

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003566.D
 Acq On : 20 Nov 2020 14:42
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	105184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	158614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	141929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	70077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	55629	50.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.88%
35) Dibromofluoromethane	7.72	113	51482	49.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.76%
50) Toluene-d8	10.18	98	183434	45.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.48%
62) 4-Bromofluorobenzene	12.48	95	62651	48.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.38%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	6335	20.436	ug/l 86
3) Chloromethane	2.11	50	15901	21.792	ug/l 97
4) Vinyl Chloride	2.26	62	20933	22.176	ug/l 99
5) Bromomethane	2.66	94	17097	21.653	ug/l 99
6) Chloroethane	2.80	64	14491	21.890	ug/l 96
7) Trichlorofluoromethane	3.13	101	20855	25.045	ug/l 98
8) Diethyl Ether	3.53	74	12091	20.019	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	19905	20.825	ug/l 98
10) Methyl Iodide	4.09	142	34976	21.550	ug/l 99
11) Tert butyl alcohol	5.00	59	12300	149.008	ug/l # 100
12) 1,1-Dichloroethene	3.87	96	21694	20.947	ug/l 90
13) Acrolein	3.74	56	13408	128.668	ug/l 98
14) Allyl chloride	4.49	41	36357	20.941	ug/l 99
15) Acrylonitrile	5.18	53	32461	114.234	ug/l 99
16) Acetone	3.97	43	36009	98.746	ug/l # 87
17) Carbon Disulfide	4.19	76	61966	20.785	ug/l 99
18) Methyl Acetate	4.49	43	17610	22.198	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	36257	23.587	ug/l 100
20) Methylene Chloride	4.72	84	30933	23.874	ug/l 94
21) trans-1,2-Dichloroethene	5.22	96	24310	20.994	ug/l 95
22) Diisopropyl ether	6.12	45	58517	19.664	ug/l 97
23) Vinyl Acetate	6.07	43	255141	110.302	ug/l 99
24) 1,1-Dichloroethane	6.03	63	41011	20.705	ug/l 98
25) 2-Butanone	7.00	43	49745	105.129	ug/l 98
26) 2,2-Dichloropropane	6.99	77	27918	21.554	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	26556	21.154	ug/l 99
28) Bromochloromethane	7.34	49	20706	21.355	ug/l 98
29) Tetrahydrofuran	7.35	42	28738	115.932	ug/l 98
30) Chloroform	7.51	83	41186	20.837	ug/l 98
31) Cyclohexane	7.78	56	30171	19.109	ug/l 95
32) 1,1,1-Trichloroethane	7.71	97	29990	19.635	ug/l 99
36) 1,1-Dichloropropene	7.92	75	31492	20.167	ug/l 98
37) Ethyl Acetate	7.08	43	21960	23.337	ug/l 99
38) Carbon Tetrachloride	7.90	117	27200	18.803	ug/l 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003566.D
 Acq On : 20 Nov 2020 14:42
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.18	83	29792	18.773	ug/l	96
40) Benzene	8.16	78	94585	20.433	ug/l	96
41) Methacrylonitrile	7.32	41	10552	18.967	ug/l #	88
42) 1,2-Dichloroethane	8.24	62	28270	21.468	ug/l	100
43) Isopropyl Acetate	8.28	43	34411	19.915	ug/l #	90
44) Trichloroethene	8.94	130	25675	20.355	ug/l	94
45) 1,2-Dichloropropane	9.22	63	23934	20.858	ug/l	95
46) Dibromomethane	9.30	93	13538	20.717	ug/l	99
47) Bromodichloromethane	9.50	83	32273	20.793	ug/l	96
48) Methyl methacrylate	9.29	41	18479	22.342	ug/l	95
49) 1,4-Dioxane	9.31	88	3426	457.578	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	77356	93.412	ug/l	97
52) Toluene	10.24	92	56571	19.960	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	34390	21.170	ug/l	94
54) cis-1,3-Dichloropropene	9.92	75	38044	20.576	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	19377	20.906	ug/l	95
56) Ethyl methacrylate	10.51	69	21825	19.377	ug/l	96
57) 1,3-Dichloropropane	10.79	76	33411	21.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	65915	114.034	ug/l	99
59) 2-Hexanone	10.83	43	70862	103.803	ug/l	99
60) Dibromochloromethane	10.99	129	22900	20.434	ug/l	98
61) 1,2-Dibromoethane	11.09	107	19547	21.885	ug/l	97
64) Tetrachloroethene	10.72	164	20713	19.538	ug/l	96
65) Chlorobenzene	11.52	112	62576	20.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	17910	20.326	ug/l	98
67) Ethyl Benzene	11.59	91	97231	19.324	ug/l	99
68) m/p-Xylenes	11.70	106	75625	39.251	ug/l	98
69) o-Xylene	12.03	106	30809	19.990	ug/l	97
70) Styrene	12.04	104	61701	19.864	ug/l	98
71) Bromoform	12.20	173	15099	21.220	ug/l #	99
73) Isopropylbenzene	12.33	105	66766	19.127	ug/l	99
74) N-amyl acetate	12.14	43	27852	20.148	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	20773	21.386	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	29414	43.295	ug/l #	100
77) Bromobenzene	12.61	156	26193	20.395	ug/l	99
78) n-propylbenzene	12.67	91	94218	19.213	ug/l	99
79) 2-Chlorotoluene	12.75	91	56506	19.962	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	55128	21.013	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	9288	21.733	ug/l	99
82) 4-Chlorotoluene	12.85	91	70581	20.351	ug/l	99
83) tert-Butylbenzene	13.07	119	53814	20.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	58100	20.799	ug/l	98
85) sec-Butylbenzene	13.25	105	63410	21.095	ug/l	100
86) p-Isopropyltoluene	13.37	119	58940	21.853	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	47584	20.354	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	48671	20.316	ug/l	96
89) n-Butylbenzene	13.69	91	56554	19.596	ug/l	99
90) Hexachloroethane	13.95	117	15005	21.040	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	37408	20.047	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2912	23.017	ug/l	96

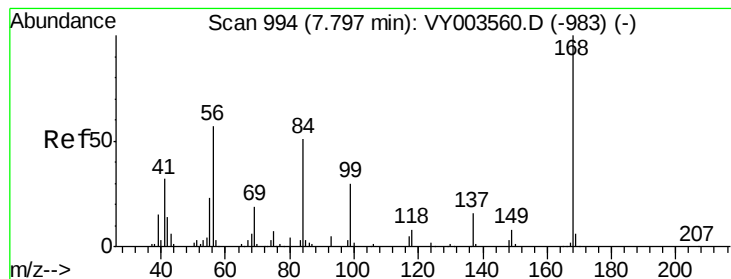
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003566.D
Acq On : 20 Nov 2020 14:42
Operator : SY/MD
Sample : VY1120SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Nov 21 01:50:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	21147	20.207	ug/l	98
94) Hexachlorobutadiene	15.11	225	14337	22.888	ug/l	98
95) Naphthalene	15.23	128	38958	21.816	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	16438	21.368	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

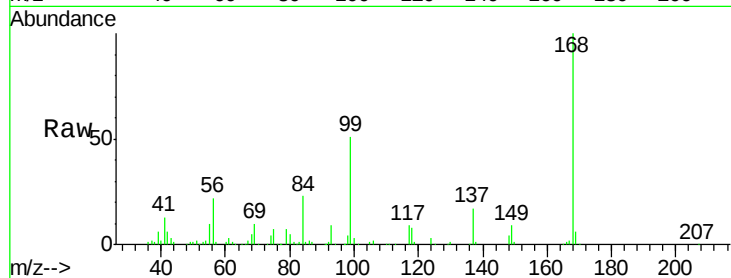
ClientSampleId :

Tot Ion:168 Resp: 105184

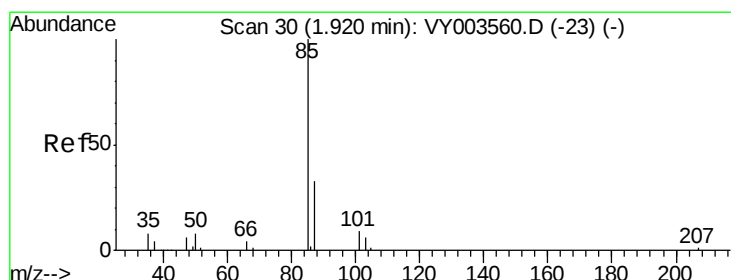
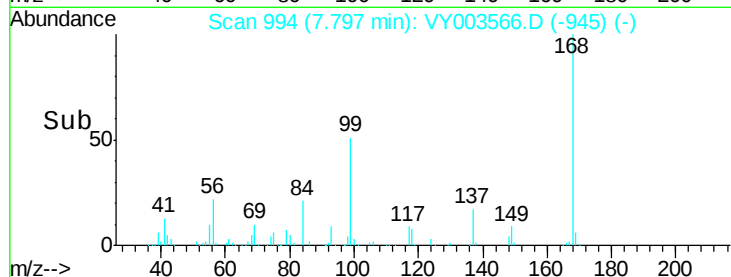
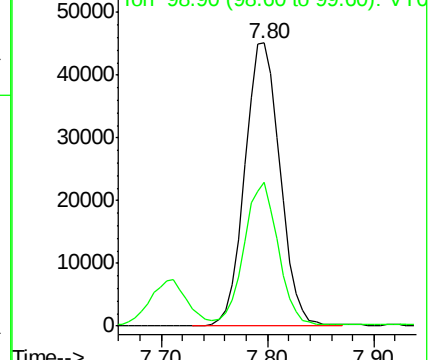
Ion Ratio Lower Upper

168 100

99 50.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003566.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 20.436 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY003566.D

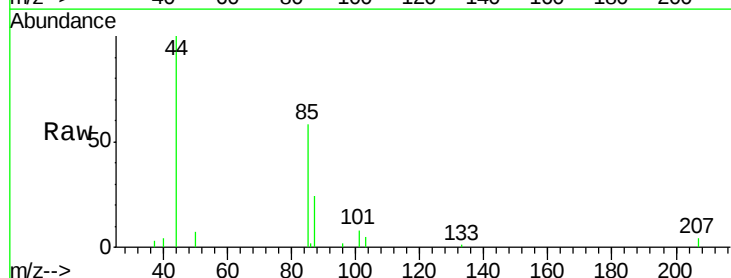
Acq: 20 Nov 2020 14:42

Tgt Ion: 85 Resp: 6335

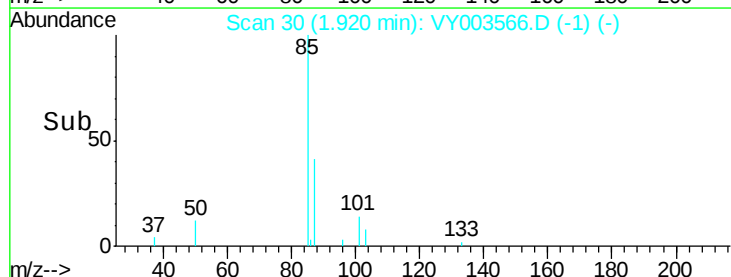
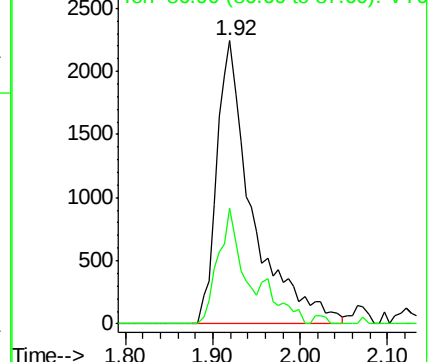
Ion Ratio Lower Upper

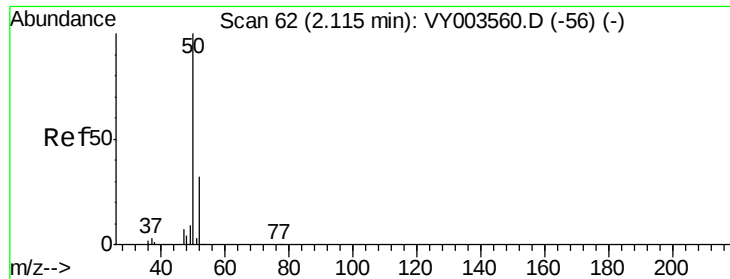
85 100

87 40.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003566.D (-1) (-)





#3

Chloromethane

Concen: 21.792 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

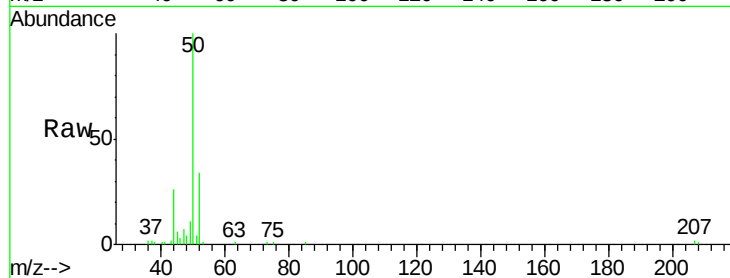
ClientSampleId :

Tot Ion: 50 Resp: 15901

Ion Ratio Lower Upper

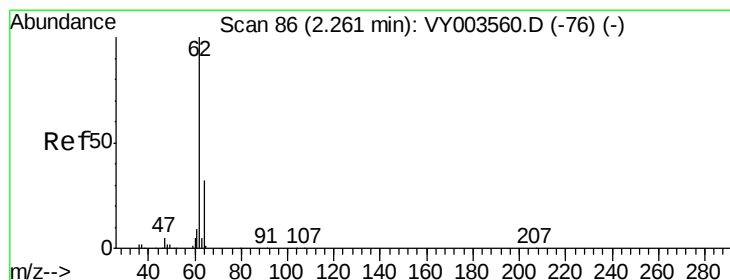
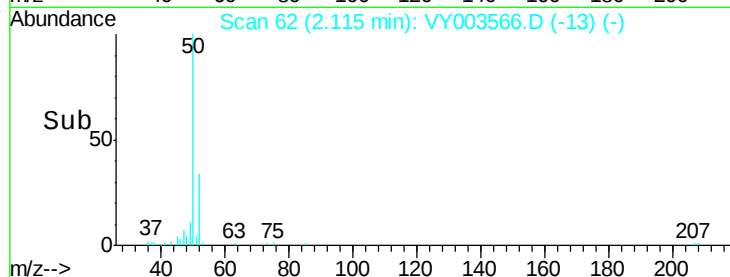
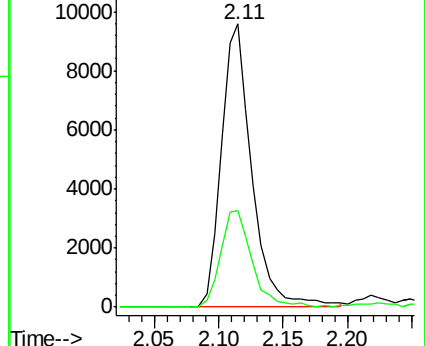
50 100

52 34.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.176 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003566.D

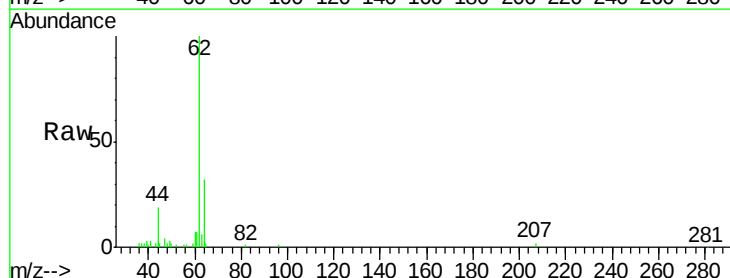
Acq: 20 Nov 2020 14:42

Tgt Ion: 62 Resp: 20933

Ion Ratio Lower Upper

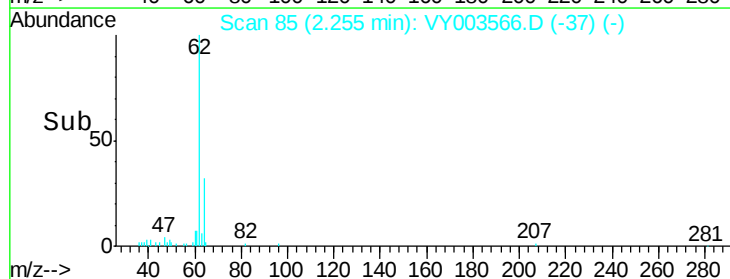
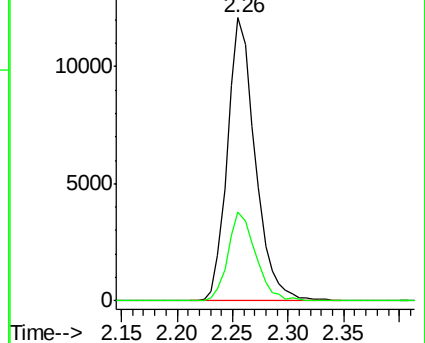
62 100

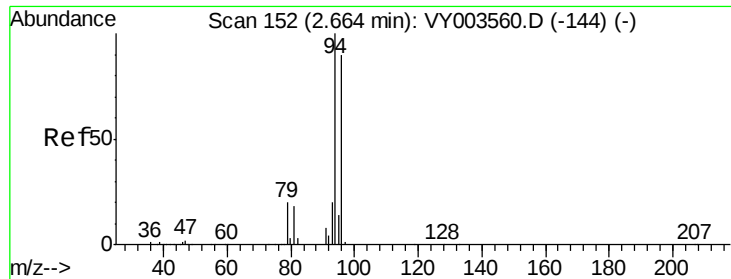
64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.653 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

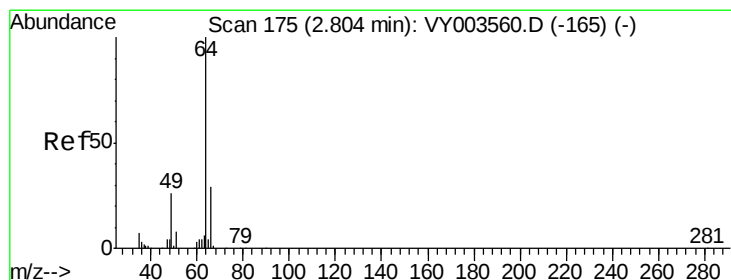
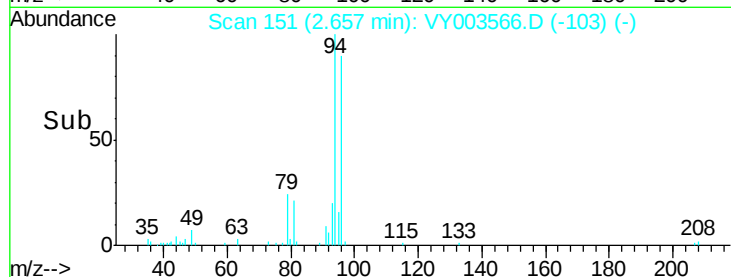
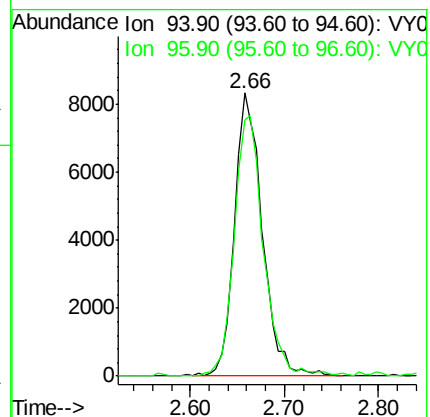
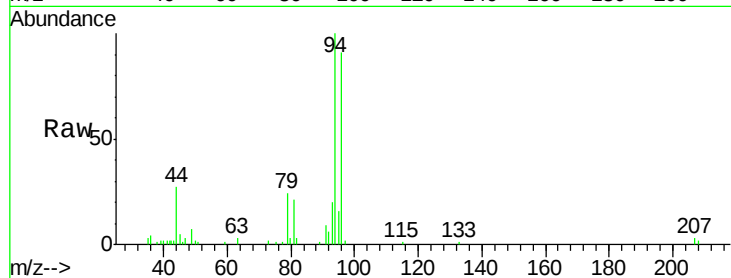
ClientSampleId :

Tot Ion: 94 Resp: 17097

Ion Ratio Lower Upper

94 100

96 90.8 71.9 107.9



#6

Chloroethane

Concen: 21.890 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003566.D

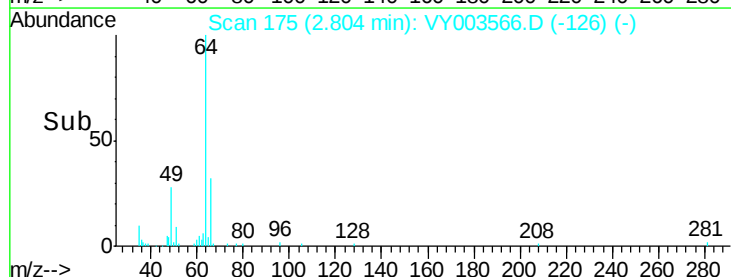
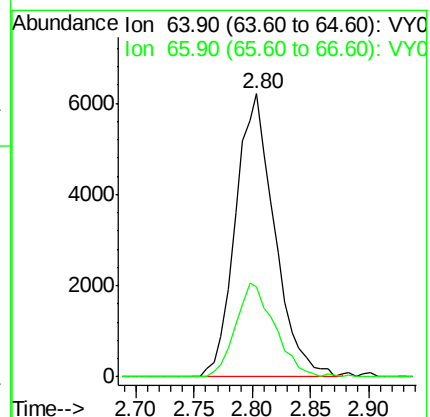
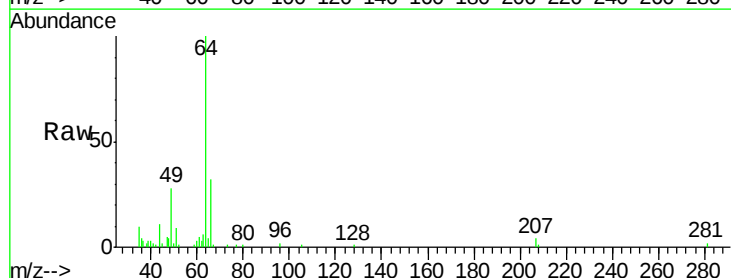
Acq: 20 Nov 2020 14:42

