

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002490.D
 Acq On : 28 Apr 2020 13:35
 Operator : SY/MD
 Sample : VY0428SBS02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 15:10:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	327027	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	479496	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	428006	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	223267	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	121917	42.65	ug/l	-0.02
Spiked Amount			Recovery	=	85.30%	
35) Dibromofluoromethane	7.73	113	129084	47.73	ug/l	-0.02
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	10.18	98	496120	45.64	ug/l	-0.02
Spiked Amount			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.48	95	173514	47.57	ug/l	-0.01
Spiked Amount			Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	47256	19.731	ug/l	97
3) Chloromethane	2.12	50	58270	19.122	ug/l	100
4) Vinyl Chloride	2.26	62	36314	16.589	ug/l	99
5) Bromomethane	2.65	94	26970	21.952	ug/l	96
6) Chloroethane	2.80	64	20863	19.954	ug/l	99
7) Trichlorofluoromethane	3.13	101	75633	19.054	ug/l	95
8) Diethyl Ether	3.54	74	20502	12.530	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41201	15.079	ug/l	95
10) Methyl Iodide	4.10	142	71634	16.994	ug/l	98
11) Tert butyl alcohol	4.97	59	27819	103.407	ug/l	97
12) 1,1-Dichloroethene	3.88	96	40899	14.609	ug/l	95
13) Acrolein	3.74	56	11057	51.343	ug/l	96
14) Allyl chloride	4.49	41	84886	20.633	ug/l	98
15) Acrylonitrile	5.18	53	77381	98.845	ug/l	99
16) Acetone	3.96	43	43688	73.137	ug/l	94
17) Carbon Disulfide	4.21	76	154475	17.696	ug/l	98
18) Methyl Acetate	4.49	43	36373	18.923	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	155657	20.605	ug/l	99
20) Methylene Chloride	4.72	84	72639	21.299	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	64590	20.493	ug/l	96
22) Diisopropyl ether	6.14	45	166350	20.450	ug/l	94
23) Vinyl Acetate	6.08	43	527666	102.085	ug/l	98
24) 1,1-Dichloroethane	6.04	63	102212	20.754	ug/l	99
25) 2-Butanone	7.00	43	90015	98.362	ug/l	96
26) 2,2-Dichloropropane	7.00	77	102102	21.678	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	71042	20.723	ug/l	98
28) Bromochloromethane	7.35	49	38157	19.860	ug/l	95
29) Tetrahydrofuran	7.36	42	59283	97.708	ug/l	100
30) Chloroform	7.52	83	101604	19.376	ug/l	98
31) Cyclohexane	7.79	56	97021	19.701	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	103667	20.922	ug/l	99
36) 1,1-Dichloropropene	7.93	75	79526	19.342	ug/l	99
37) Ethyl Acetate	7.09	43	41600	20.140	ug/l	99
38) Carbon Tetrachloride	7.91	117	94207	19.925	ug/l	99

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 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 15:10:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	110505	20.604	ug/l	99
40) Benzene	8.17	78	231266	19.461	ug/l	99
41) Methacrylonitrile	7.36	41	55313	43.466	ug/l #	40
42) 1,2-Dichloroethane	8.25	62	66920	19.386	ug/l	100
43) Isopropyl Acetate	8.28	43	76298	19.750	ug/l	99
44) Trichloroethene	8.94	130	79122	21.294	ug/l	99
45) 1,2-Dichloropropane	9.22	63	56492	20.626	ug/l	95
46) Dibromomethane	9.32	93	32946	20.561	ug/l	99
47) Bromodichloromethane	9.50	83	83167	20.755	ug/l	99
48) Methyl methacrylate	9.30	41	34781	19.722	ug/l	96
49) 1,4-Dioxane	9.30	88	7532	368.837	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	203056	101.193	ug/l	98
52) Toluene	10.25	92	159526	20.854	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	87991	20.909	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	99898	20.740	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	48816	20.604	ug/l	97
56) Ethyl methacrylate	10.51	69	65578	20.257	ug/l	98
57) 1,3-Dichloropropane	10.79	76	82443	20.611	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	156275	99.826	ug/l	99
59) 2-Hexanone	10.83	43	137372	98.215	ug/l	100
60) Dibromochloromethane	10.99	129	65950	21.244	ug/l	98
61) 1,2-Dibromoethane	11.09	107	49223	20.952	ug/l	97
64) Tetrachloroethene	10.72	164	85497	21.796	ug/l	99
65) Chlorobenzene	11.52	112	178698	21.657	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	66648	21.527	ug/l	99
67) Ethyl Benzene	11.60	91	313615	21.326	ug/l	99
68) m/p-Xylenes	11.70	106	241457	42.652	ug/l	98
69) o-Xylene	12.03	106	113045	21.563	ug/l	100
70) Styrene	12.05	104	197344	21.619	ug/l	98
71) Bromoform	12.21	173	41341	21.196	ug/l #	99
73) Isopropylbenzene	12.33	105	316866	21.229	ug/l	100
74) N-amyl acetate	12.14	43	64755	18.308	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	45753	19.958	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	71883	37.987	ug/l #	100
77) Bromobenzene	12.61	156	79382	21.205	ug/l	99
78) n-propylbenzene	12.67	91	363486	20.973	ug/l	100
79) 2-Chlorotoluene	12.76	91	198037	20.883	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	266319	21.022	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20285	19.837	ug/l	96
82) 4-Chlorotoluene	12.86	91	211383	21.567	ug/l	100
83) tert-Butylbenzene	13.08	119	231630	21.055	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	259143	21.321	ug/l	100
85) sec-Butylbenzene	13.25	105	307509	20.875	ug/l	99
86) p-Isopropyltoluene	13.37	119	299918	21.349	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	147288	21.272	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	149125	21.660	ug/l	99
89) n-Butylbenzene	13.70	91	273323	21.091	ug/l	99
90) Hexachloroethane	13.96	117	42972	16.924	ug/l	92
91) 1,2-Dichlorobenzene	13.74	146	128786	21.598	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9095	19.984	ug/l	99

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 28 15:10:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

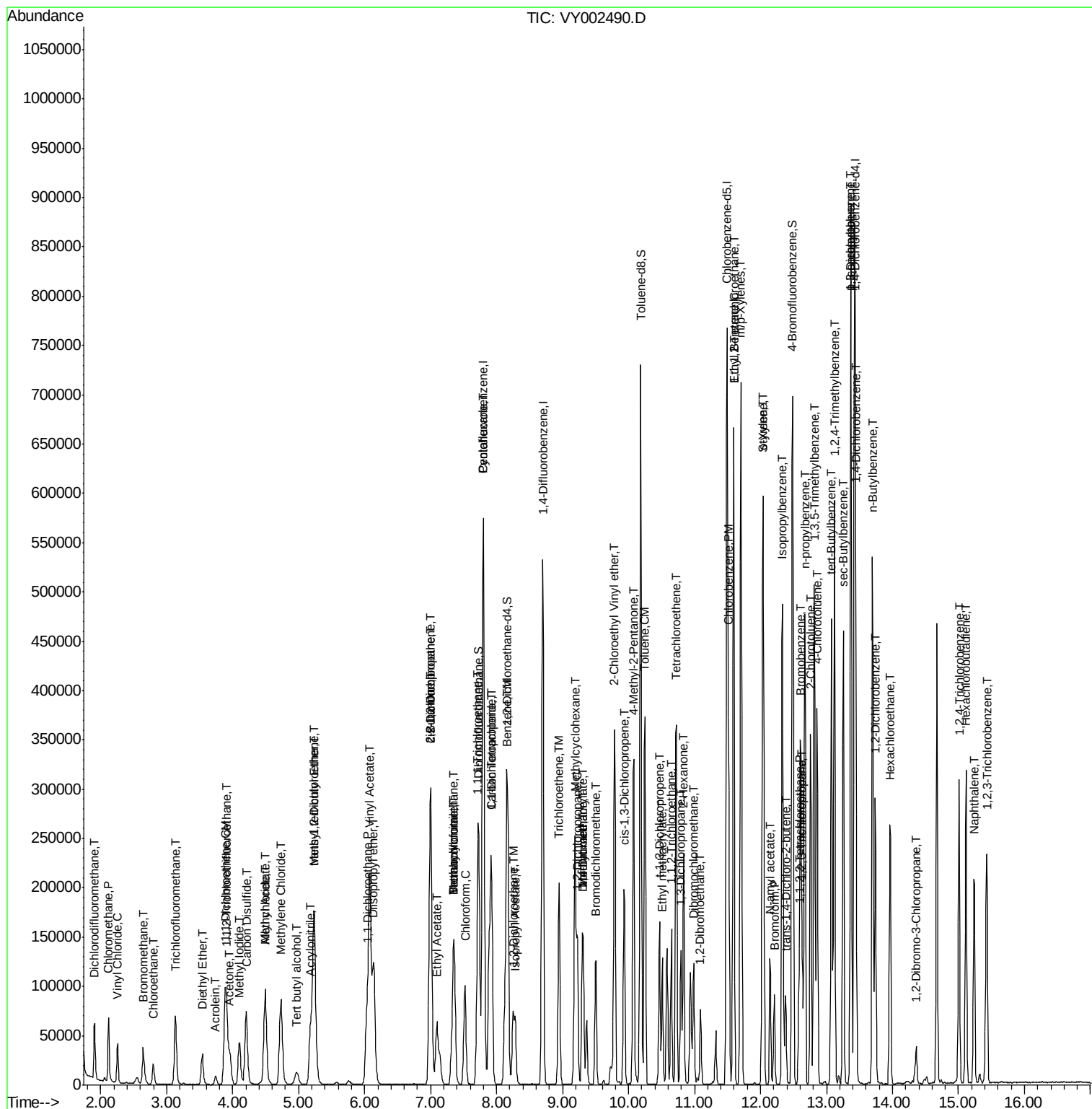
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	100659	21.389	ug/l	99
94) Hexachlorobutadiene	15.11	225	62143	21.880	ug/l	99
95) Naphthalene	15.23	128	176489	20.221	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	84780	21.239	ug/l	100

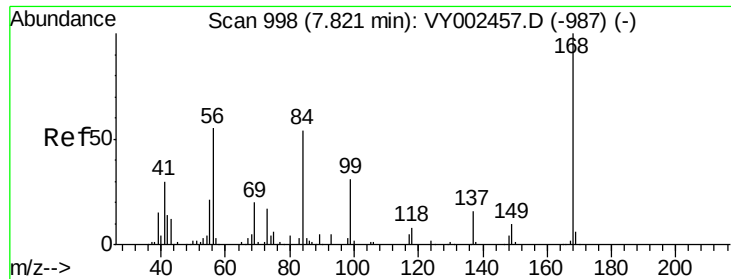
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002490.D
 Acq On : 28 Apr 2020 13:35
 Operator : SY/MD
 Sample : VY0428SBS02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Apr 28 15:10:51 2020
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

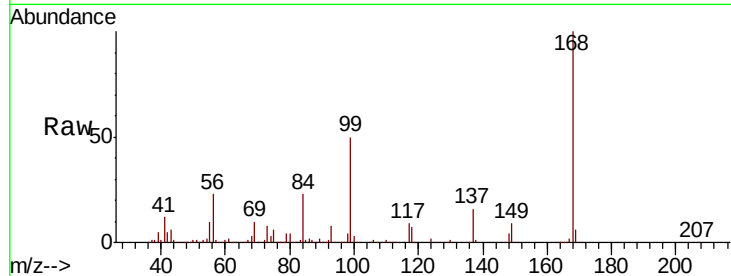
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 327027

Ion Ratio Lower Upper

168 100

99 49.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.80

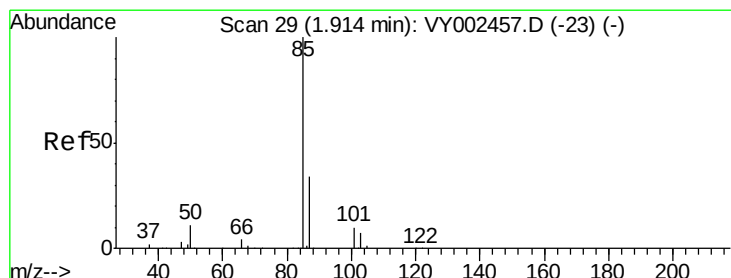
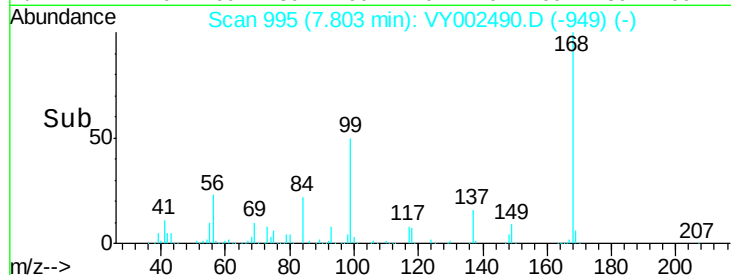
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.731 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002490.D

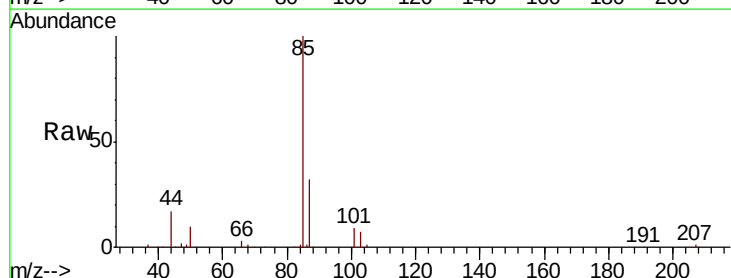
Acq: 28 Apr 2020 13:35

Tgt Ion: 85 Resp: 47256

Ion Ratio Lower Upper

85 100

87 32.2 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

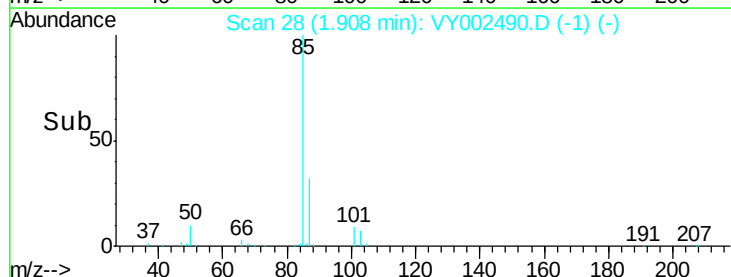
30000

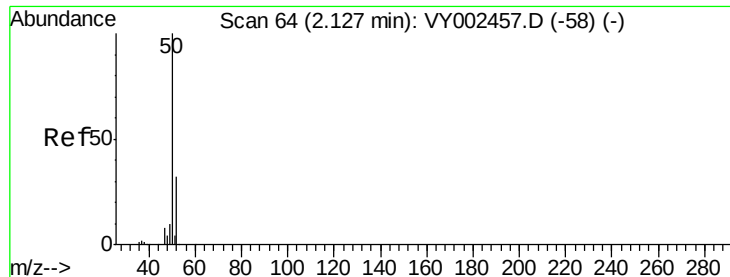
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.122 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

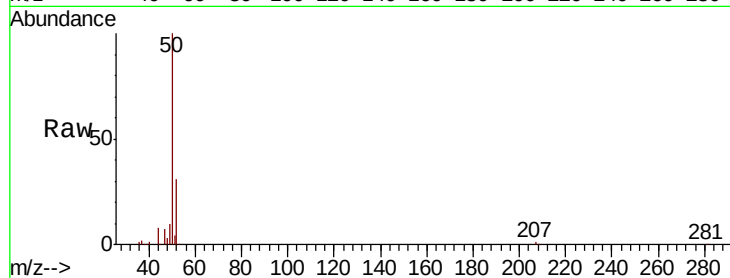
ClientSampleId :

Tot Ion: 50 Resp: 58270

Ion Ratio Lower Upper

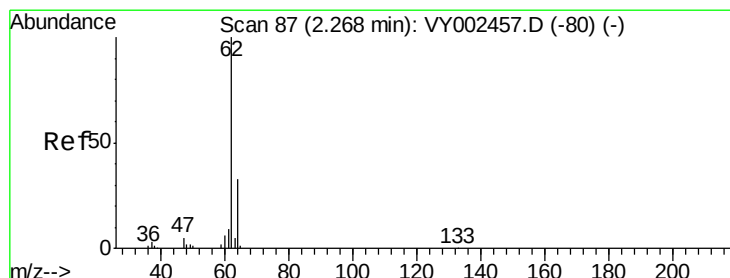
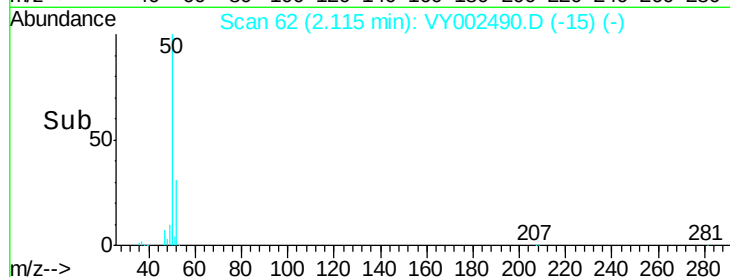
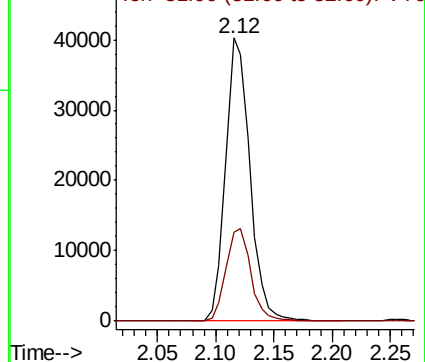
50 100

52 31.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 16.589 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002490.D

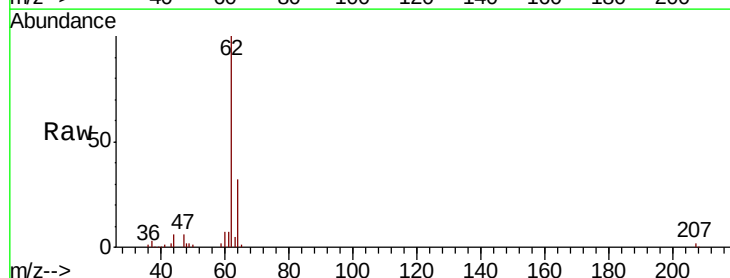
Acq: 28 Apr 2020 13:35

Tgt Ion: 62 Resp: 36314

Ion Ratio Lower Upper

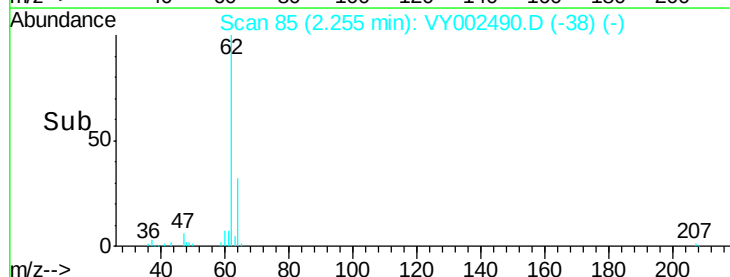
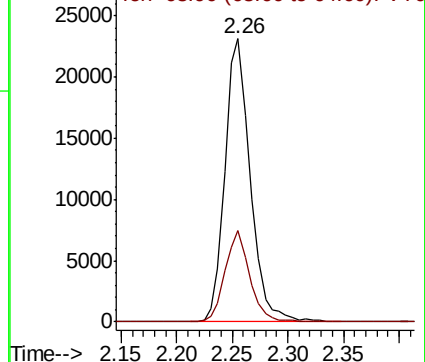
62 100

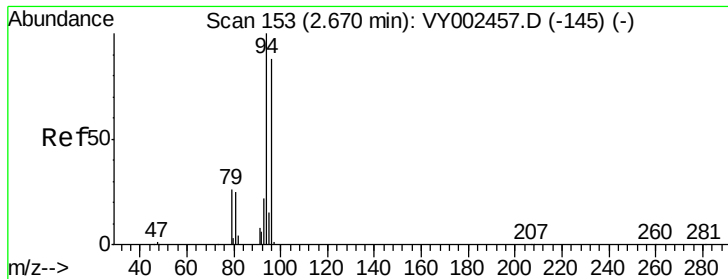
64 32.5 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.952 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

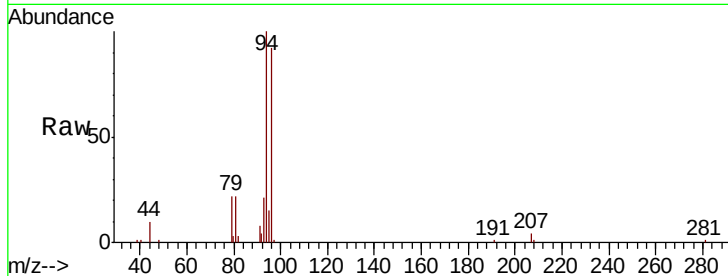
ClientSampleId :

Tot Ion: 94 Resp: 26970

Ion Ratio Lower Upper

94 100

96 91.5 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

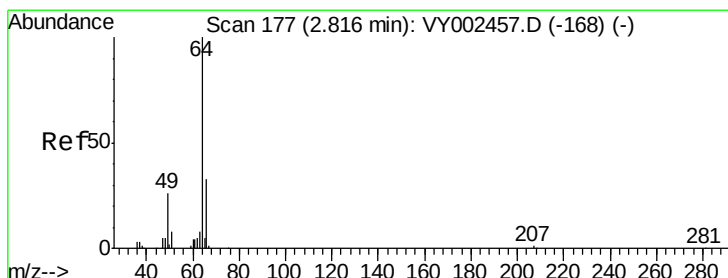
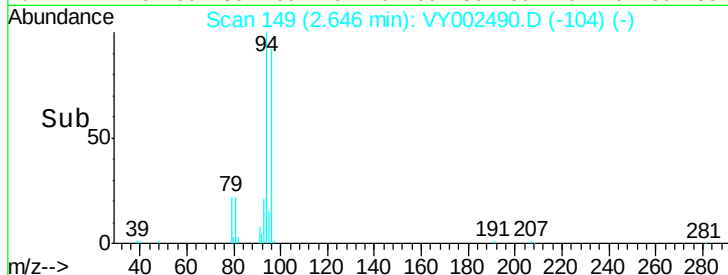
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.954 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY002490.D

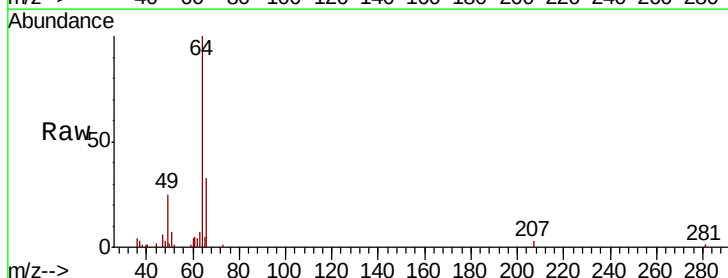
Acq: 28 Apr 2020 13:35

Tgt Ion: 64 Resp: 20863

Ion Ratio Lower Upper

64 100

66 32.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

10000

8000

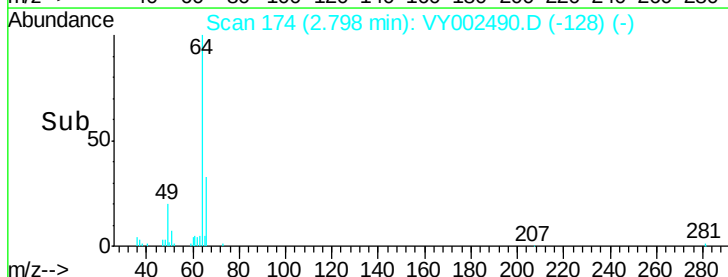
6000

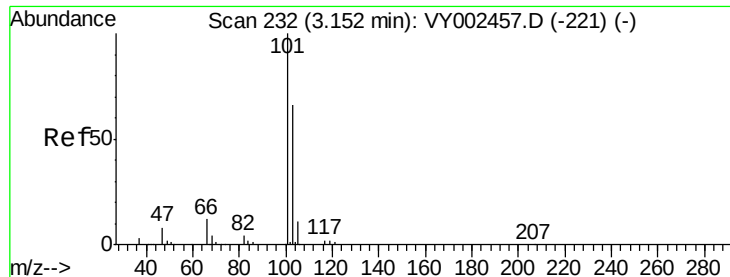
4000

2000

0

Time-->



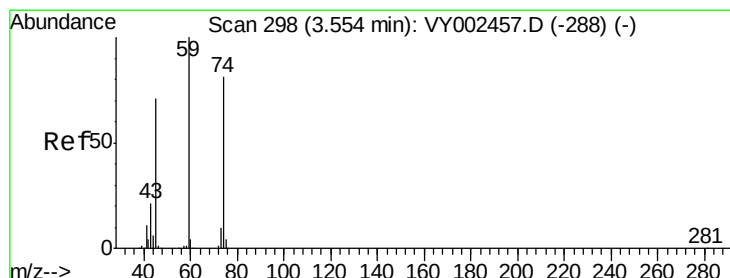
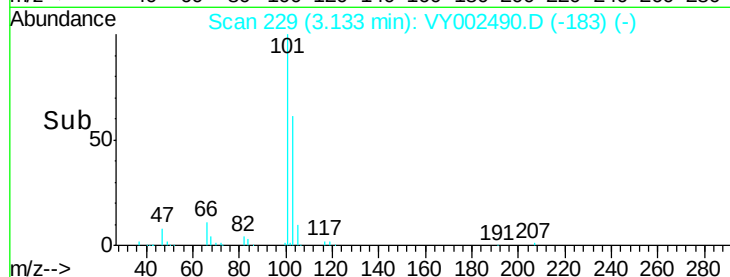
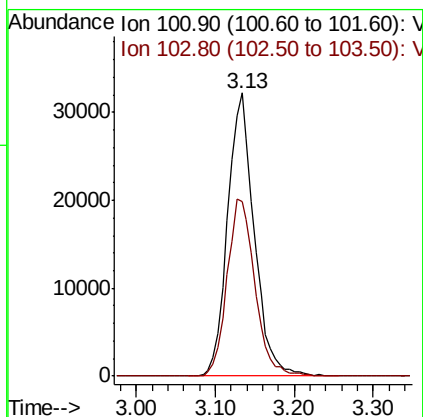
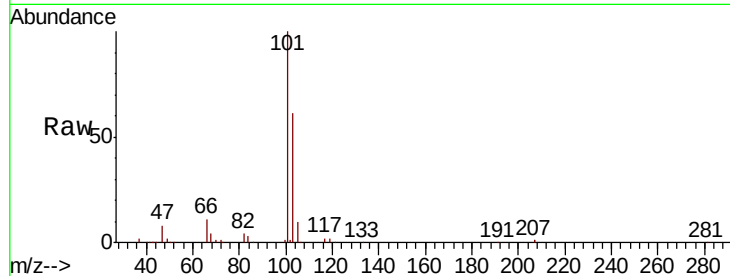


#7

Trichlorofluoromethane
Concen: 19.054 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

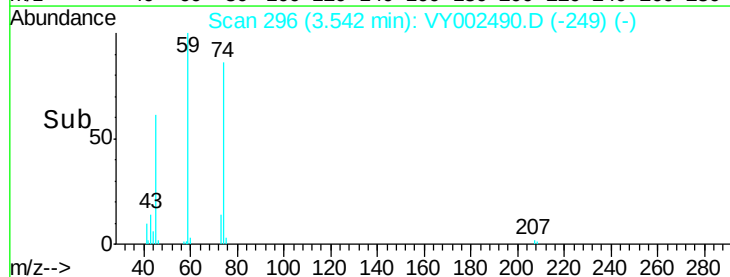
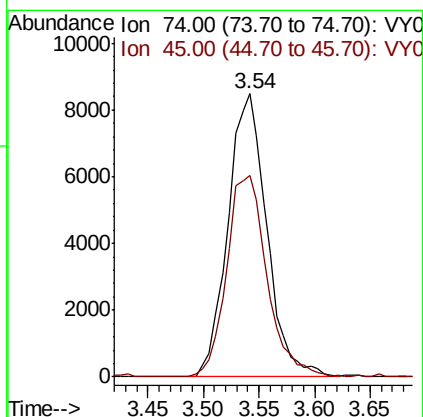
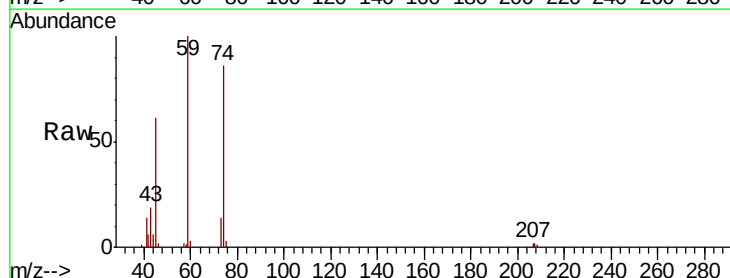
Tot Ion:101 Resp: 75633
Ion Ratio Lower Upper
101 100
103 61.5 52.5 78.7

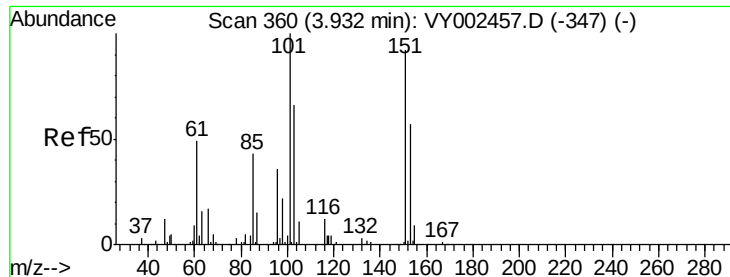


#8

Diethyl Ether
Concen: 12.530 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 74 Resp: 20502
Ion Ratio Lower Upper
74 100
45 73.8 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.079 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

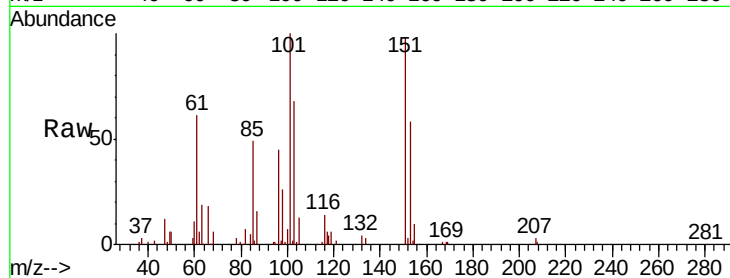
Tot Ion:101 Resp: 41201

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

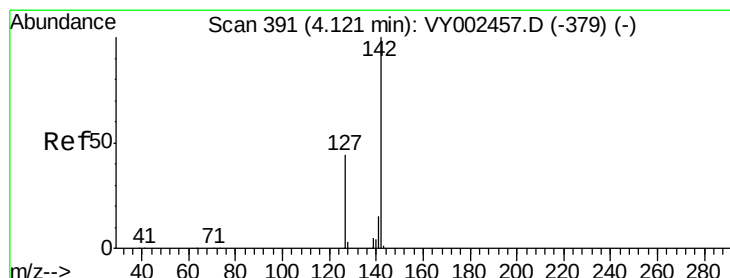
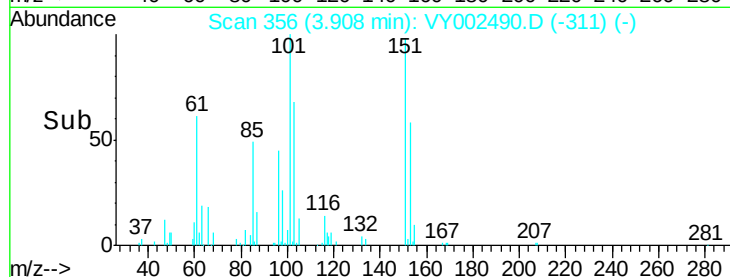
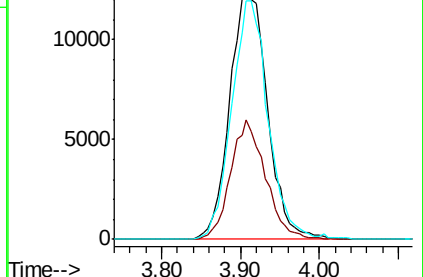
151 93.0 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.994 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

