

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002480.D
 Acq On : 24 Apr 2020 14:24
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 05:52:10 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	7.81	168	300488	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	452824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	410600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	215568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	121878	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
35) Dibromofluoromethane	7.74	113	117603	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	
50) Toluene-d8	10.19	98	450009	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
62) 4-Bromofluorobenzene	12.49	95	151680	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	34786	15.807	ug/l	98
3) Chloromethane	2.13	50	16129	5.760	ug/l	96
4) Vinyl Chloride	2.27	62	18482	9.188	ug/l	98
5) Bromomethane	2.66	94	17593	15.584	ug/l	88
6) Chloroethane	2.80	64	12676	14.161	ug/l	95
7) Trichlorofluoromethane	3.15	101	57028	15.636	ug/l	95
8) Diethyl Ether	3.55	74	14135	9.402	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.92	101	23618	9.407	ug/l	92
10) Methyl Iodide	4.11	142	34922	9.016	ug/l #	80
11) Tert butyl alcohol	4.99	59	13626	55.123	ug/l	97
12) 1,1-Dichloroethene	3.90	96	23257	9.041	ug/l	92
13) Acrolein	3.76	56	7503	37.917	ug/l	92
14) Allyl chloride	4.51	41	25610	6.775	ug/l #	71
15) Acrylonitrile	5.20	53	30490	42.387	ug/l	97
16) Acetone	3.97	43	26844	48.908	ug/l #	87
17) Carbon Disulfide	4.22	76	63487	7.915	ug/l	100
18) Methyl Acetate	4.51	43	12985	7.352	ug/l #	86
19) Methyl tert-butyl Ether	5.25	73	76039	10.955	ug/l	98
20) Methylene Chloride	4.74	84	25390	8.102	ug/l	89
21) trans-1,2-Dichloroethene	5.25	96	26982	9.317	ug/l	93
22) Diisopropyl ether	6.14	45	93841	12.555	ug/l #	89
23) Vinyl Acetate	6.09	43	304670	64.149	ug/l	95
24) 1,1-Dichloroethane	6.05	63	53024	11.717	ug/l	99
25) 2-Butanone	7.01	43	93718	111.454	ug/l	96
26) 2,2-Dichloropropane	7.00	77	85704	19.803	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	66715	21.180	ug/l	97
28) Bromochloromethane	7.36	49	38224	21.652	ug/l	97
29) Tetrahydrofuran	7.37	42	61996	111.204	ug/l	99
30) Chloroform	7.53	83	98951	20.537	ug/l	100
31) Cyclohexane	7.80	56	86600	19.138	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	91898	20.185	ug/l	100
36) 1,1-Dichloropropene	7.94	75	75994	19.572	ug/l	99
37) Ethyl Acetate	7.10	43	42293	21.682	ug/l	99
38) Carbon Tetrachloride	7.92	117	86485	19.370	ug/l	100

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 05:52:10 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)
39) Methylcyclohexane	9.20	83	97510	19.252	ug/l	96
40) Benzene	8.18	78	223910	19.952	ug/l	98
41) Methacrylonitrile	7.37	41	57622	47.947	ug/l #	41
42) 1,2-Dichloroethane	8.26	62	66618	20.435	ug/l	99
43) Isopropyl Acetate	8.29	43	77825	21.332	ug/l	99
44) Trichloroethene	8.96	130	69464	19.795	ug/l	96
45) 1,2-Dichloropropane	9.23	63	52055	20.126	ug/l	100
46) Dibromomethane	9.32	93	31452	20.784	ug/l	99
47) Bromodichloromethane	9.51	83	75976	20.077	ug/l	98
48) Methyl methacrylate	9.31	41	33842	20.319	ug/l	98
49) 1,4-Dioxane	9.31	88	9154	474.669	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	201527	106.347	ug/l	99
52) Toluene	10.25	92	142288	19.697	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	82688	20.806	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	91993	20.224	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	46087	20.598	ug/l	98
56) Ethyl methacrylate	10.52	69	63697	20.835	ug/l	99
57) 1,3-Dichloropropane	10.80	76	78204	20.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	155175	104.962	ug/l	99
59) 2-Hexanone	10.85	43	140922	106.688	ug/l	99
60) Dibromochloromethane	11.00	129	60814	20.743	ug/l	100
61) 1,2-Dibromoethane	11.10	107	45683	20.590	ug/l	100
64) Tetrachloroethene	10.73	164	75287	20.006	ug/l	99
65) Chlorobenzene	11.53	112	160628	20.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	61433	20.684	ug/l	99
67) Ethyl Benzene	11.60	91	277601	19.677	ug/l	100
68) m/p-Xylenes	11.71	106	216642	39.891	ug/l	97
69) o-Xylene	12.04	106	103372	20.554	ug/l	99
70) Styrene	12.05	104	178219	20.351	ug/l	99
71) Bromoform	12.22	173	39245	20.975	ug/l #	100
73) Isopropylbenzene	12.34	105	274037	19.015	ug/l	99
74) N-amyl acetate	12.15	43	69458	20.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	44768	20.226	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	70345	38.502	ug/l #	100
77) Bromobenzene	12.62	156	72272	19.995	ug/l	99
78) n-propylbenzene	12.68	91	323690	19.344	ug/l	100
79) 2-Chlorotoluene	12.77	91	178199	19.462	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	238036	19.461	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	19696	19.948	ug/l	96
82) 4-Chlorotoluene	12.86	91	185842	19.638	ug/l	100
83) tert-Butylbenzene	13.08	119	209150	19.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	238257	20.303	ug/l	99
85) sec-Butylbenzene	13.27	105	279937	19.682	ug/l	99
86) p-Isopropyltoluene	13.38	119	264660	19.513	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	134789	20.162	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	133198	20.037	ug/l	99
89) n-Butylbenzene	13.70	91	238793	19.084	ug/l	100
90) Hexachloroethane	13.97	117	47216	19.259	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	121372	21.082	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9245	21.039	ug/l	98

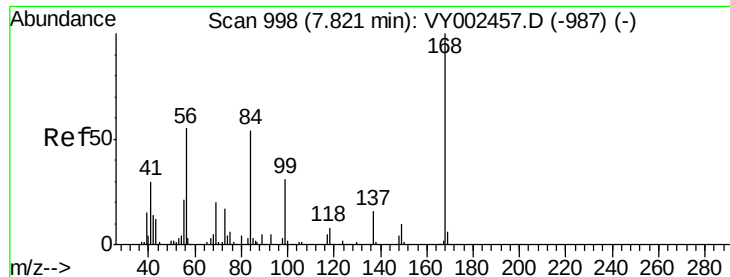
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
Data File : VY002480.D
Acq On : 24 Apr 2020 14:24
Operator : SY/MD
Sample : VY0424SBSD01
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Instrument :
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Quant Time: Apr 25 05:52:10 2020
Quant Method : 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	15.02	180	91740	20.190	ug/l	100
94) Hexachlorobutadiene	15.12	225	54786	19.979	ug/l	100
95) Naphthalene	15.25	128	175256	20.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	78306	20.318	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

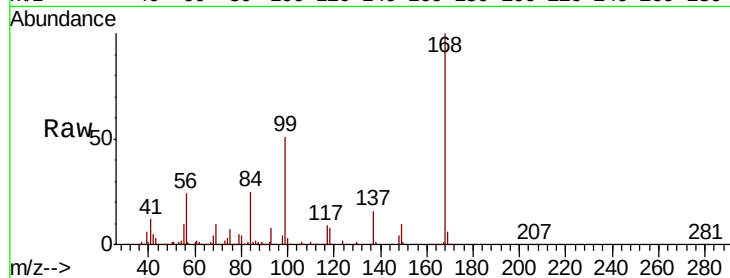
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 300488

Ion Ratio Lower Upper

168 100

99 50.7 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) (-)

7.81

150000

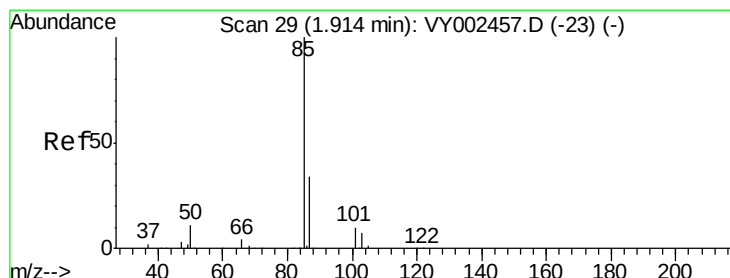
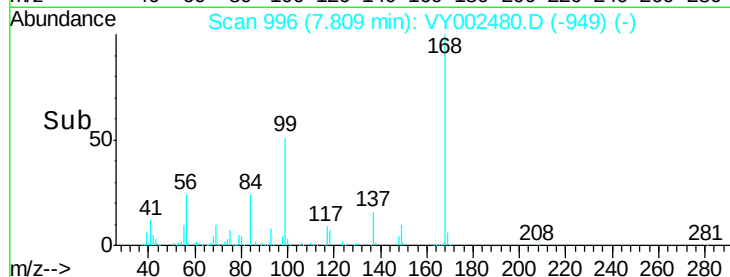
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.807 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002480.D

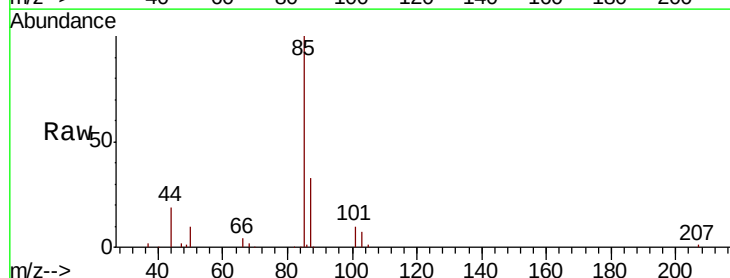
Acq: 24 Apr 2020 14:24

Tgt Ion: 85 Resp: 34786

Ion Ratio Lower Upper

85 100

87 33.3 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

25000

20000

15000

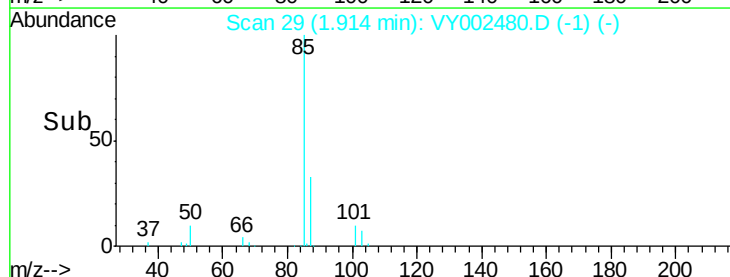
10000

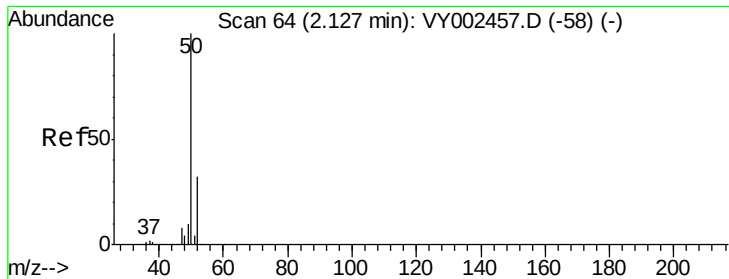
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 5.760 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

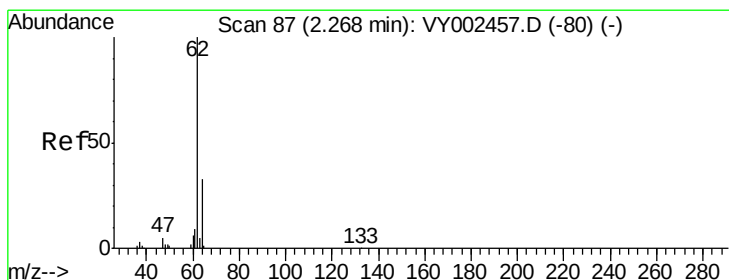
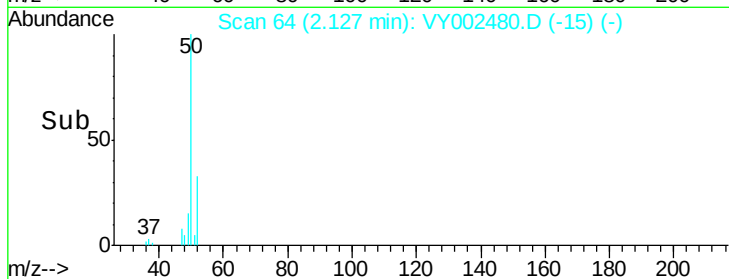
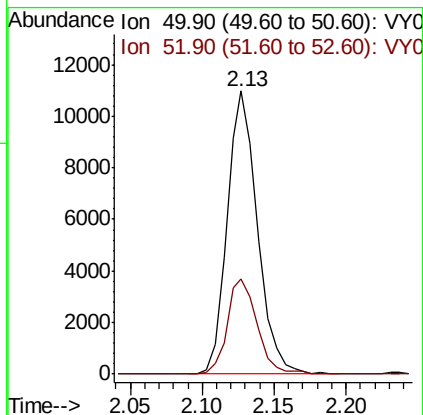
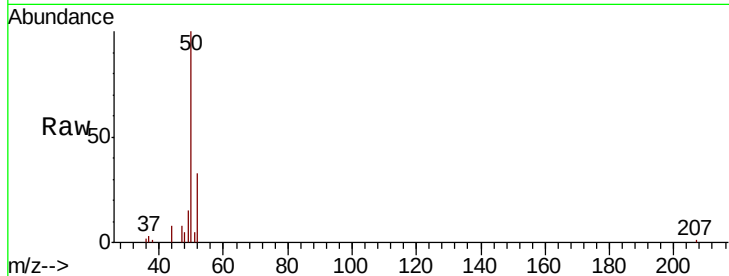
ClientSampled :

Tot Ion: 50 Resp: 16129

Ion Ratio Lower Upper

50 100

52 33.5 25.2 37.8



#4

Vinyl Chloride

Concen: 9.188 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY002480.D

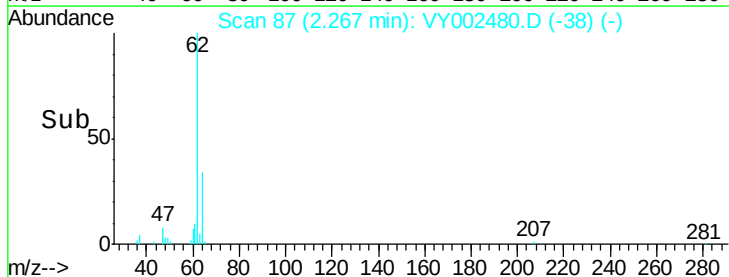
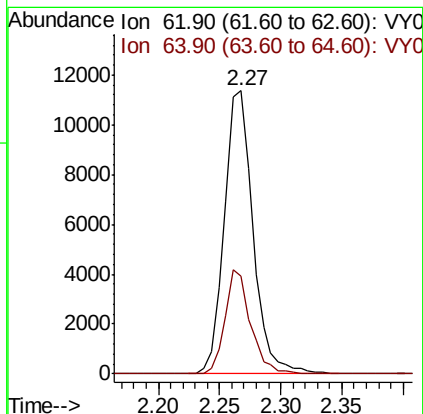
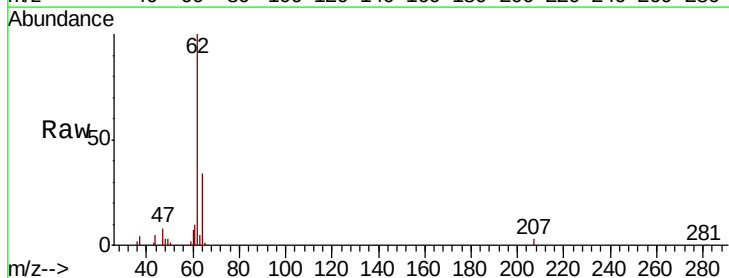
Acq: 24 Apr 2020 14:24

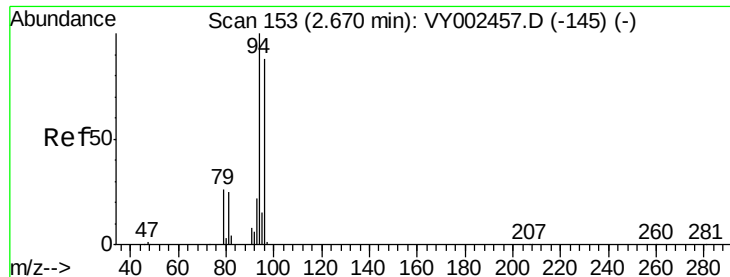
Tgt Ion: 62 Resp: 18482

Ion Ratio Lower Upper

62 100

64 34.3 26.6 39.8





#5

Bromomethane

Concen: 15.584 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

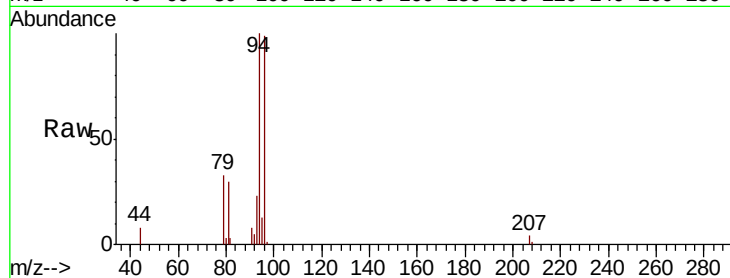
ClientSampleId :

Tot Ion: 94 Resp: 17593

Ion Ratio Lower Upper

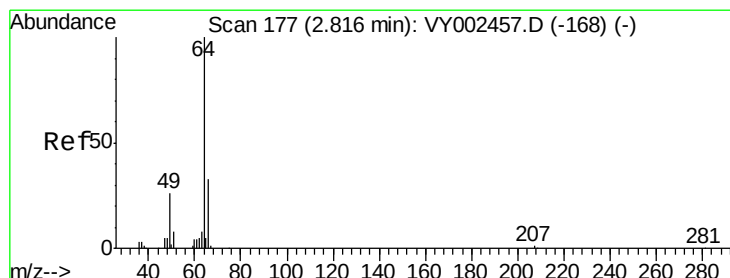
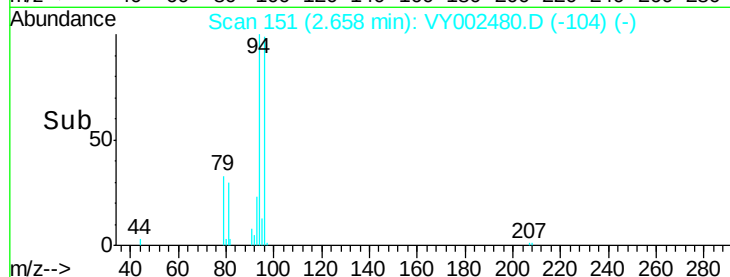
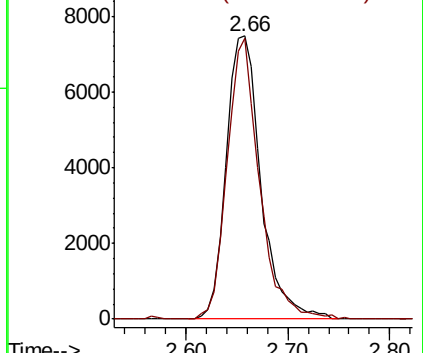
94 100

96 99.1 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 14.161 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002480.D

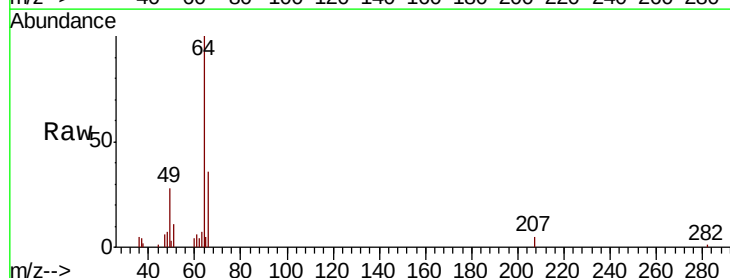
Acq: 24 Apr 2020 14:24

Tgt Ion: 64 Resp: 12676

Ion Ratio Lower Upper

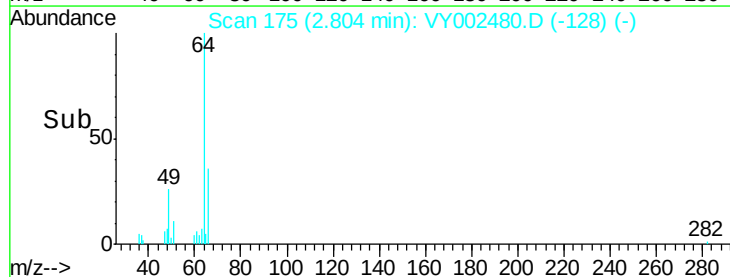
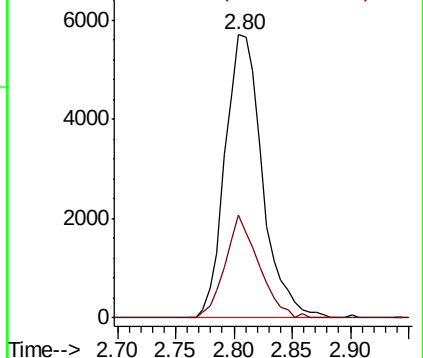
64 100

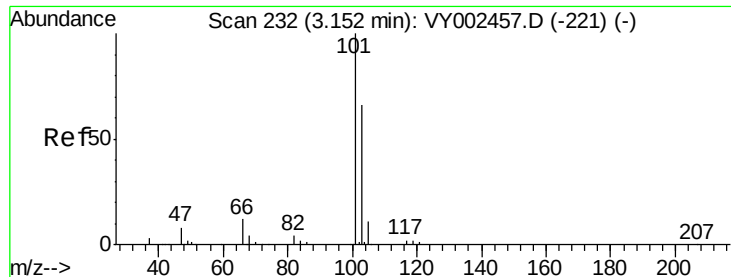
66 36.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



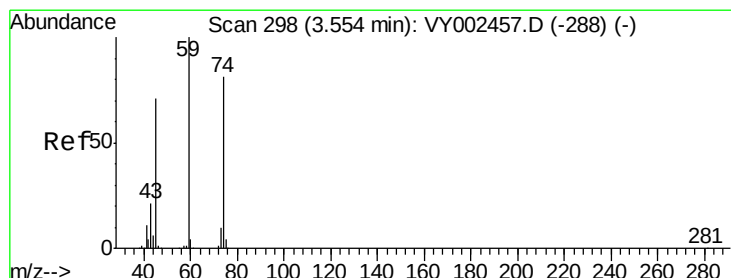
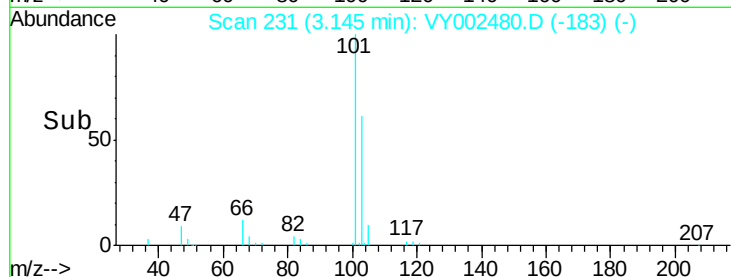
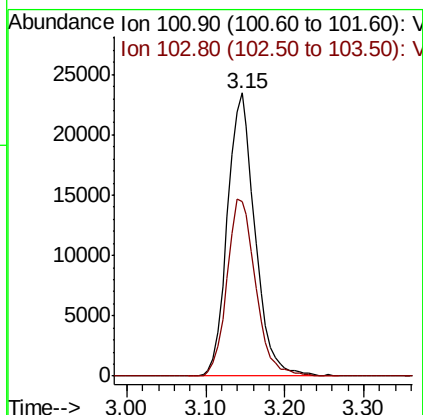
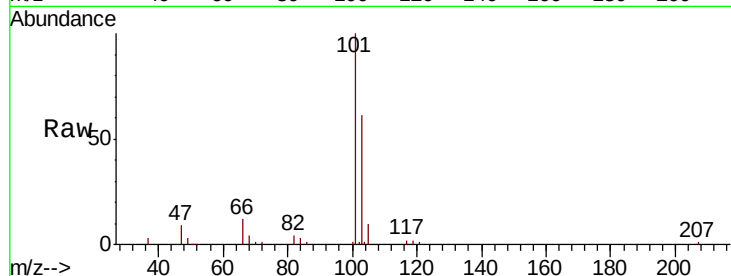


#7

Trichlorofluoromethane
Concen: 15.636 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :

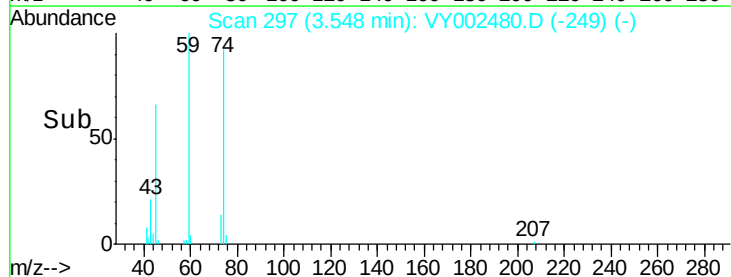
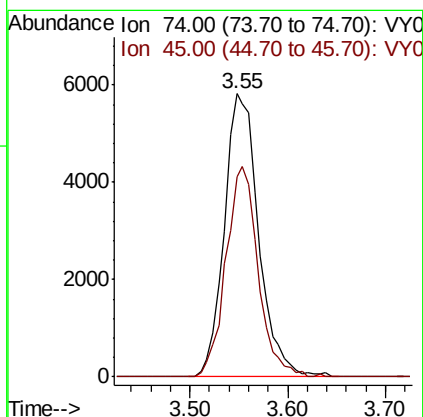
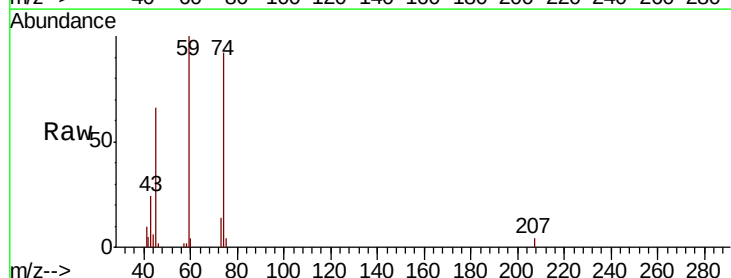
Tot Ion:101 Resp: 57028
Ion Ratio Lower Upper
101 100
103 61.5 52.5 78.7

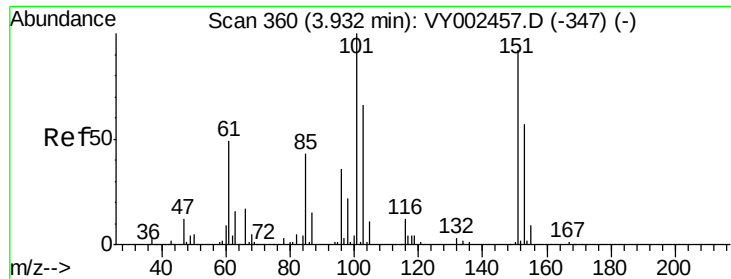


#8

Diethyl Ether
Concen: 9.402 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 74 Resp: 14135
Ion Ratio Lower Upper
74 100
45 70.0 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.407 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

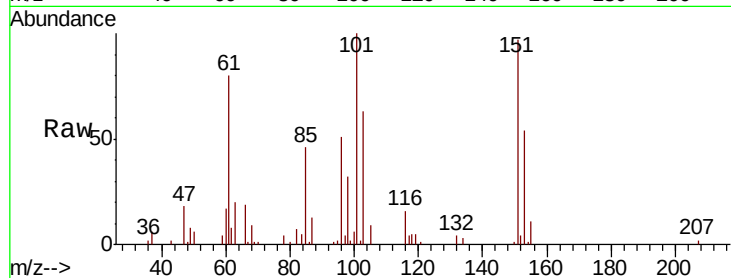
Tot Ion:101 Resp: 23618

Ion Ratio Lower Upper

101 100

85 47.4 34.1 51.1

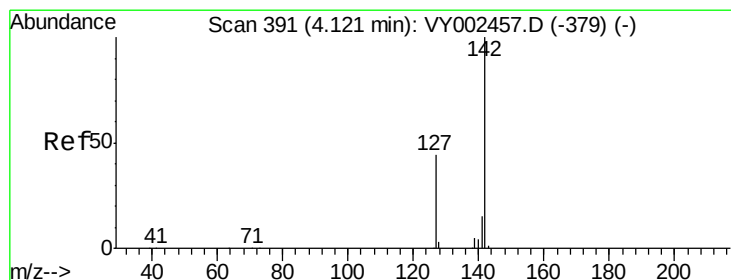
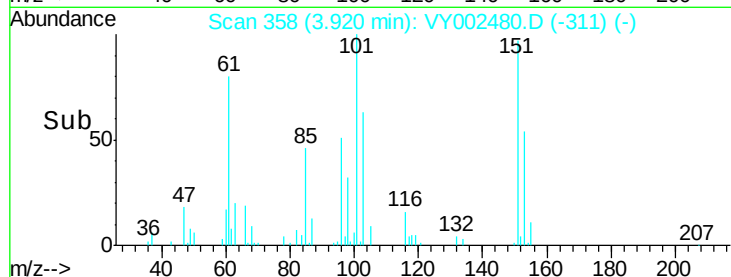
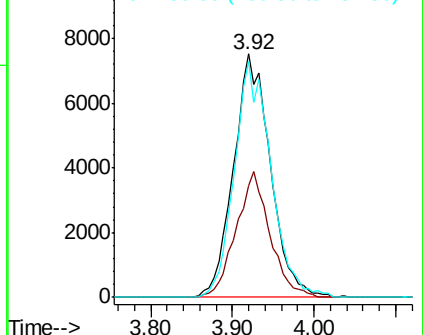
151 95.9 70.3 105.5



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: 9.016 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

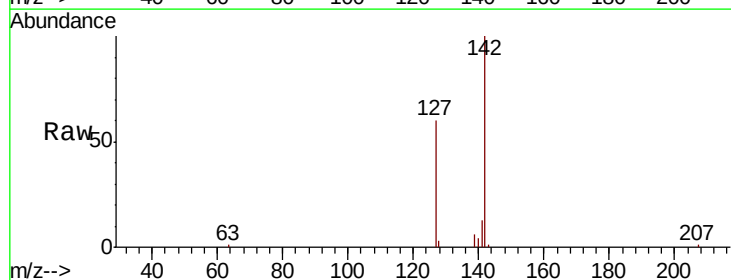
Tgt Ion:142 Resp: 34922

Ion Ratio Lower Upper

142 100

127 61.7 35.8 53.8#

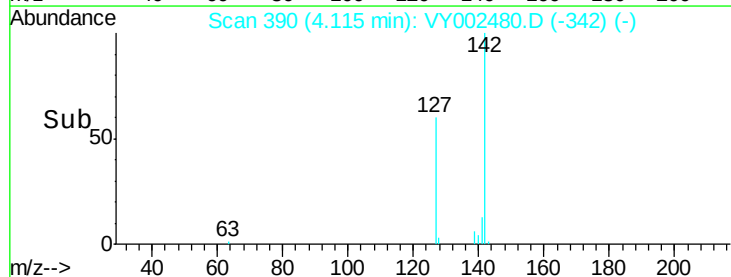
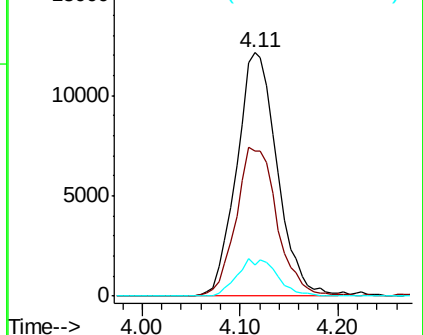
141 15.0 11.6 17.4