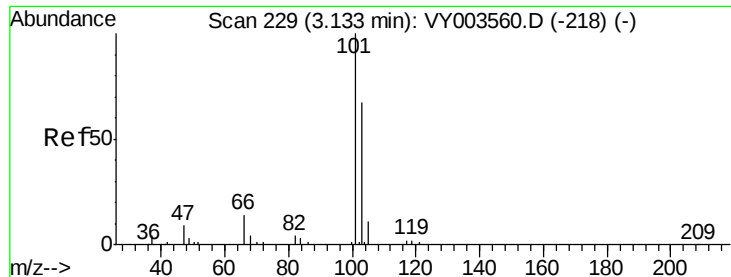
Tgt Ion: 64 Resp: 14491

Ion Ratio Lower Upper

64 100

66 31.8 23.6 35.4



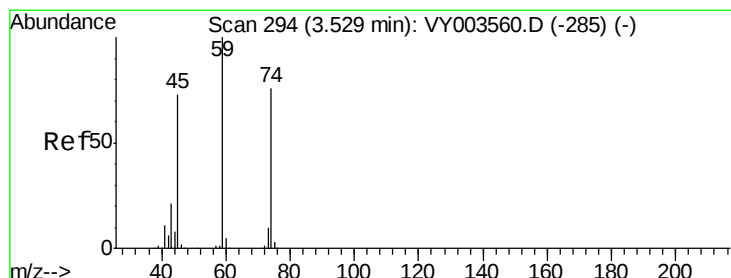
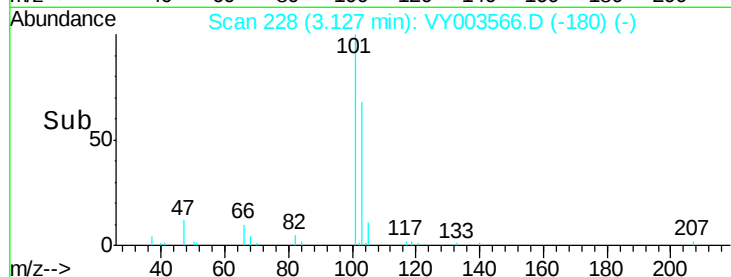
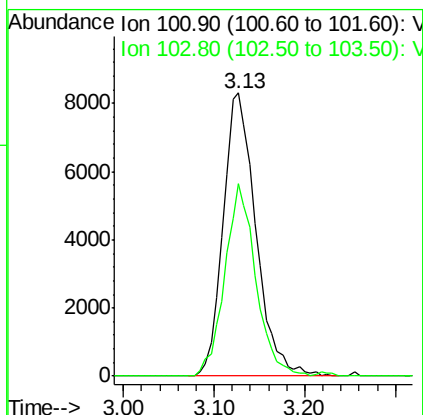
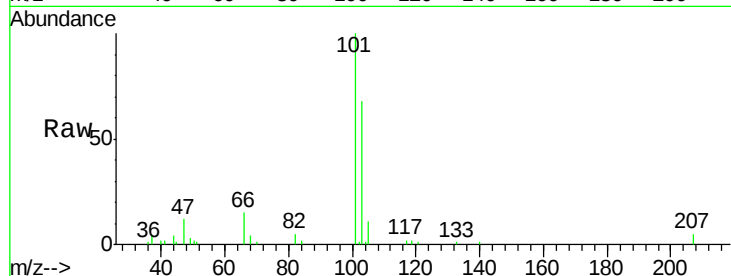


#7

Trichlorofluoromethane
Concen: 25.045 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

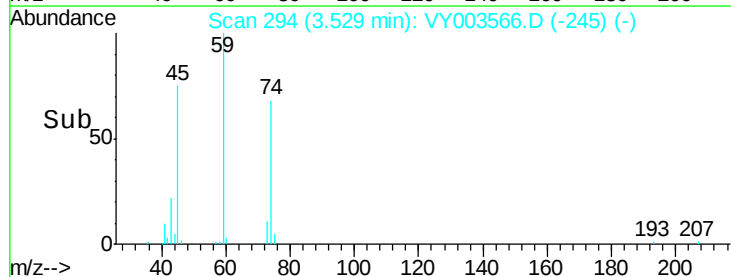
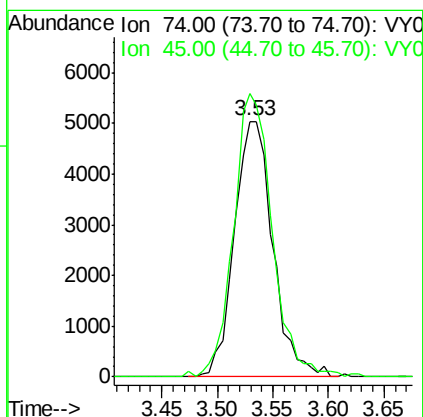
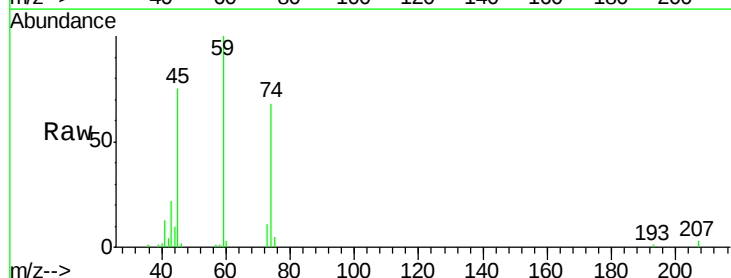
Tot Ion:101 Resp: 20855
Ion Ratio Lower Upper
101 100
103 67.9 53.3 79.9

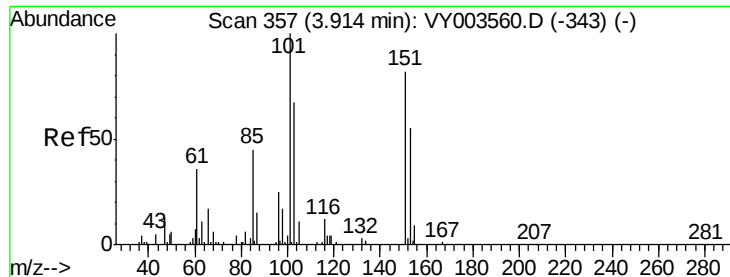


#8

Diethyl Ether
Concen: 20.019 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 74 Resp: 12091
Ion Ratio Lower Upper
74 100
45 111.6 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.825 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

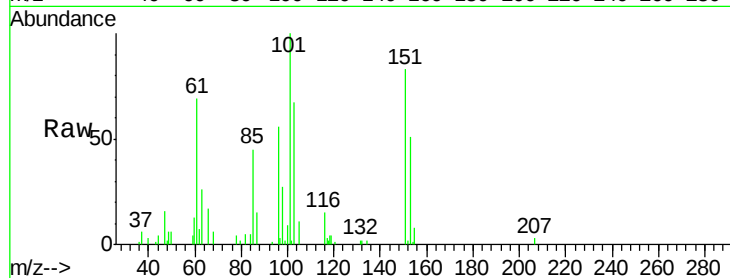
Tot Ion:101 Resp: 19905

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

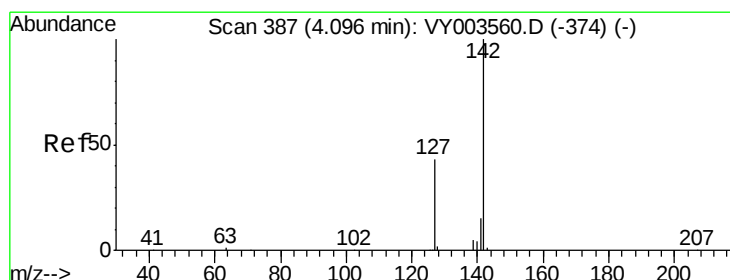
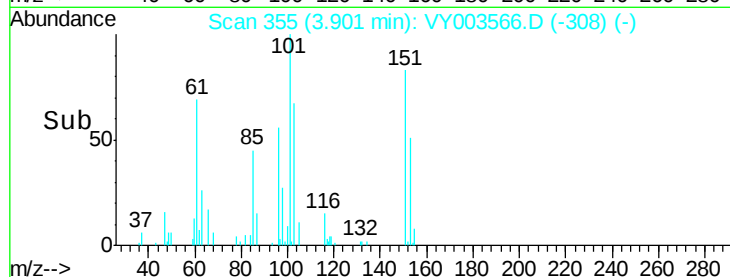
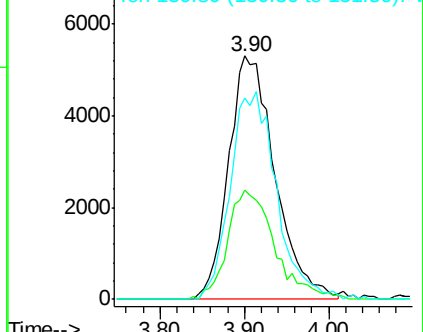
151 84.5 65.4 98.0



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: 21.550 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

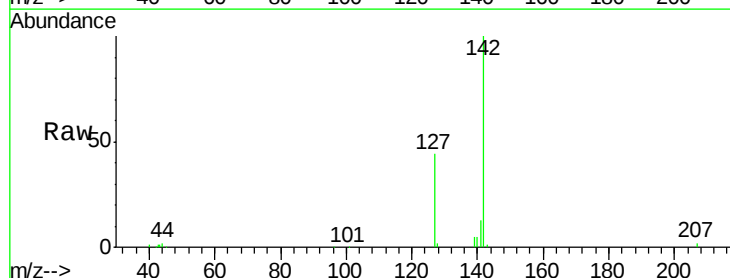
Tgt Ion:142 Resp: 34976

Ion Ratio Lower Upper

142 100

127 41.9 34.2 51.2

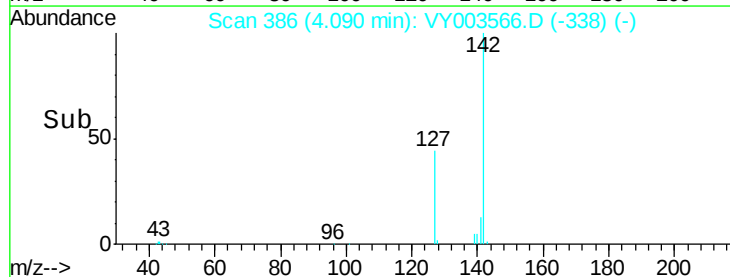
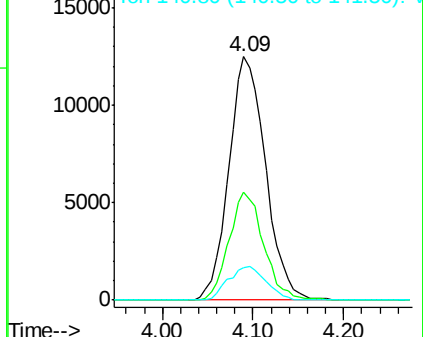
141 14.4 11.5 17.3

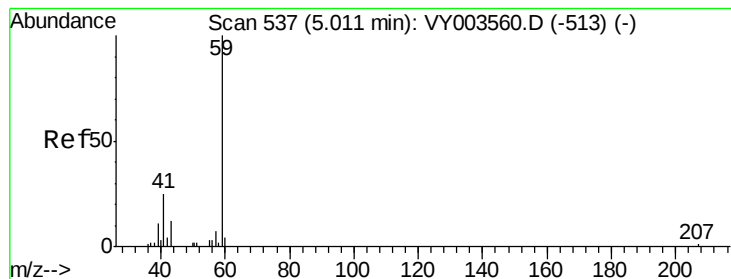


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 149.008 ug/l

RT: 5.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

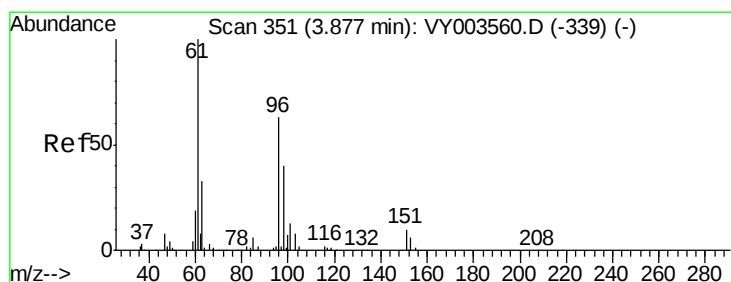
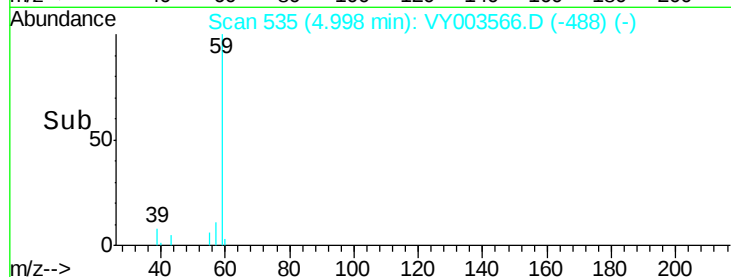
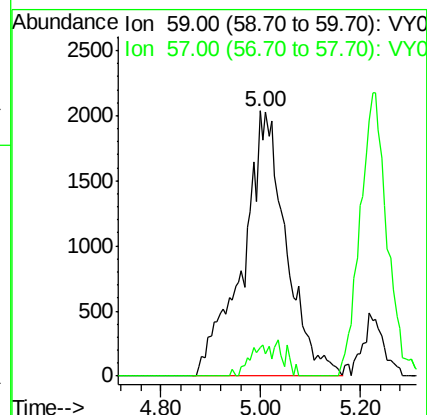
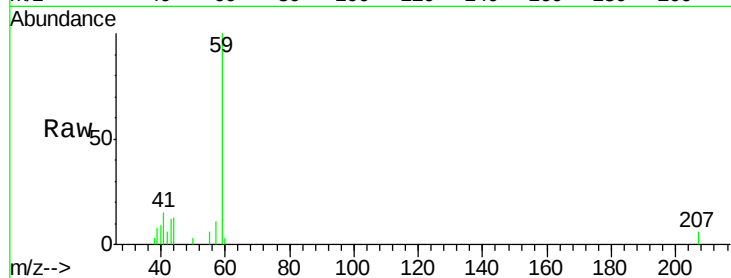
ClientSampleId :

Tot Ion: 59 Resp: 12300

Ion Ratio Lower Upper

59 100

57 5.4 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 20.947 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

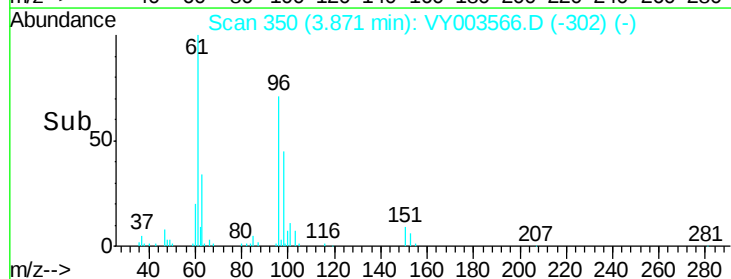
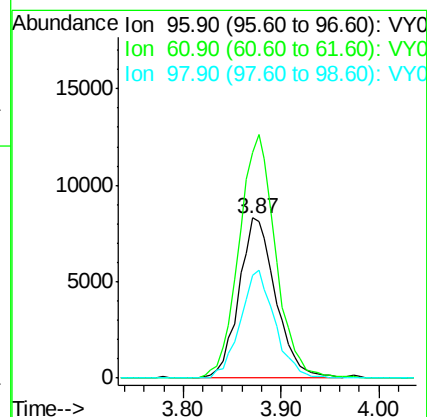
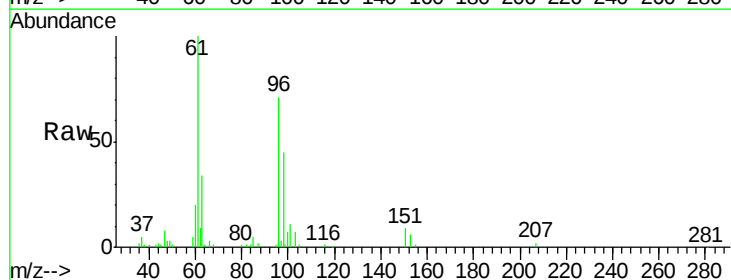
Tgt Ion: 96 Resp: 21694

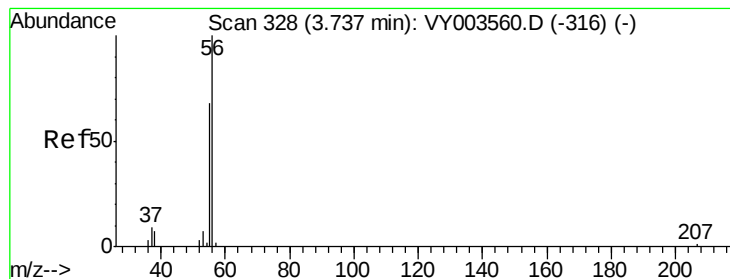
Ion Ratio Lower Upper

96 100

61 140.7 127.3 190.9

98 63.8 50.6 76.0





#13

Acrolein

Concen: 128.668 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

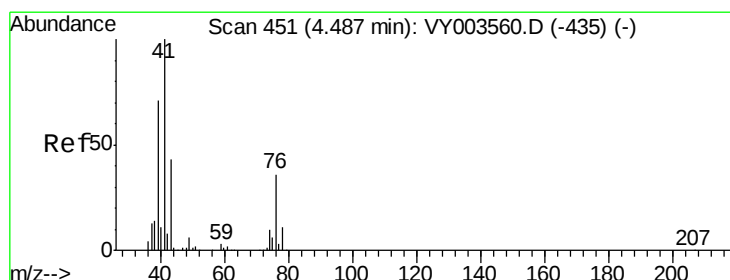
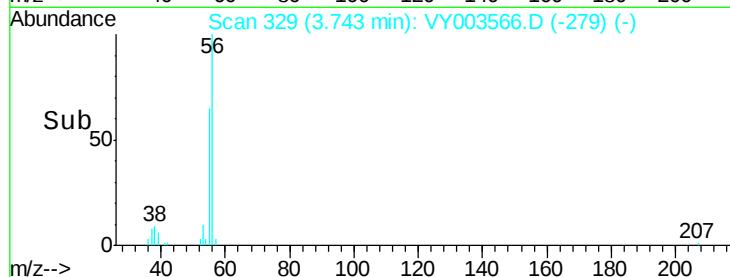
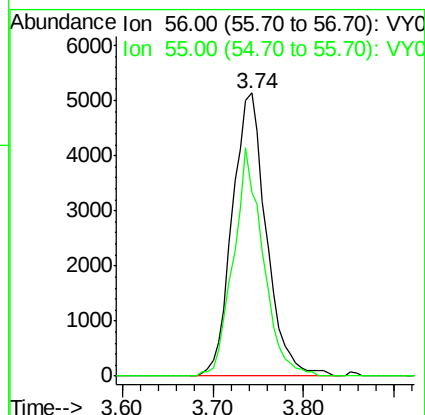
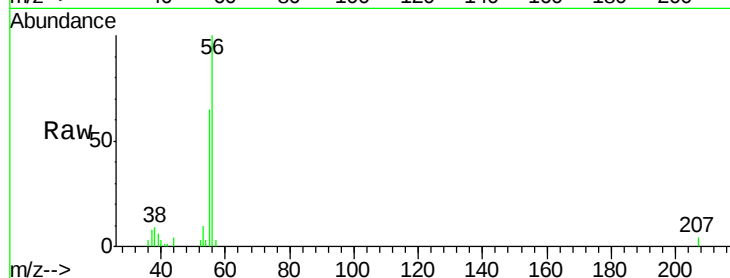
ClientSampleId :

Tot Ion: 56 Resp: 13408

Ion Ratio Lower Upper

56 100

55 70.0 54.6 81.8



#14

Allyl chloride

Concen: 20.941 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

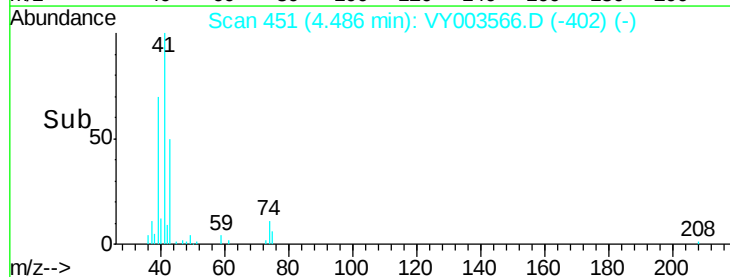
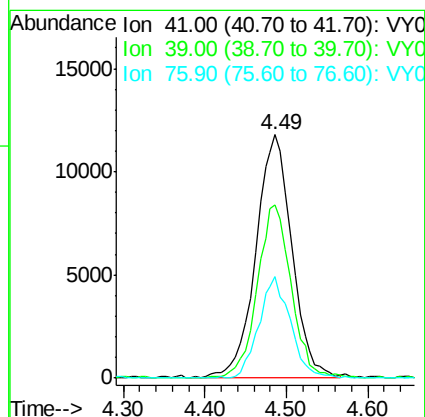
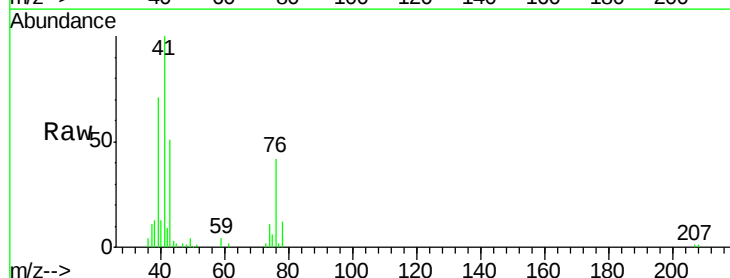
Tgt Ion: 41 Resp: 36357

