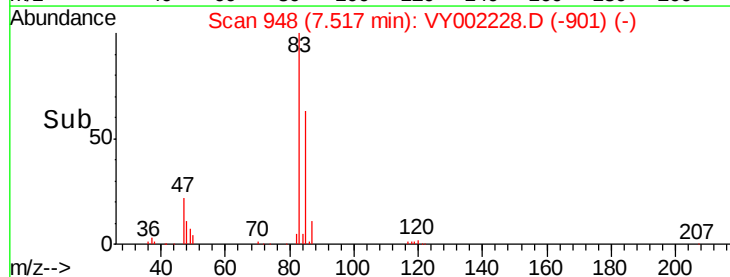
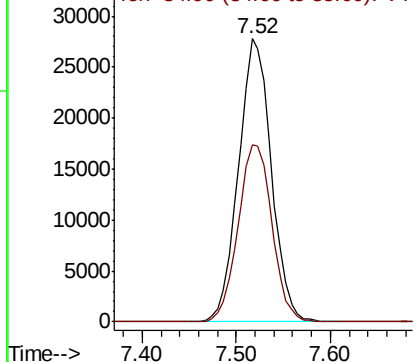


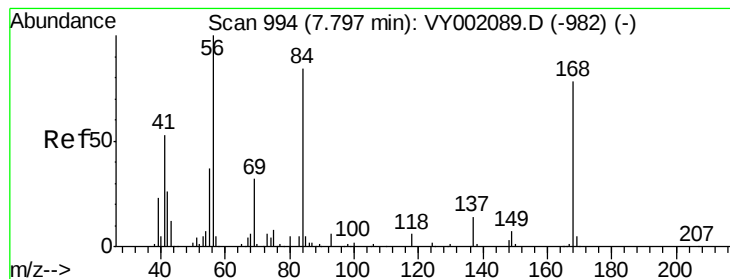
#30
Chloroform
Concen: 21.001 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.4	78.6



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





#31

Cyclohexane

Concen: 20.561 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

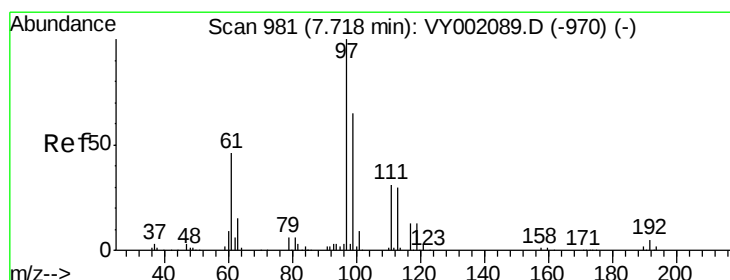
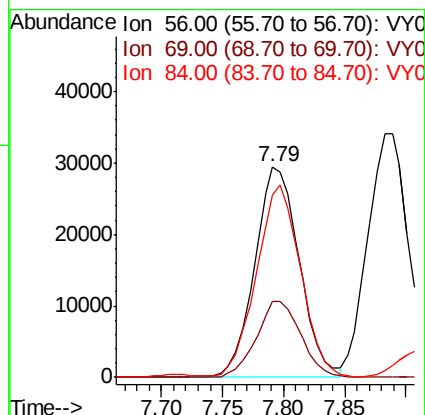
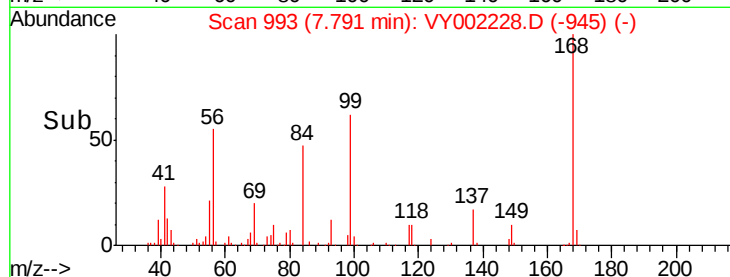
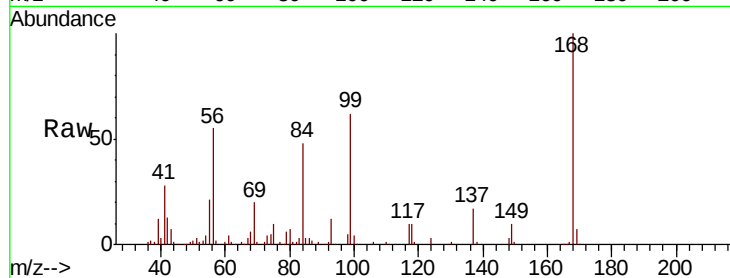
Tot Ion: 56 Resp: 74724

Ion Ratio Lower Upper

56 100

69 36.0 25.8 38.8

84 86.0 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 20.761 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

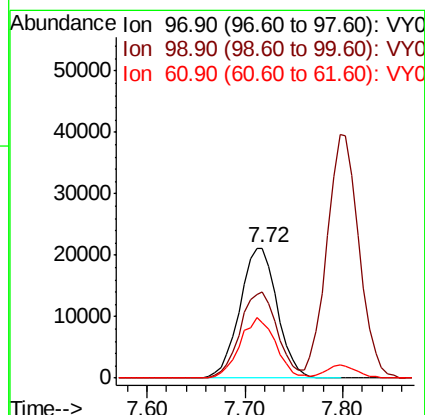
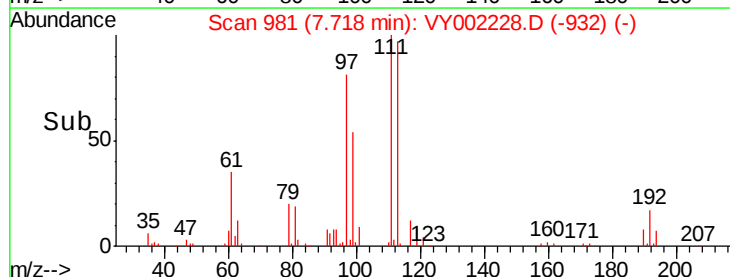
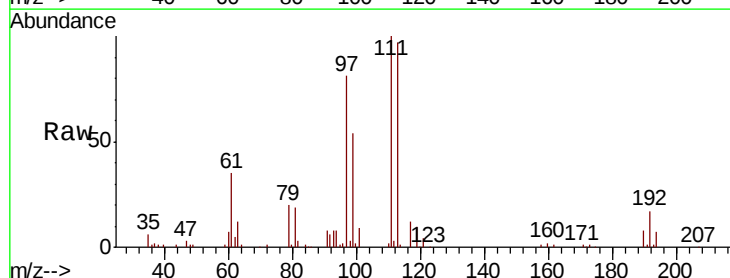
Tgt Ion: 97 Resp: 56037

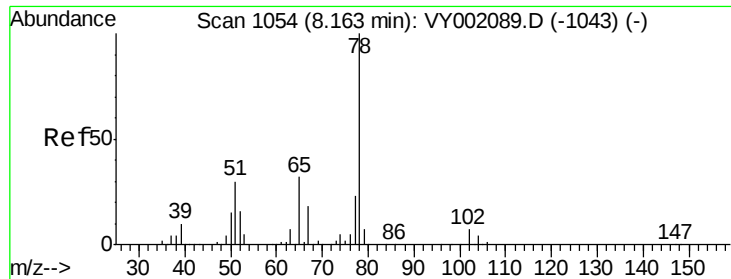
Ion Ratio Lower Upper

97 100

99 66.6 52.0 78.0

61 44.7 35.7 53.5

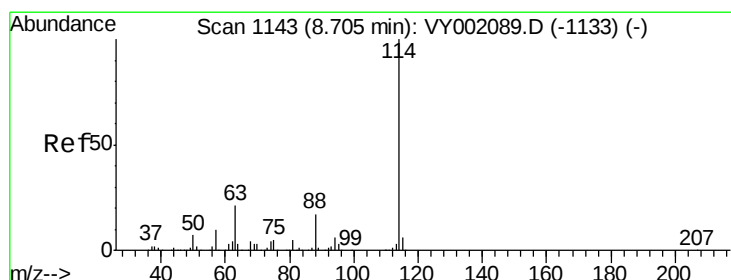
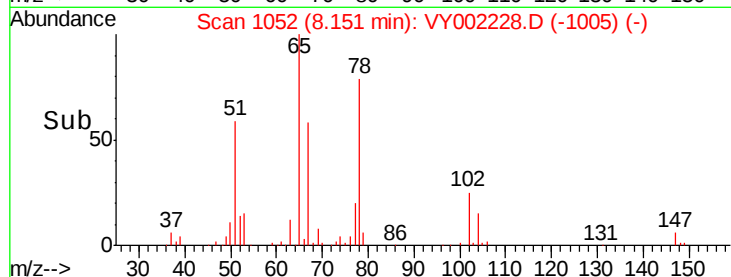
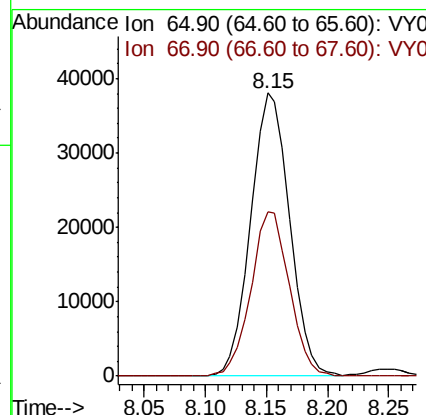
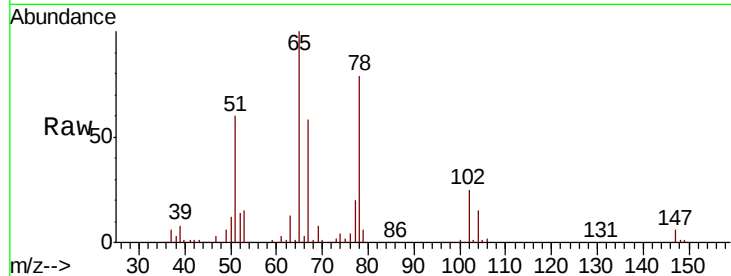




#33
 1,2-Dichloroethane-d4
 Concen: 48.363 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

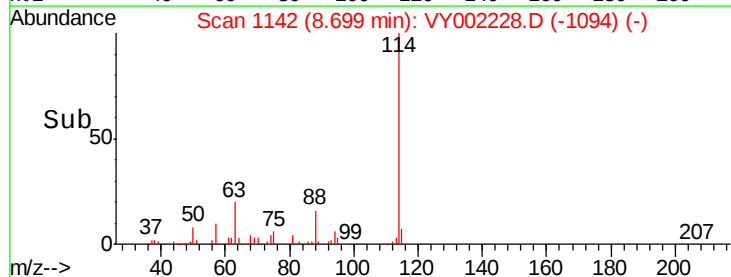
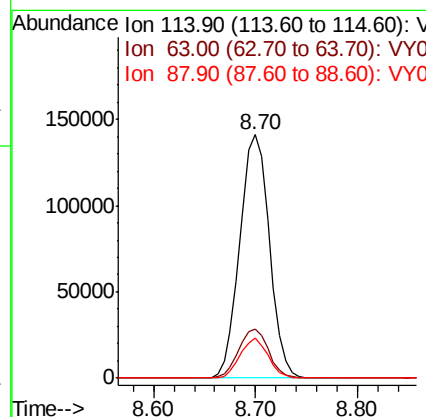
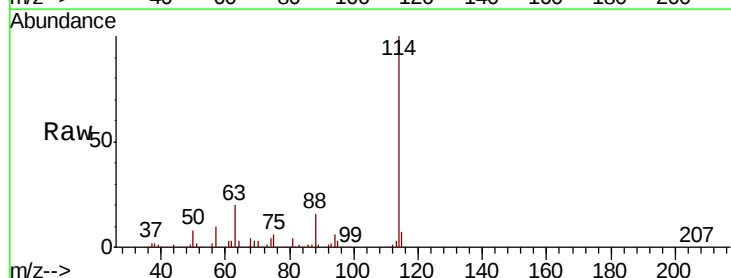
Instrument :
 MSVOA_Y
 ClientSampleId :

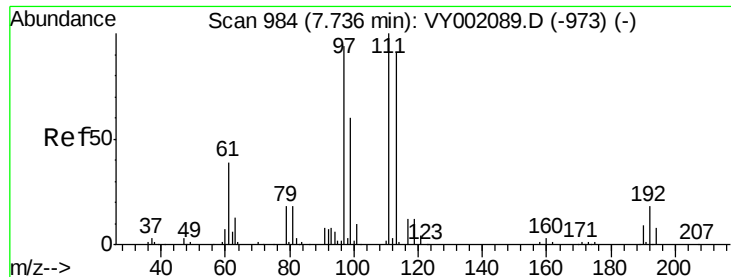
Tot Ion: 65 Resp: 84362
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion: 114 Resp: 284127
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 16.2 0.0 33.0

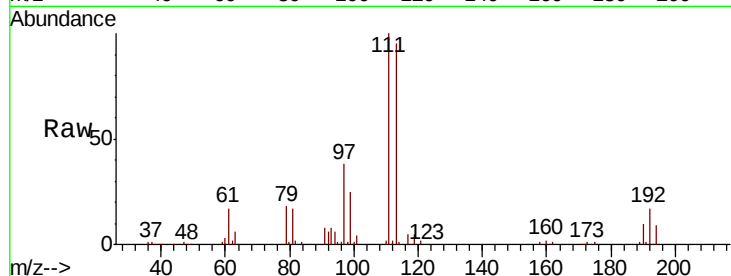




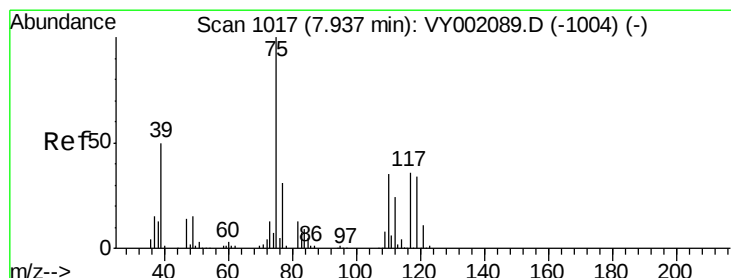
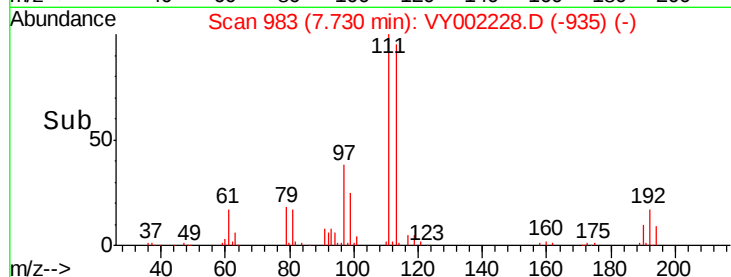
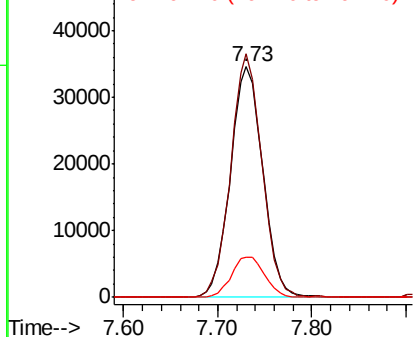
#35
 Dibromofluoromethane
 Concen: 51.842 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 82532
 Ion Ratio Lower Upper
 113 100
 111 101.6 84.4 126.6
 192 18.1 14.6 21.8

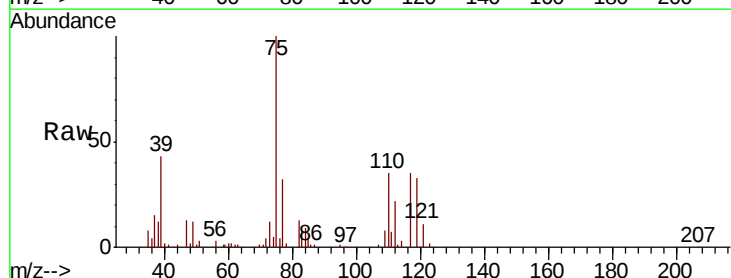


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

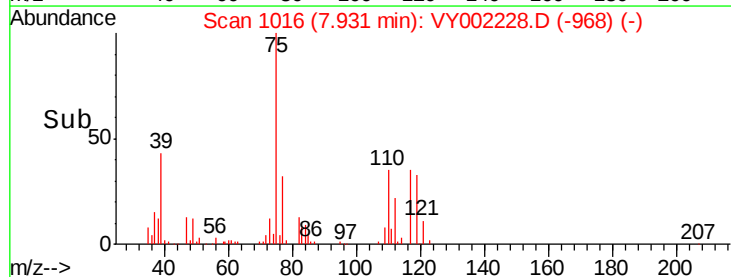
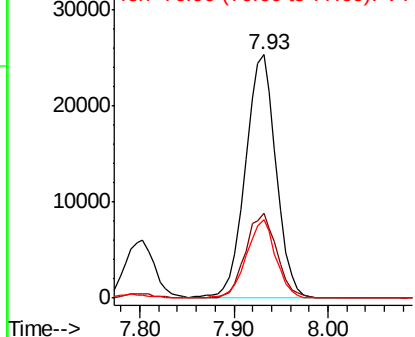


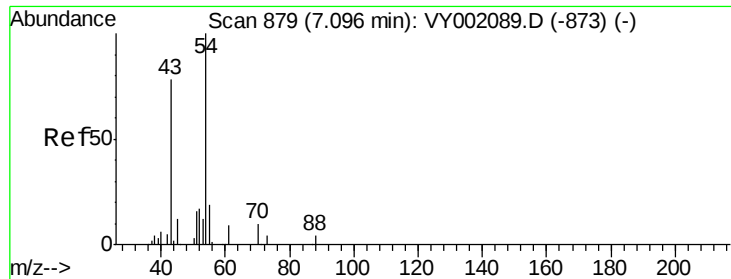
#36
 1,1-Dichloropropene
 Concen: 21.523 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion: 75 Resp: 57842
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.2 51.6
 77 30.9 24.7 37.1



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

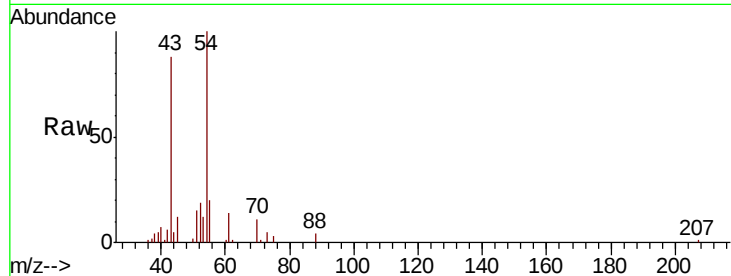




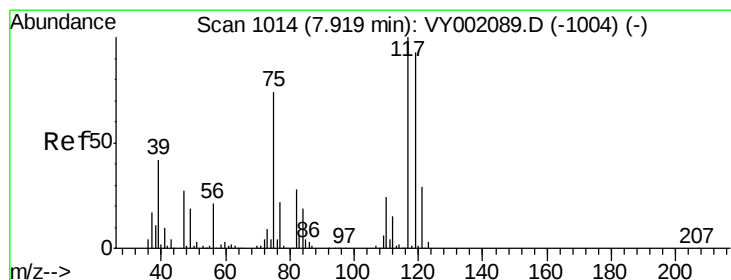
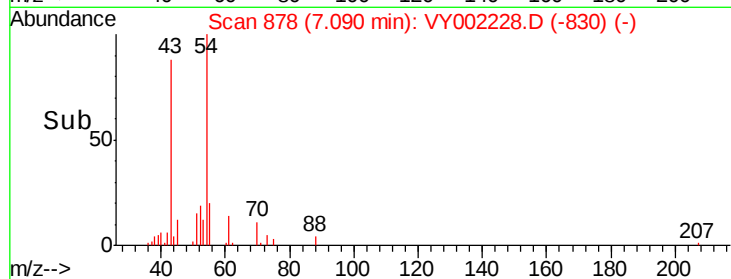
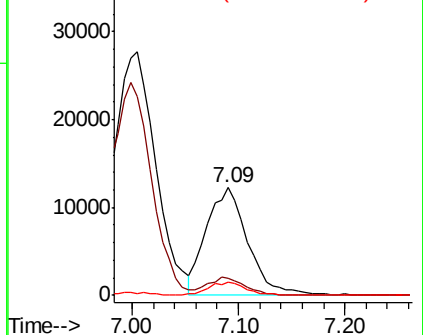
#37
Ethyl Acetate
Concen: 20.137 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 32704
Ion Ratio Lower Upper
43 100
61 15.6 11.2 16.8
70 11.4 8.2 12.4

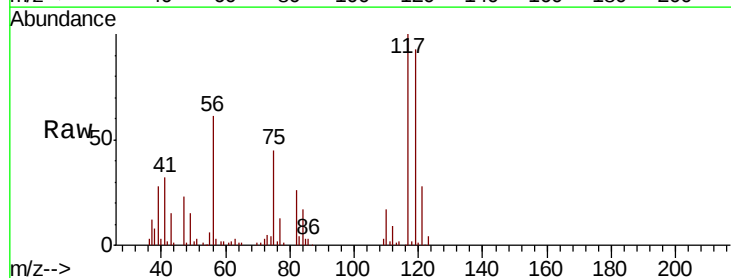


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

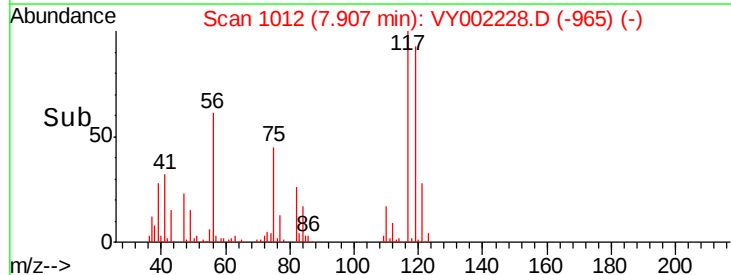
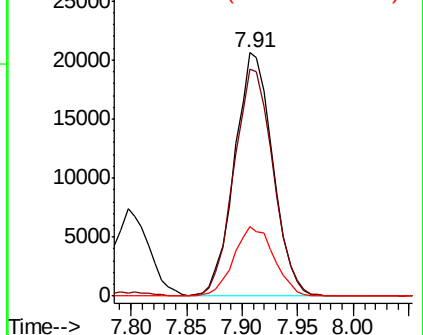