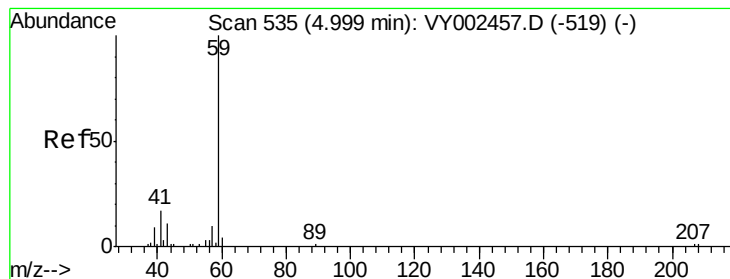


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 55.123 ug/l

RT: 4.99 min Scan# 534

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

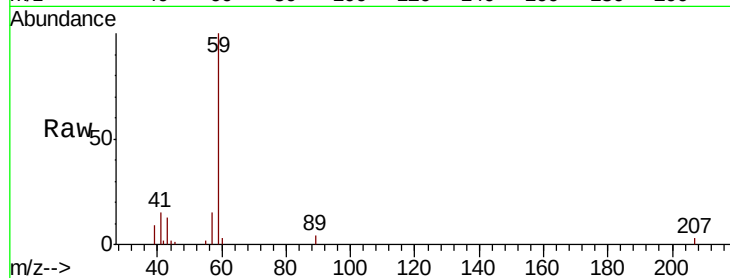
ClientSampleId :

Tot Ion: 59 Resp: 13626

Ion Ratio Lower Upper

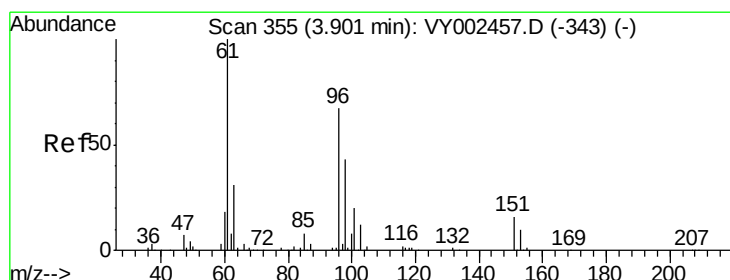
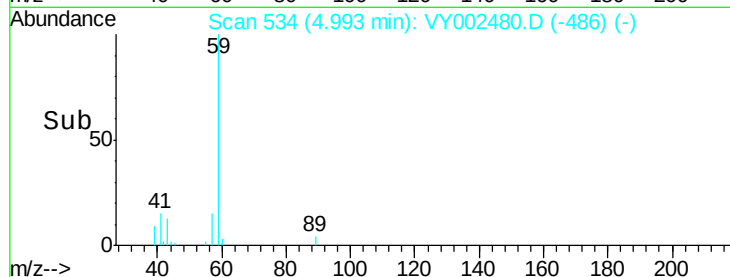
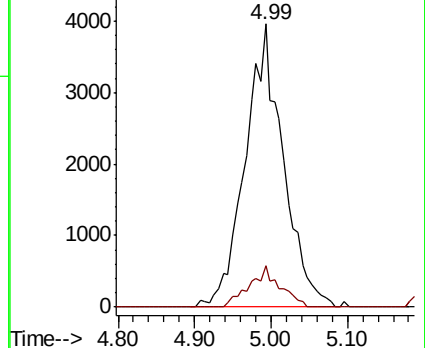
59 100

57 11.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 9.041 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

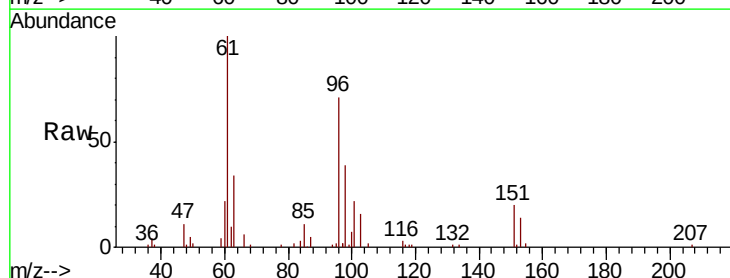
Tgt Ion: 96 Resp: 23257

Ion Ratio Lower Upper

96 100

61 140.7 119.0 178.6

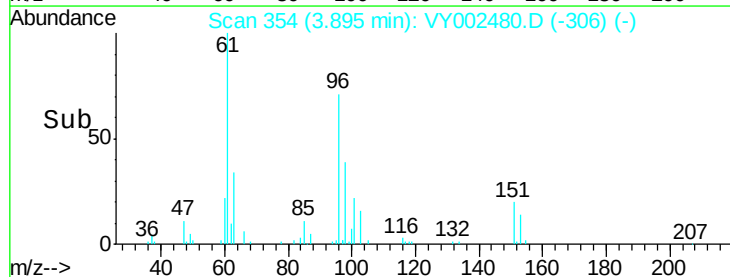
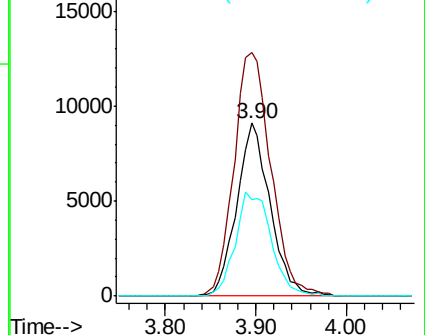
98 55.5 51.4 77.2

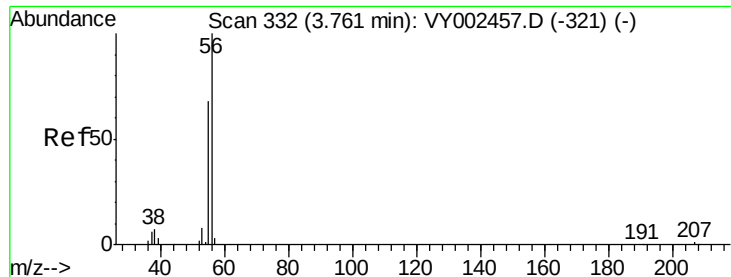


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 37.917 ug/l

RT: 3.76 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

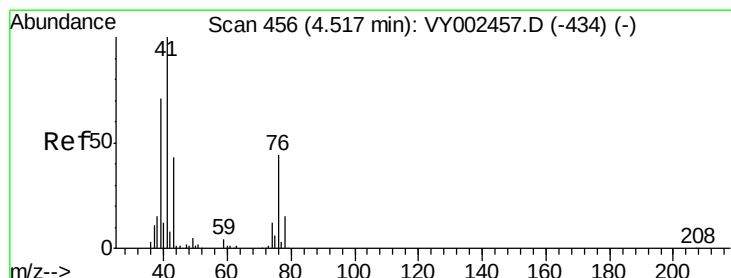
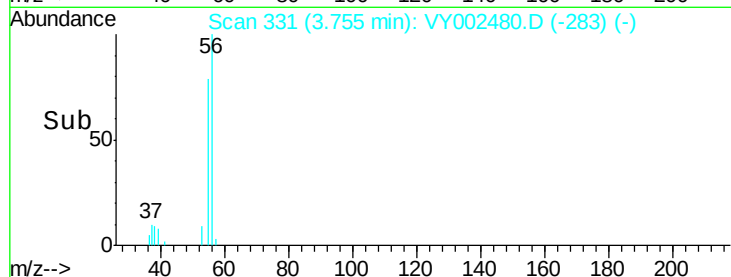
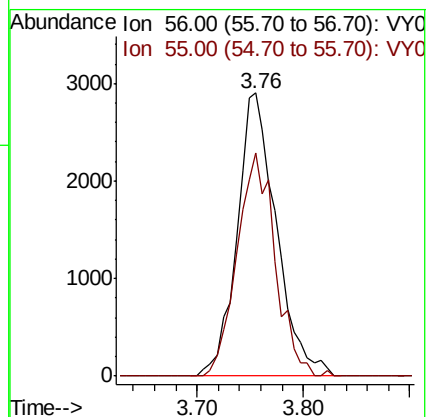
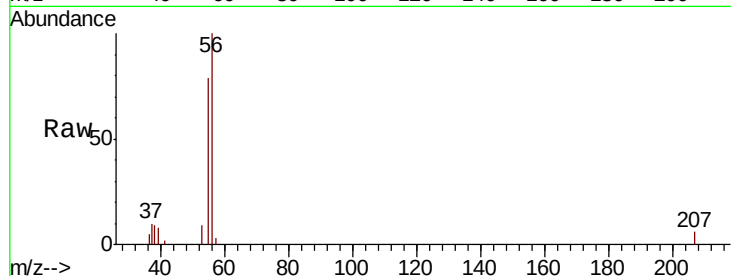
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 7503

Ion Ratio Lower Upper

56 100

55 76.1 55.8 83.6



#14

Allyl chloride

Concen: 6.775 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

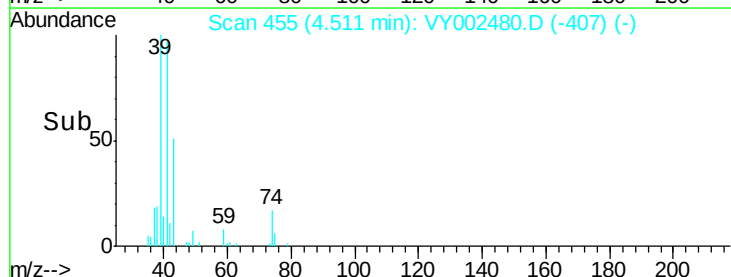
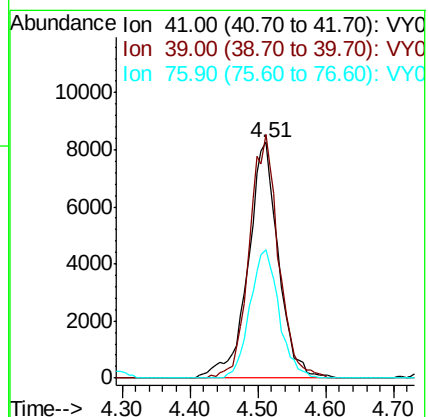
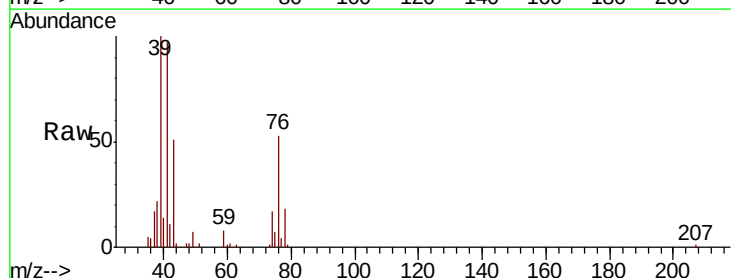
Tgt Ion: 41 Resp: 25610

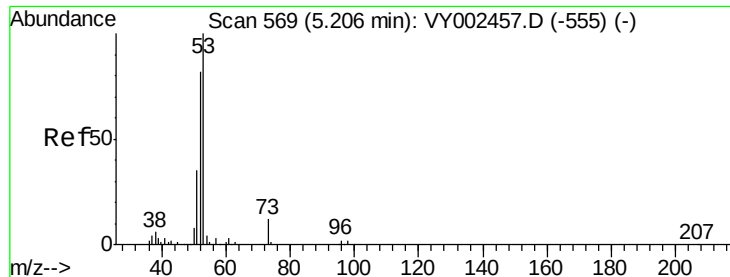
Ion Ratio Lower Upper

41 100

39 99.6 55.1 82.7#

76 52.3 34.3 51.5#





#15

Acrylonitrile

Concen: 42.387 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

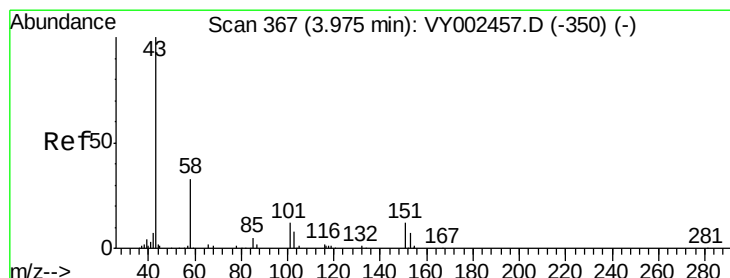
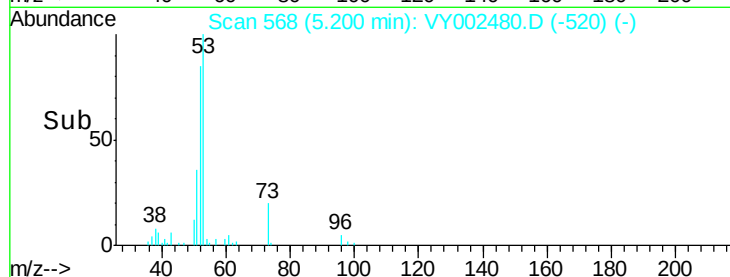
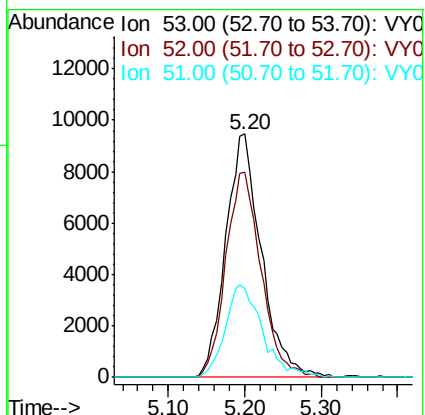
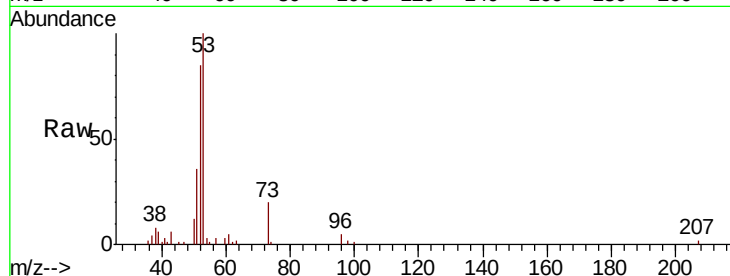
Tot Ion: 53 Resp: 30490

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.2

51 39.8 28.3 42.5



#16

Acetone

Concen: 48.908 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002480.D

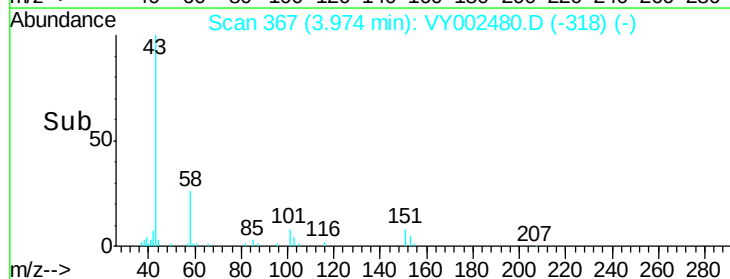
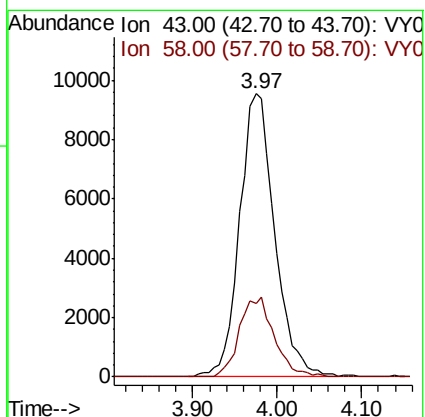
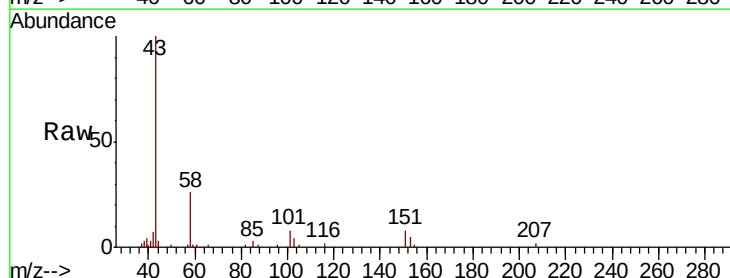
Acq: 24 Apr 2020 14:24

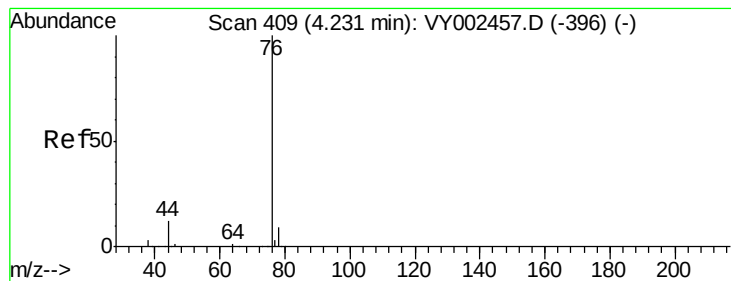
Tgt Ion: 43 Resp: 26844

Ion Ratio Lower Upper

43 100

58 25.7 26.4 39.6#





#17

Carbon Disulfide

Concen: 7.915 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

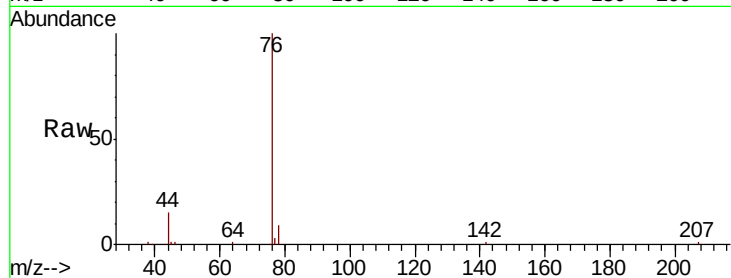
ClientSampleId :

Tot Ion: 76 Resp: 63487

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

25000

20000

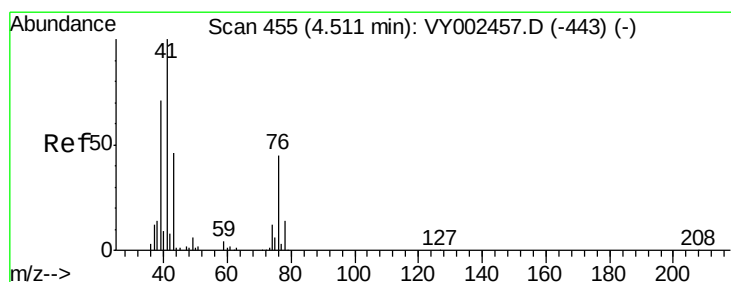
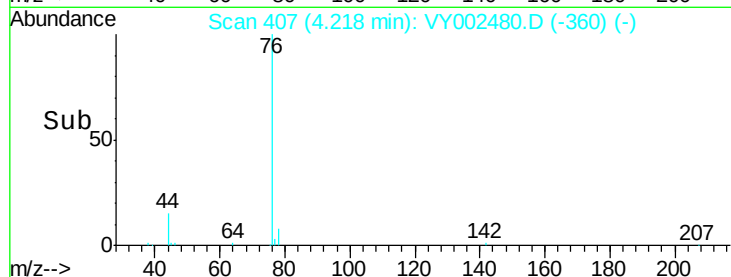
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 7.352 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY002480.D

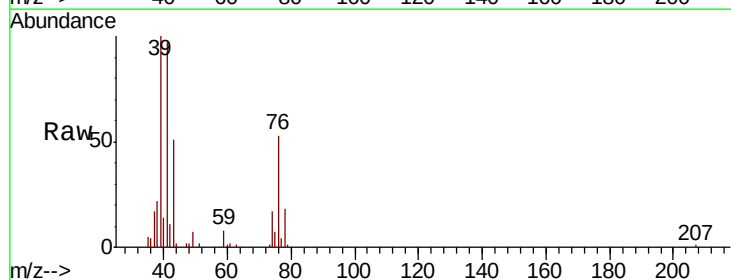
Acq: 24 Apr 2020 14:24

Tgt Ion: 43 Resp: 12985

Ion Ratio Lower Upper

43 100

74 34.6 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.51

5000

4000

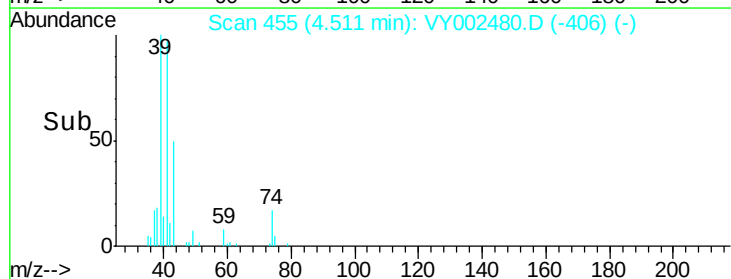
3000

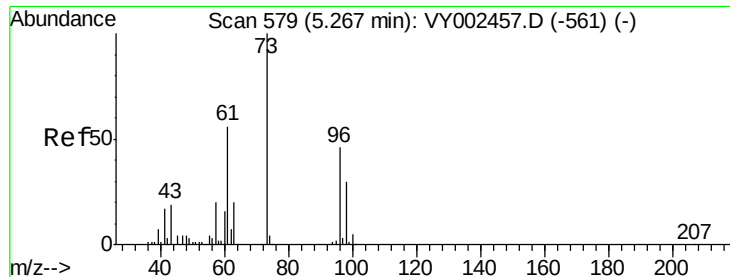
2000

1000

0

Time-->

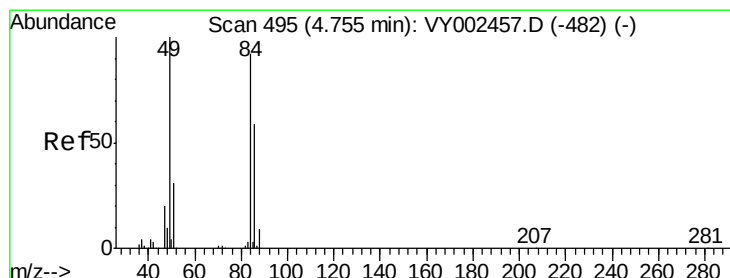
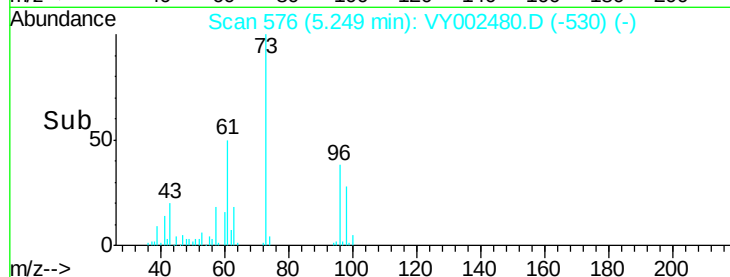
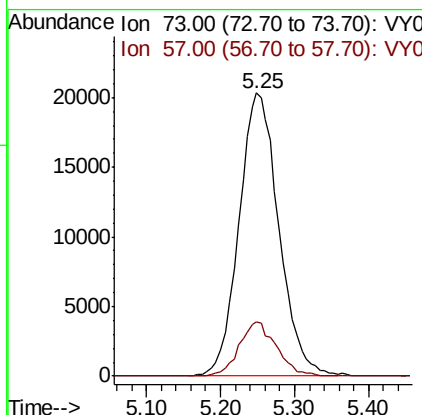
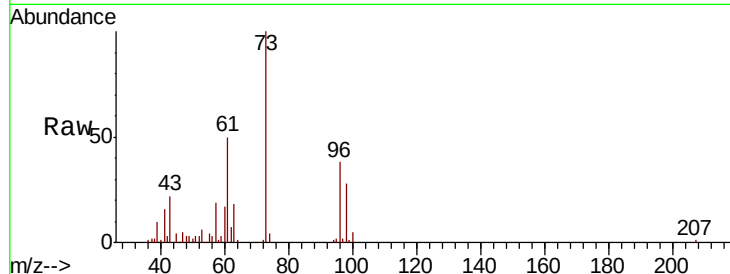




#19
Methyl tert-butyl Ether
Concen: 10.955 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

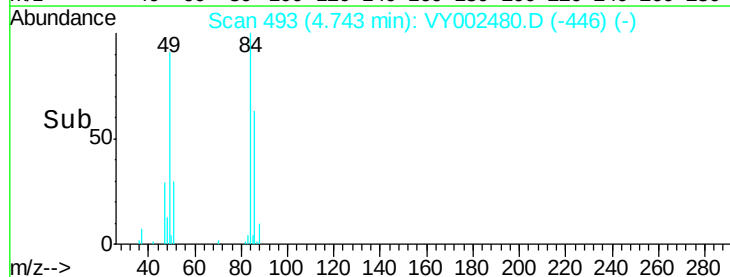
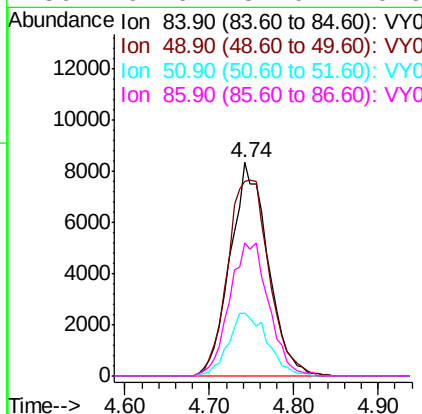
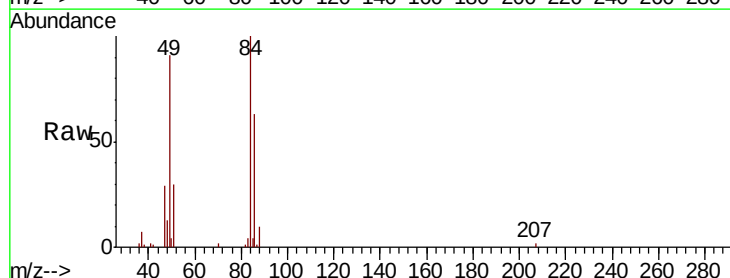
Instrument :
MSVOA_Y
ClientSampleId :

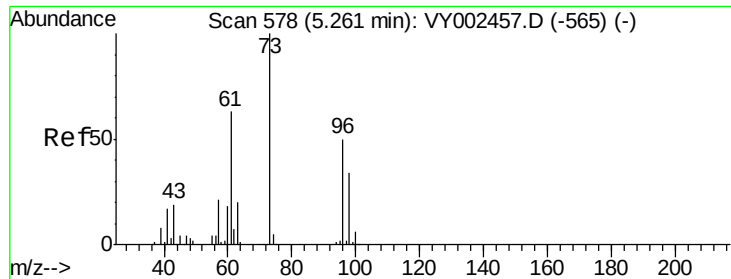
Tot Ion: 73 Resp: 76039
Ion Ratio Lower Upper
73 100
57 19.3 16.0 24.0



#20
Methylene Chloride
Concen: 8.102 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 84 Resp: 25390
Ion Ratio Lower Upper
84 100
49 91.1 86.9 130.3
51 29.7 27.3 40.9
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 9.317 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

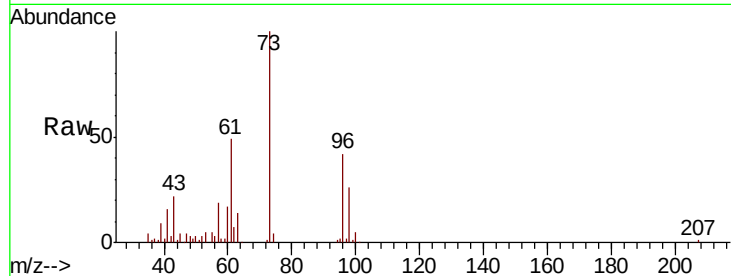
Tot Ion: 96 Resp: 26982

Ion Ratio Lower Upper

96 100

61 118.6 101.4 152.0

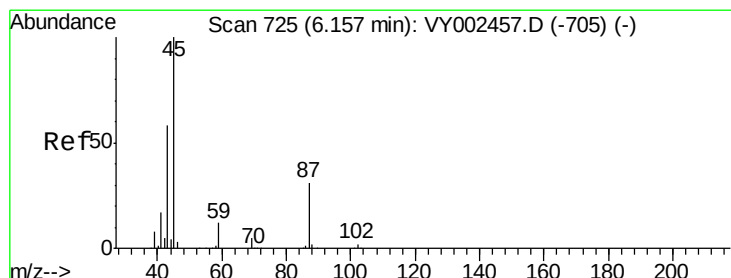
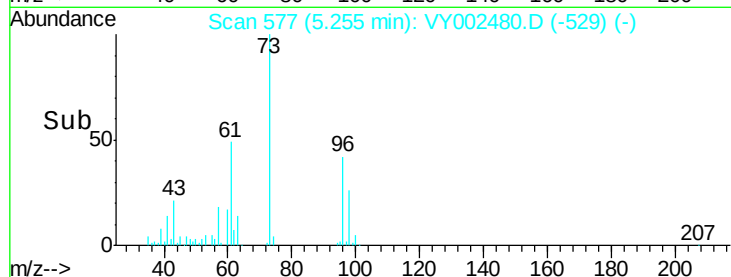
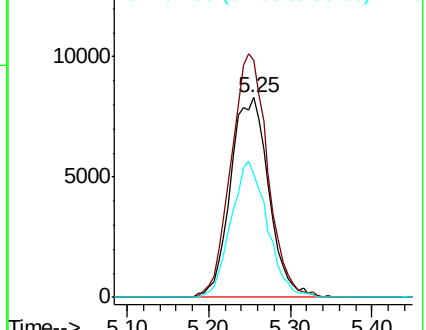
98 61.7 53.6 80.4



Abundance Ion 95.90 (95.60 to 96.60): VY002480.D (-529) (-)

Ion 60.90 (60.60 to 61.60): VY002480.D (-529) (-)

Ion 97.90 (97.60 to 98.60): VY002480.D (-529) (-)



#22

Diisopropyl ether

Concen: 12.555 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Tgt Ion: 45 Resp: 93841

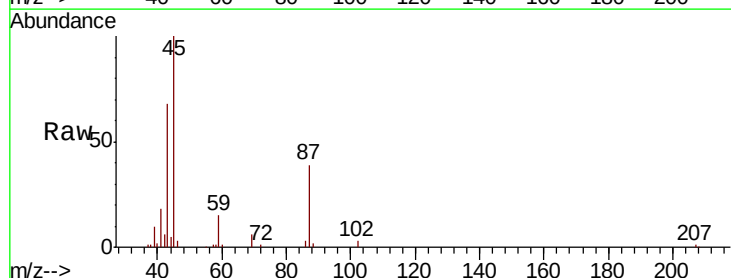
Ion Ratio Lower Upper

45 100

43 67.0 47.1 70.7

87 39.0 25.0 37.6#

59 14.6 9.7 14.5#

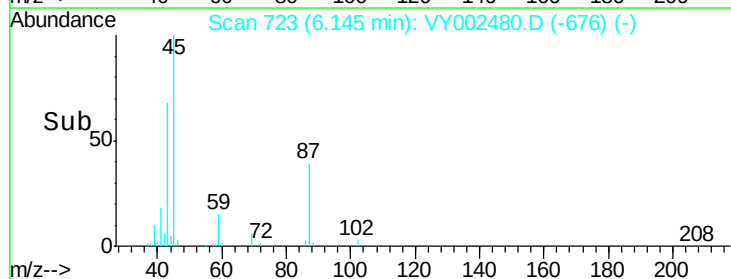
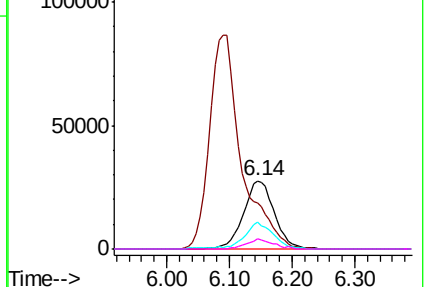