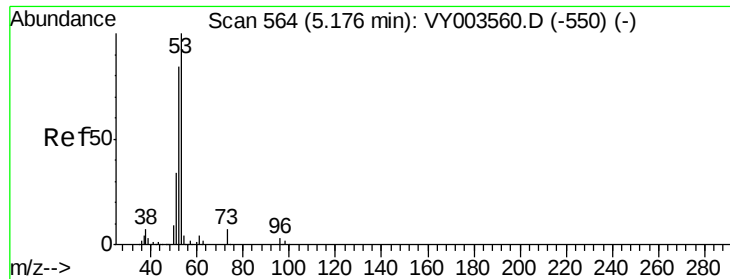
Ion Ratio Lower Upper

41 100

39 67.2 54.2 81.2

76 36.3 28.9 43.3





#15

Acrylonitrile

Concen: 114.234 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

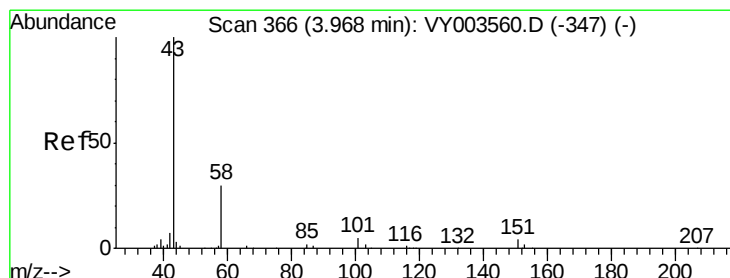
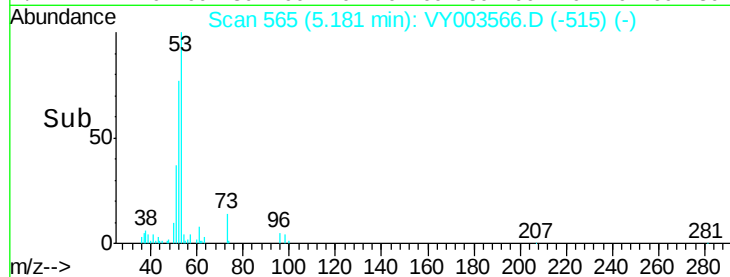
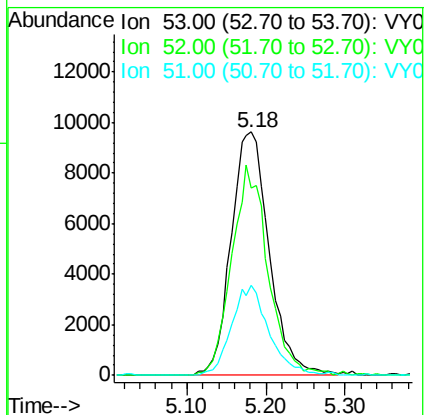
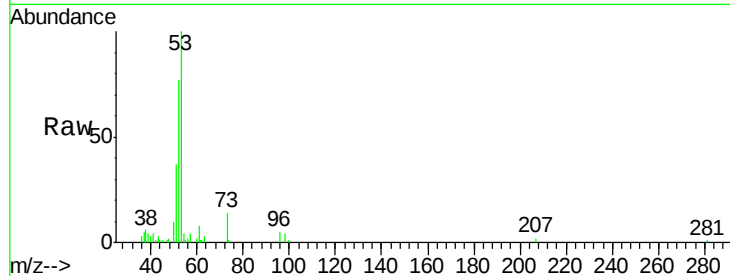
Tot Ion: 53 Resp: 32461

Ion Ratio Lower Upper

53 100

52 81.3 66.4 99.6

51 36.0 29.0 43.4



#16

Acetone

Concen: 98.746 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY003566.D

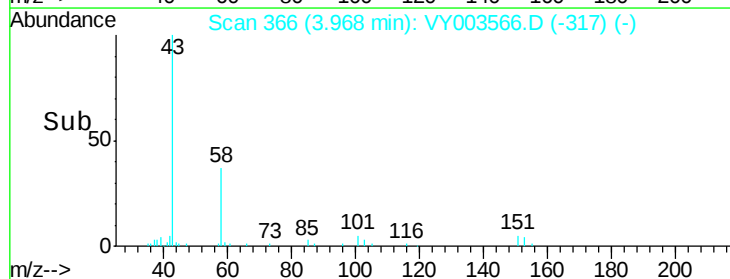
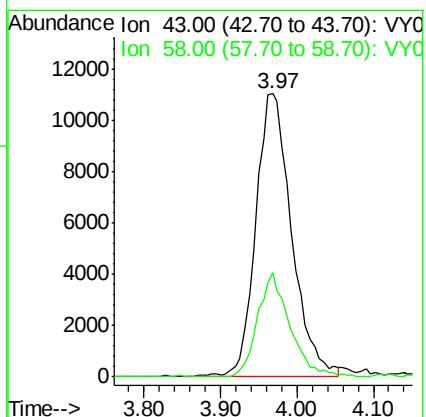
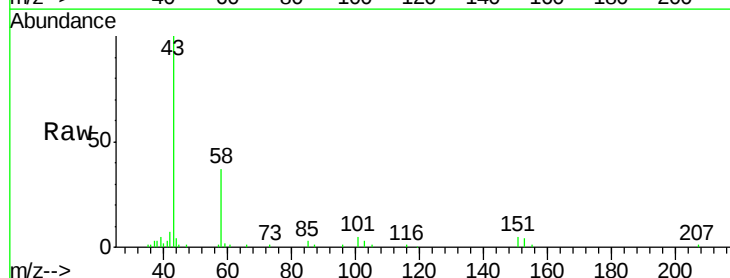
Acq: 20 Nov 2020 14:42

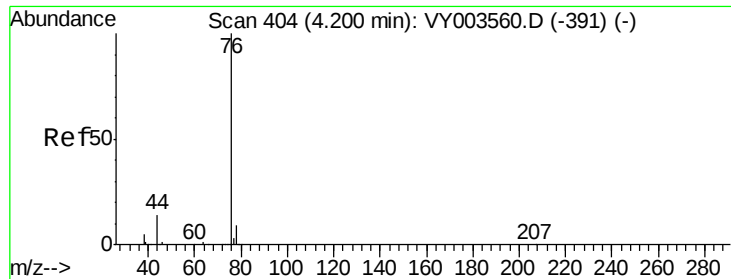
Tgt Ion: 43 Resp: 36009

Ion Ratio Lower Upper

43 100

58 37.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 20.785 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

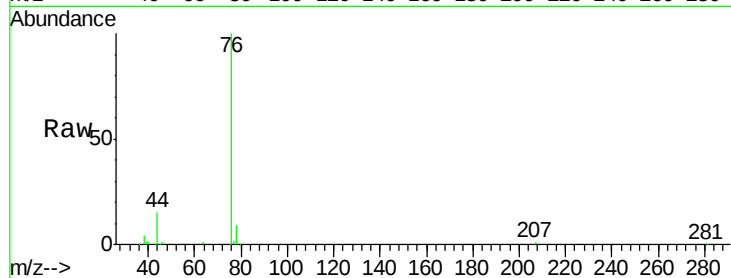
ClientSampleId :

Tot Ion: 76 Resp: 61966

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

25000

20000

15000

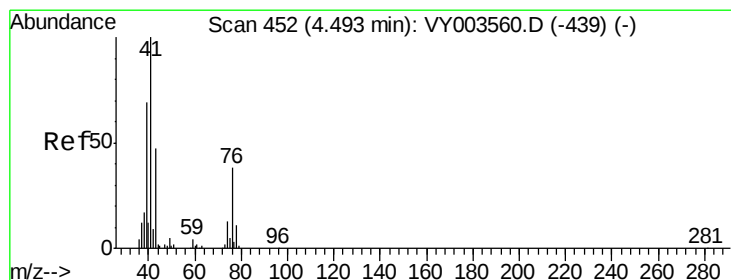
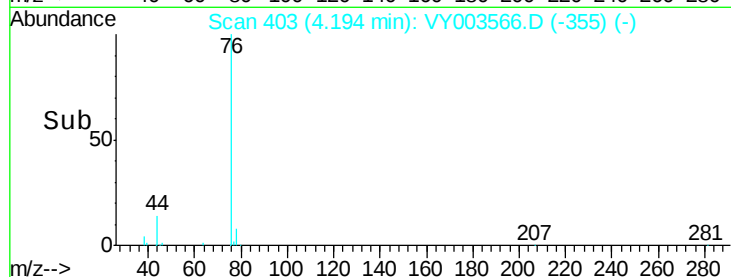
10000

5000

0

4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 22.198 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003566.D

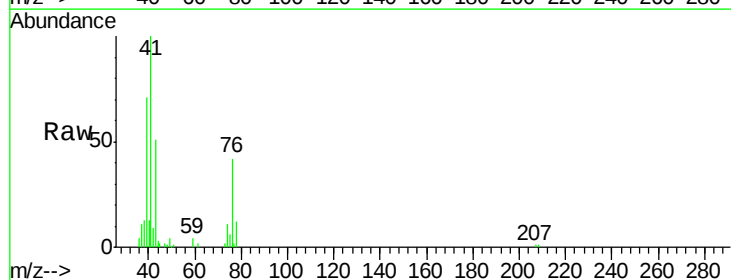
Acq: 20 Nov 2020 14:42

Tgt Ion: 43 Resp: 17610

Ion Ratio Lower Upper

43 100

74 23.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

6000

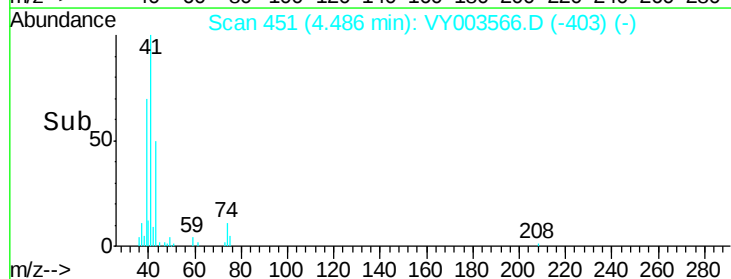
4000

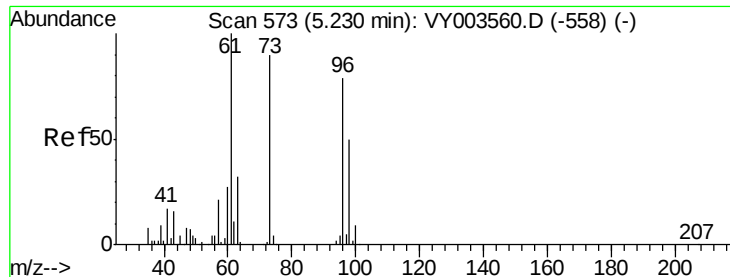
2000

0

4.40 4.50 4.60

Time-->

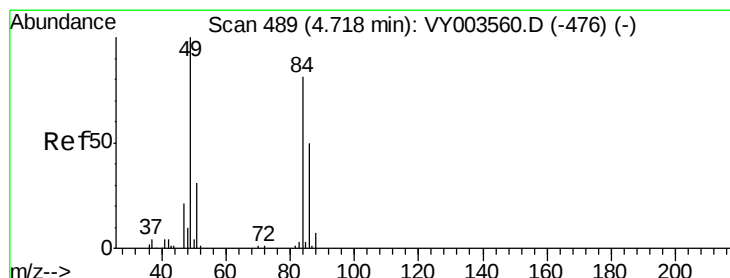
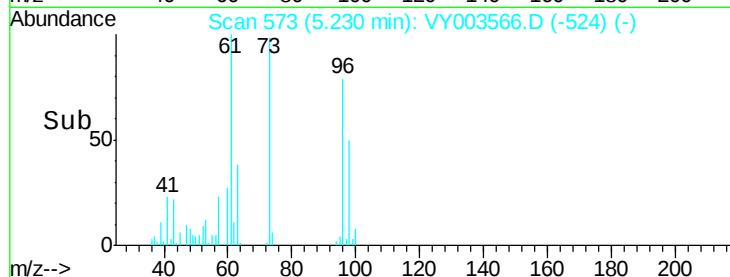
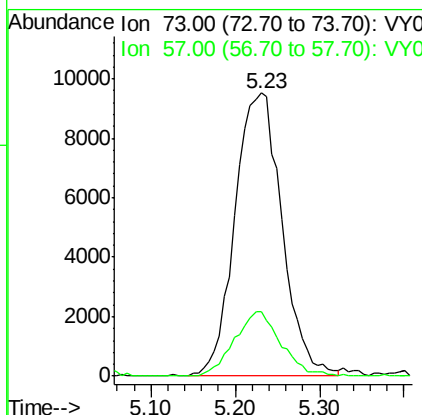
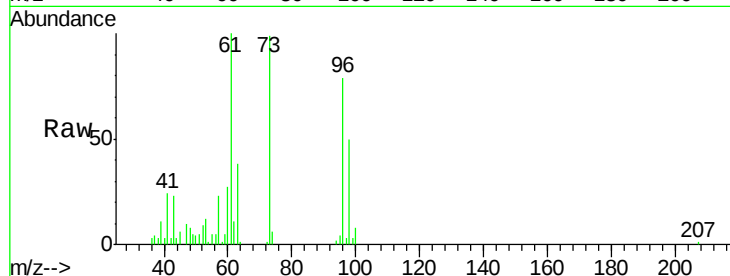




#19
Methyl tert-butyl Ether
Concen: 23.587 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

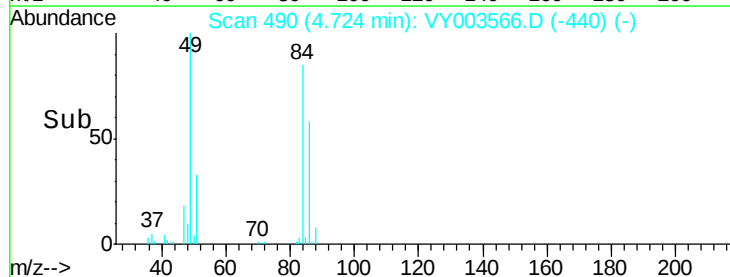
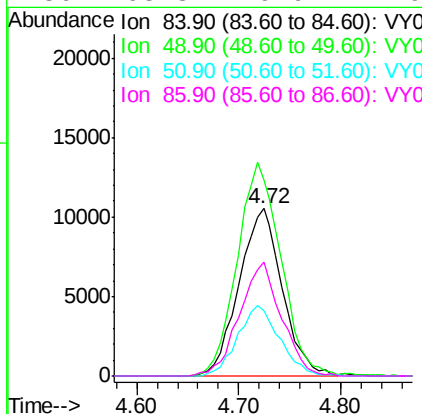
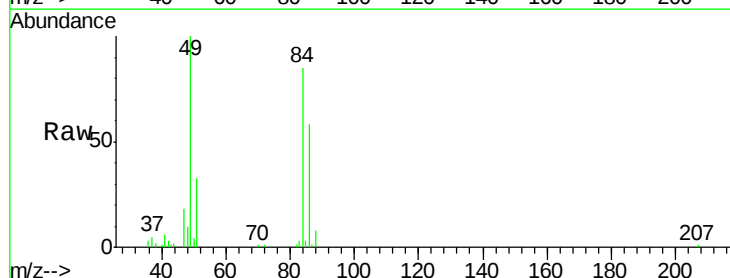
Instrument :
MSVOA_Y
ClientSampleId :

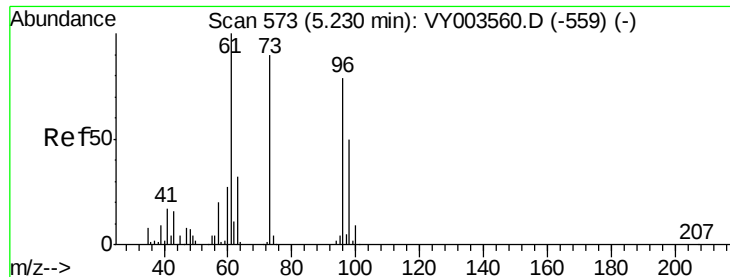
Tot Ion: 73 Resp: 36257
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2



#20
Methylene Chloride
Concen: 23.874 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 84 Resp: 30933
Ion Ratio Lower Upper
84 100
49 117.2 99.0 148.6
51 38.9 30.5 45.7
86 68.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.994 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

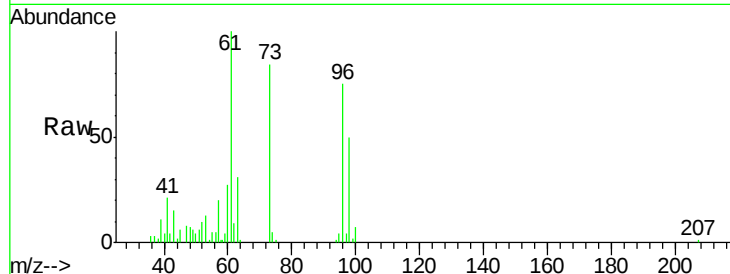
Tot Ion: 96 Resp: 24310

Ion Ratio Lower Upper

96 100

61 132.7 101.0 151.4

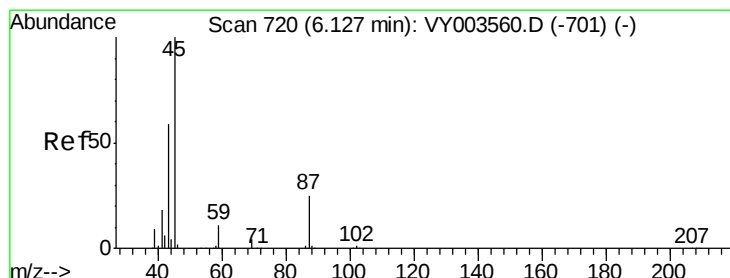
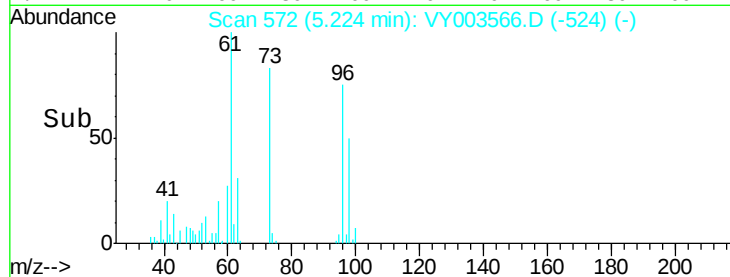
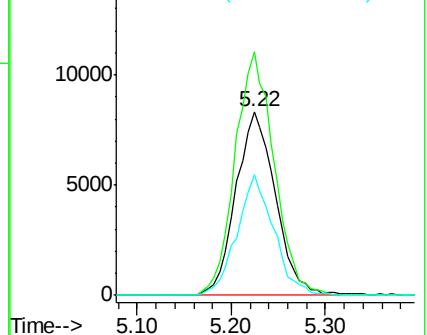
98 65.8 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VY003566.D (-524) (-)

Ion 60.90 (60.60 to 61.60): VY003566.D (-524) (-)

Ion 97.90 (97.60 to 98.60): VY003566.D (-524) (-)



#22

Diisopropyl ether

Concen: 19.664 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion: 45 Resp: 58517

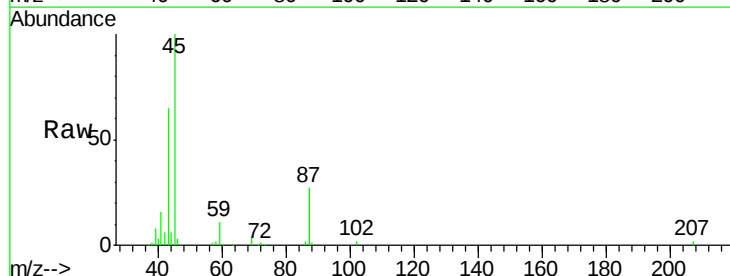
Ion Ratio Lower Upper

45 100

43 63.3 48.1 72.1

87 26.2 20.3 30.5

59 10.6 9.1 13.7

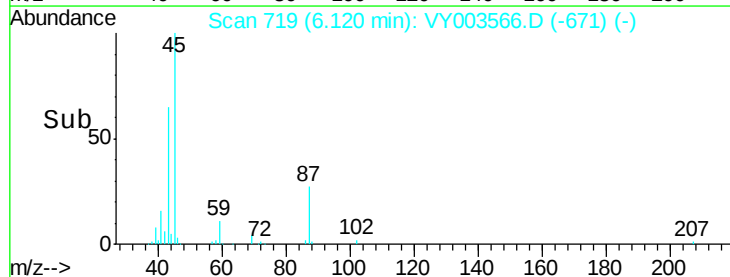
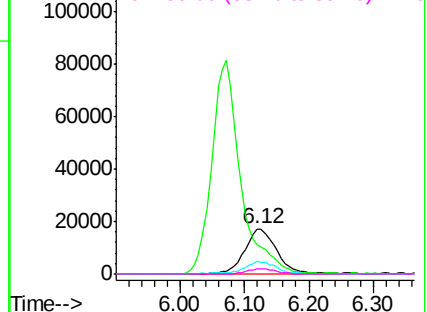


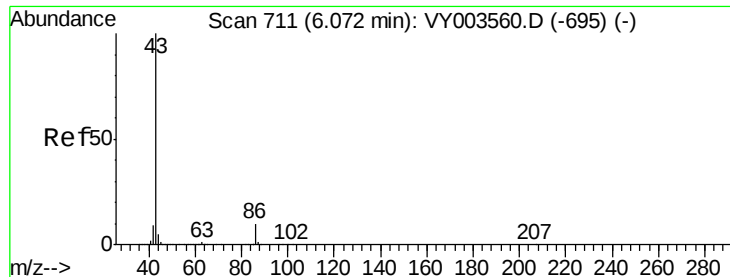
Abundance Ion 45.00 (44.70 to 45.70): VY003566.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VY003566.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VY003566.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VY003566.D (-671) (-)





#23

Vinyl Acetate

Concen: 110.302 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

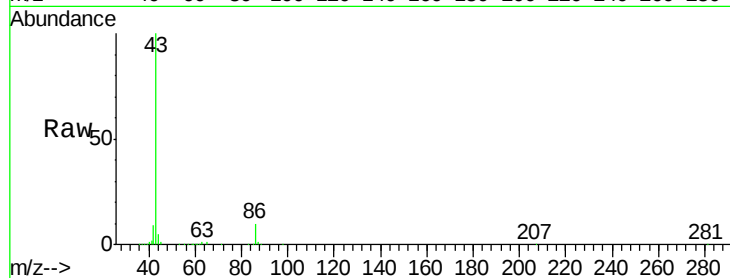
ClientSampleId :