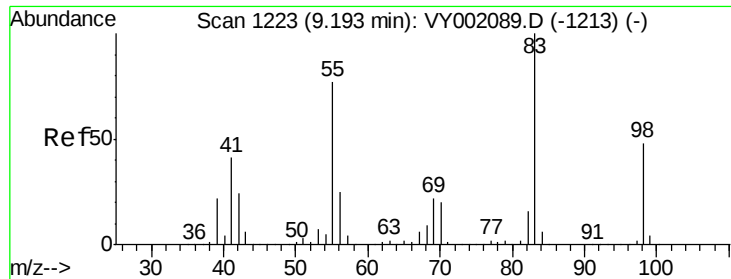
#38
Carbon Tetrachloride
Concen: 21.574 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 117 Resp: 49191
Ion Ratio Lower Upper
117 100
119 93.5 74.3 111.5
121 28.4 23.3 34.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

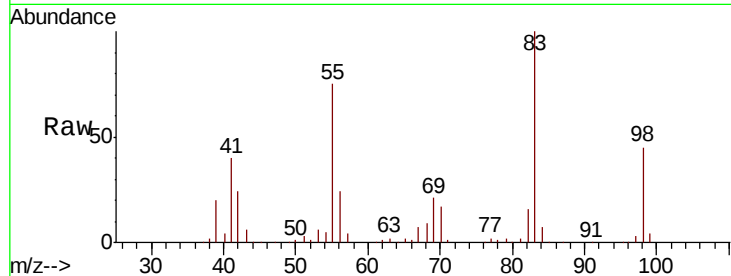




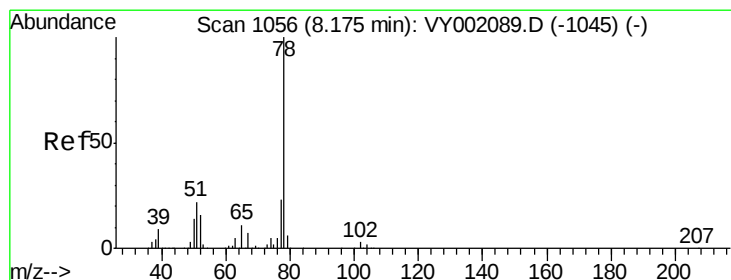
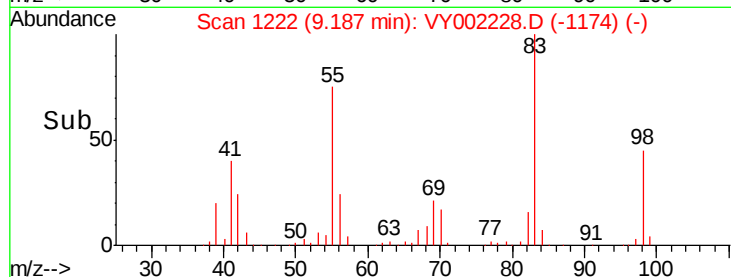
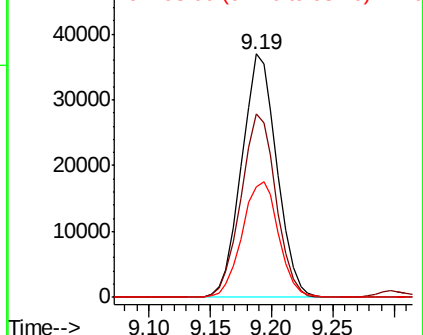
#39
Methvlcvclohexane
Concen: 21.016 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 74085
Ion Ratio Lower Upper
83 100
55 75.4 61.2 91.8
98 45.2 38.2 57.2

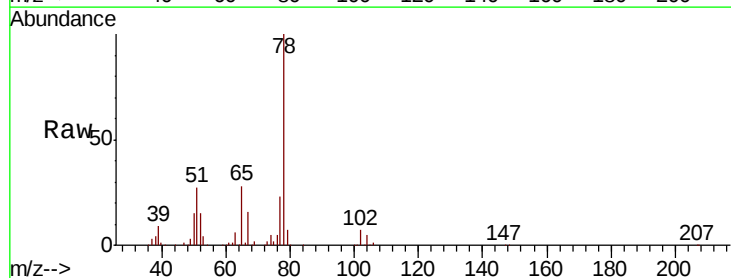


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

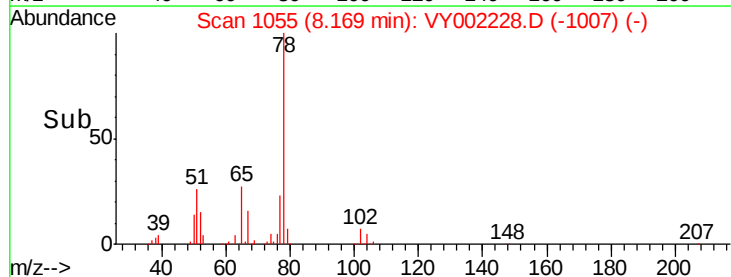
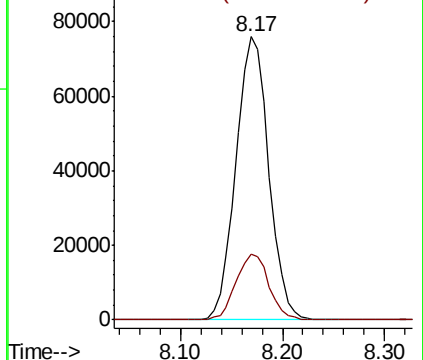


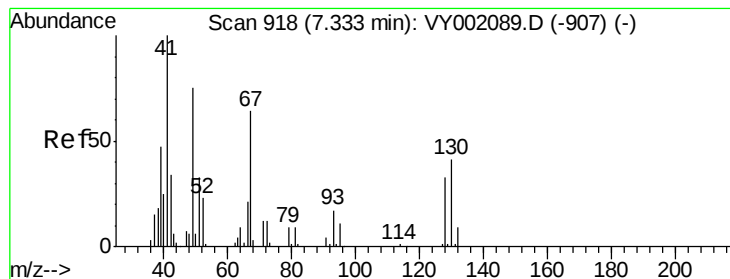
#40
Benzene
Concen: 21.271 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 78 Resp: 169329
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.4



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





#41

Methacrylonitrile

Concen: 53.365 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.02 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 43838

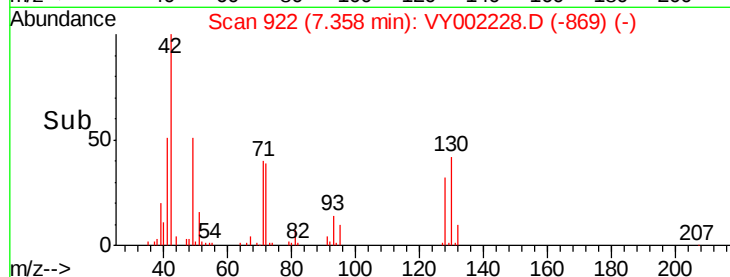
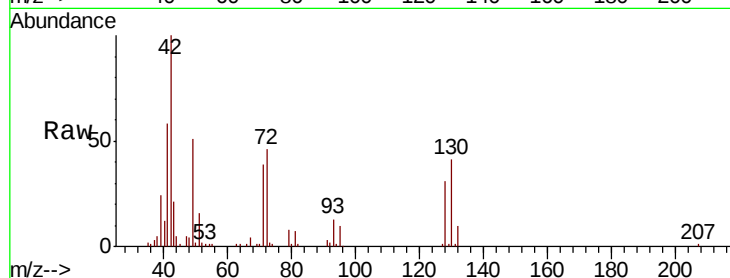
Ion Ratio Lower Upper

41 100

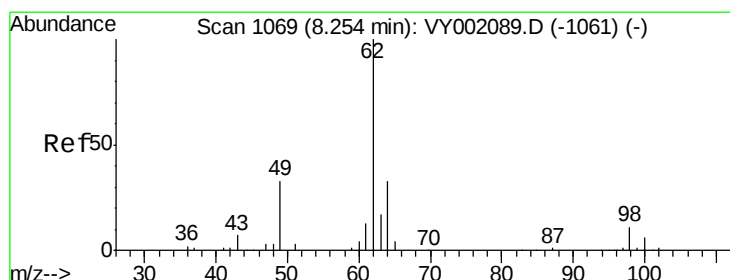
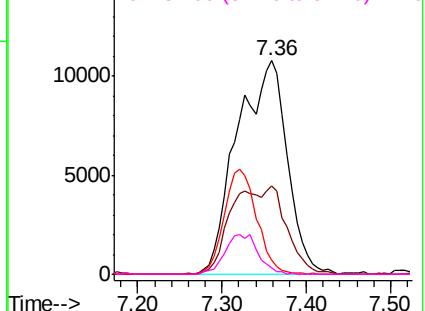
39 0.0 0.0 0.0

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: 20.645 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002228.D

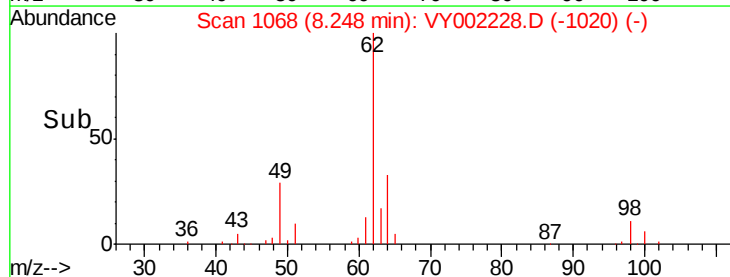
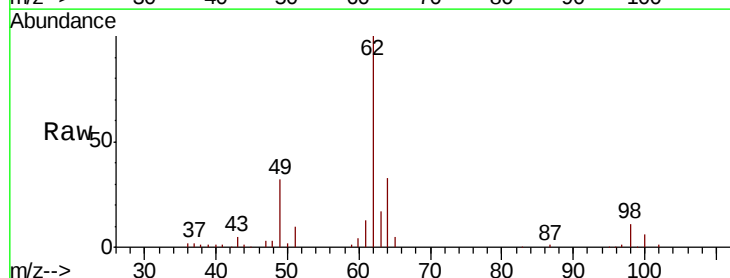
Acq: 06 Apr 2020 11:56

Tgt Ion: 62 Resp: 43633

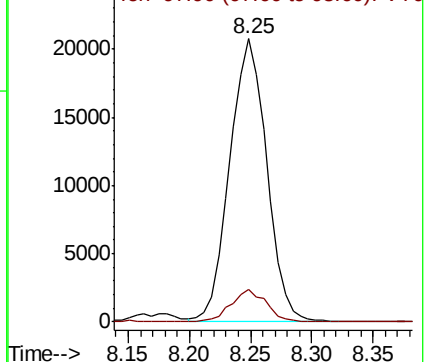
Ion Ratio Lower Upper

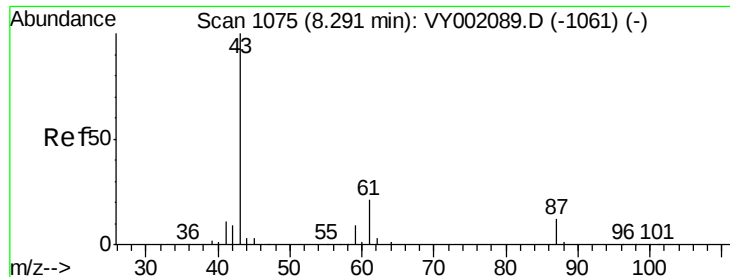
62 100

98 10.8 0.0 21.2



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





#43

Isopropyl Acetate

Concen: 19.796 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

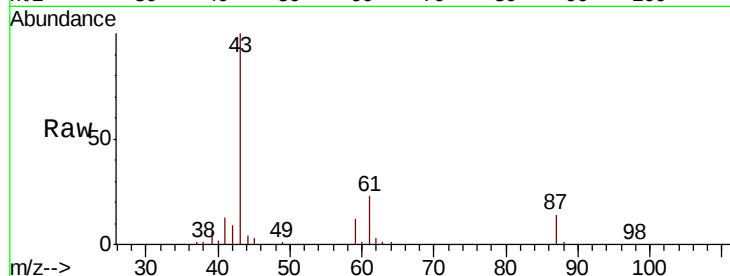
Tot Ion: 43 Resp: 59670

Ion Ratio Lower Upper

43 100

61 30.8 23.4 35.2

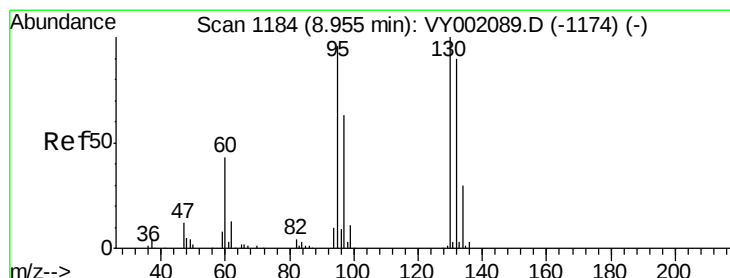
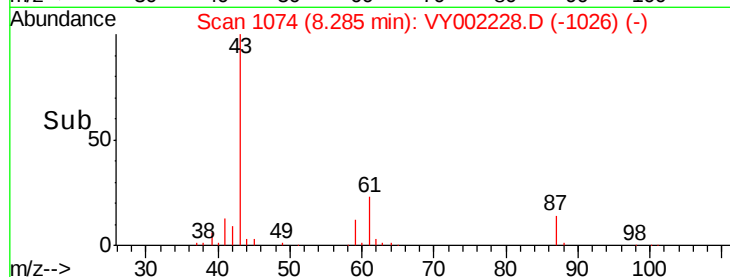
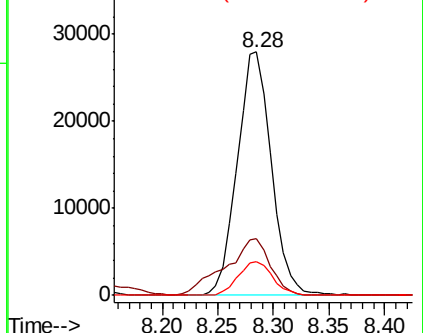
87 14.0 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002228.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002228.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002228.D (-1061) (-)



#44

Trichloroethene

Concen: 21.516 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002228.D

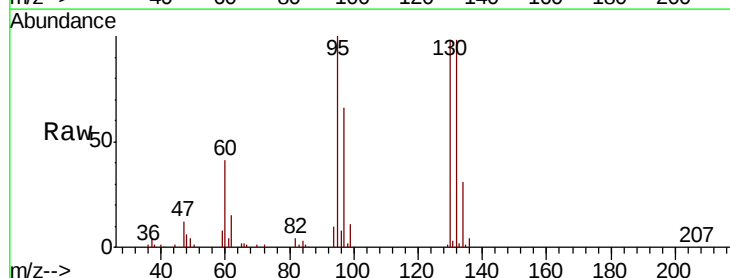
Acq: 06 Apr 2020 11:56

Tgt Ion:130 Resp: 41288

Ion Ratio Lower Upper

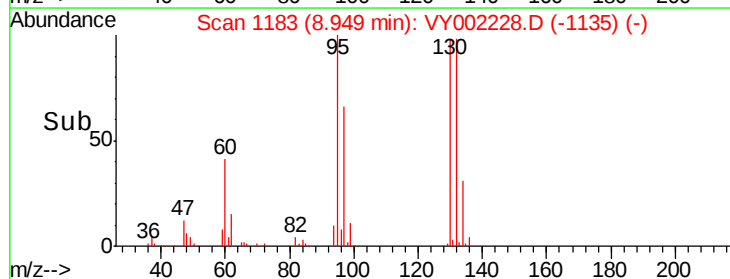
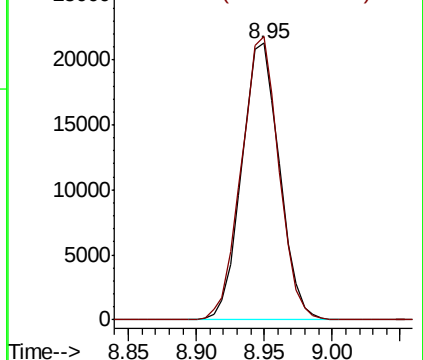
130 100

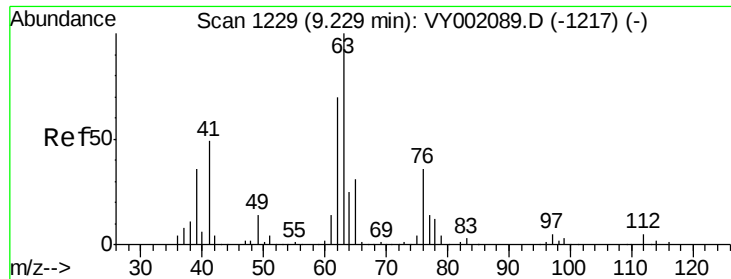
95 102.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002228.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002228.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 21.135 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

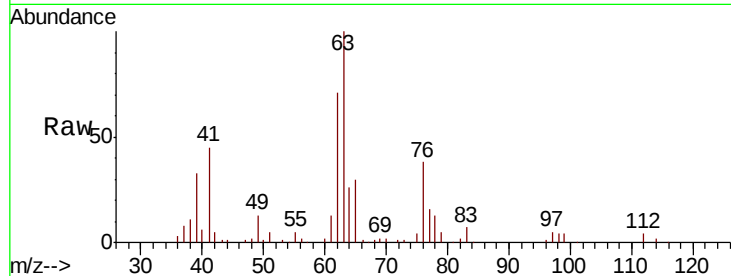
ClientSampleId :

Tot Ion: 63 Resp: 42840

Ion Ratio Lower Upper

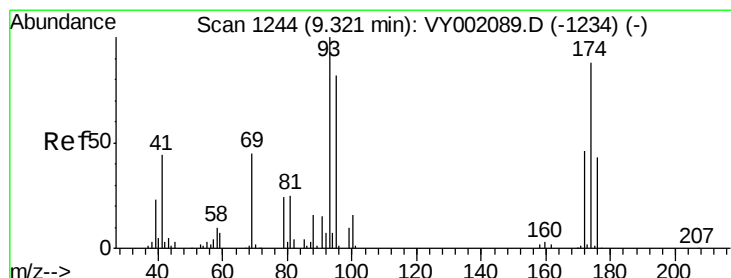
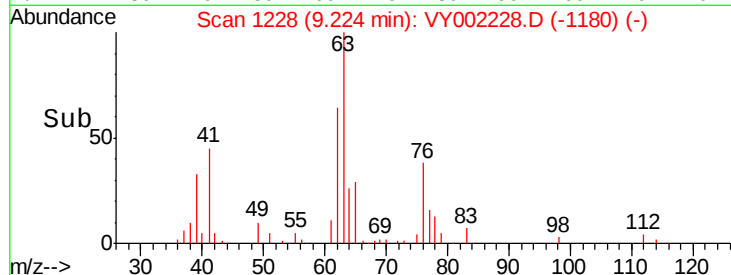
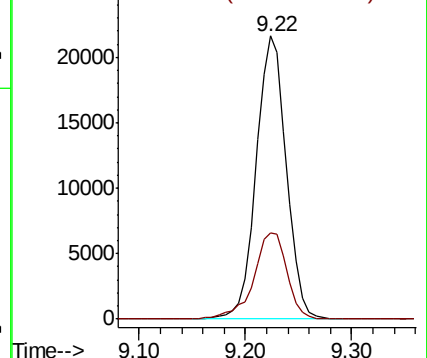
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.184 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

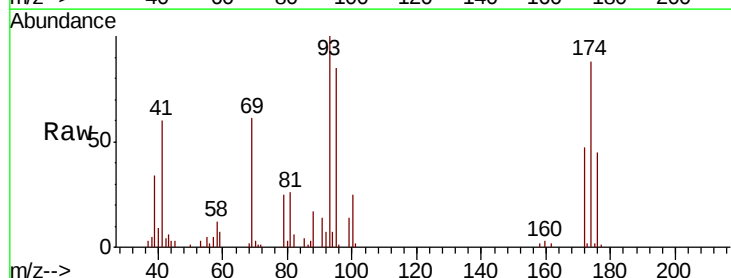
Tgt Ion: 93 Resp: 22052

Ion Ratio Lower Upper

93 100

95 84.3 66.0 99.0

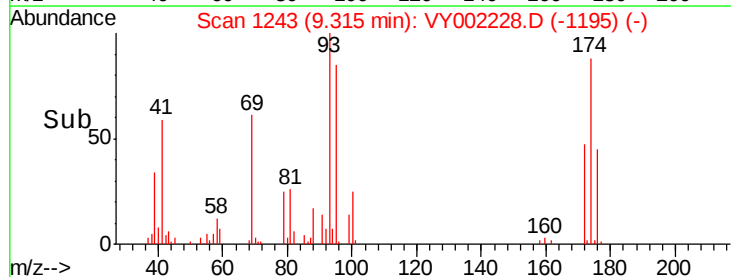
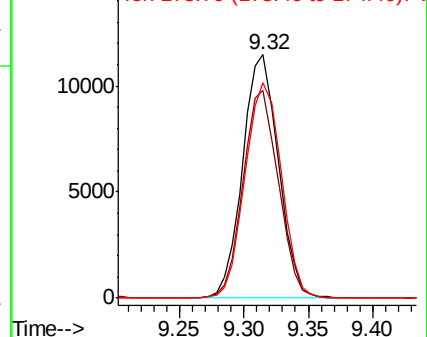
174 90.0 69.8 104.8