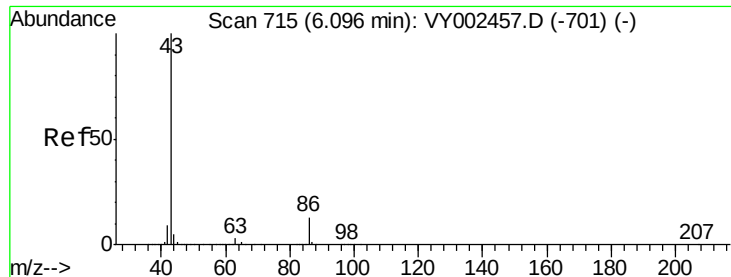
Abundance Ion 45.00 (44.70 to 45.70): VY002480.D (-676) (-)

Ion 43.00 (42.70 to 43.70): VY002480.D (-676) (-)

Ion 87.00 (86.70 to 87.70): VY002480.D (-676) (-)

Ion 59.00 (58.70 to 59.70): VY002480.D (-676) (-)





#23

Vinyl Acetate

Concen: 64.149 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

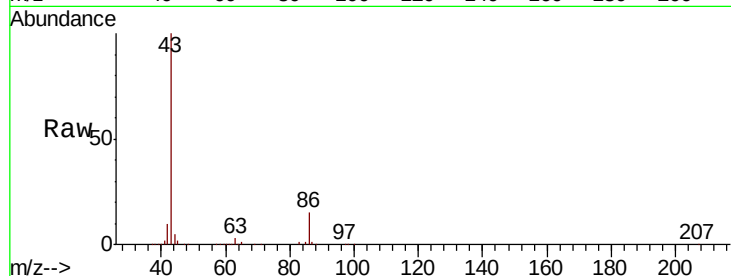
ClientSampleId :

Tot Ion: 43 Resp: 304670

Ion Ratio Lower Upper

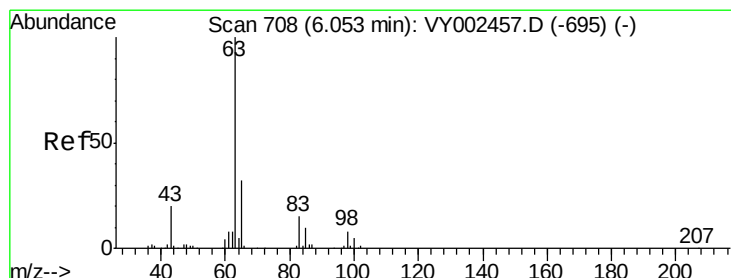
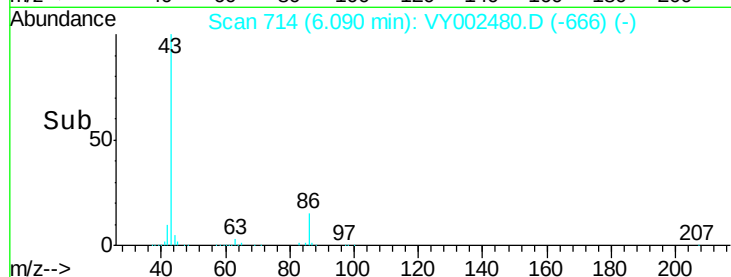
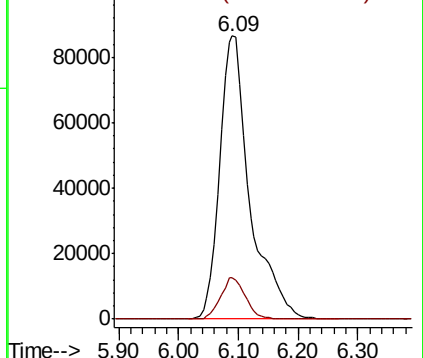
43 100

86 14.6 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: 11.717 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

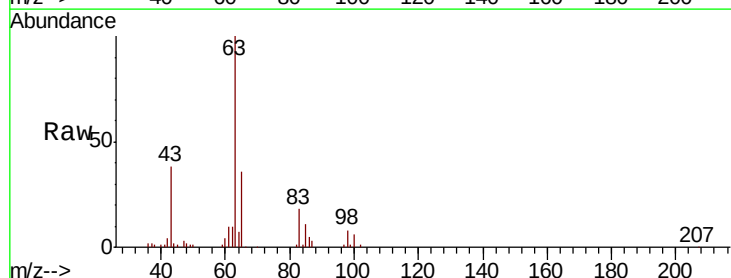
Tgt Ion: 63 Resp: 53024

Ion Ratio Lower Upper

63 100

98 8.5 4.1 12.3

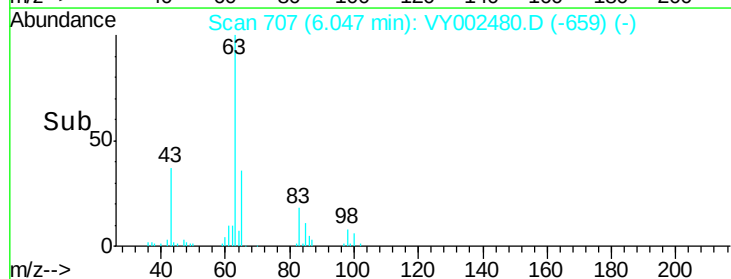
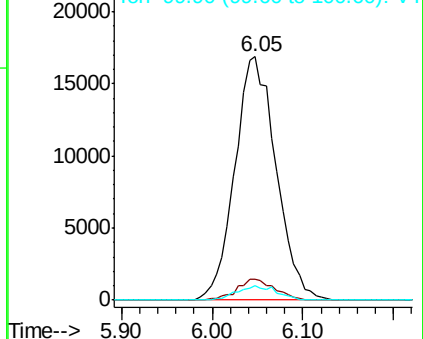
100 5.7 2.5 7.4

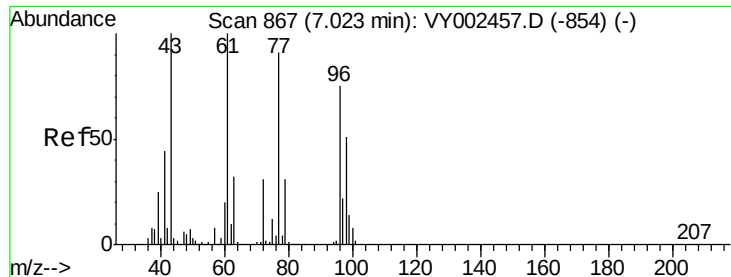


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 111.454 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

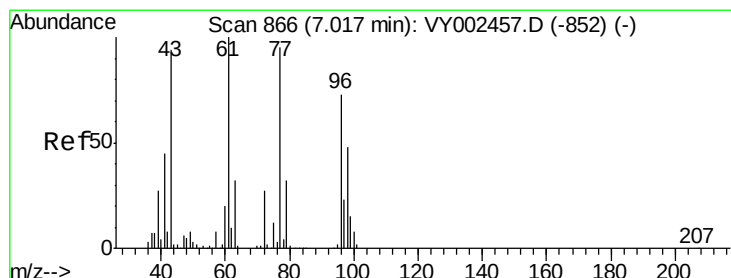
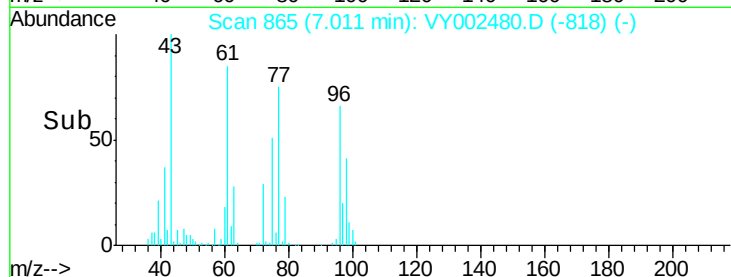
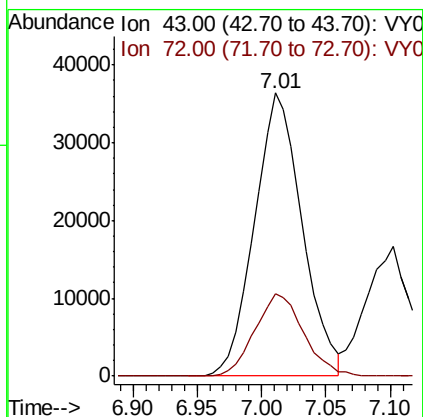
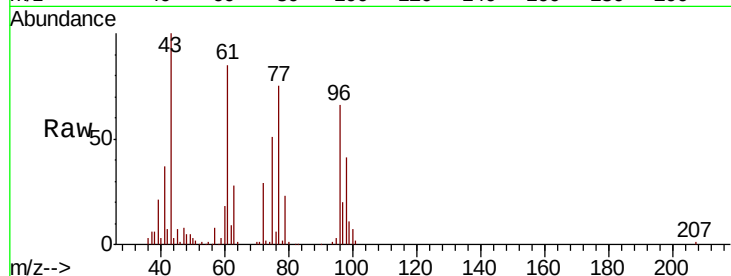
ClientSampled :

Tot Ion: 43 Resp: 93718

Ion Ratio Lower Upper

43 100

72 29.0 24.8 37.2



#26

2,2-Dichloropropane

Concen: 19.803 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002480.D

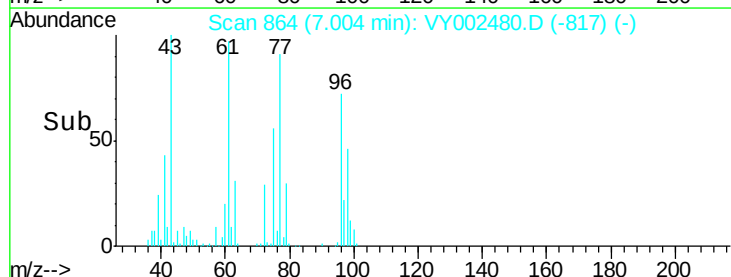
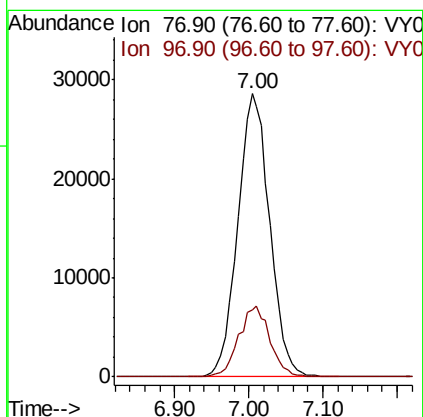
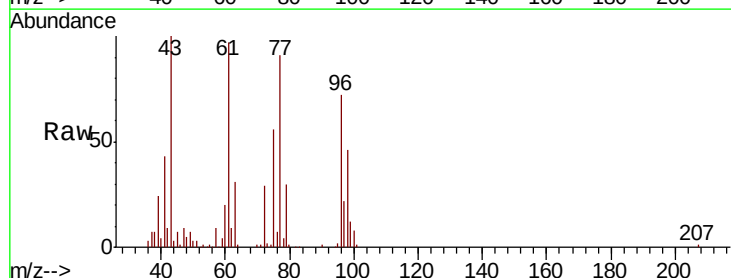
Acq: 24 Apr 2020 14:24

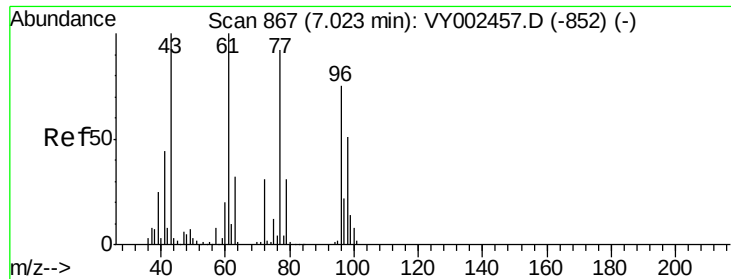
Tgt Ion: 77 Resp: 85704

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.0



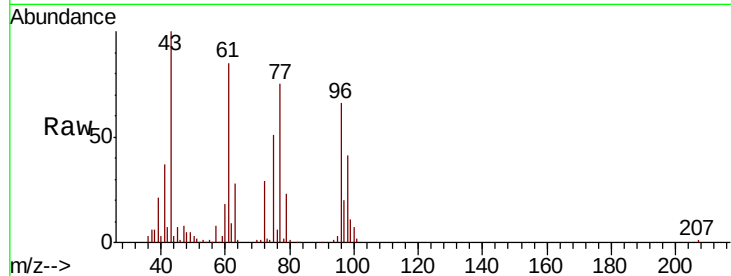


#27

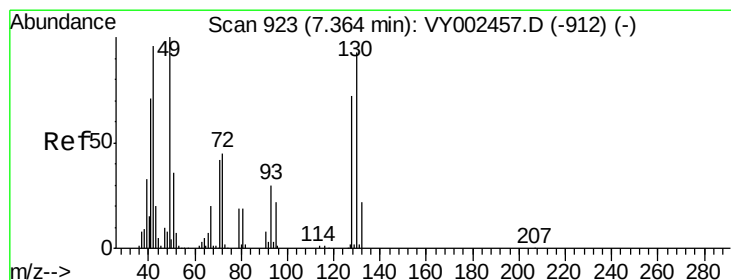
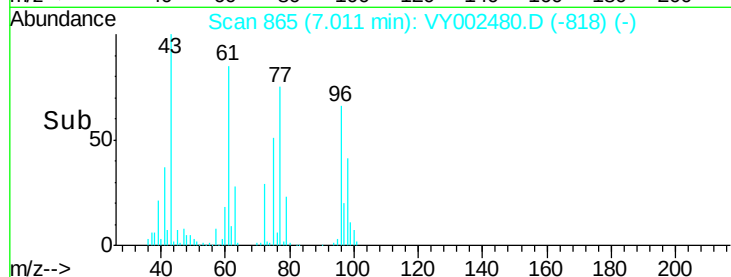
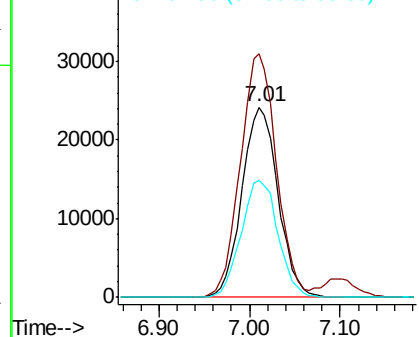
cis-1,2-Dichloroethene
 Concen: 21.180 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 66715
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 262.6
 98 62.7 0.0 131.0



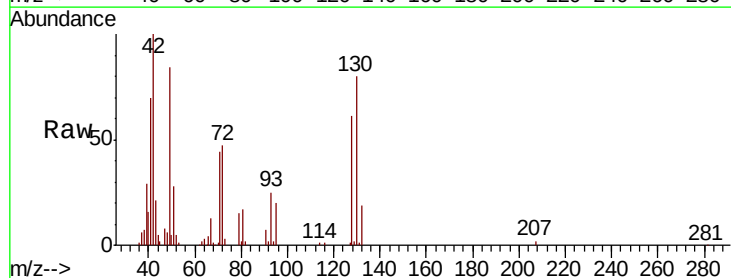
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



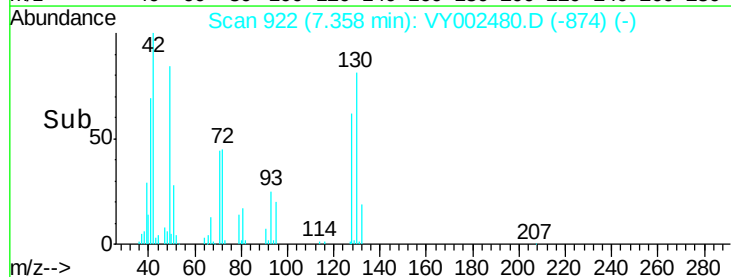
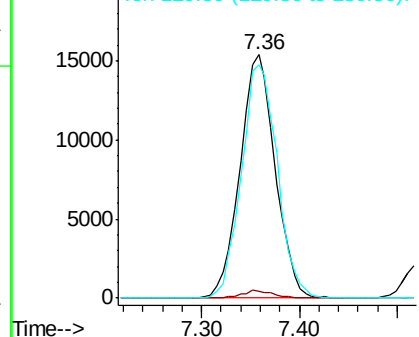
#28

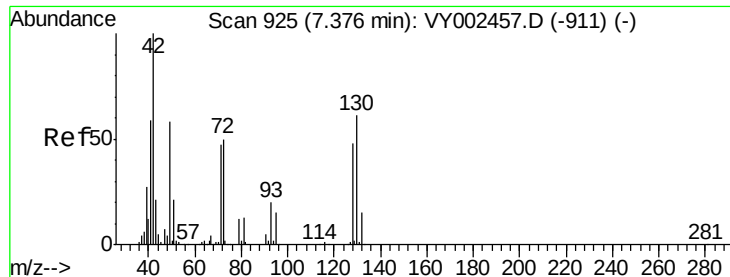
Bromochloromethane
 Concen: 21.652 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Tgt Ion: 49 Resp: 38224
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 98.1 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

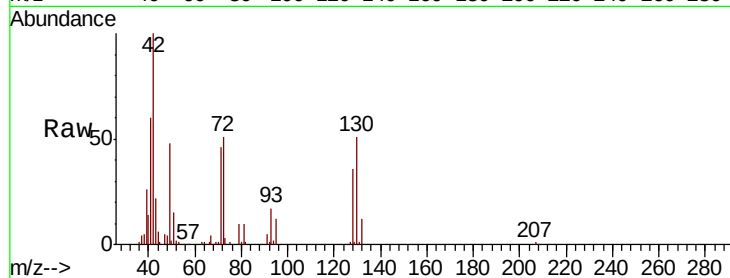




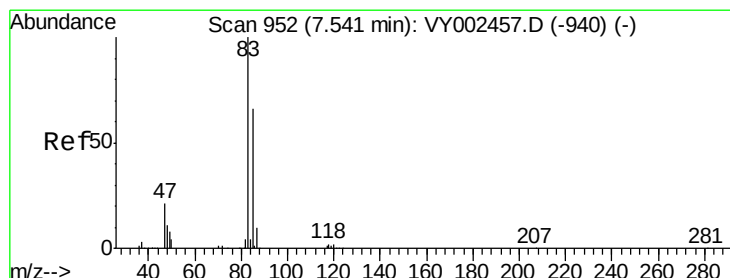
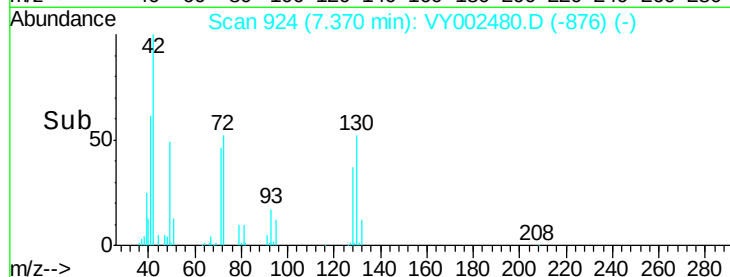
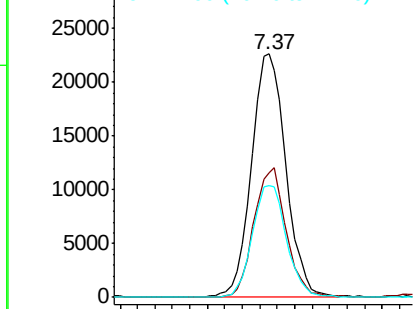
#29
Tetrahydrofuran
Concen: 111.204 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.5	59.3
71	45.8	37.6	56.4

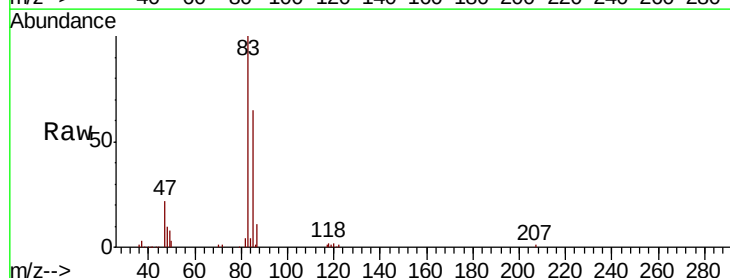


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

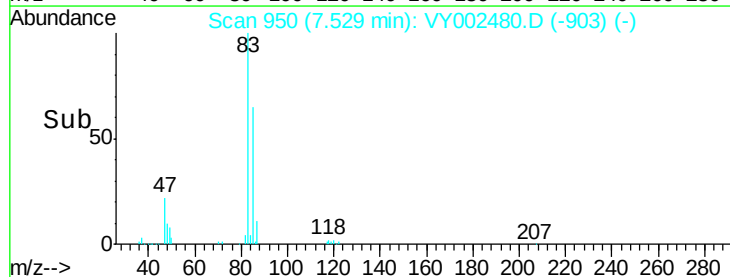
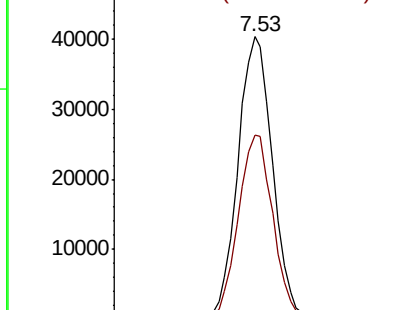


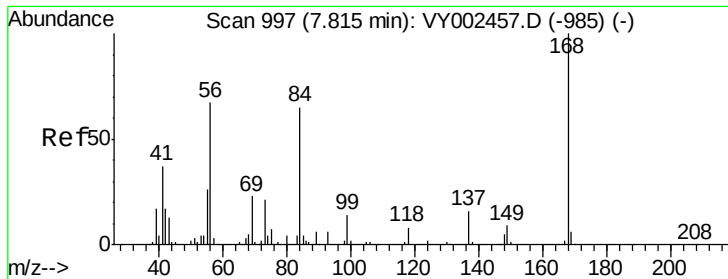
#30
Chloroform
Concen: 20.537 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6



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

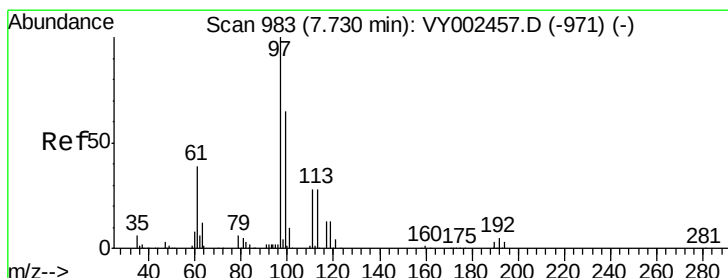
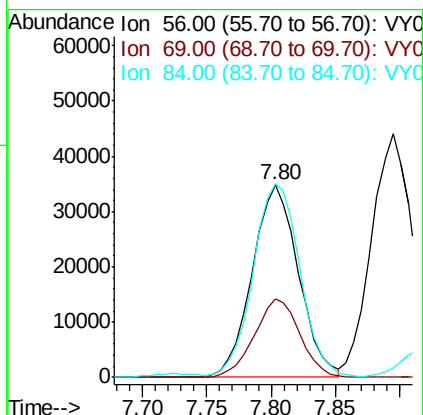
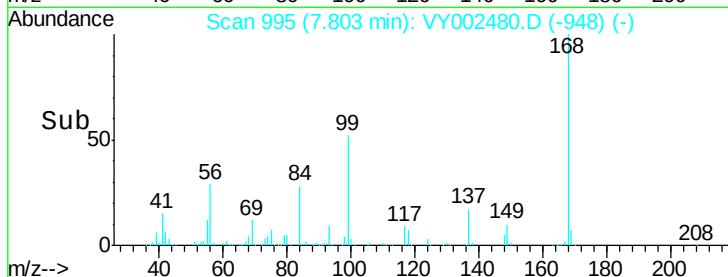
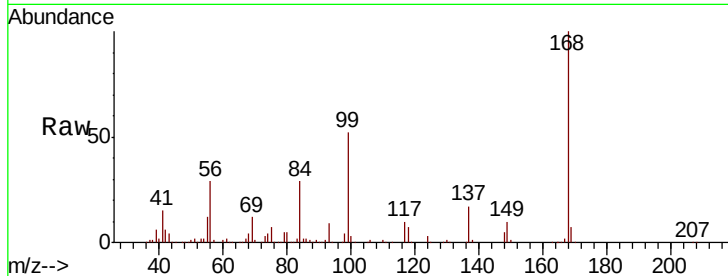




#31
Cyclohexane
Concen: 19.138 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

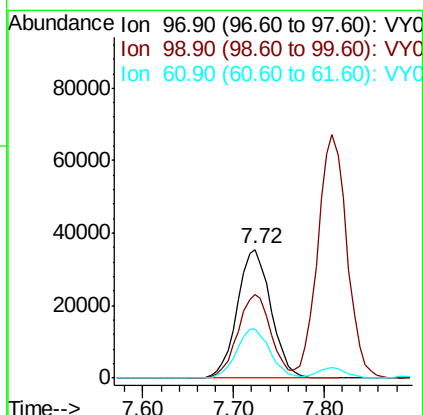
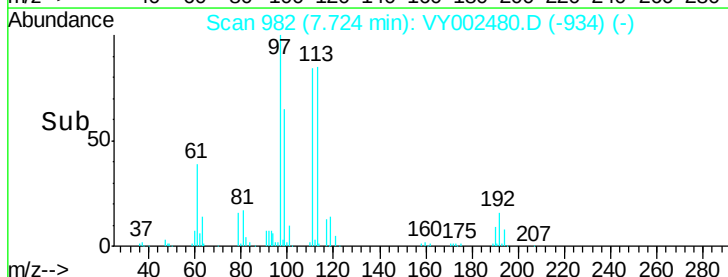
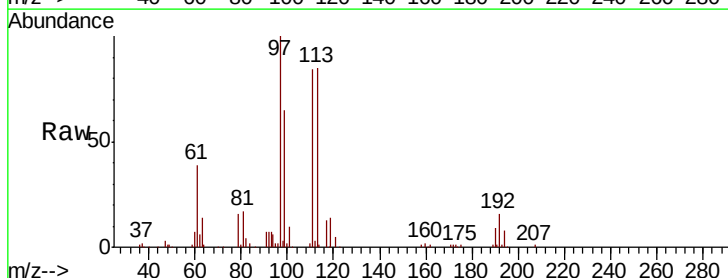
Instrument :
MSVOA_Y
ClientSampled :

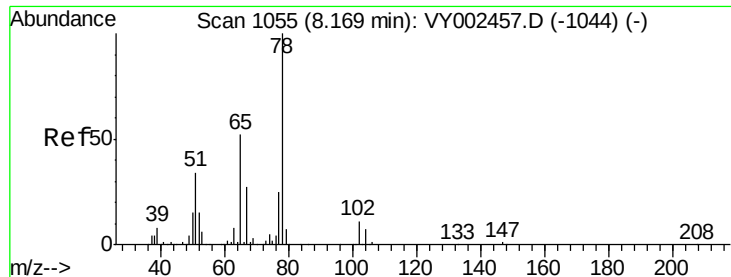
Tot Ion: 56 Resp: 86600
Ion Ratio Lower Upper
56 100
69 40.5 27.0 40.6
84 99.0 77.4 116.2



#32
1,1,1-Trichloroethane
Concen: 20.185 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 97 Resp: 91898
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 38.0 30.6 45.8

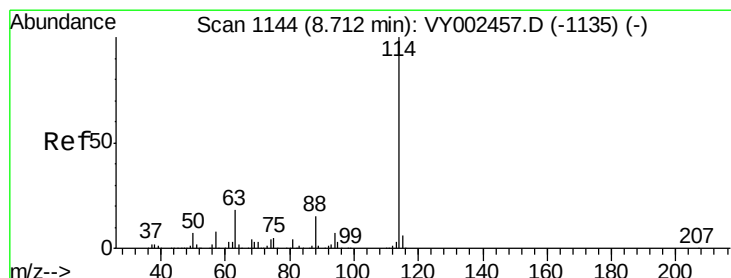
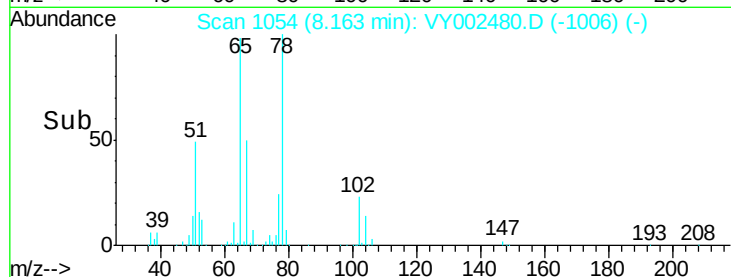
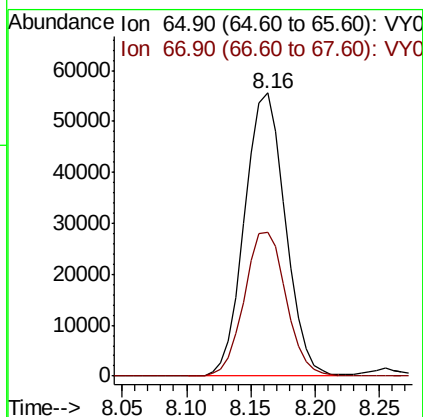
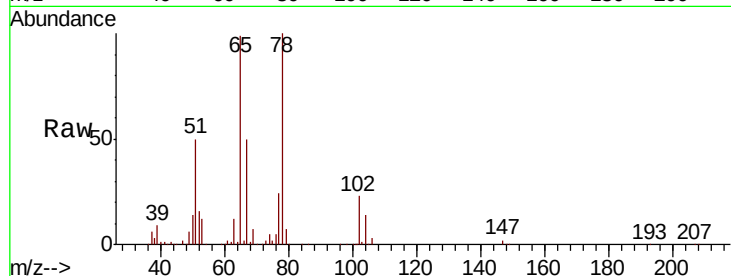




#33
 1,2-Dichloroethane-d4
 Concen: 46.406 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

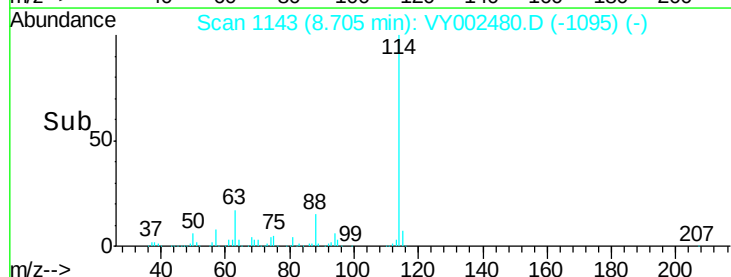
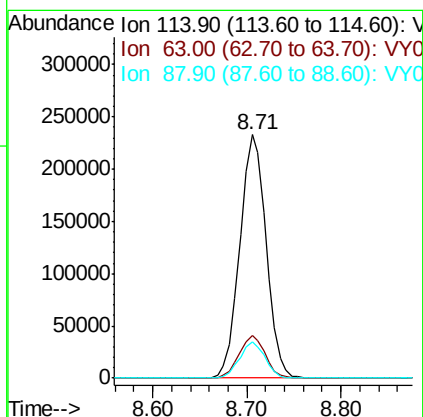
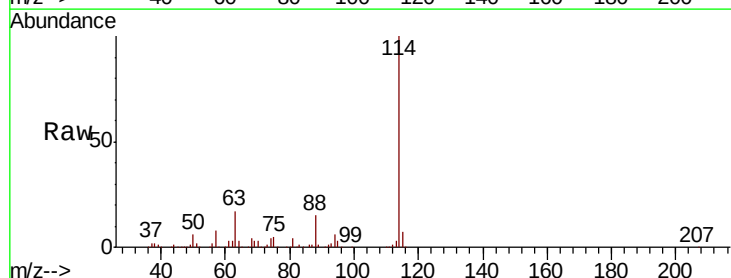
Instrument :
 MSVOA_Y
 ClientSampleId :

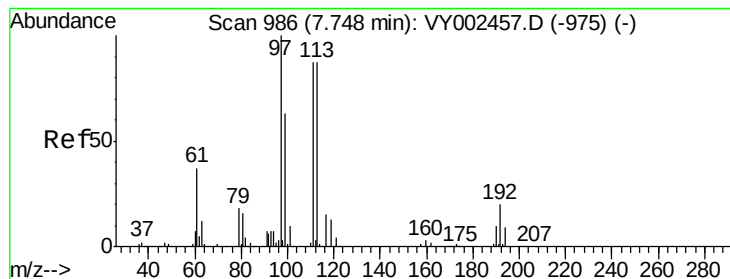
Tot Ion: 65 Resp: 121878
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Tgt Ion: 114 Resp: 452824
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.044 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