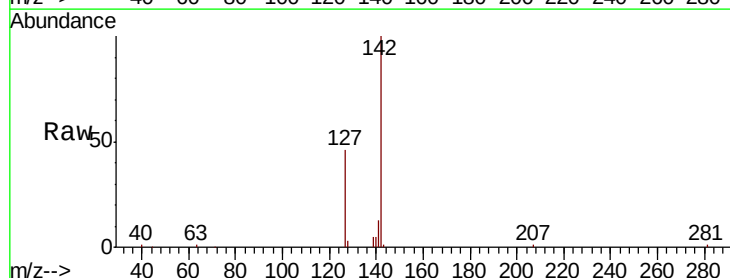
Tgt Ion:142 Resp: 71634

Ion Ratio Lower Upper

142 100

127 46.1 35.8 53.8

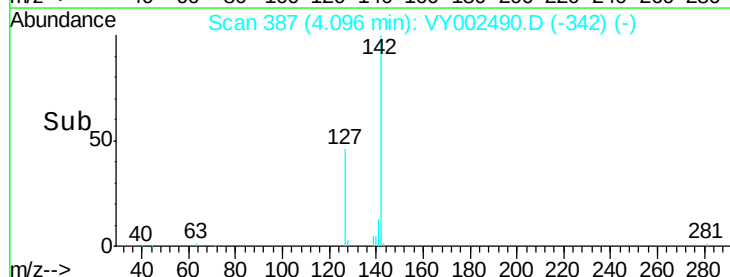
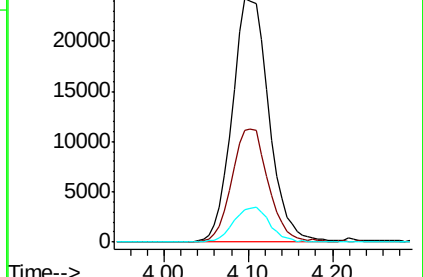
141 14.0 11.6 17.4

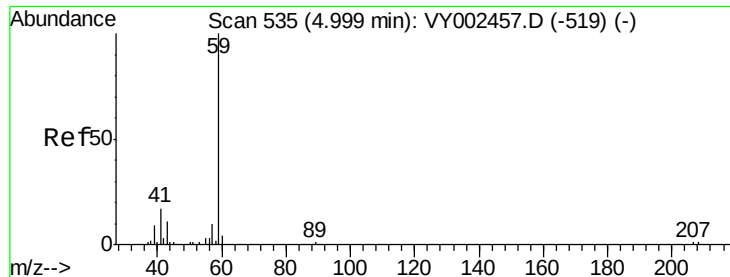


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

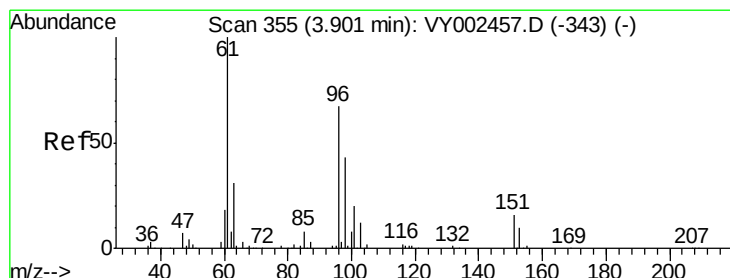
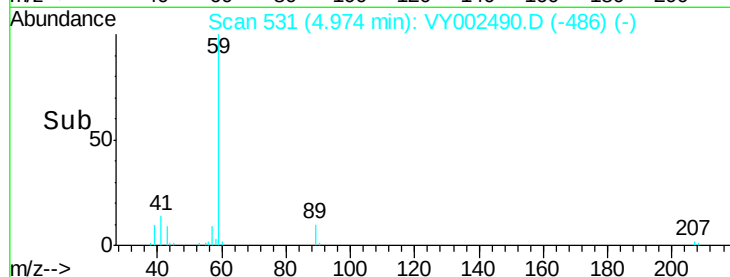
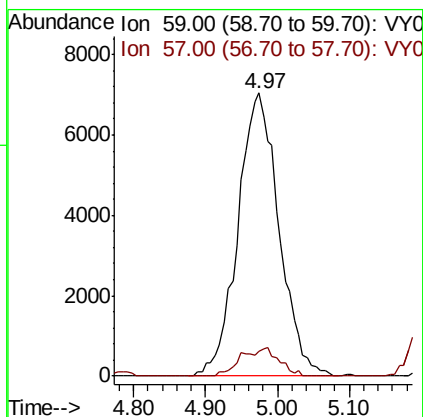
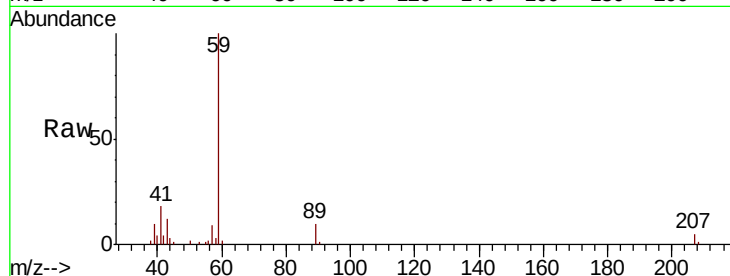




#11
Tert butyl alcohol
Concen: 103.407 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

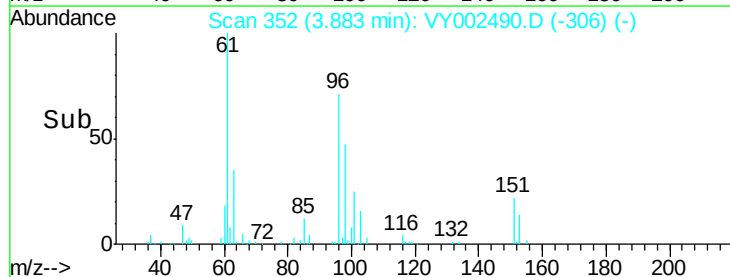
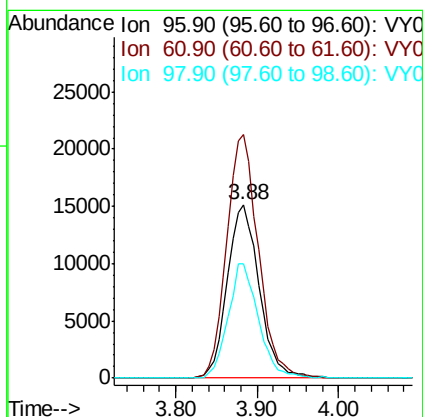
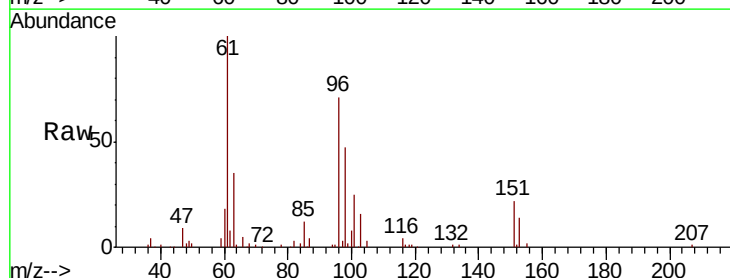
Instrument :
MSVOA_Y
ClientSampleId :

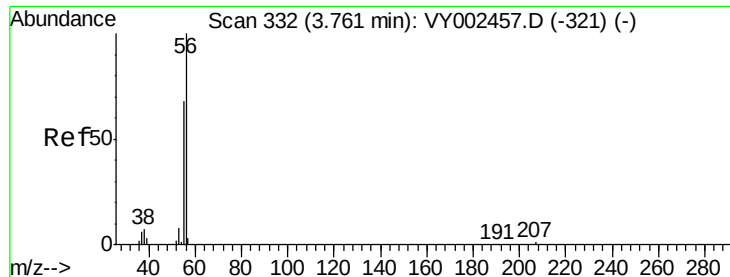
Tot Ion: 59 Resp: 27819
Ion Ratio Lower Upper
59 100
57 9.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 14.609 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 96 Resp: 40899
Ion Ratio Lower Upper
96 100
61 140.2 119.0 178.6
98 65.6 51.4 77.2





#13

Acrolein

Concen: 51.343 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

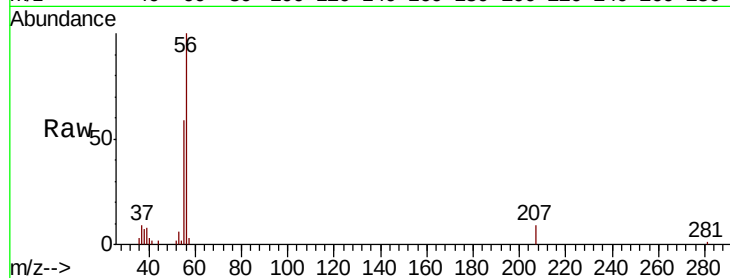
ClientSampleId :

Tot Ion: 56 Resp: 11057

Ion Ratio Lower Upper

56 100

55 66.4 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

4000

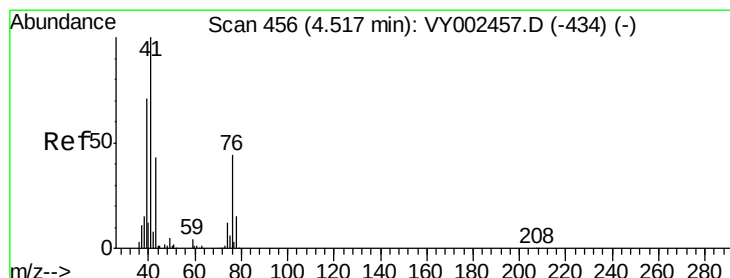
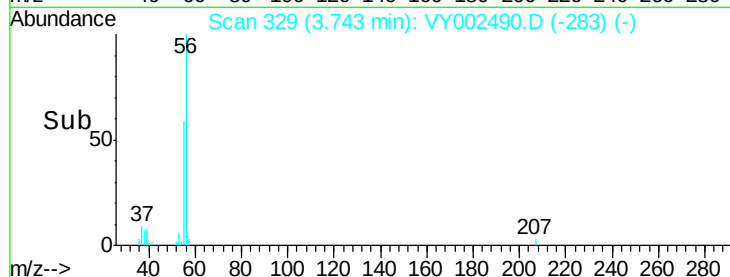
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 20.633 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

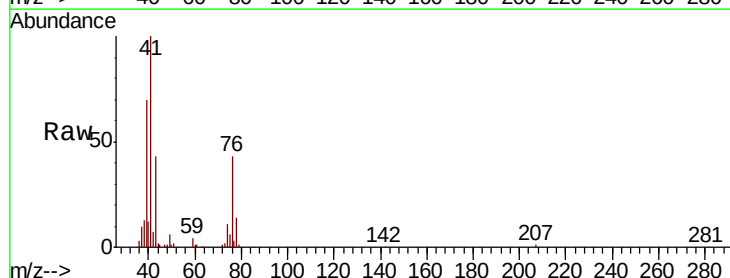
Tgt Ion: 41 Resp: 84886

Ion Ratio Lower Upper

41 100

39 67.3 55.1 82.7

76 41.7 34.3 51.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

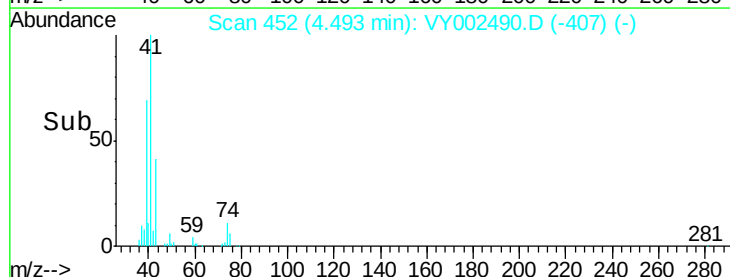
30000

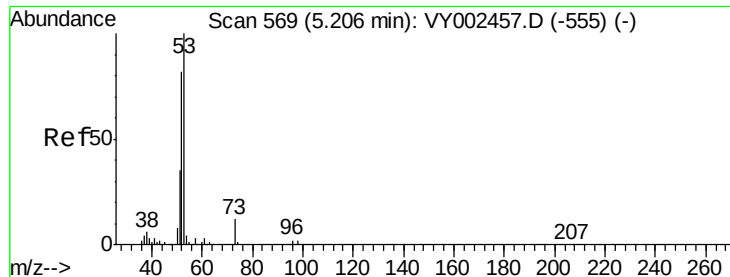
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 98.845 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.03 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

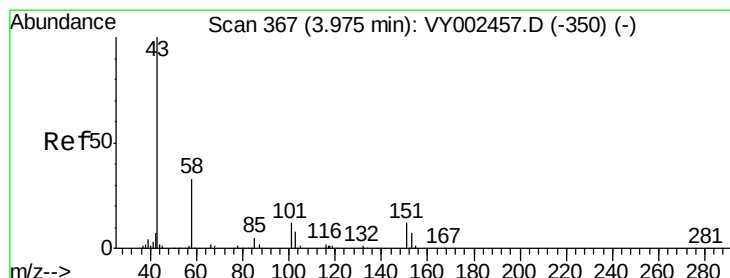
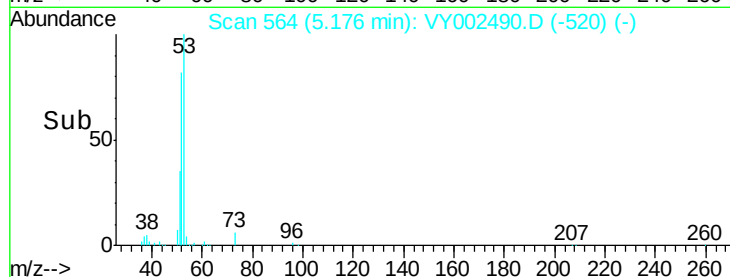
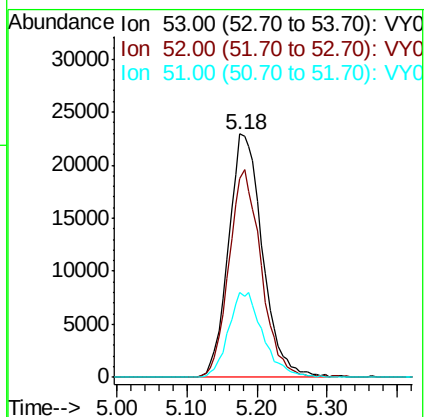
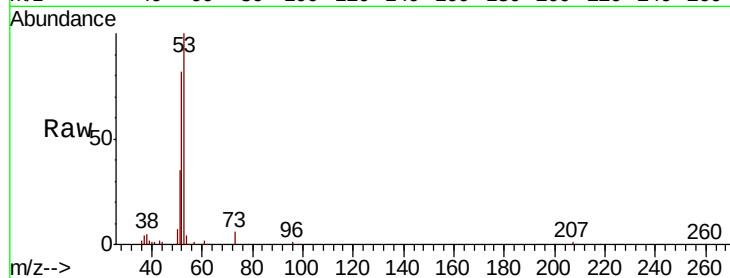
Tot Ion: 53 Resp: 77381

Ion Ratio Lower Upper

53 100

52 81.0 65.4 98.2

51 35.6 28.3 42.5



#16

Acetone

Concen: 73.137 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY002490.D

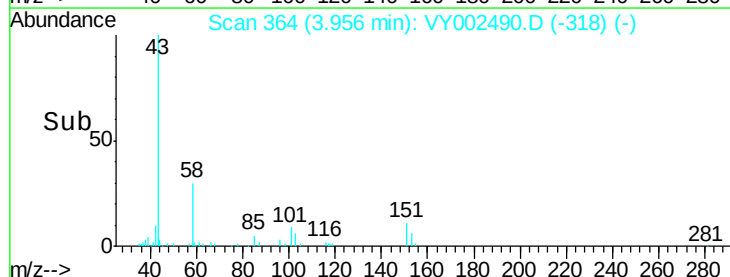
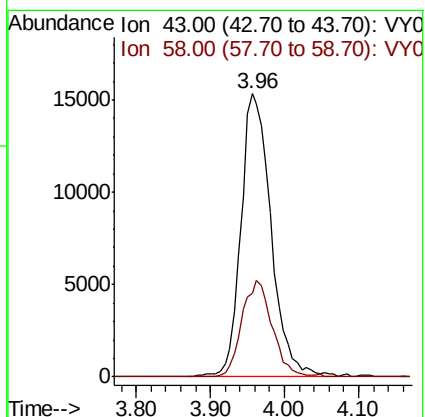
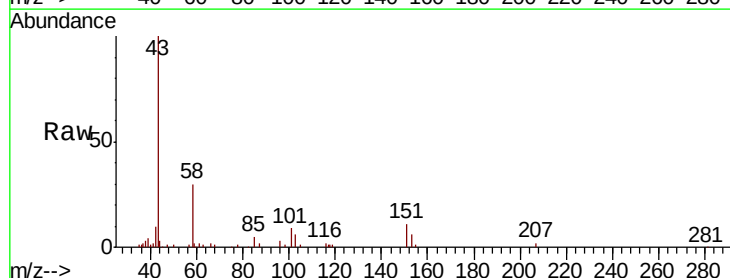
Acq: 28 Apr 2020 13:35

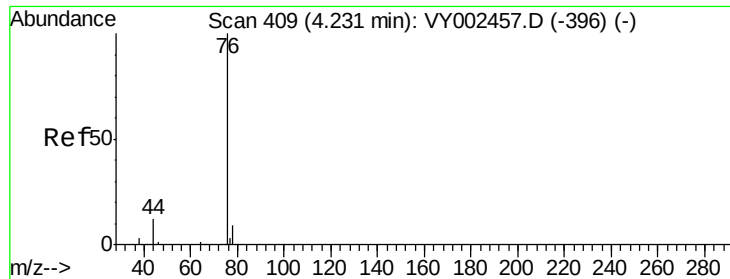
Tgt Ion: 43 Resp: 43688

Ion Ratio Lower Upper

43 100

58 29.8 26.4 39.6

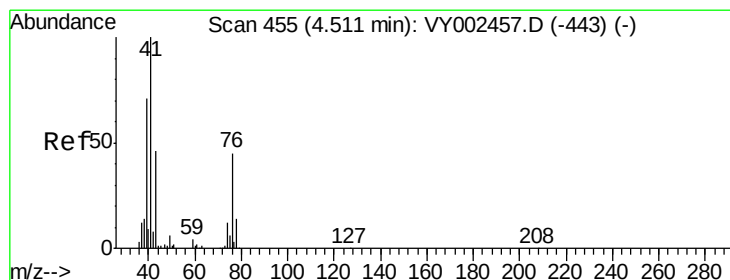
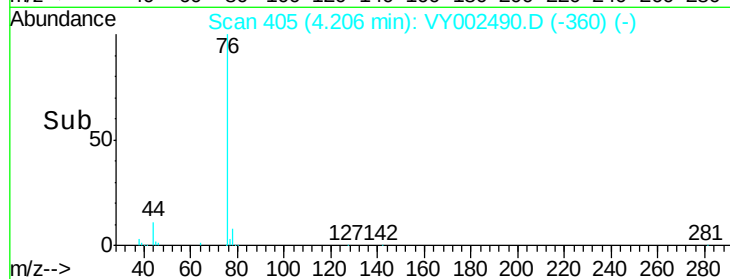
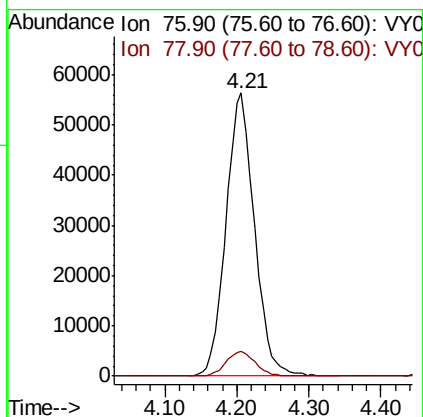
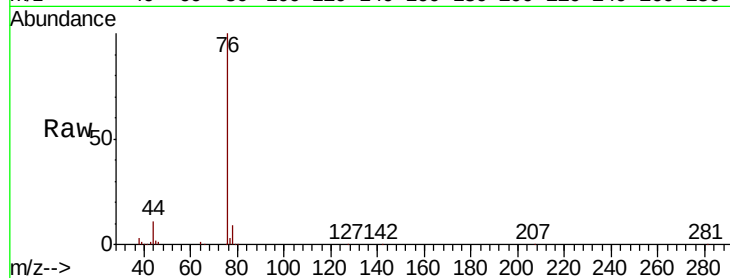




#17
Carbon Disulfide
Concen: 17.696 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

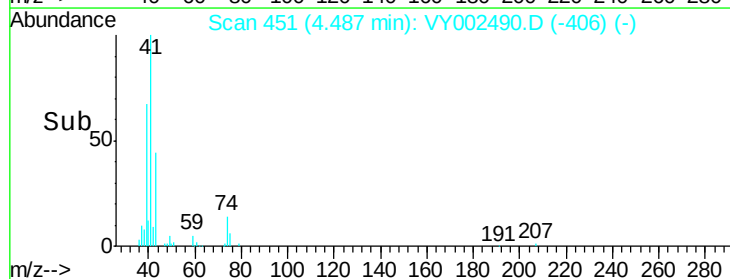
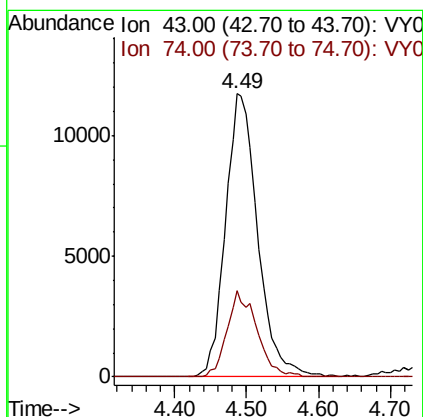
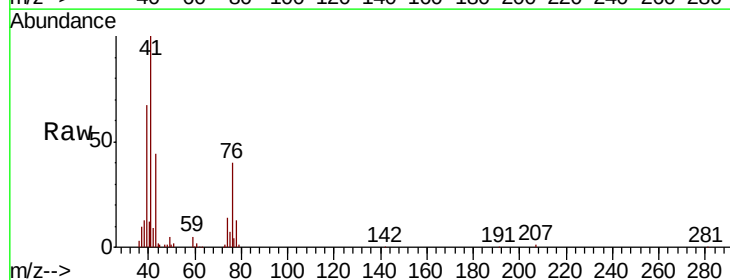
Instrument :
MSVOA_Y
ClientSampleId :

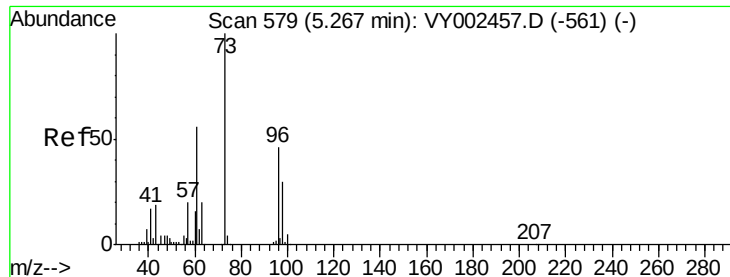
Tot Ion: 76 Resp: 154475
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 18.923 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 43 Resp: 36373
Ion Ratio Lower Upper
43 100
74 28.2 22.0 33.0

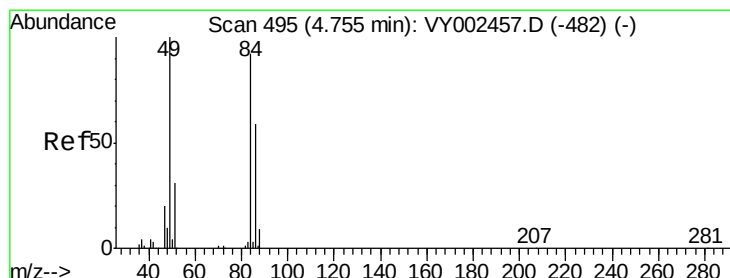
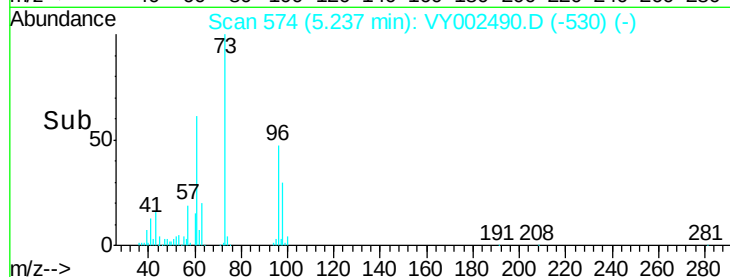
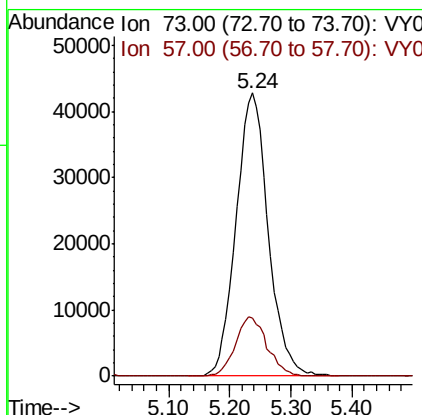
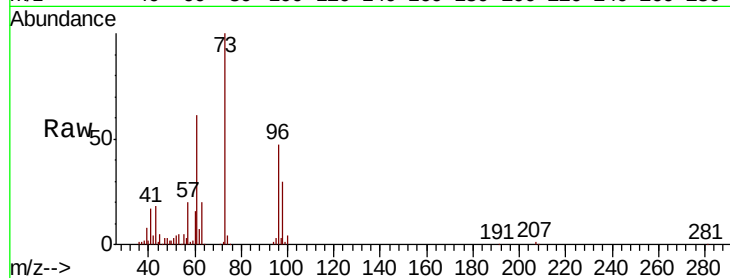




#19
Methyl tert-butyl Ether
Concen: 20.605 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.03 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

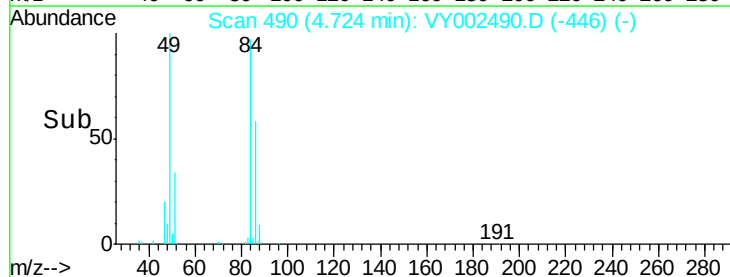
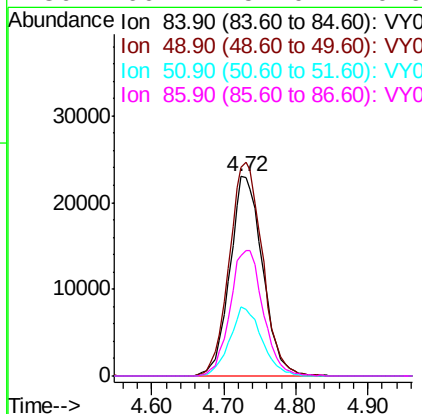
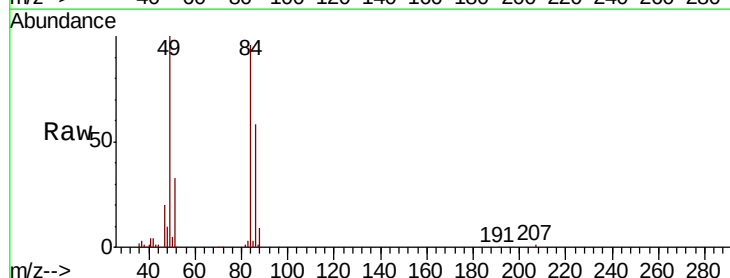
Instrument :
MSVOA_Y
ClientSampleId :

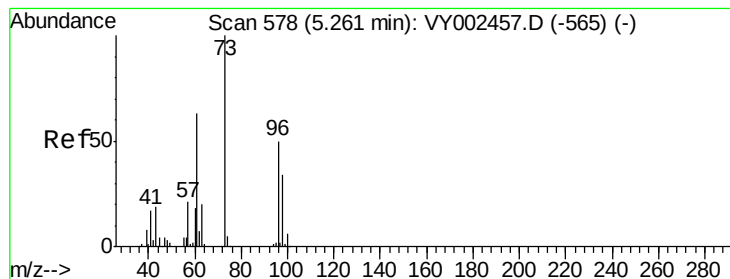
Tot Ion: 73 Resp: 155657
Ion Ratio Lower Upper
73 100
57 20.4 16.0 24.0



#20
Methylene Chloride
Concen: 21.299 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 84 Resp: 72639
Ion Ratio Lower Upper
84 100
49 104.2 86.9 130.3
51 34.7 27.3 40.9
86 60.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.493 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

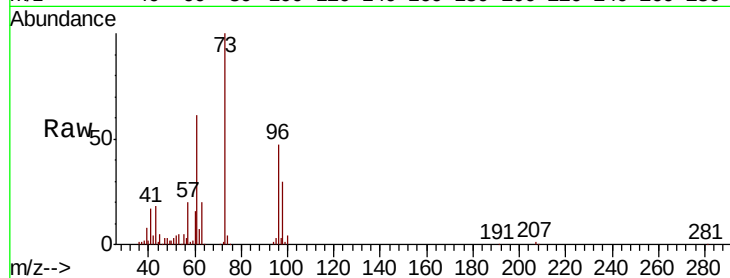
Tot Ion: 96 Resp: 64590

Ion Ratio Lower Upper

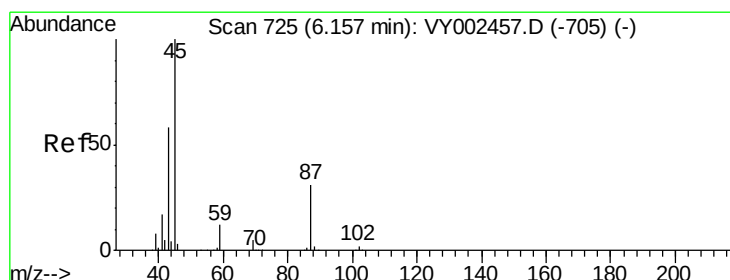
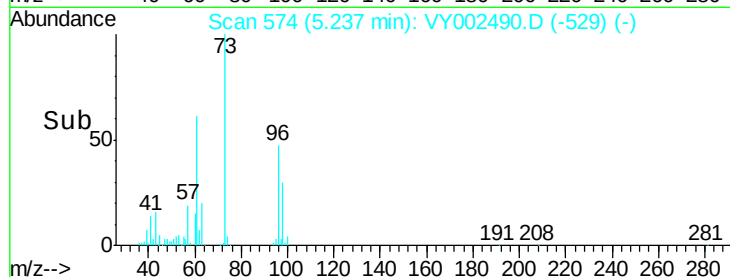
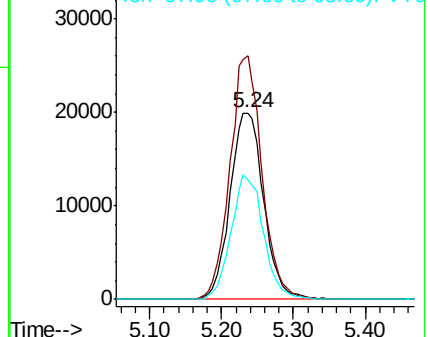
96 100

61 130.6 101.4 152.0

98 63.9 53.6 80.4



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



#22

Diisopropyl ether

Concen: 20.450 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Tgt Ion: 45 Resp: 166350

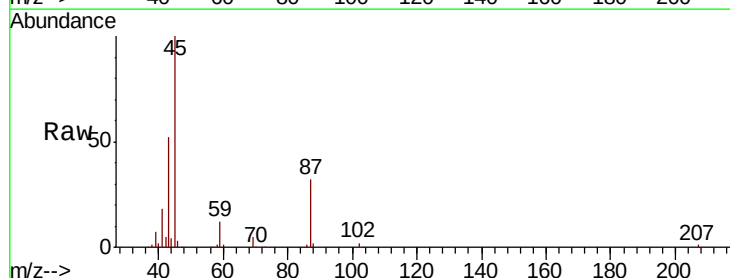
Ion Ratio Lower Upper

45 100

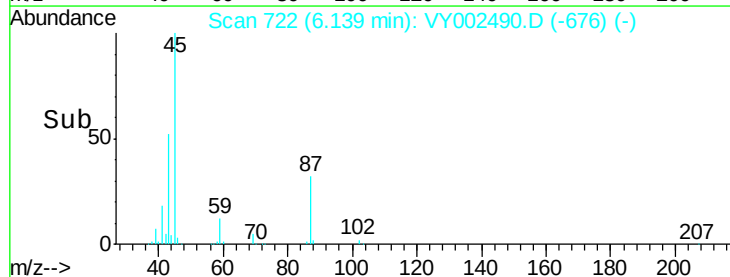
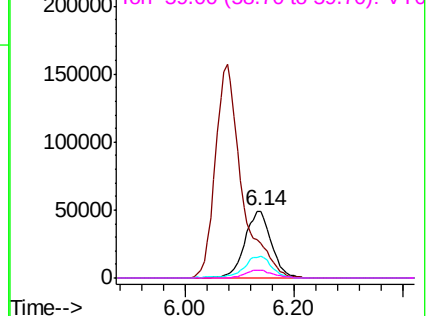
43 51.9 47.1 70.7