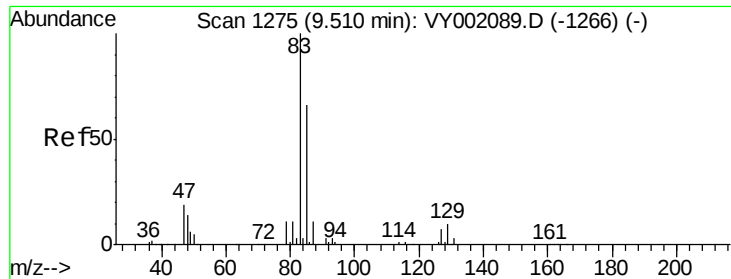


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

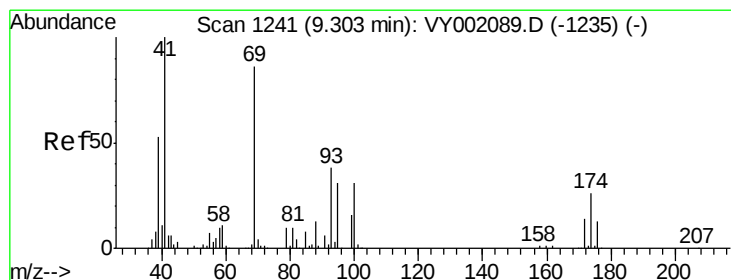
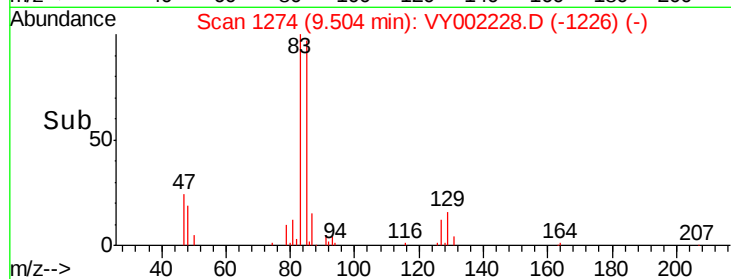
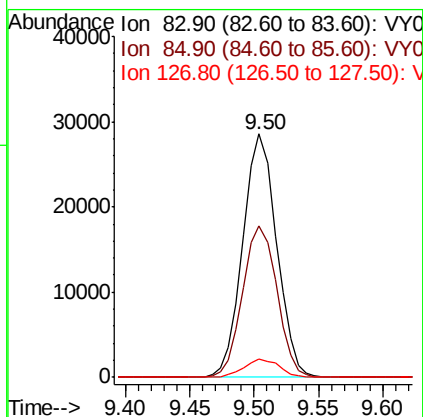
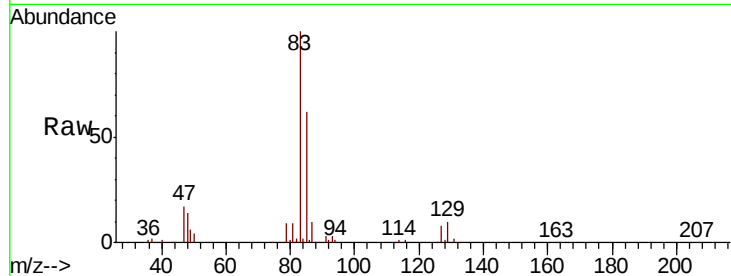




#47
 Bromodichloromethane
 Concen: 21.450 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

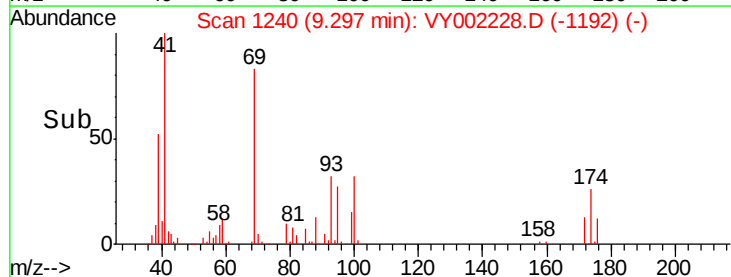
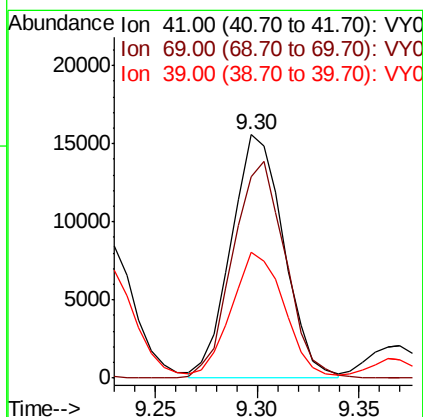
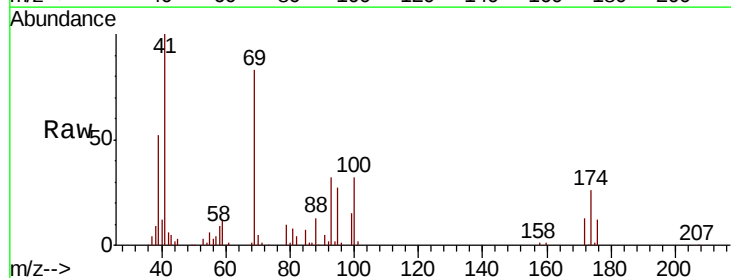
Instrument :
 MSVOA_Y
 ClientSampleId :

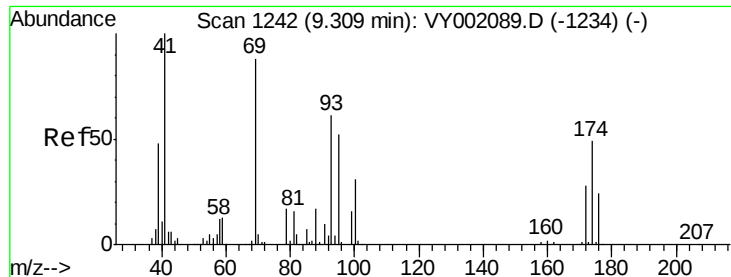
Tot Ion	83	Resp	51979
Ion Ratio	100		
85	62.5	52.6	79.0
127	7.8	5.9	8.9



#48
 Methyl methacrylate
 Concen: 20.741 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion	41	Resp	28017
Ion Ratio	100		
69	88.6	71.4	107.0
39	52.2	41.0	61.4

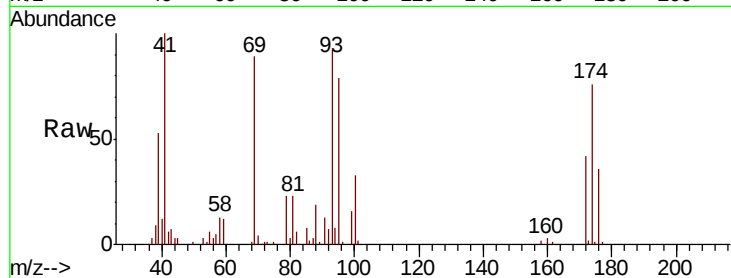




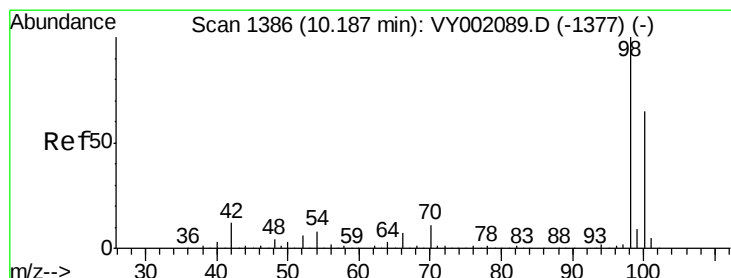
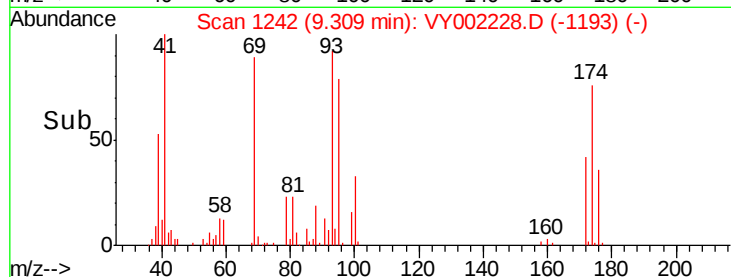
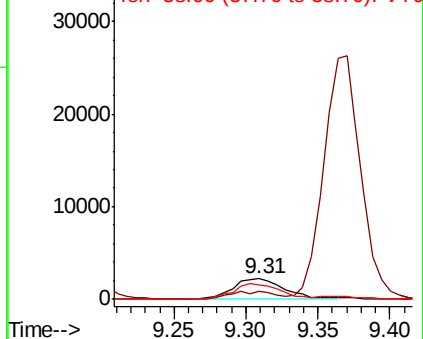
#49
1,4-Dioxane
Concen: 393.718 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 5624
Ion Ratio Lower Upper
88 100
43 33.1 27.2 40.8
58 69.2 59.8 89.8

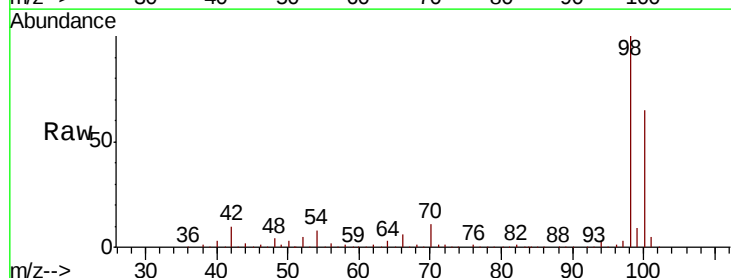


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

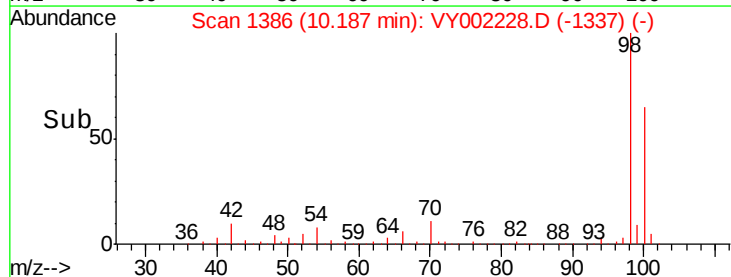
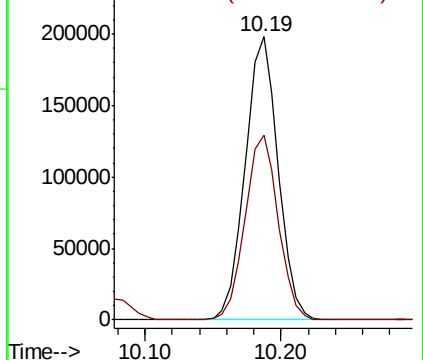


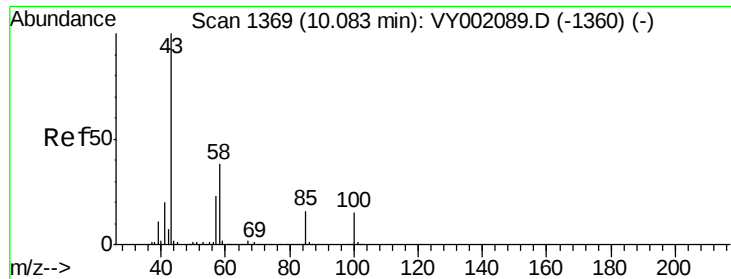
#50
Toluene-d8
Concen: 50.747 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 98 Resp: 335620
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



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

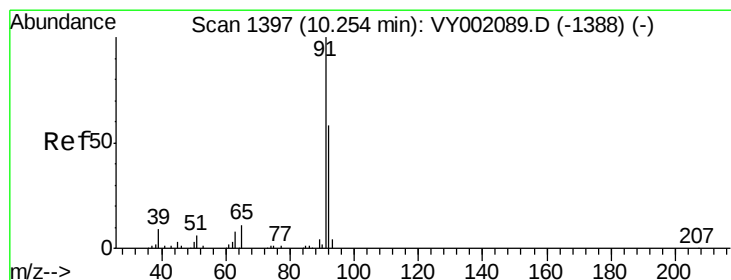
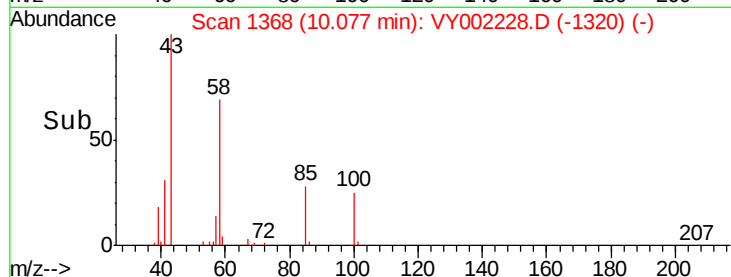
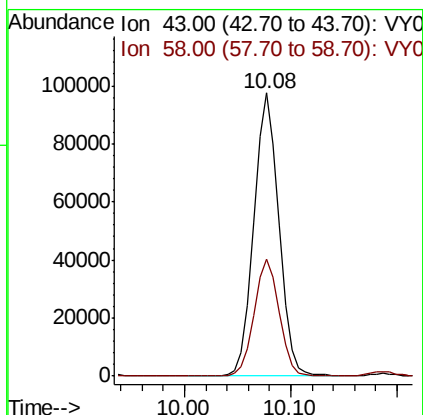
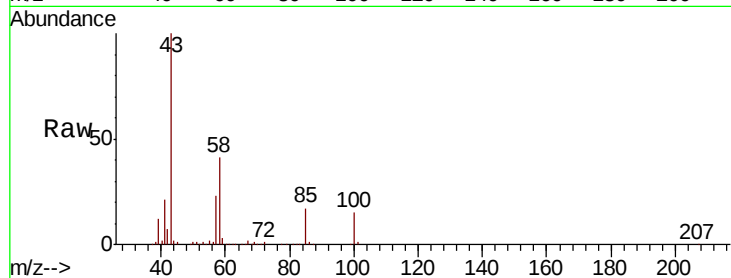




#51
4-Methyl-2-Pentanone
Concen: 103.537 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

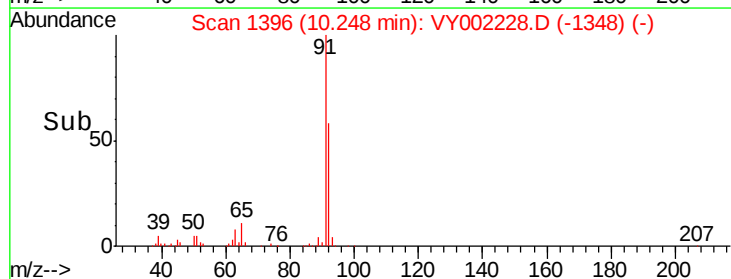
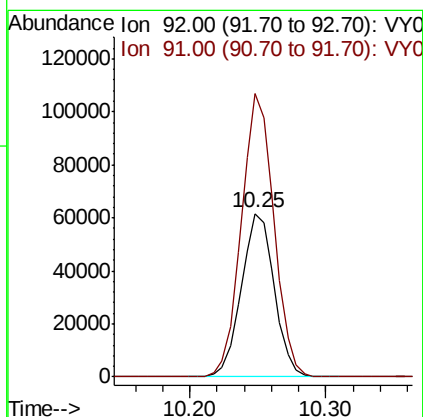
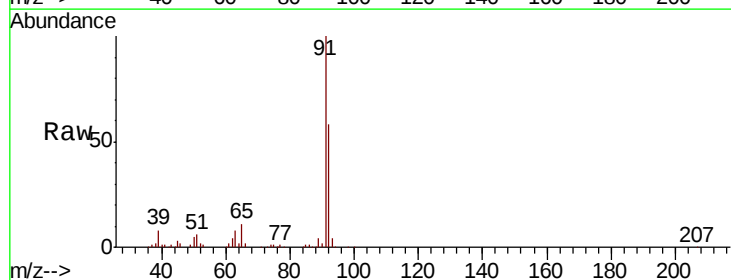
Instrument :
MSVOA_Y
ClientSampled :

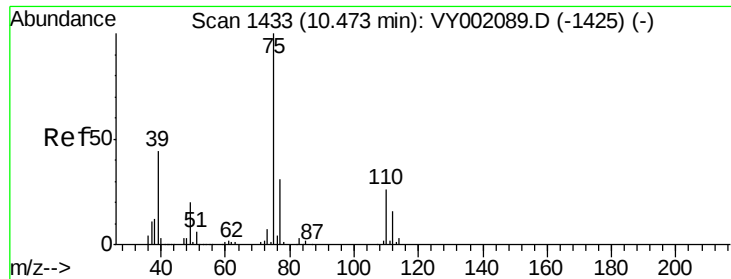
Tot Ion: 43 Resp: 160700
Ion Ratio Lower Upper
43 100
58 41.3 31.6 47.4



#52
Toluene
Concen: 21.570 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 92 Resp: 103857
Ion Ratio Lower Upper
92 100
91 171.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 21.120 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

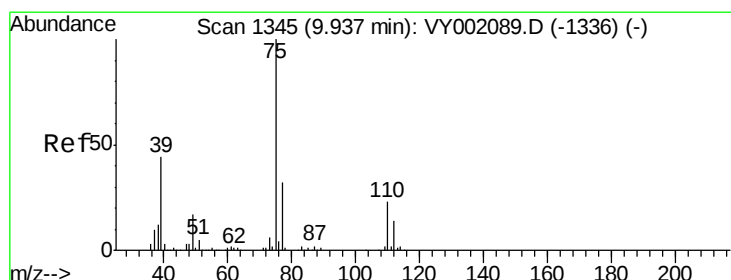
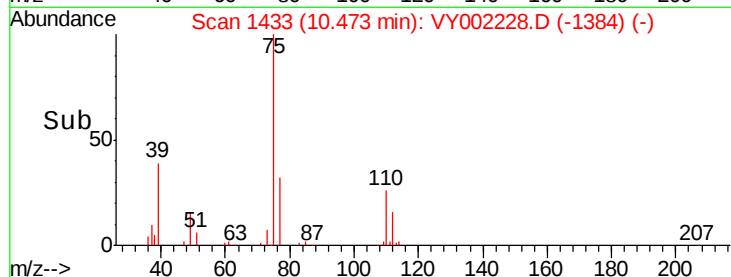
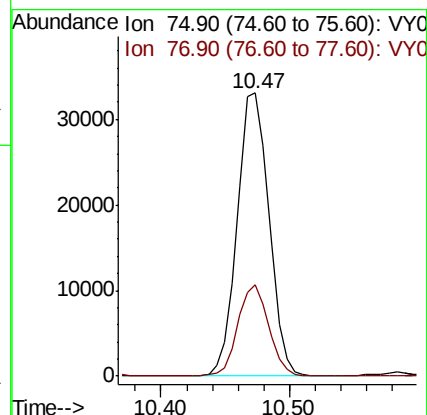
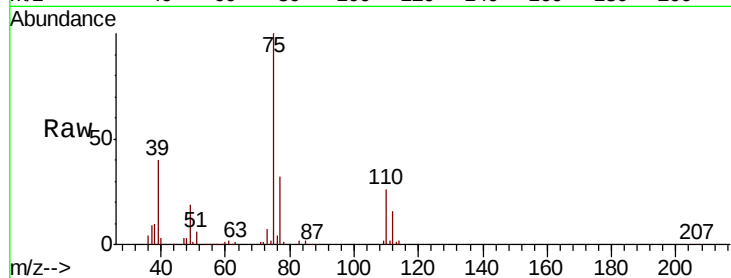
ClientSampleId :

Tot Ion: 75 Resp: 56805

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.170 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

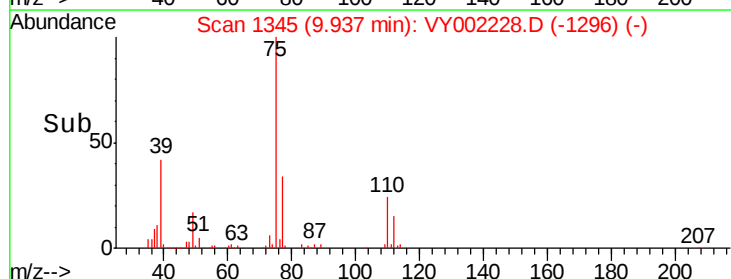
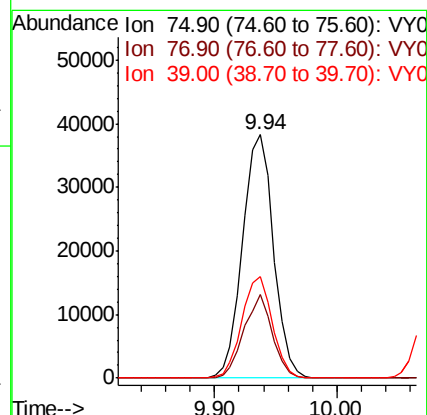
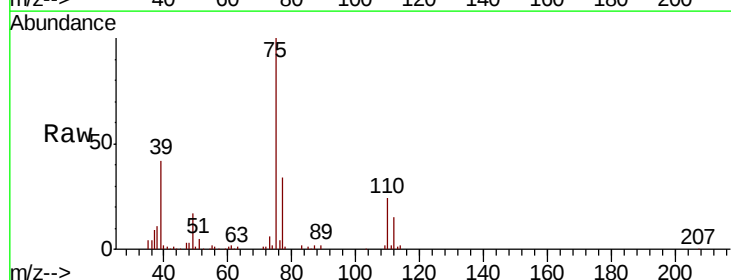
Tgt Ion: 75 Resp: 67041