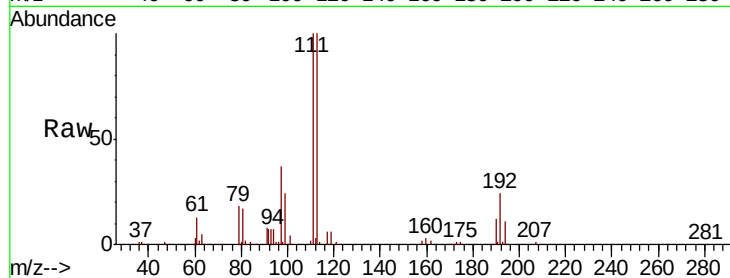
Tot Ion:113 Resp: 117603

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

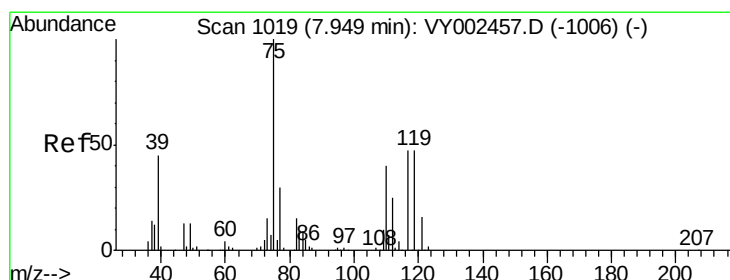
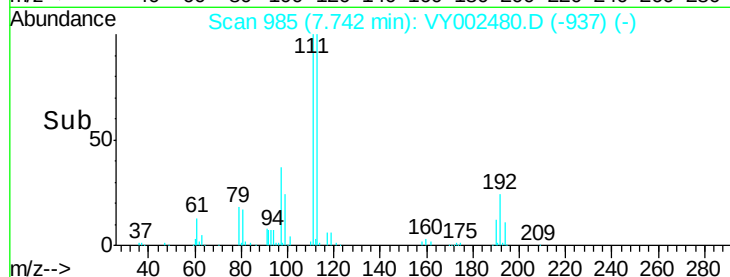
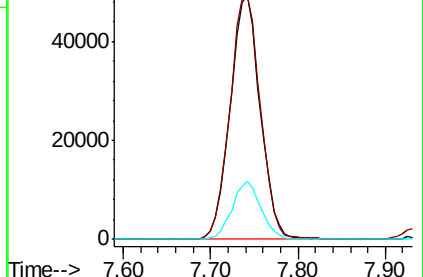
192 23.0 18.6 27.8



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: 19.572 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

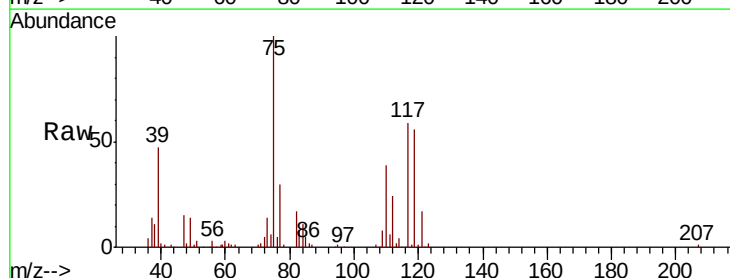
Tgt Ion: 75 Resp: 75994

Ion Ratio Lower Upper

75 100

110 39.0 19.4 58.4

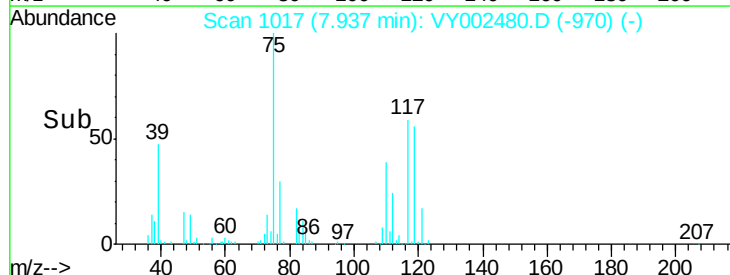
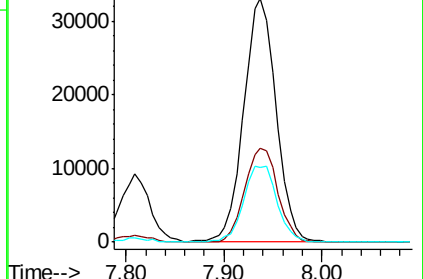
77 32.1 24.7 37.1

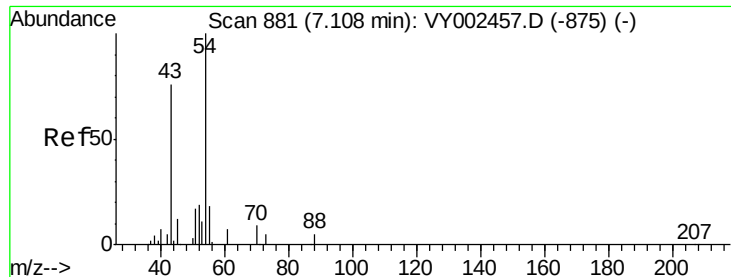


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

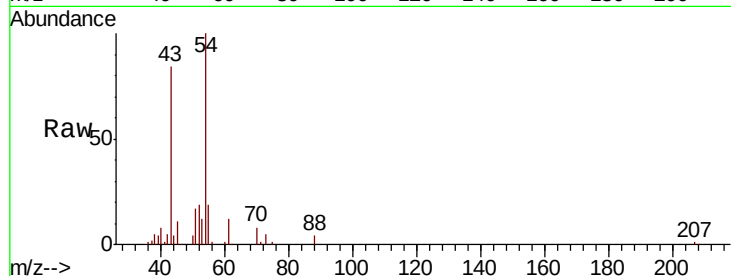




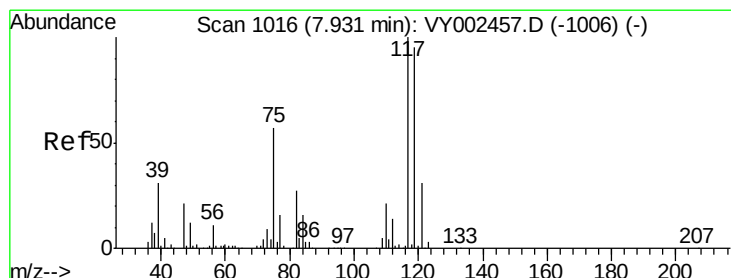
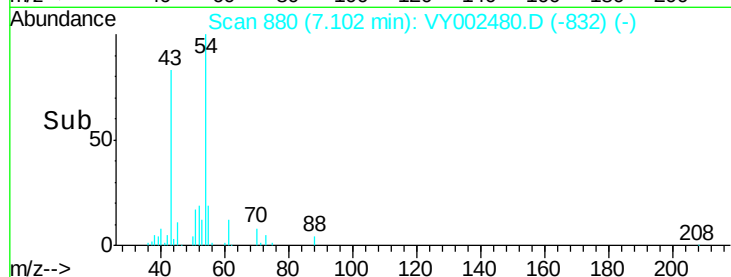
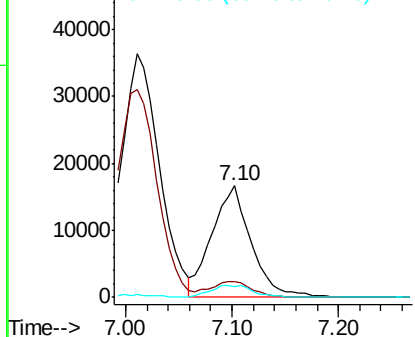
#37
Ethyl Acetate
Concen: 21.682 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 42293
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 12.0 9.3 13.9

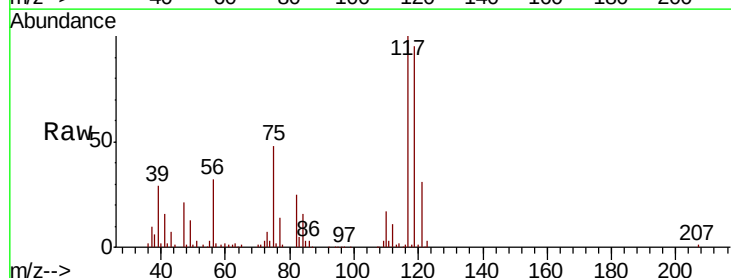


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

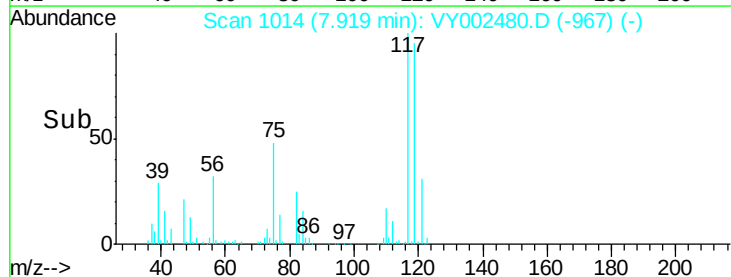
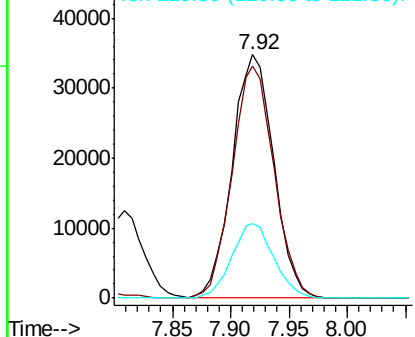


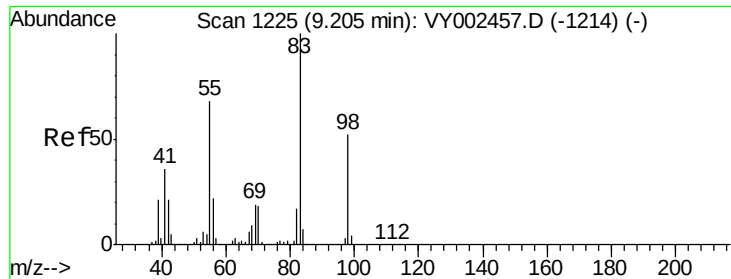
#38
Carbon Tetrachloride
Concen: 19.370 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 117 Resp: 86485
Ion Ratio Lower Upper
117 100
119 95.3 75.9 113.9
121 30.8 24.5 36.7



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

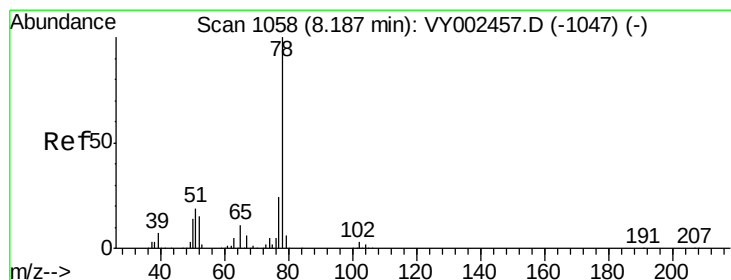
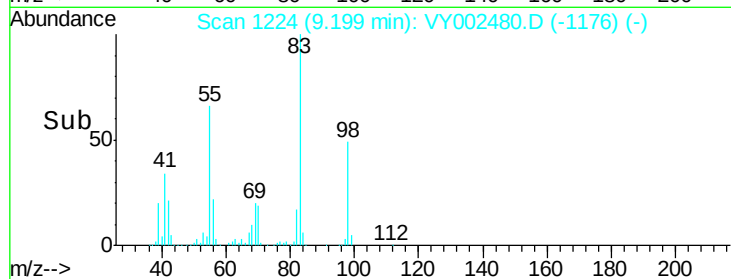
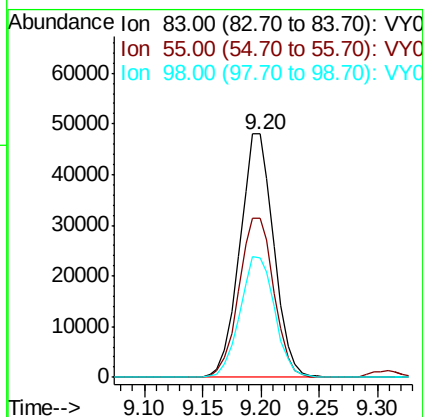
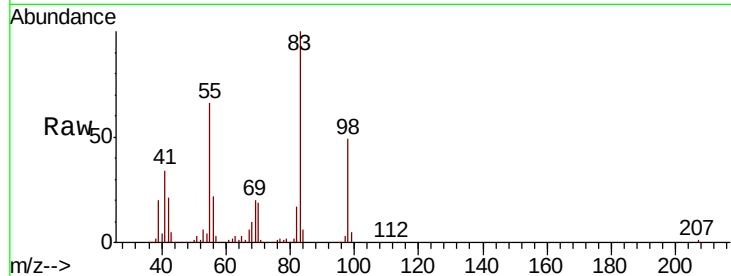




#39
Methylvlcyclohexane
Concen: 19.252 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

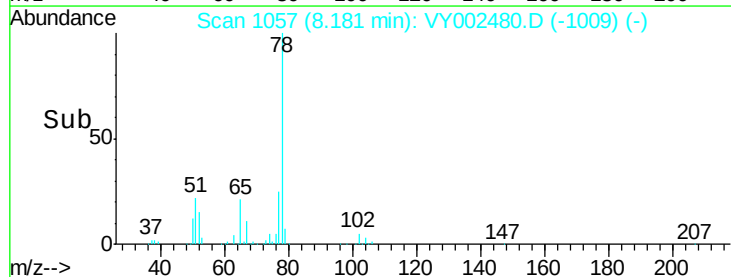
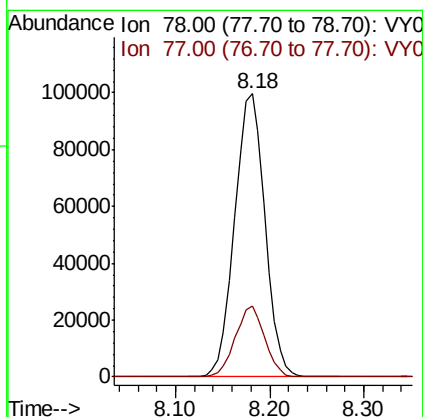
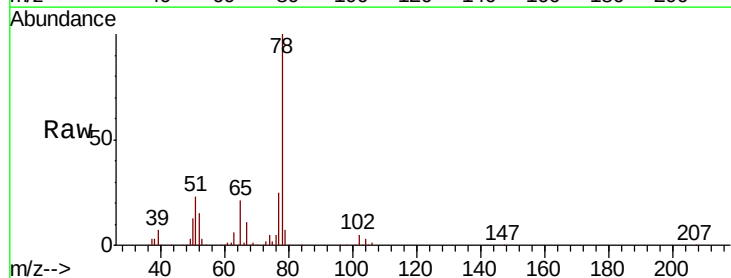
Instrument :
MSVOA_Y
ClientSampleId :

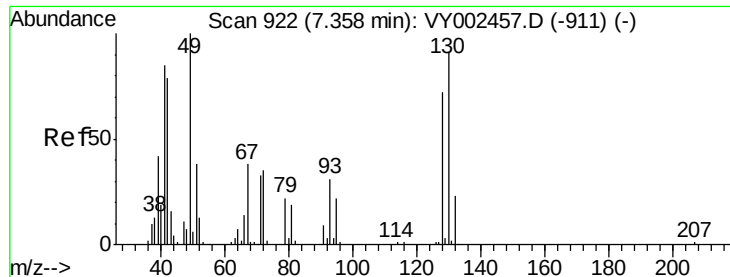
Tot Ion: 83 Resp: 97510
Ion Ratio Lower Upper
83 100
55 65.6 54.2 81.2
98 49.0 41.9 62.9



#40
Benzene
Concen: 19.952 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 78 Resp: 223910
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0

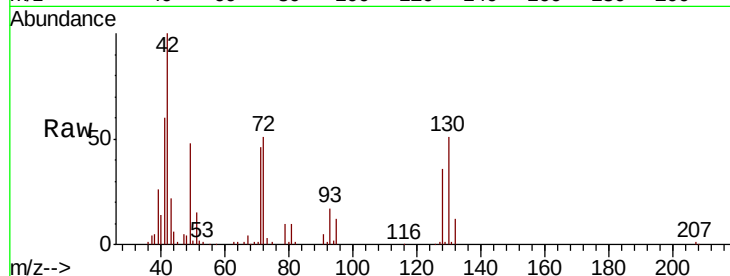




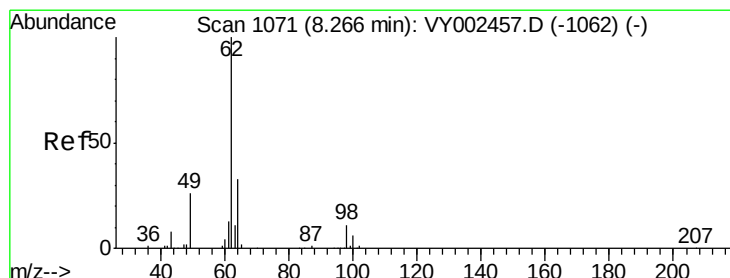
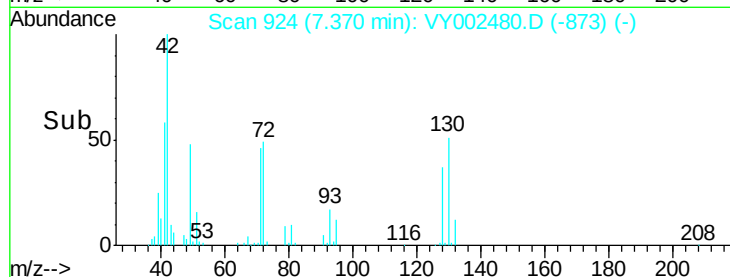
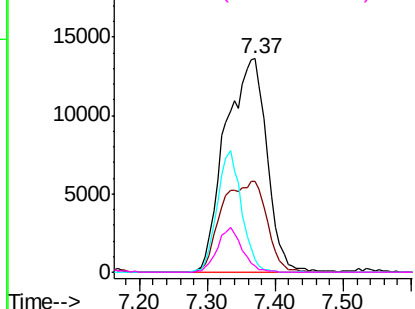
#41
Methacrylonitrile
Concen: 47.947 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 57622
Ion Ratio Lower Upper
41 100
39 46.1 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

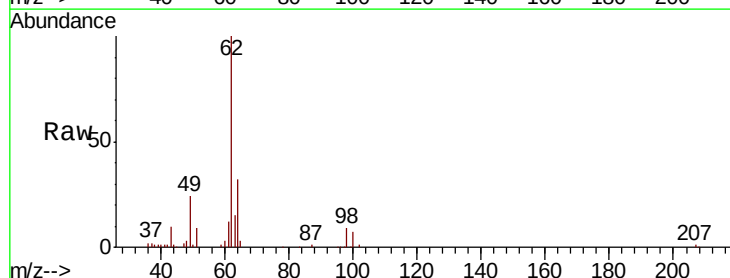


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

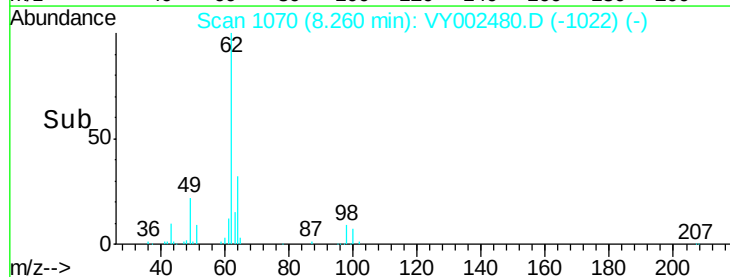
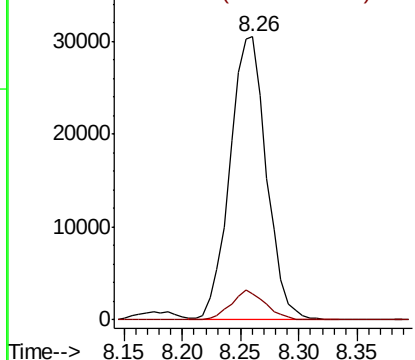


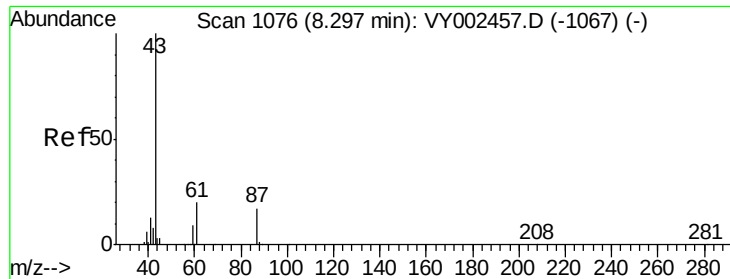
#42
1,2-Dichloroethane
Concen: 20.435 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 62 Resp: 66618
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 21.332 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

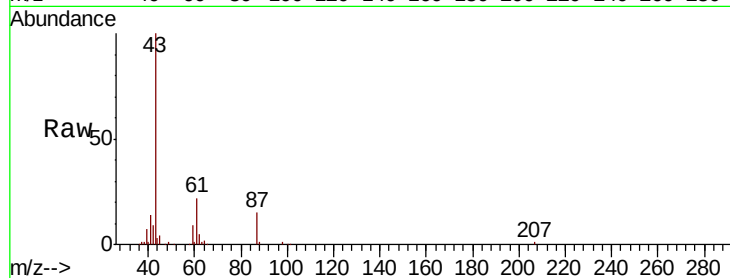
Tot Ion: 43 Resp: 77825

Ion Ratio Lower Upper

43 100

61 30.4 25.0 37.4

87 15.8 13.0 19.4

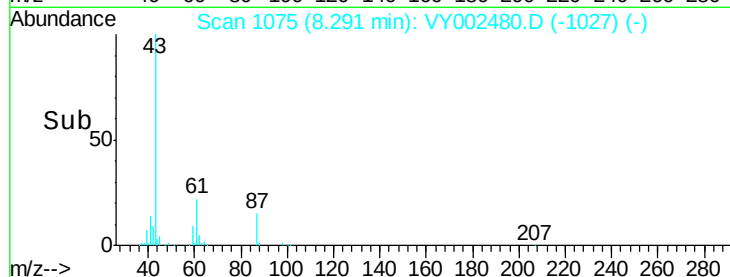


Abundance Ion 43.00 (42.70 to 43.70): VY002480.D (-1075) (-)

Ion 61.00 (60.70 to 61.70): VY002480.D (-1075) (-)

Ion 87.00 (86.70 to 87.70): VY002480.D (-1075) (-)

Time-->



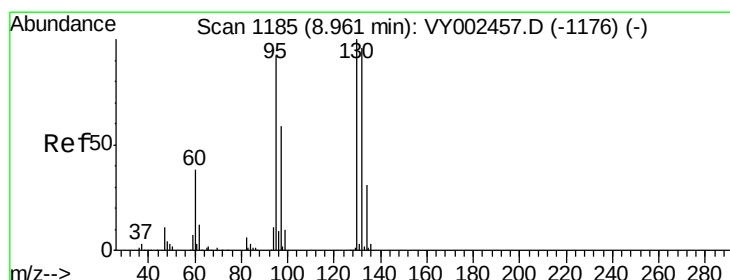
Abundance

Ion 43.00 (42.70 to 43.70): VY002480.D (-1075) (-)

Ion 61.00 (60.70 to 61.70): VY002480.D (-1075) (-)

Ion 87.00 (86.70 to 87.70): VY002480.D (-1075) (-)

Time-->



#44

Trichloroethene

Concen: 19.795 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002480.D

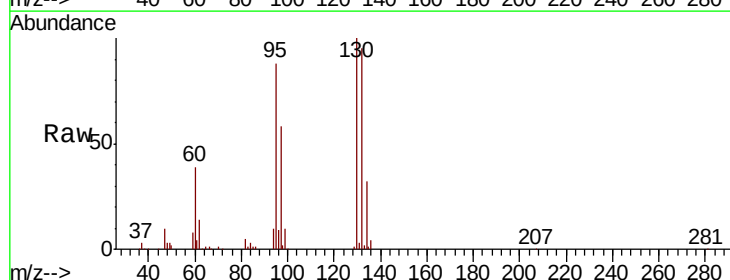
Acq: 24 Apr 2020 14:24

Tgt Ion:130 Resp: 69464

Ion Ratio Lower Upper

130 100

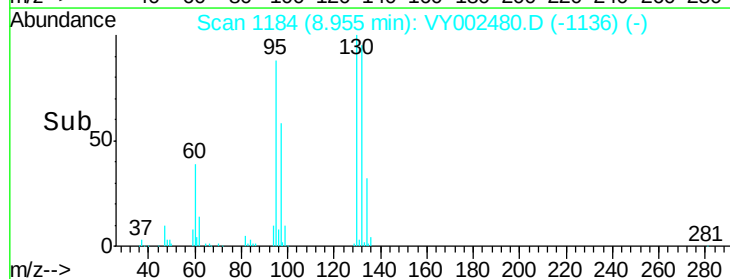
95 88.4 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VY002480.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY002480.D (-1184) (-)

Time-->

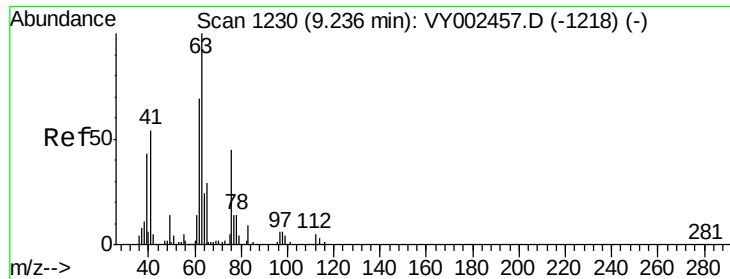


Abundance

Ion 129.80 (129.50 to 130.50): VY002480.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY002480.D (-1184) (-)

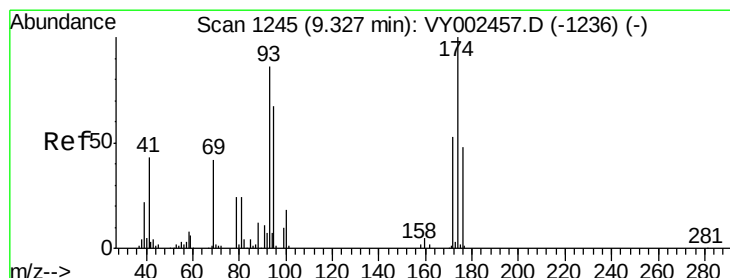
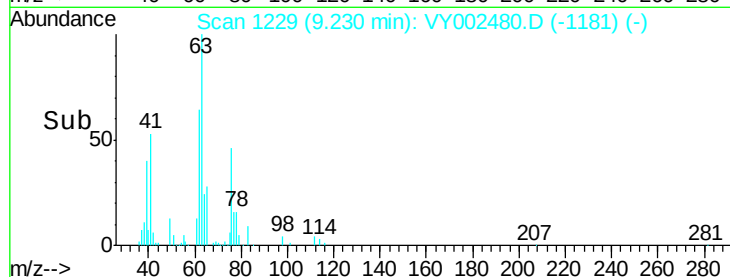
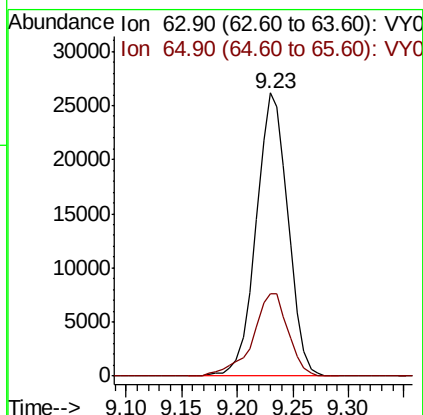
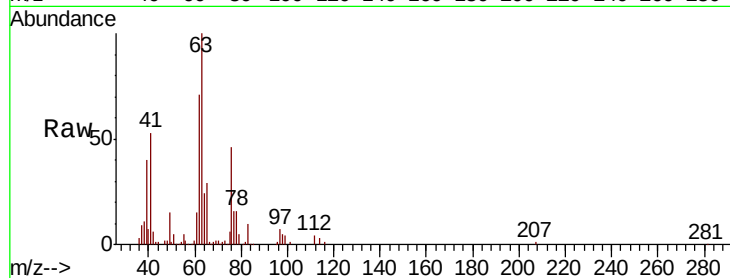
Time-->



#45
 1,2-Dichloropropane
 Concen: 20.126 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

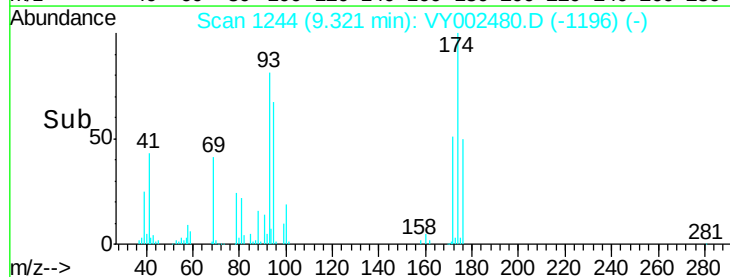
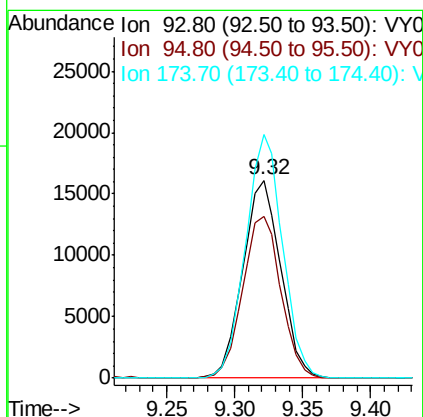
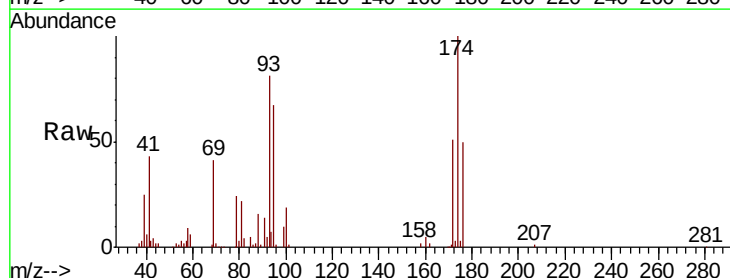
Instrument :
 MSVOA_Y
 ClientSampleId :

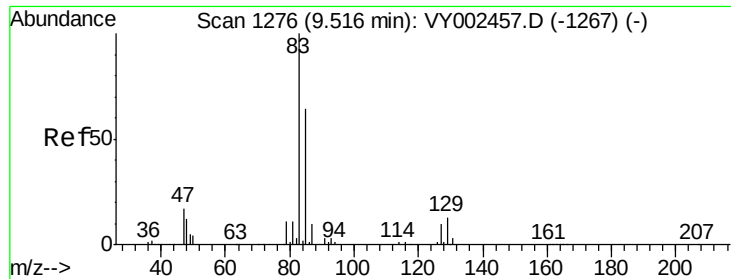
Tot Ion: 63 Resp: 52055
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.4 35.0



#46
 Dibromomethane
 Concen: 20.784 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Tgt Ion: 93 Resp: 31452
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.4 98.0
 174 120.3 94.8 142.2