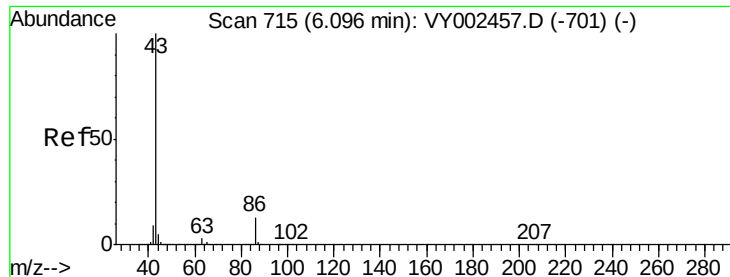
87 32.0 25.0 37.6

59 12.3 9.7 14.5



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: 102.085 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

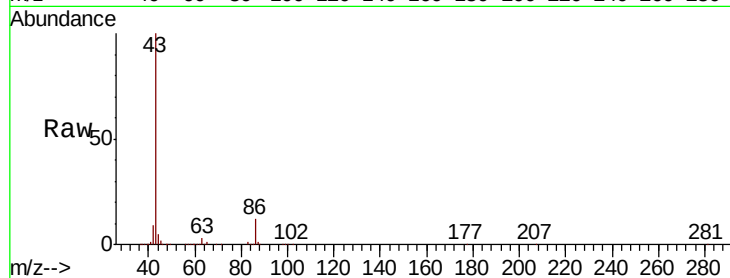
ClientSampleId :

Tot Ion: 43 Resp: 527666

Ion Ratio Lower Upper

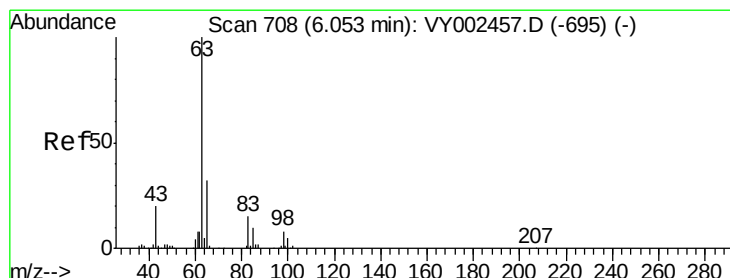
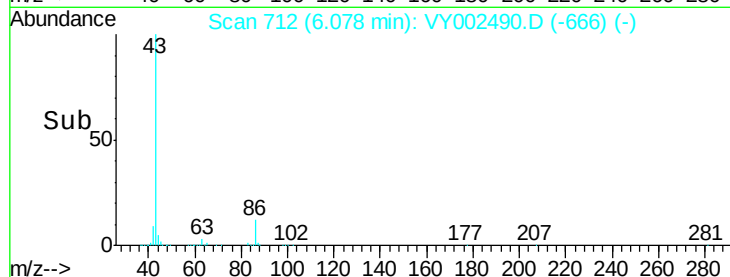
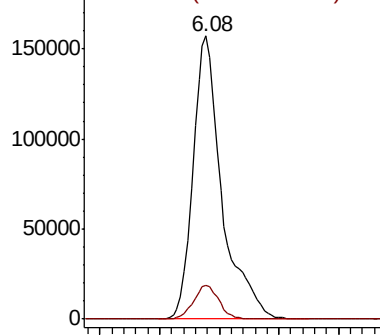
43 100

86 12.0 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.754 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

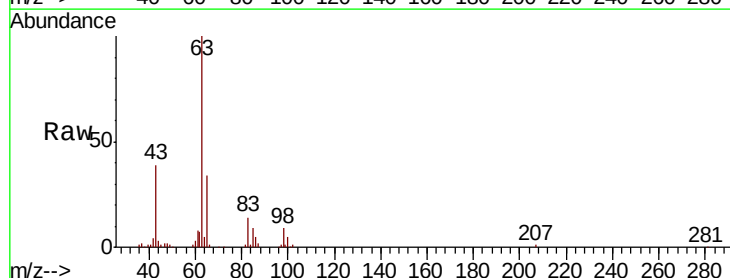
Tgt Ion: 63 Resp: 102212

Ion Ratio Lower Upper

63 100

98 8.8 4.1 12.3

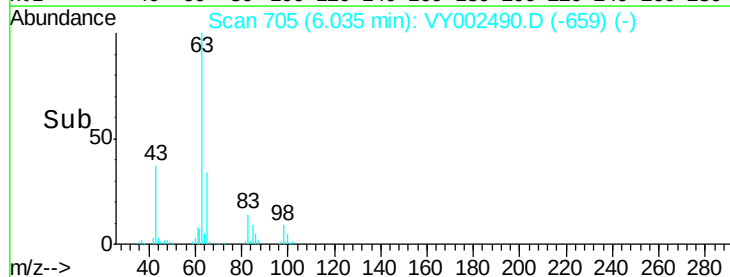
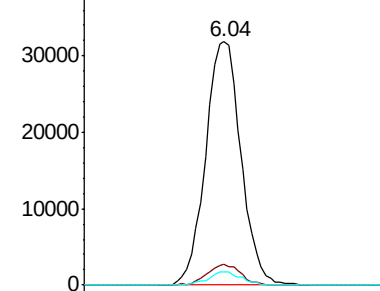
100 5.2 2.5 7.4

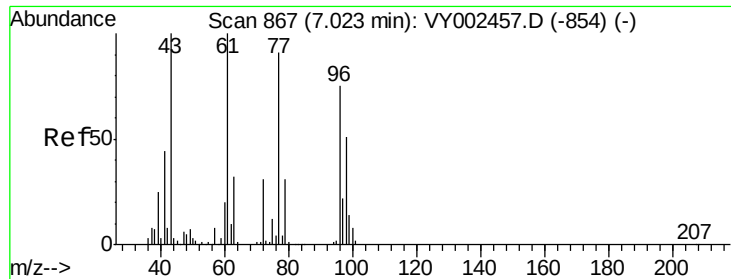


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 98.362 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

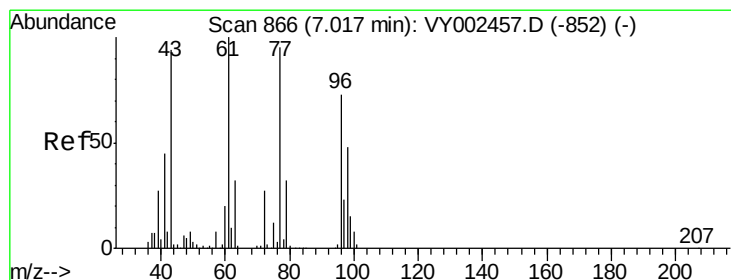
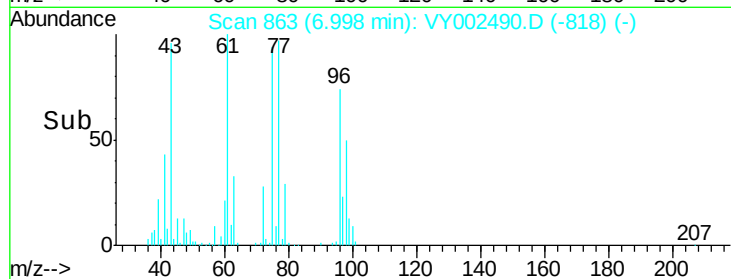
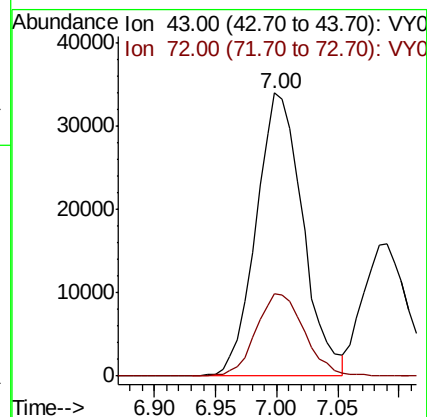
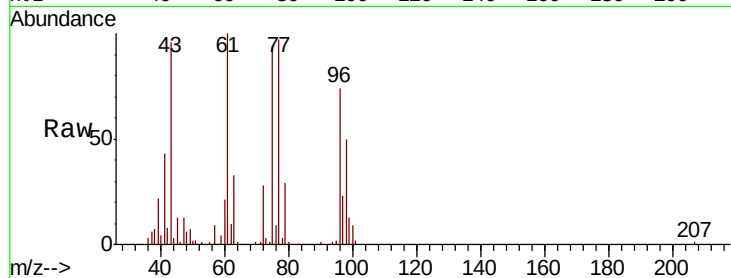
ClientSampleId :

Tot Ion: 43 Resp: 90015

Ion Ratio Lower Upper

43 100

72 29.1 24.8 37.2



#26

2,2-Dichloropropane

Concen: 21.678 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY002490.D

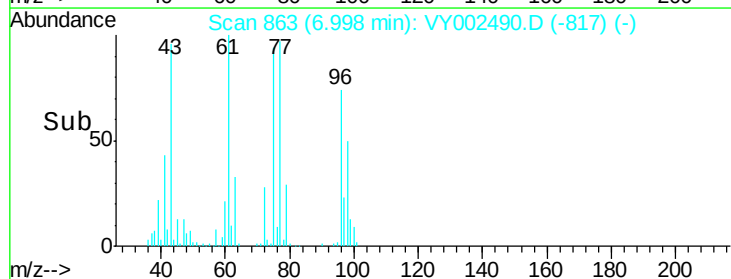
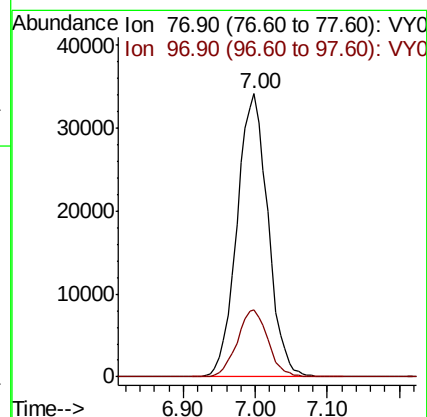
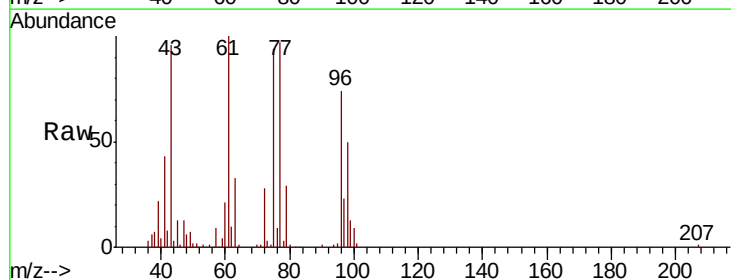
Acq: 28 Apr 2020 13:35

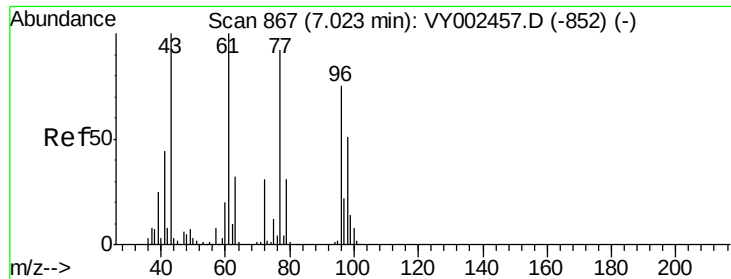
Tgt Ion: 77 Resp: 102102

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.0



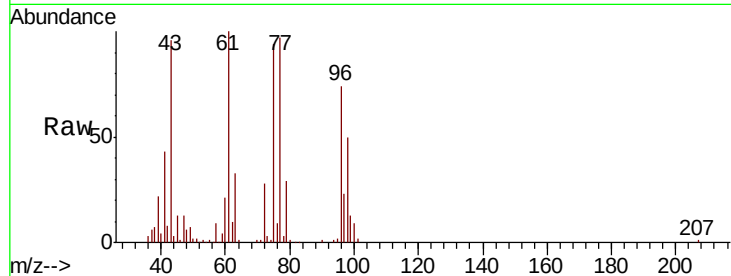


#27

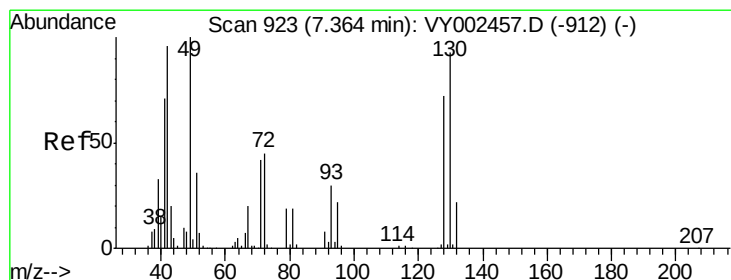
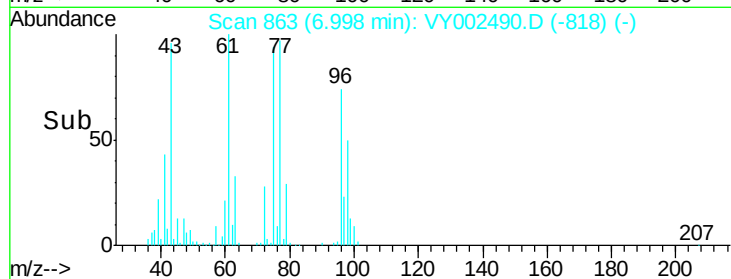
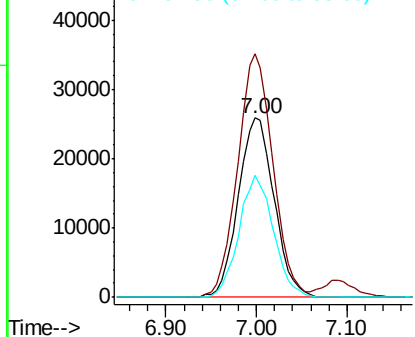
cis-1,2-Dichloroethene
Concen: 20.723 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 71042
Ion Ratio Lower Upper
96 100
61 133.9 0.0 262.6
98 65.3 0.0 131.0



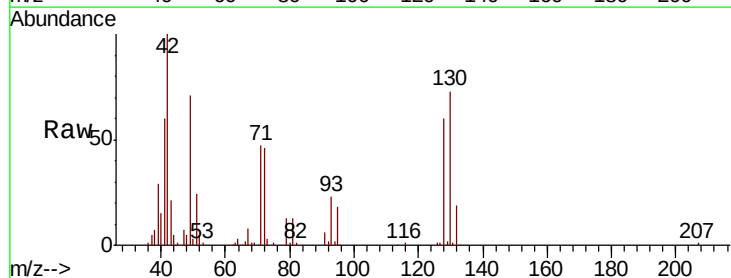
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



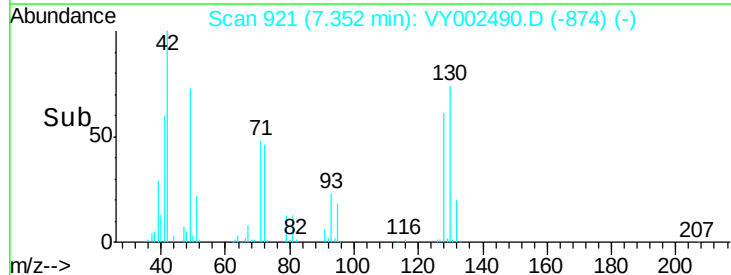
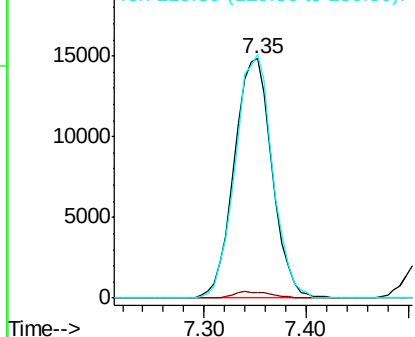
#28

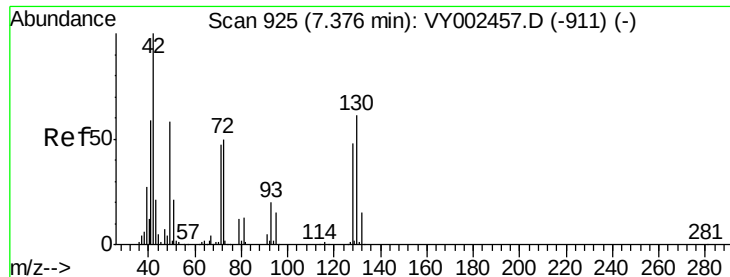
Bromochloromethane
Concen: 19.860 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 49 Resp: 38157
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 100.1 76.3 114.5



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

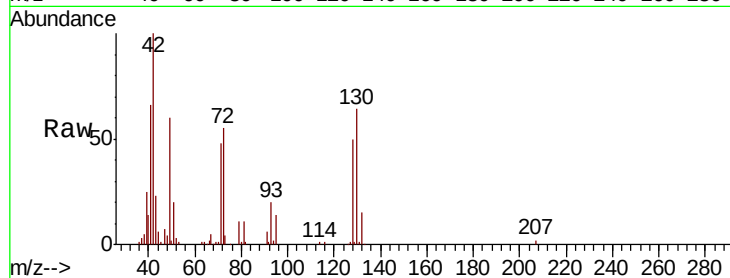




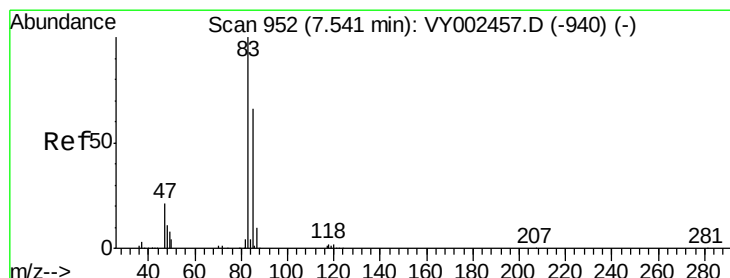
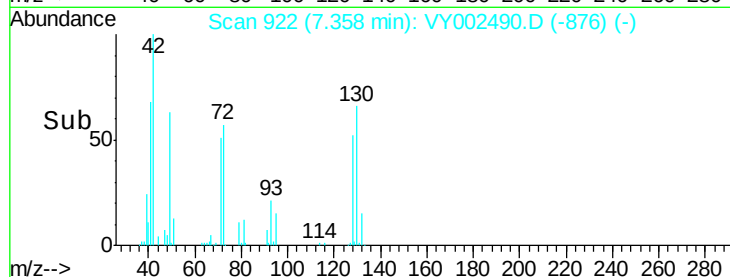
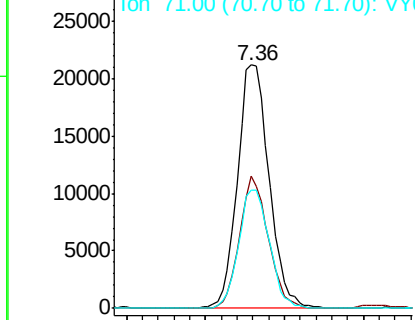
#29
Tetrahydrofuran
Concen: 97.708 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	39.5	59.3
71	47.3	37.6	56.4

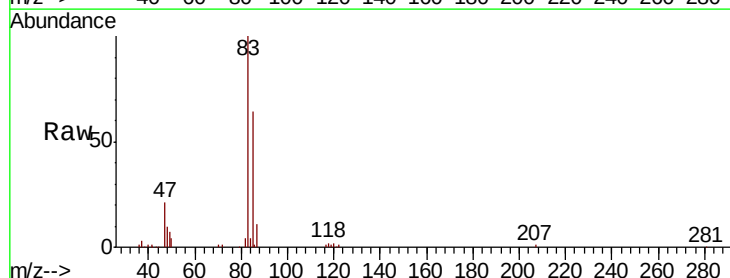


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

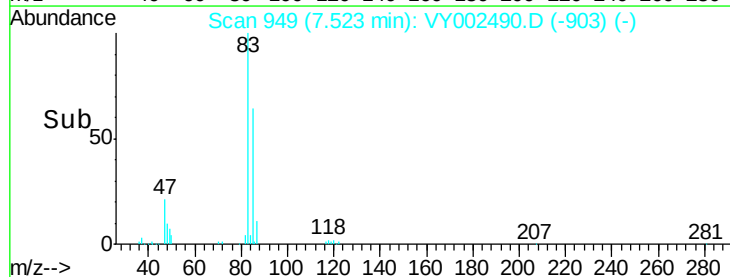
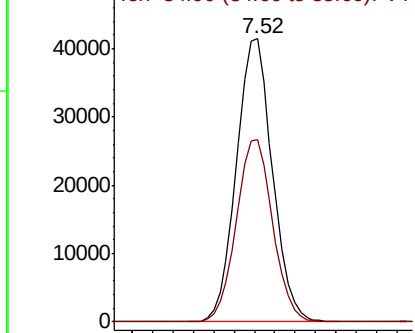


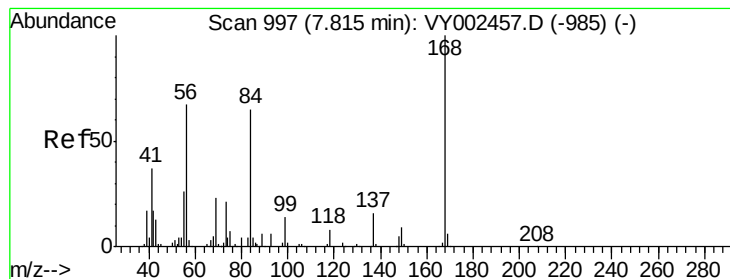
#30
Chloroform
Concen: 19.376 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	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: 19.701 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

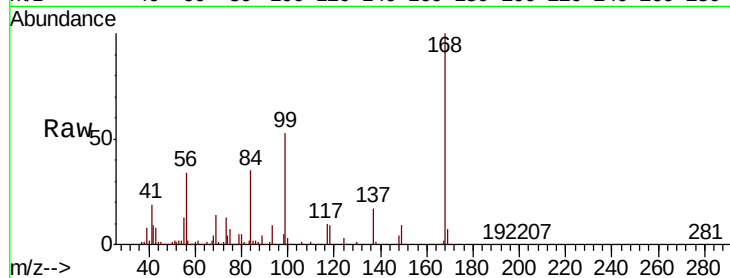
Tot Ion: 56 Resp: 97021

Ion Ratio Lower Upper

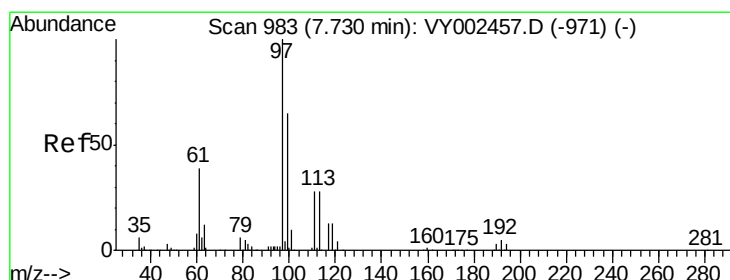
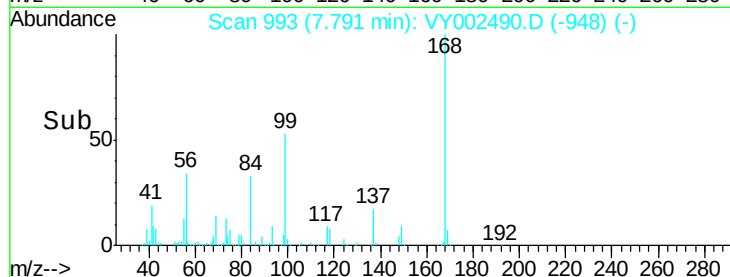
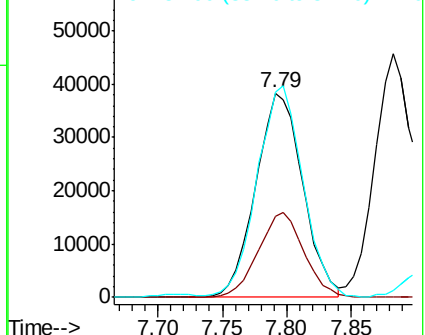
56 100

69 39.6 27.0 40.6

84 99.1 77.4 116.2



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



#32

1,1,1-Trichloroethane

Concen: 20.922 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

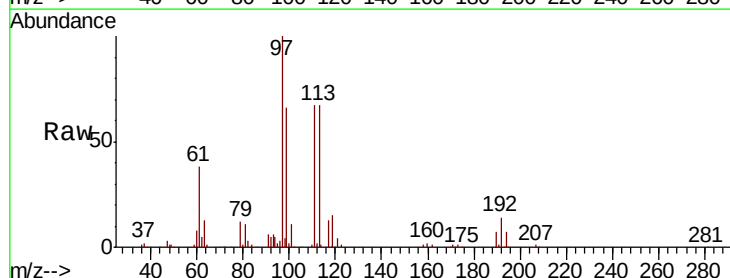
Tgt Ion: 97 Resp: 103667

Ion Ratio Lower Upper

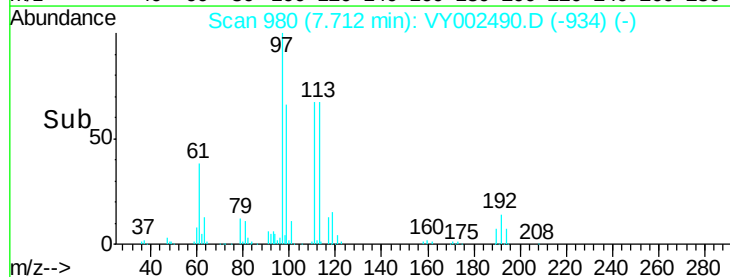
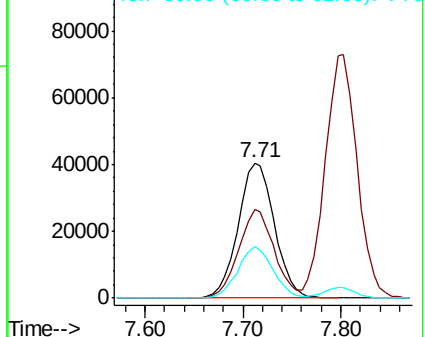
97 100

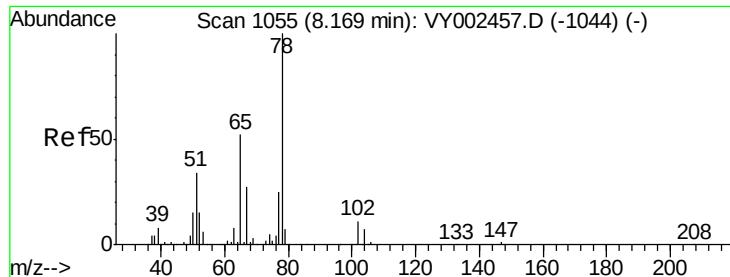
99 64.3 51.6 77.4

61 37.0 30.6 45.8



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

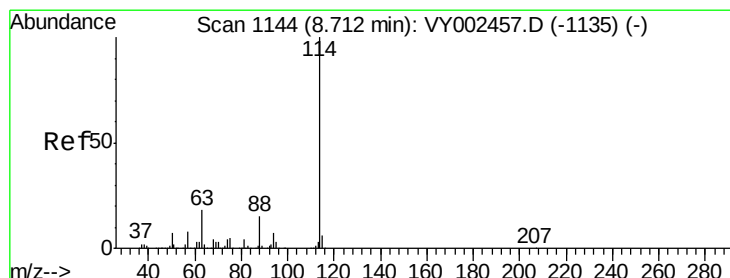
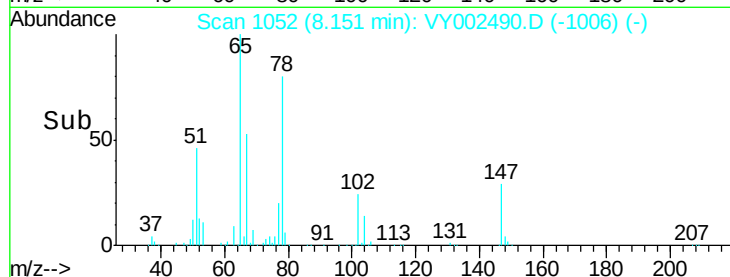
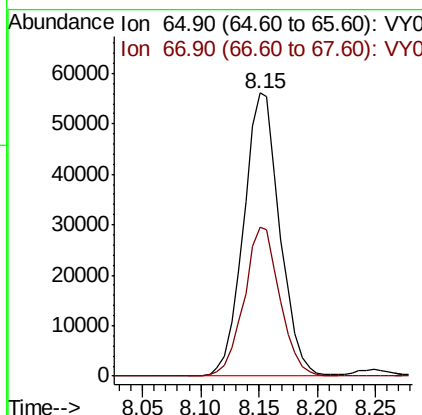
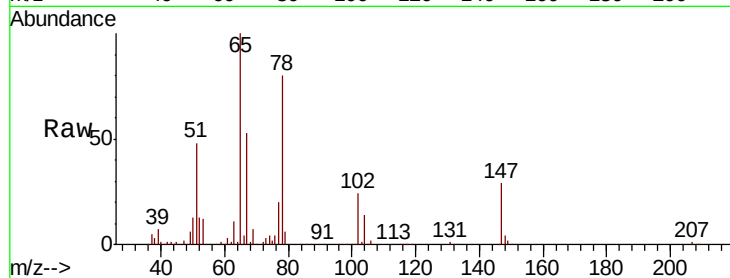




#33
 1,2-Dichloroethane-d4
 Concen: 42.653 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

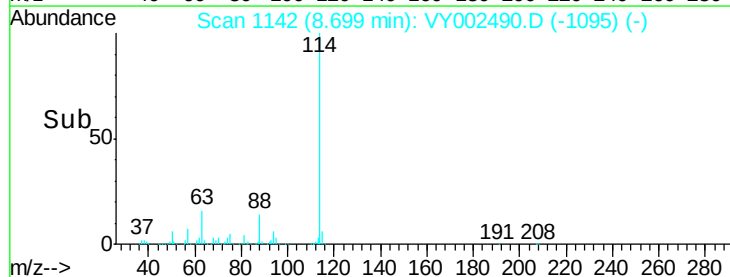
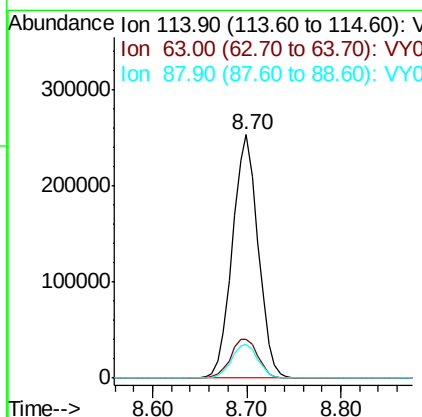
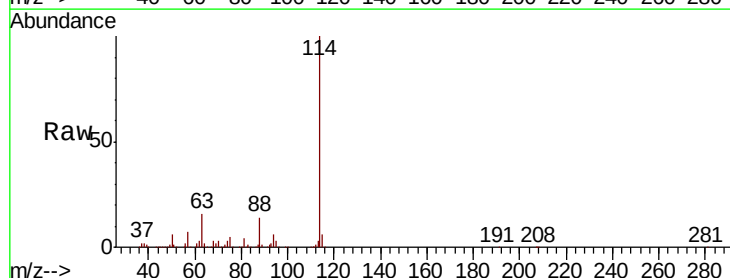
Instrument :
 MSVOA_Y
 ClientSampleId :

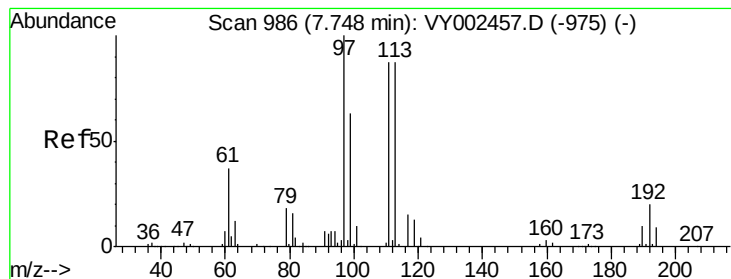
Tot Ion: 65 Resp: 121917
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion: 114 Resp: 479496
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 35.6
 88 13.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.727 ug/l