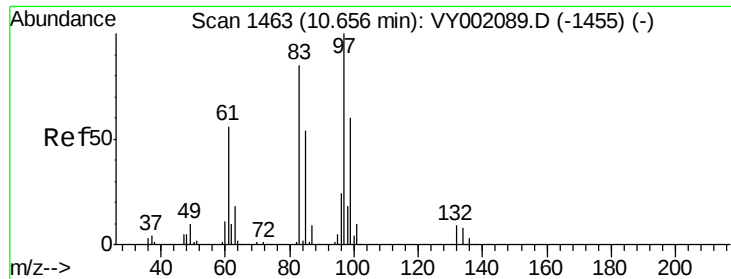
Ion Ratio Lower Upper

75 100

77 34.3 25.6 38.4

39 41.7 35.2 52.8

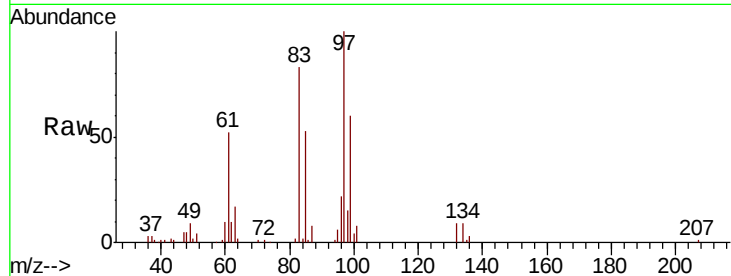




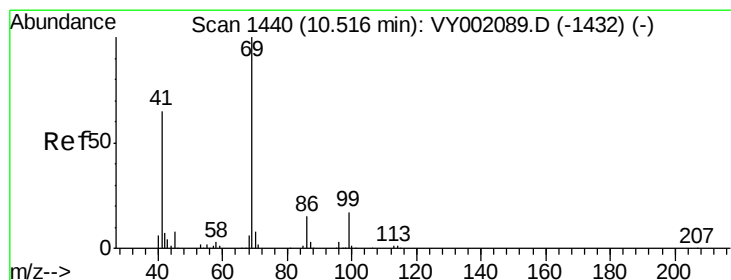
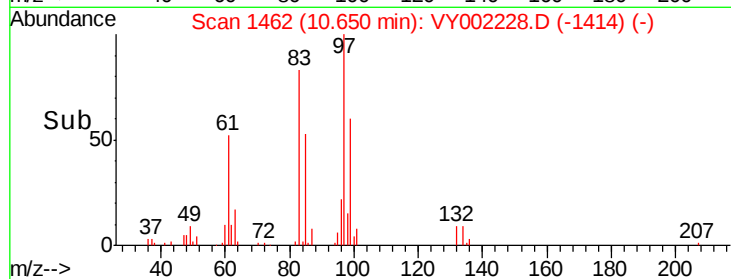
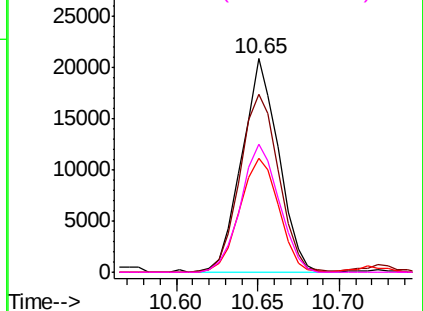
#55
 1,1,2-Trichloroethane
 Concen: 21.318 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	32844
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.2	102.2
85	53.4	42.9	64.3
99	59.8	47.9	71.9

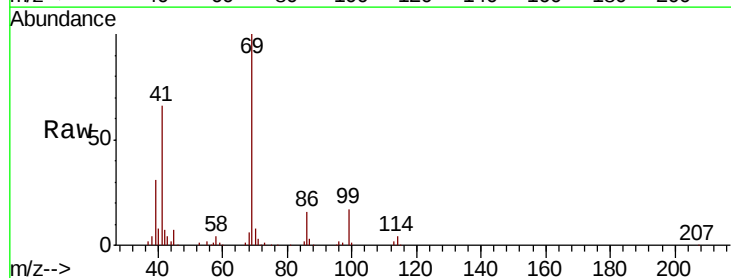


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

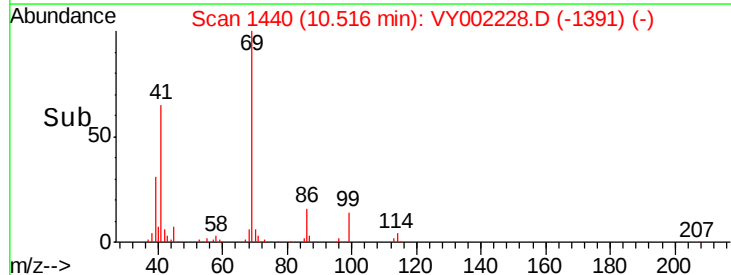
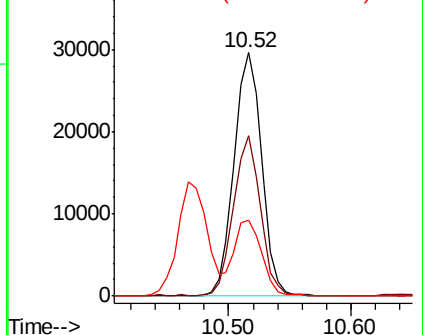


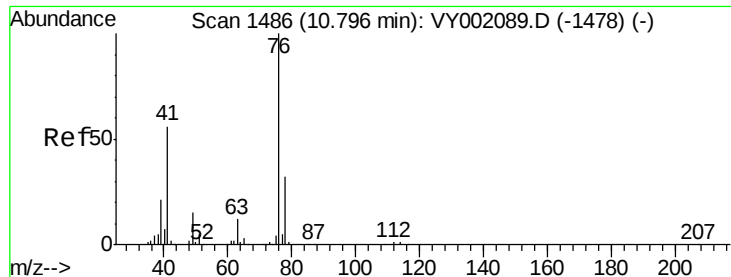
#56
 Ethyl methacrylate
 Concen: 20.539 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion:	69	Resp:	46217
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.8	79.2
39	32.4	25.0	37.6



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





#57

1,3-Dichloropropane

Concen: 21.422 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

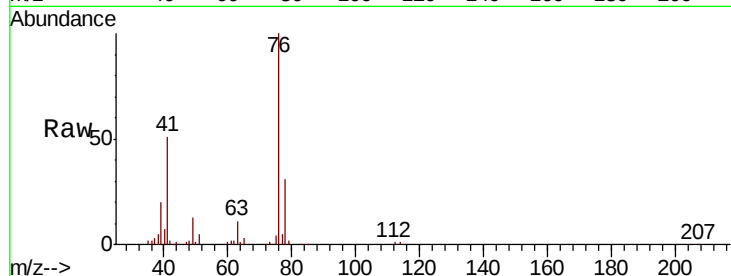
ClientSampled :

Tot Ion: 76 Resp: 58312

Ion Ratio Lower Upper

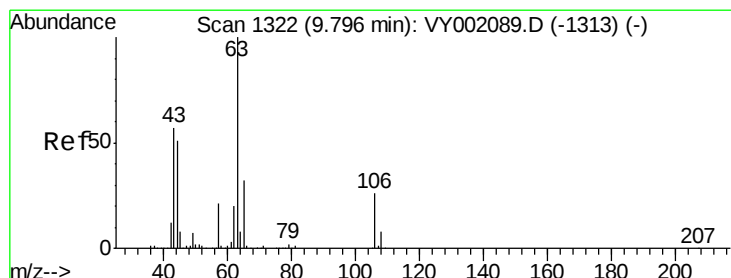
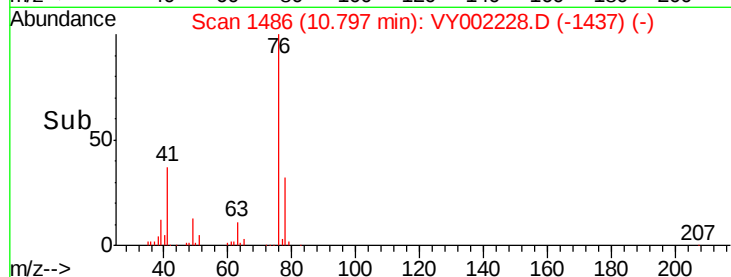
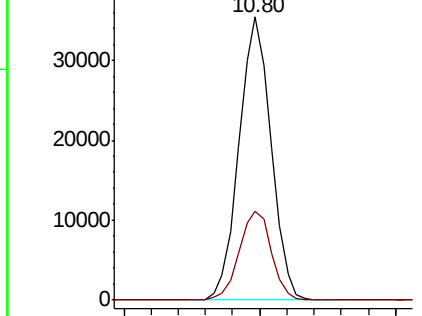
76 100

78 31.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.020 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002228.D

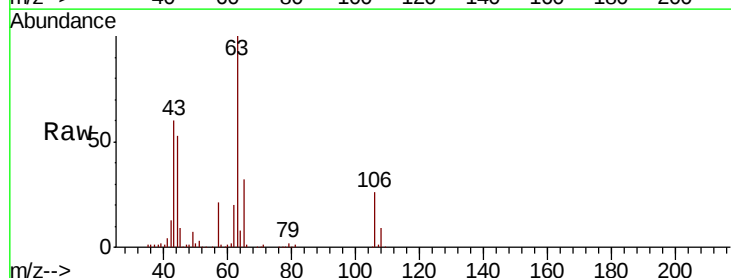
Acq: 06 Apr 2020 11:56

Tgt Ion: 63 Resp: 121431

Ion Ratio Lower Upper

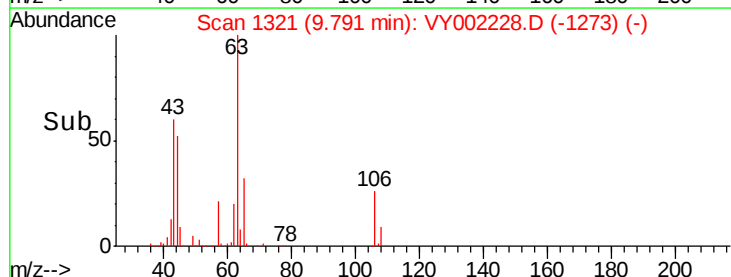
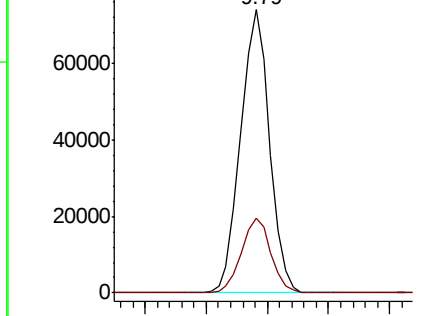
63 100

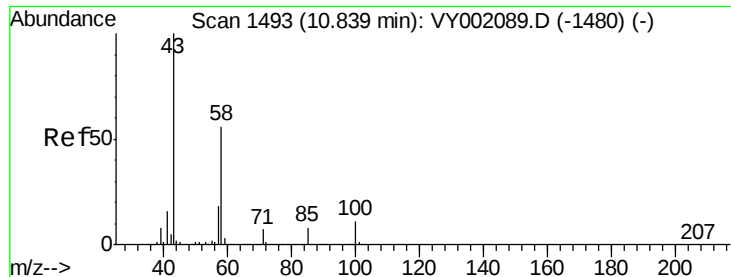
106 26.7 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

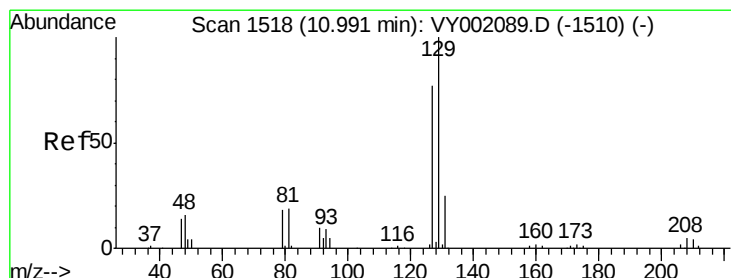
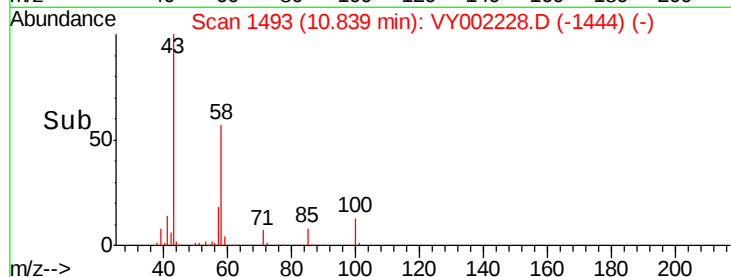
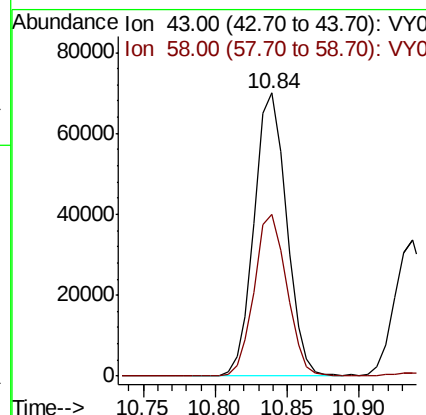
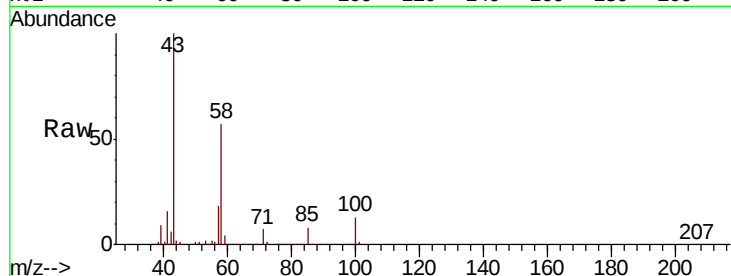




#59
2-Hexanone
Concen: 99.691 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

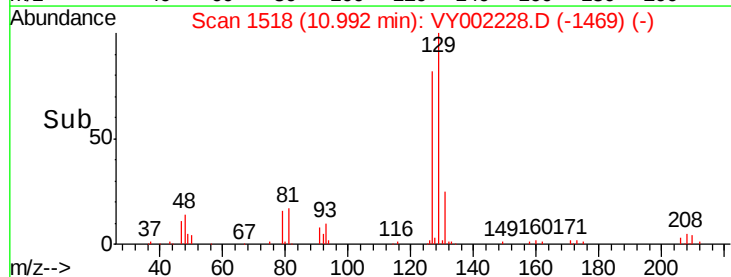
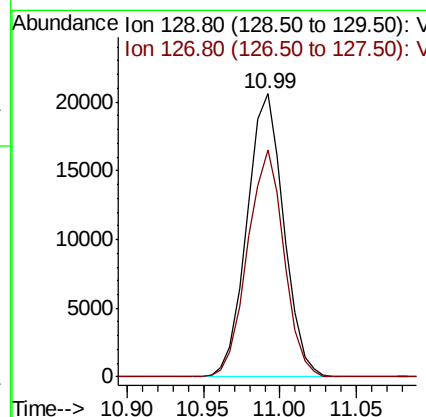
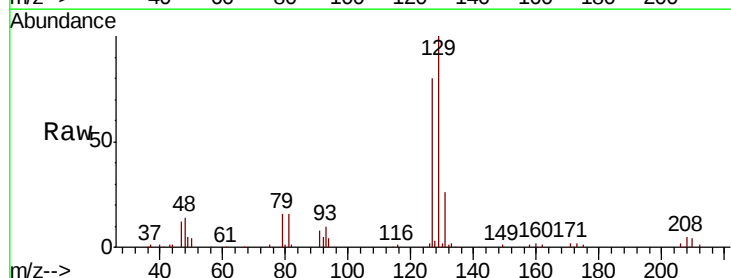
Instrument :
MSVOA_Y
ClientSampleId :

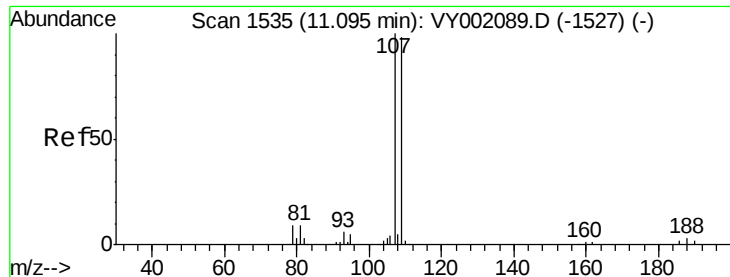
Tot Ion: 43 Resp: 108995
Ion Ratio Lower Upper
43 100
58 57.5 27.9 83.6



#60
Dibromochloromethane
Concen: 21.378 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 129 Resp: 34464
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.460 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

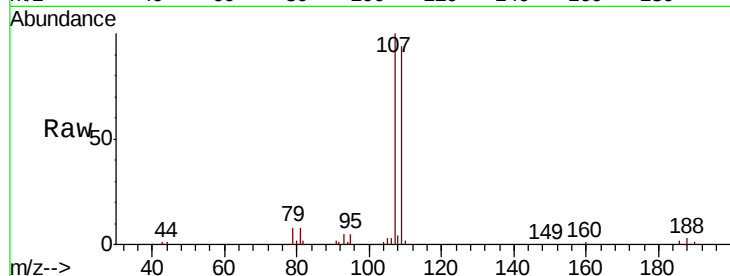
ClientSampleId :

Tot Ion:107 Resp: 30946

Ion Ratio Lower Upper

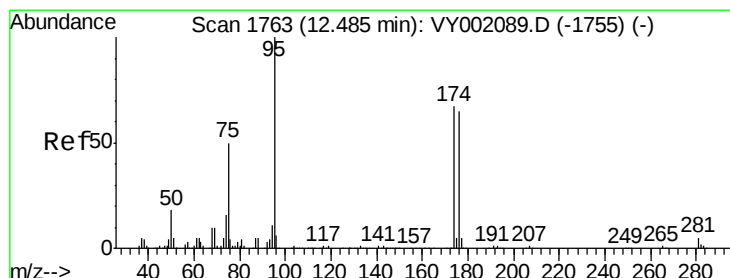
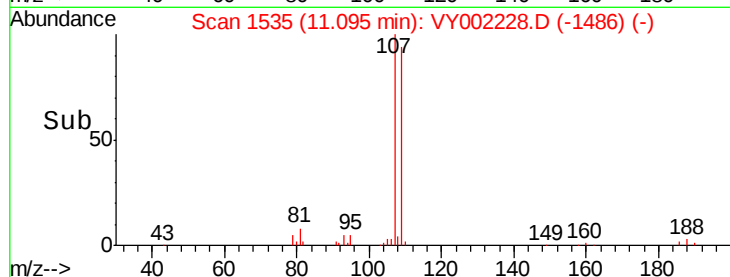
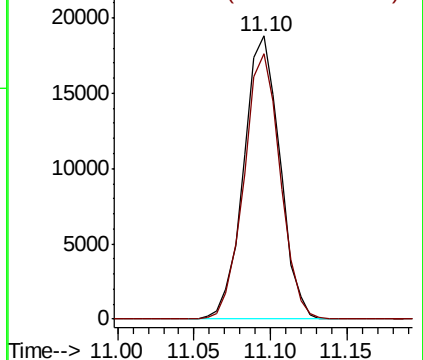
107 100

109 93.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.948 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

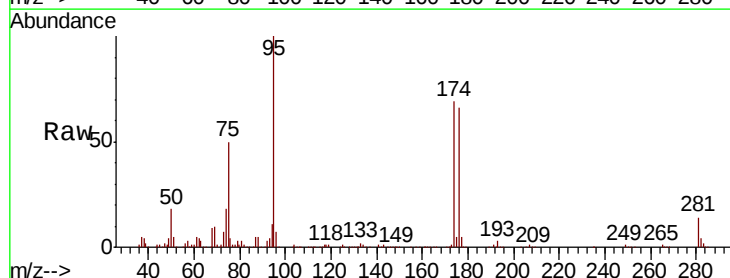
Tgt Ion: 95 Resp: 115530

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.4

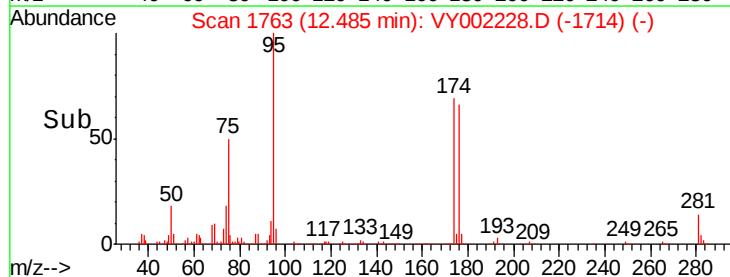
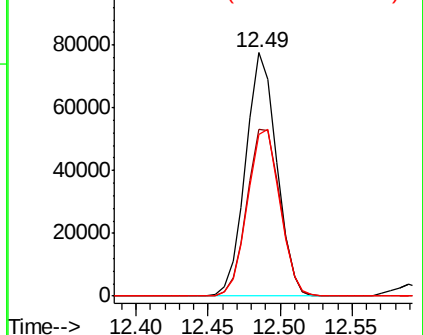
176 71.4 0.0 137.0