Tot Ion: 43 Resp: 255141

Ion Ratio Lower Upper

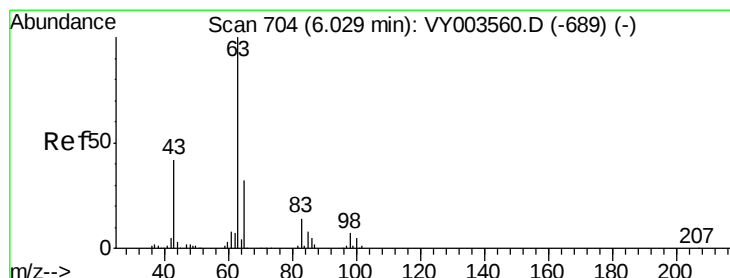
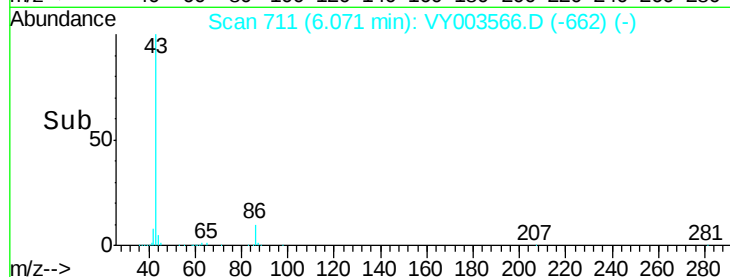
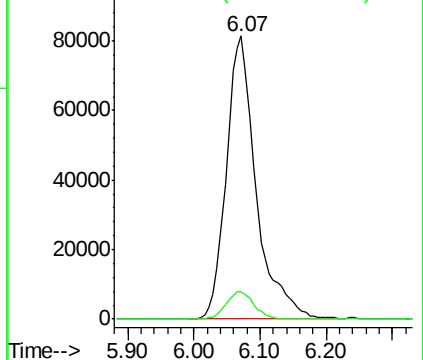
43 100

86 9.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.705 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

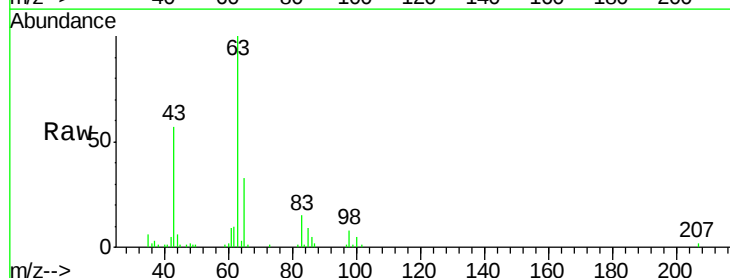
Tgt Ion: 63 Resp: 41011

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.2

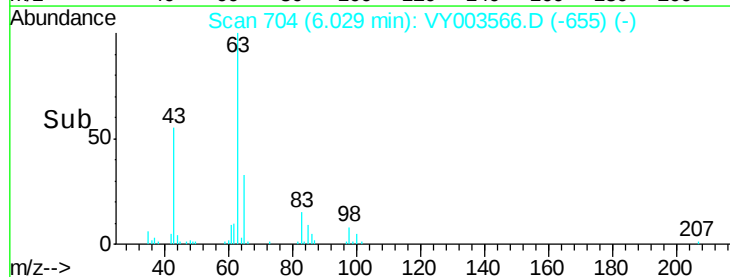
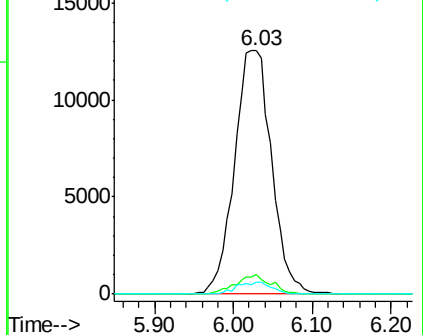
100 5.0 2.5 7.4

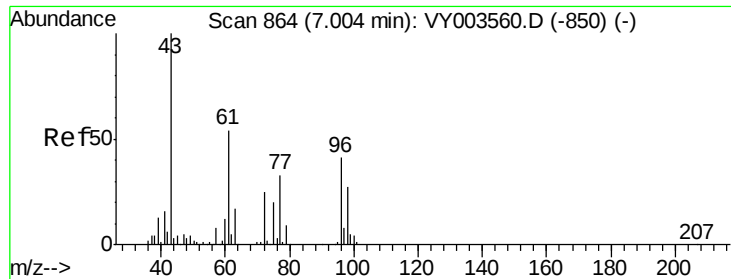


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 105.129 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

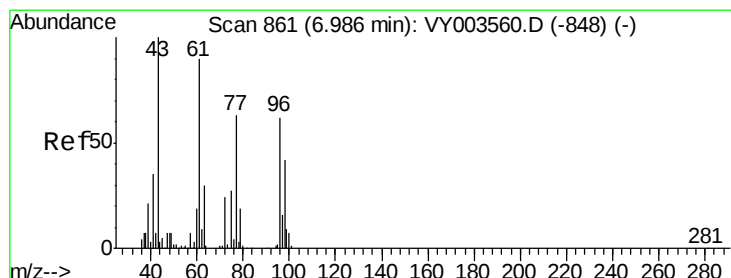
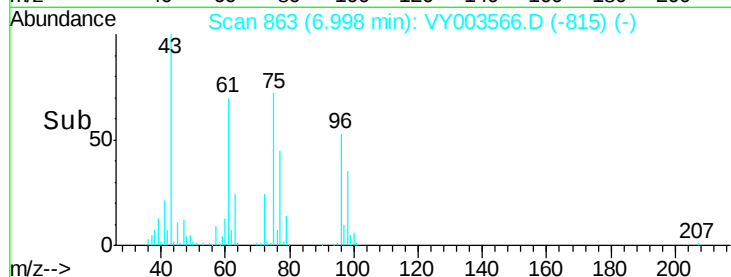
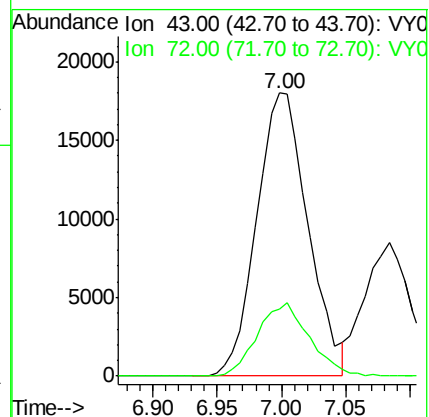
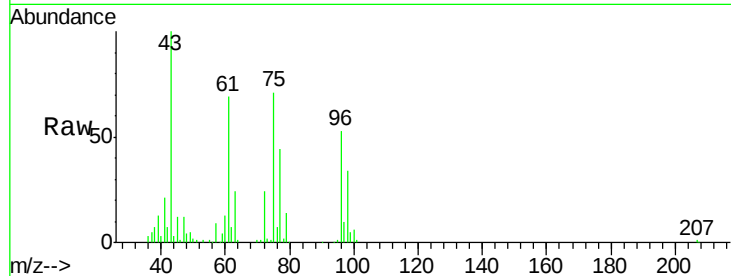
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 49745

Ion Ratio Lower Upper

43 100

72 23.8 19.8 29.8



#26

2,2-Dichloropropane

Concen: 21.554 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003566.D

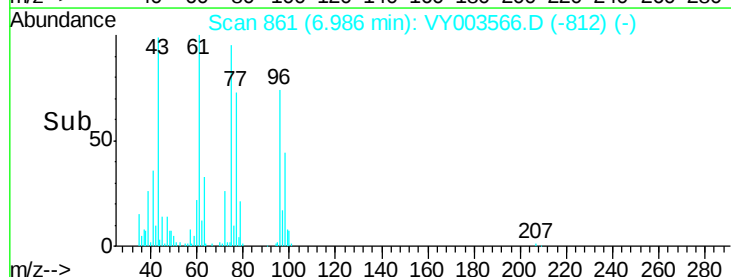
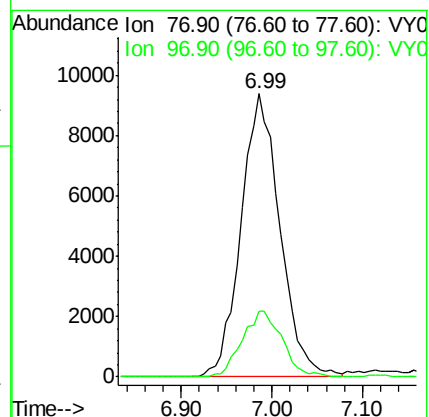
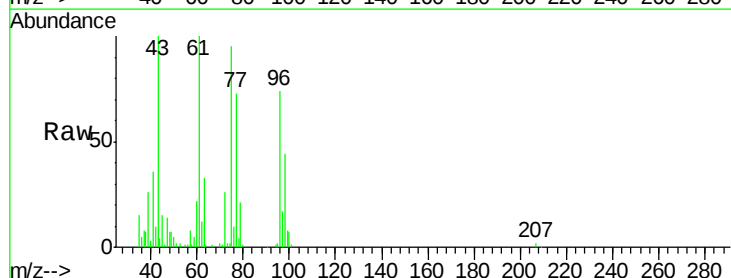
Acq: 20 Nov 2020 14:42

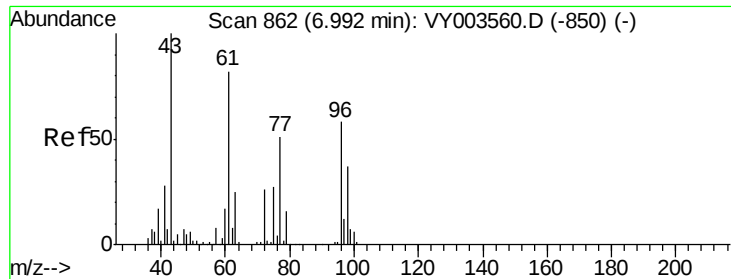
Tgt Ion: 77 Resp: 27918

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.6



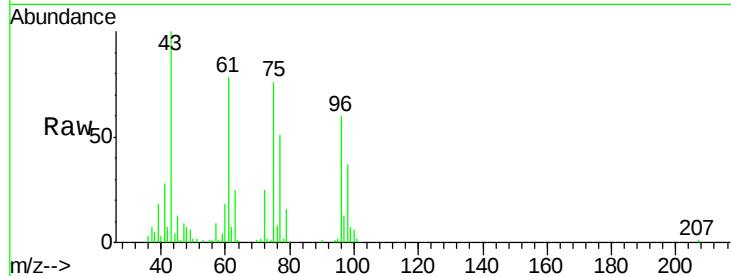


#27

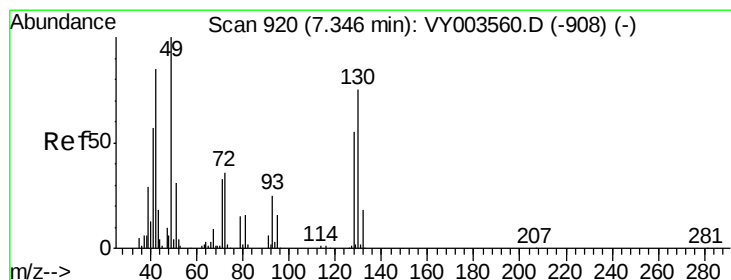
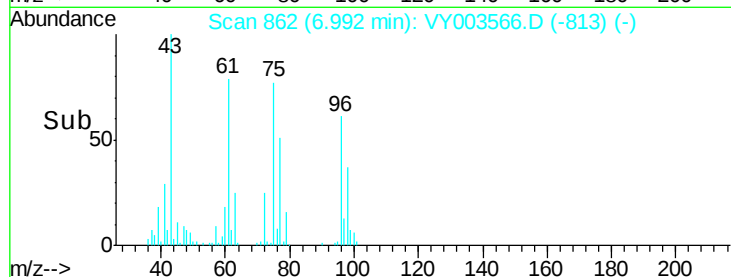
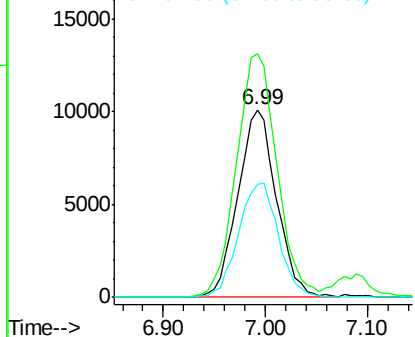
cis-1,2-Dichloroethene
 Concen: 21.154 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	96	Resp	26556
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	274.6
98	63.2	0.0	130.6



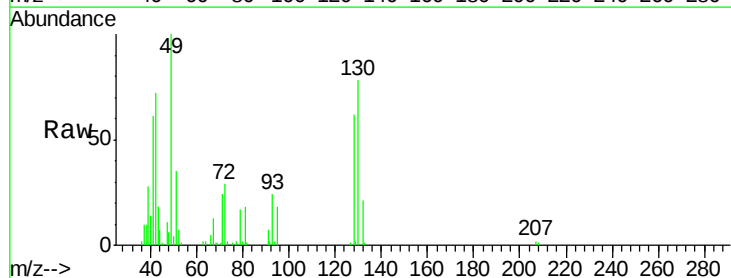
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



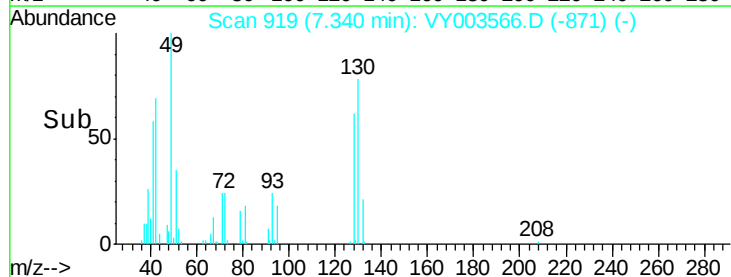
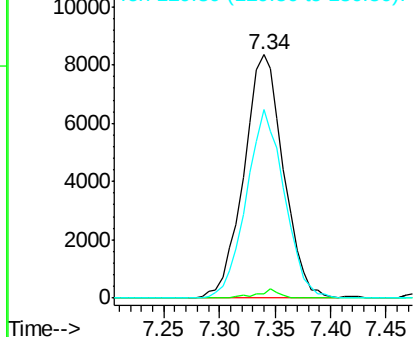
#28

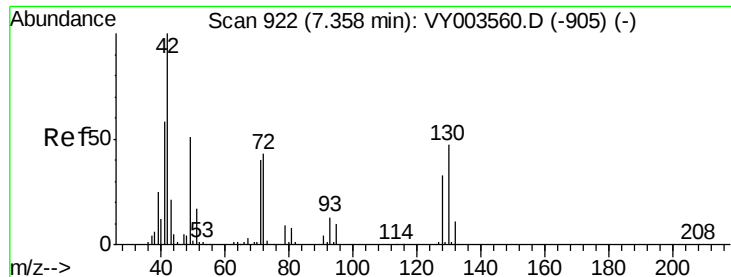
Bromochloromethane
 Concen: 21.355 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	49	Resp	20706
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	74.8	61.0	91.6



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

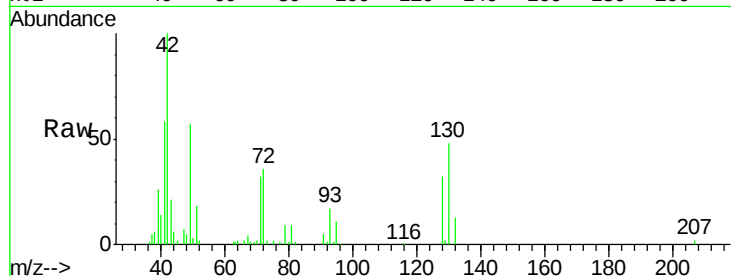




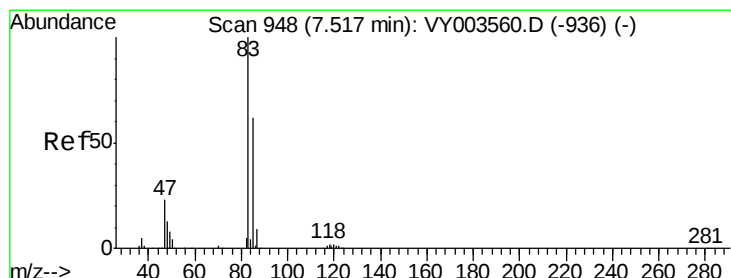
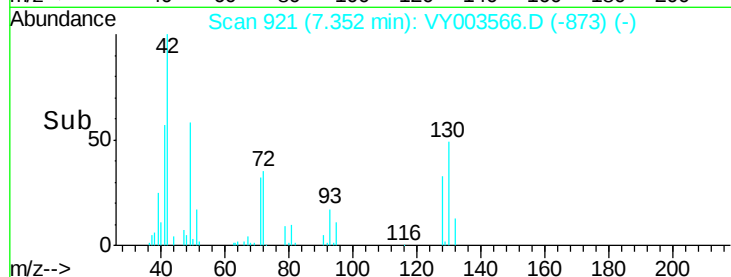
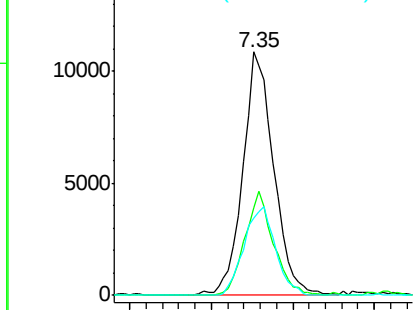
#29
Tetrahydrofuran
Concen: 115.932 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 28738
Ion Ratio Lower Upper
42 100
72 39.4 32.6 49.0
71 36.8 30.2 45.2

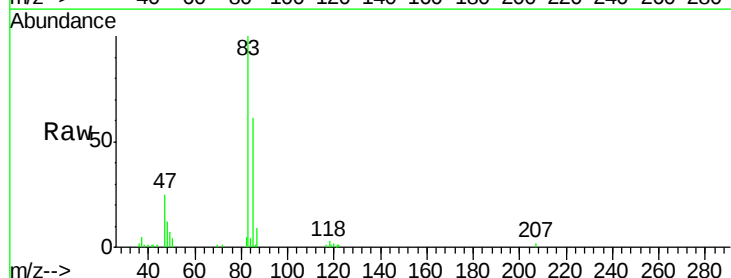


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

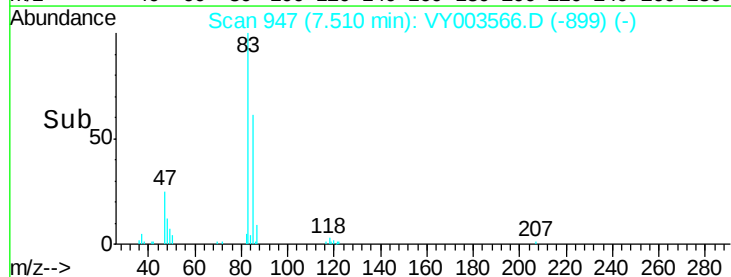
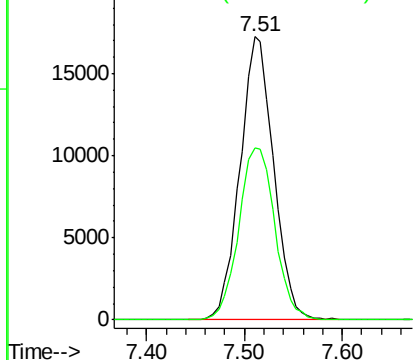


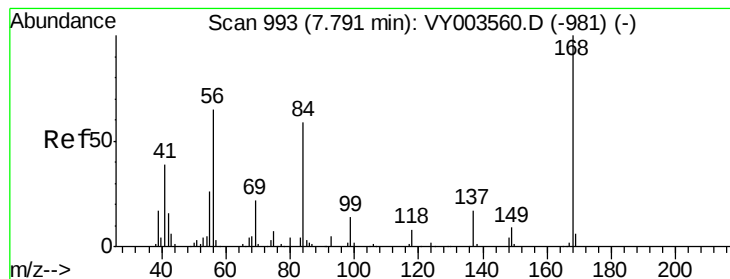
#30
Chloroform
Concen: 20.837 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 83 Resp: 41186
Ion Ratio Lower Upper
83 100
85 60.6 49.6 74.4



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





#31

Cyclohexane

Concen: 19.109 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

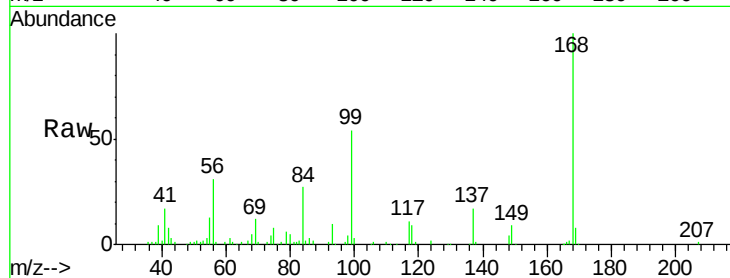
Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 30171

Ion	Ratio	Lower	Upper
56	100		
69	38.9	27.0	40.6
84	86.7	71.8	107.6

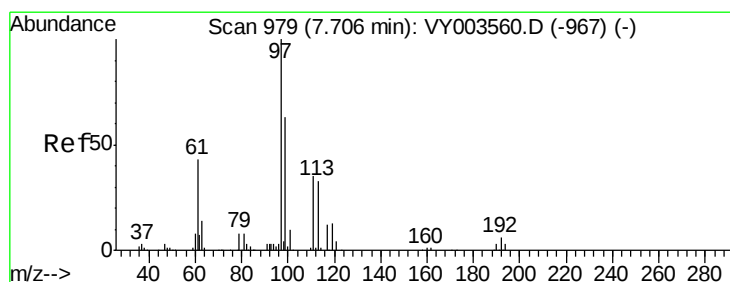
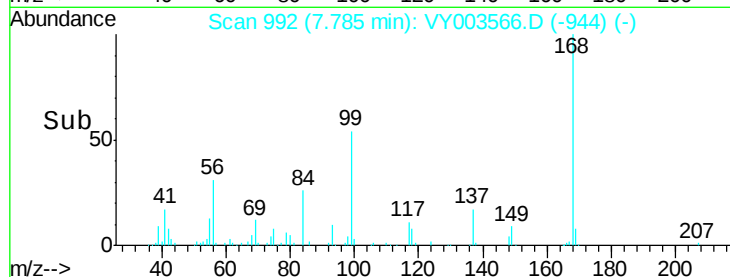
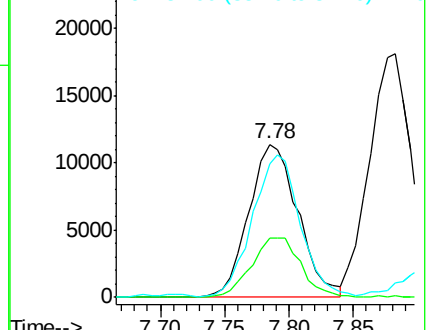