RT: 7.73 min Scan# 983

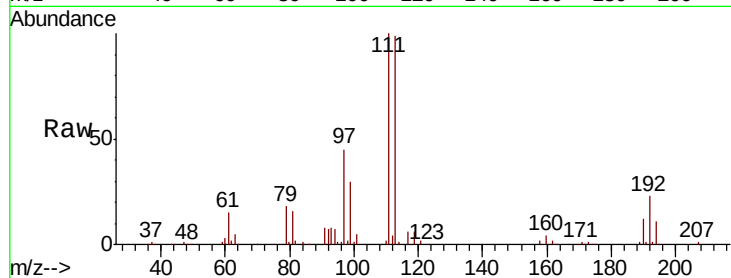
Delta R.T. -0.02 min

Lab File: VY002490.D

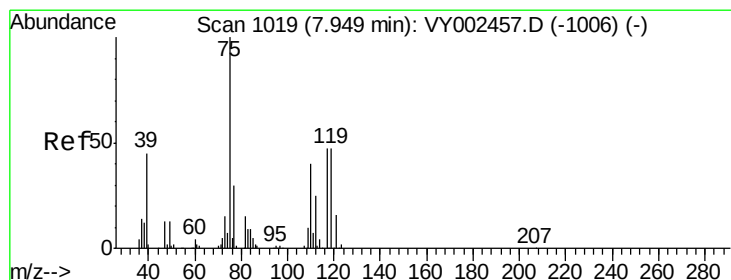
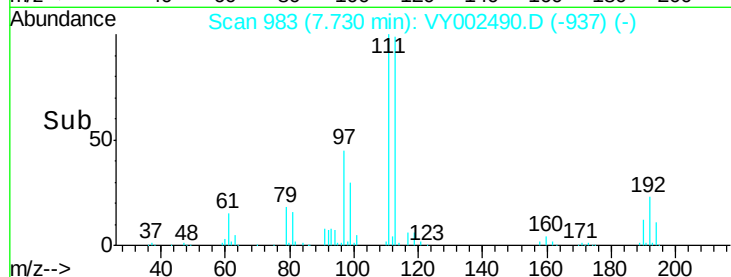
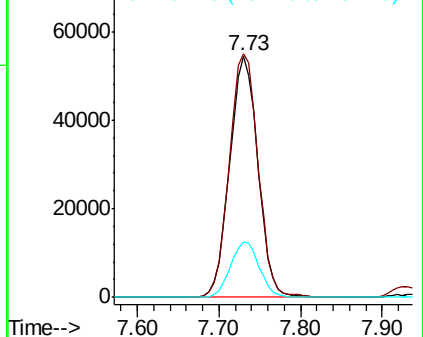
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113	Resp:	129084
Ion	Ratio	Lower Upper
113	100	
111	103.2	81.0 121.4
192	23.6	18.6 27.8



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: 19.342 ug/l

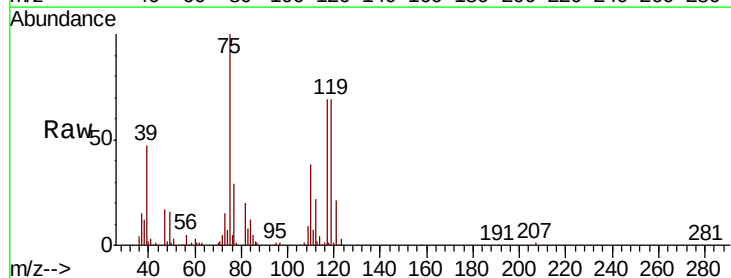
RT: 7.93 min Scan# 1015

Delta R.T. -0.02 min

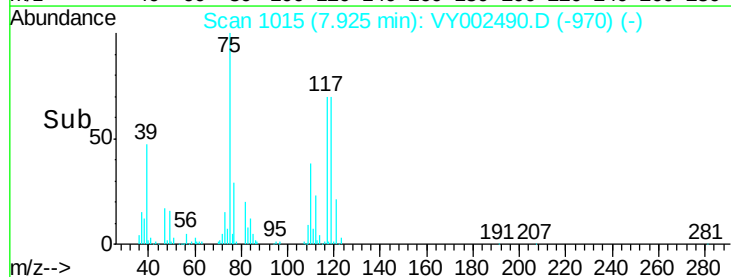
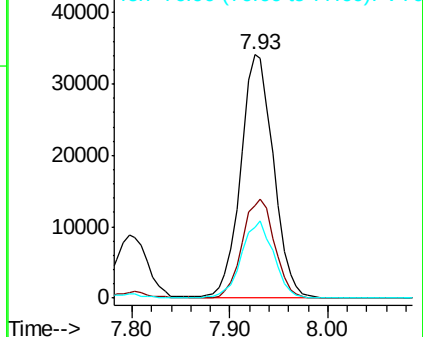
Lab File: VY002490.D

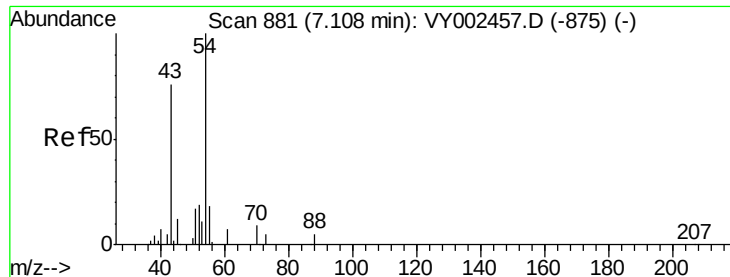
Acq: 28 Apr 2020 13:35

Tgt Ion: 75	Resp:	79526
Ion	Ratio	Lower Upper
75	100	
110	39.8	19.4 58.4
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

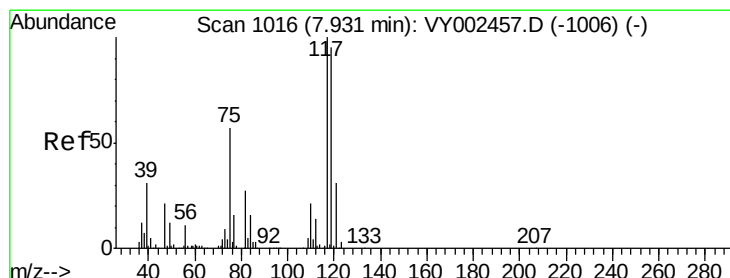
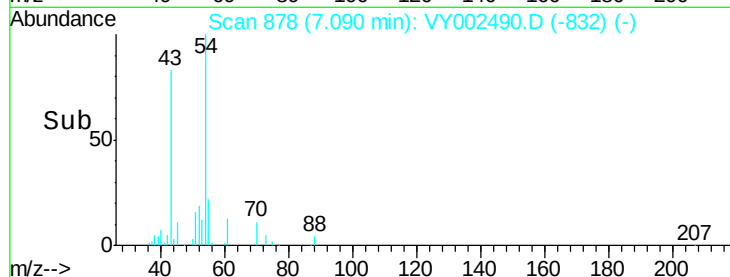
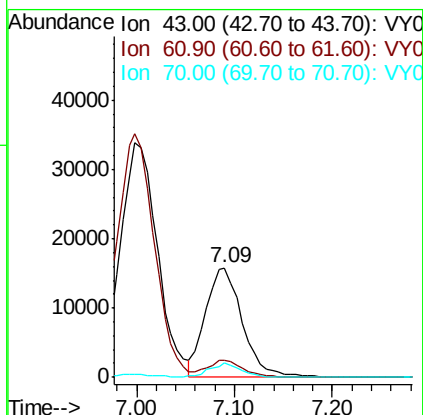
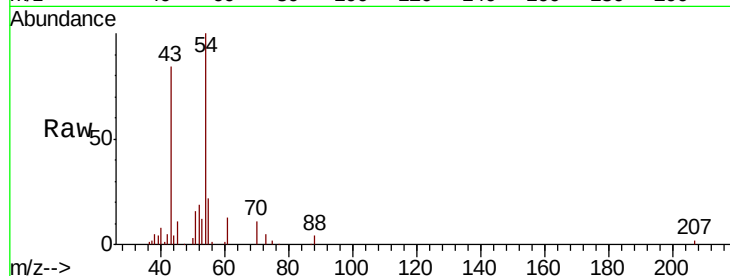




#37
Ethyl Acetate
Concen: 20.140 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

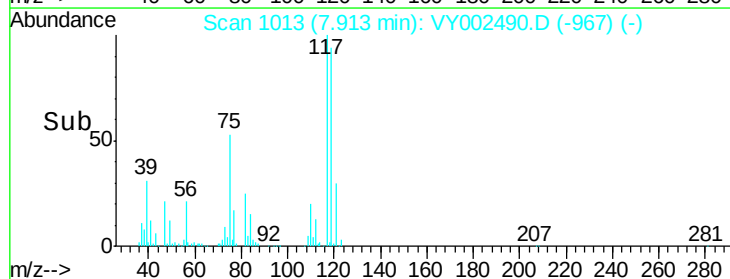
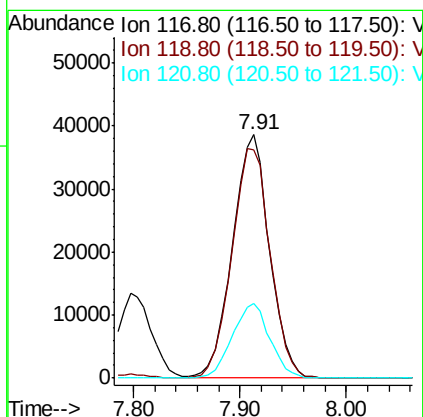
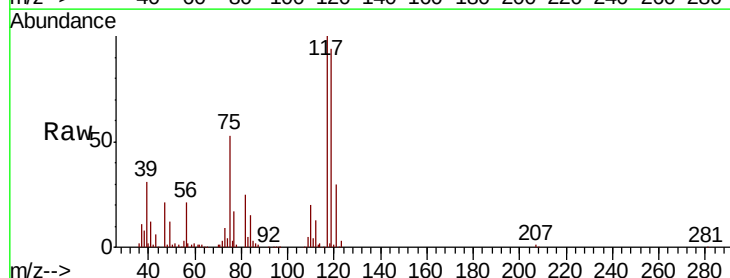
Instrument :
MSVOA_Y
ClientSampleId :

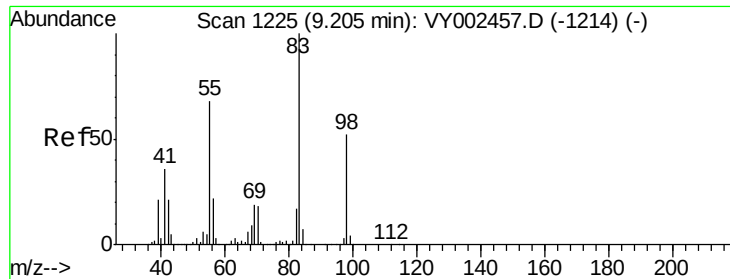
Tot Ion: 43 Resp: 41600
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 11.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.925 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 117 Resp: 94207
Ion Ratio Lower Upper
117 100
119 93.8 75.9 113.9
121 30.4 24.5 36.7

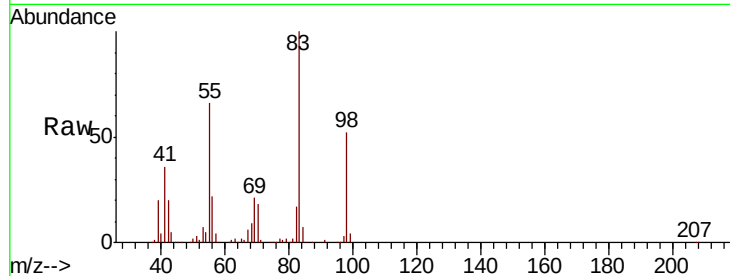




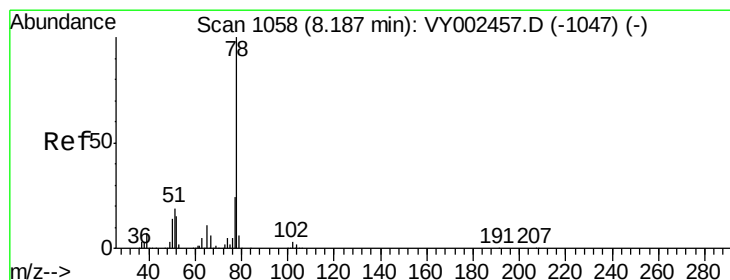
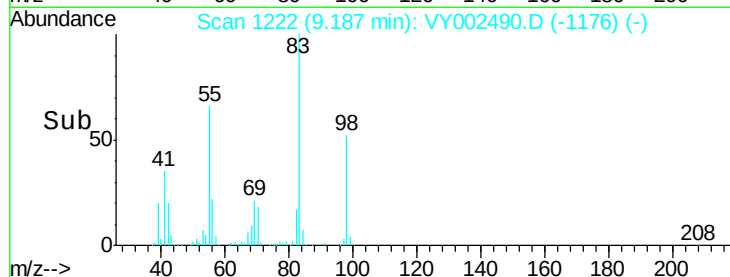
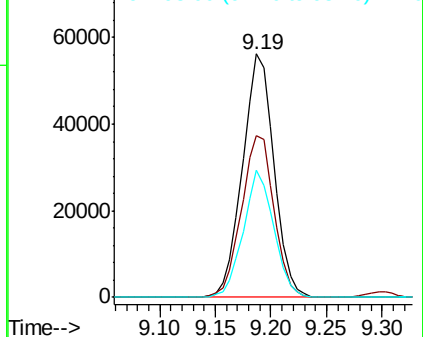
#39
Methylvlcyclohexane
Concen: 20.604 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 110505
Ion Ratio Lower Upper
83 100
55 66.3 54.2 81.2
98 52.2 41.9 62.9

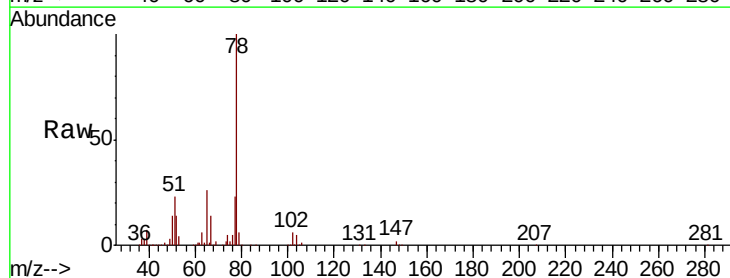


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

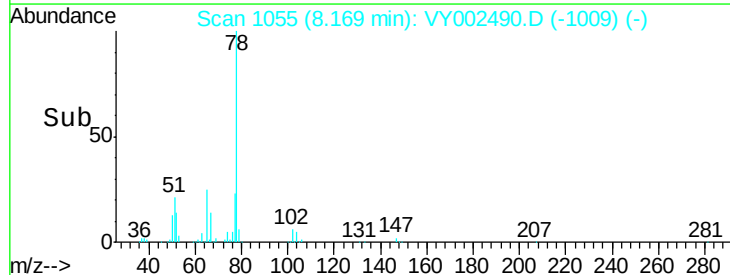
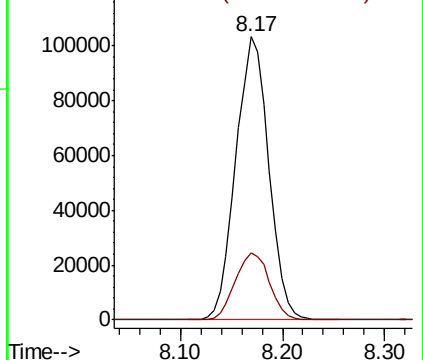


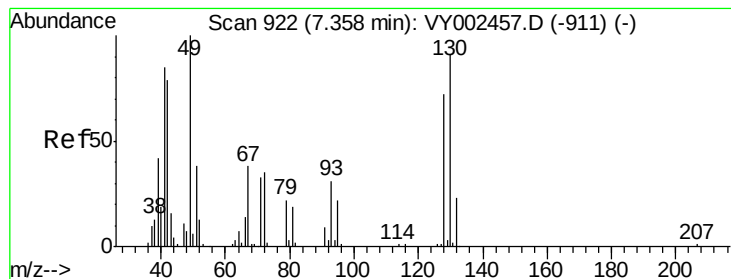
#40
Benzene
Concen: 19.461 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 78 Resp: 231266
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



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





#41

Methacrylonitrile

Concen: 43.466 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 55313

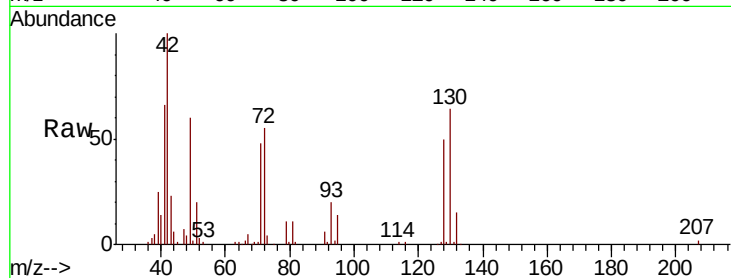
Ion Ratio Lower Upper

41 100

39 44.7 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

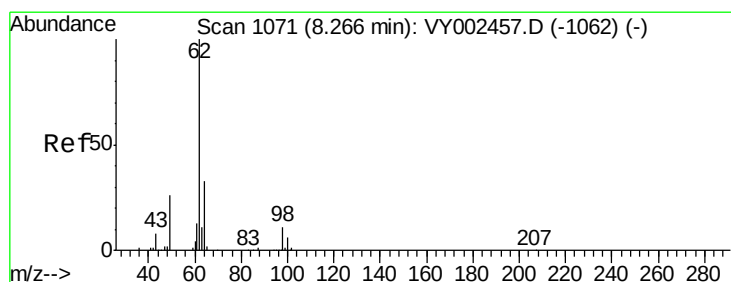
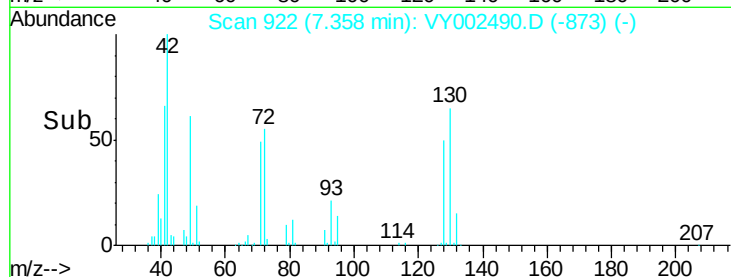
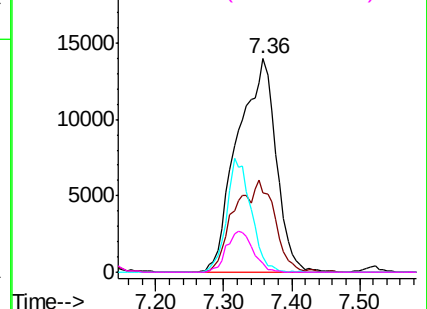


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 19.386 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.02 min

Lab File: VY002490.D

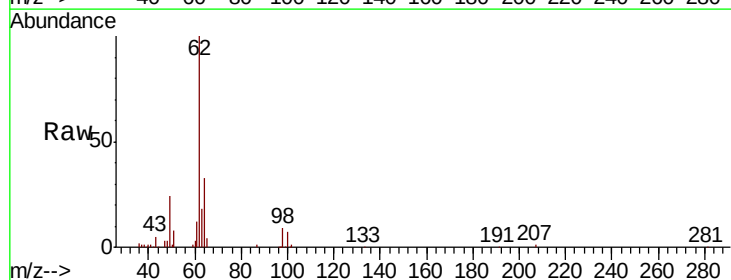
Acq: 28 Apr 2020 13:35

Tgt Ion: 62 Resp: 66920

Ion Ratio Lower Upper

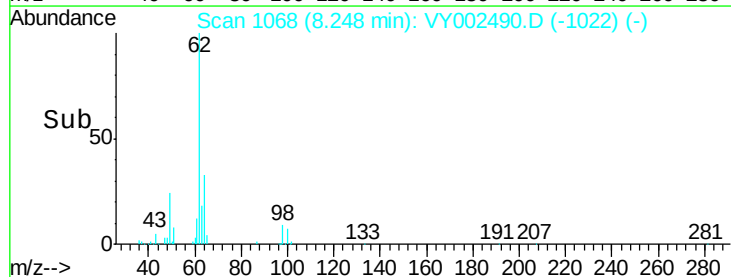
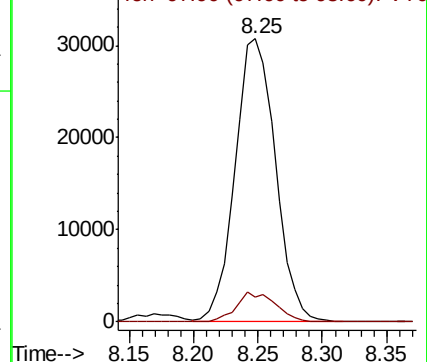
62 100

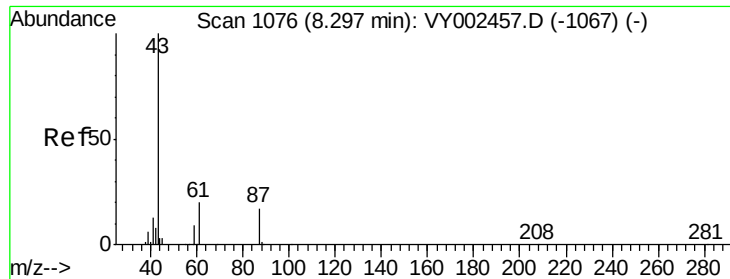
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

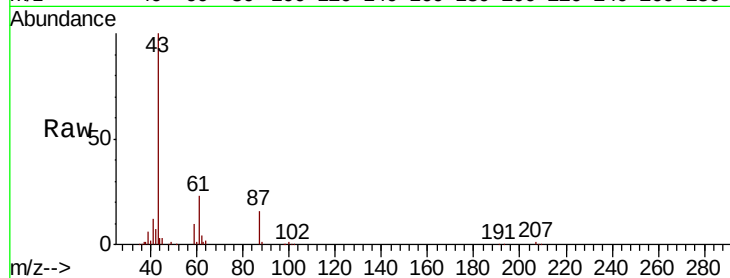




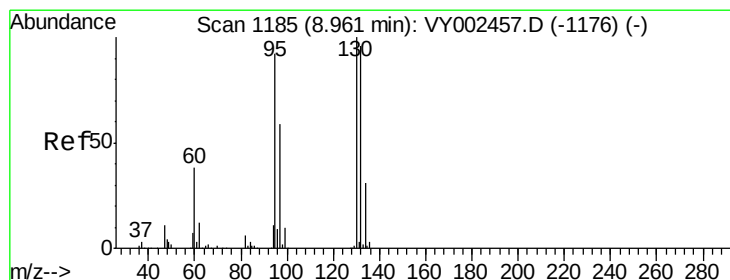
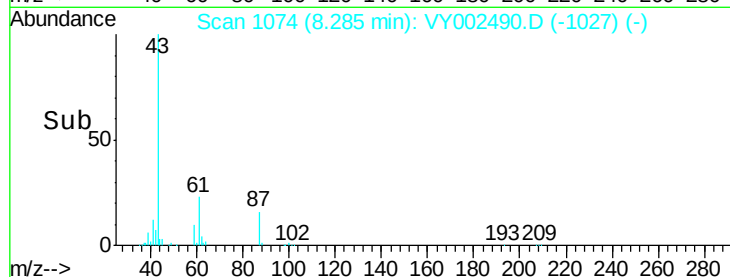
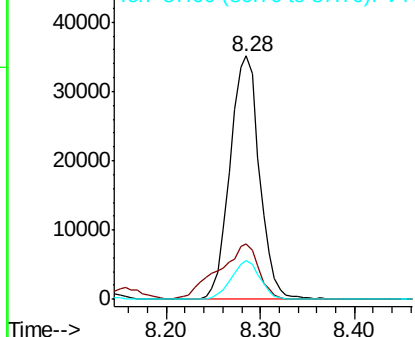
#43
Isopropyl Acetate
Concen: 19.750 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	43	Resp	76298
Ion Ratio	Lower	Upper	
43	100		
61	31.0	25.0	37.4
87	15.4	13.0	19.4

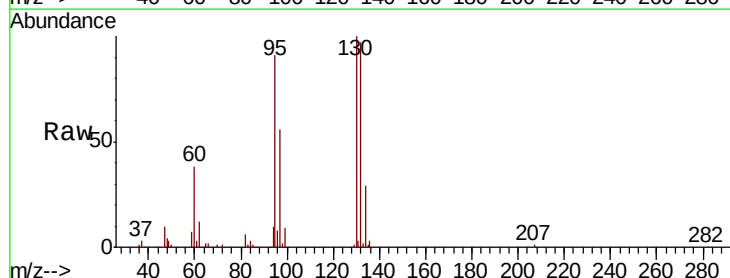


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

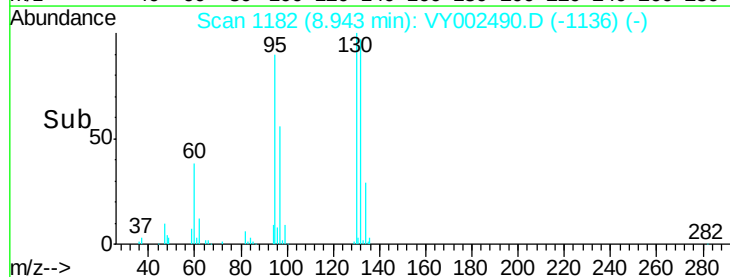
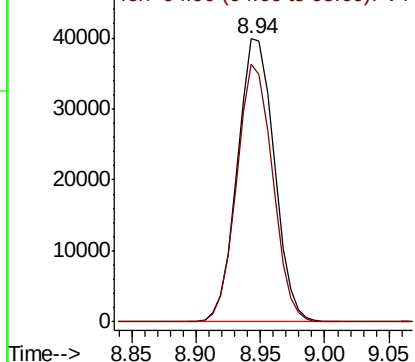


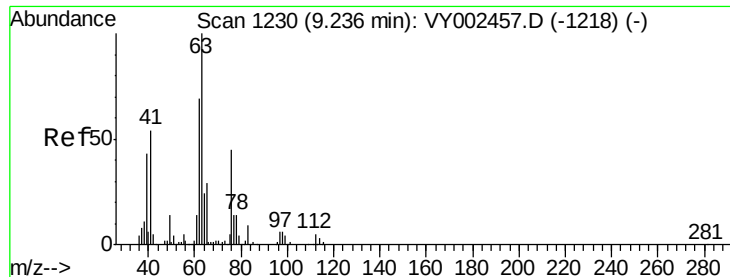
#44
Trichloroethene
Concen: 21.294 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion	130	Resp	79122
Ion Ratio	Lower	Upper	
130	100		
95	90.9	0.0	184.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

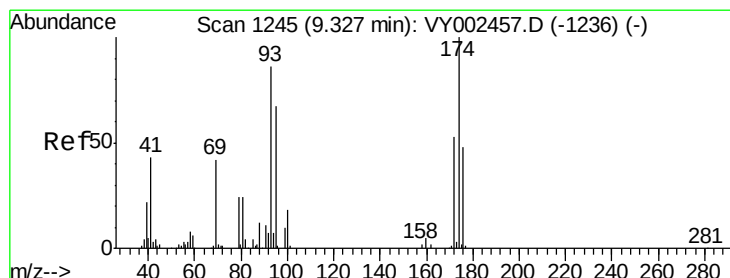
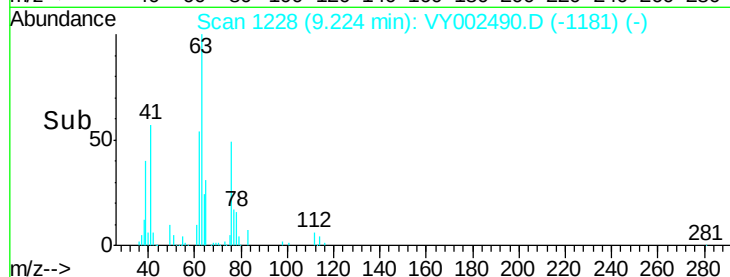
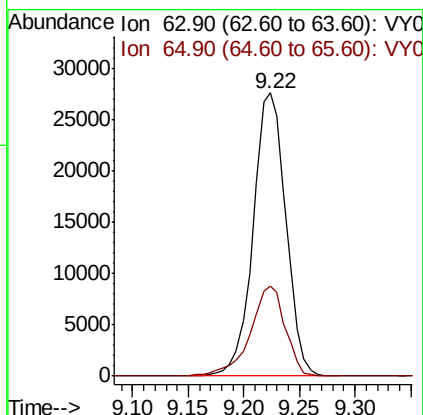
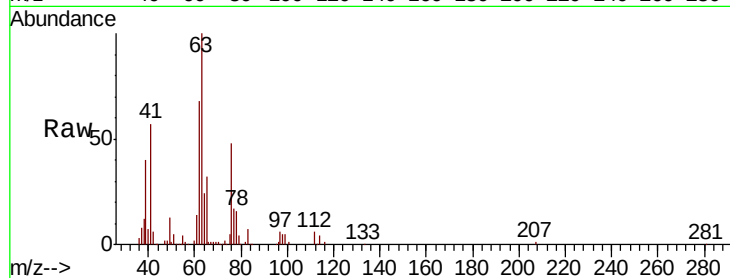




#45
 1,2-Dichloropropane
 Concen: 20.626 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

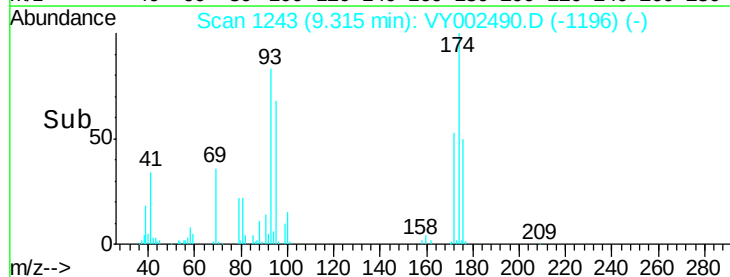
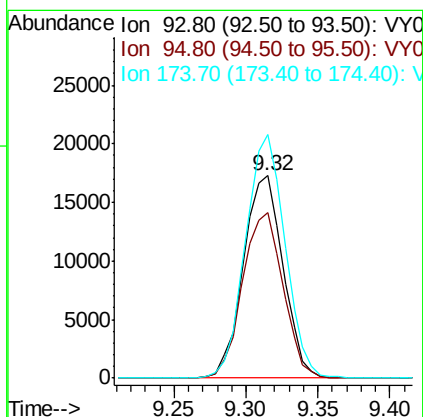
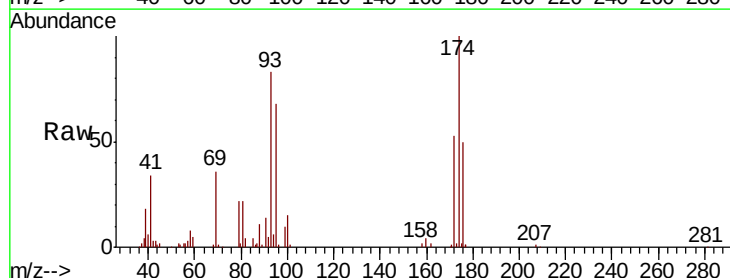
Instrument :
 MSVOA_Y
 ClientSampleId :

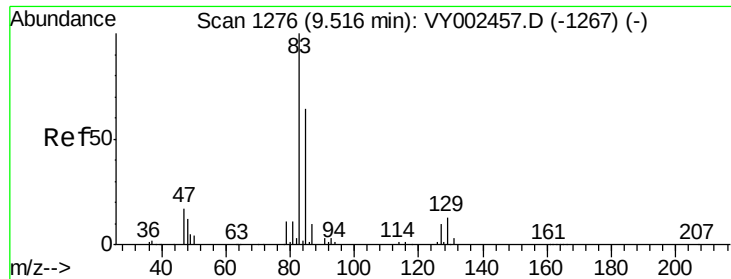
Tot Ion: 63 Resp: 56492
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.4 35.0



#46
 Dibromomethane
 Concen: 20.561 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion: 93 Resp: 32946
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.4 98.0
 174 119.4 94.8 142.2