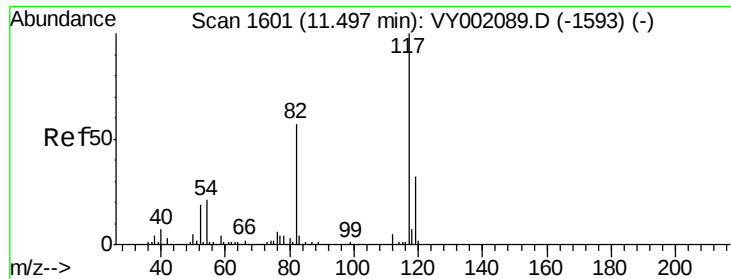


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

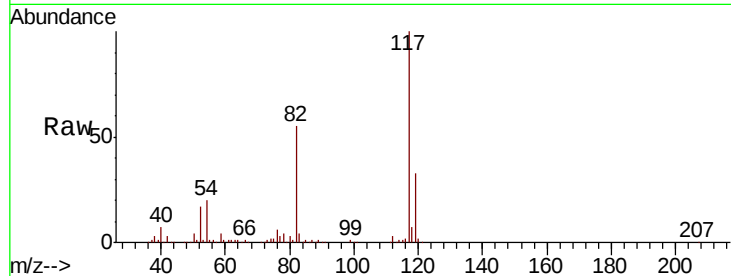




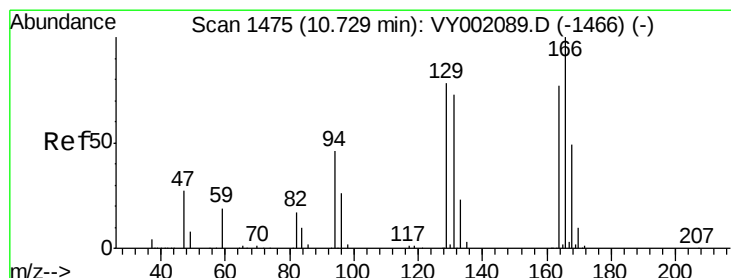
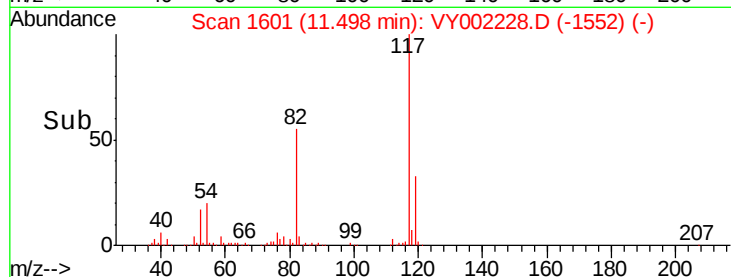
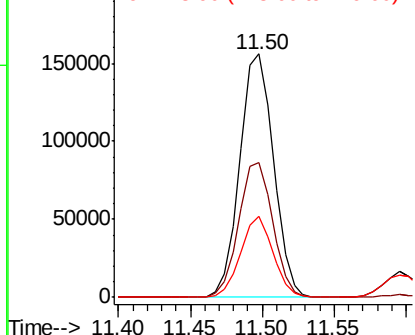
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 254046
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 33.0 25.3 37.9

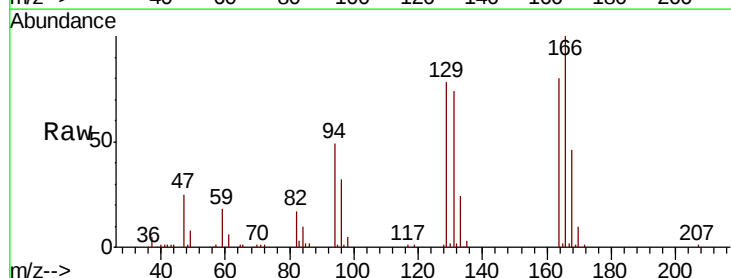


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

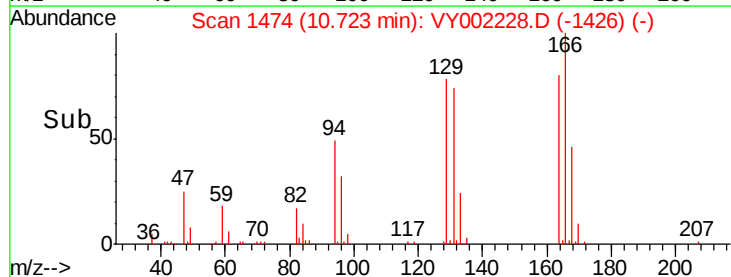
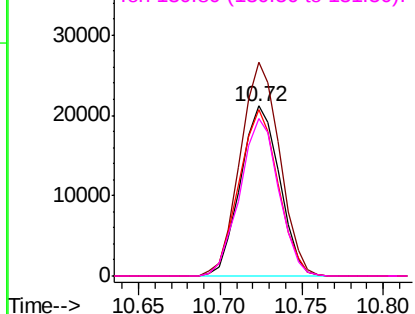


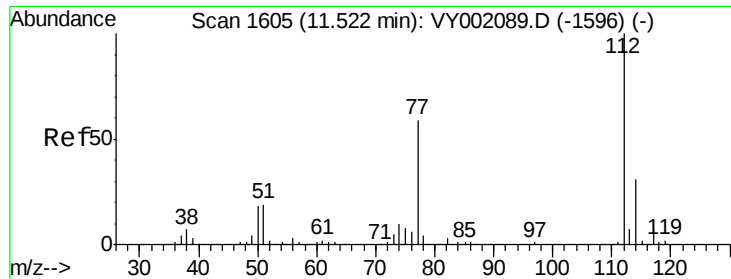
#64
Tetrachloroethene
Concen: 22.811 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:164 Resp: 35455
Ion Ratio Lower Upper
164 100
166 125.6 104.0 156.0
129 98.0 81.2 121.8
131 92.9 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

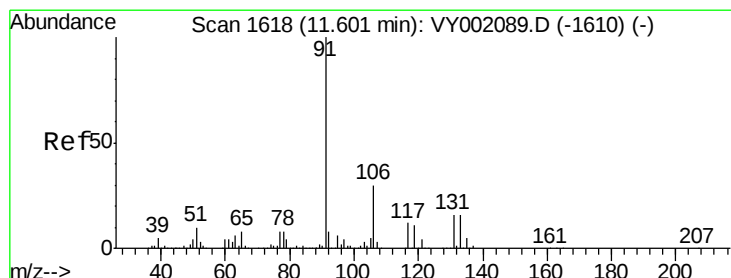
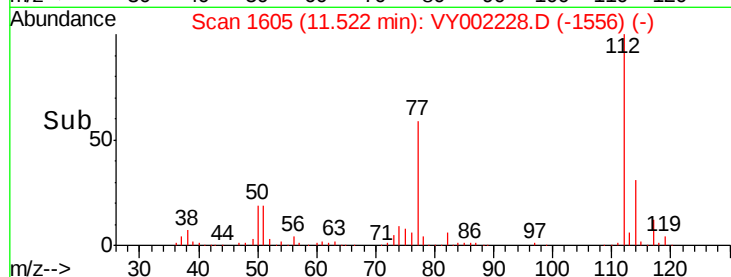
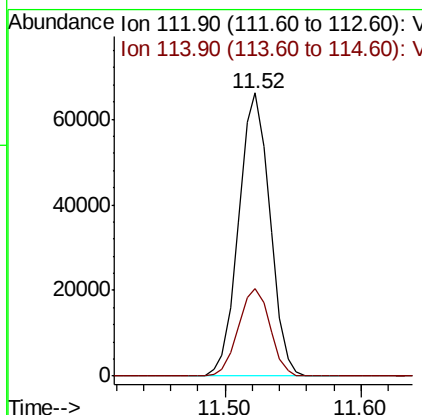
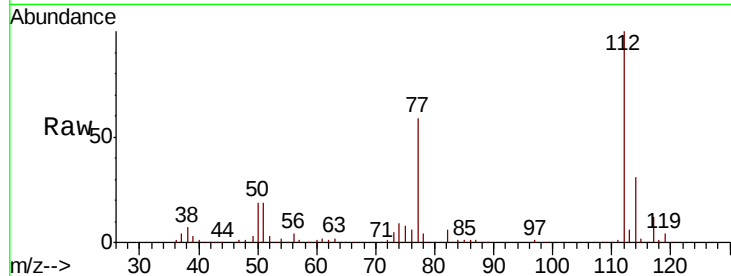




#65
Chlorobenzene
Concen: 21.631 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

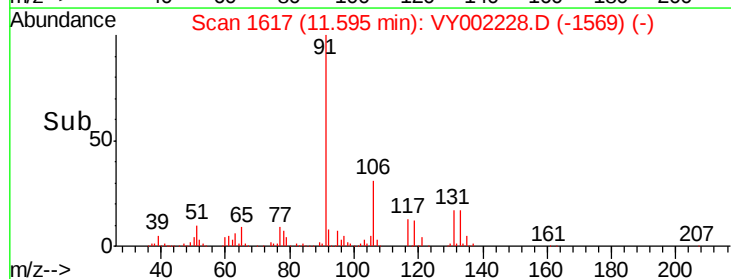
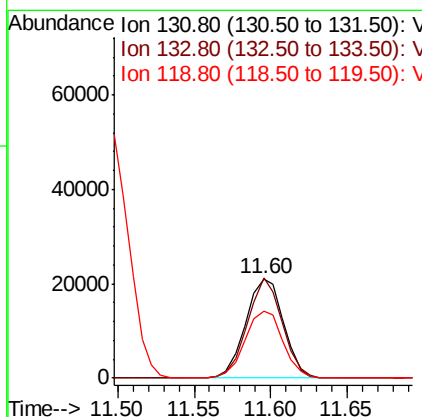
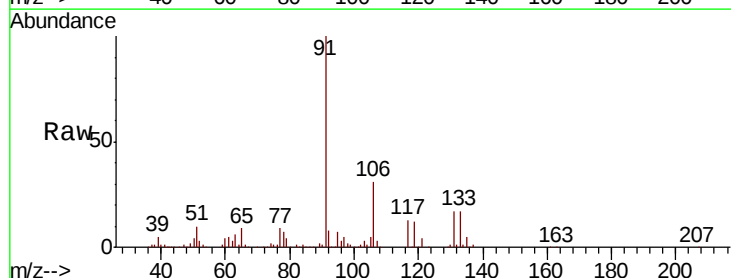
Instrument :
MSVOA_Y
ClientSampleId :

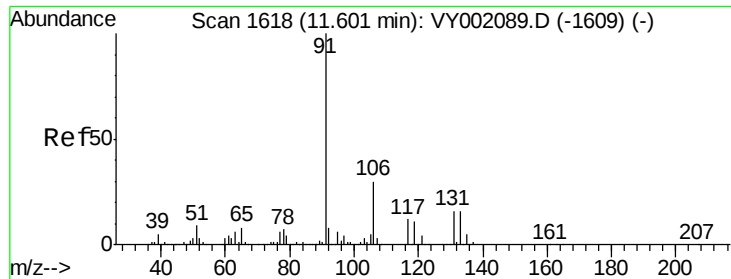
Tot Ion:112 Resp: 106076
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.046 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:131 Resp: 36169
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 68.0 34.6 103.9

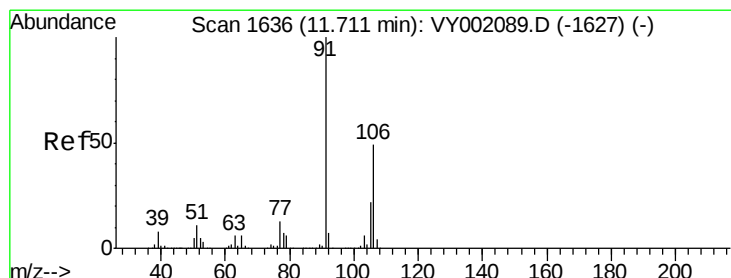
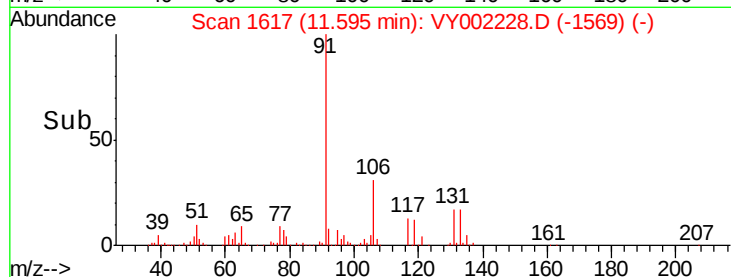
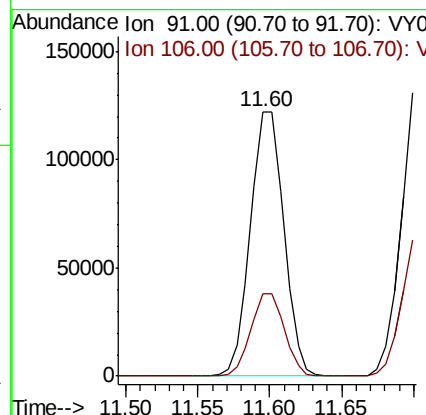
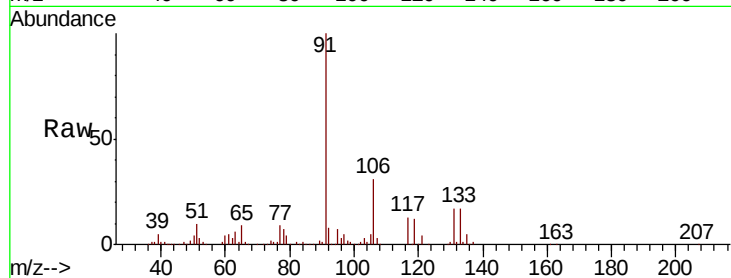




#67
Ethyl Benzene
Concen: 21.519 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

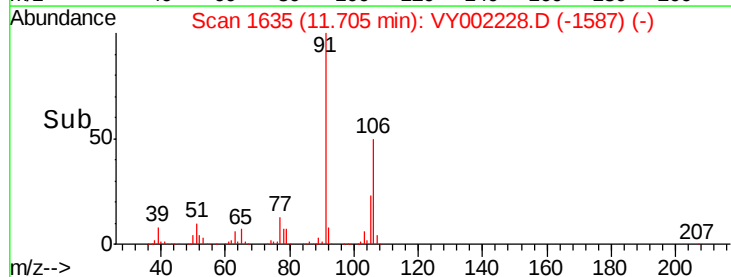
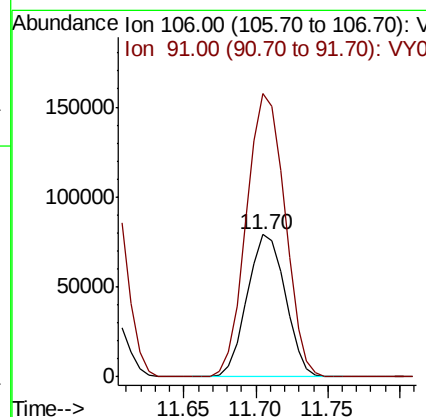
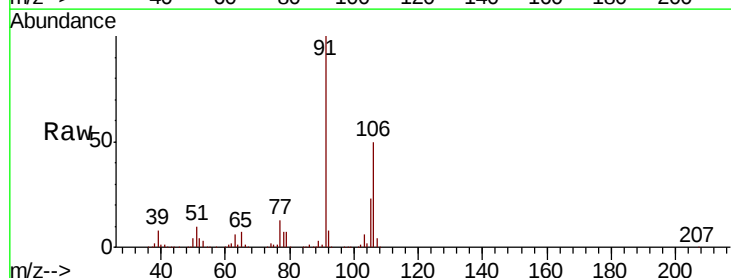
Instrument :
MSVOA_Y
ClientSampled :

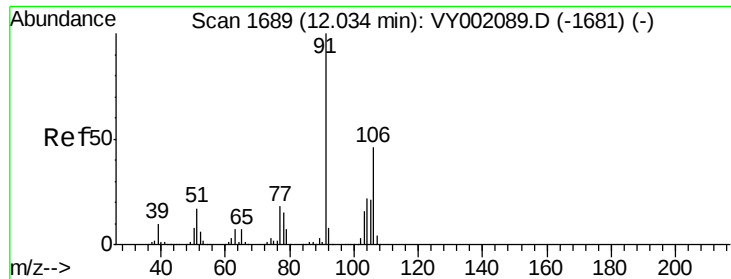
Tot Ion: 91 Resp: 195995
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



#68
m/p-Xylenes
Concen: 43.015 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 106 Resp: 144853
Ion Ratio Lower Upper
106 100
91 201.4 162.8 244.2

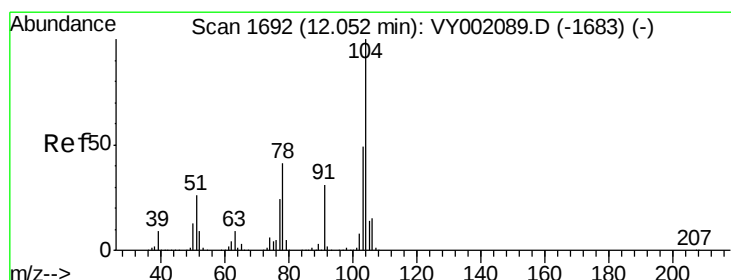
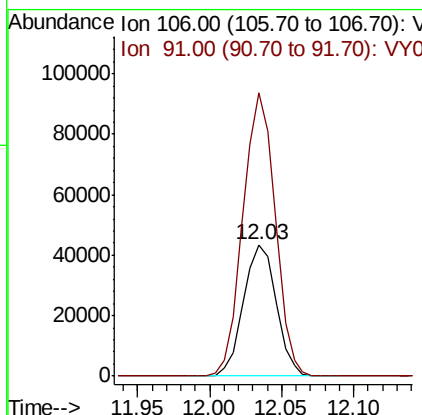
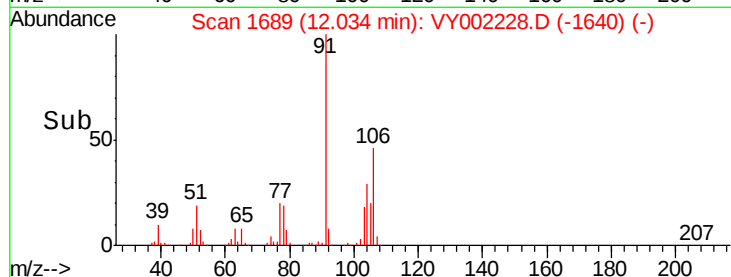
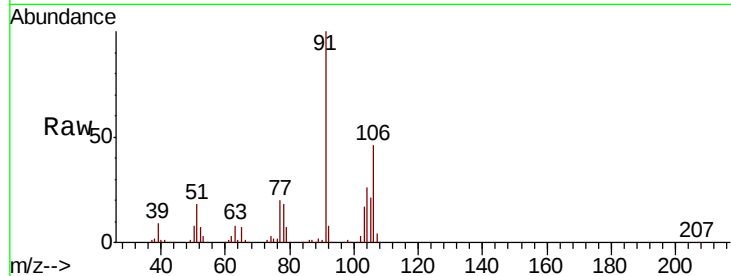




#69
o-Xylene
Concen: 21.411 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

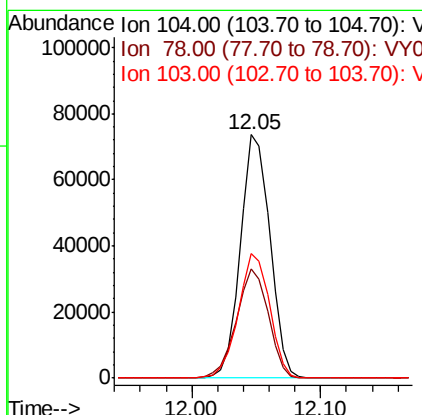
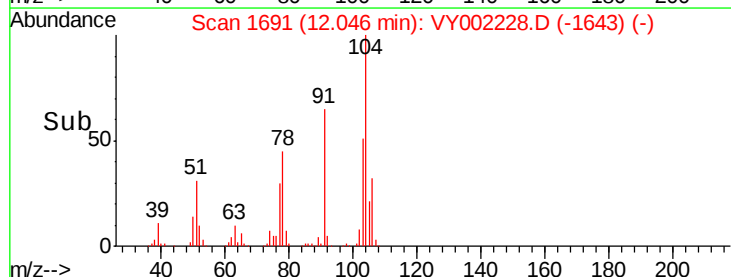
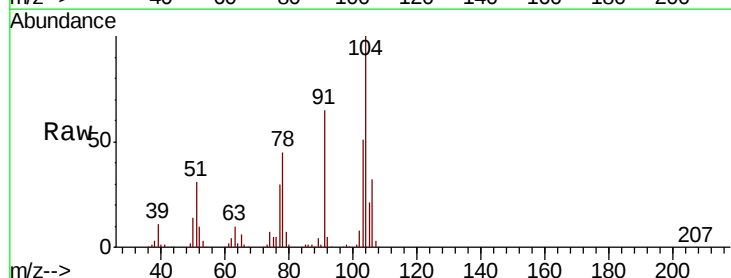
Instrument :
MSVOA_Y
ClientSampled :

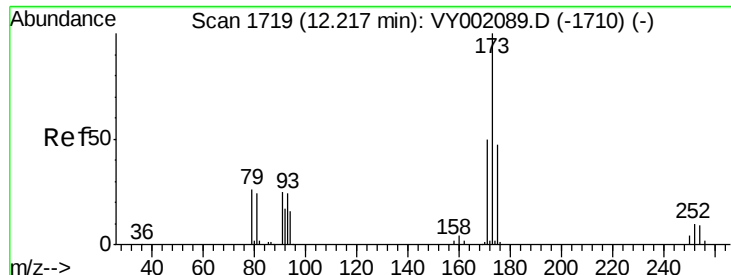
Tot Ion:106 Resp: 68396
Ion Ratio Lower Upper
106 100
91 212.4 107.3 321.8



#70
Styrene
Concen: 21.134 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:104 Resp: 116985
Ion Ratio Lower Upper
104 100
78 48.2 37.9 56.9
103 54.2 43.2 64.8