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.635 ug/l

RT: 7.71 min Scan# 979

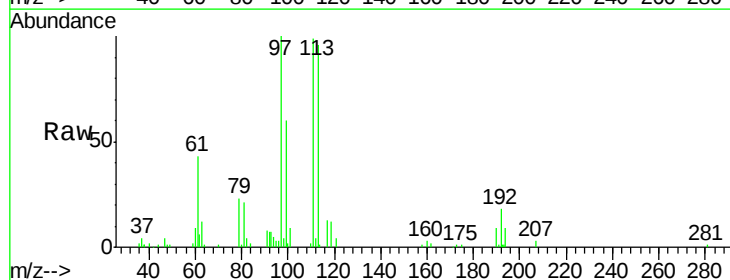
Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion: 97 Resp: 29990

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.2	75.2
61	42.0	34.1	51.1

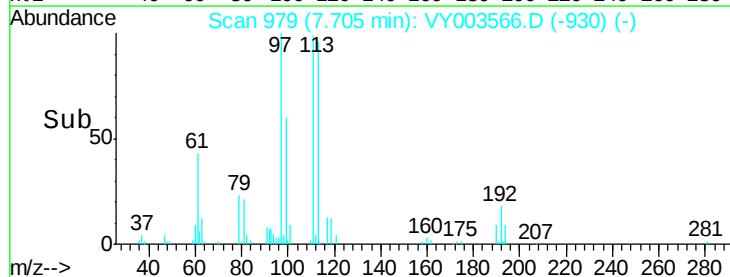
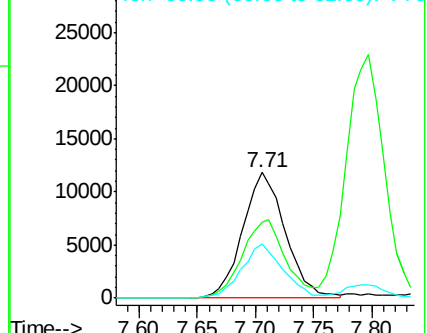


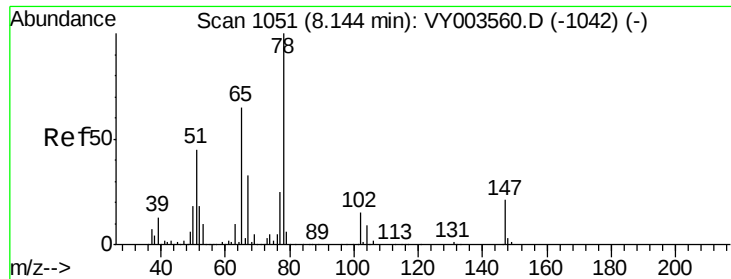
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

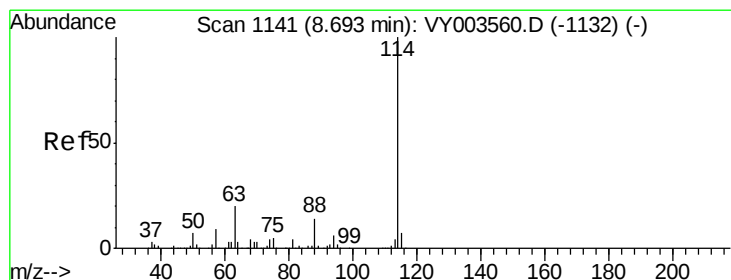
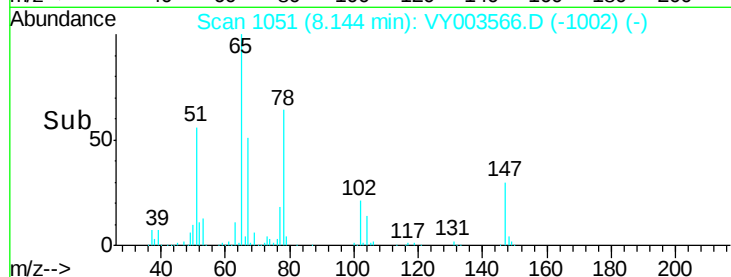
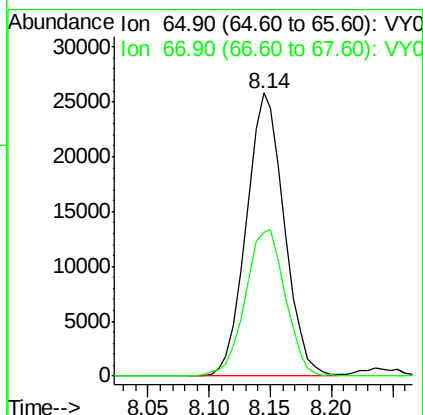
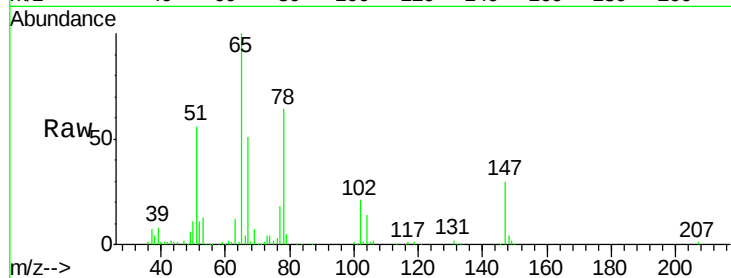




#33
 1,2-Dichloroethane-d4
 Concen: 50.935 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

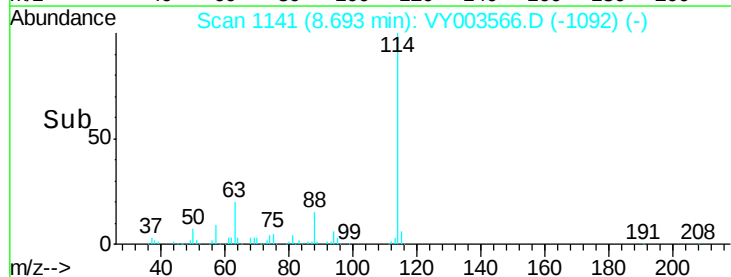
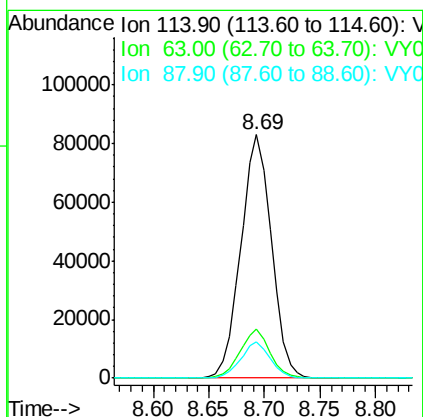
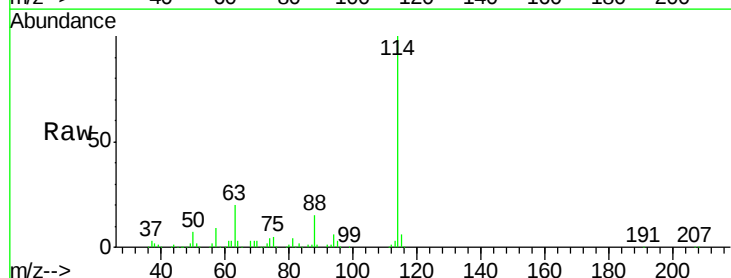
Instrument :
 MSVOA_Y
 ClientSampled :

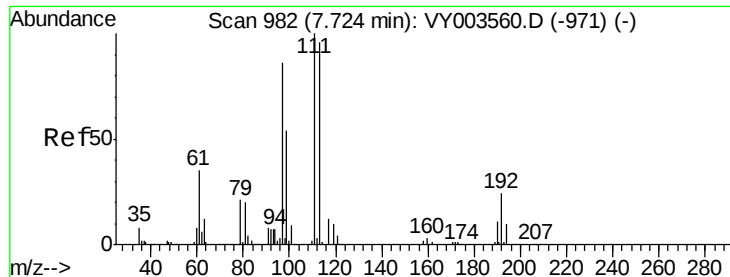
Tot Ion: 65 Resp: 55629
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion: 114 Resp: 158614
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.1 0.0 29.0

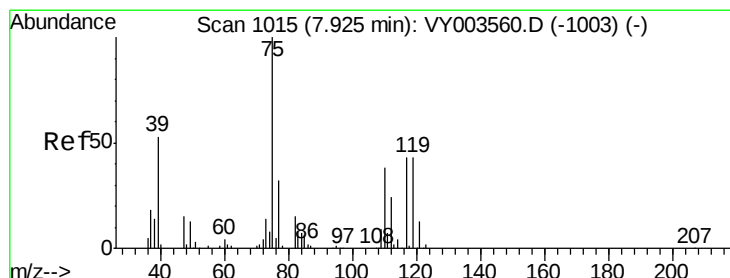
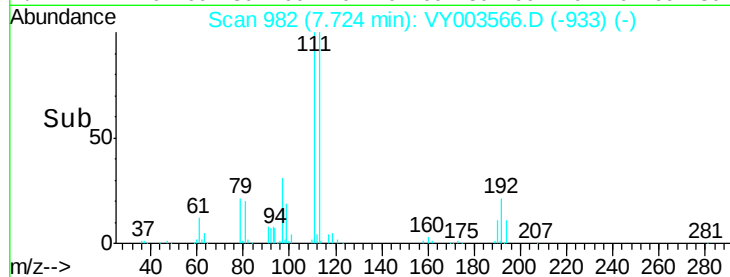
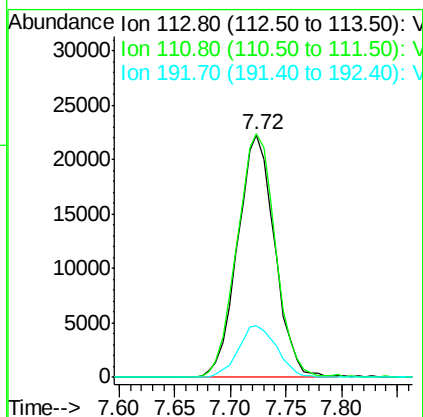
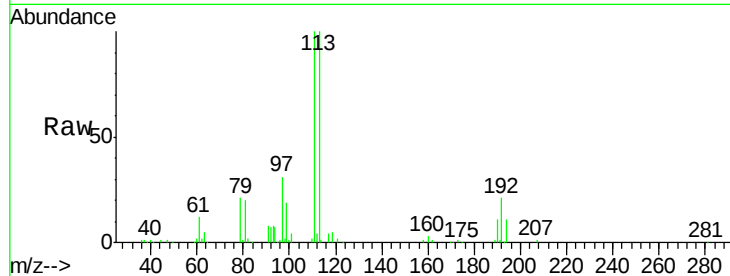




#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

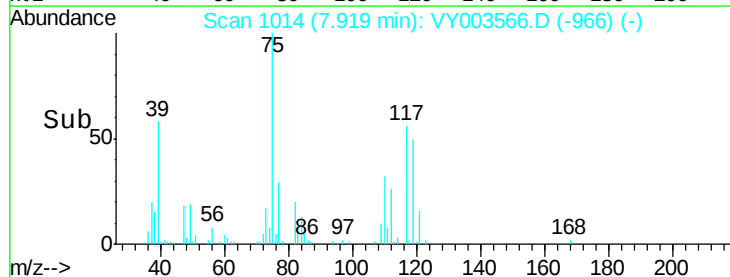
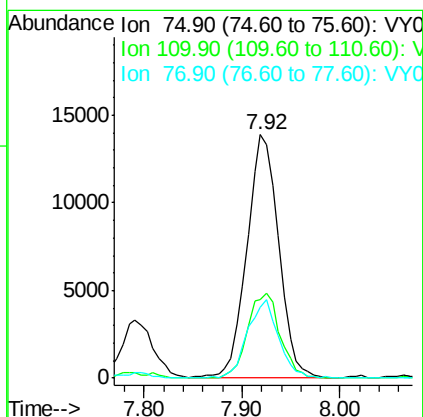
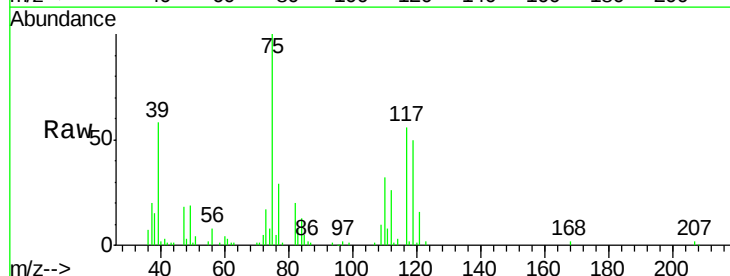
Instrument :
MSVOA_Y
ClientSampleId :

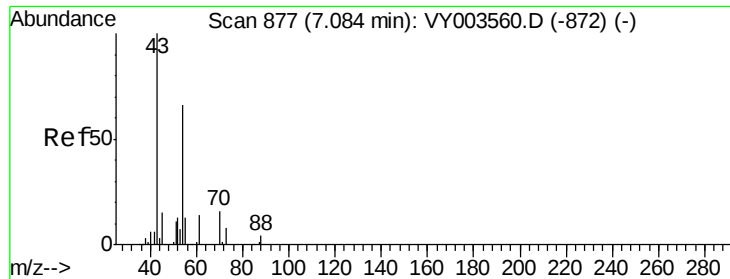
Tot Ion:113 Resp: 51482
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 22.1 18.1 27.1



#36
1,1-Dichloropropene
Concen: 20.167 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 75 Resp: 31492
Ion Ratio Lower Upper
75 100
110 35.5 18.7 56.1
77 31.4 25.4 38.2

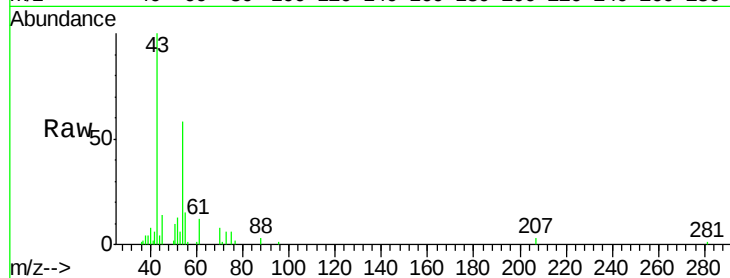




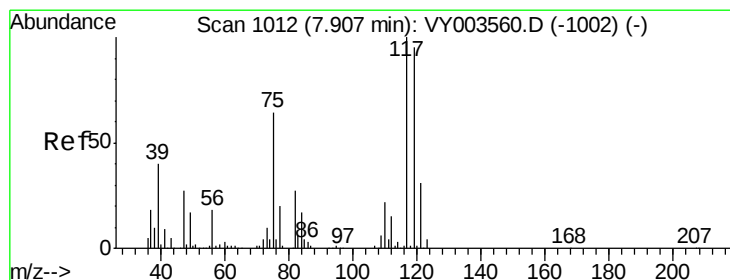
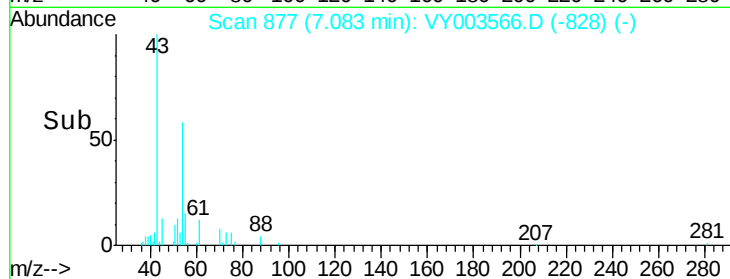
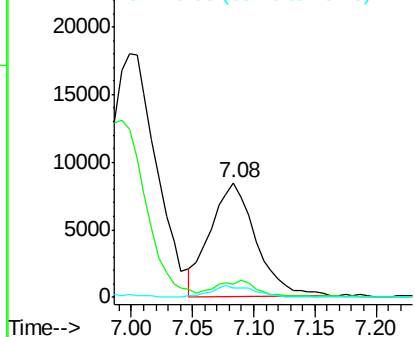
#37
Ethyl Acetate
Concen: 23.337 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 21960
Ion Ratio Lower Upper
43 100
61 12.5 10.3 15.5
70 9.6 7.5 11.3

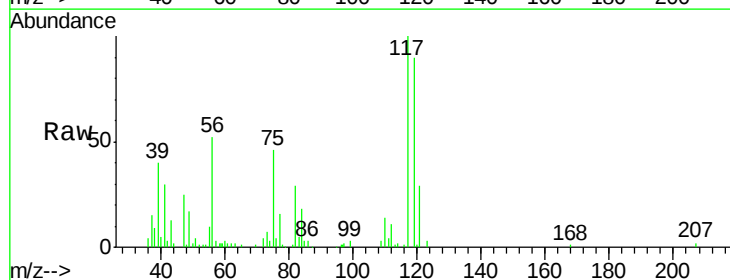


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

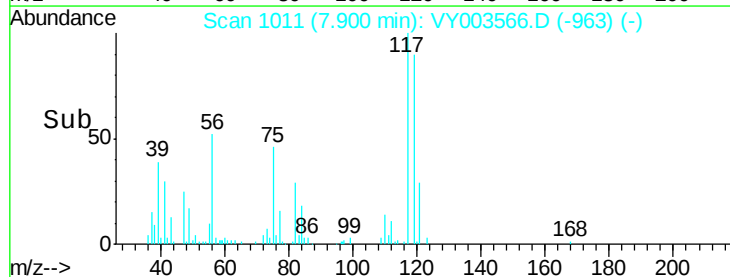
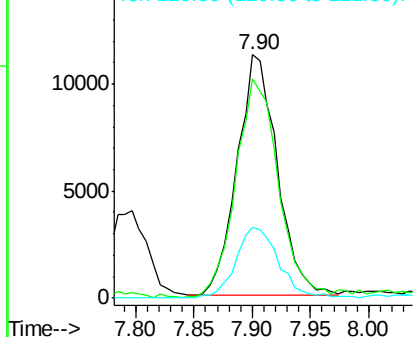


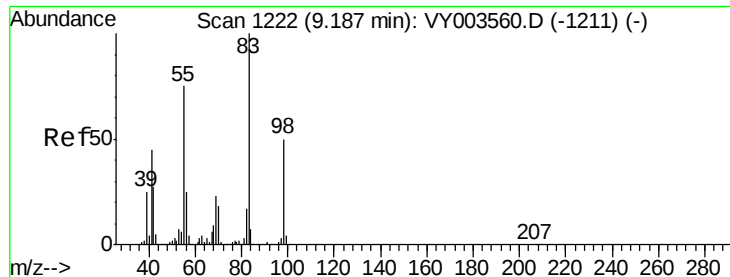
#38
Carbon Tetrachloride
Concen: 18.803 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 117 Resp: 27200
Ion Ratio Lower Upper
117 100
119 90.5 76.3 114.5
121 29.2 25.1 37.7



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

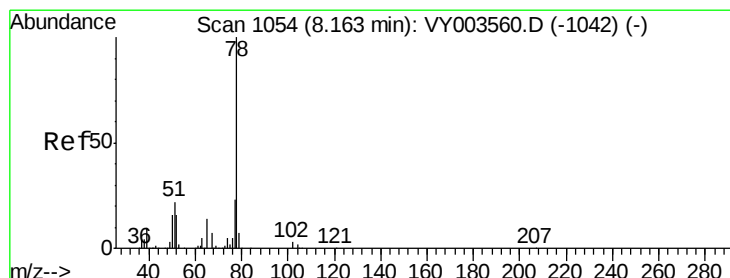
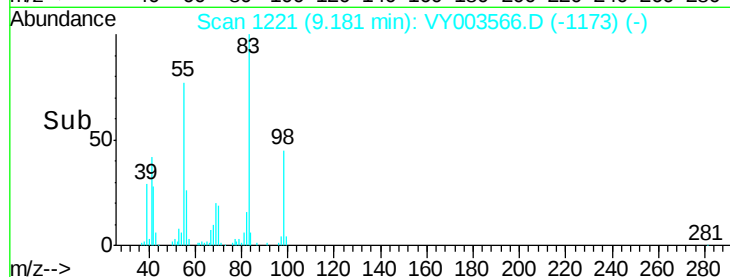
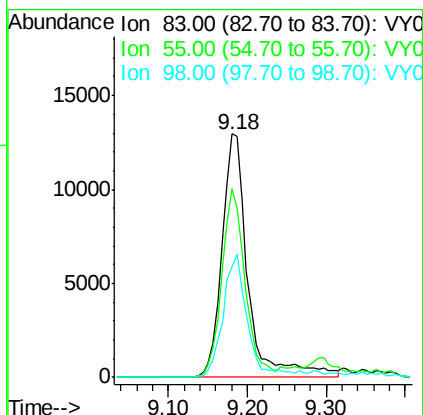
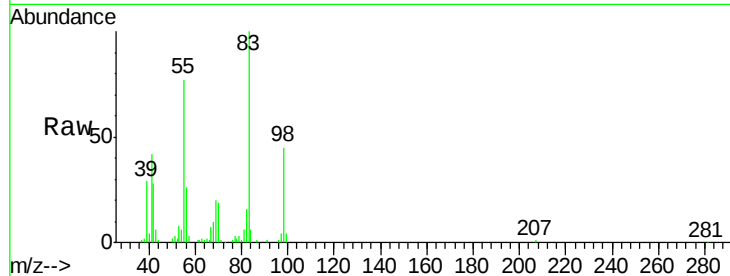




#39
Methvlcvclohexane
Concen: 18.773 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

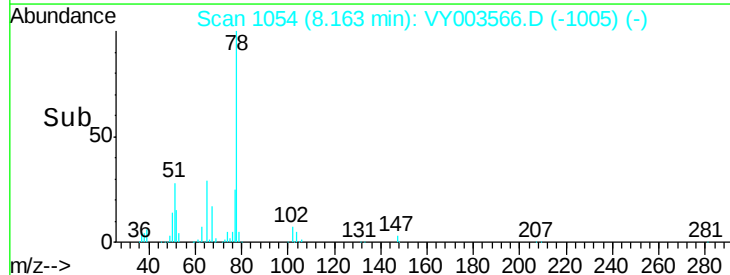
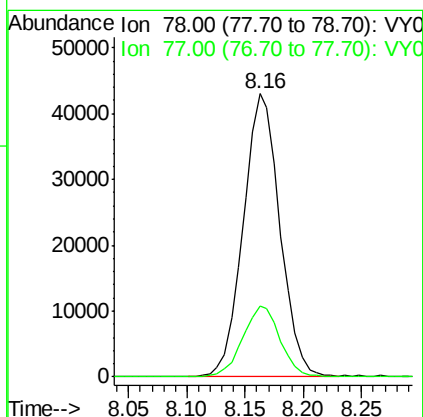
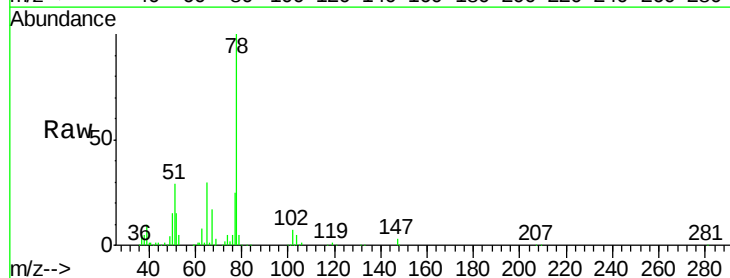
Instrument :
MSVOA_Y
ClientSampleId :