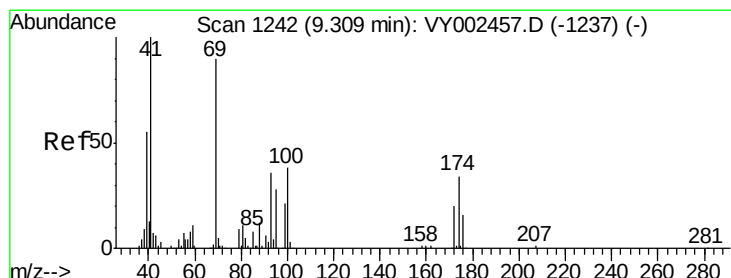
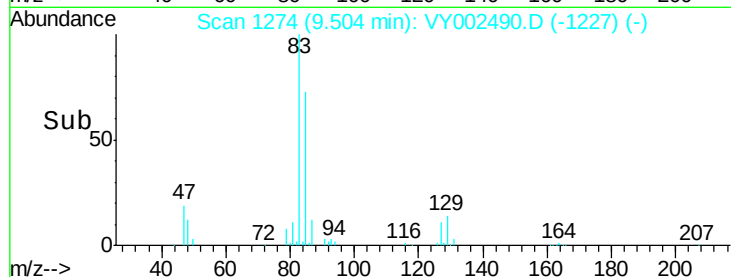
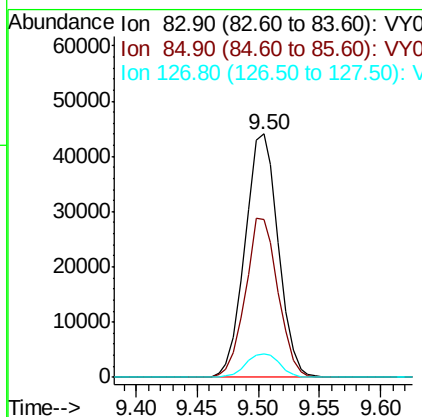
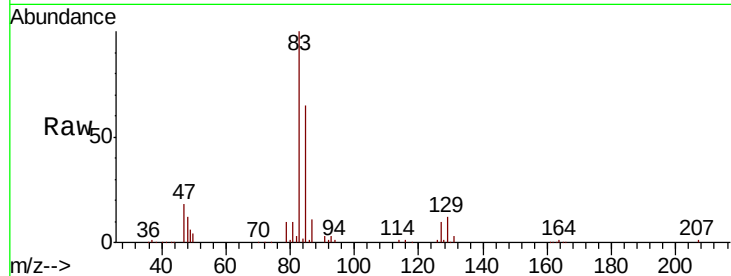




#47
Bromodichloromethane
Concen: 20.755 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

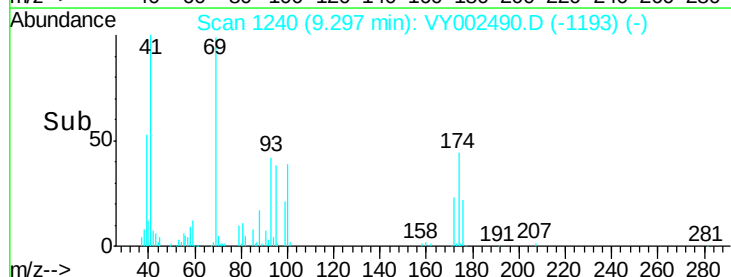
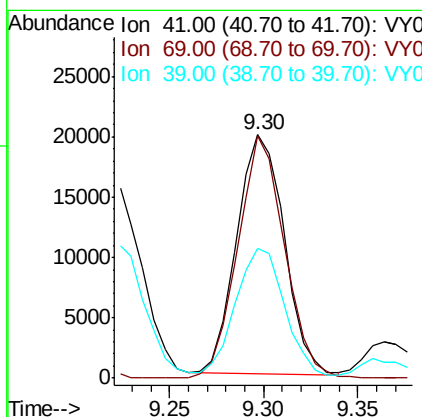
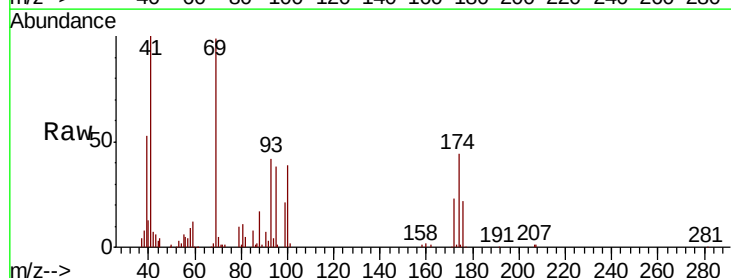
Instrument :
MSVOA_Y
ClientSampled :

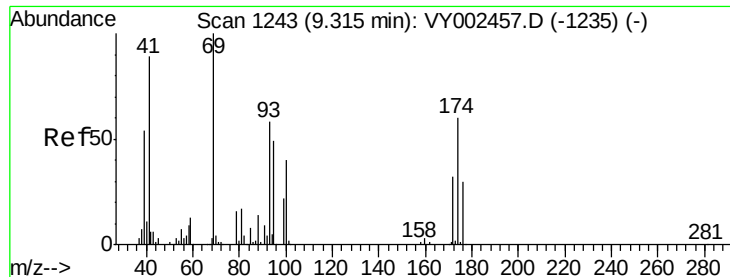
Tot Ion: 83 Resp: 83167
Ion Ratio Lower Upper
83 100
85 64.8 51.2 76.8
127 9.6 7.7 11.5



#48
Methyl methacrylate
Concen: 19.722 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 41 Resp: 34781
Ion Ratio Lower Upper
41 100
69 99.4 77.9 116.9
39 53.8 47.9 71.9

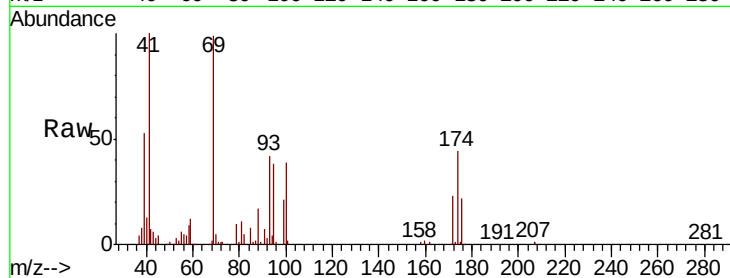




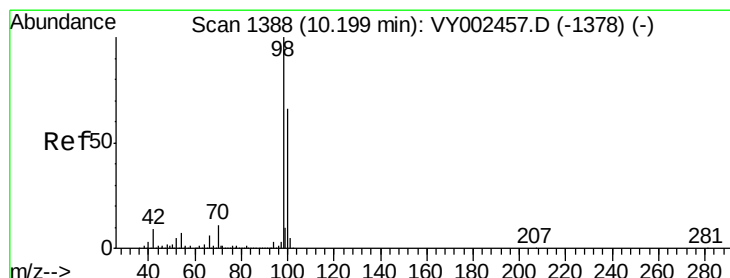
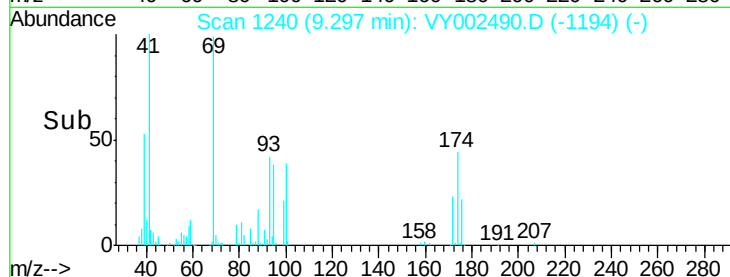
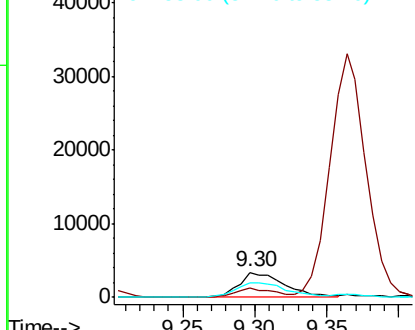
#49
1,4-Dioxane
Concen: 368.837 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 7532
Ion Ratio Lower Upper
88 100
43 33.3 22.9 34.3
58 66.3 49.5 74.3

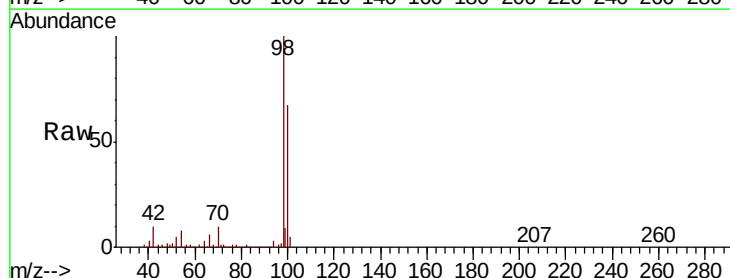


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

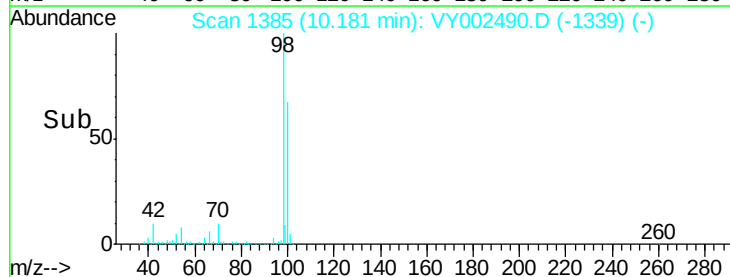
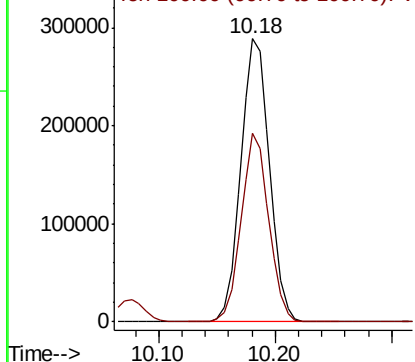


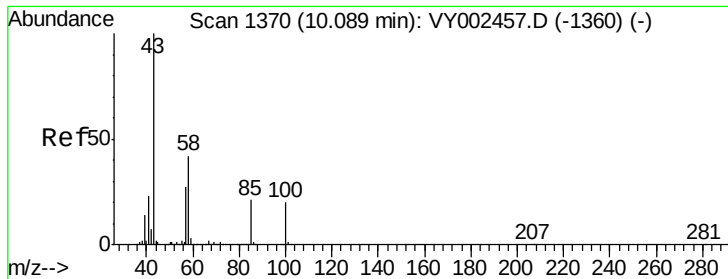
#50
Toluene-d8
Concen: 45.639 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 98 Resp: 496120
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



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

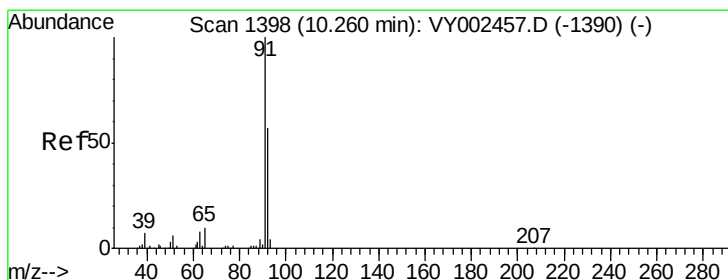
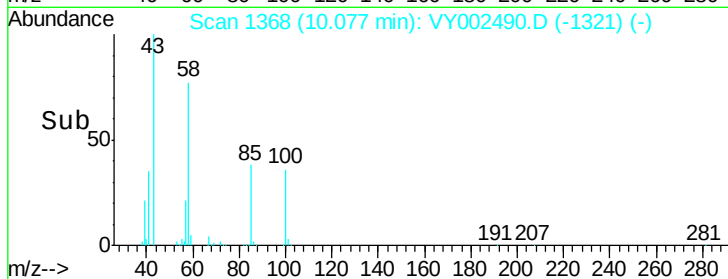
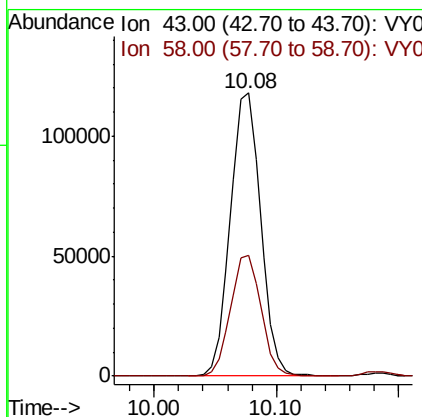
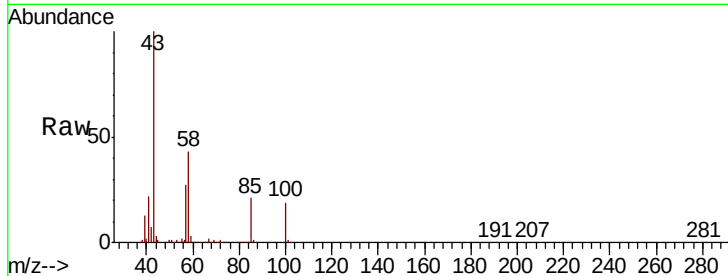




#51
 4-Methyl-2-Pentanone
 Concen: 101.193 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

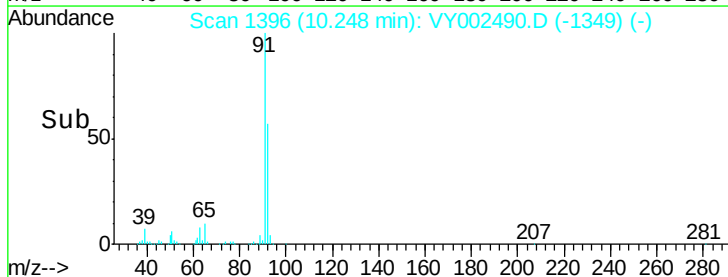
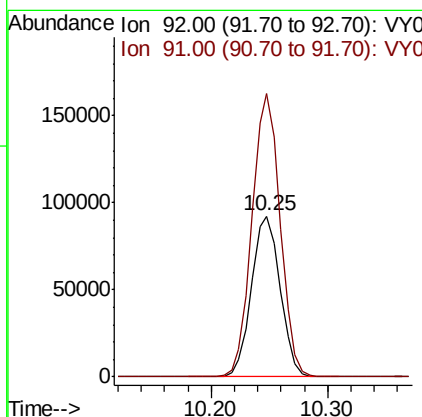
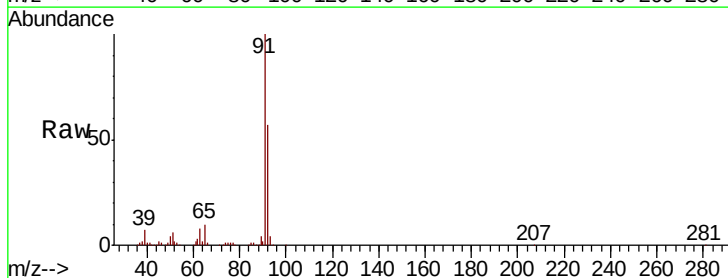
Instrument :
 MSVOA_Y
 ClientSampleId :

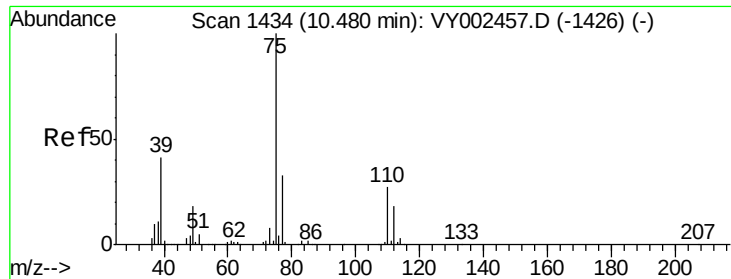
Tot Ion: 43 Resp: 203056
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.2 49.8



#52
 Toluene
 Concen: 20.854 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion: 92 Resp: 159526
 Ion Ratio Lower Upper
 92 100
 91 172.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.909 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

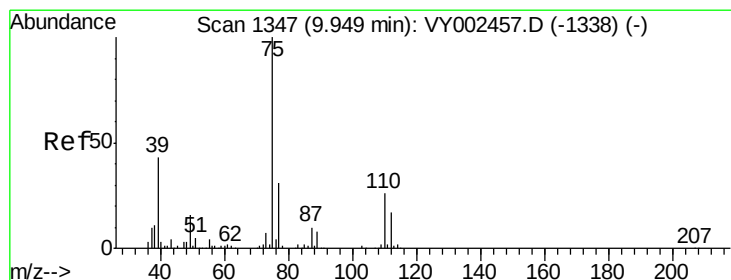
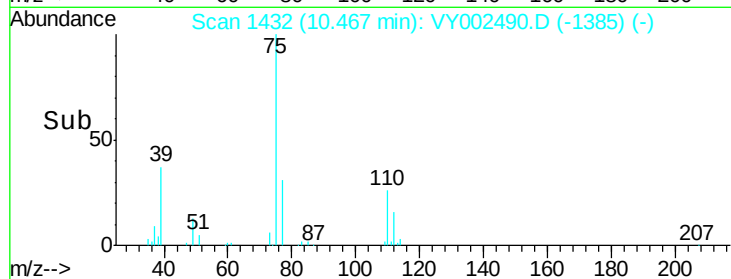
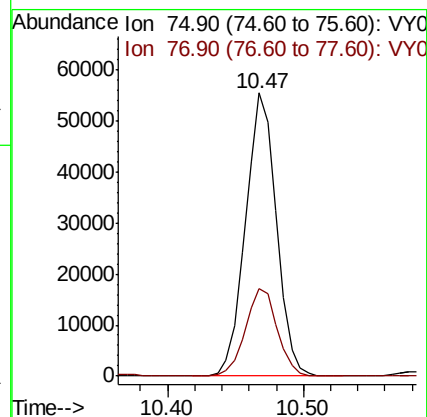
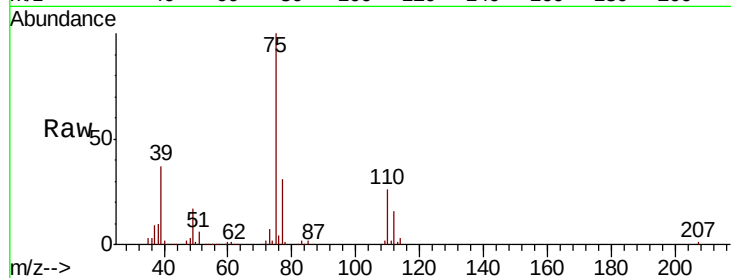
ClientSampled :

Tot Ion: 75 Resp: 87991

Ion Ratio Lower Upper

75 100

77 31.1 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.740 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

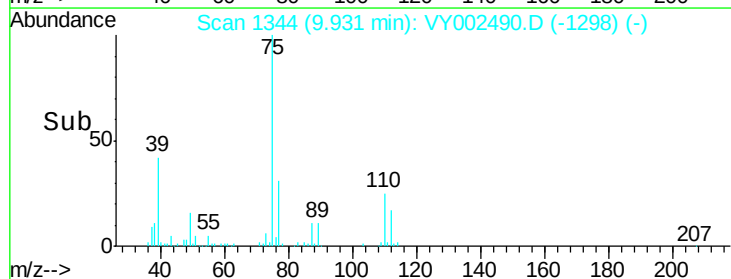
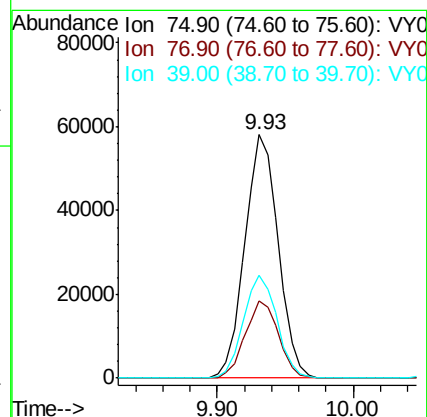
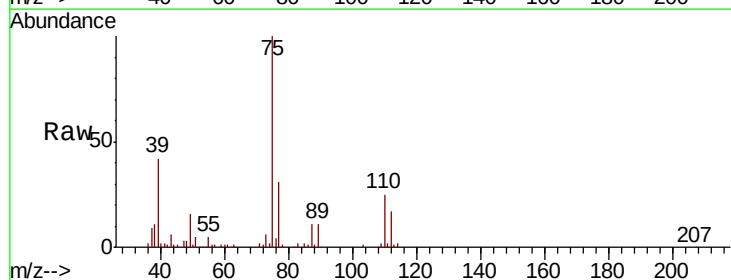
Tgt Ion: 75 Resp: 99898

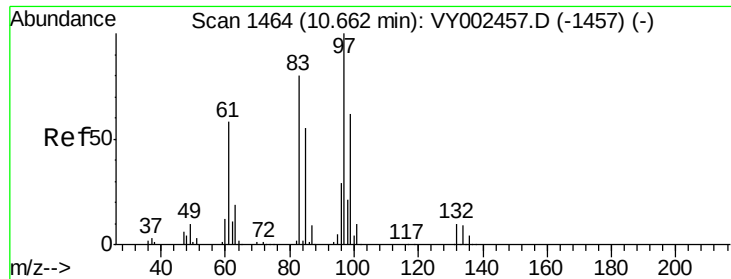
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 42.4 34.2 51.2

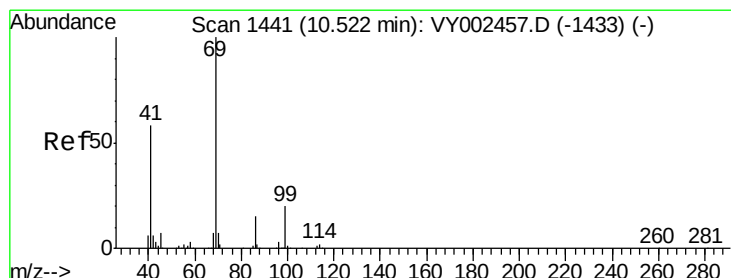
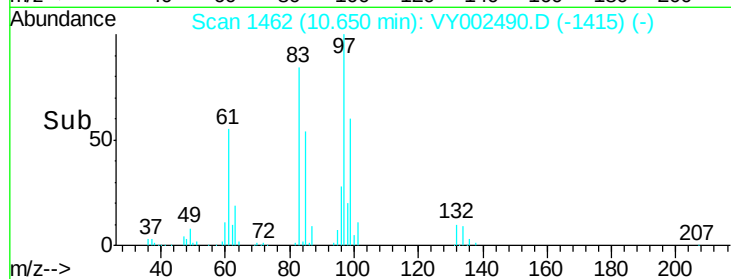
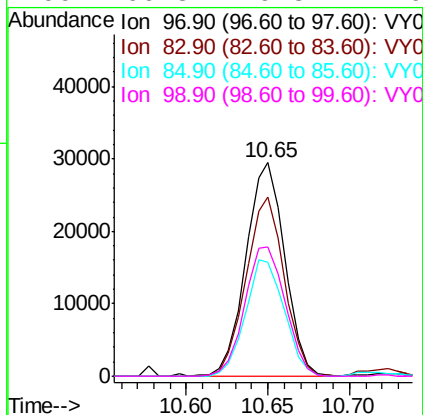
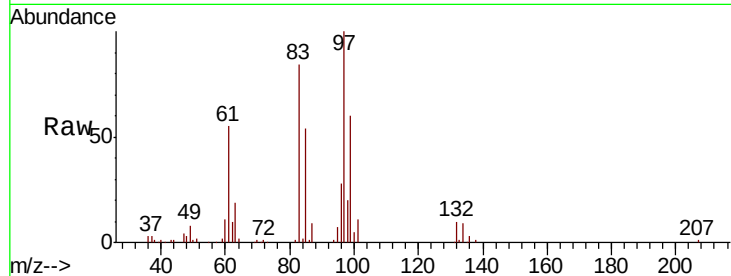




#55
 1,1,2-Trichloroethane
 Concen: 20.604 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

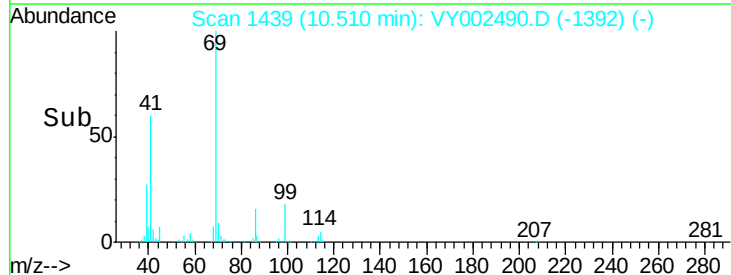
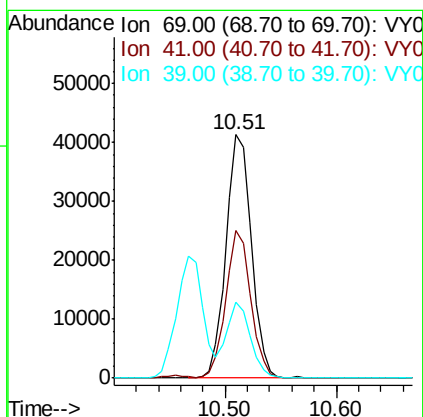
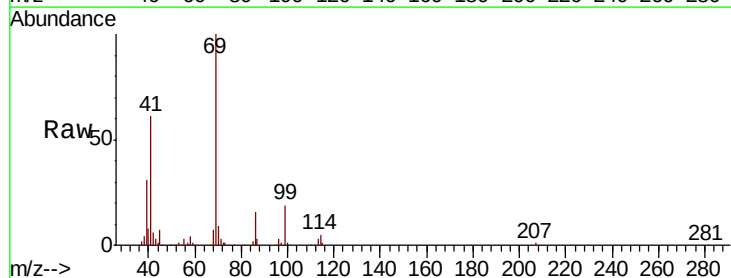
Instrument :
 MSVOA_Y
 ClientSampleId :

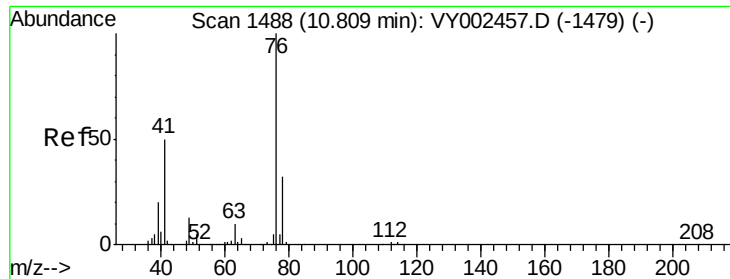
Tot Ion:	97	Resp:	48816
Ion	Ratio	Lower	Upper
97	100		
83	84.0	63.8	95.8
85	53.5	43.9	65.9
99	60.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.257 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion:	69	Resp:	65578
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.5	71.3
39	29.2	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.611 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.02 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

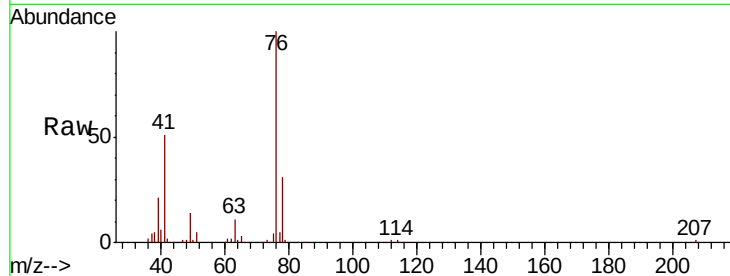
ClientSampleId :

Tot Ion: 76 Resp: 82443

Ion Ratio Lower Upper

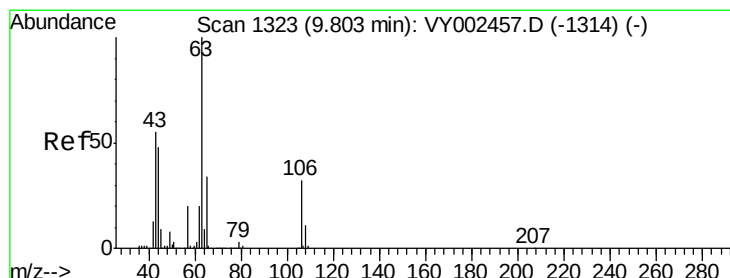
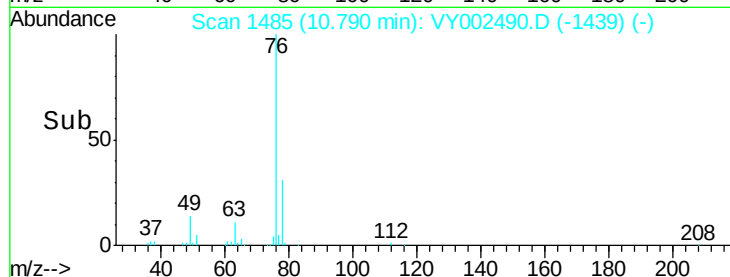
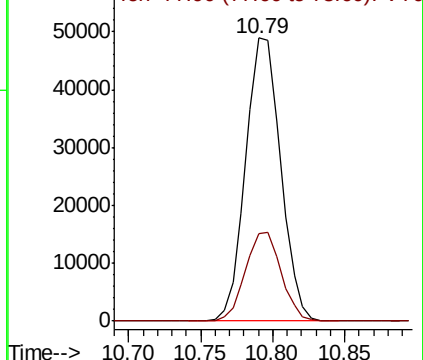
76 100

78 31.7 26.2 39.4



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: 99.826 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002490.D

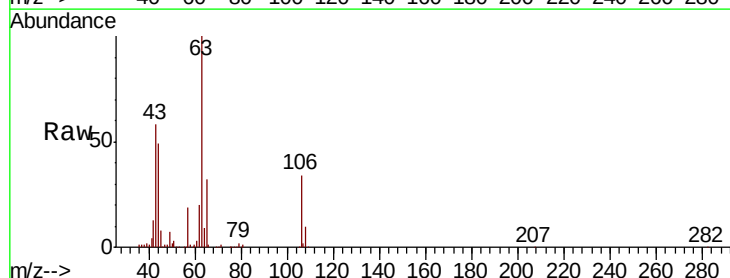
Acq: 28 Apr 2020 13:35

Tgt Ion: 63 Resp: 156275

Ion Ratio Lower Upper

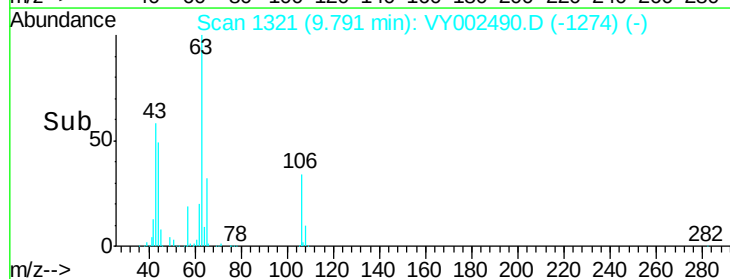
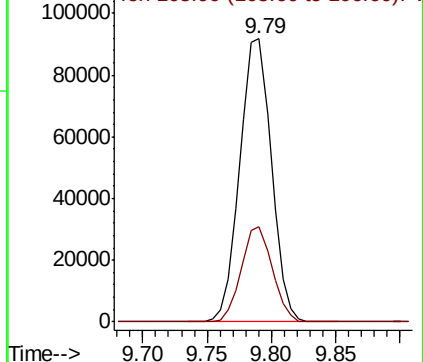
63 100

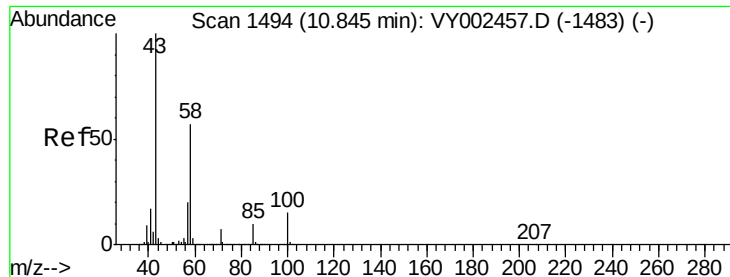
106 33.0 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