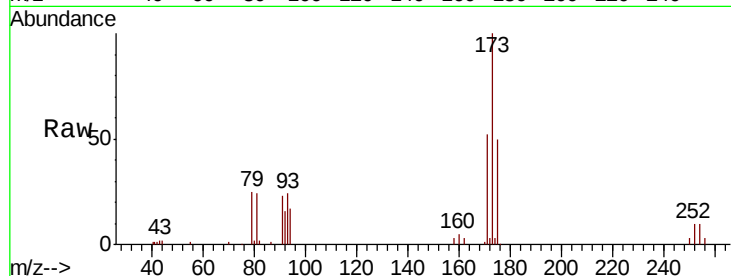




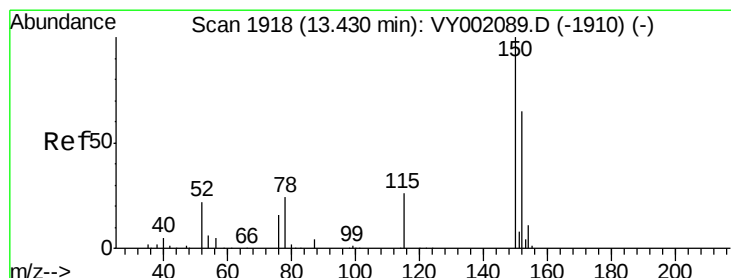
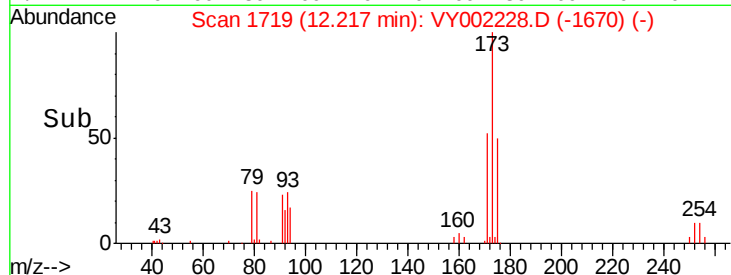
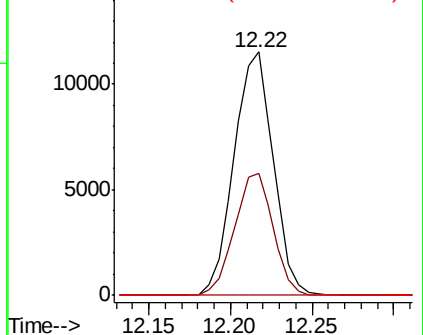
#71
Bromoform
Concen: 21.445 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 19270
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.0 0.0

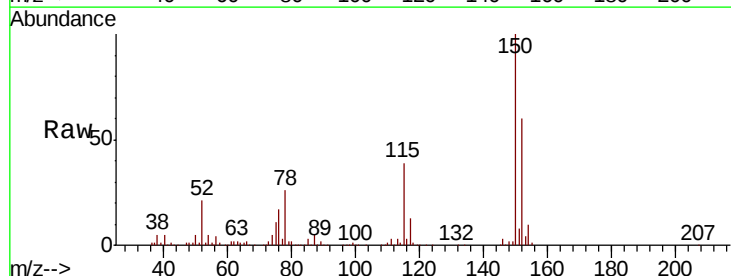


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

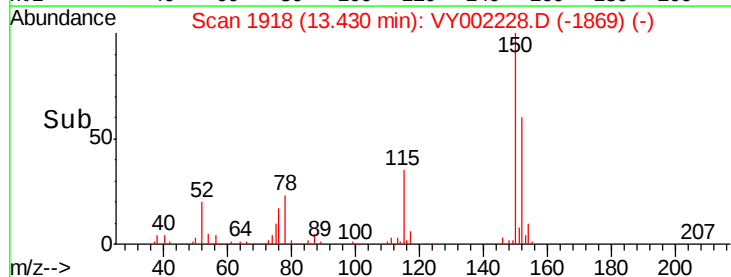
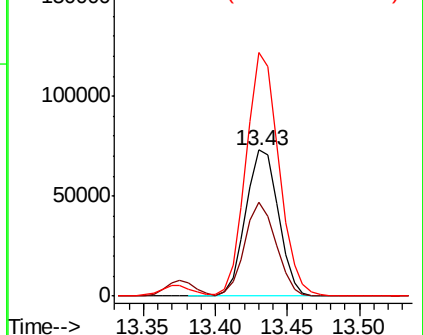


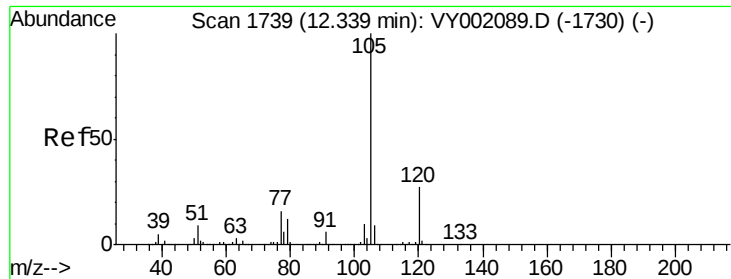
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:152 Resp: 115247
Ion Ratio Lower Upper
152 100
115 61.3 31.2 93.6
150 167.2 0.0 354.8



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

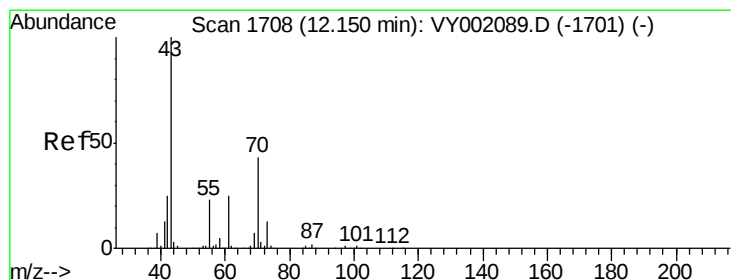
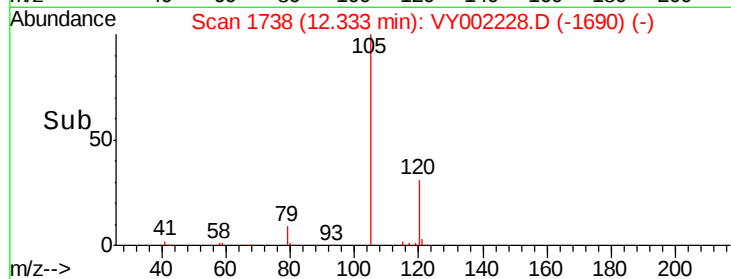
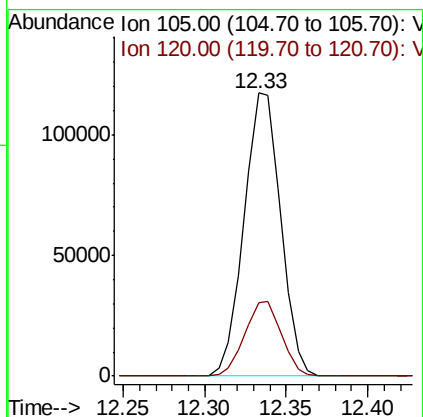
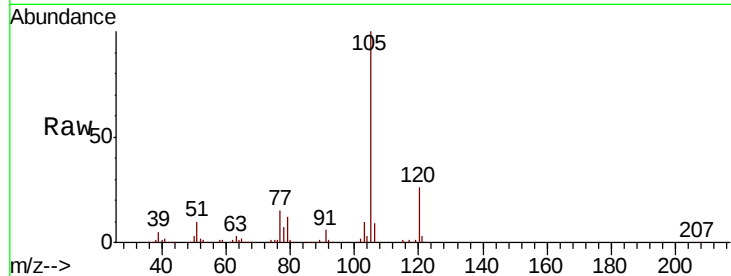




#73
Isopropylbenzene
Concen: 21.534 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

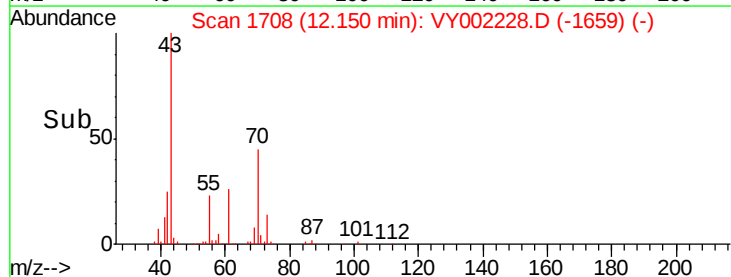
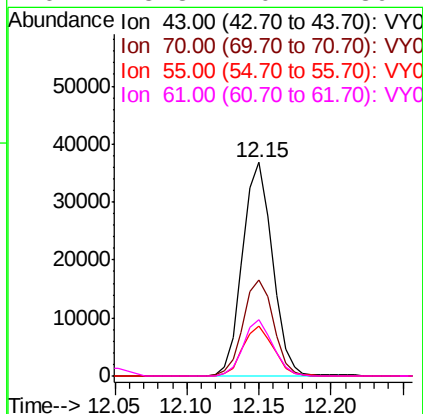
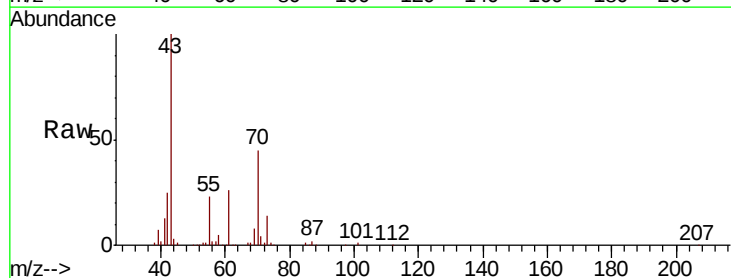
Instrument :
MSVOA_Y
ClientSampleId :

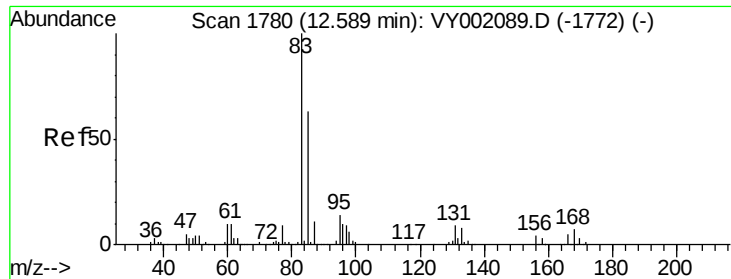
Tot Ion:105 Resp: 184093
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 19.757 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion: 43 Resp: 53271
Ion Ratio Lower Upper
43 100
70 45.5 35.0 52.4
55 23.9 18.7 28.1
61 25.8 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.632 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

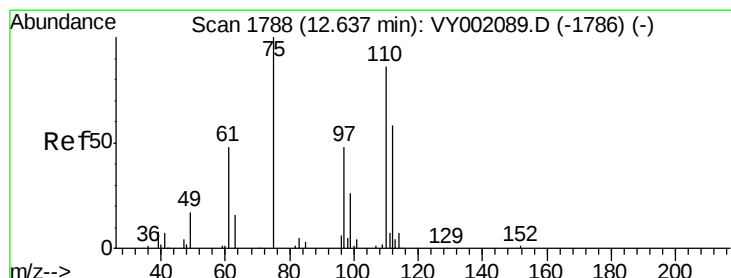
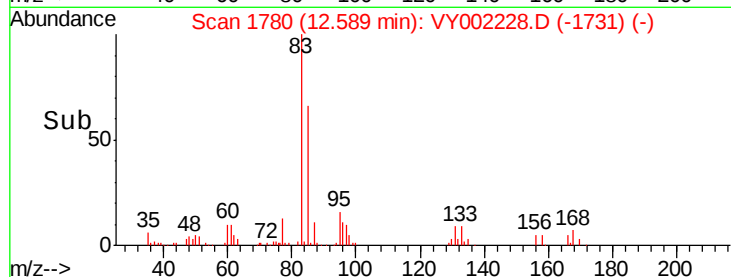
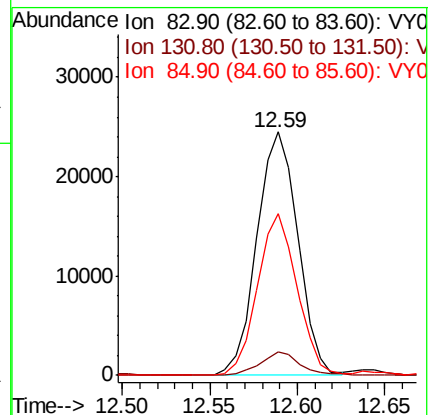
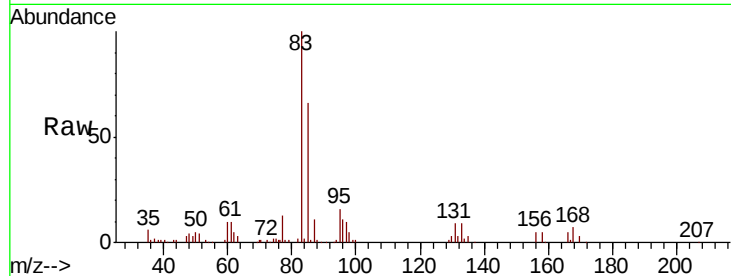
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 83 Resp: 39796

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	64.3	32.4	97.0



#76

1,2,3-Trichloropropane

Concen: 39.684 ug/l

RT: 12.64 min Scan# 1788

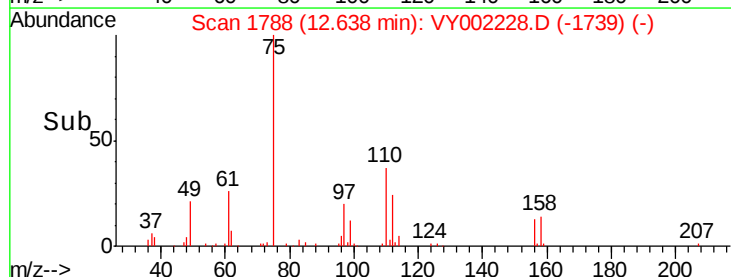
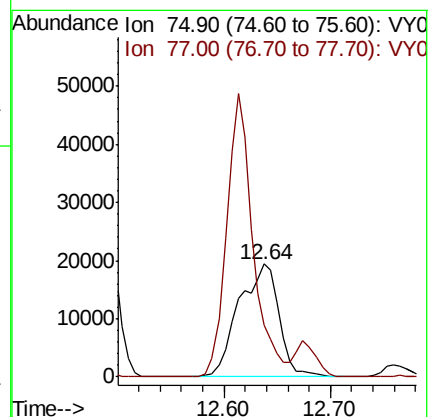
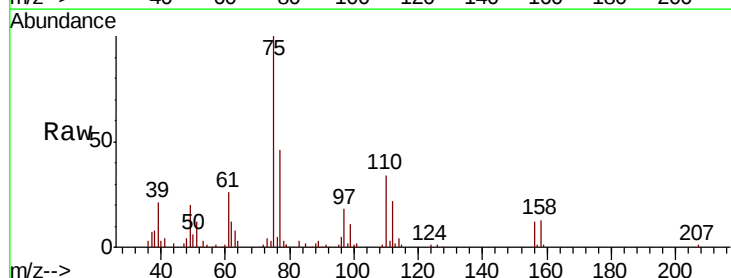
Delta R.T. 0.00 min

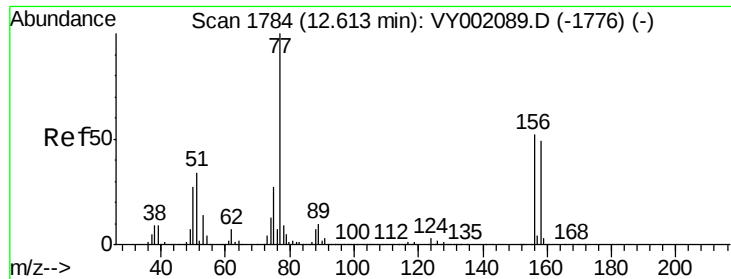
Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Tgt Ion: 75 Resp: 51158

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.550 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

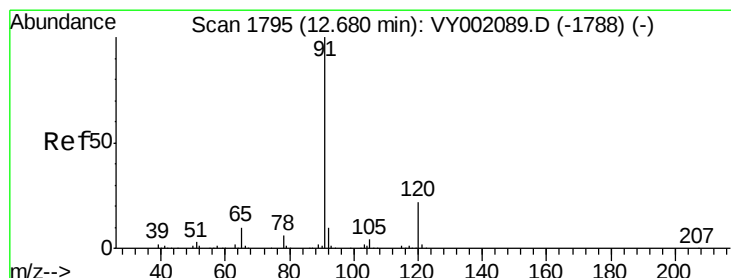
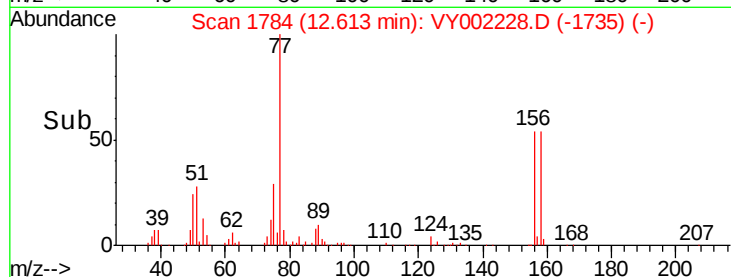
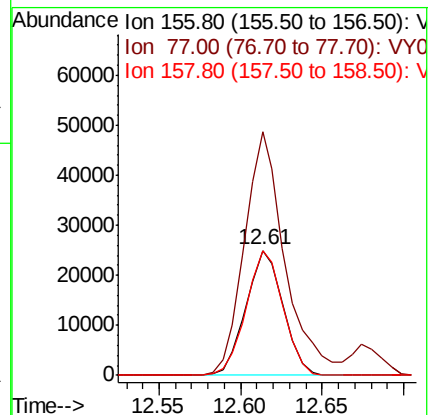
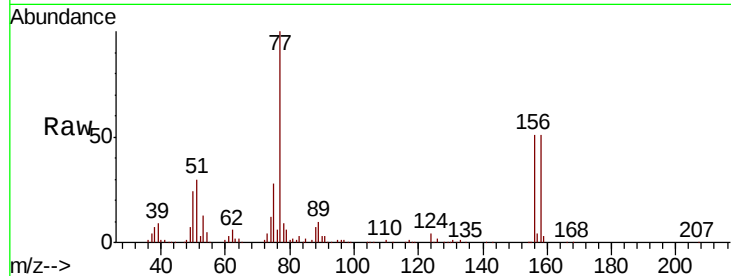
Tot Ion:156 Resp: 39329

Ion Ratio Lower Upper

156 100

77 212.3 107.8 323.6

158 100.0 47.5 142.6



#78

n-propylbenzene

Concen: 21.370 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002228.D

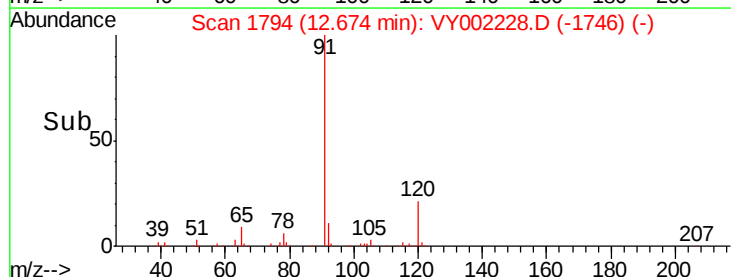
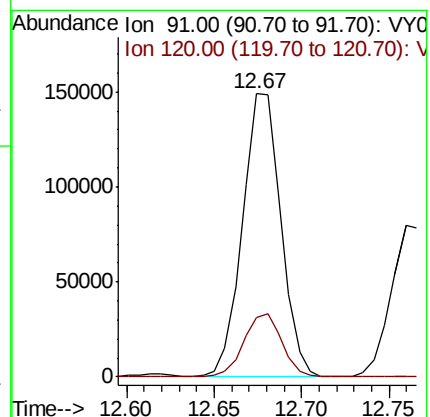
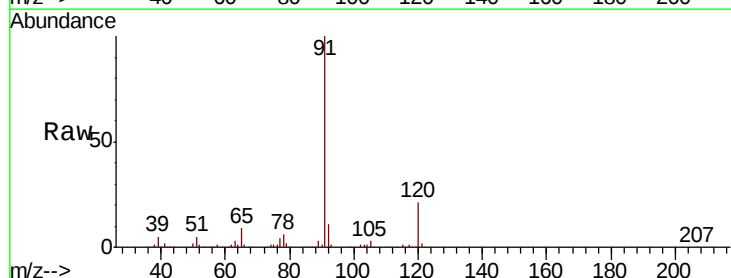
Acq: 06 Apr 2020 11:56