#47

Bromodichloromethane

Concen: 20.077 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

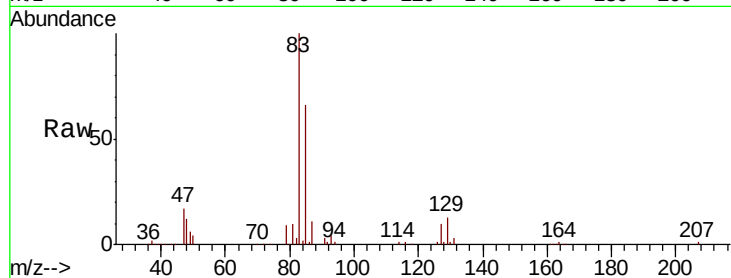
Tot Ion: 83 Resp: 75976

Ion Ratio Lower Upper

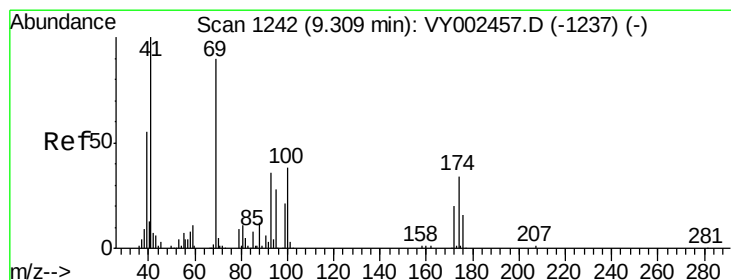
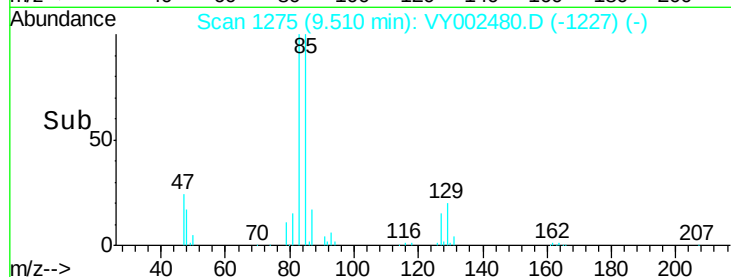
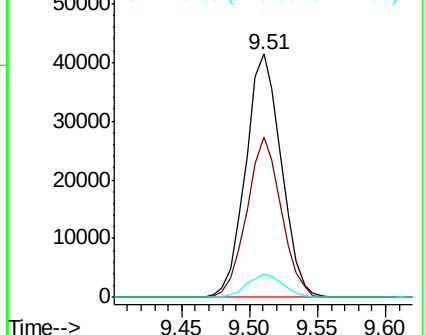
83 100

85 65.8 51.2 76.8

127 9.7 7.7 11.5



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



#48

Methyl methacrylate

Concen: 20.319 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

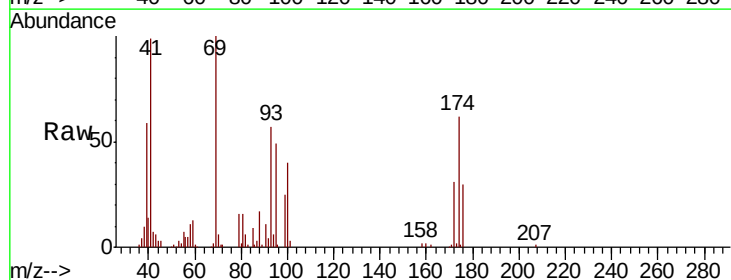
Tgt Ion: 41 Resp: 33842

Ion Ratio Lower Upper

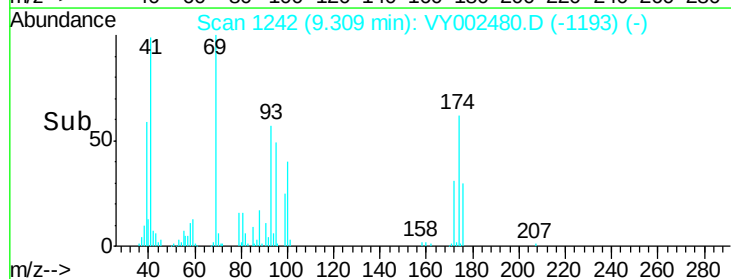
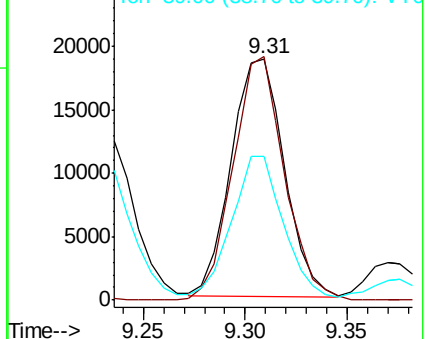
41 100

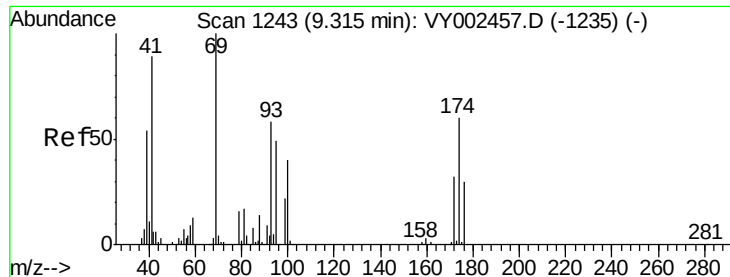
69 99.3 77.9 116.9

39 60.6 47.9 71.9



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





#49

1,4-Dioxane

Concen: 474.669 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :

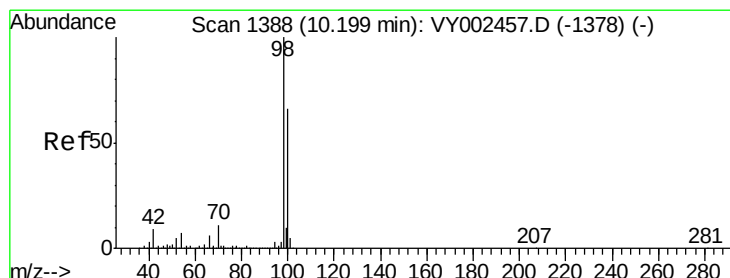
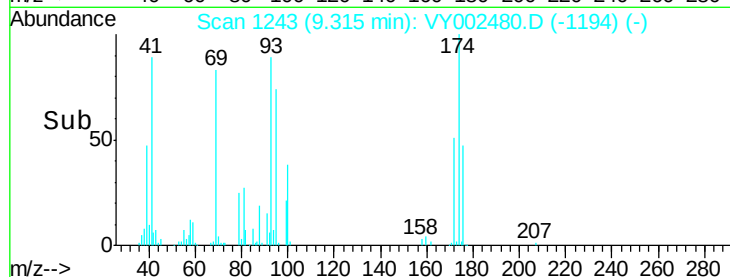
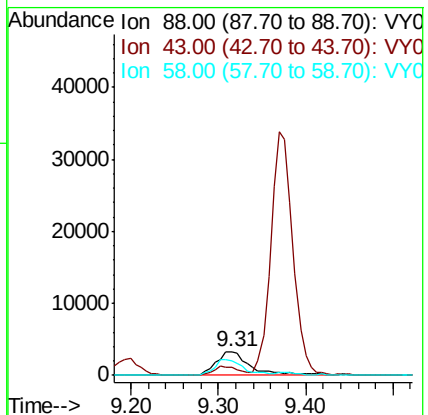
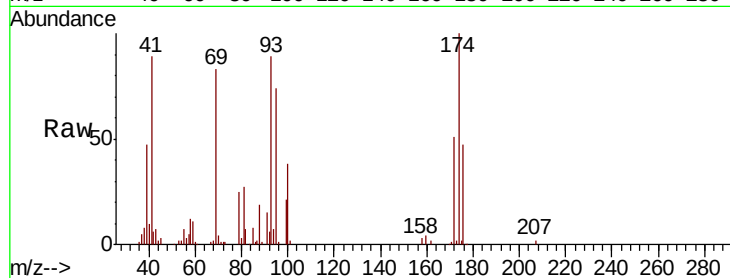
Tot Ion: 88 Resp: 9154

Ion Ratio Lower Upper

88 100

43 28.1 22.9 34.3

58 57.0 49.5 74.3



#50

Toluene-d8

Concen: 43.836 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002480.D

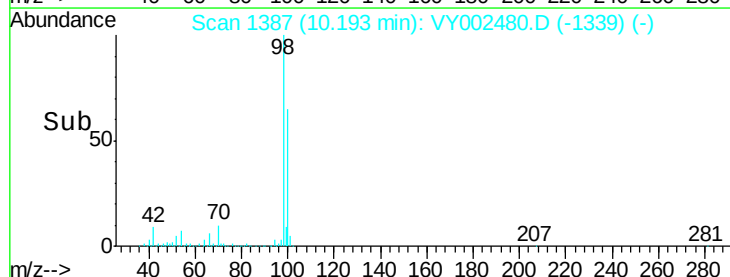
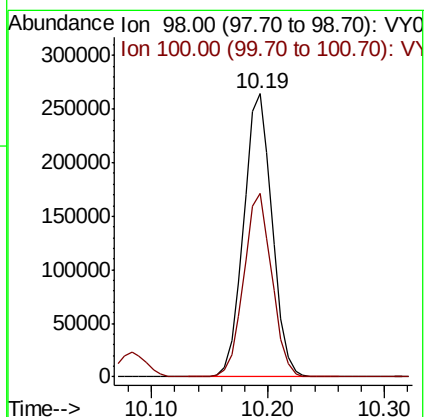
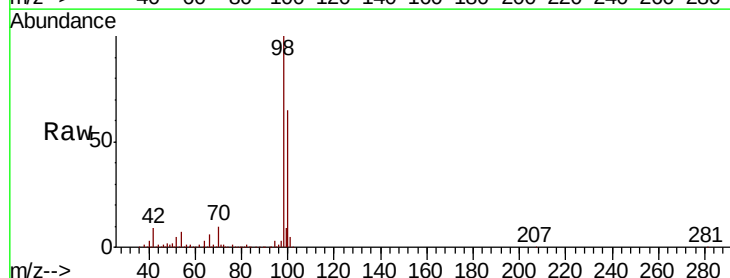
Acq: 24 Apr 2020 14:24

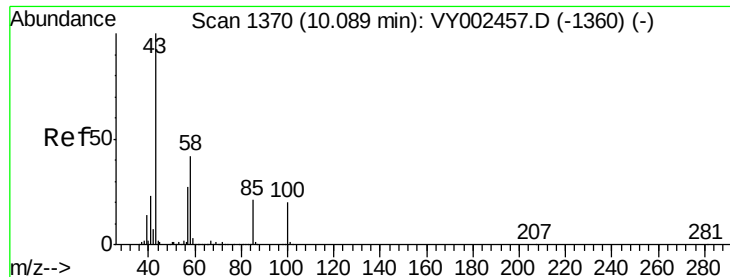
Tgt Ion: 98 Resp: 450009

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

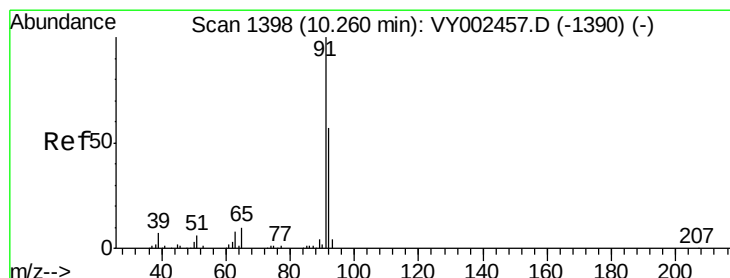
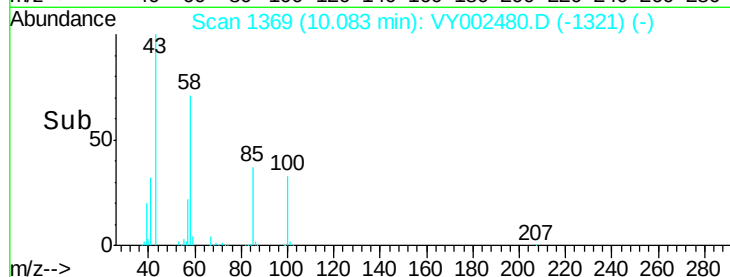
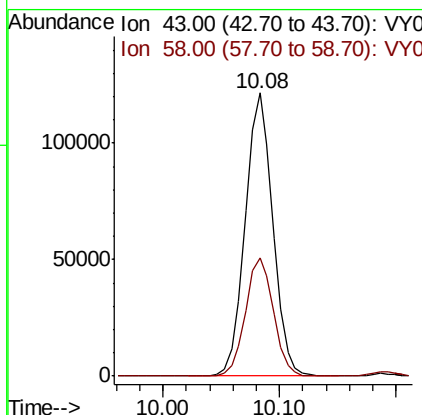
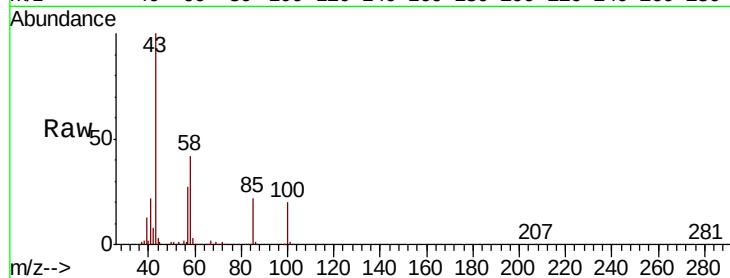




#51
4-Methyl-2-Pentanone
Concen: 106.347 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

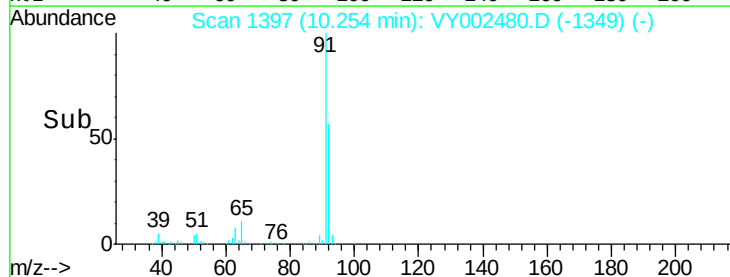
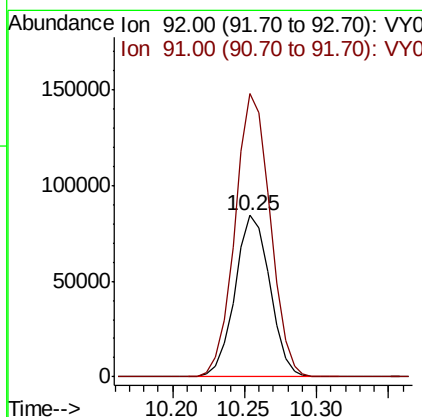
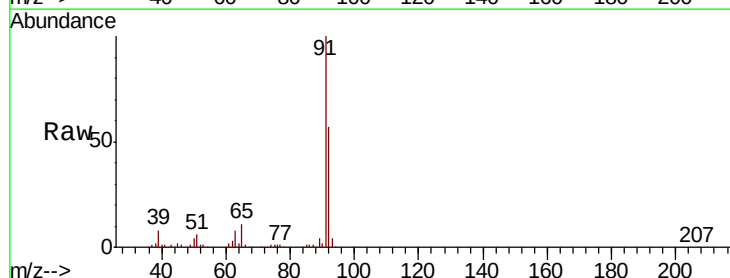
Instrument :
MSVOA_Y
ClientSampled :

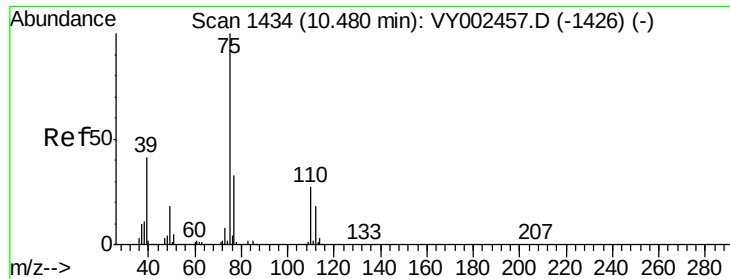
Tot Ion: 43 Resp: 201527
Ion Ratio Lower Upper
43 100
58 42.1 33.2 49.8



#52
Toluene
Concen: 19.697 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 92 Resp: 142288
Ion Ratio Lower Upper
92 100
91 176.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.806 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

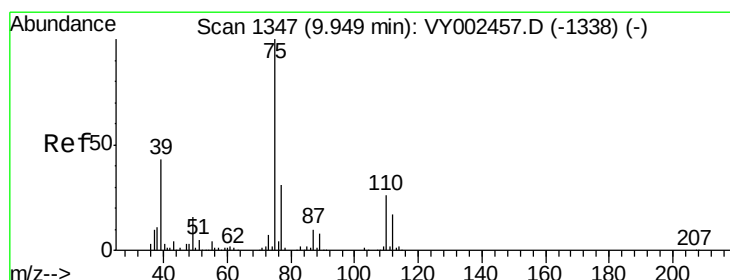
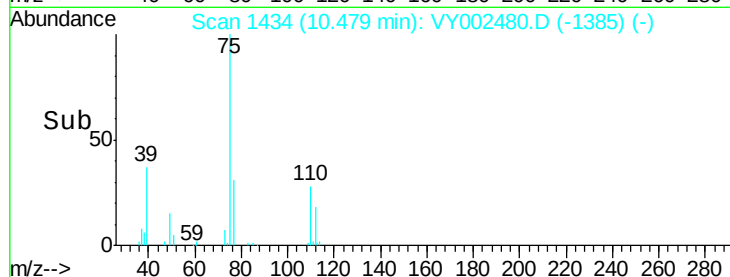
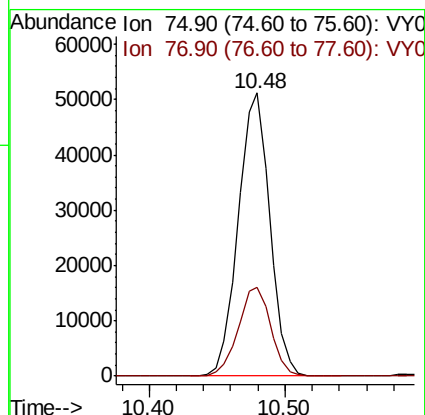
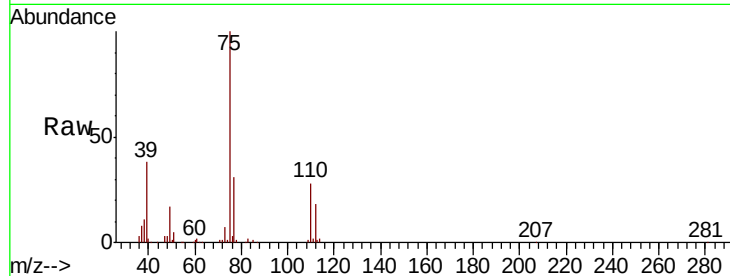
ClientSampleId :

Tot Ion: 75 Resp: 82688

Ion Ratio Lower Upper

75 100

77 31.4 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.224 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

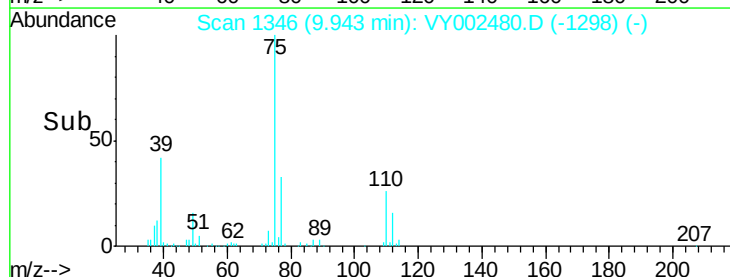
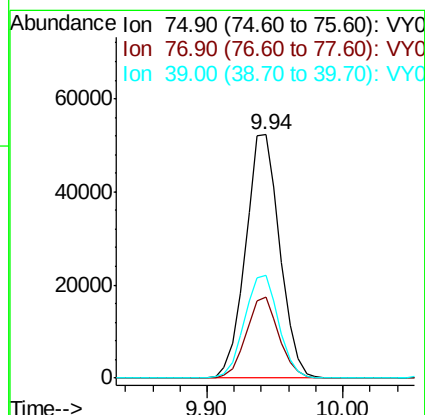
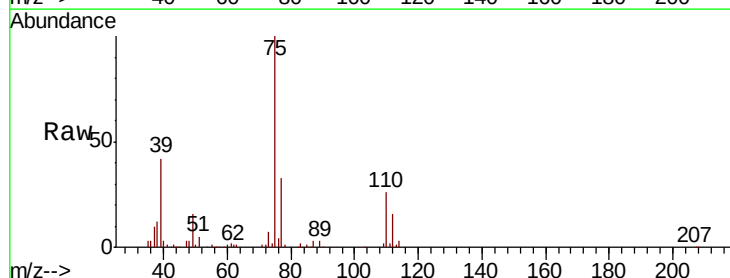
Tgt Ion: 75 Resp: 91993

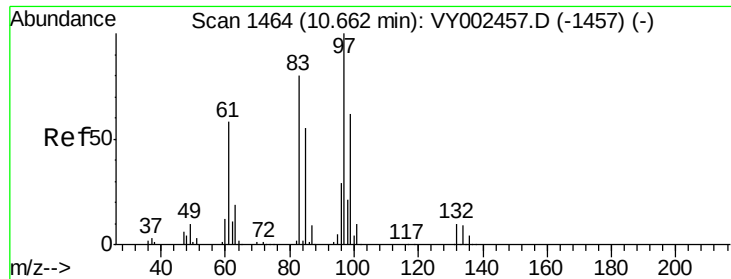
Ion Ratio Lower Upper

75 100

77 33.4 25.2 37.8

39 42.0 34.2 51.2





#55

1,1,2-Trichloroethane

Concen: 20.598 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 46087

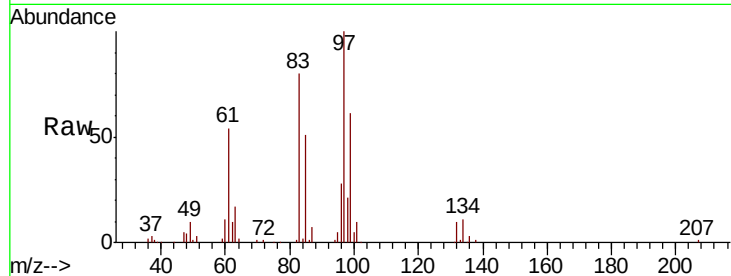
Ion Ratio Lower Upper

97 100

83 80.1 63.8 95.8

85 51.4 43.9 65.9

99 60.7 49.8 74.6

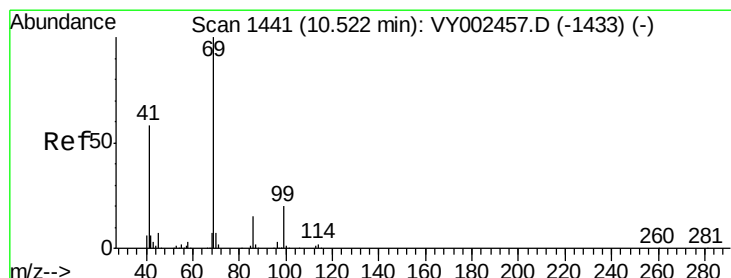
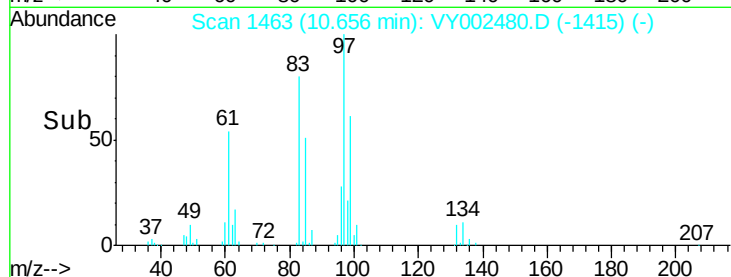
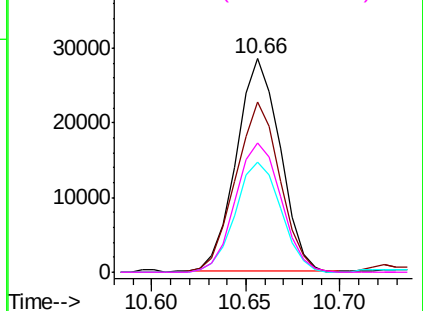


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.835 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

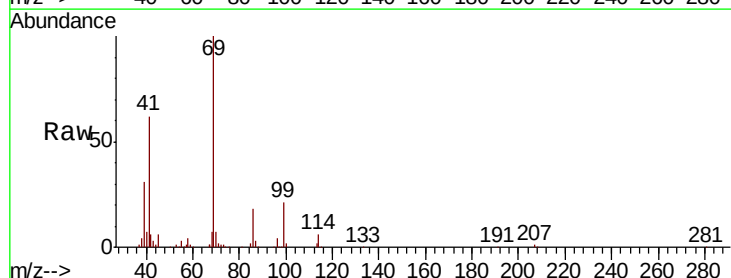
Tgt Ion: 69 Resp: 63697

Ion Ratio Lower Upper

69 100

41 60.3 47.5 71.3

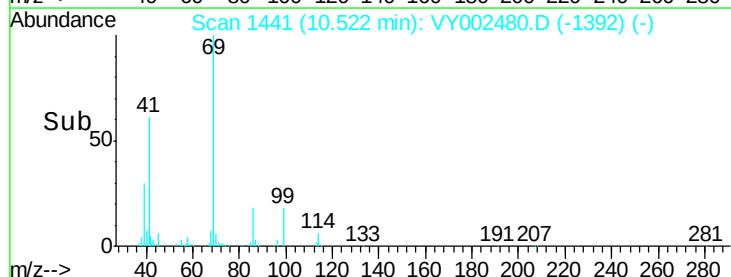
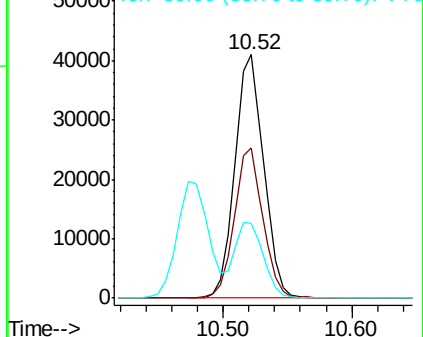
39 32.0 25.7 38.5

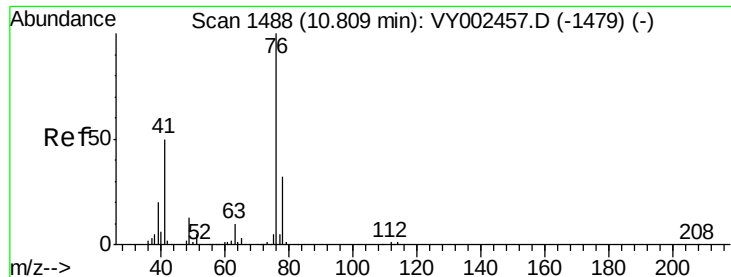


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.703 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

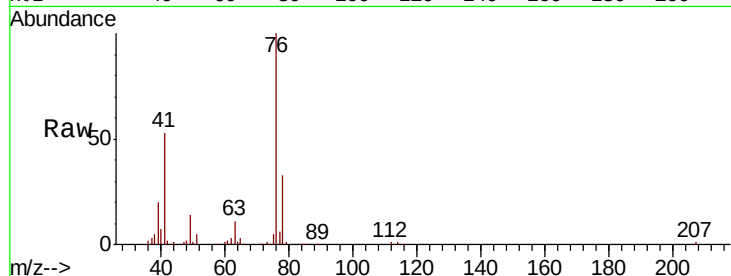
ClientSampleId :

Tot Ion: 76 Resp: 78204

Ion Ratio Lower Upper

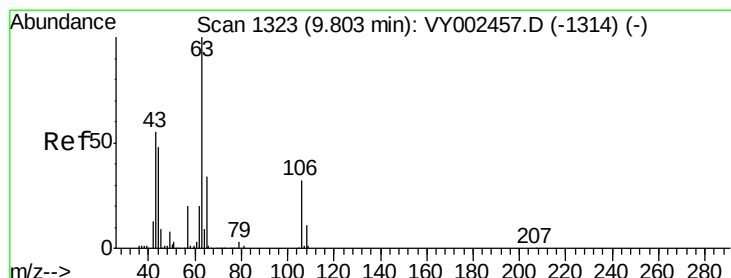
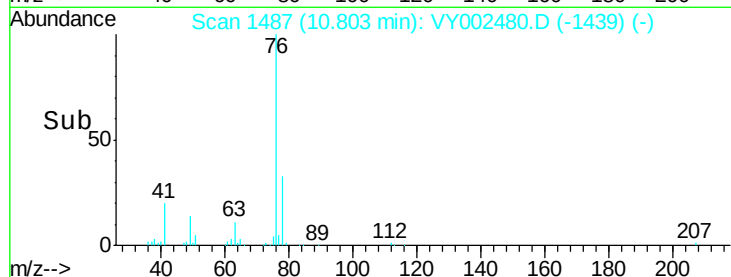
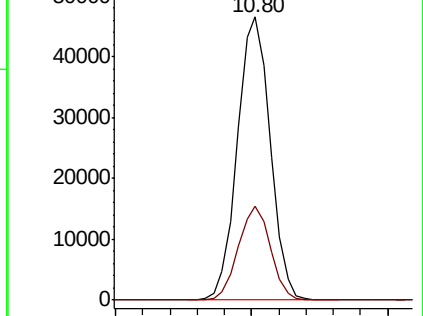
76 100

78 32.5 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: 104.962 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002480.D

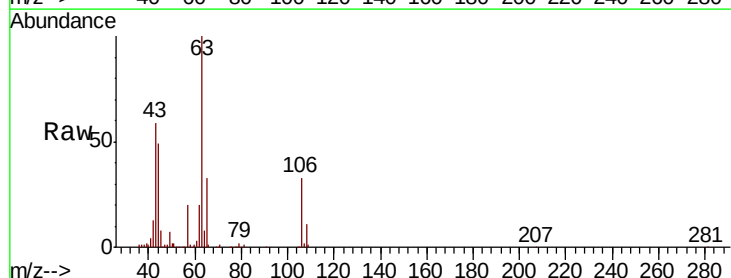
Acq: 24 Apr 2020 14:24

Tgt Ion: 63 Resp: 155175

Ion Ratio Lower Upper

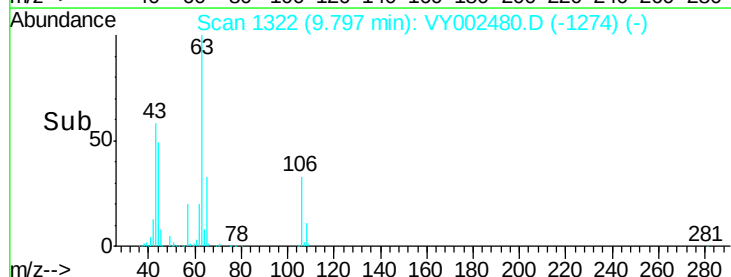
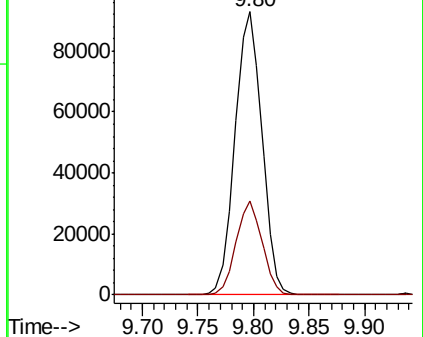
63 100

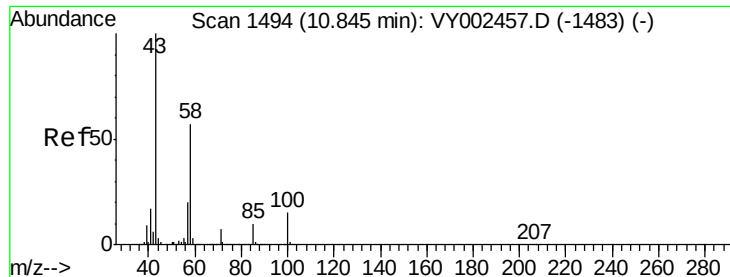
106 32.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 106.688 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