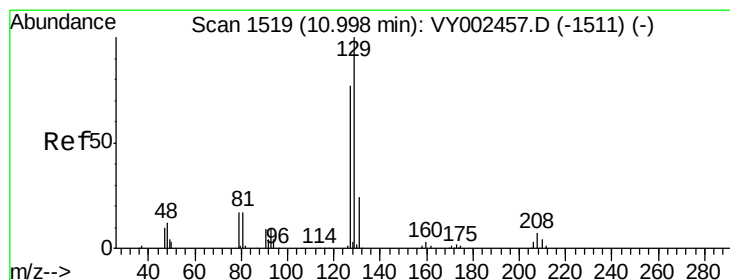
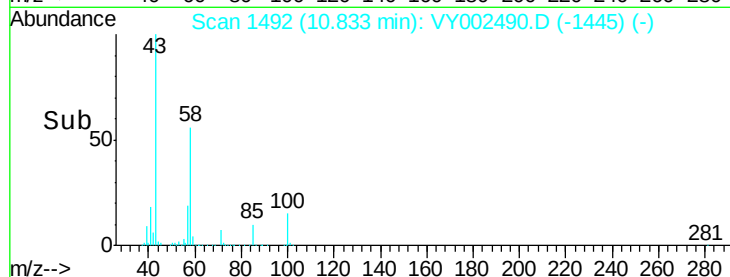
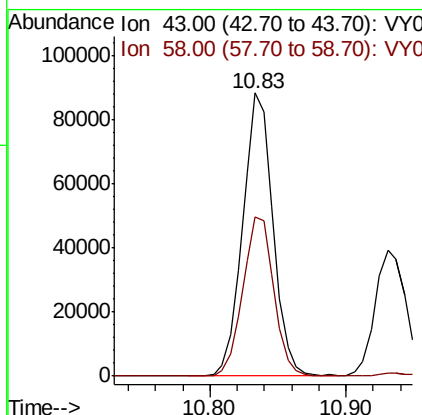
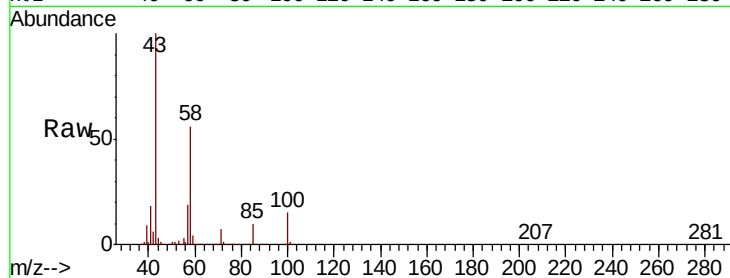




#59
2-Hexanone
Concen: 98.215 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

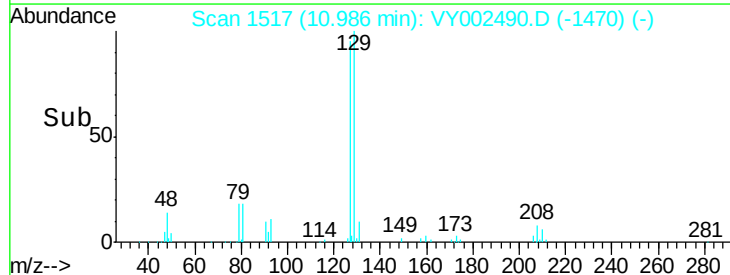
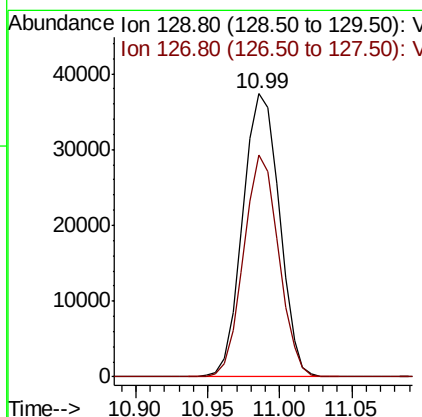
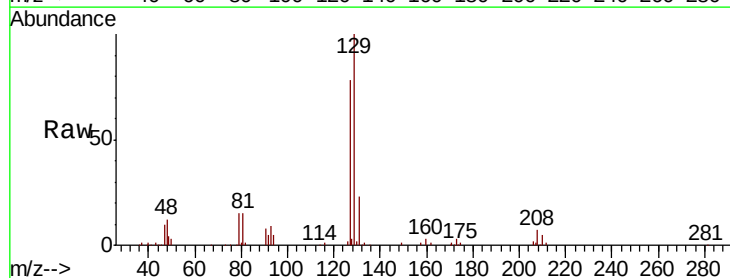
Instrument :
MSVOA_Y
ClientSampleId :

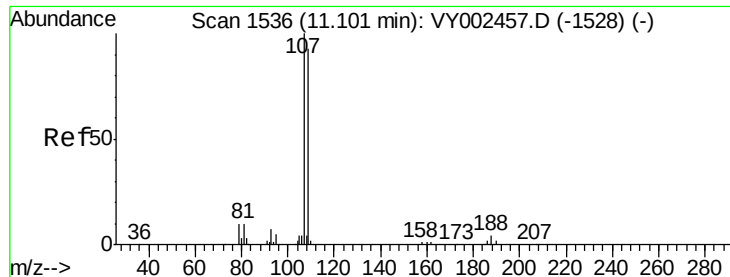
Tot Ion: 43 Resp: 137372
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.4



#60
Dibromochloromethane
Concen: 21.244 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 129 Resp: 65950
Ion Ratio Lower Upper
129 100
127 74.7 38.3 114.9

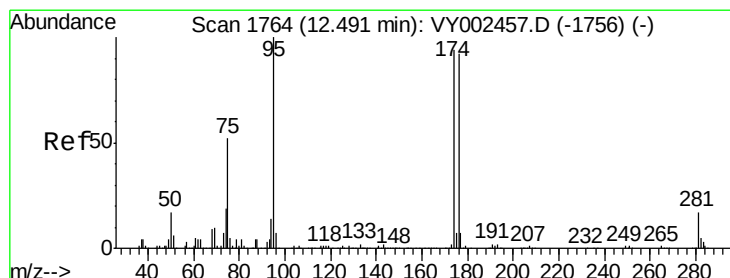
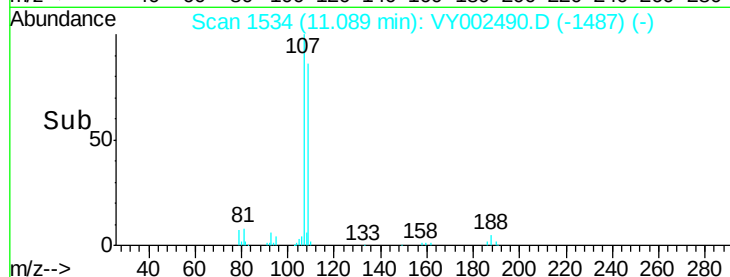
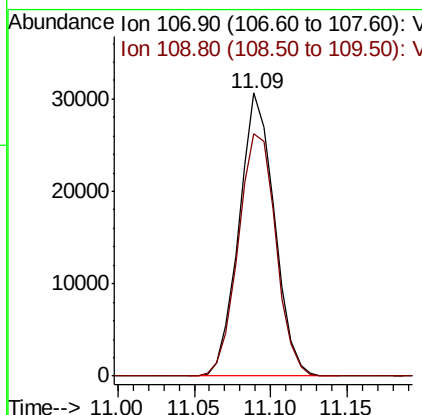
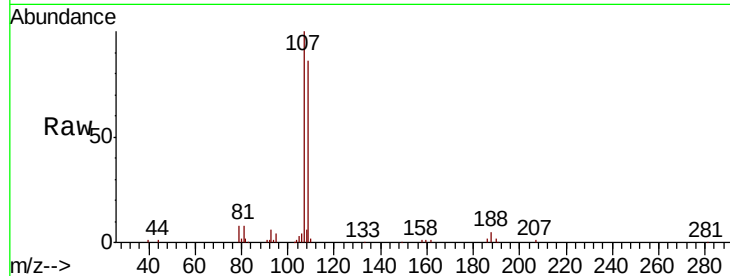




#61
 1,2-Dibromoethane
 Concen: 20.952 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

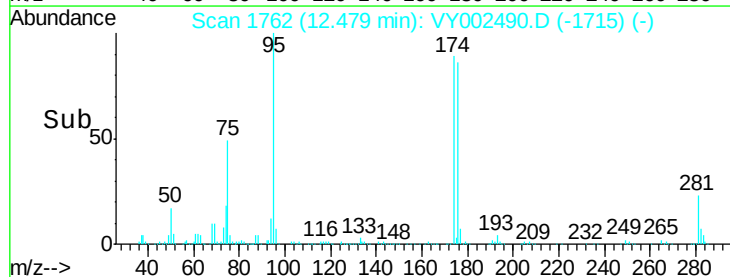
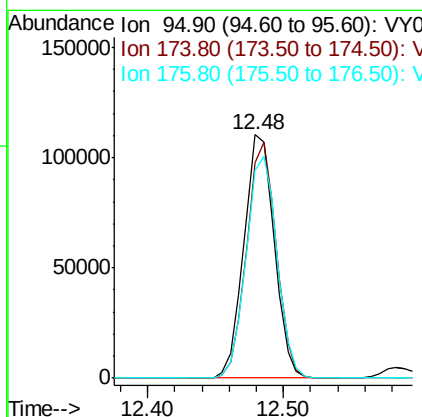
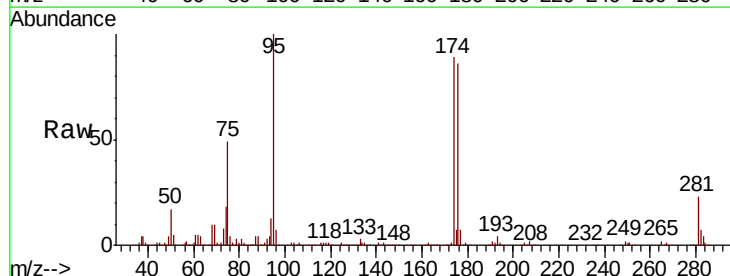
Instrument :
 MSVOA_Y
 ClientSampleId :

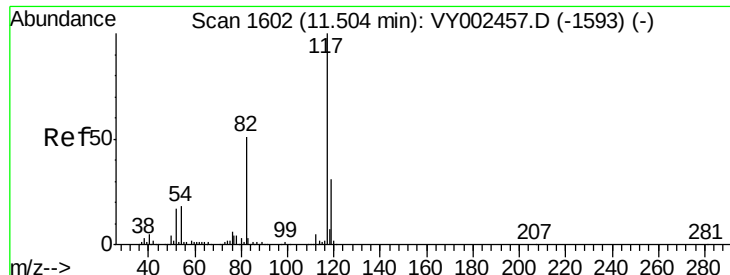
Tot Ion: 107 Resp: 49223
 Ion Ratio Lower Upper
 107 100
 109 91.0 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 47.571 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion: 95 Resp: 173514
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 193.0
 176 92.4 0.0 190.4

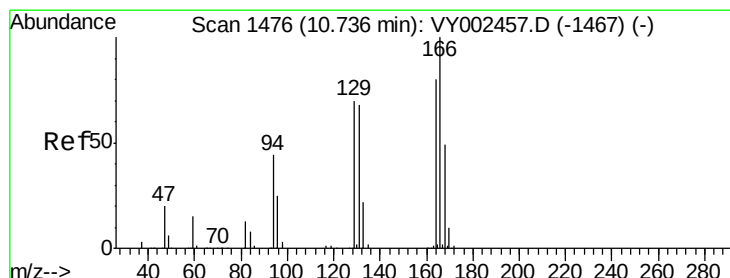
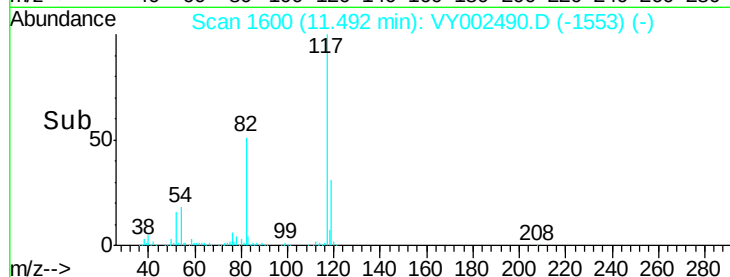
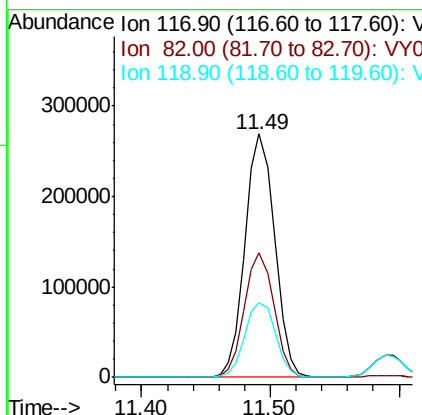
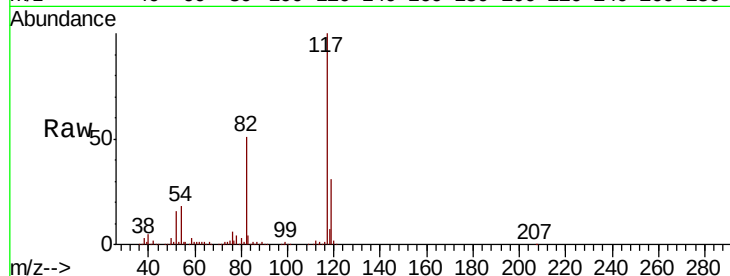




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

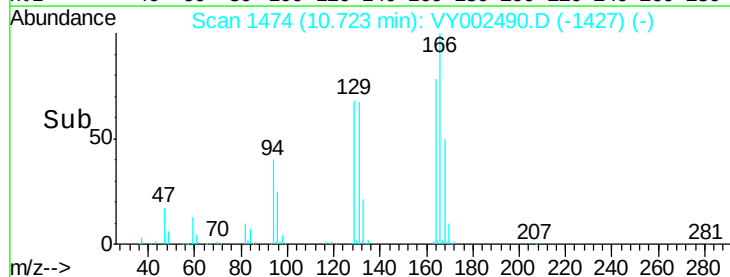
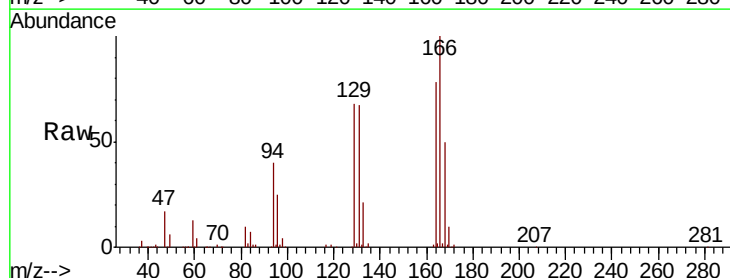
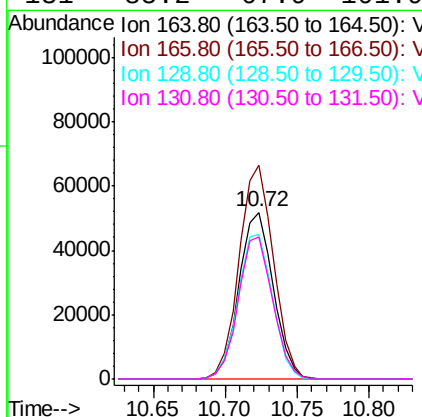
Instrument :
MSVOA_Y
ClientSampleId :

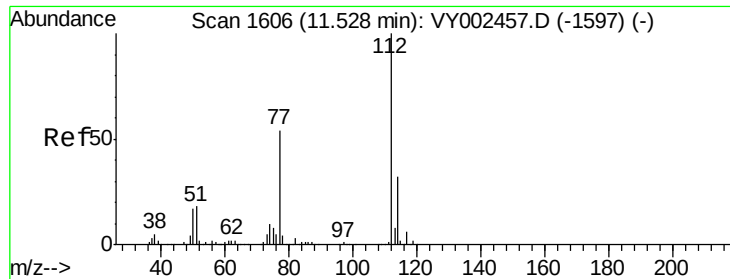
Tot Ion:117 Resp: 428006
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 30.9 25.2 37.8



#64
Tetrachloroethene
Concen: 21.796 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion:164 Resp: 85497
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 86.9 69.8 104.8
131 85.2 67.9 101.9

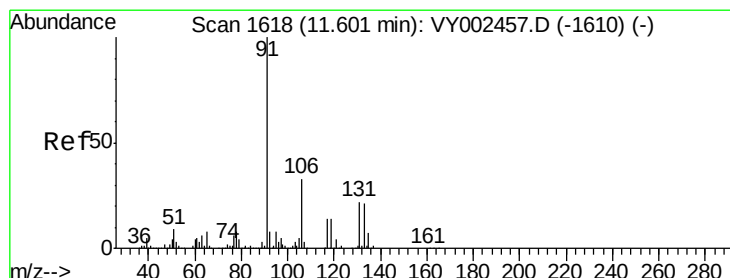
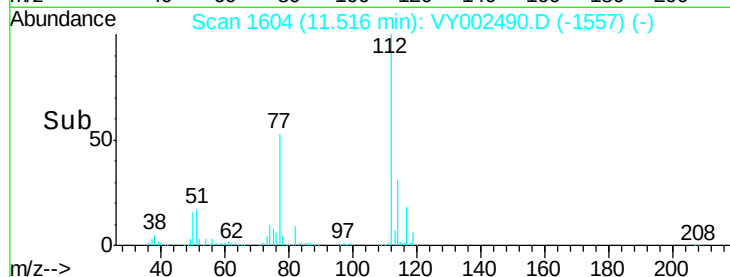
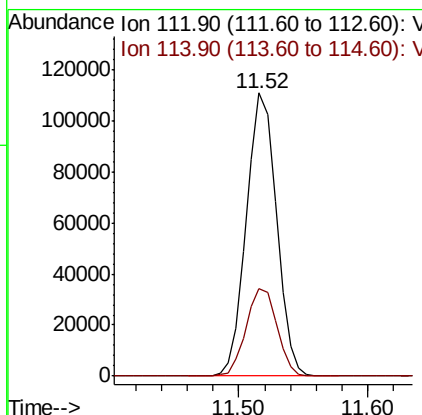
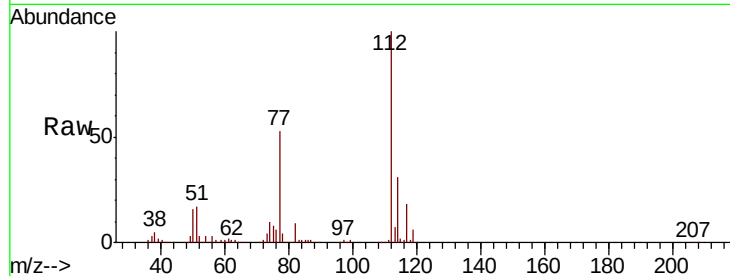




#65
Chlorobenzene
Concen: 21.657 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

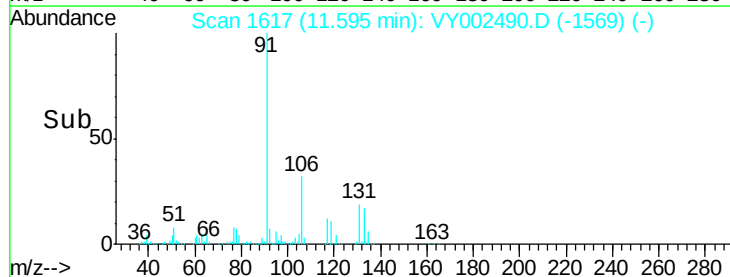
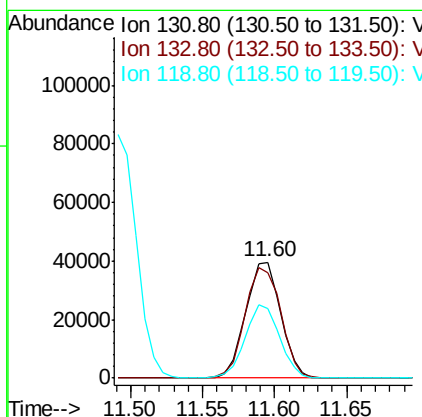
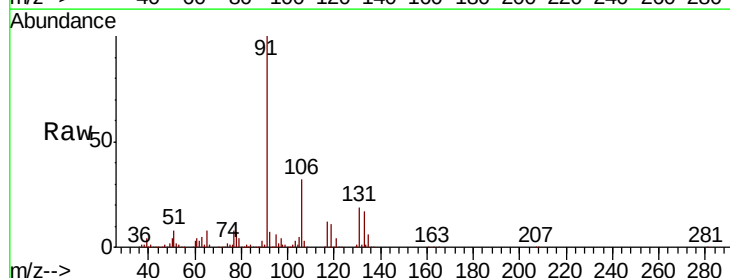
Instrument :
MSVOA_Y
ClientSampleId :

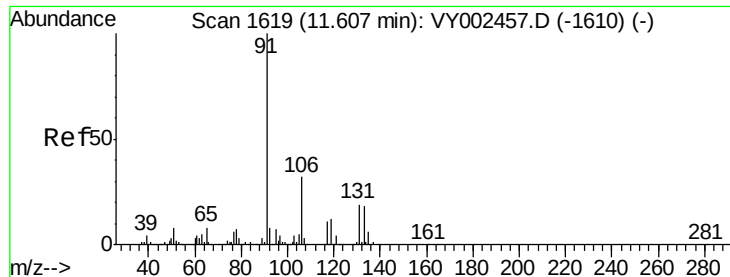
Tot Ion:112 Resp: 178698
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.527 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion:131 Resp: 66648
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 61.9 31.1 93.3





#67

Ethyl Benzene

Concen: 21.326 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

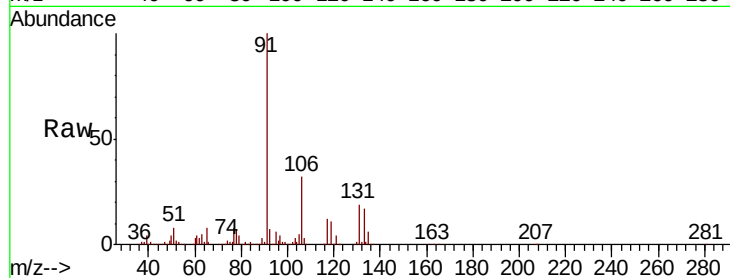
ClientSampled :

Tot Ion: 91 Resp: 313615

Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

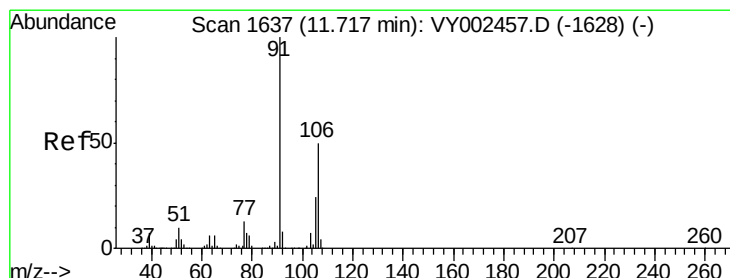
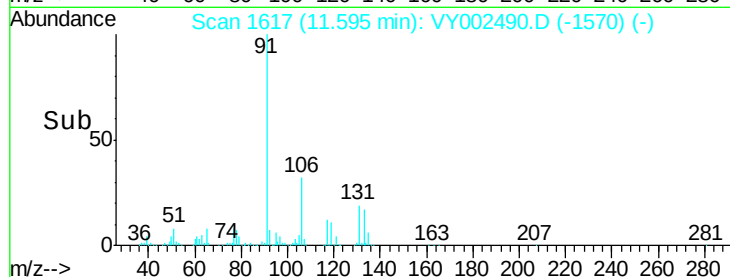
100000

50000

0

11.50 11.55 11.60 11.65

Time-->



#68

m/p-Xylenes

Concen: 42.652 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002490.D

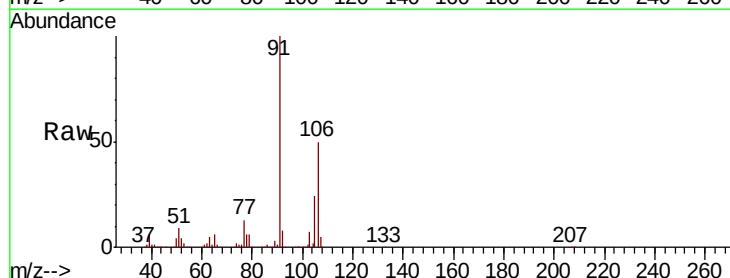
Acq: 28 Apr 2020 13:35

Tgt Ion:106 Resp: 241457

Ion Ratio Lower Upper

106 100

91 196.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

300000

250000

200000

150000

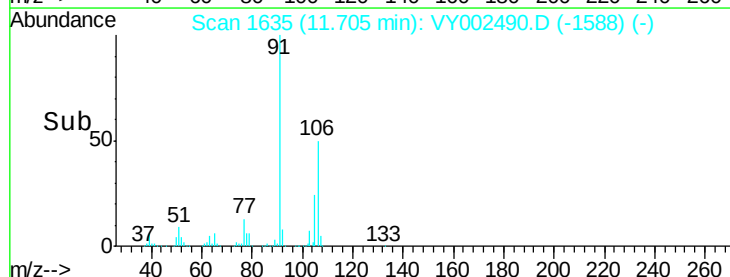
100000

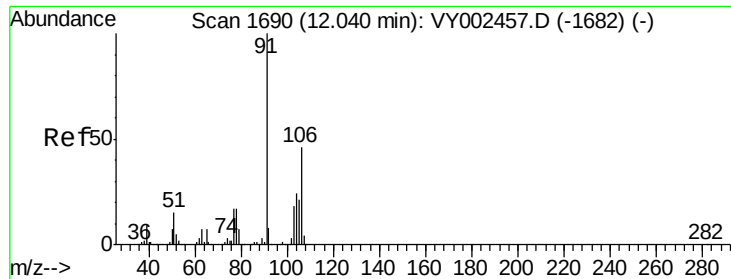
50000

0

11.60 11.70 11.80

Time-->

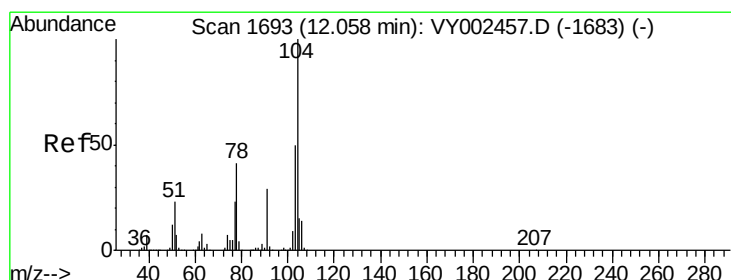
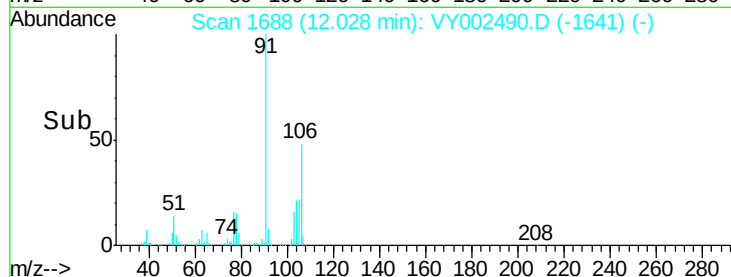
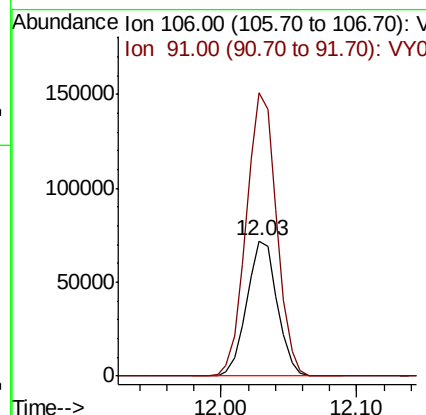
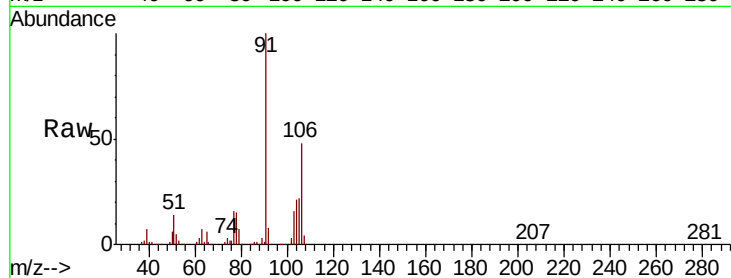




#69
o-Xylene
Concen: 21.563 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

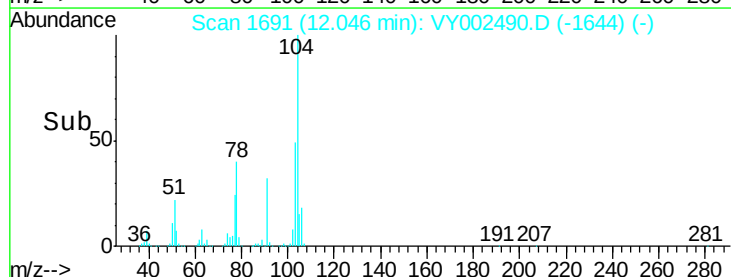
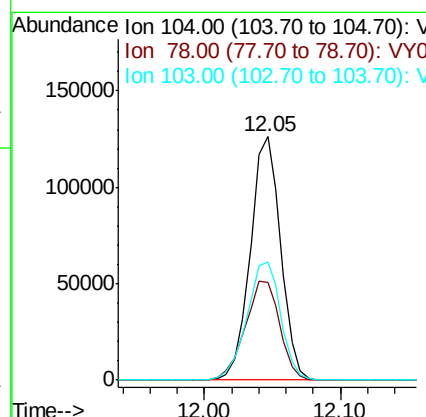
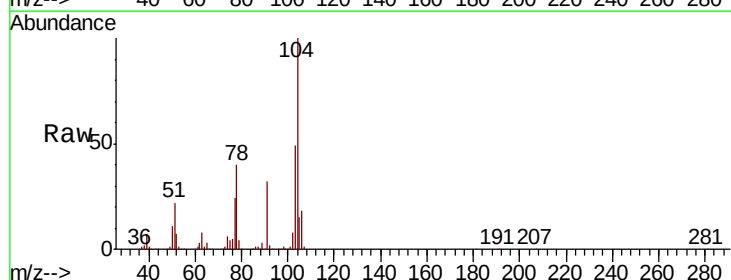
Instrument :
MSVOA_Y
ClientSampleId :

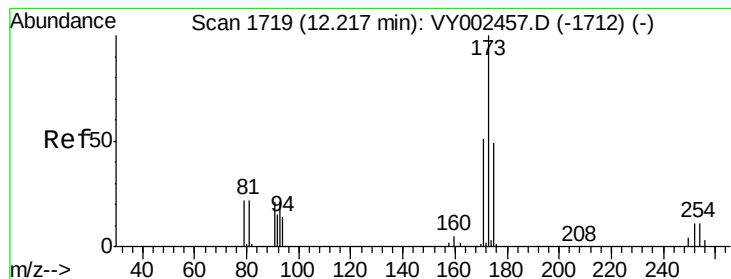
Tot Ion:106 Resp: 113045
Ion Ratio Lower Upper
106 100
91 208.3 104.5 313.3



#70
Styrene
Concen: 21.619 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion:104 Resp: 197344
Ion Ratio Lower Upper
104 100
78 46.3 38.0 57.0
103 54.1 44.4 66.6





#71

Bromoform

Concen: 21.196 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

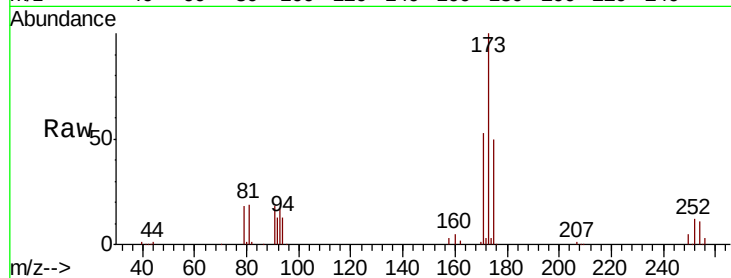
Tot Ion:173 Resp: 41341

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

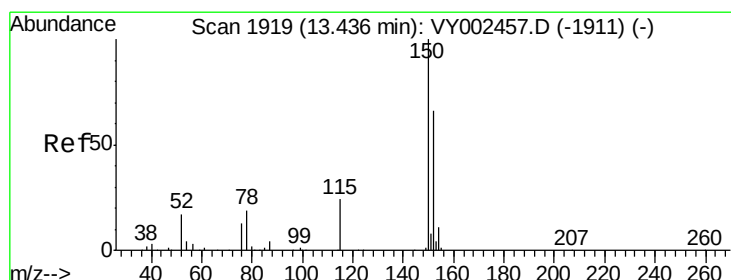
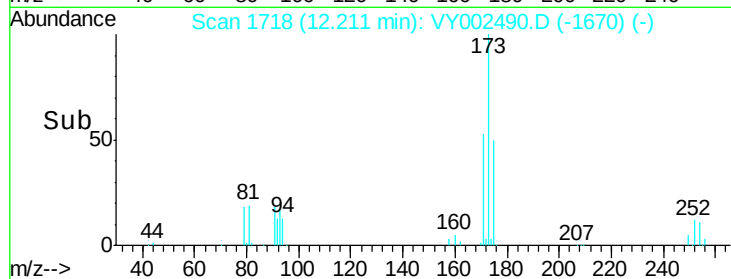
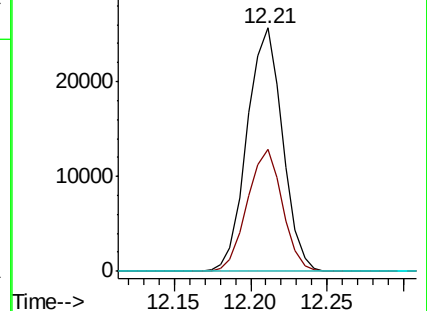
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