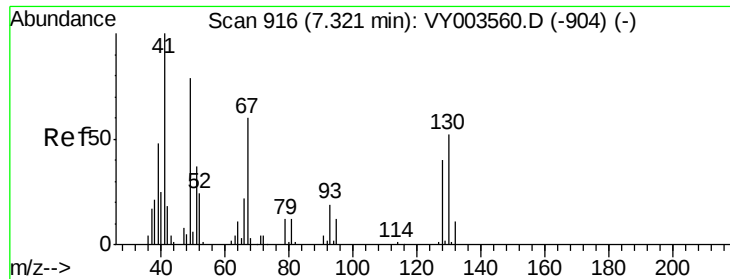
Tot Ion: 83 Resp: 29792
Ion Ratio Lower Upper
83 100
55 77.3 60.2 90.4
98 45.4 40.3 60.5



#40
Benzene
Concen: 20.433 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 78 Resp: 94585
Ion Ratio Lower Upper
78 100
77 25.1 18.6 28.0





#41

Methacrylonitrile

Concen: 18.967 ug/l

RT: 7.32 min Scan# 916

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 10552

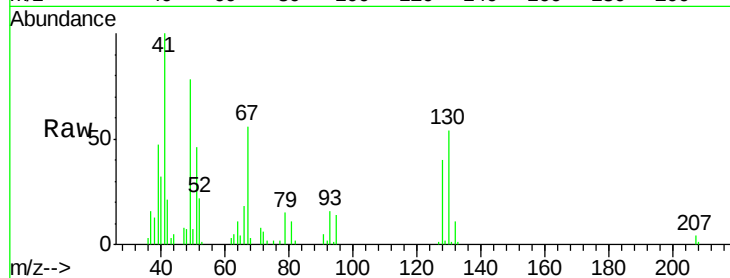
Ion Ratio Lower Upper

41 100

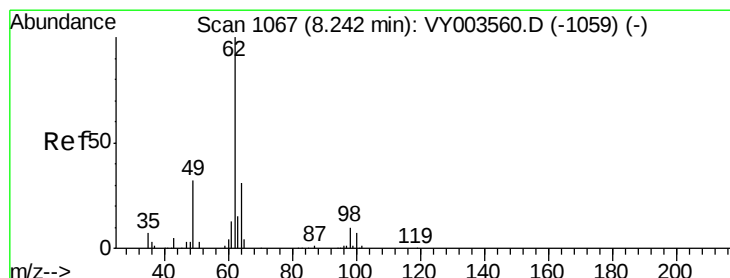
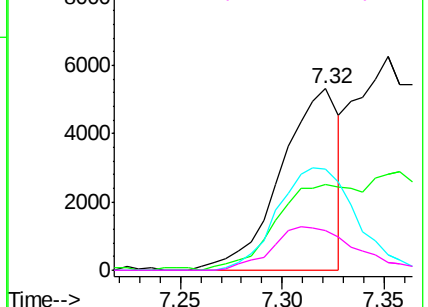
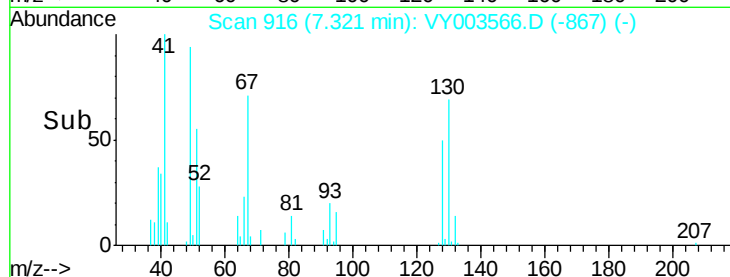
39 68.5 41.4 62.0#

67 75.7 57.2 85.8

52 33.8 23.6 35.4



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



#42

1,2-Dichloroethane

Concen: 21.468 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003566.D

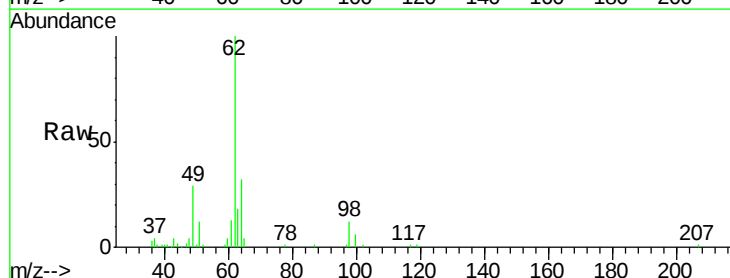
Acq: 20 Nov 2020 14:42

Tgt Ion: 62 Resp: 28270

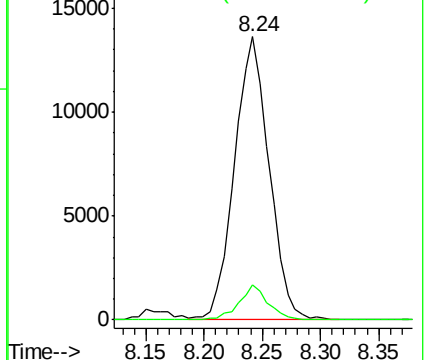
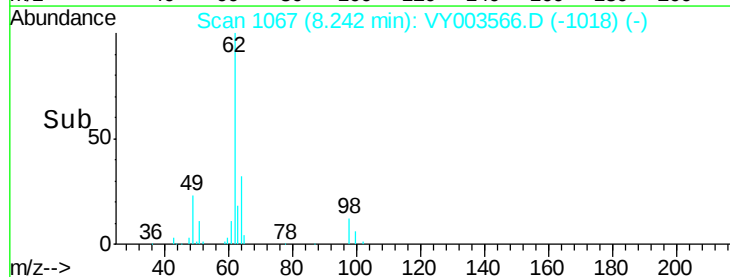
Ion Ratio Lower Upper

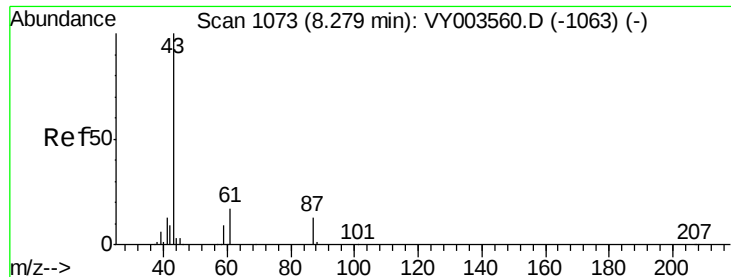
62 100

98 10.2 0.0 20.4



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



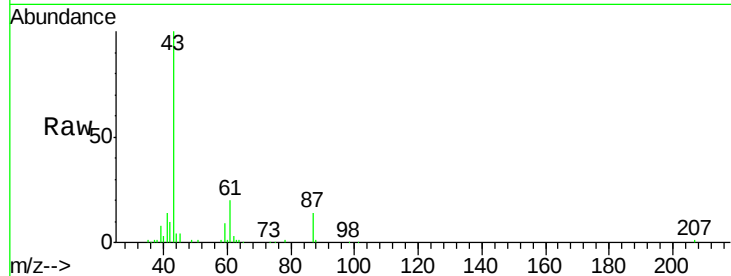


#43

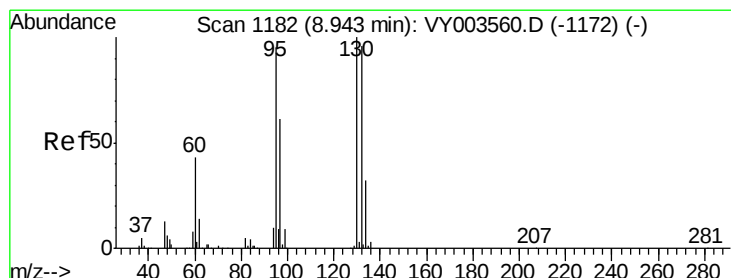
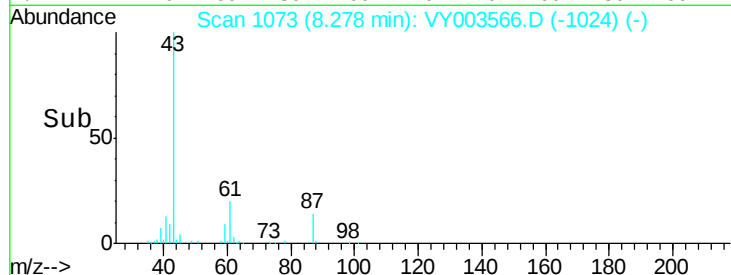
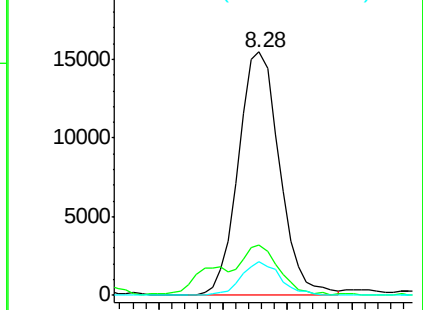
Isopropyl Acetate
 Concen: 19.915 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	34411
Ion Ratio	Lower	Upper	
43	100		
61	19.2	21.4	32.0#
87	13.1	10.7	16.1



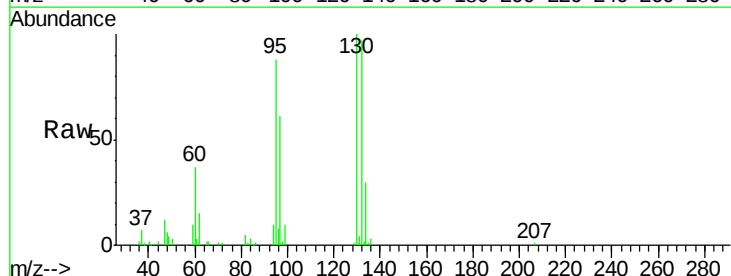
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



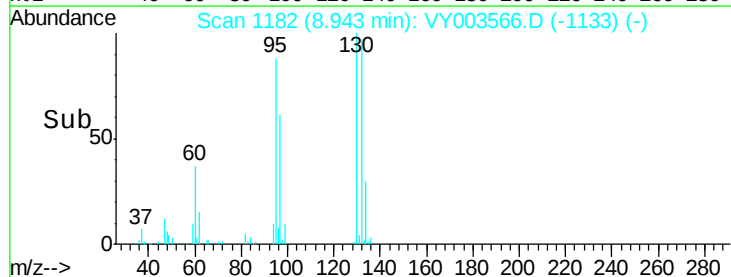
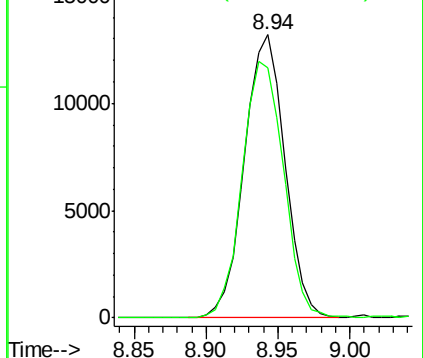
#44

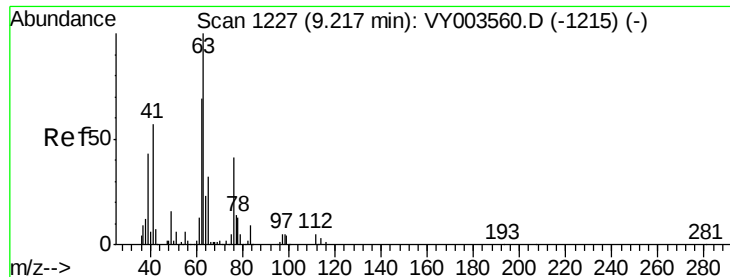
Trichloroethene
 Concen: 20.355 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	130	Resp	25675
Ion Ratio	Lower	Upper	
130	100		
95	88.4	0.0	189.2



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

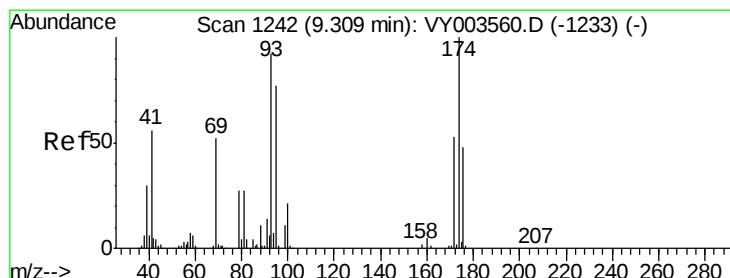
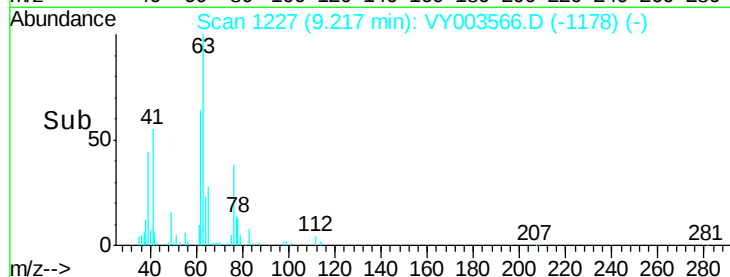
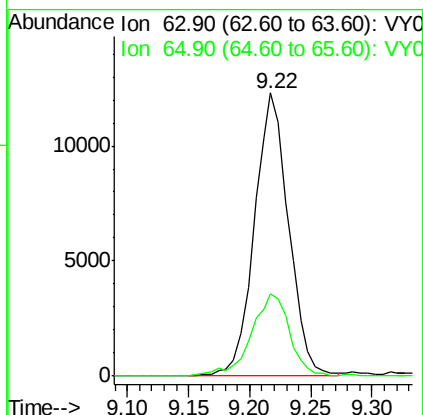
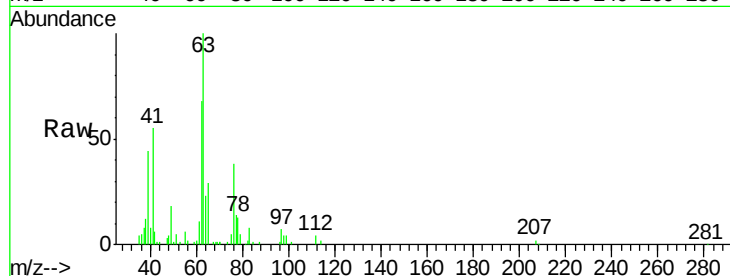




#45
 1,2-Dichloropropane
 Concen: 20.858 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

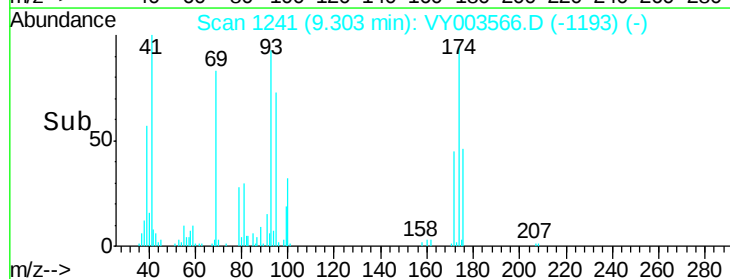
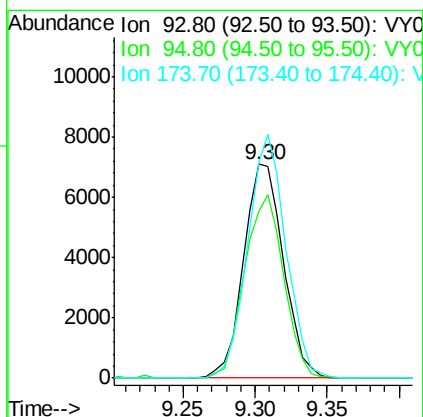
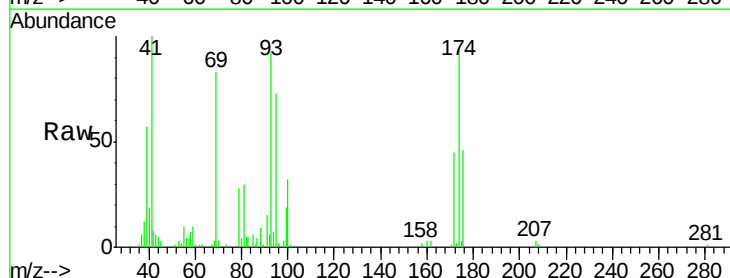
Instrument :
 MSVOA_Y
 ClientSampled :

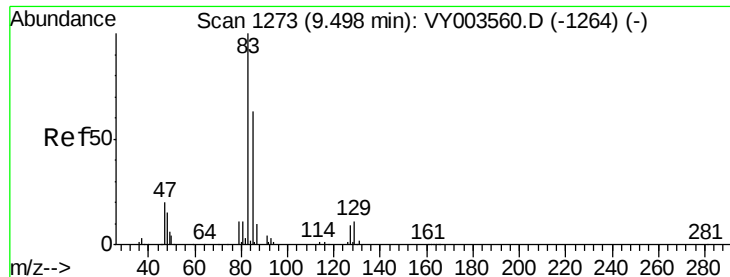
Tot Ion: 63 Resp: 23934
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.7 38.5



#46
 Dibromomethane
 Concen: 20.717 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion: 93 Resp: 13538
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.9 98.9
 174 109.1 86.8 130.2





#47

Bromodichloromethane

Concen: 20.793 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

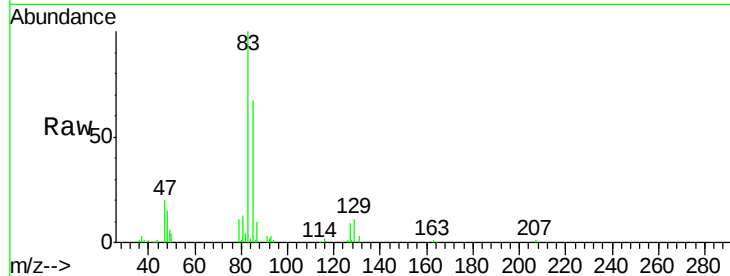
Tot Ion: 83 Resp: 32273

Ion Ratio Lower Upper

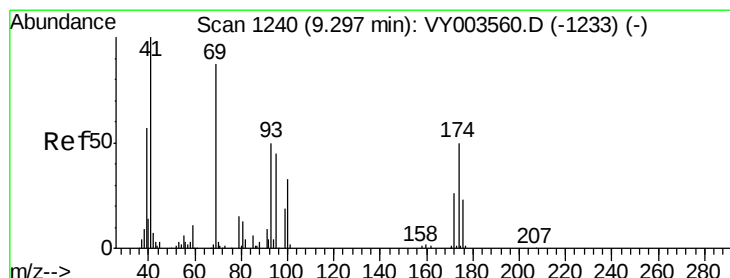
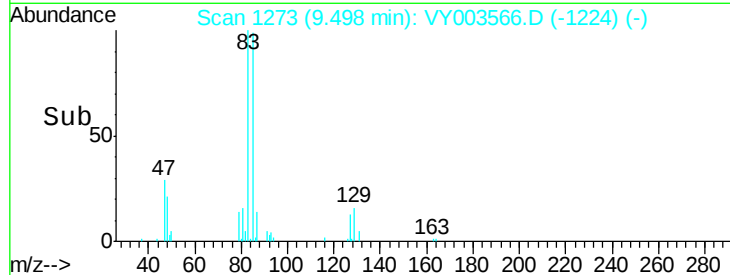
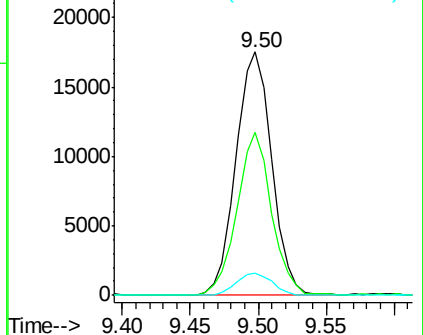
83 100

85 66.8 50.7 76.1

127 8.9 7.0 10.4



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: 22.342 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

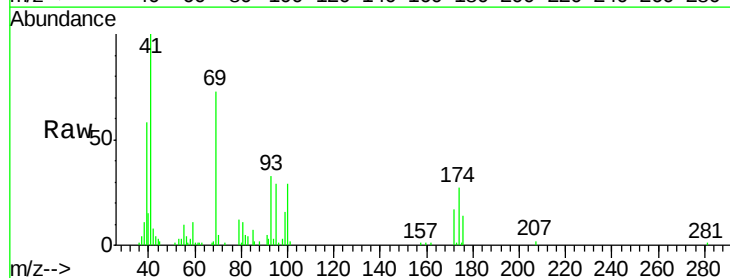
Tgt Ion: 41 Resp: 18479

Ion Ratio Lower Upper

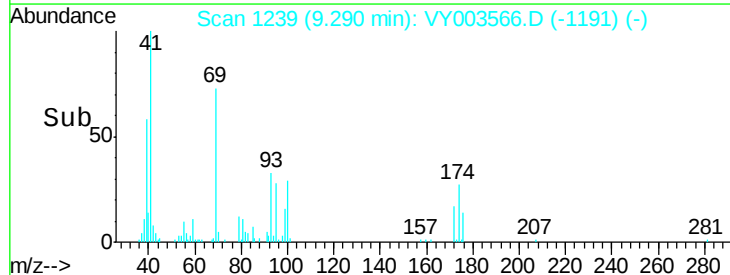
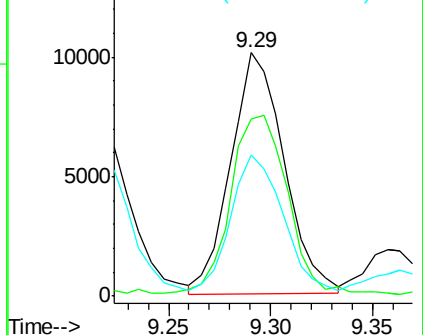
41 100