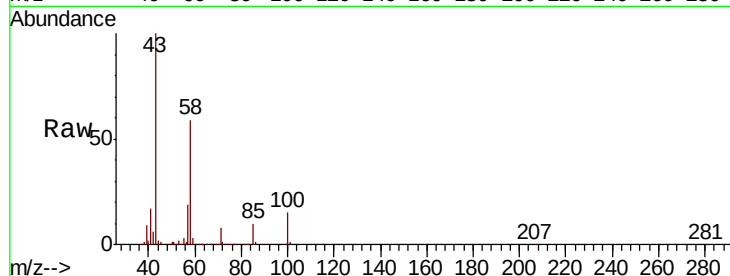
ClientSampled :

Tot Ion: 43 Resp: 140922

Ion Ratio Lower Upper

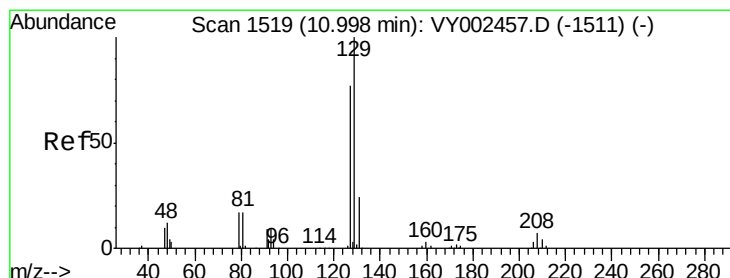
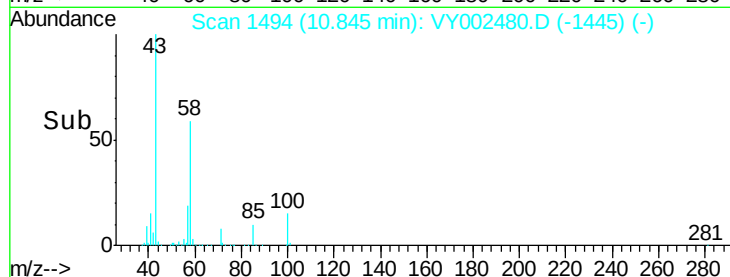
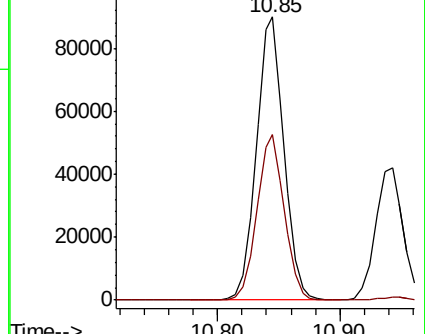
43 100

58 58.0 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1483) (-)



#60

Dibromochloromethane

Concen: 20.743 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. -0.00 min

Lab File: VY002480.D

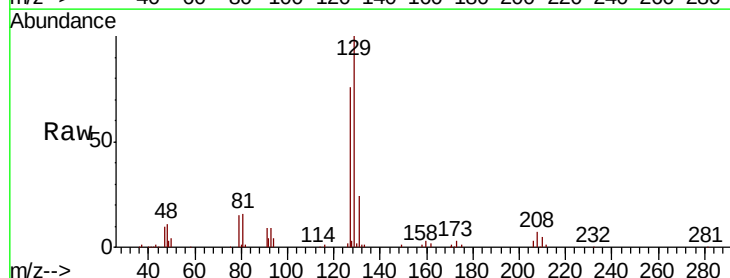
Acq: 24 Apr 2020 14:24

Tgt Ion: 129 Resp: 60814

Ion Ratio Lower Upper

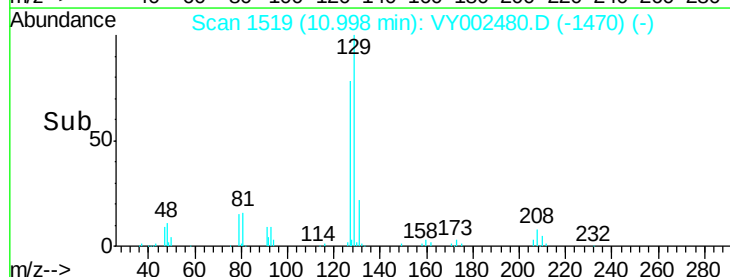
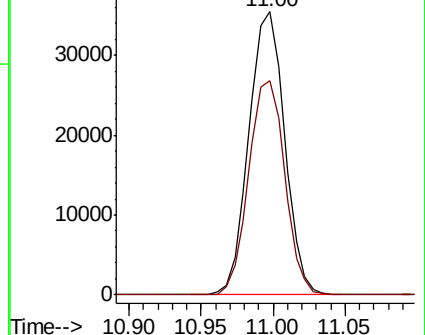
129 100

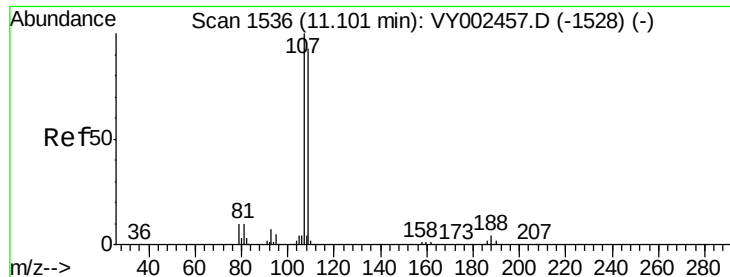
127 76.4 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VY002457.D (-1511) (-)

Ion 126.80 (126.50 to 127.50): VY002457.D (-1511) (-)

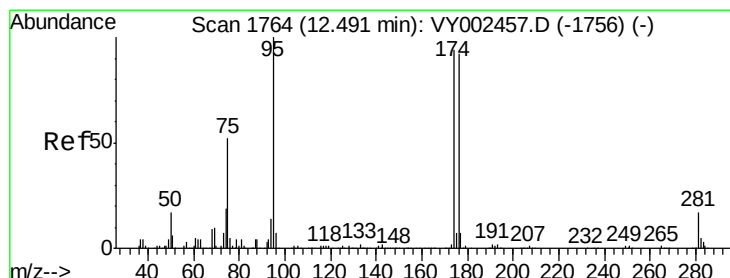
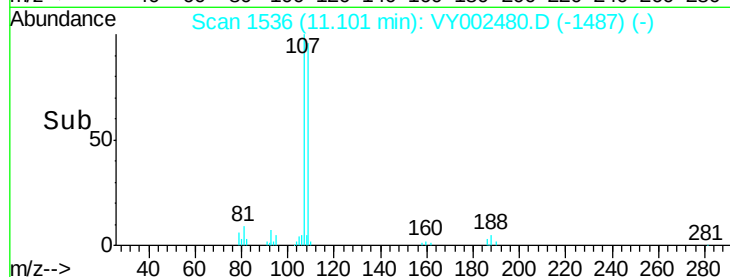
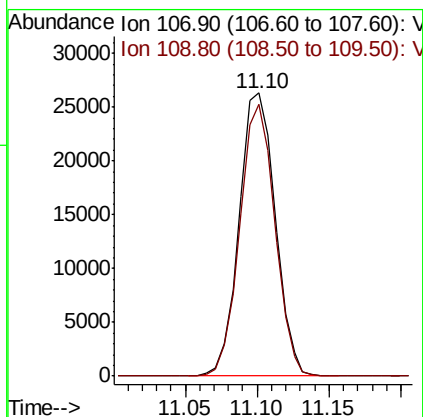
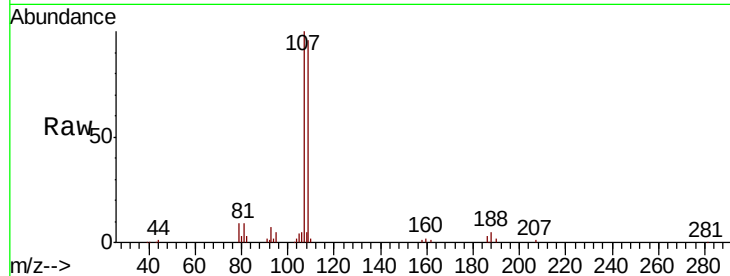




#61
 1,2-Dibromoethane
 Concen: 20.590 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

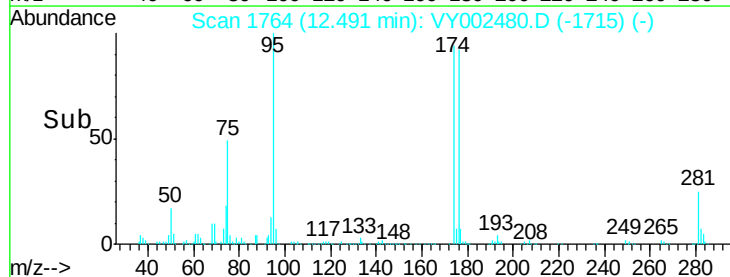
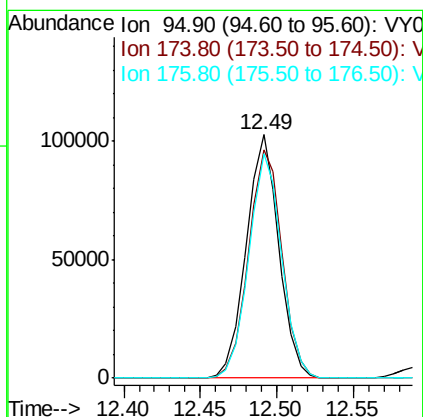
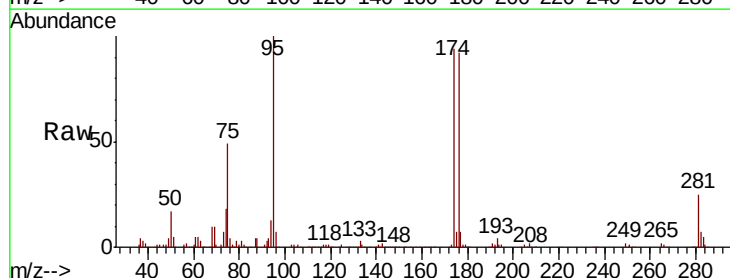
Instrument :
 MSVOA_Y
 ClientSampleId :

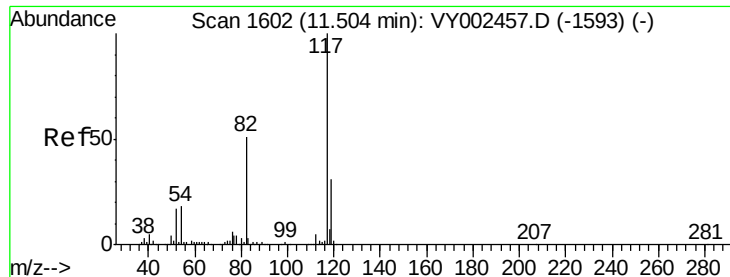
Tot Ion: 107 Resp: 45683
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 44.034 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Tgt Ion: 95 Resp: 151680
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 193.0
 176 92.8 0.0 190.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

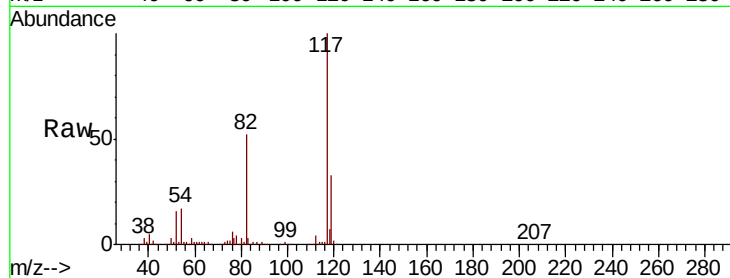
Tot Ion:117 Resp: 410600

Ion Ratio Lower Upper

117 100

82 51.8 40.8 61.2

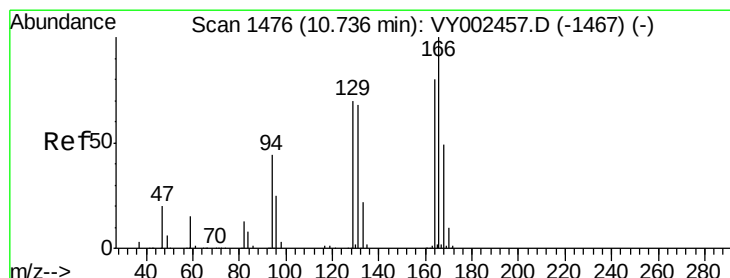
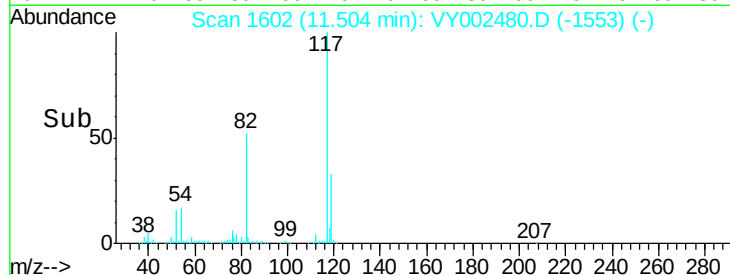
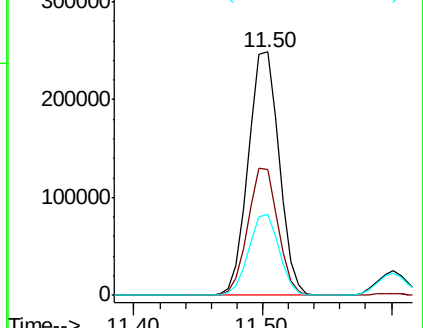
119 33.3 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.006 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Tgt Ion:164 Resp: 75287

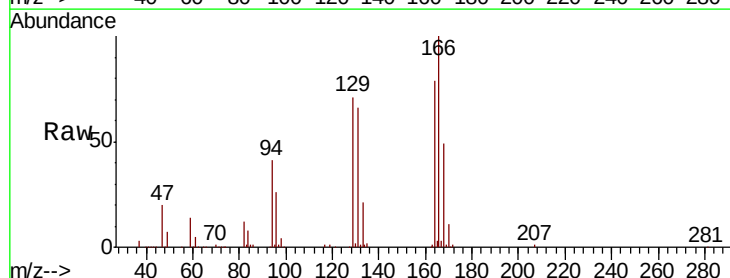
Ion Ratio Lower Upper

164 100

166 125.9 100.0 150.0

129 89.0 69.8 104.8

131 83.5 67.9 101.9

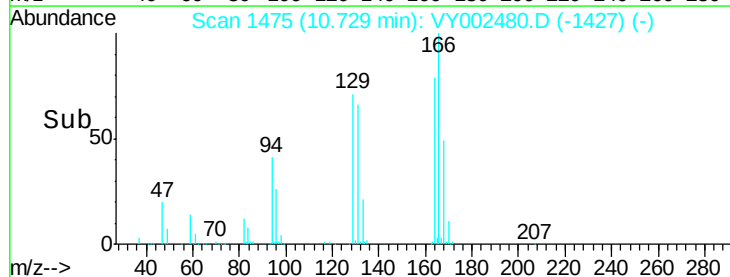
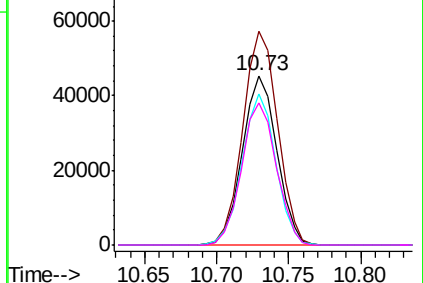


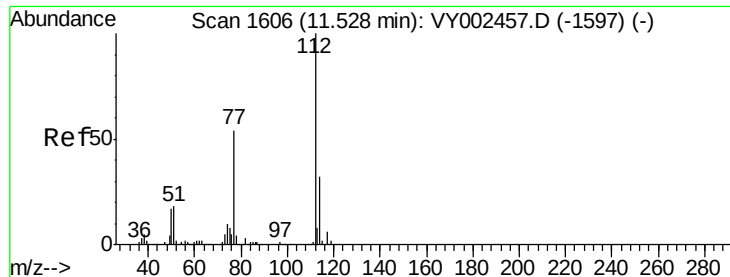
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

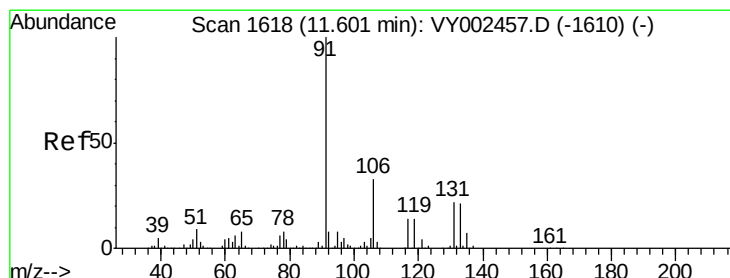
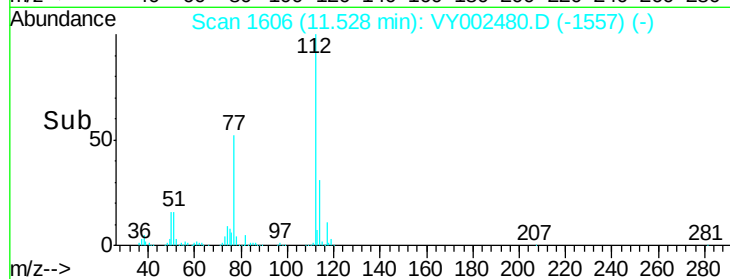
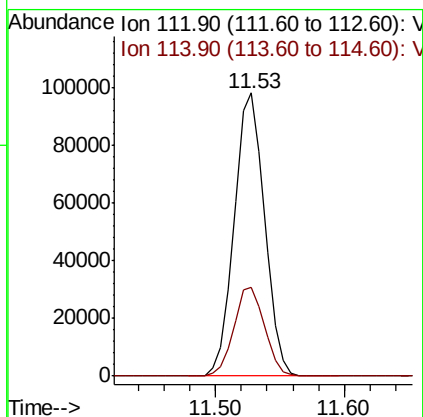
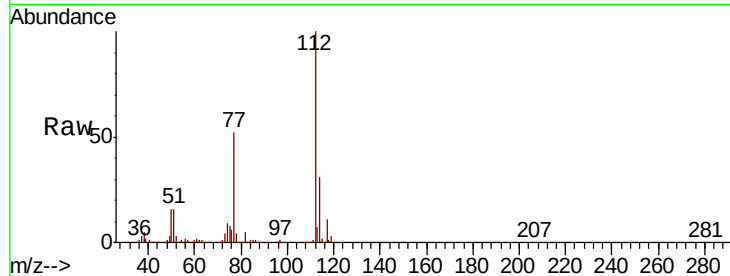




#65
Chlorobenzene
Concen: 20.292 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

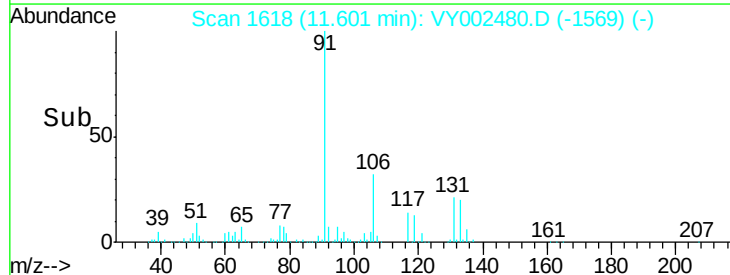
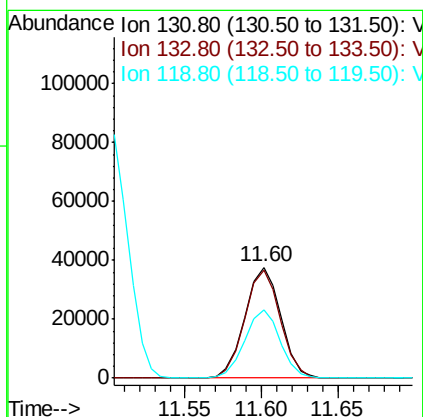
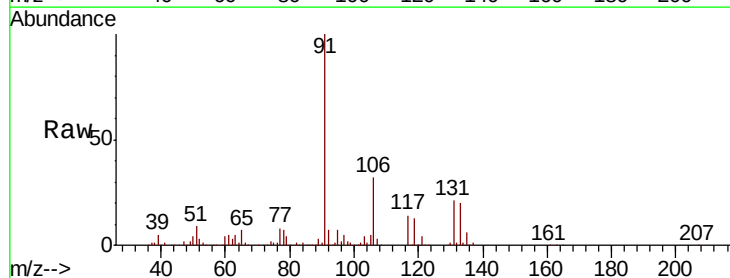
Instrument :
MSVOA_Y
ClientSampleId :

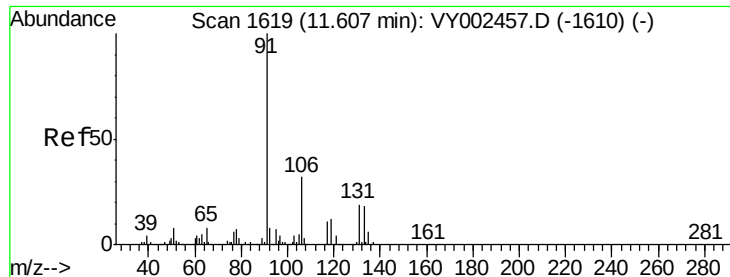
Tot Ion:112 Resp: 160628
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.684 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion:131 Resp: 61433
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 61.1 31.1 93.3





#67

Ethyl Benzene

Concen: 19.677 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

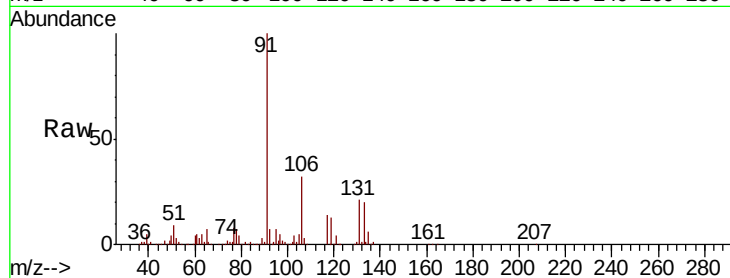
ClientSampleId :

Tot Ion: 91 Resp: 277601

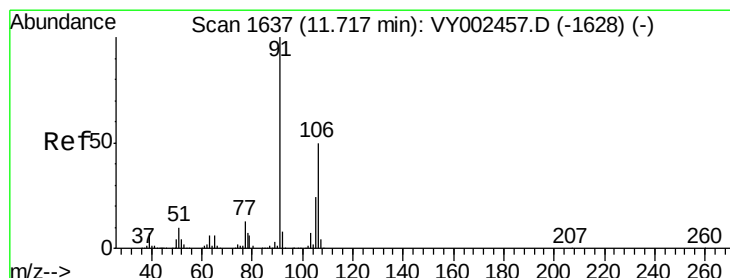
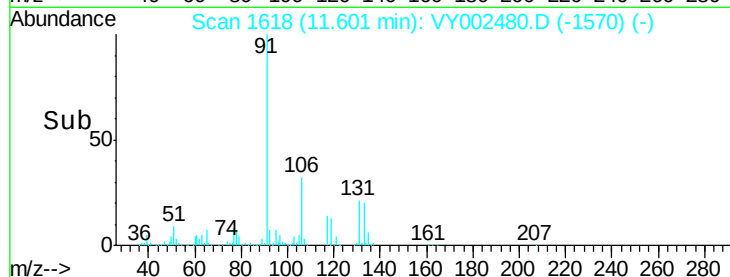
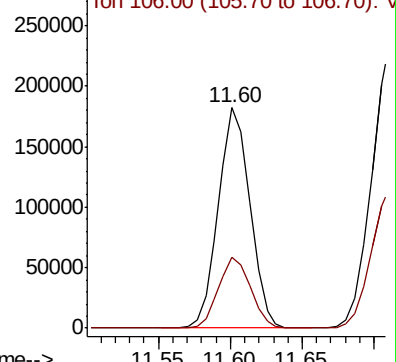
Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1610) (-)



#68

m/p-Xylenes

Concen: 39.891 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: VY002480.D

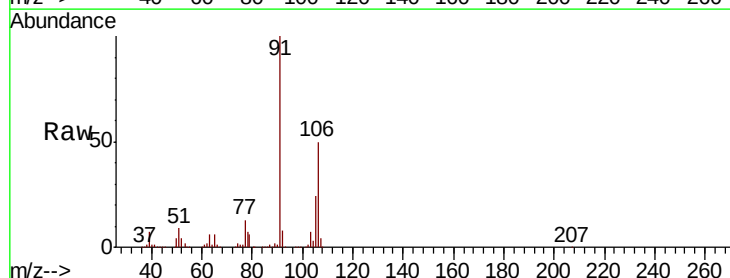
Acq: 24 Apr 2020 14:24

Tgt Ion: 106 Resp: 216642

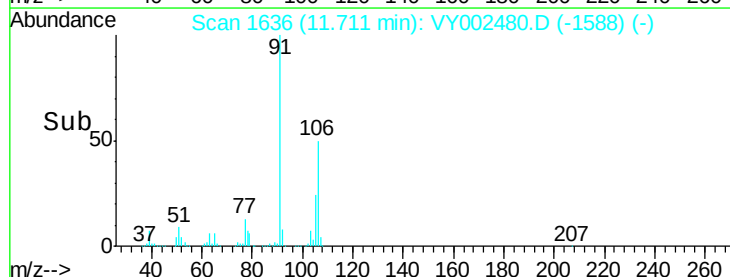
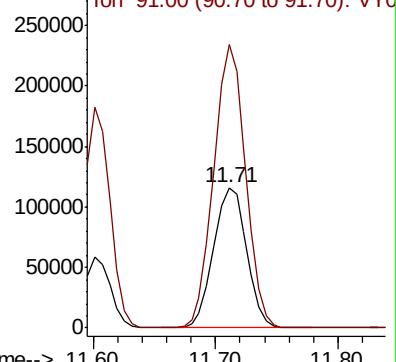
Ion Ratio Lower Upper

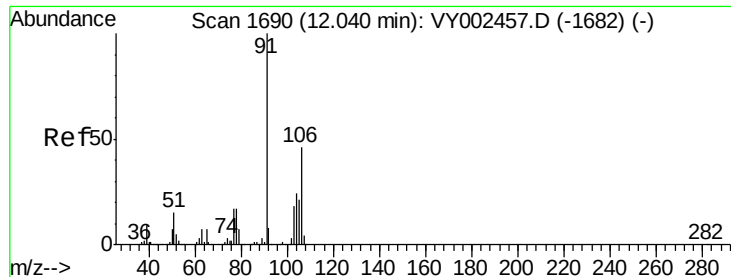
106 100

91 195.4 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002457.D (-1628) (-)

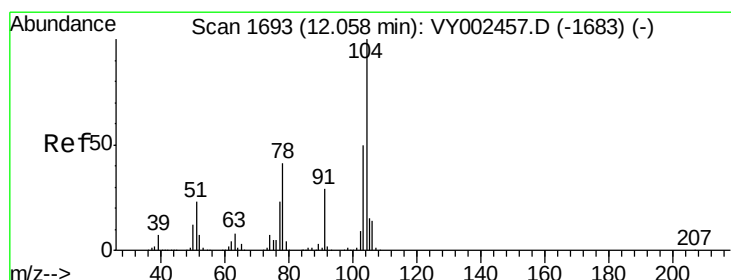
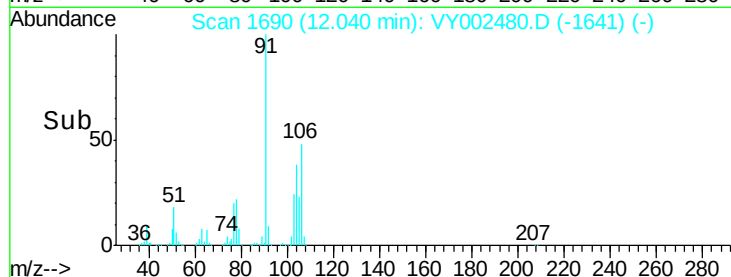
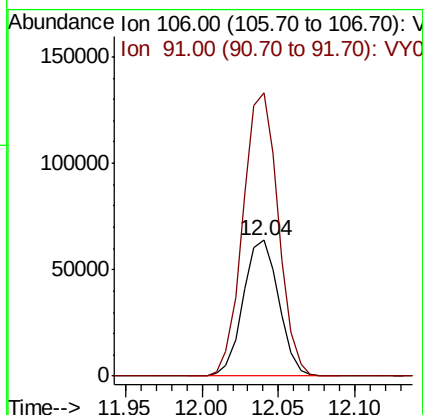
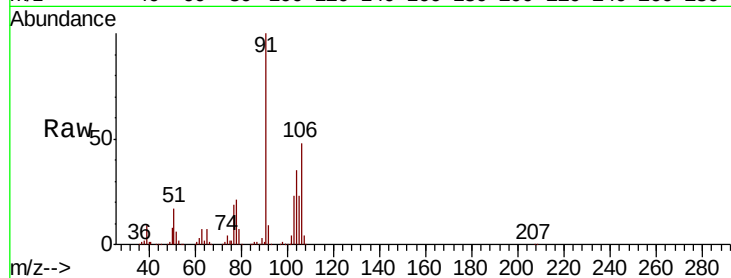




#69
o-Xylene
Concen: 20.554 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

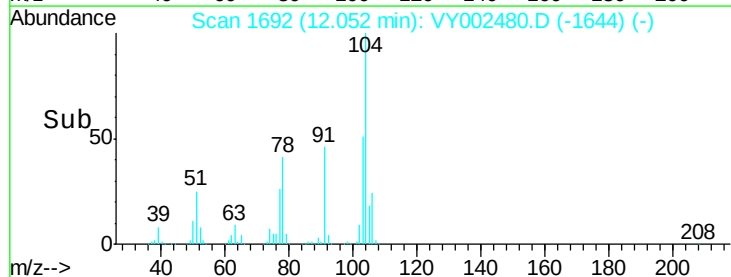
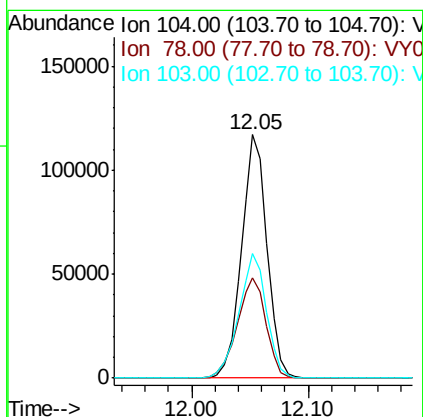
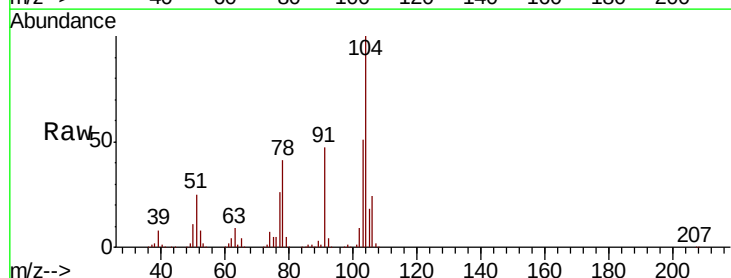
Instrument :
MSVOA_Y
ClientSampled :

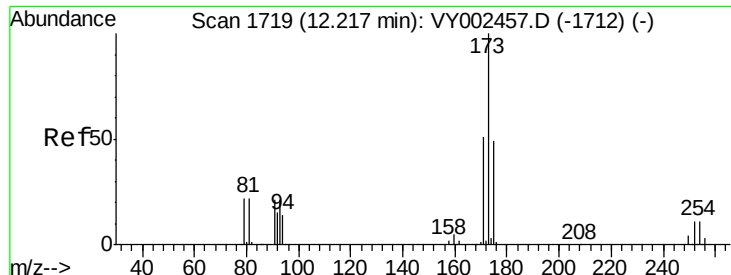
Tot Ion:106 Resp: 103372
Ion Ratio Lower Upper
106 100
91 206.8 104.5 313.3



#70
Styrene
Concen: 20.351 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion:104 Resp: 178219
Ion Ratio Lower Upper
104 100
78 46.4 38.0 57.0
103 55.3 44.4 66.6