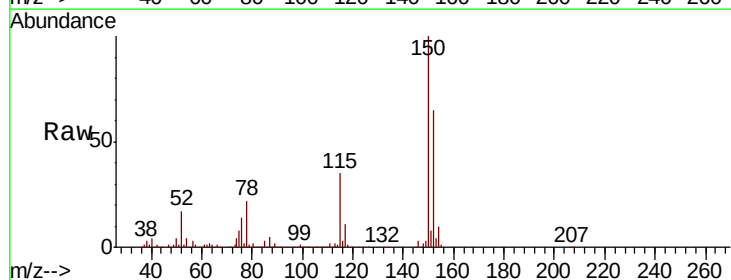
Tgt Ion:152 Resp: 223267

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.8

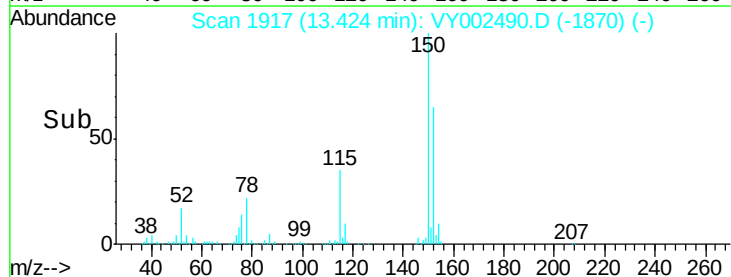
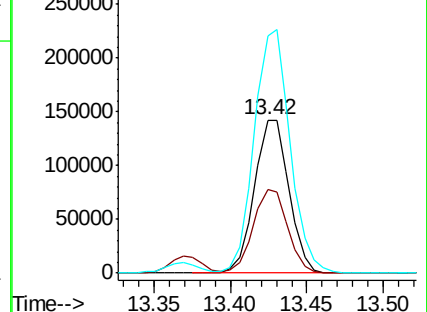
150 165.4 0.0 346.8

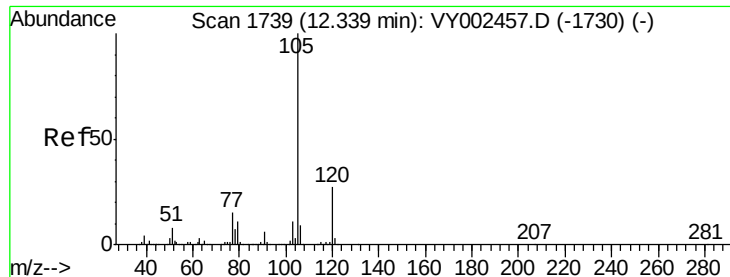


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

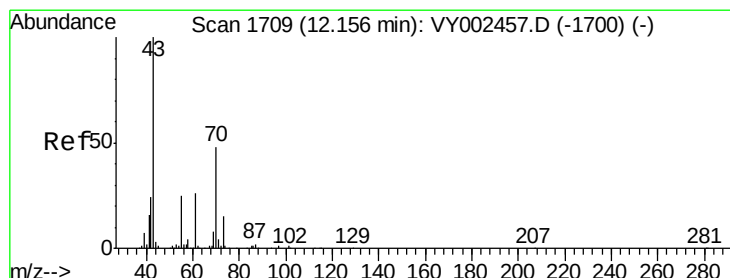
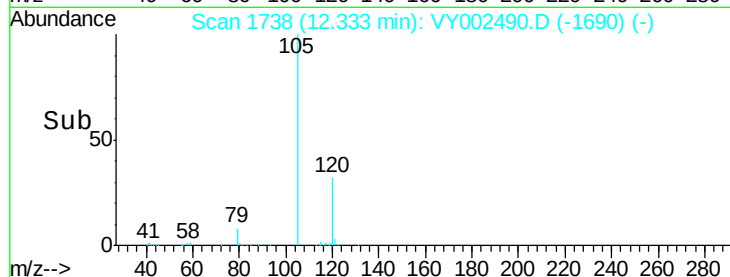
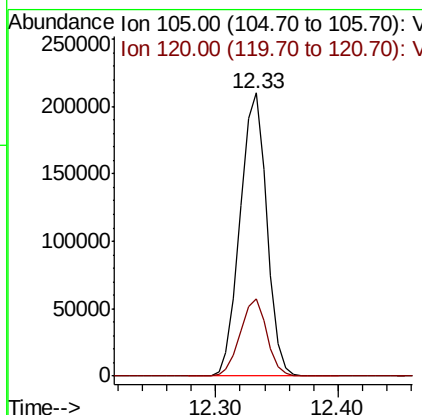
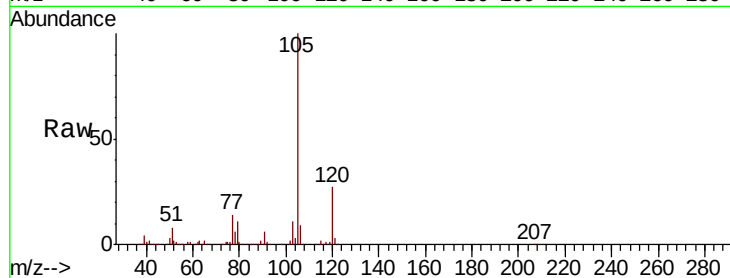




#73
Isopropylbenzene
Concen: 21.229 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

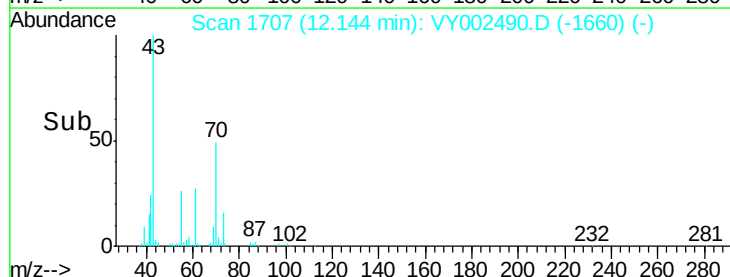
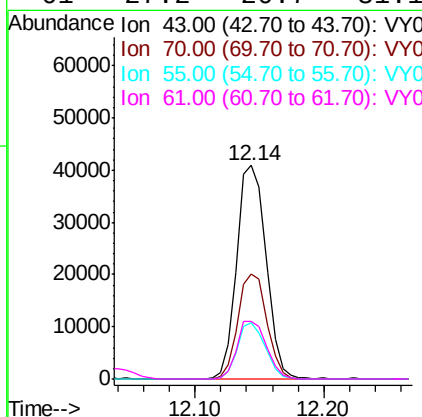
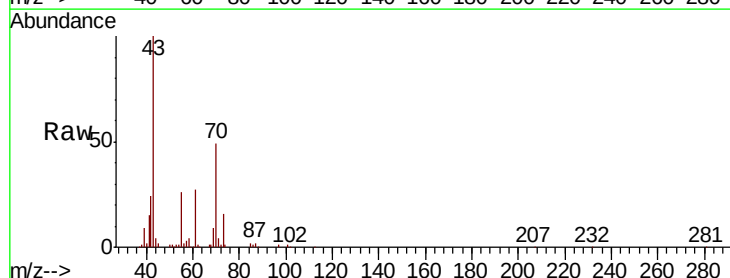
Instrument :
MSVOA_Y
ClientSampleId :

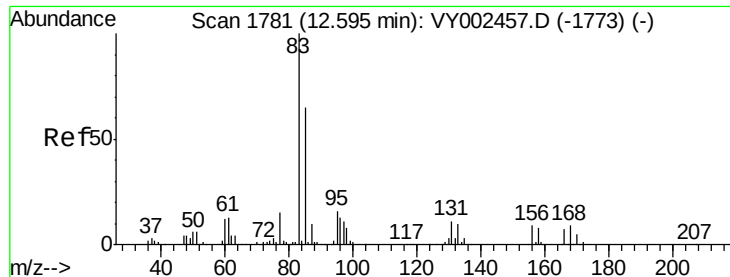
Tot Ion: 105 Resp: 316866
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 18.308 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002490.D
Acq: 28 Apr 2020 13:35

Tgt Ion: 43 Resp: 64755
Ion Ratio Lower Upper
43 100
70 48.6 37.2 55.8
55 25.4 19.6 29.4
61 27.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.958 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

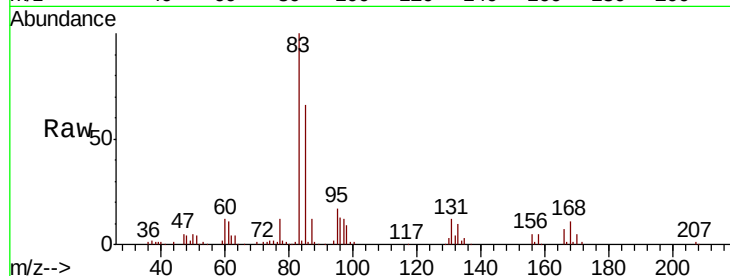
Tot Ion: 83 Resp: 45753

Ion Ratio Lower Upper

83 100

131 12.3 6.2 18.6

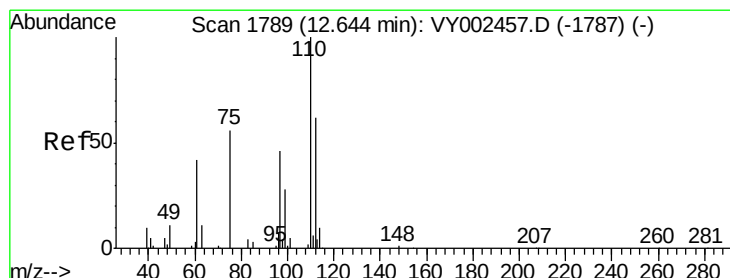
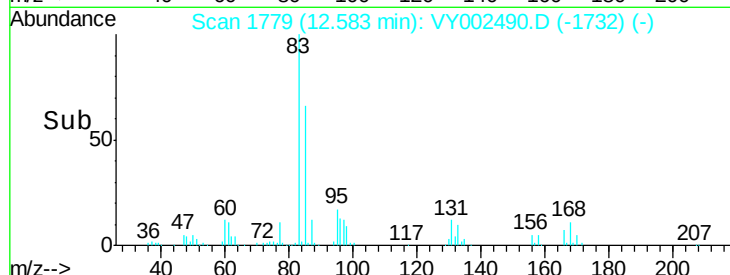
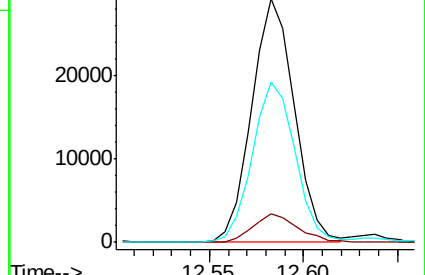
85 66.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002457.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002457.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002457.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 37.987 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002490.D

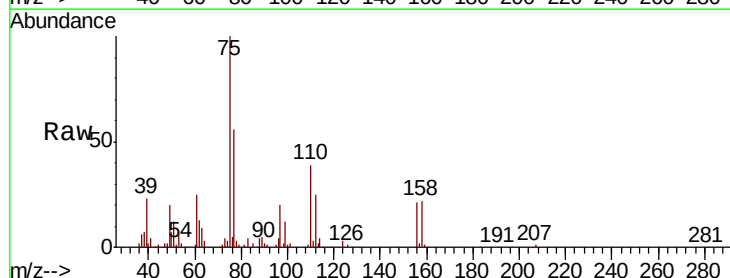
Acq: 28 Apr 2020 13:35

Tgt Ion: 75 Resp: 71883

Ion Ratio Lower Upper

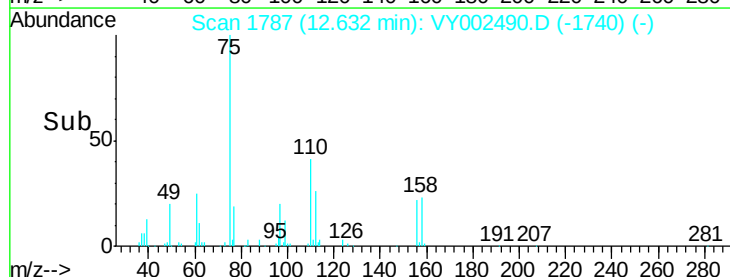
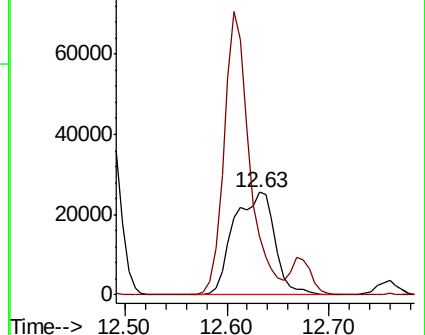
75 100

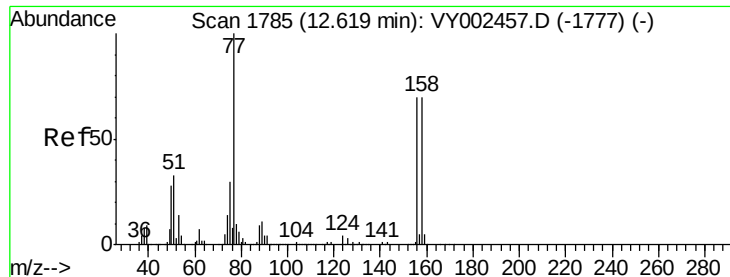
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002457.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY002457.D (-1787) (-)





#77

Bromobenzene

Concen: 21.205 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

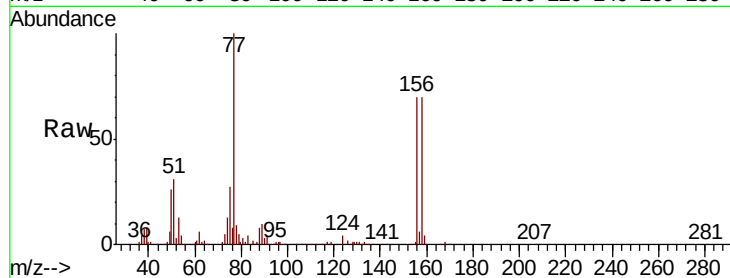
Tot Ion:156 Resp: 79382

Ion Ratio Lower Upper

156 100

77 154.6 78.5 235.7

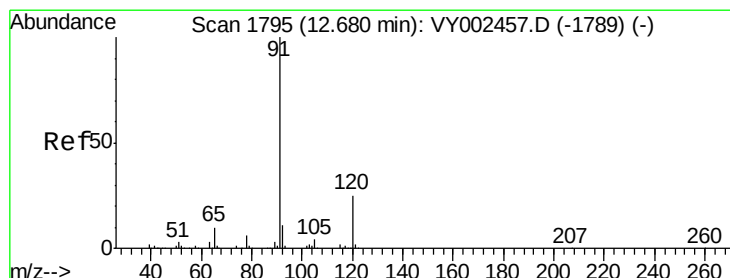
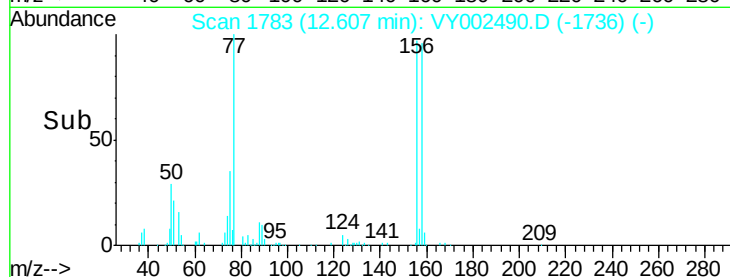
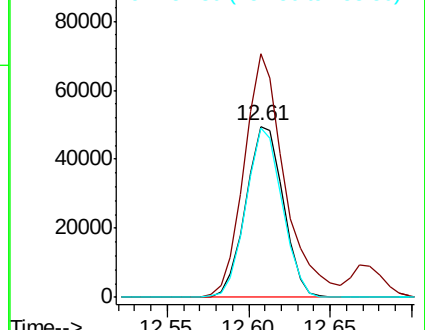
158 96.2 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.973 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002490.D

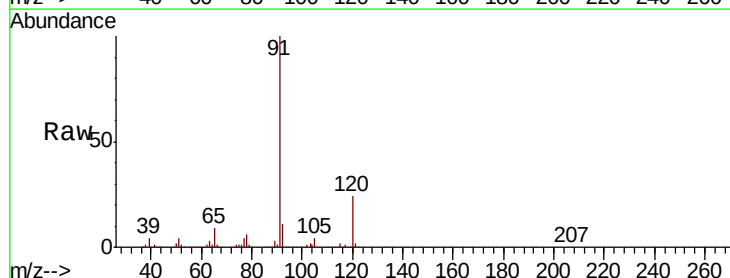
Acq: 28 Apr 2020 13:35

Tgt Ion: 91 Resp: 363486

Ion Ratio Lower Upper

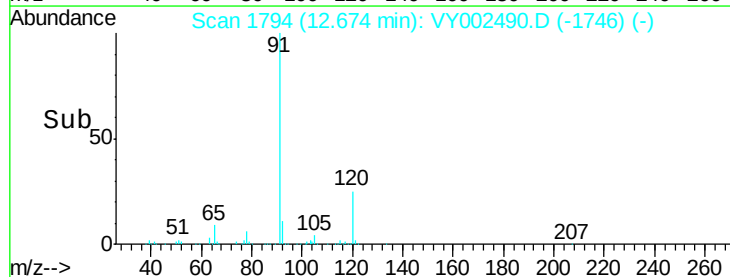
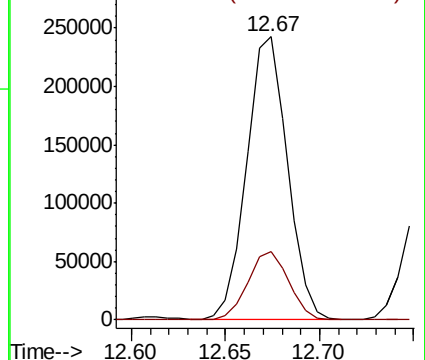
91 100

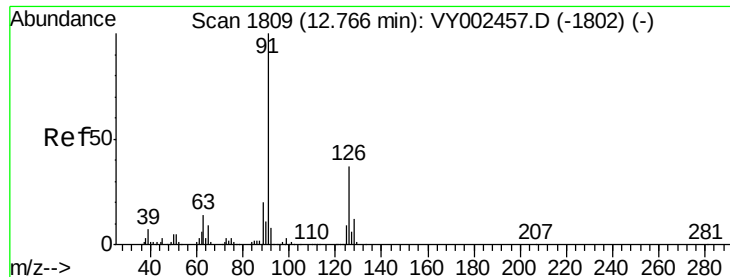
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.883 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

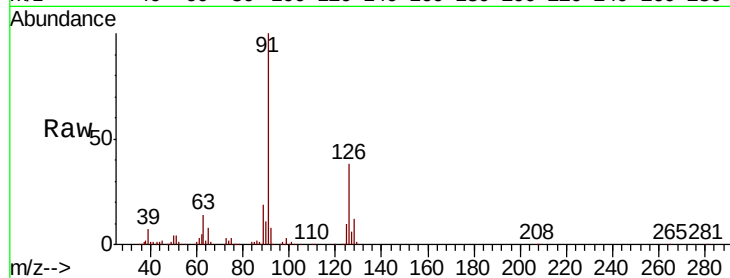
ClientSampleId :

Tot Ion: 91 Resp: 198037

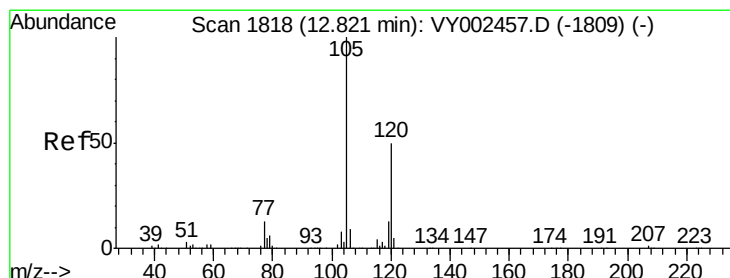
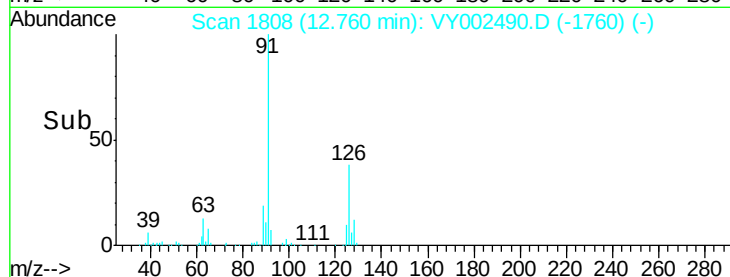
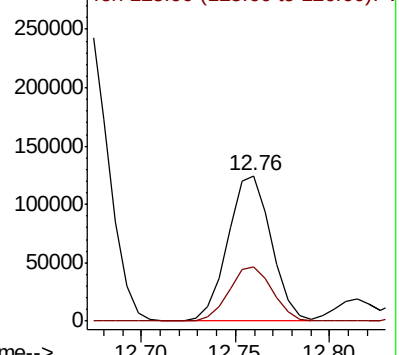
Ion Ratio Lower Upper

91 100

126 37.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.022 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002490.D

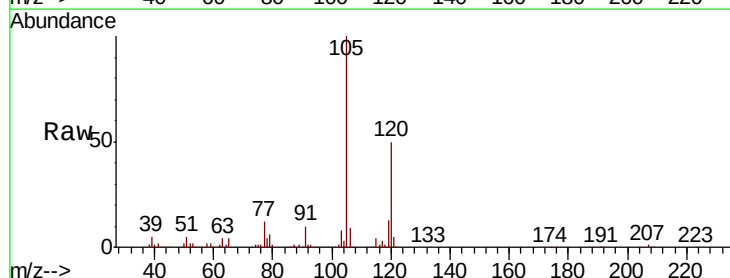
Acq: 28 Apr 2020 13:35

Tgt Ion:105 Resp: 266319

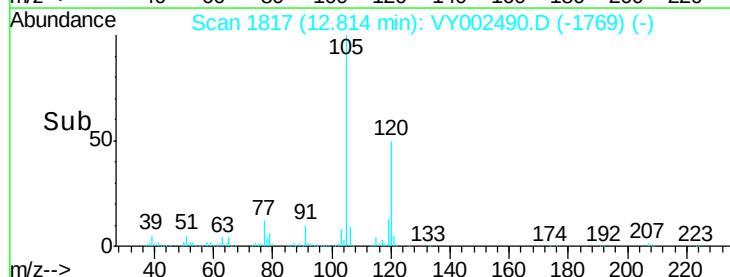
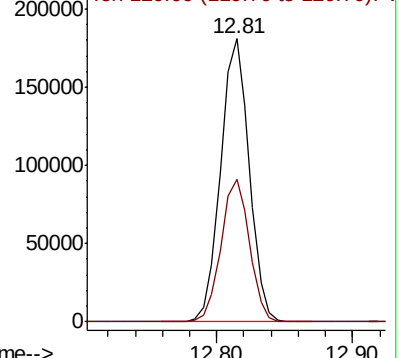
Ion Ratio Lower Upper

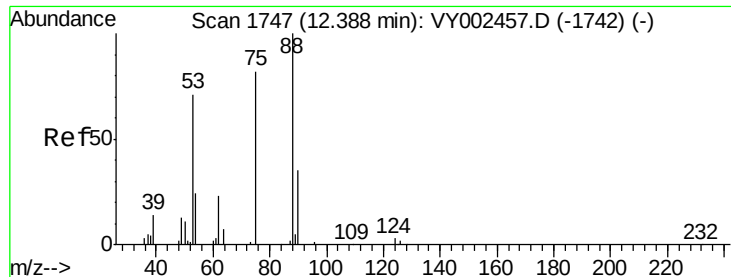
105 100

120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.837 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

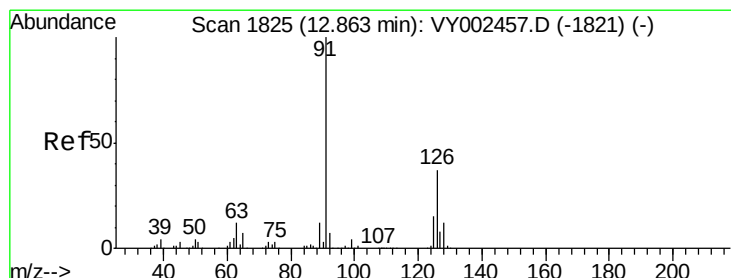
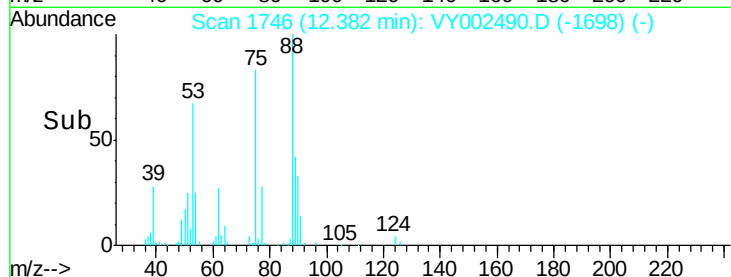
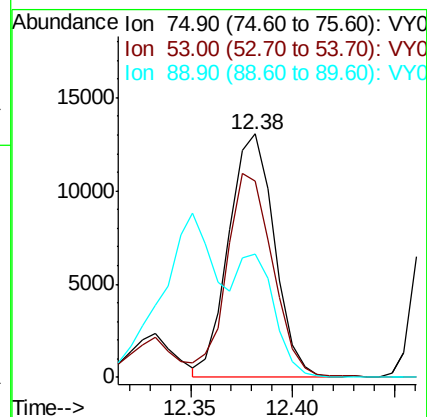
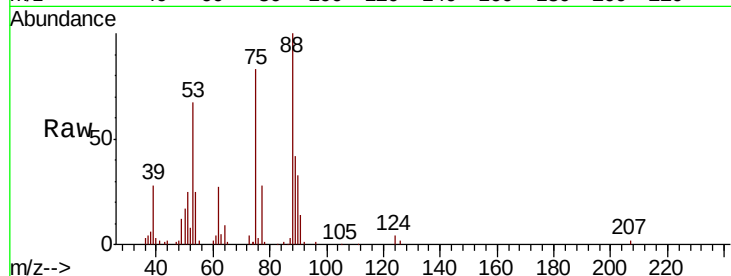
Tot Ion: 75 Resp: 20285

Ion Ratio Lower Upper

75 100

53 84.1 70.0 105.0

89 39.8 34.9 52.3



#82

4-Chlorotoluene

Concen: 21.567 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002490.D

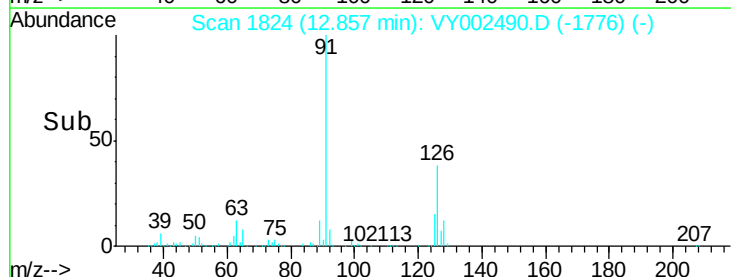
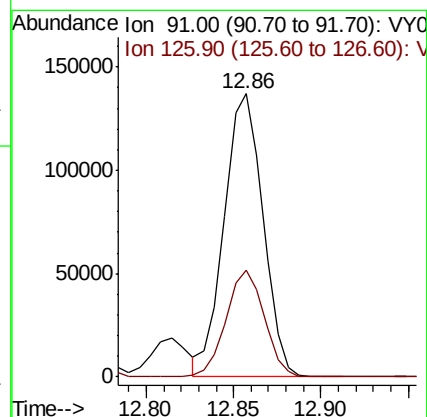
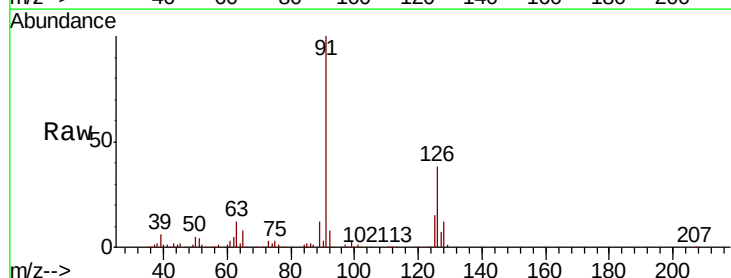
Acq: 28 Apr 2020 13:35

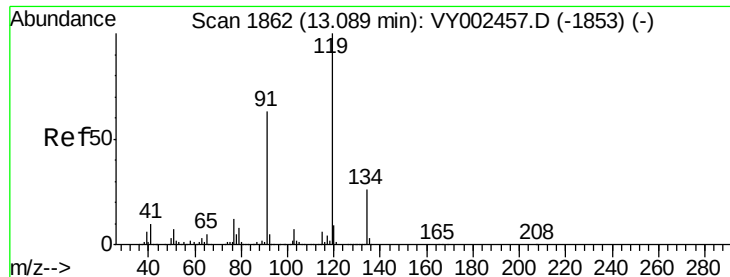
Tgt Ion: 91 Resp: 211383

Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5

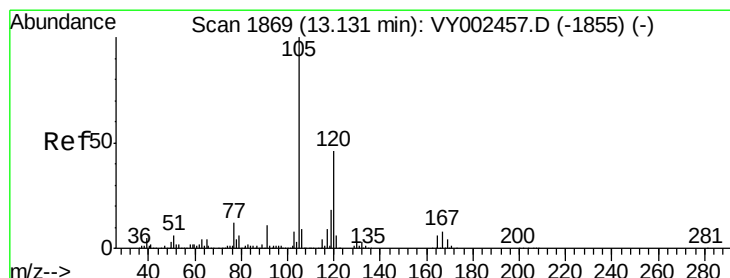
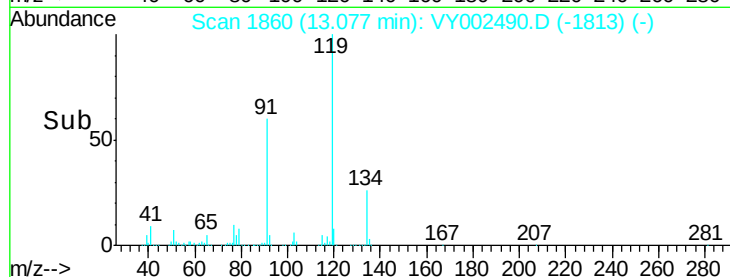
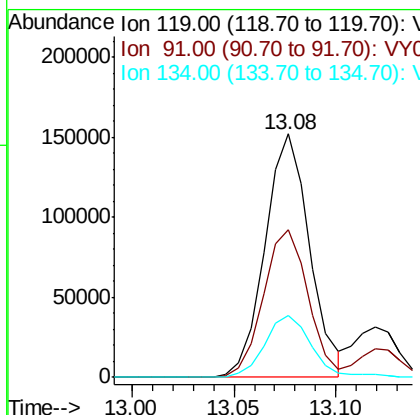
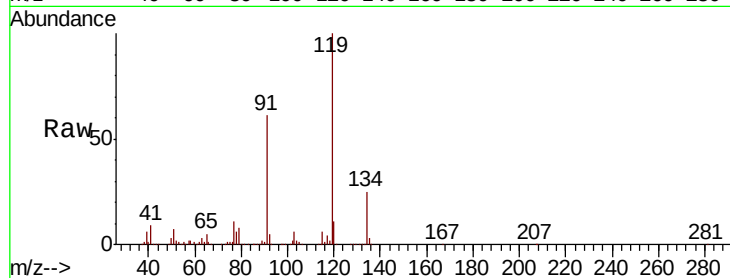