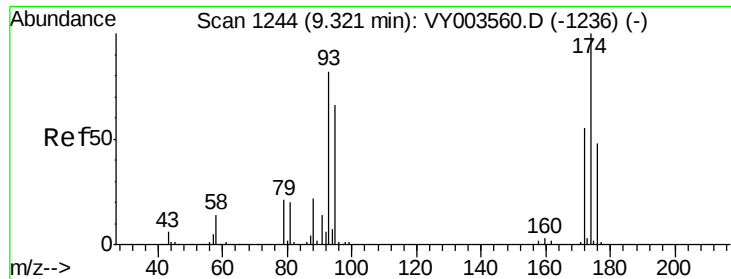
69 78.9 68.6 102.8

39 58.9 48.8 73.2



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

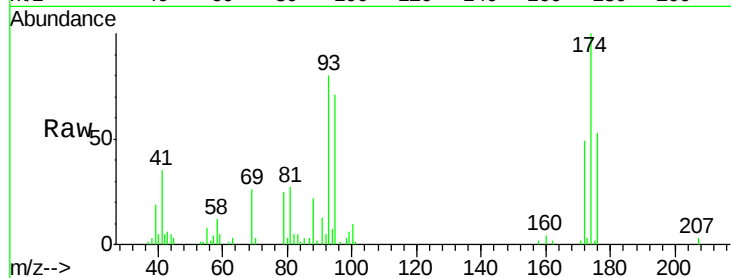




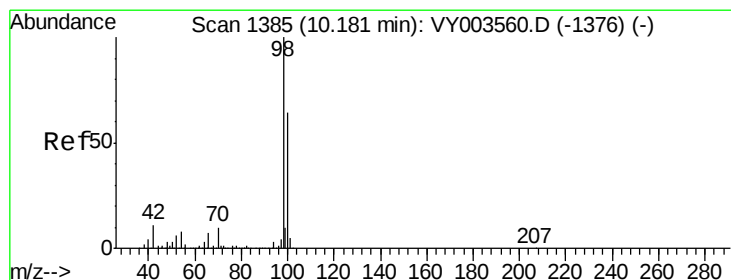
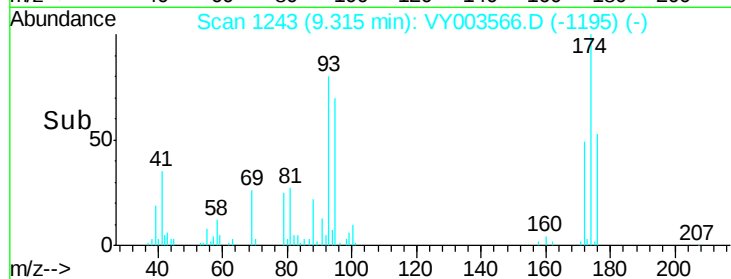
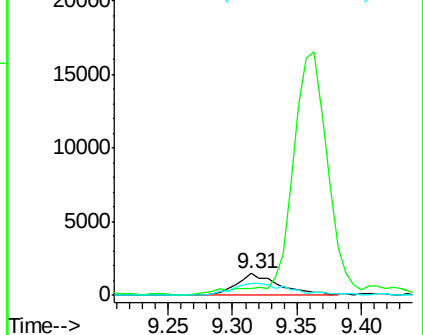
#49
1,4-Dioxane
Concen: 457.578 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 3426
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.5 50.9 76.3#

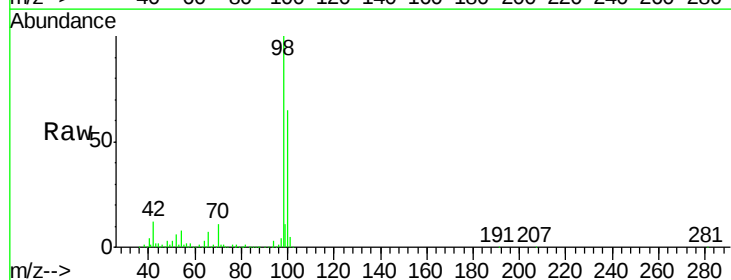


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

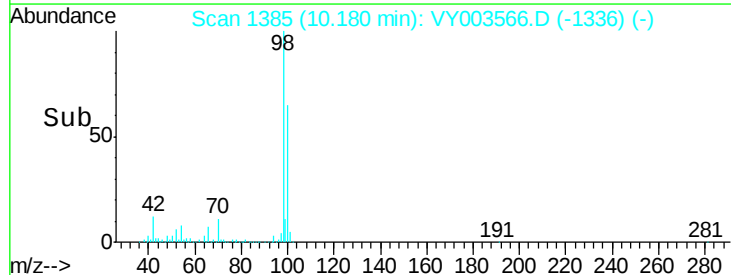
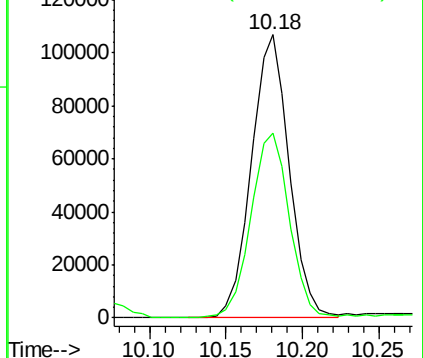


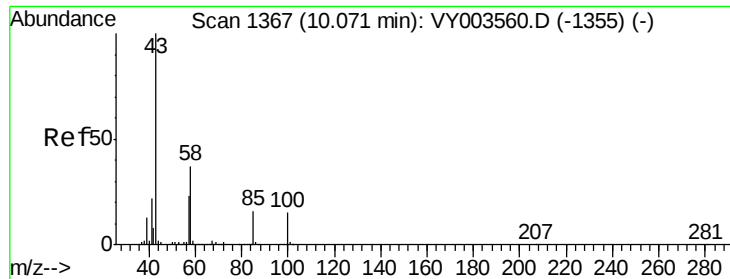
#50
Toluene-d8
Concen: 45.244 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 98 Resp: 183434
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 93.412 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

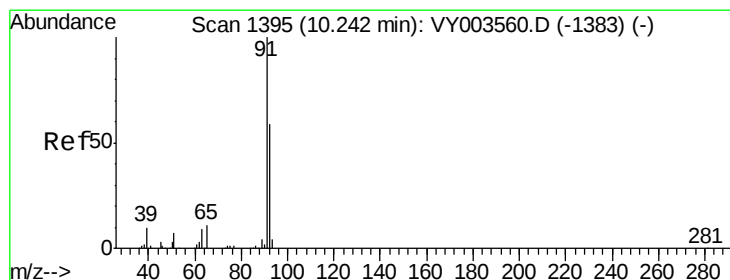
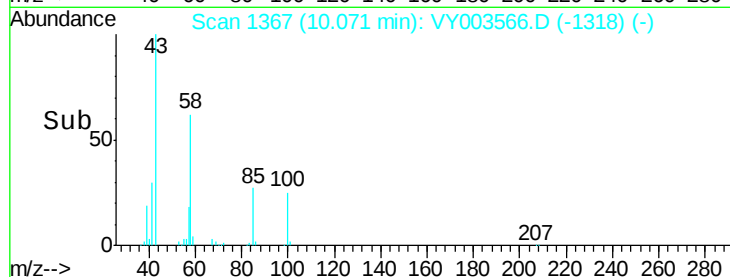
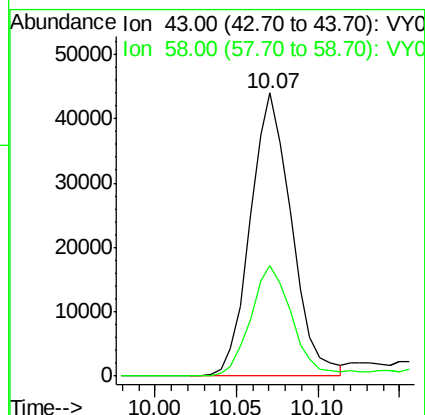
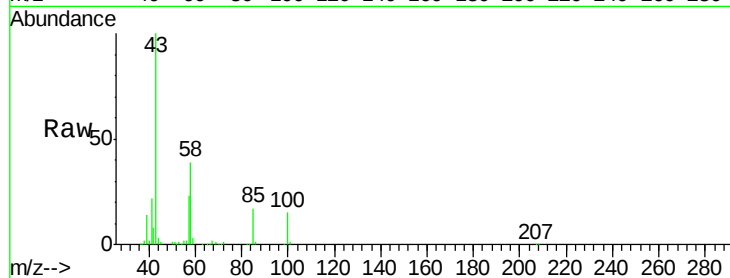
ClientSampleId :

Tot Ion: 43 Resp: 77356

Ion Ratio Lower Upper

43 100

58 38.9 29.8 44.8



#52

Toluene

Concen: 19.960 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003566.D

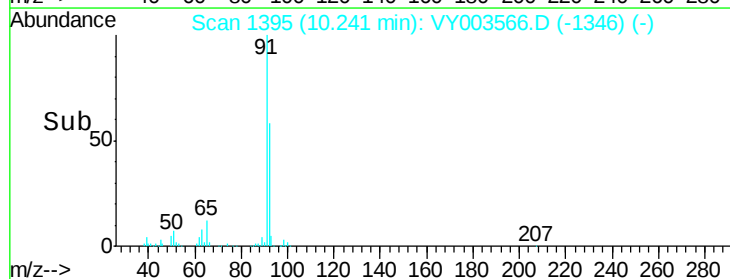
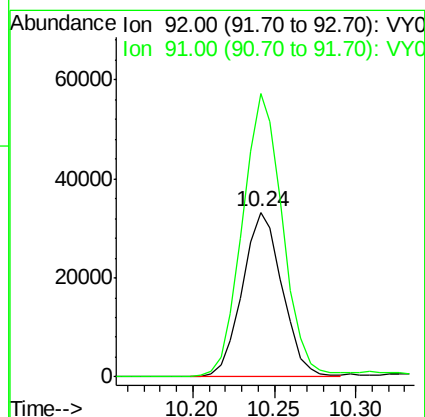
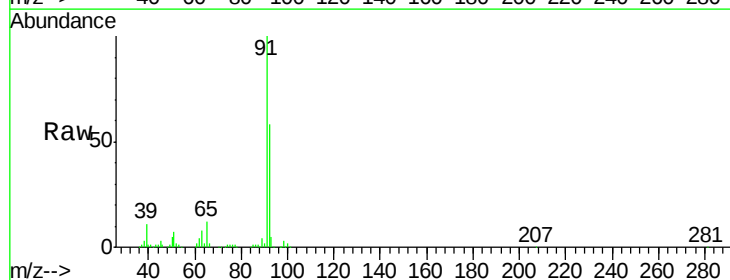
Acq: 20 Nov 2020 14:42

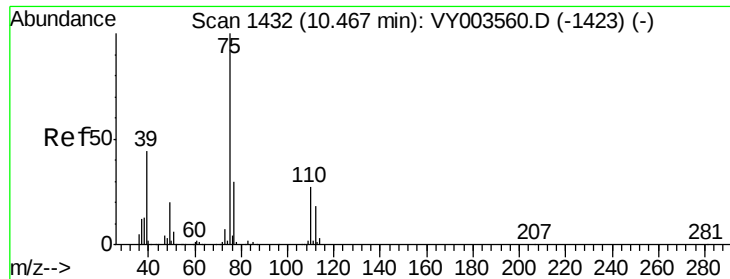
Tgt Ion: 92 Resp: 56571

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 21.170 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

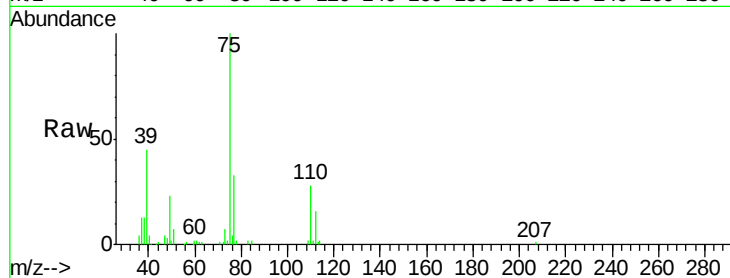
ClientSampleId :

Tot Ion: 75 Resp: 34390

Ion Ratio Lower Upper

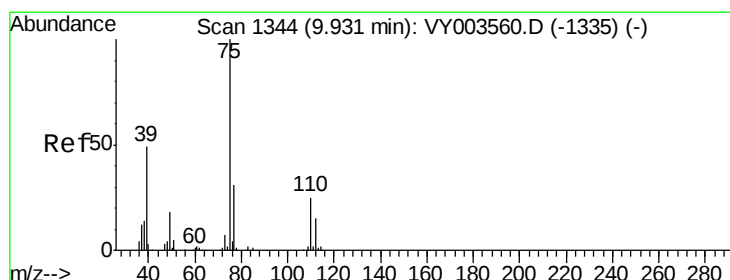
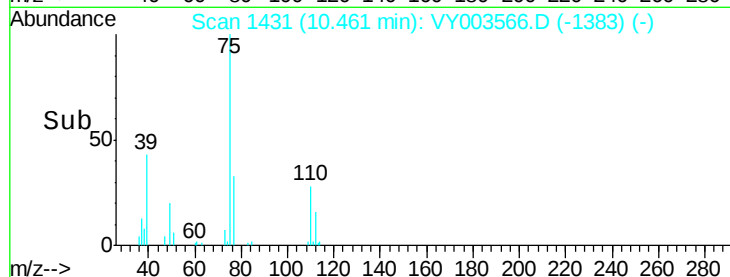
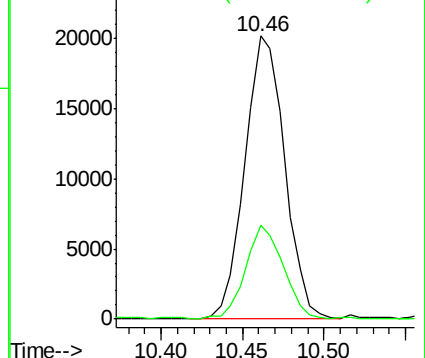
75 100

77 33.2 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.576 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

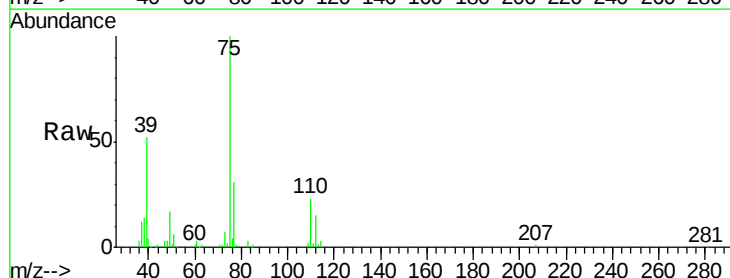
Tgt Ion: 75 Resp: 38044

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8

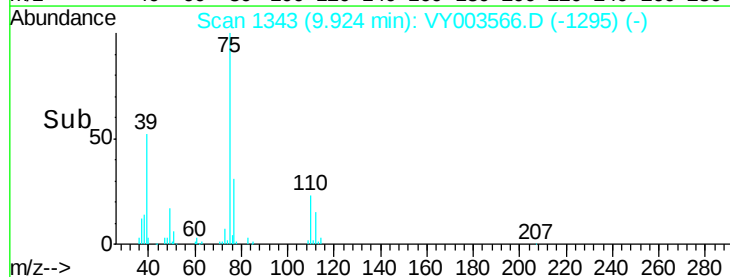
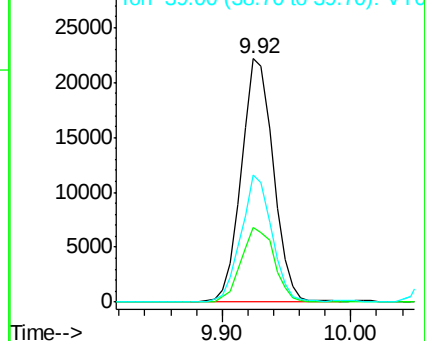
39 51.9 38.9 58.3

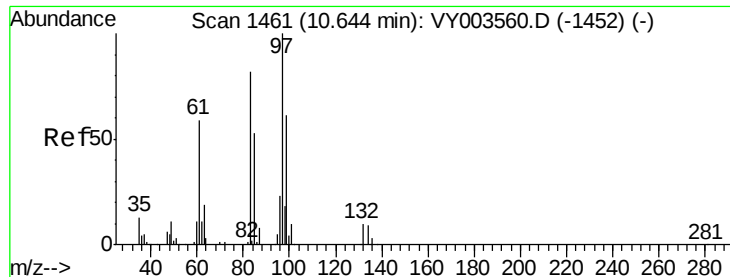


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

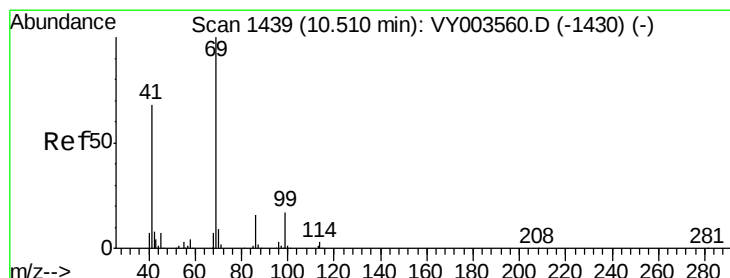
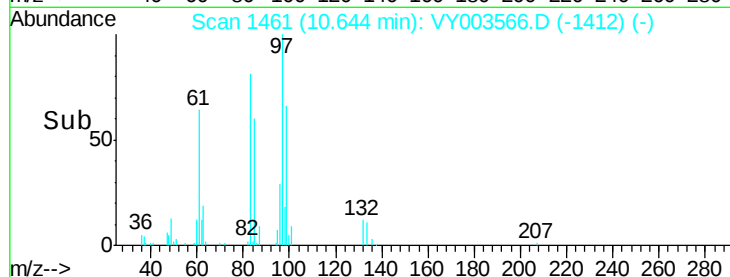
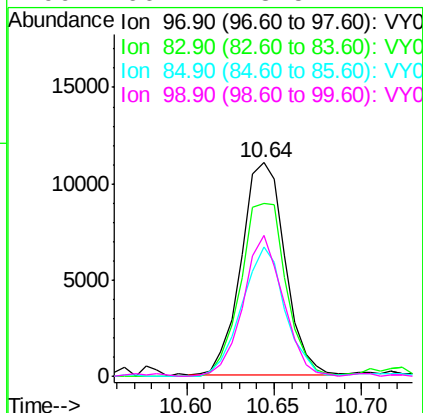
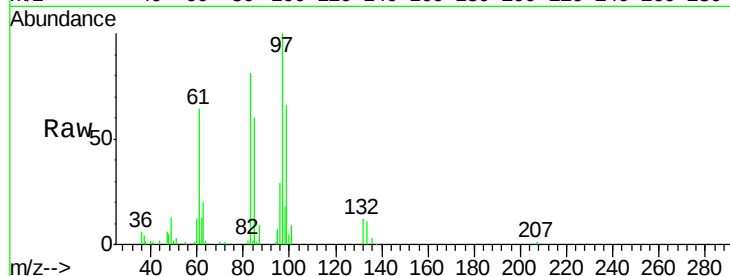




#55
 1,1,2-Trichloroethane
 Concen: 20.906 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

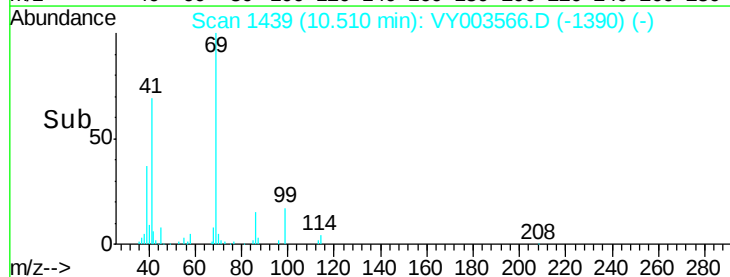
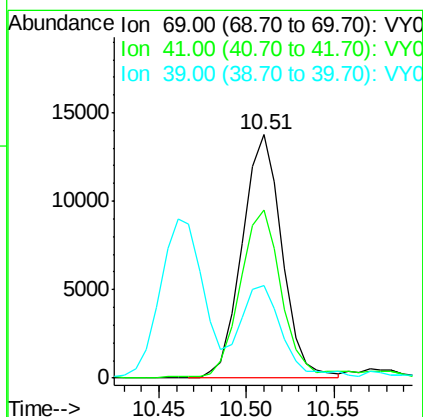
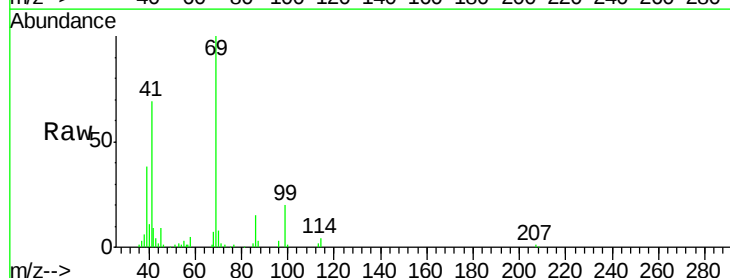
Instrument :
 MSVOA_Y
 ClientSampleId :

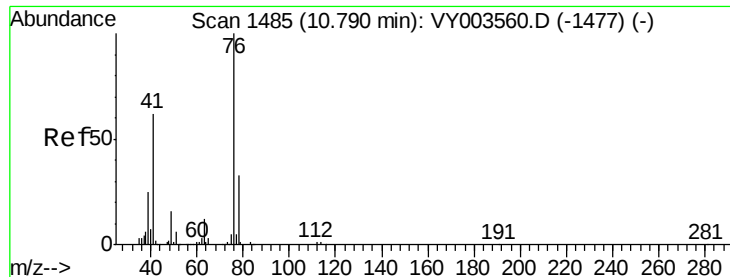
Tot Ion:	97	Resp:	19377
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.2	97.8
85	60.8	42.4	63.6
99	66.4	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 19.377 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion:	69	Resp:	21825
Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.4	83.0
39	40.3	30.2	45.2





#57

1,3-Dichloropropane

Concen: 21.298 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

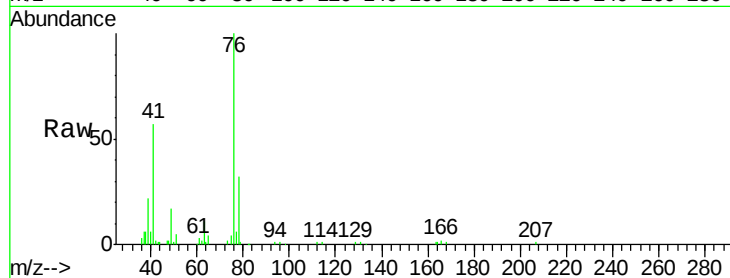
ClientSampleId :