#71

Bromoform

Concen: 20.975 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

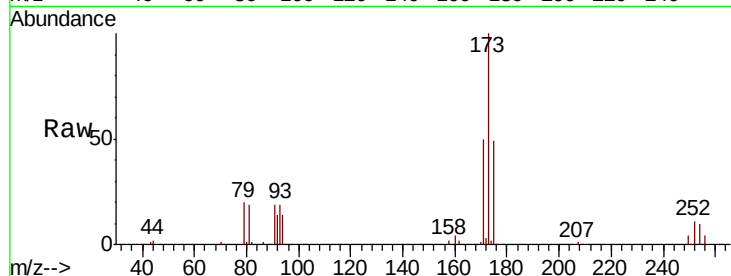
Tot Ion:173 Resp: 39245

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

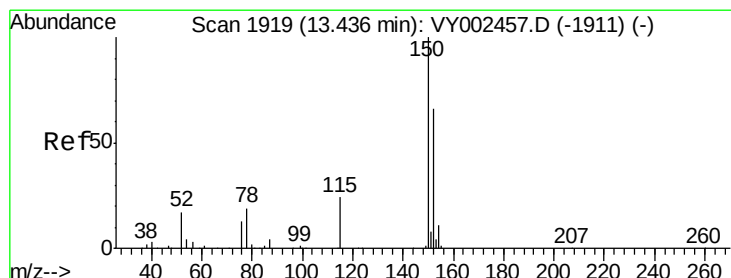
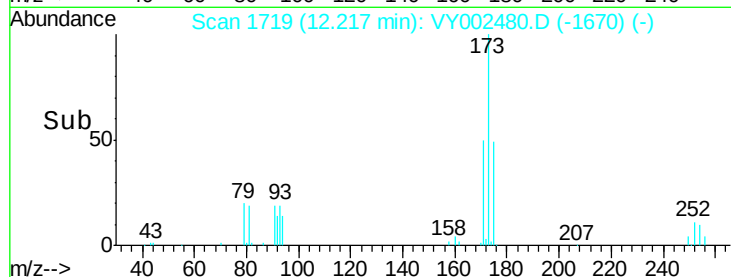
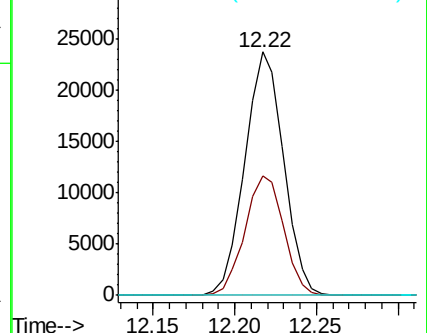
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

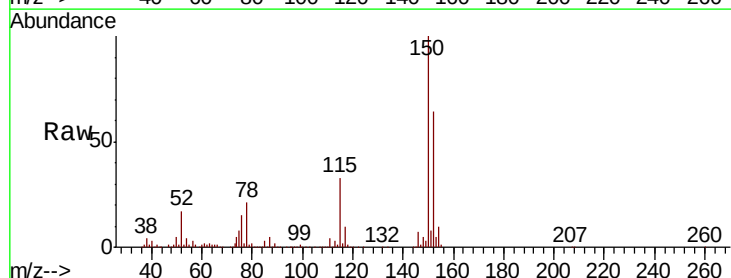
Tgt Ion:152 Resp: 215568

Ion Ratio Lower Upper

152 100

115 53.7 27.3 81.8

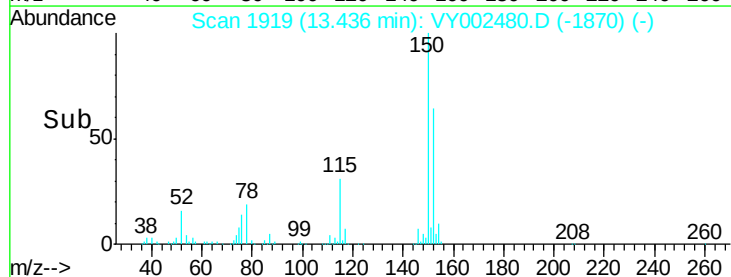
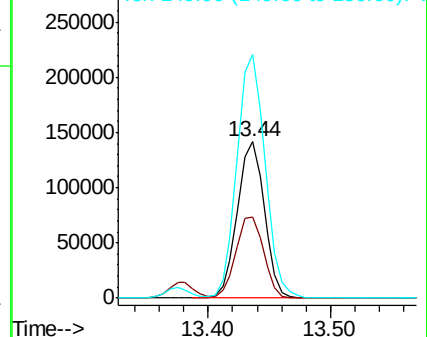
150 162.3 0.0 346.8

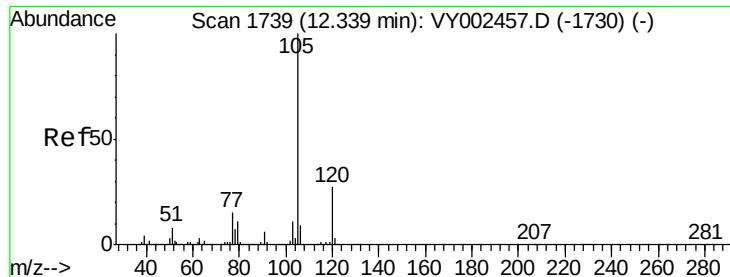


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.015 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

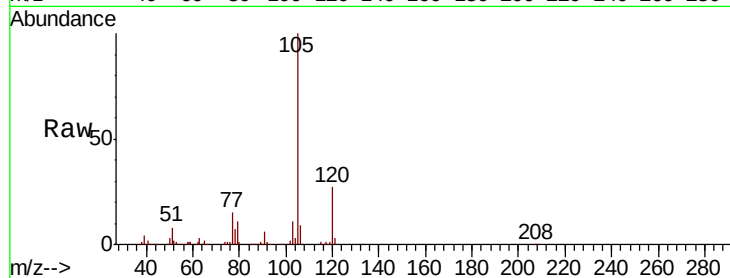
ClientSampled :

Tot Ion:105 Resp: 274037

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

200000

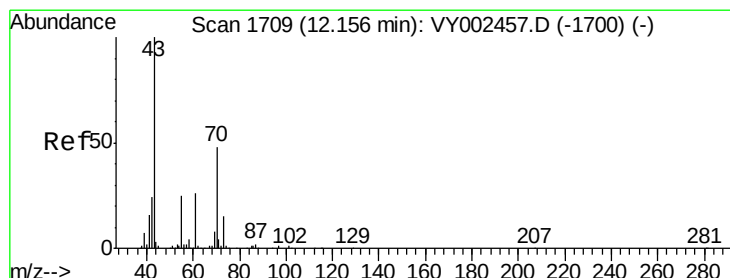
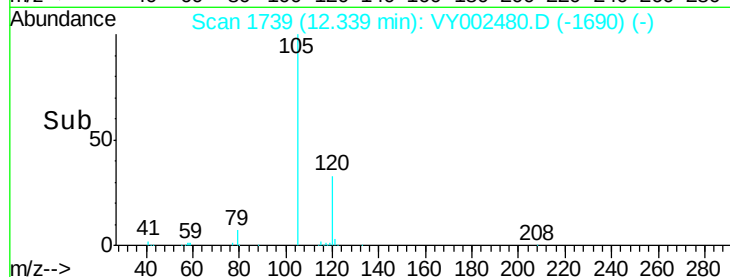
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.339 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Tgt Ion: 43 Resp: 69458

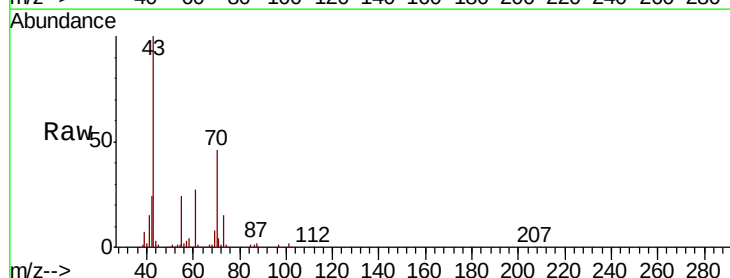
Ion Ratio Lower Upper

43 100

70 47.3 37.2 55.8

55 24.3 19.6 29.4

61 25.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

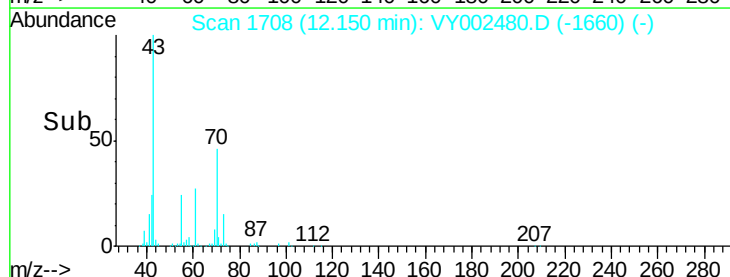
60000

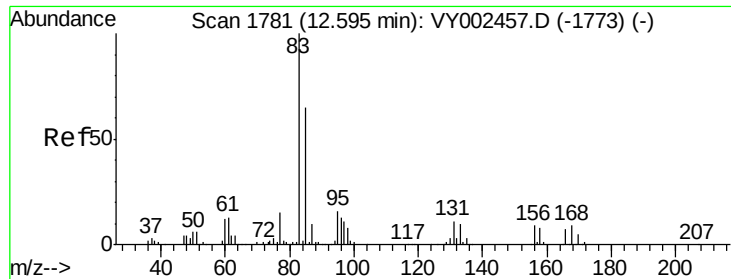
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.226 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

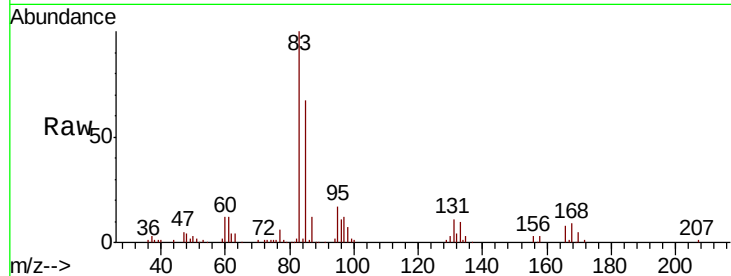
Tot Ion: 83 Resp: 44768

Ion Ratio Lower Upper

83 100

131 12.5 6.2 18.6

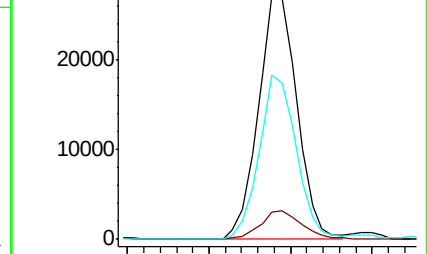
85 65.0 32.5 97.5



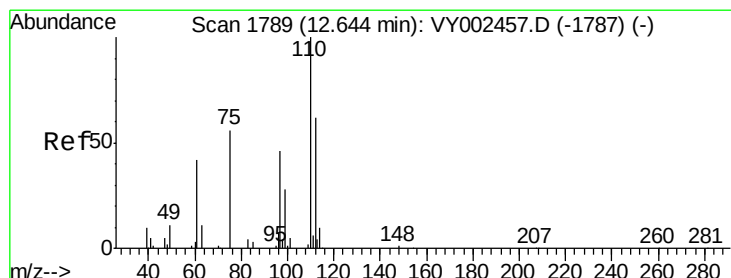
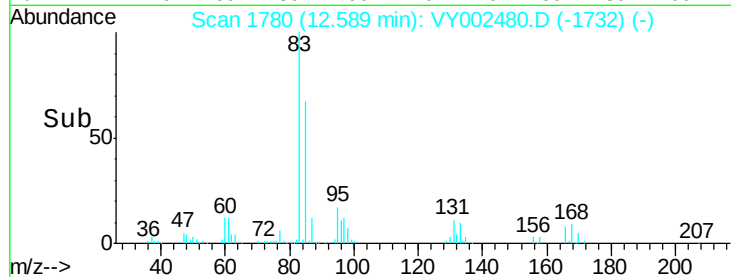
Abundance Ion 82.90 (82.60 to 83.60): VY002480.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY002480.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY002480.D (-1732) (-)



Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 38.502 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002480.D

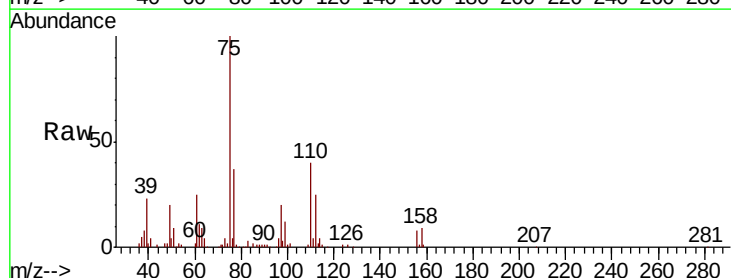
Acq: 24 Apr 2020 14:24

Tgt Ion: 75 Resp: 70345

Ion Ratio Lower Upper

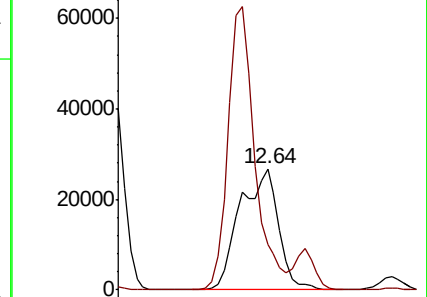
75 100

77 0.0 0.0 0.0

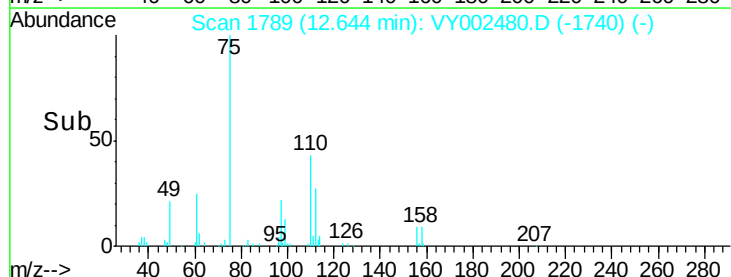


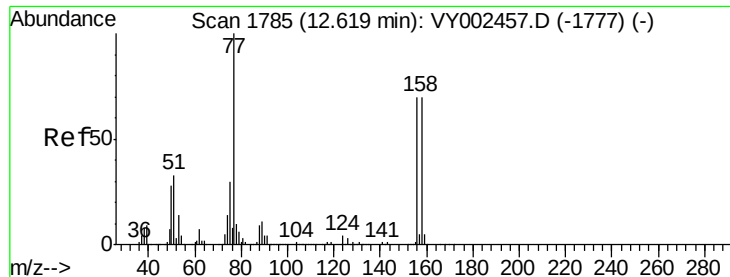
Abundance Ion 74.90 (74.60 to 75.60): VY002480.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY002480.D (-1740) (-)



Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 19.995 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

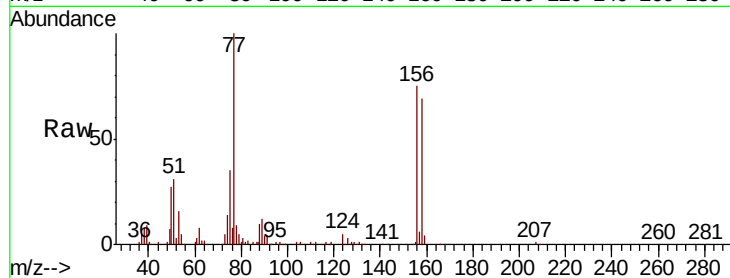
Tot Ion:156 Resp: 72272

Ion Ratio Lower Upper

156 100

77 157.4 78.5 235.7

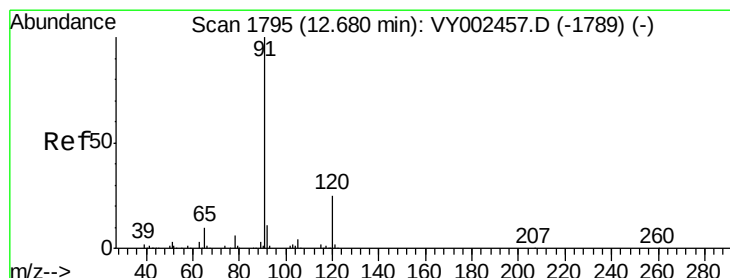
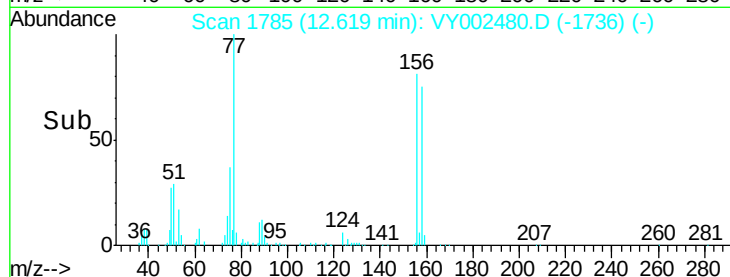
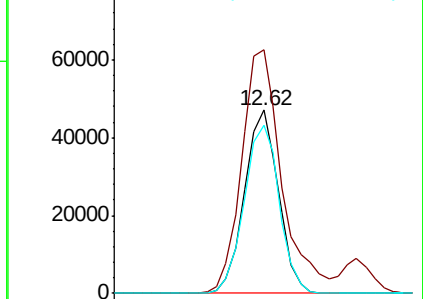
158 95.2 48.4 145.3



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: 19.344 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002480.D

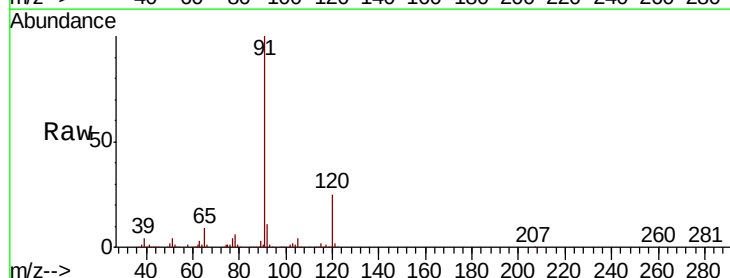
Acq: 24 Apr 2020 14:24

Tgt Ion: 91 Resp: 323690

Ion Ratio Lower Upper

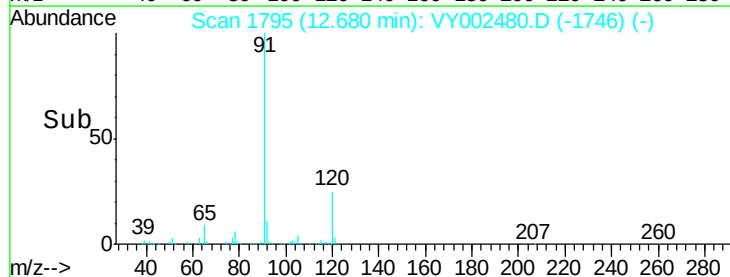
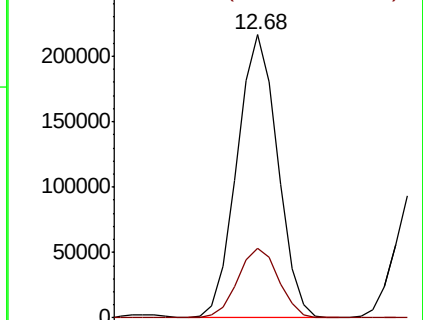
91 100

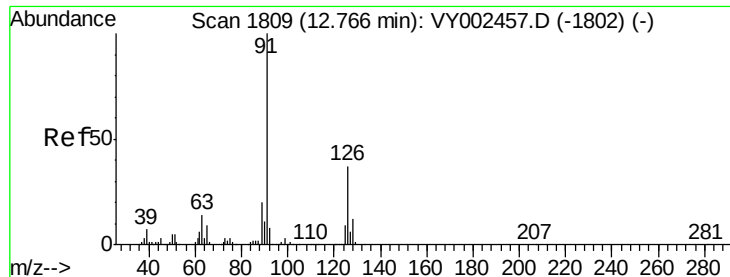
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.462 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

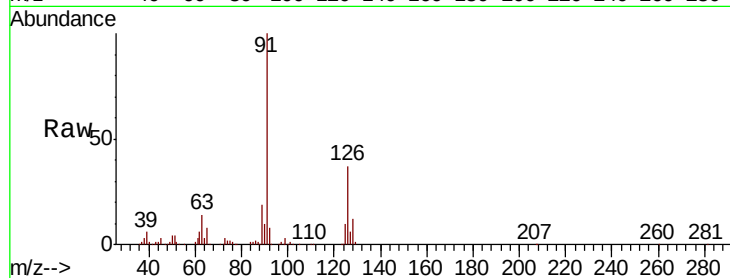
ClientSampleId :

Tot Ion: 91 Resp: 178199

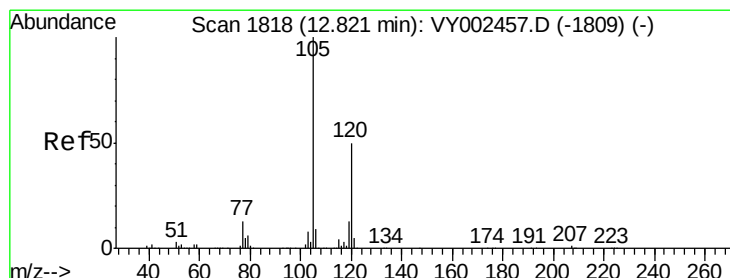
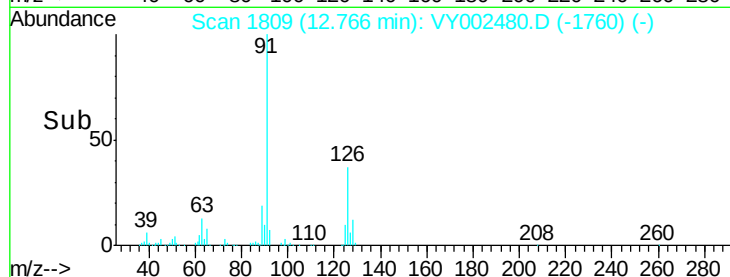
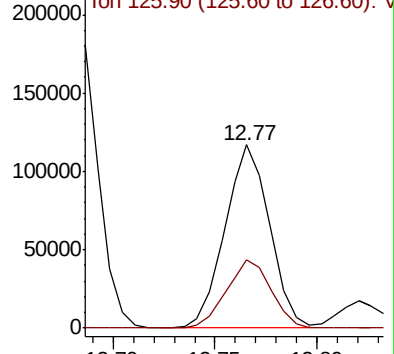
Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002480.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.461 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002480.D

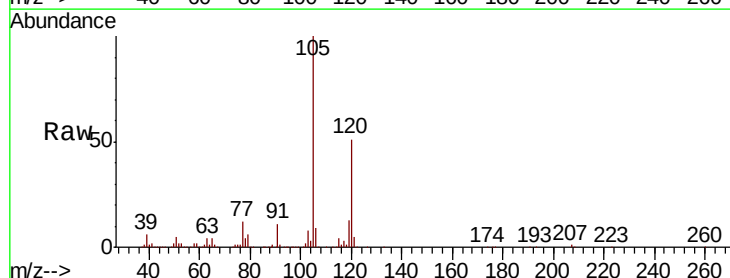
Acq: 24 Apr 2020 14:24

Tgt Ion:105 Resp: 238036

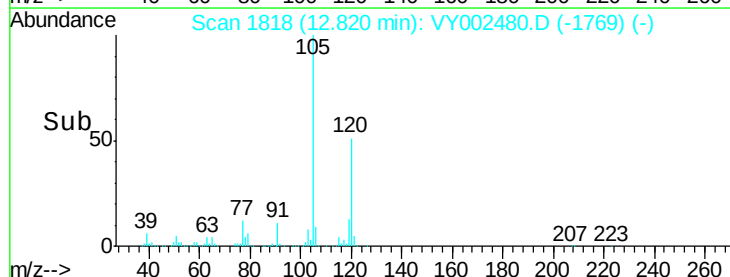
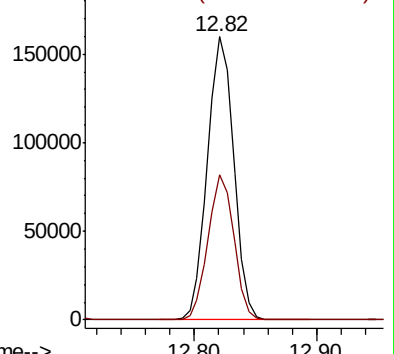
Ion Ratio Lower Upper

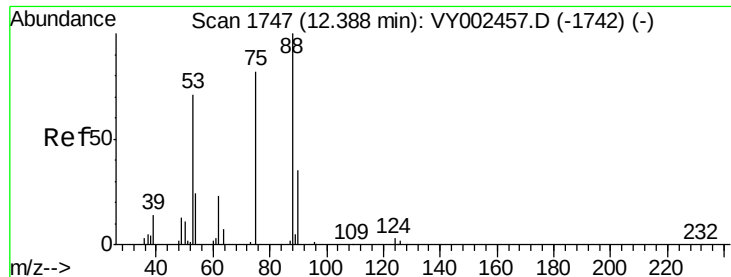
105 100

120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002480.D (-1769) (-)

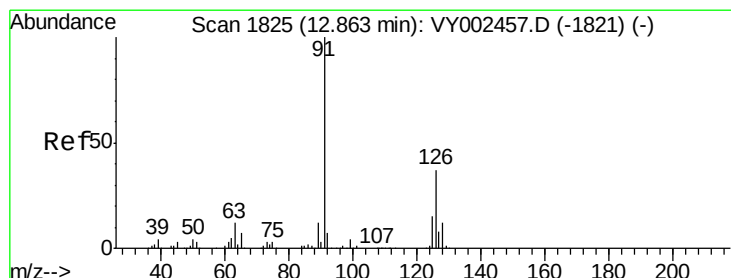
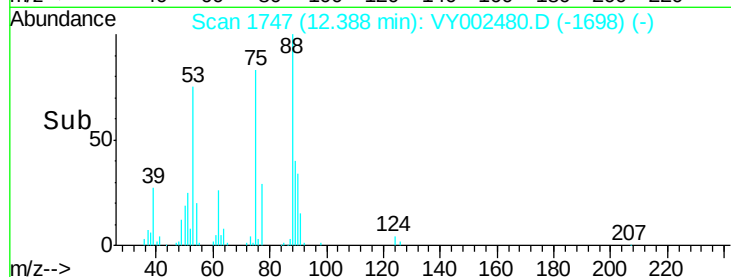
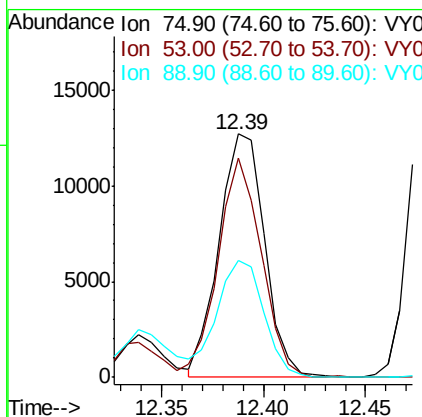
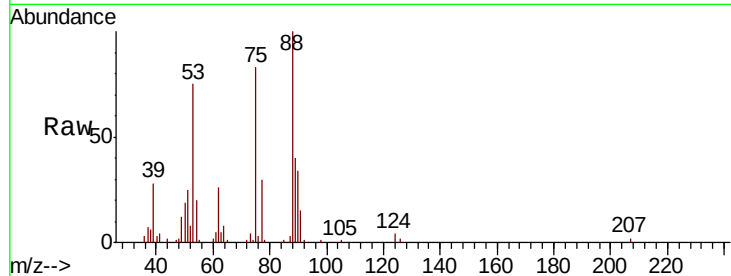




#81
trans-1,4-Dichloro-2-butene
Concen: 19.948 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

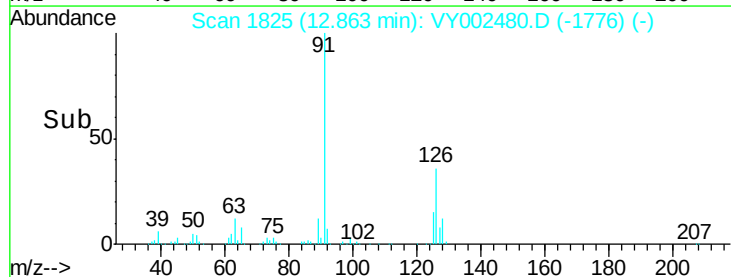
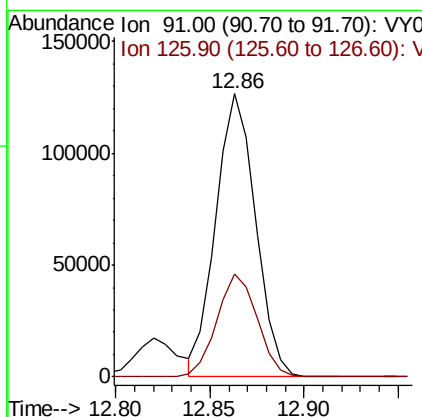
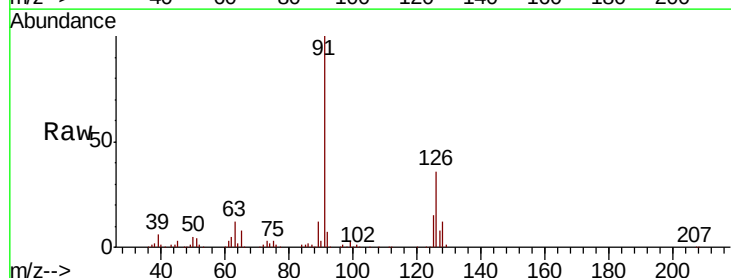
Instrument :
MSVOA_Y
ClientSampleId :

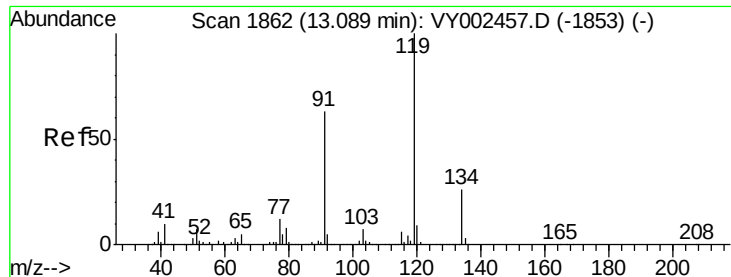
Tot Ion: 75 Resp: 19696
Ion Ratio Lower Upper
75 100
53 85.8 70.0 105.0
89 49.4 34.9 52.3



#82
4-Chlorotoluene
Concen: 19.638 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 91 Resp: 185842
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

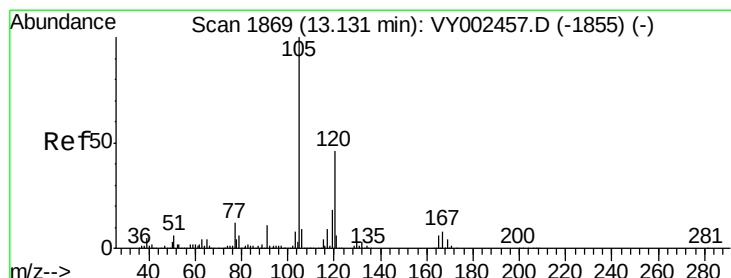
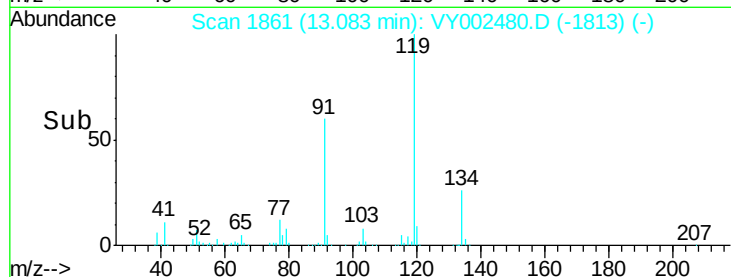
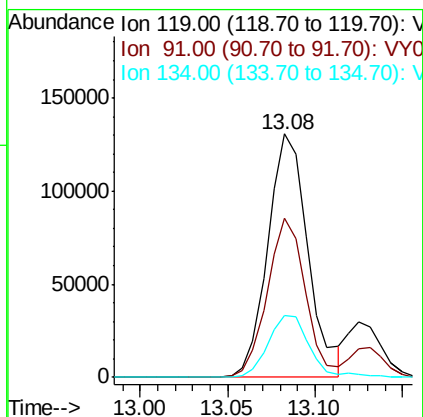
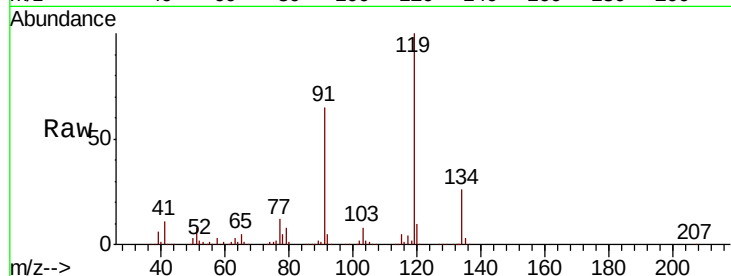