#83
 tert-Butylbenzene
 Concen: 21.055 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

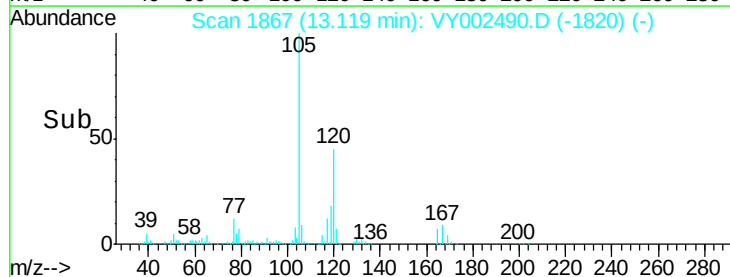
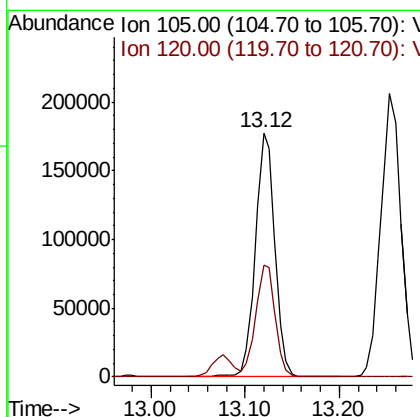
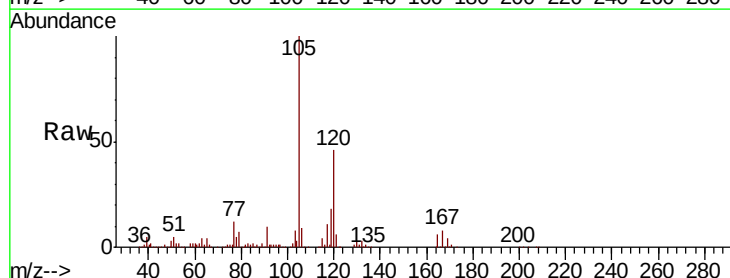
Instrument :
 MSVOA_Y
 ClientSampleId :

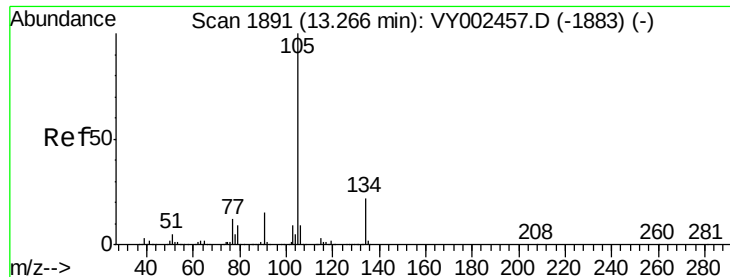
Tot Ion:119 Resp: 231630
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.8 92.3
 134 26.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.321 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion:105 Resp: 259143
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.875 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

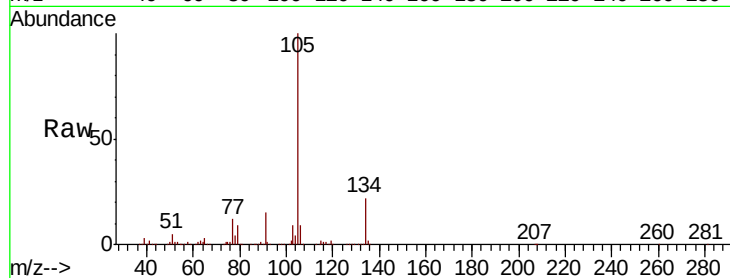
ClientSampleId :

Tot Ion:105 Resp: 307509

Ion Ratio Lower Upper

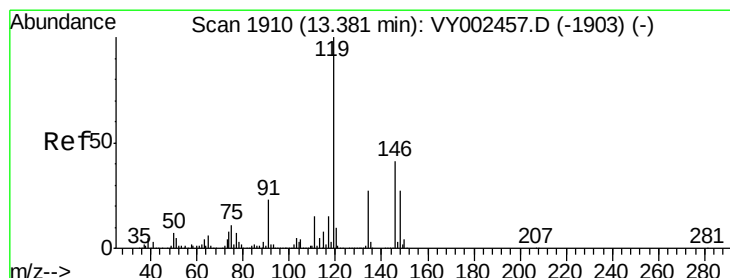
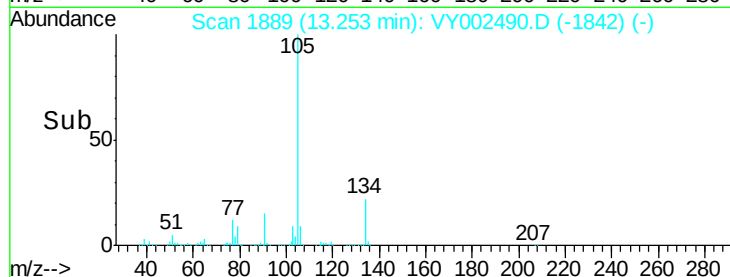
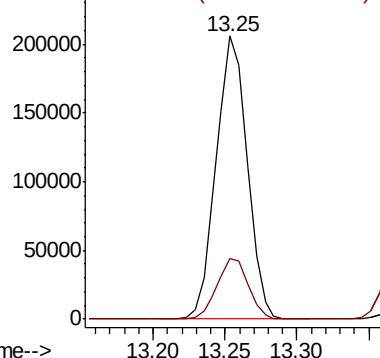
105 100

134 21.8 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.349 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

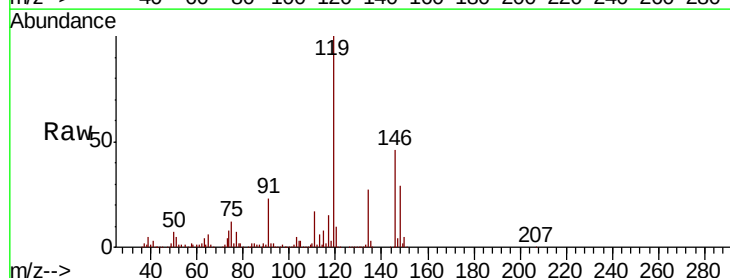
Tgt Ion:119 Resp: 299918

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

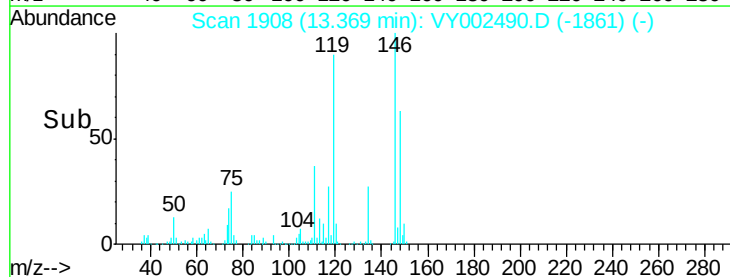
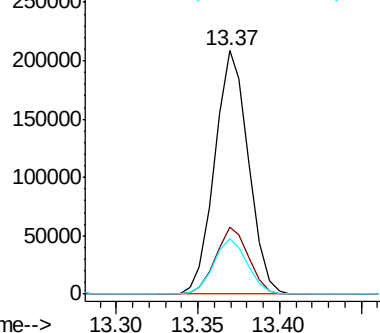
91 22.7 11.5 34.4

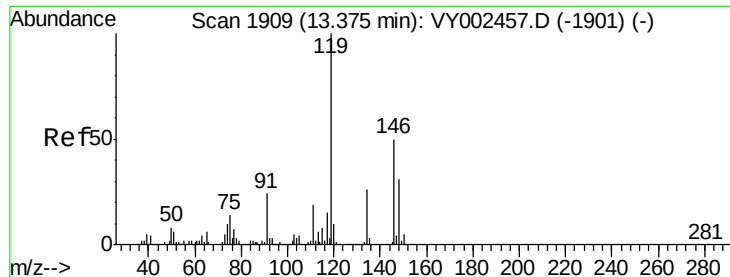


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

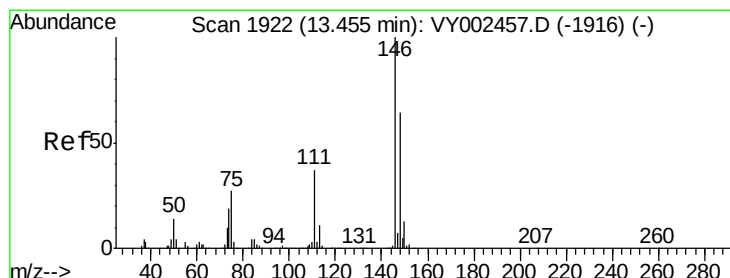
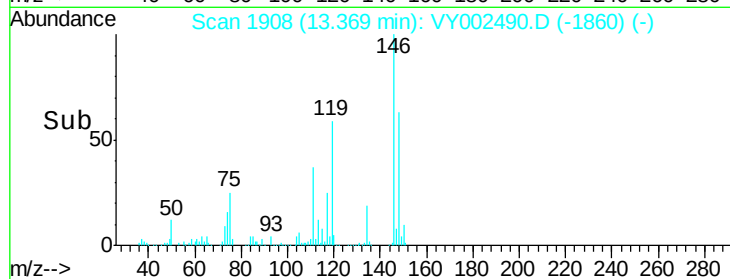
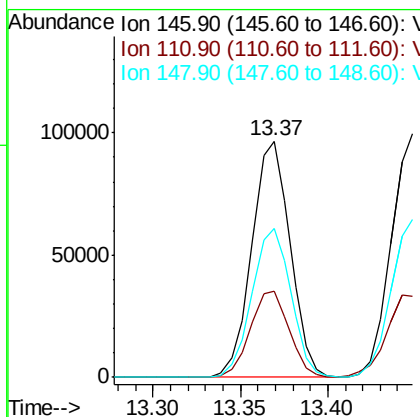
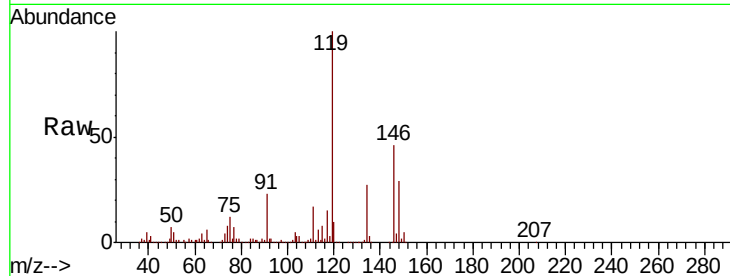




#87
 1,3-Dichlorobenzene
 Concen: 21.272 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

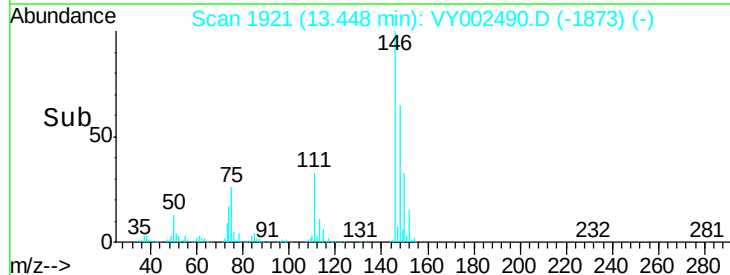
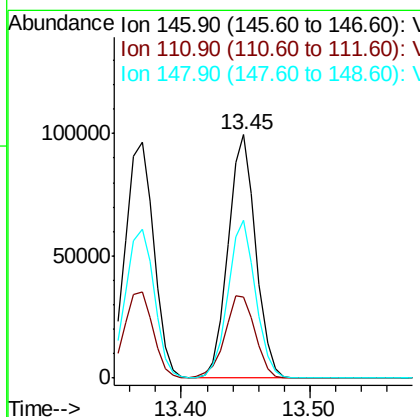
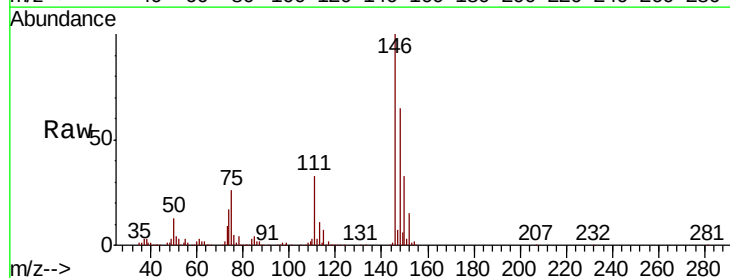
Instrument :
 MSVOA_Y
 ClientSampleId :

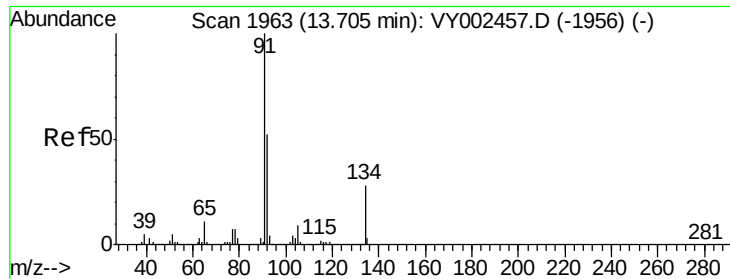
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.660 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.9	32.1	96.5





#89

n-Butylbenzene

Concen: 21.091 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampled :

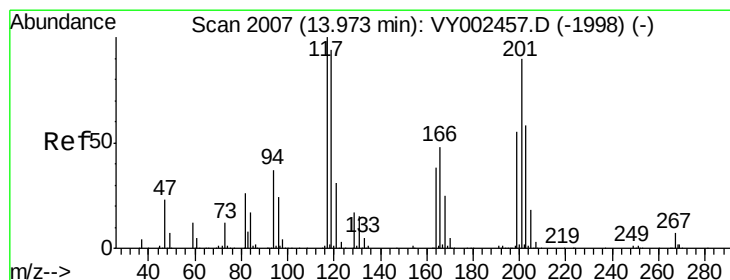
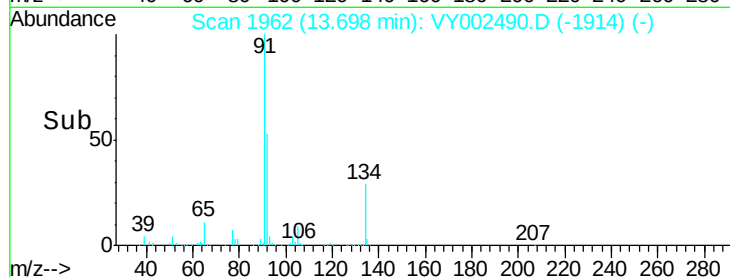
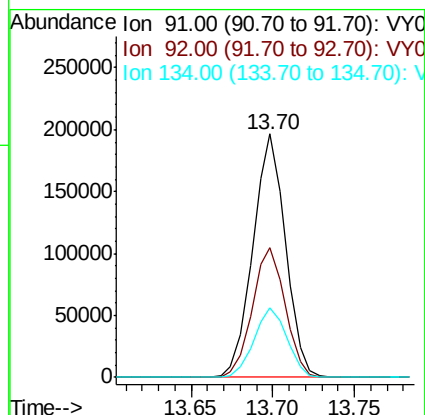
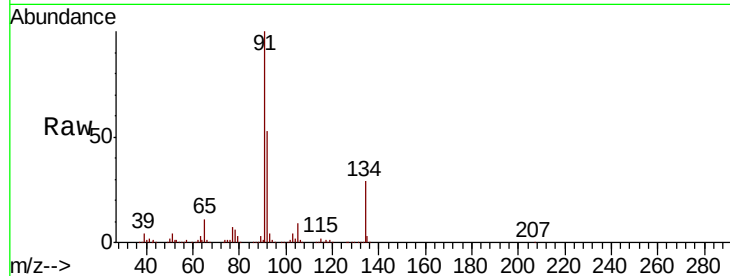
Tot Ion: 91 Resp: 273323

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.4

134 28.9 14.3 42.9



#90

Hexachloroethane

Concen: 16.924 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002490.D

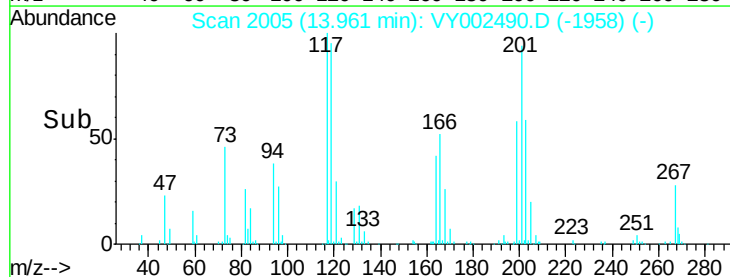
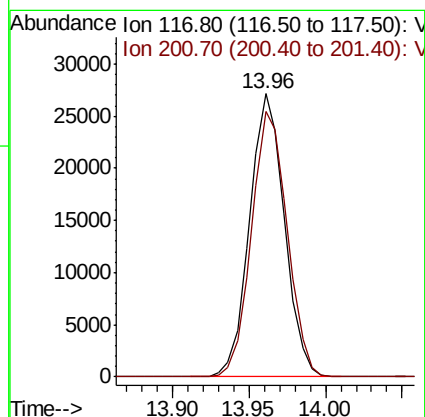
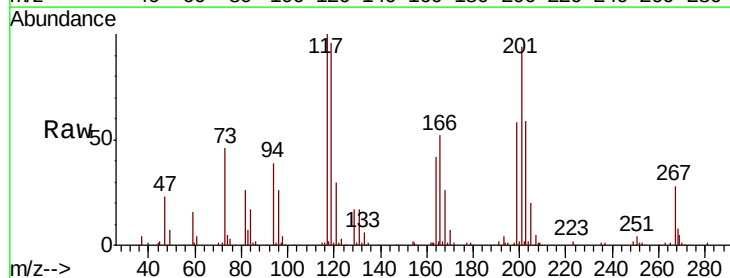
Acq: 28 Apr 2020 13:35

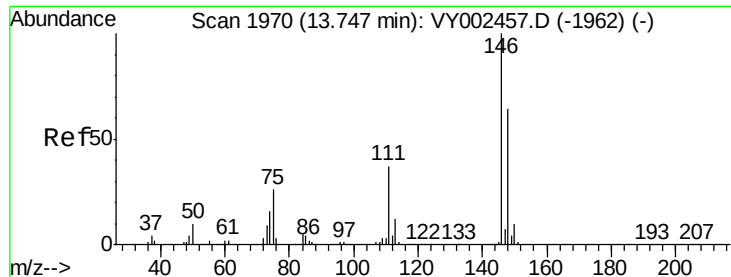
Tgt Ion: 117 Resp: 42972

Ion Ratio Lower Upper

117 100

201 96.0 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 21.598 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

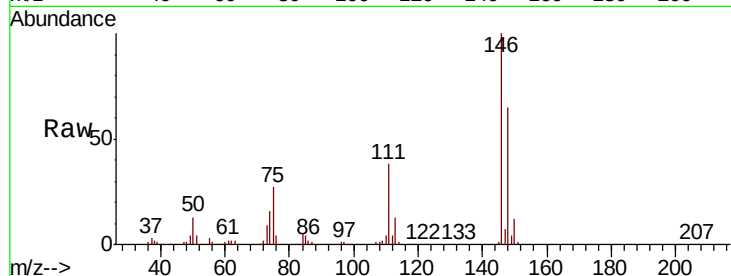
Tot Ion:146 Resp: 128786

Ion Ratio Lower Upper

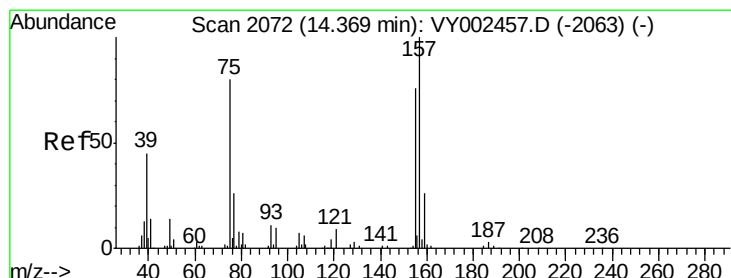
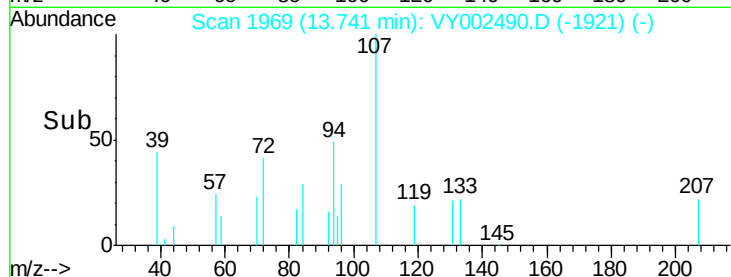
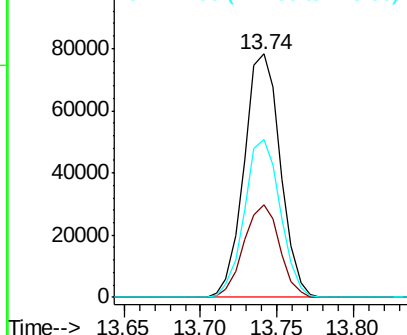
146 100

111 37.7 18.9 56.9

148 64.4 31.6 94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.984 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

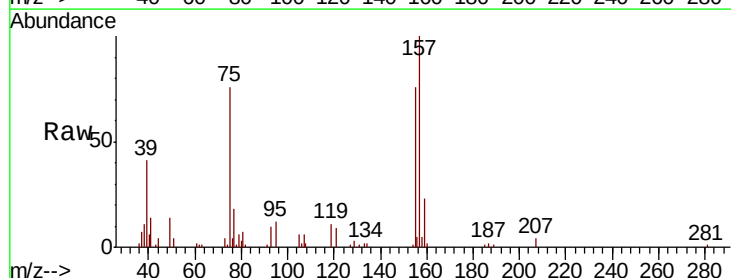
Tgt Ion: 75 Resp: 9095

Ion Ratio Lower Upper

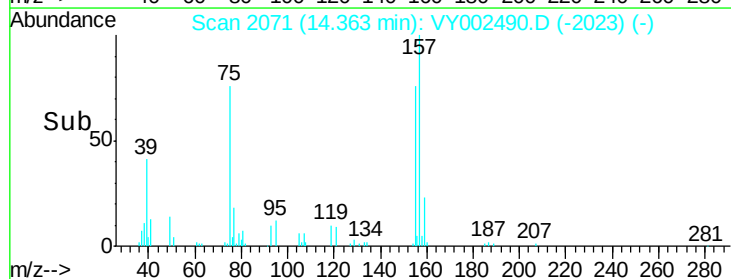
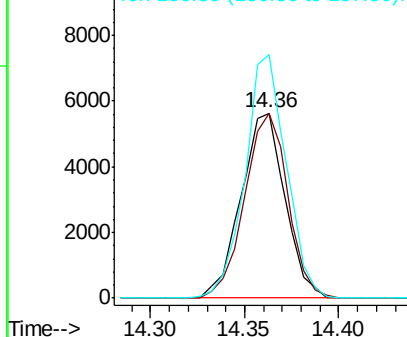
75 100

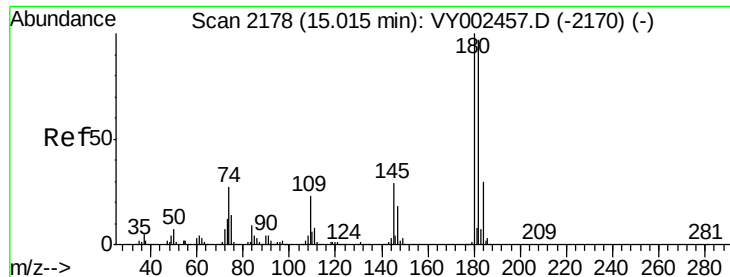
155 98.3 49.6 149.0

157 123.7 62.6 187.9



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

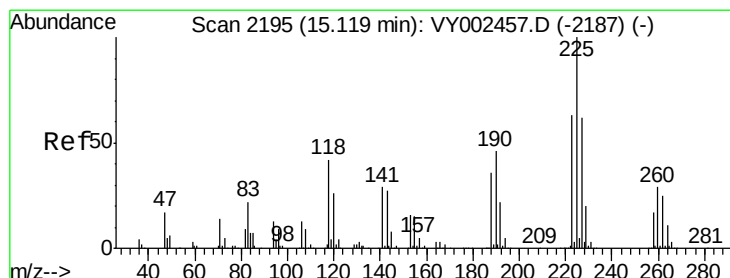
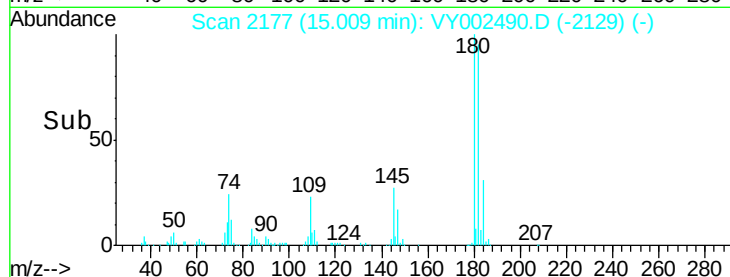
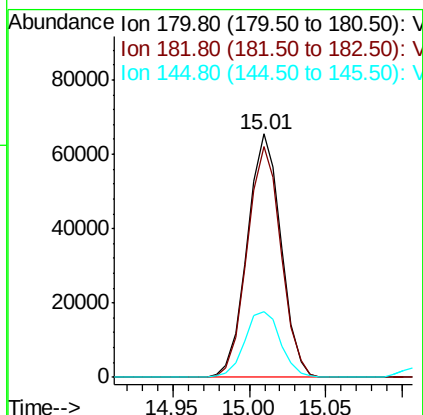
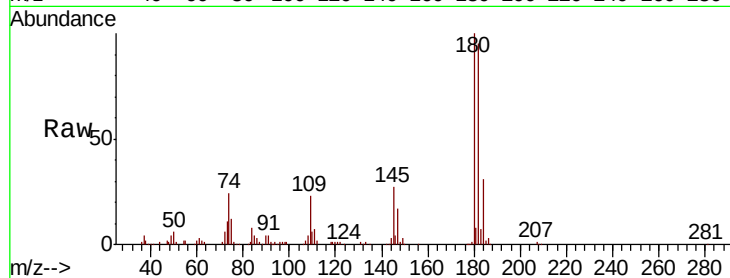




#93
 1,2,4-Trichlorobenzene
 Concen: 21.389 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

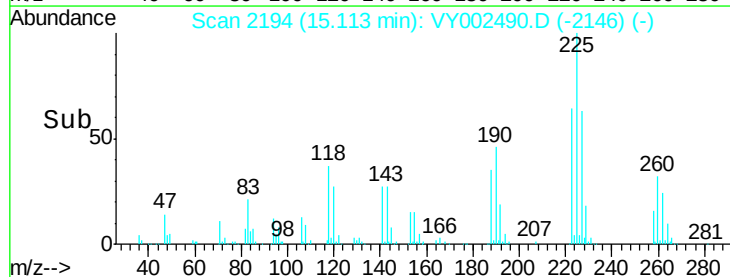
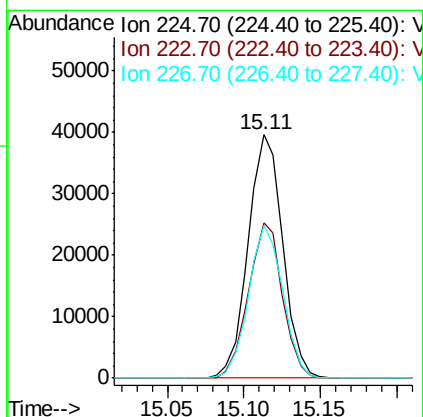
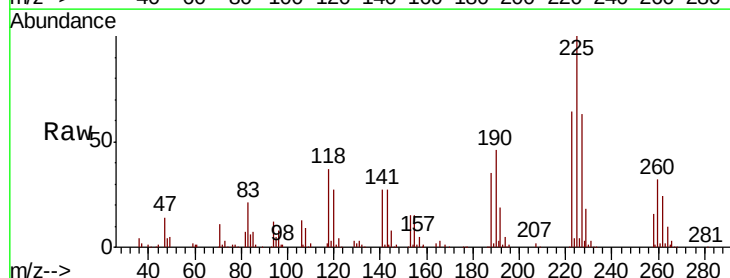
Instrument :
 MSVOA_Y
 ClientSampleId :

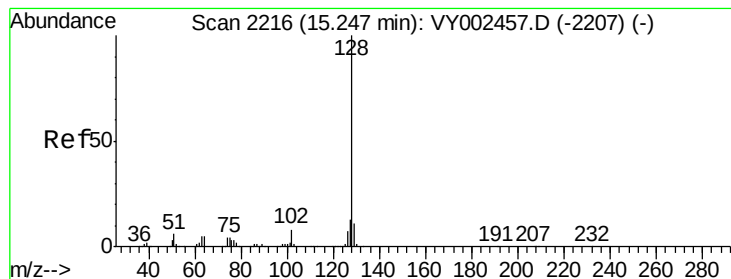
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	28.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 21.880 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002490.D
 Acq: 28 Apr 2020 13:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.3
227	62.0	31.5	94.5





#95

Naphthalene

Concen: 20.221 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

Instrument :

MSVOA_Y

ClientSampled :

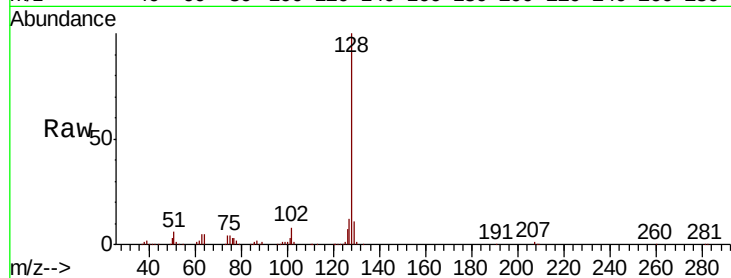
Tot Ion:128 Resp: 176489

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

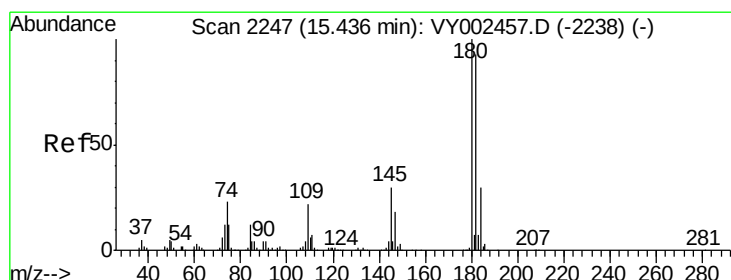
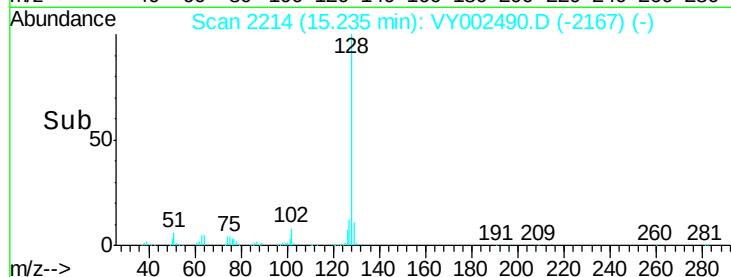
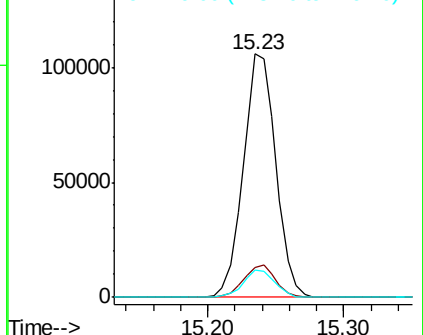
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.239 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002490.D

Acq: 28 Apr 2020 13:35

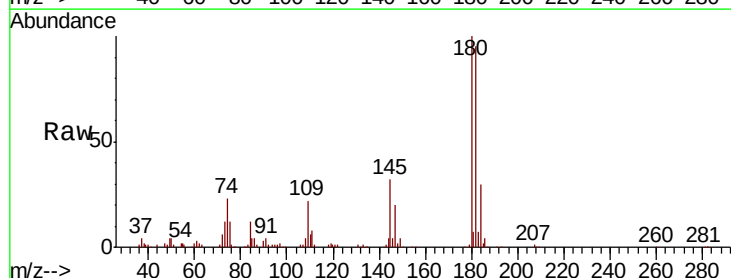
Tgt Ion:180 Resp: 84780

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 30.7 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