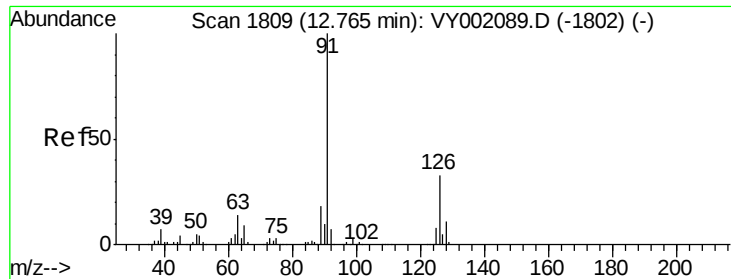
Tgt Ion: 91 Resp: 226717

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1

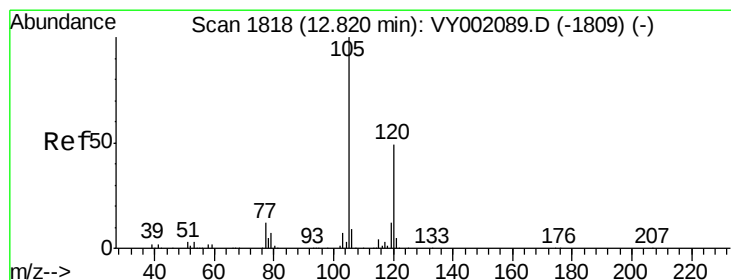
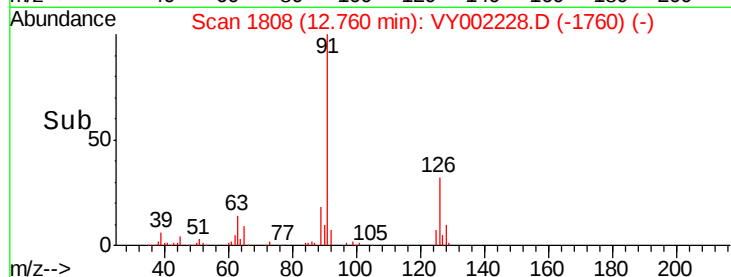
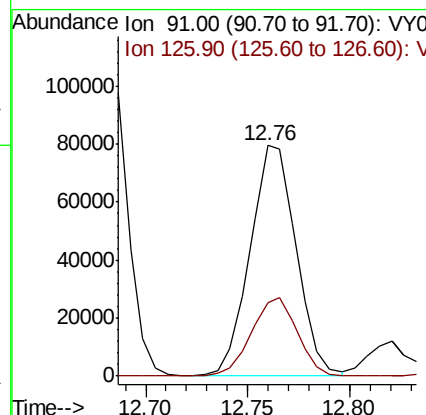
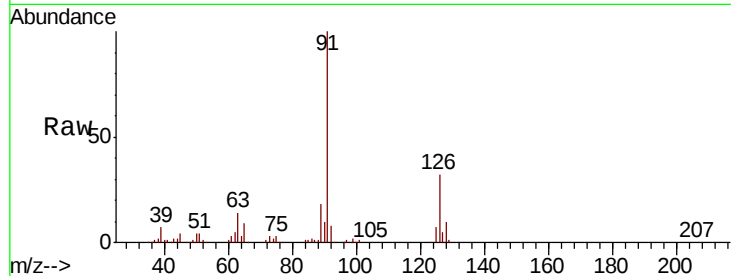




#79
2-Chlorotoluene
Concen: 21.426 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

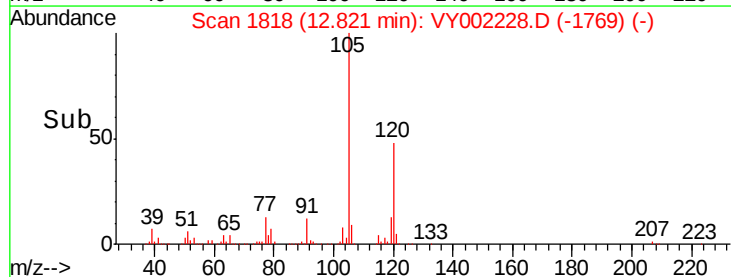
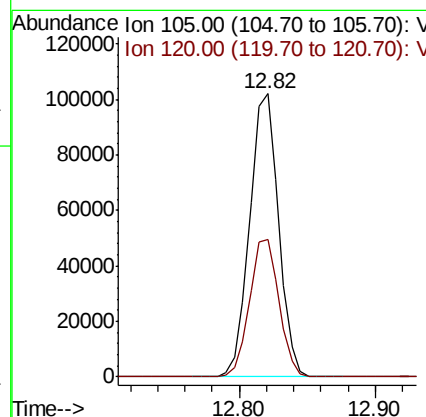
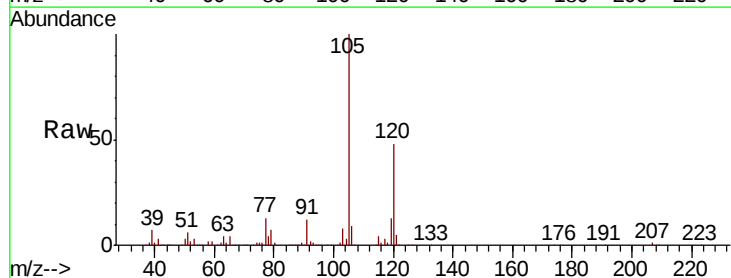
Instrument :
MSVOA_Y
ClientSampled :

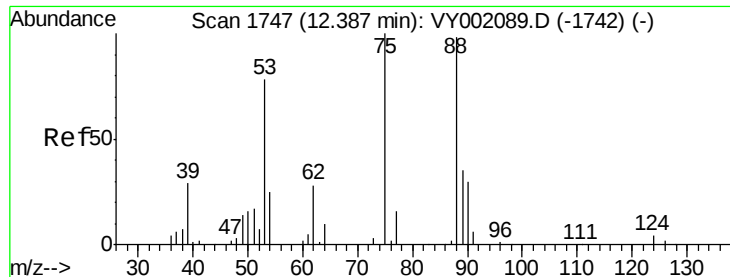
Tot Ion: 91 Resp: 124805
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 21.612 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:105 Resp: 152433
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.670 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

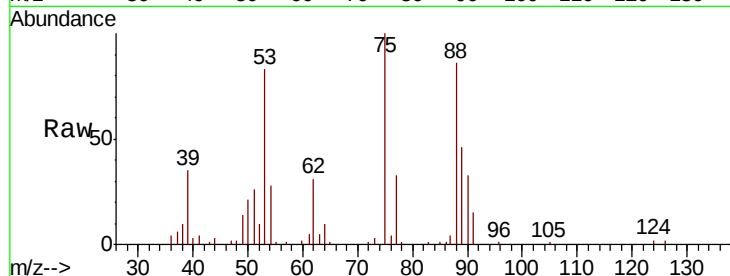
Tot Ion: 75 Resp: 13754

Ion Ratio Lower Upper

75 100

53 85.0 65.0 97.4

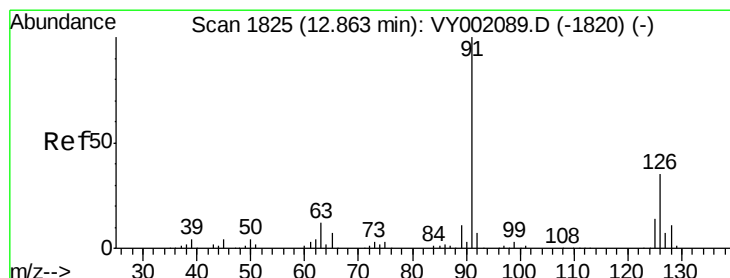
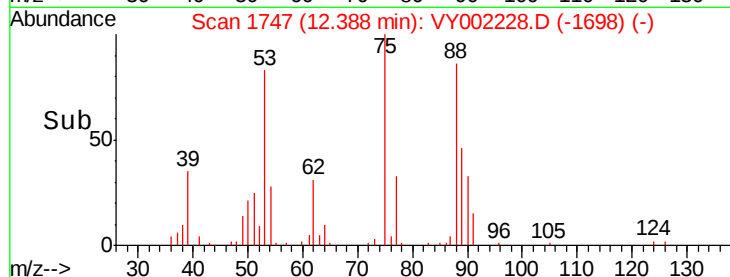
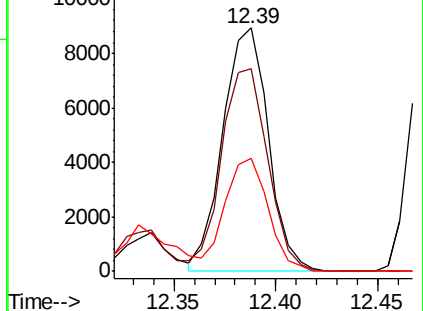
89 44.2 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY002228.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY002228.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY002228.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 21.371 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002228.D

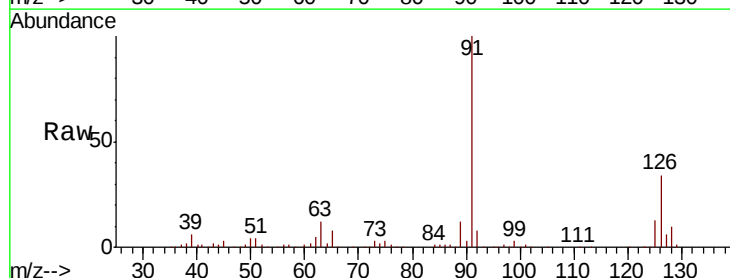
Acq: 06 Apr 2020 11:56

Tgt Ion: 91 Resp: 131183

Ion Ratio Lower Upper

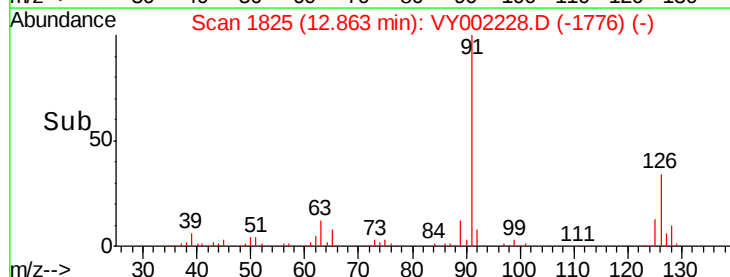
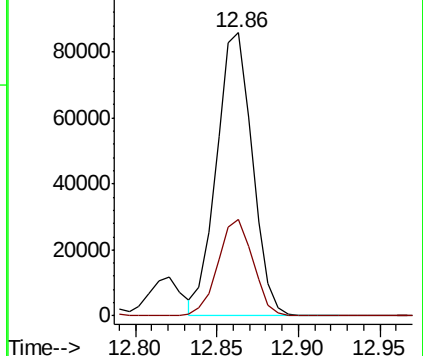
91 100

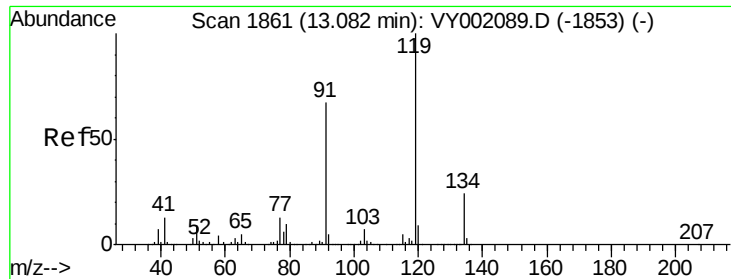
126 33.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY002228.D (-1820) (-)

Ion 125.90 (125.60 to 126.60): VY002228.D (-1820) (-)

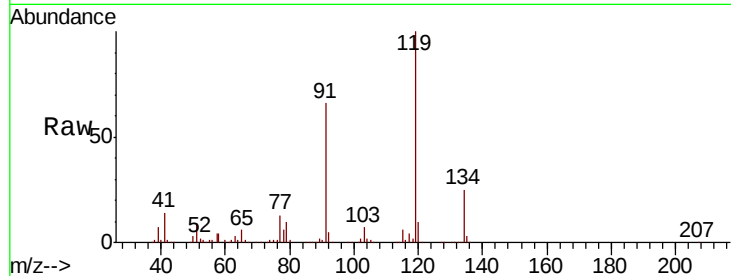




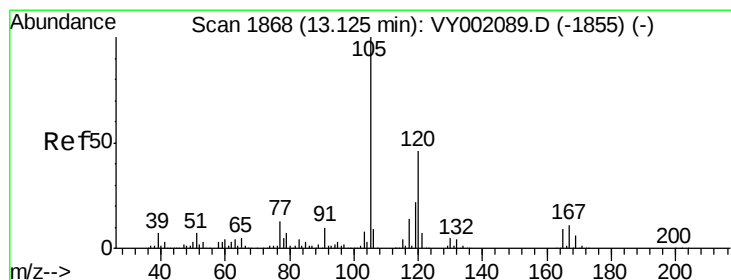
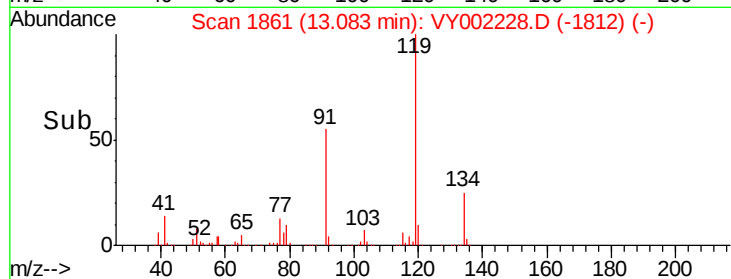
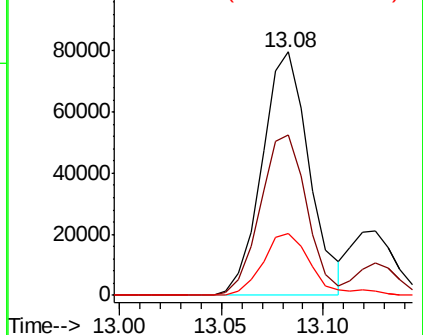
#83
 tert-Butylbenzene
 Concen: 21.802 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 128360
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.9 98.6
 134 26.4 13.0 38.9

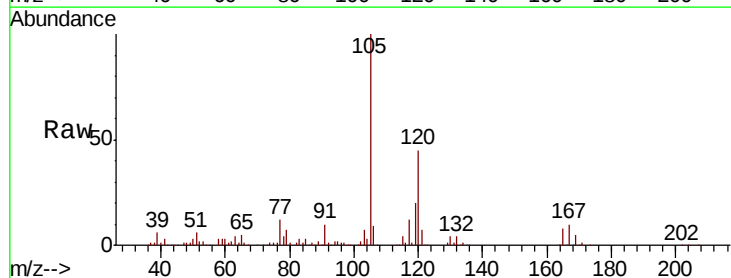


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

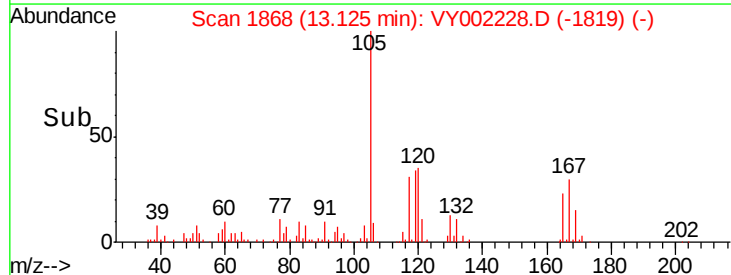
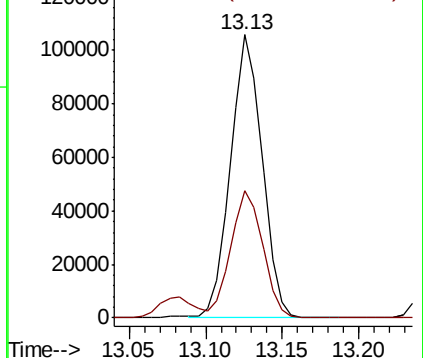


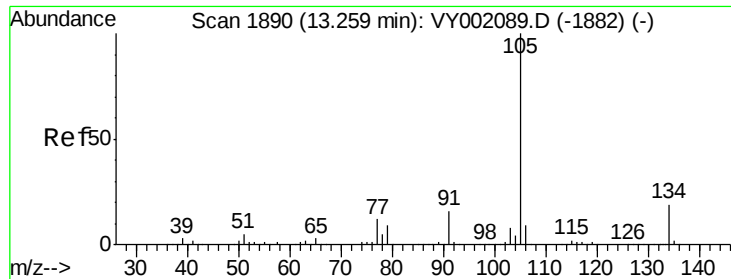
#84
 1,2,4-Trimethylbenzene
 Concen: 21.585 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion:105 Resp: 151901
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5



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





#85

sec-Butylbenzene

Concen: 21.788 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

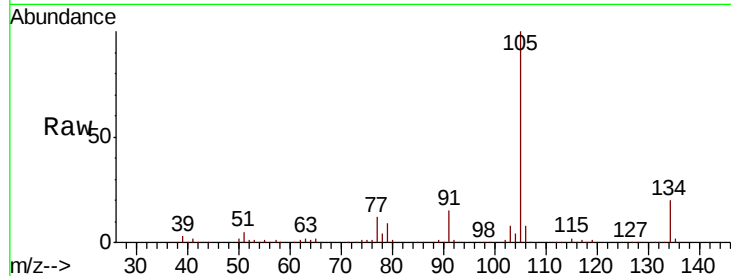
ClientSampleId :

Tot Ion:105 Resp: 189997

Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

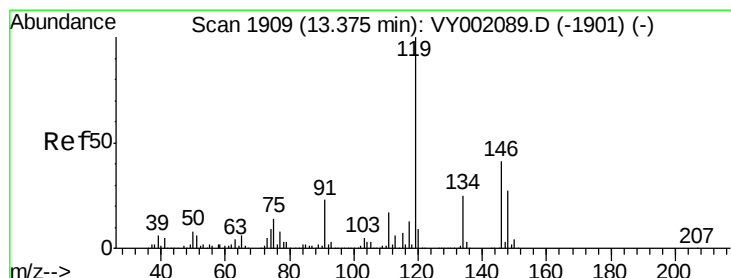
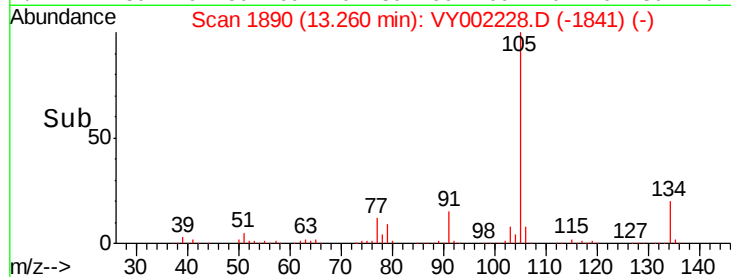
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.838 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

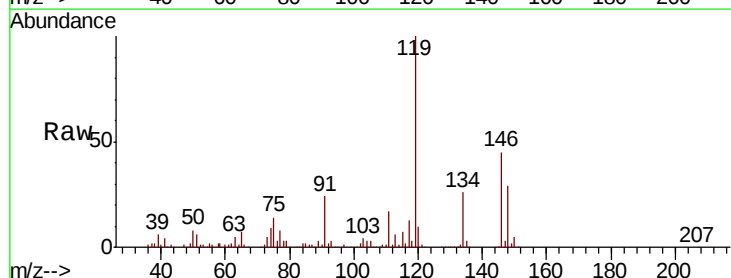
Tgt Ion:119 Resp: 163538

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 23.5 11.8 35.3



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

150000

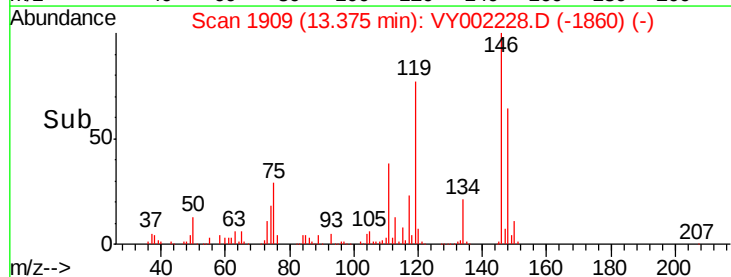
100000

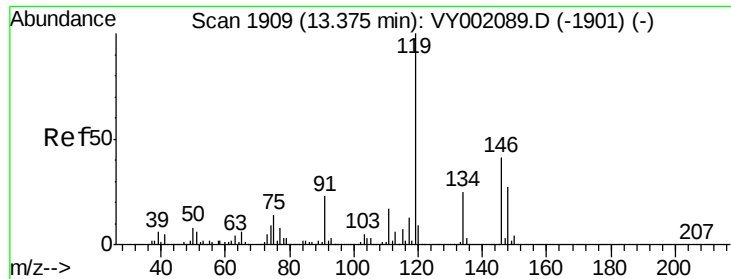
50000

0

13.30 13.35 13.40 13.45

Time-->

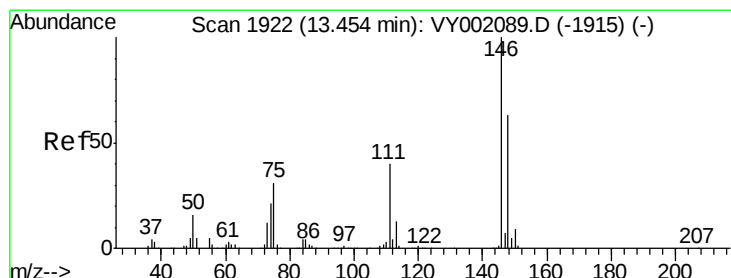
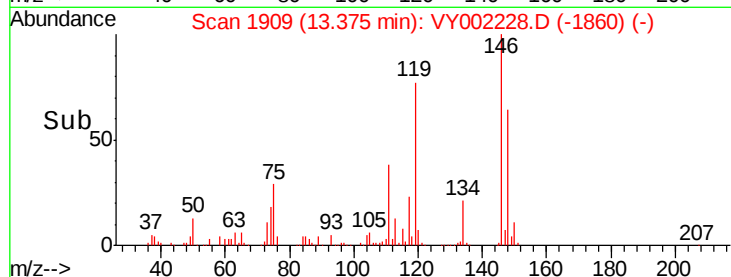
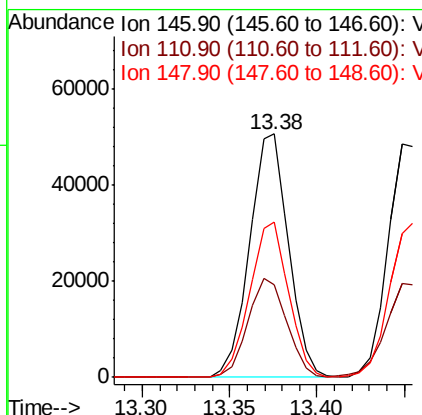
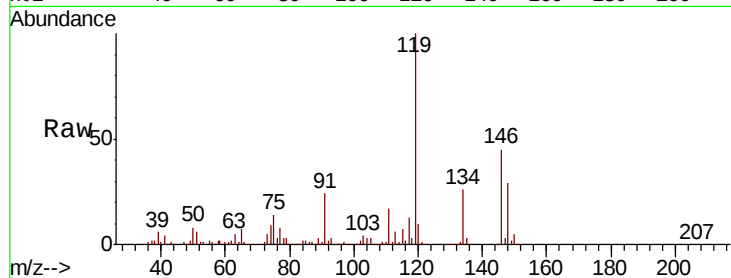