#83
tert-Butylbenzene
Concen: 19.691 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

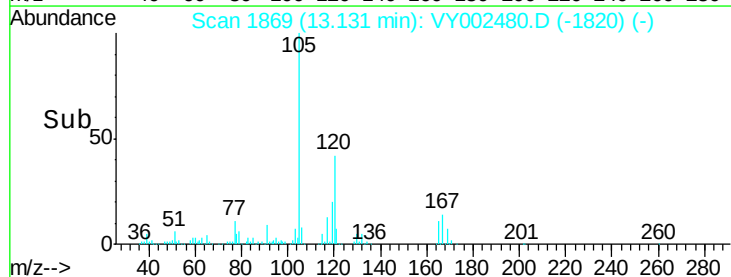
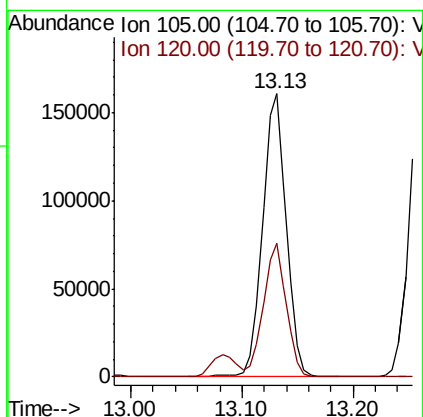
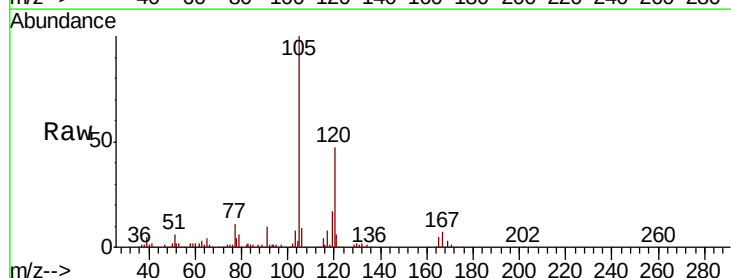
Instrument :
MSVOA_Y
ClientSampleId :

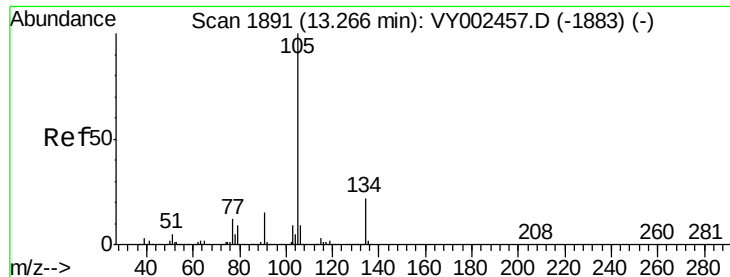
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.8	92.3
134	26.4	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.303 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.682 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

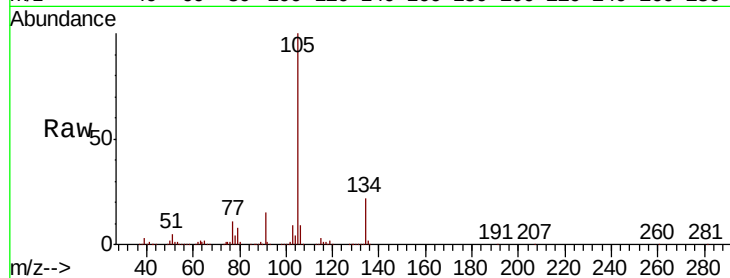
ClientSampleId :

Tot Ion:105 Resp: 279937

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

13.27

200000

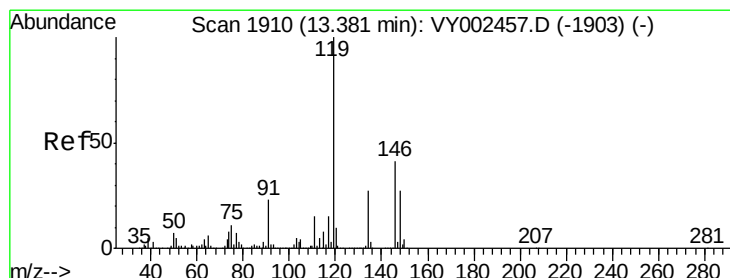
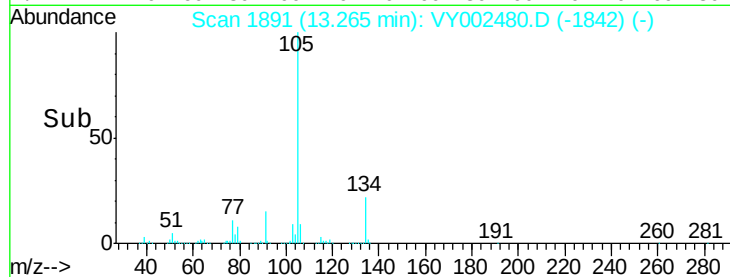
150000

100000

50000

0

Time--> 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 19.513 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

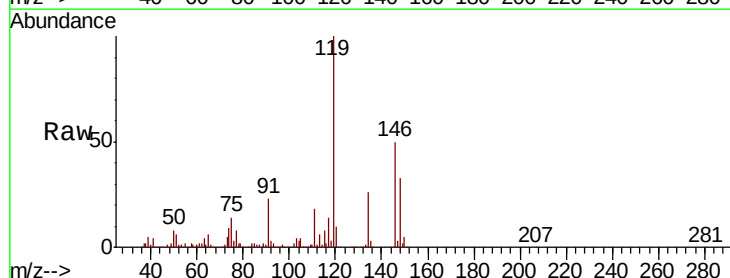
Tgt Ion:119 Resp: 264660

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.9 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

250000

200000

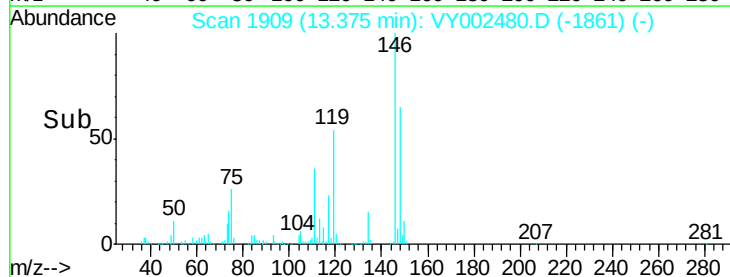
150000

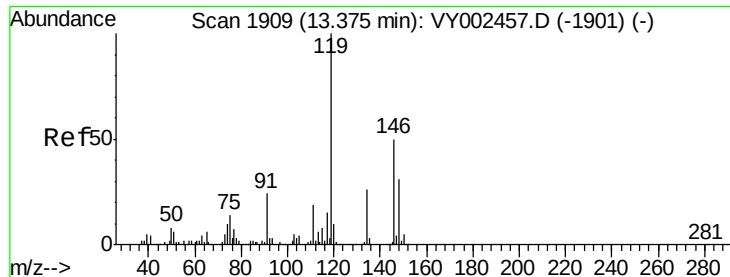
100000

50000

0

Time--> 13.30 13.35 13.40 13.45

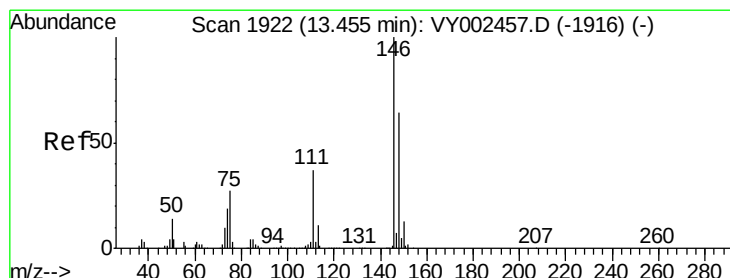
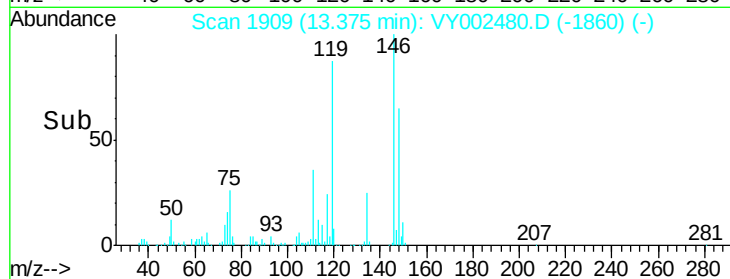
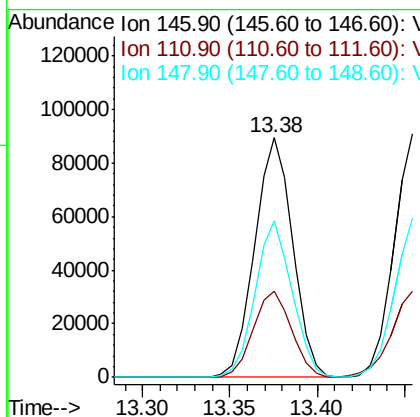
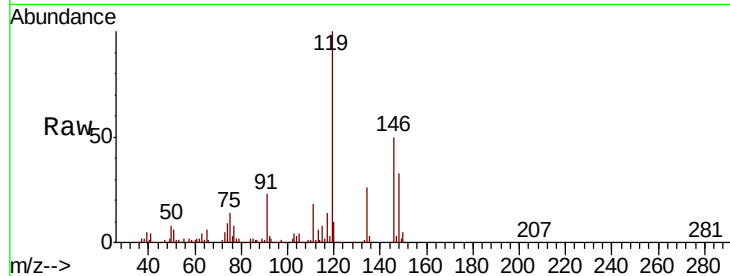




#87
 1,3-Dichlorobenzene
 Concen: 20.162 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

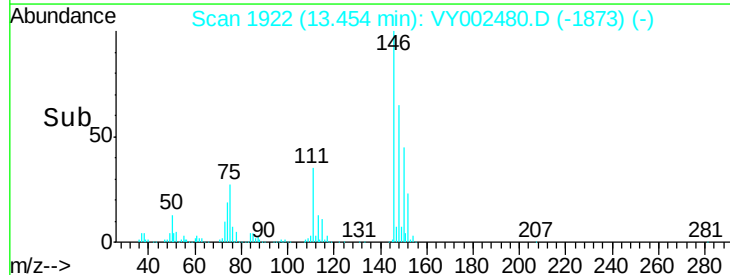
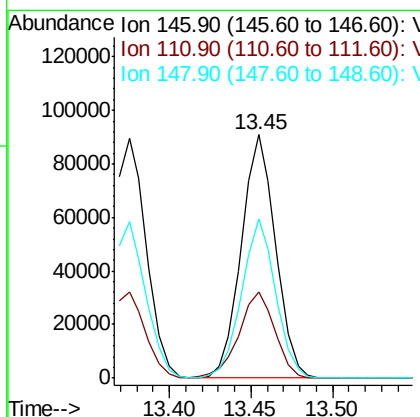
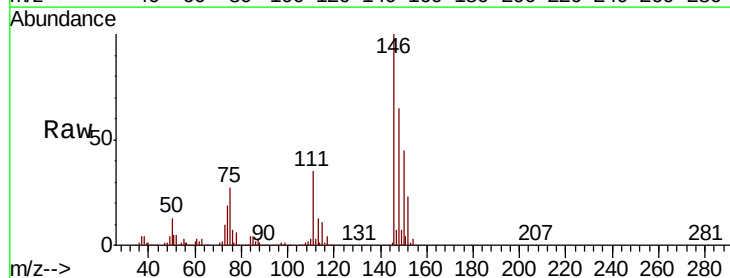
Instrument :
 MSVOA_Y
 ClientSampleId :

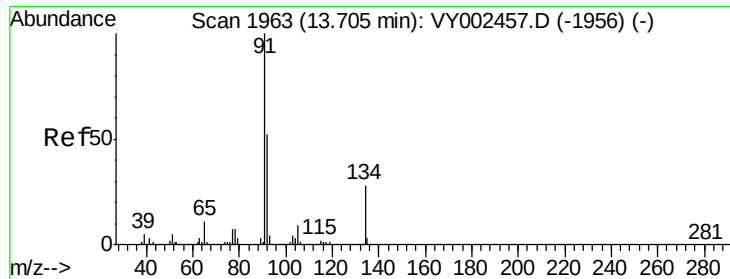
Tot Ion:146 Resp: 134789
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.8 56.3
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.037 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Tgt Ion:146 Resp: 133198
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 64.7 32.1 96.5

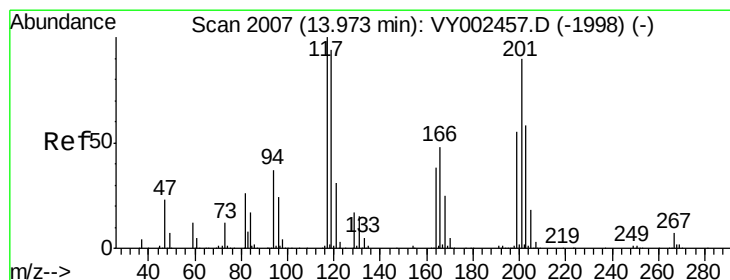
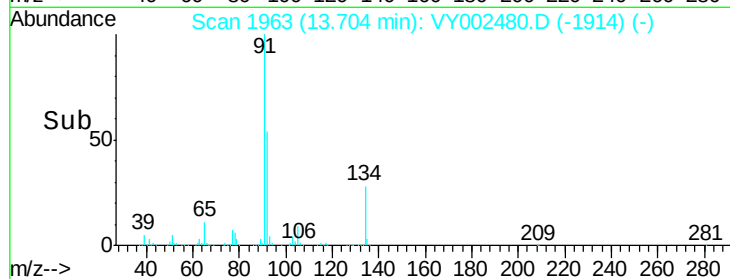
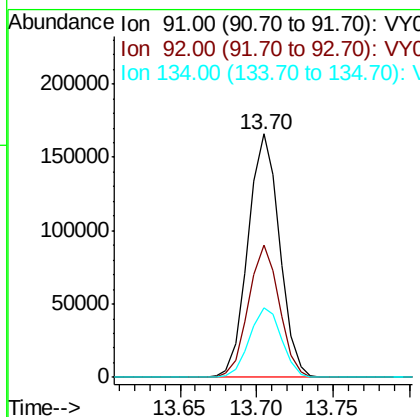
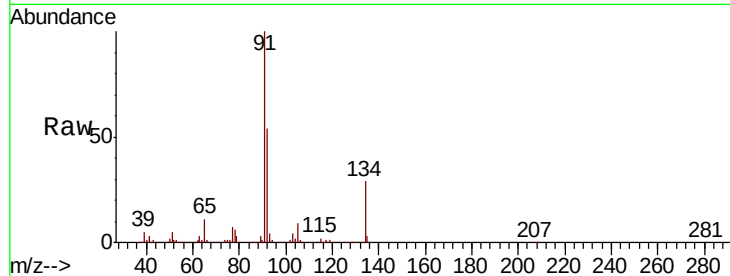




#89
n-Butylbenzene
Concen: 19.084 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

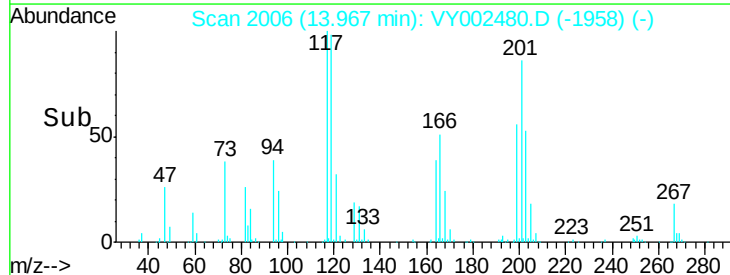
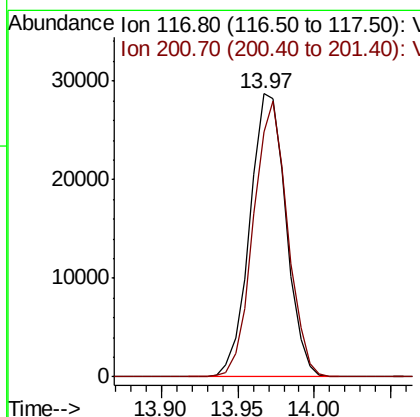
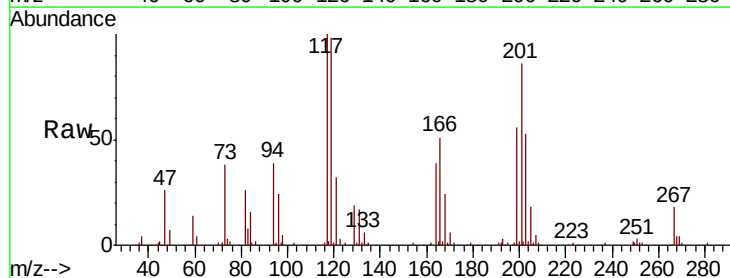
Instrument :
MSVOA_Y
ClientSampleId :

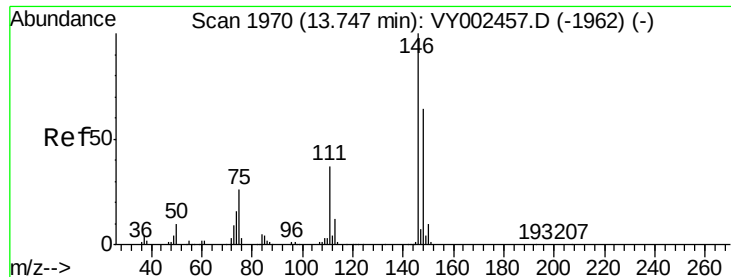
Tot Ion: 91 Resp: 238793
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 19.259 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion: 117 Resp: 47216
Ion Ratio Lower Upper
117 100
201 91.9 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 21.082 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

Instrument :

MSVOA_Y

ClientSampled :

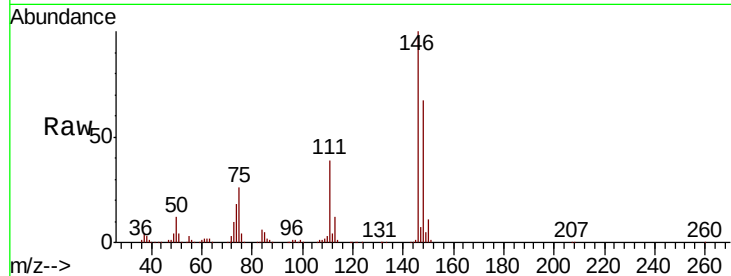
Tot Ion:146 Resp: 121372

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

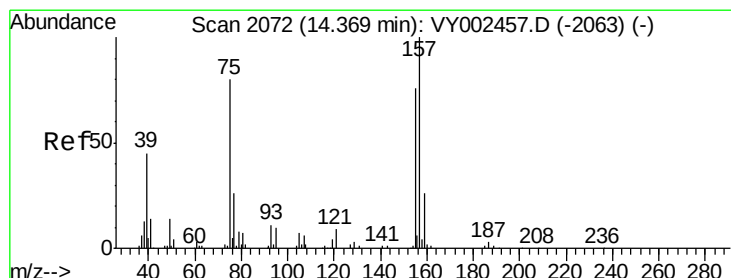
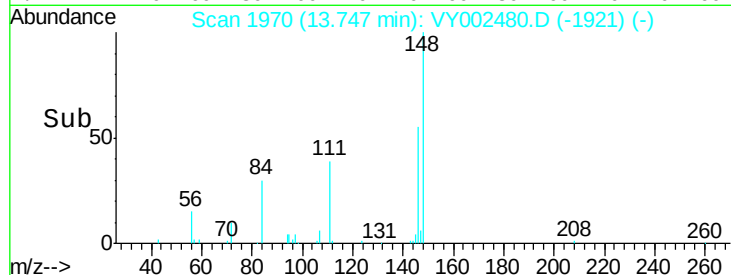
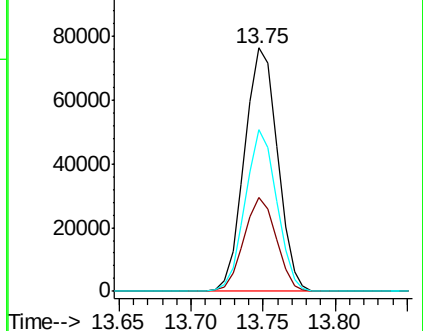
148 63.6 31.6 94.7



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: 21.039 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VY002480.D

Acq: 24 Apr 2020 14:24

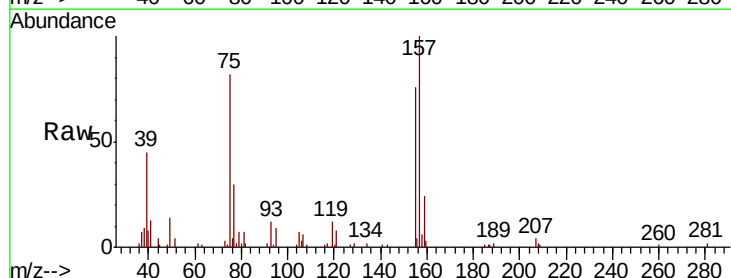
Tgt Ion: 75 Resp: 9245

Ion Ratio Lower Upper

75 100

155 95.7 49.6 149.0

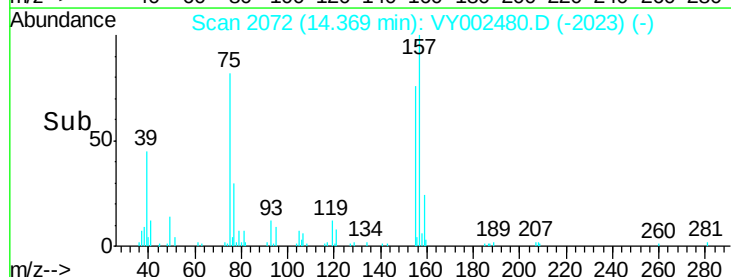
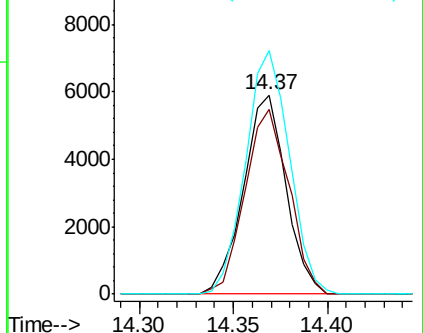
157 126.0 62.6 187.9

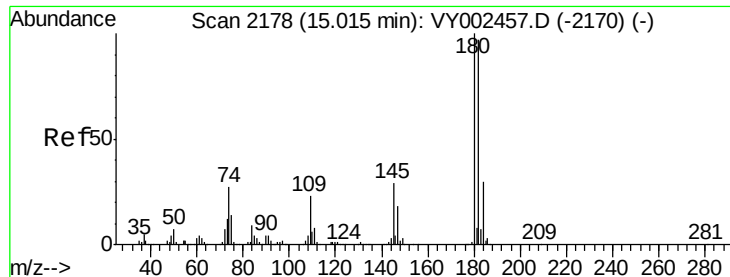


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

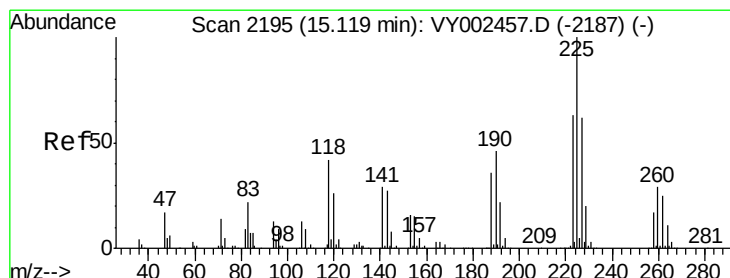
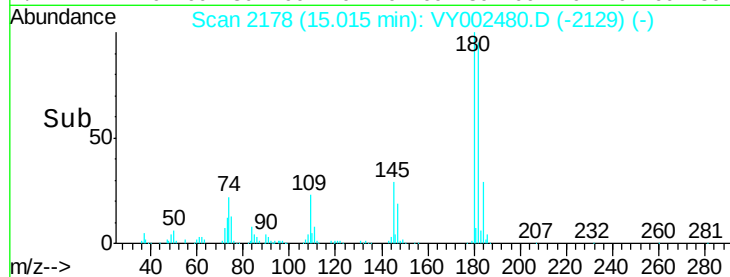
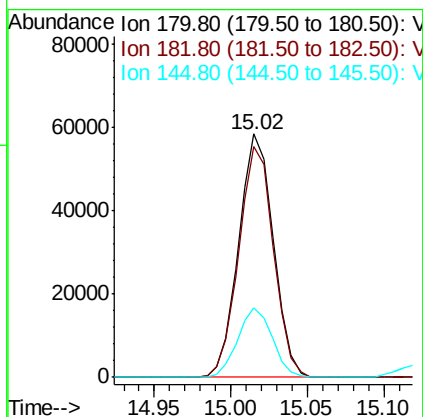
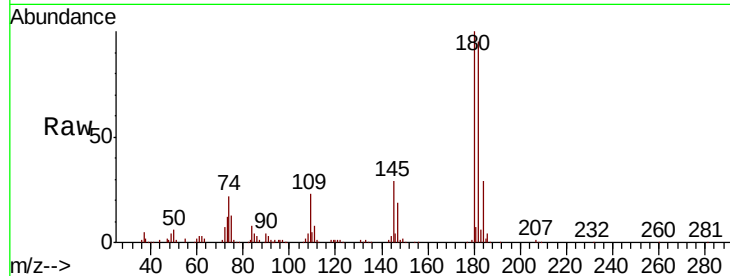




#93
 1,2,4-Trichlorobenzene
 Concen: 20.190 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

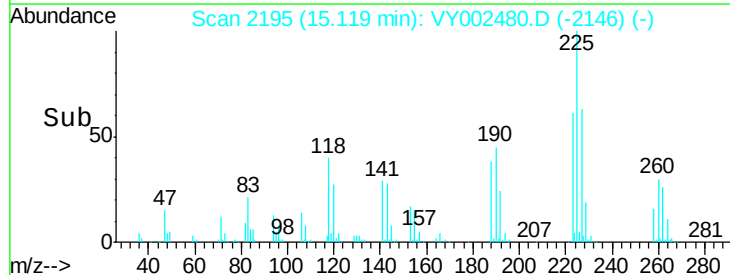
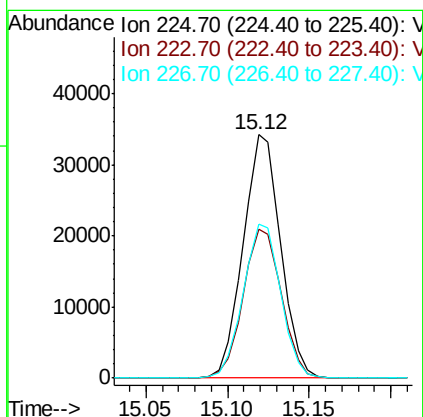
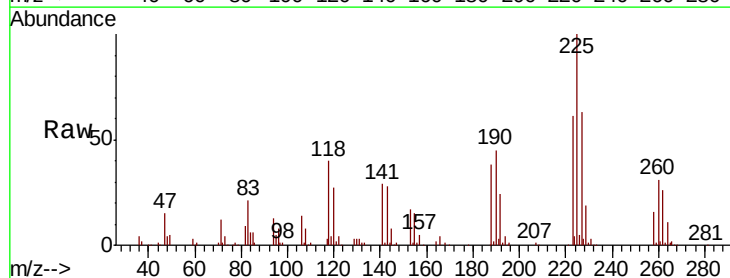
Instrument :
 MSVOA_Y
 ClientSampleId :

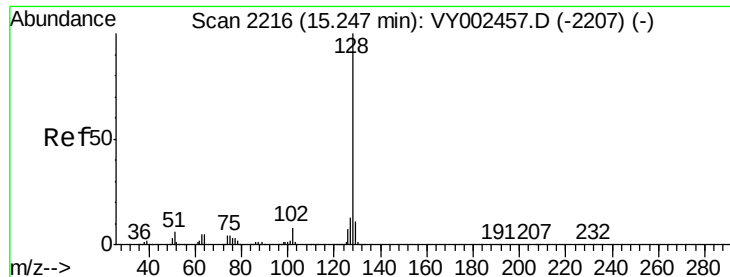
Tot Ion:180 Resp: 91740
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.7
 145 28.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 19.979 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002480.D
 Acq: 24 Apr 2020 14:24

Tgt Ion:225 Resp: 54786
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.3
 227 63.3 31.5 94.5

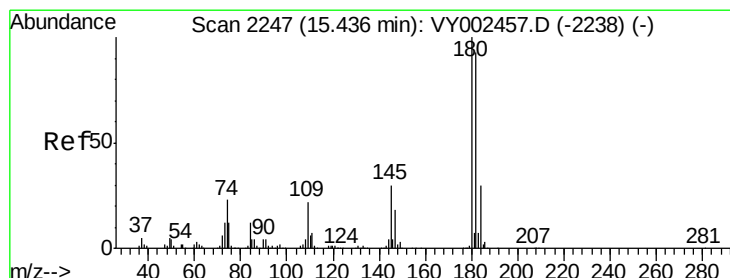
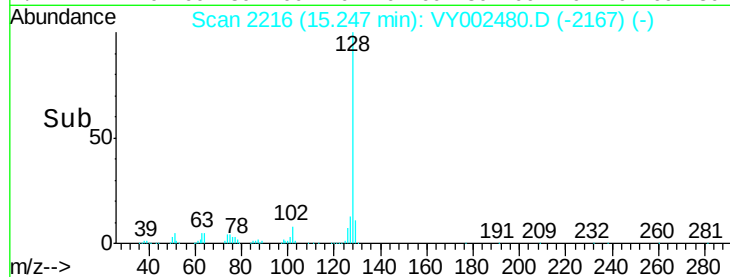
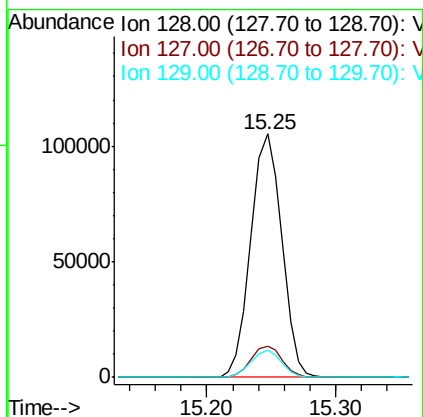
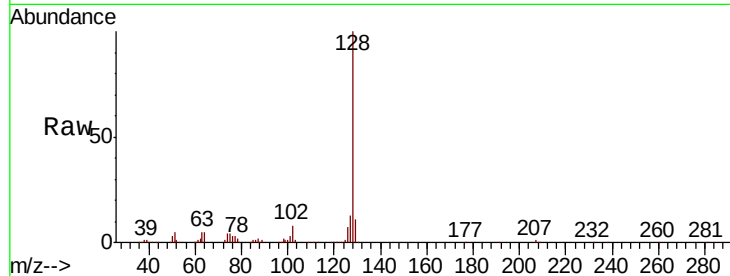




#95
Naphthalene
Concen: 20.797 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.318 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002480.D
Acq: 24 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	31.3	15.3	45.9