#87
 1,3-Dichlorobenzene
 Concen: 21.911 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

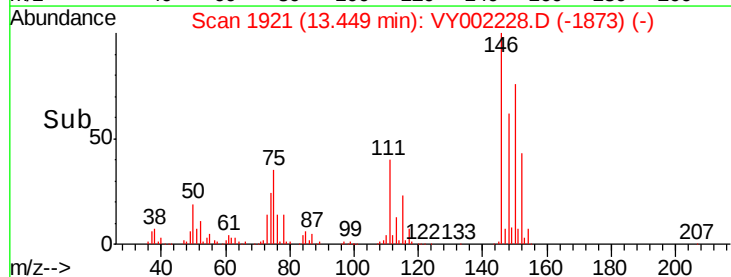
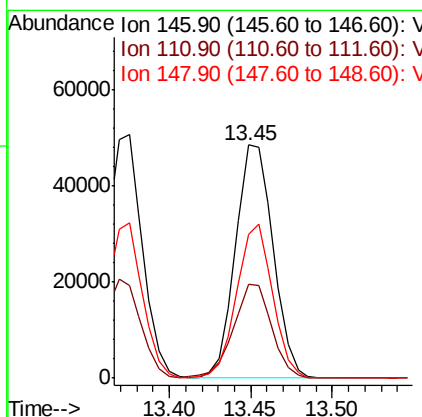
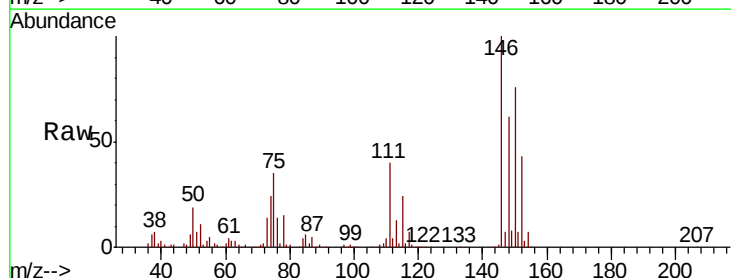
Instrument :
 MSVOA_Y
 ClientSampleId :

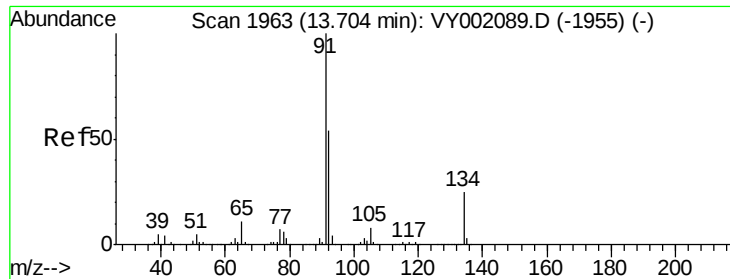
Tot Ion:146 Resp: 78227
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.9 62.8
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.745 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002228.D
 Acq: 06 Apr 2020 11:56

Tgt Ion:146 Resp: 78121
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 63.1 31.5 94.5





#89

n-Butylbenzene

Concen: 21.252 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampled :

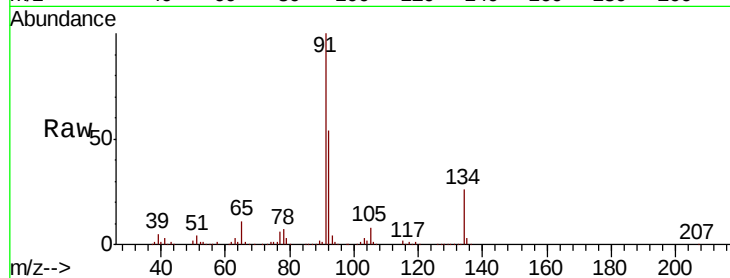
Tot Ion: 91 Resp: 165816

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

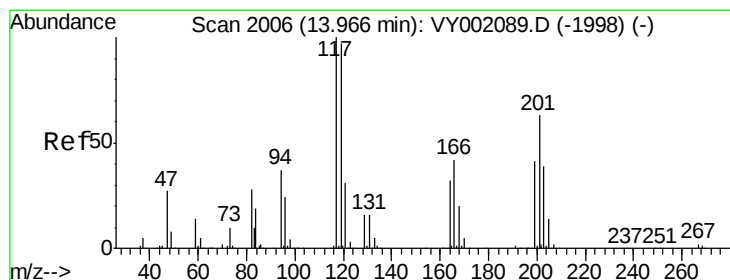
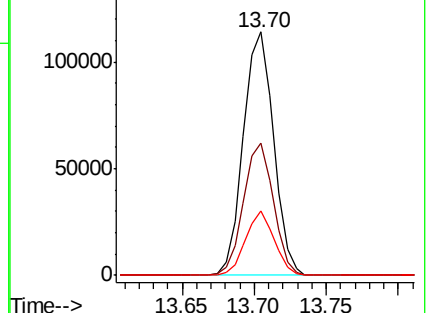
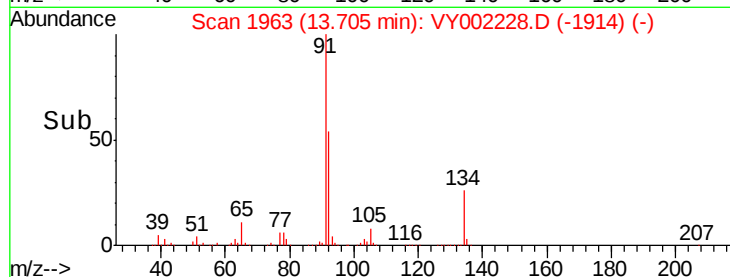
134 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002228.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002228.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002228.D (-1955) (-)



#90

Hexachloroethane

Concen: 21.549 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002228.D

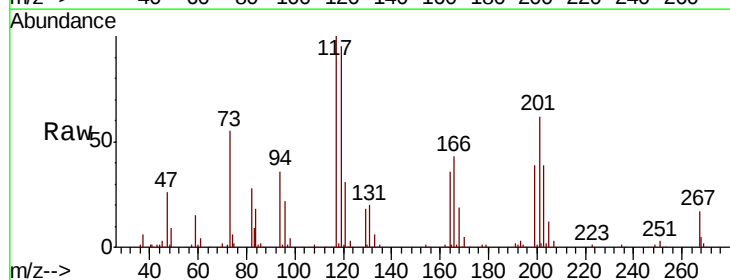
Acq: 06 Apr 2020 11:56

Tgt Ion: 117 Resp: 30408

Ion Ratio Lower Upper

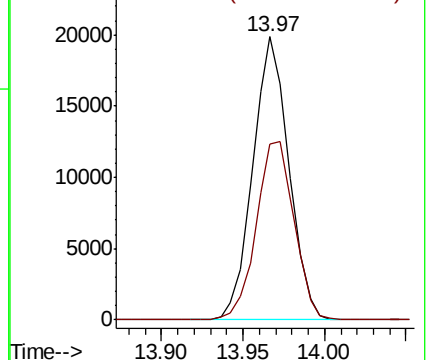
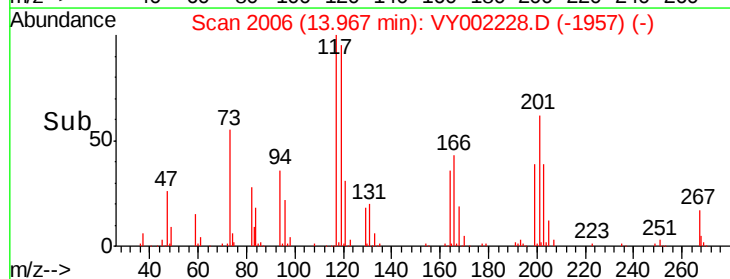
117 100

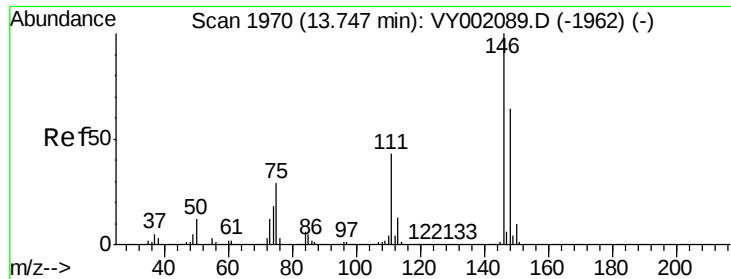
201 66.0 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002228.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002228.D (-1998) (-)





#91

1,2-Dichlorobenzene

Concen: 21.416 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

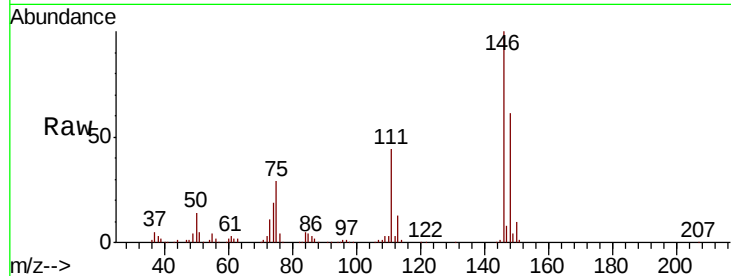
Tot Ion:146 Resp: 70610

Ion Ratio Lower Upper

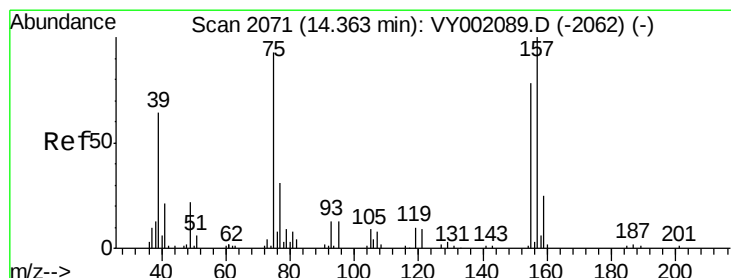
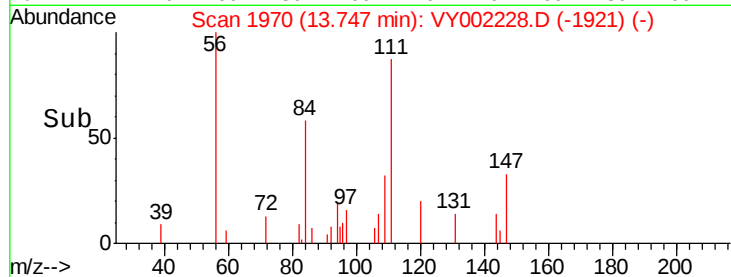
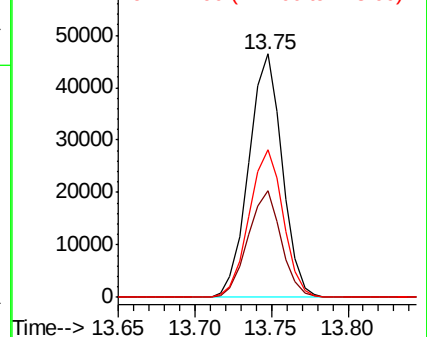
146 100

111 43.4 21.3 63.7

148 61.9 31.8 95.4



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: 20.032 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002228.D

Acq: 06 Apr 2020 11:56

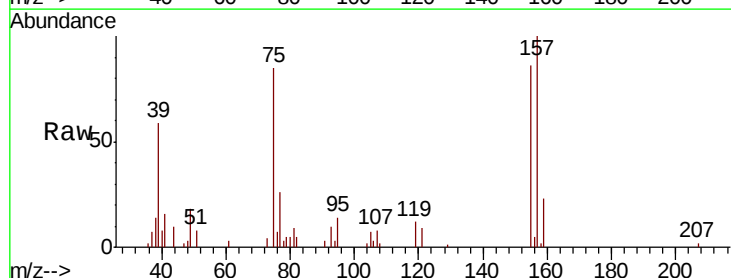
Tgt Ion: 75 Resp: 5903

Ion Ratio Lower Upper

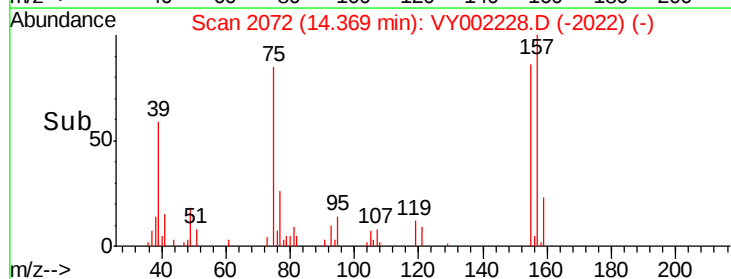
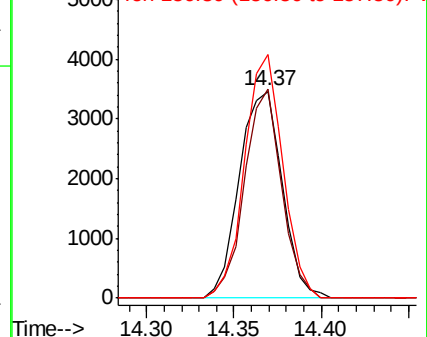
75 100

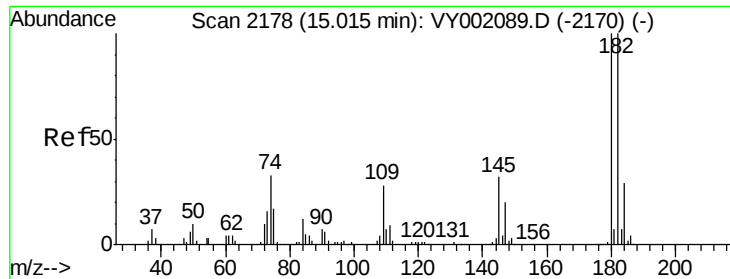
155 87.6 41.6 124.9

157 104.9 53.4 160.3



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

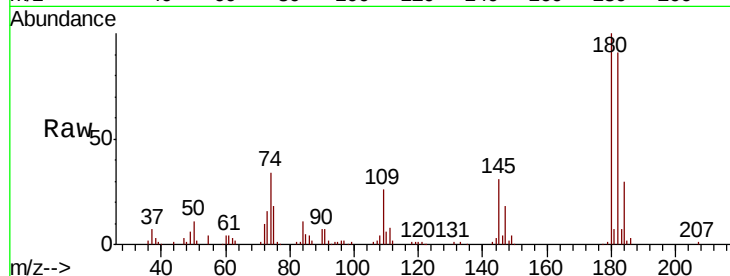




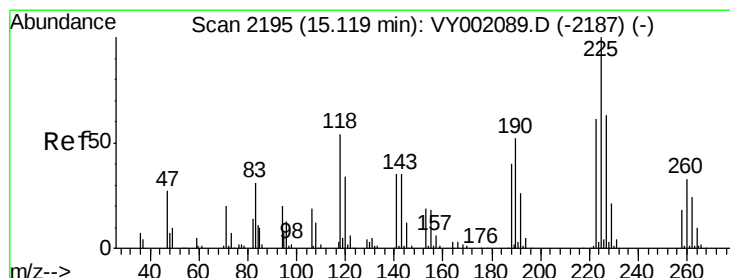
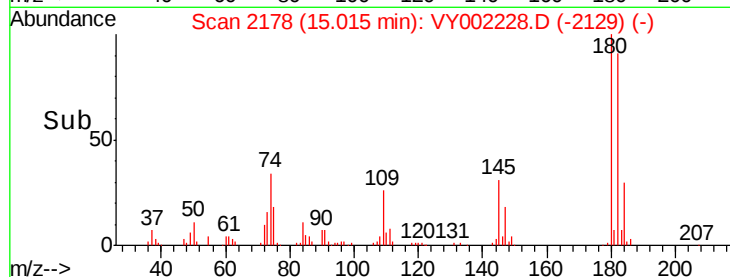
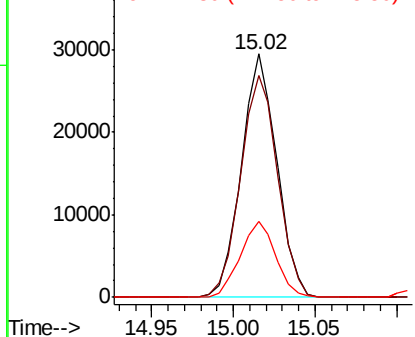
#93
1,2,4-Trichlorobenzene
Concen: 21.012 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 44652
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 31.3 15.9 47.6

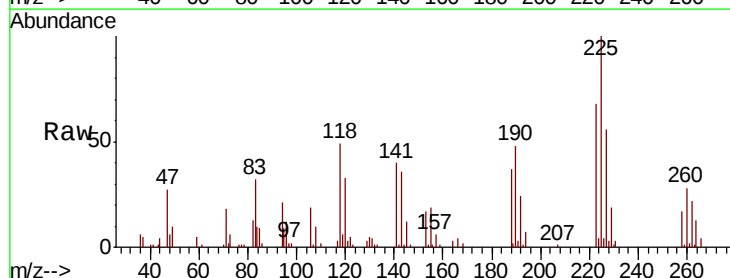


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

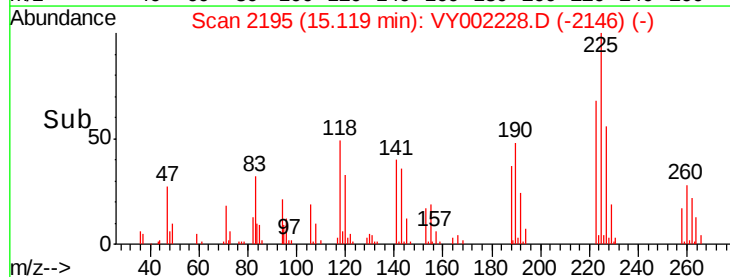
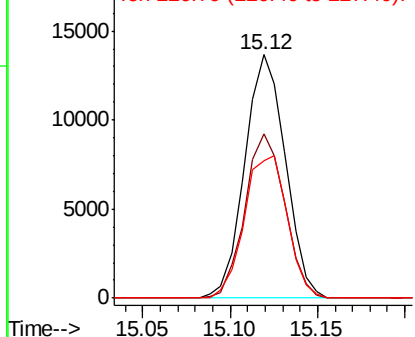


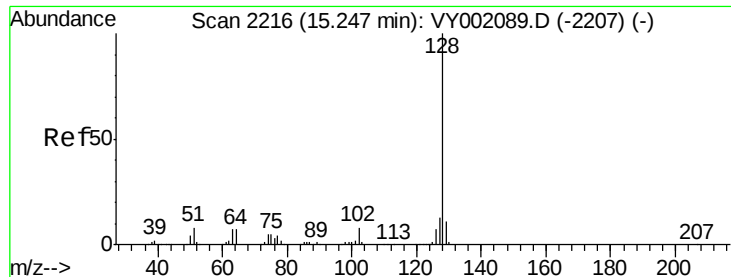
#94
Hexachlorobutadiene
Concen: 21.019 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:225 Resp: 22048
Ion Ratio Lower Upper
225 100
223 66.5 31.1 93.3
227 61.9 31.6 94.7



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

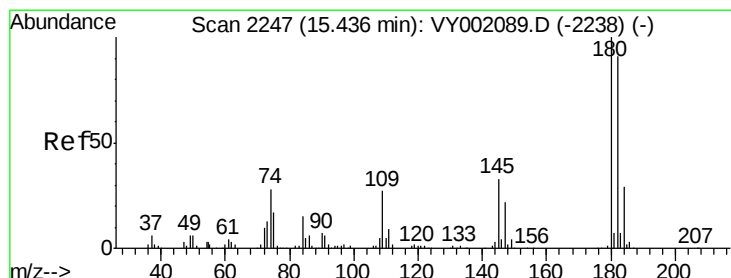
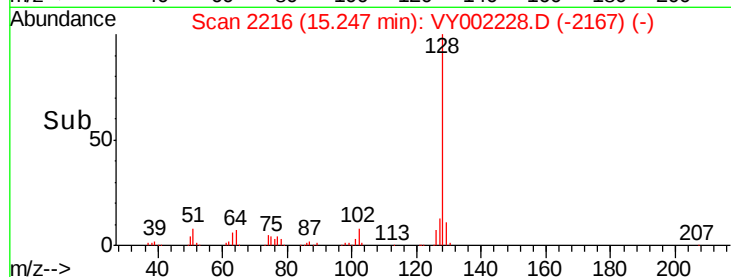
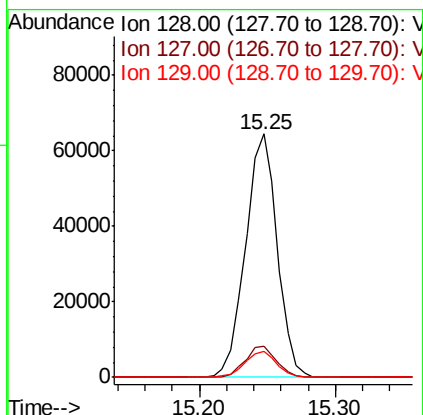
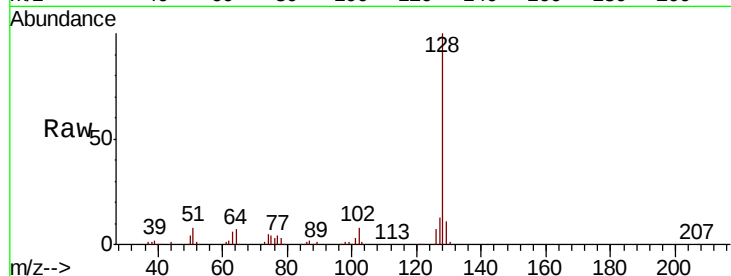




#95
Naphthalene
Concen: 20.784 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 104906
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.838 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002228.D
Acq: 06 Apr 2020 11:56

Tgt Ion:180 Resp: 40156
Ion Ratio Lower Upper
180 100
182 93.2 46.8 140.3
145 34.0 16.7 50.1