Tot Ion: 76 Resp: 33411

Ion Ratio Lower Upper

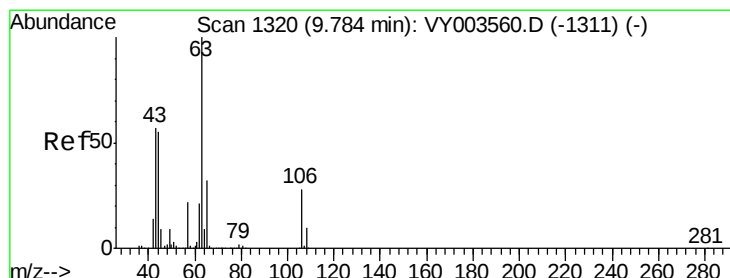
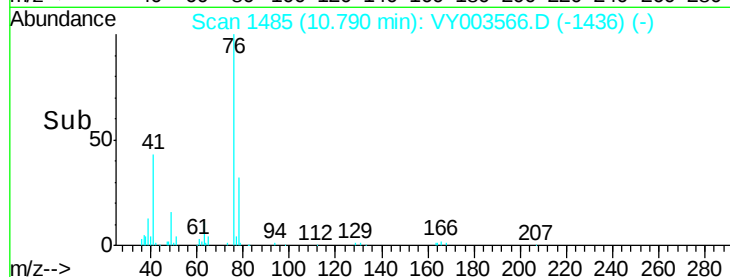
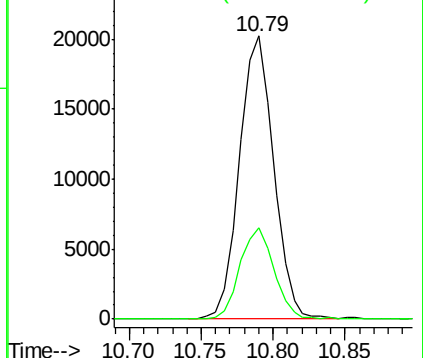
76 100

78 32.1 26.0 39.0



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: 114.034 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003566.D

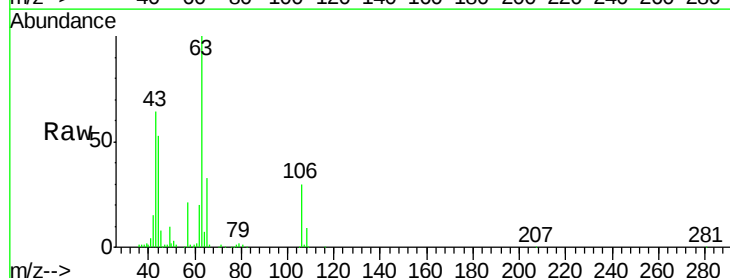
Acq: 20 Nov 2020 14:42

Tgt Ion: 63 Resp: 65915

Ion Ratio Lower Upper

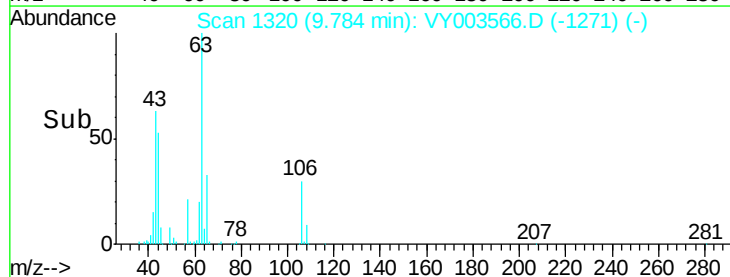
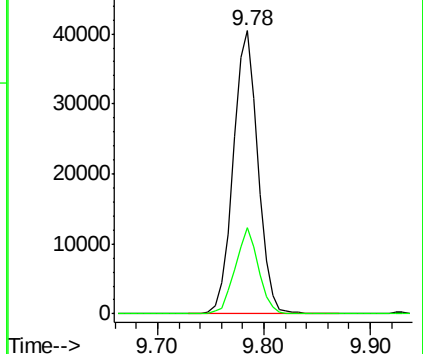
63 100

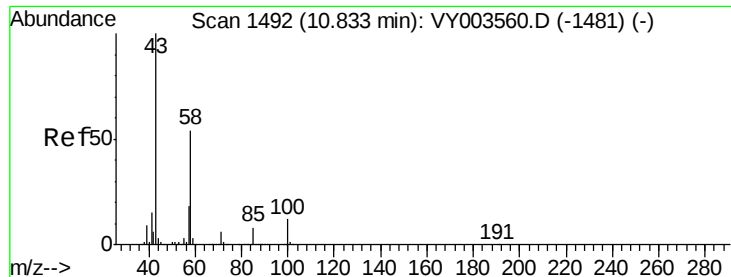
106 28.8 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

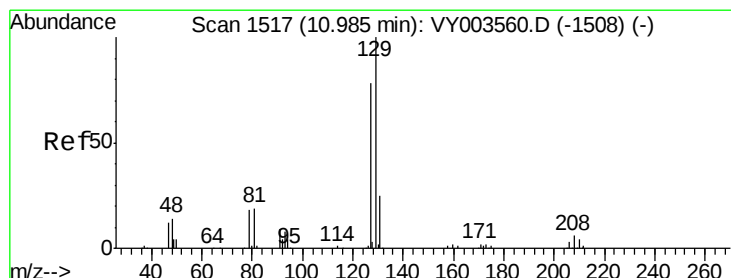
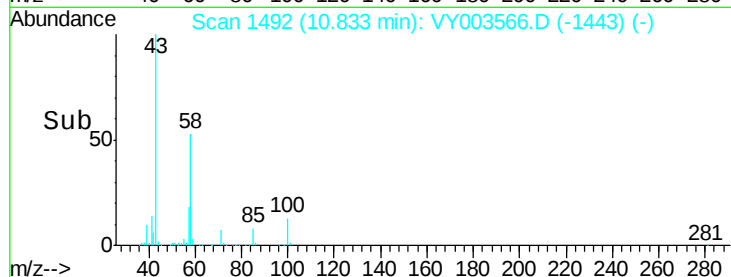
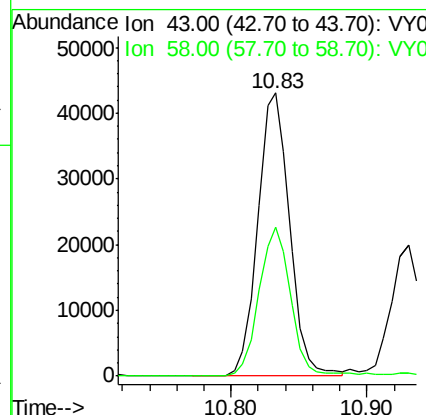
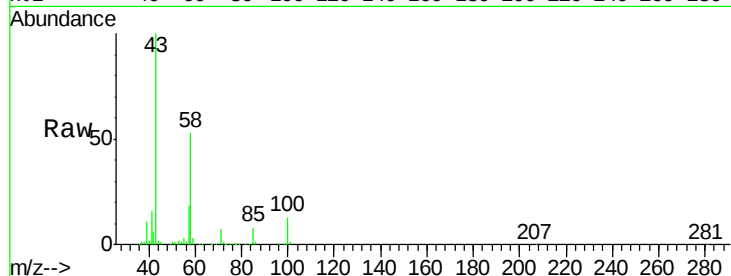




#59
2-Hexanone
Concen: 103.803 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

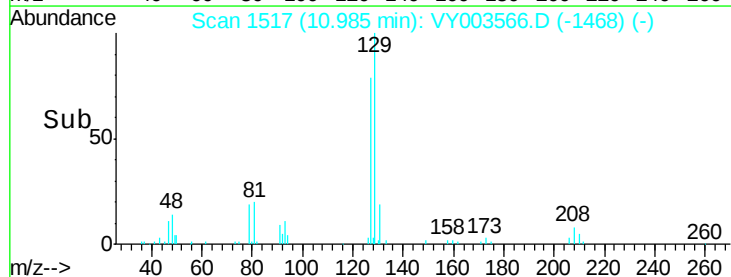
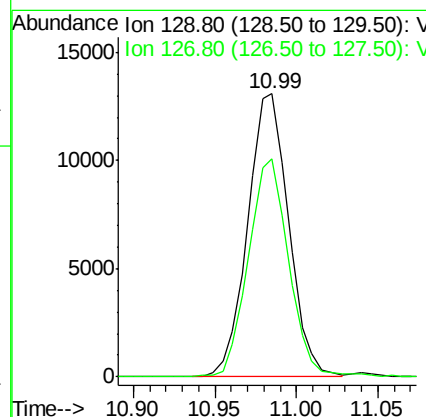
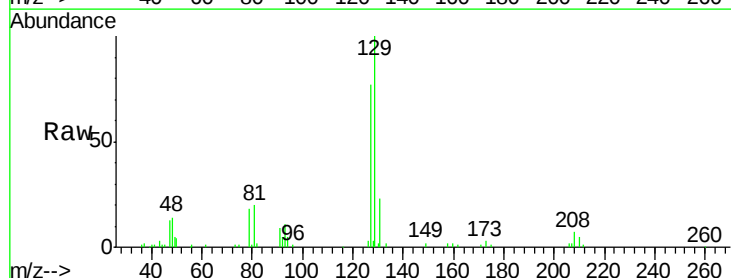
Instrument :
MSVOA_Y
ClientSampleId :

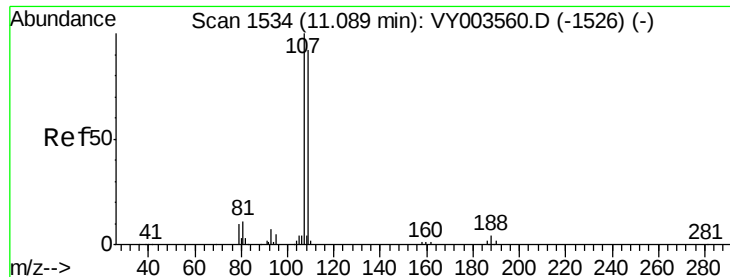
Tot Ion: 43 Resp: 70862
Ion Ratio Lower Upper
43 100
58 52.7 26.7 80.1



#60
Dibromochloromethane
Concen: 20.434 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 129 Resp: 22900
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7

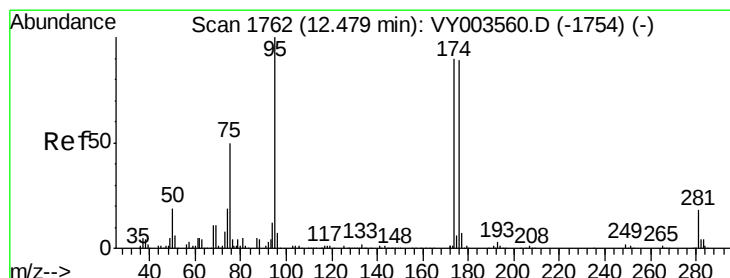
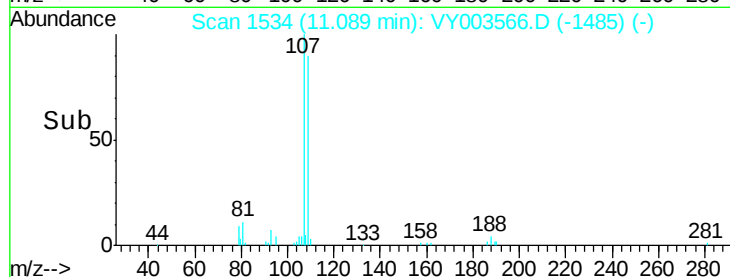
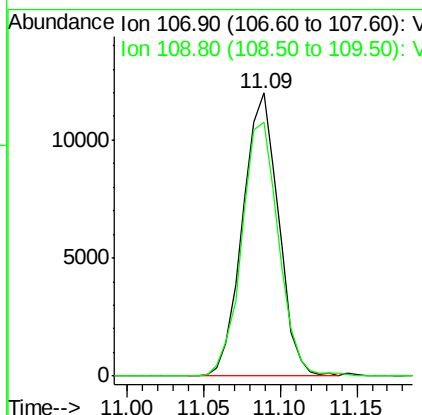
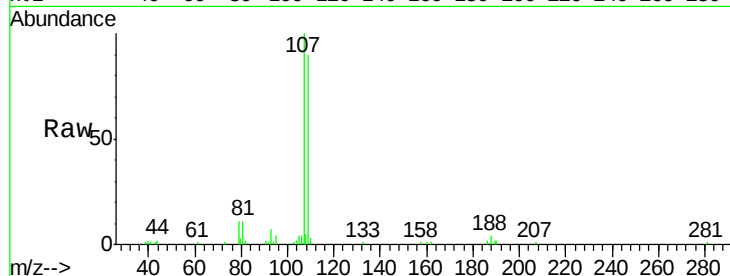




#61
 1,2-Dibromoethane
 Concen: 21.885 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

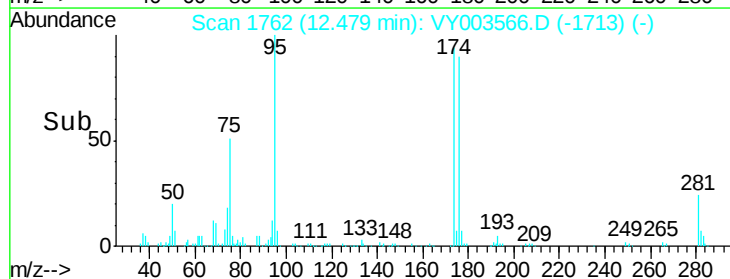
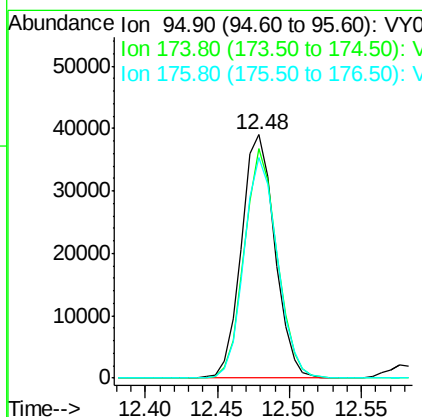
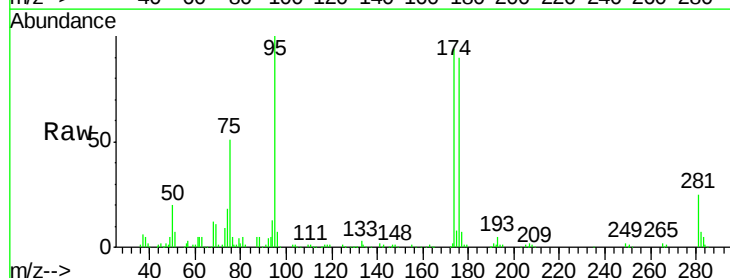
Instrument :
 MSVOA_Y
 ClientSampled :

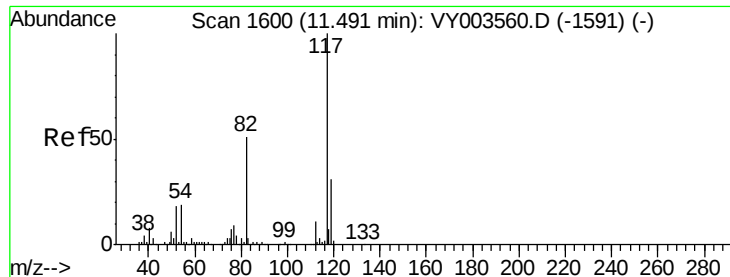
Tot Ion: 107 Resp: 19547
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.693 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion: 95 Resp: 62651
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 184.0
 176 90.3 0.0 180.4

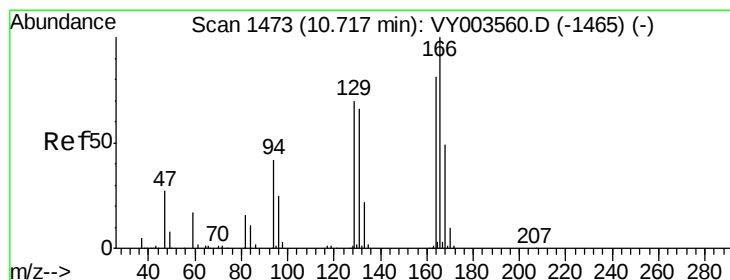
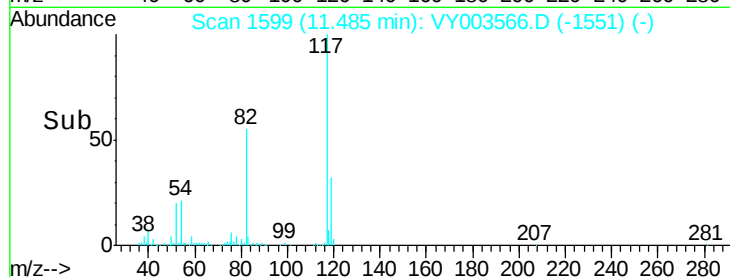
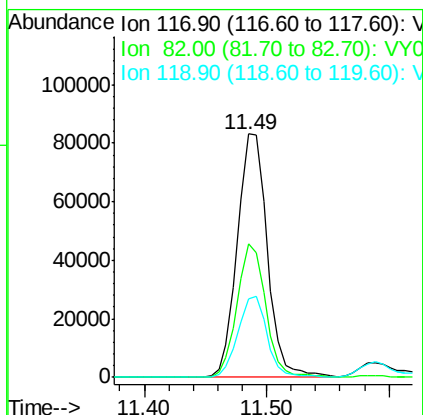
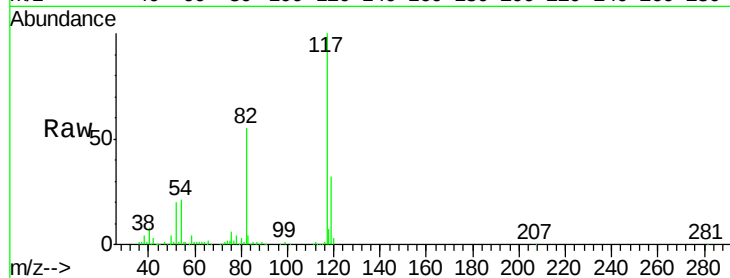




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

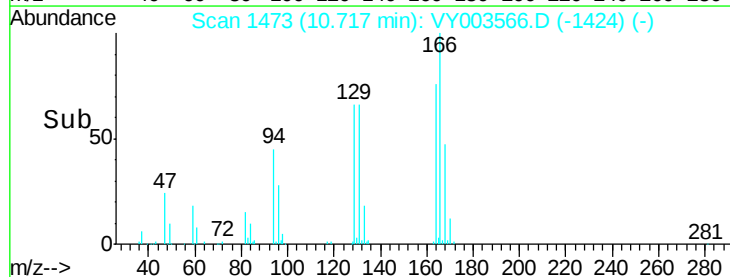
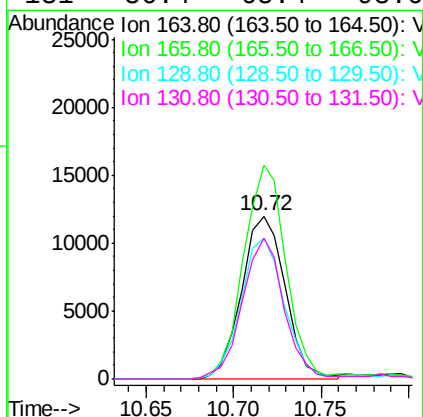
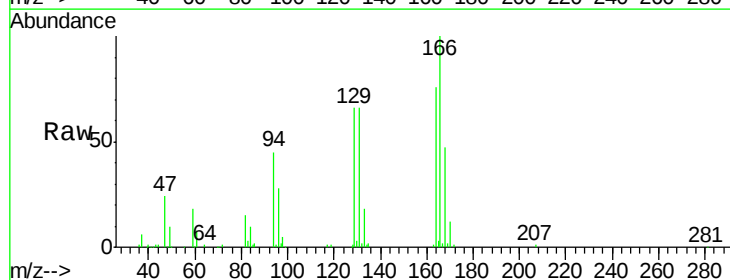
Instrument :
MSVOA_Y
ClientSampleId :

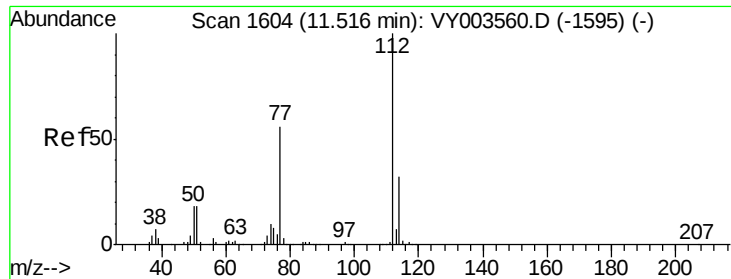
Tot Ion:117 Resp: 141929
Ion Ratio Lower Upper
117 100
82 54.9 41.0 61.6
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 19.538 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:164 Resp: 20713
Ion Ratio Lower Upper
164 100
166 131.3 99.0 148.4
129 86.5 69.1 103.7
131 86.4 65.4 98.0

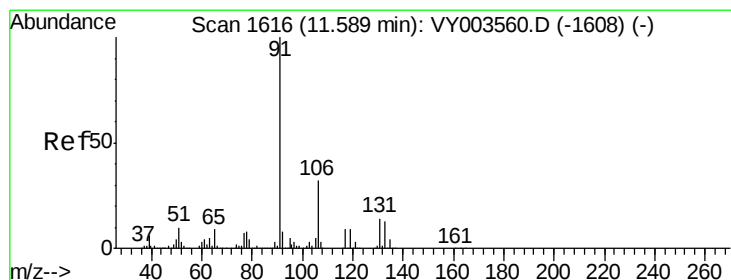
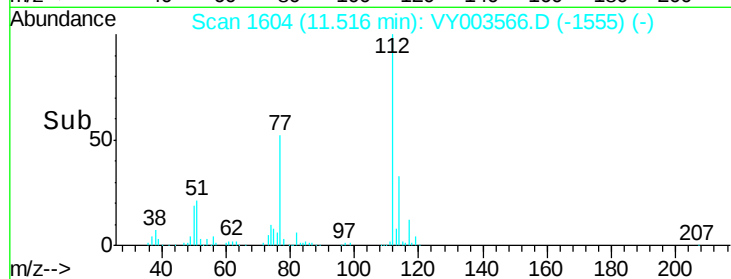
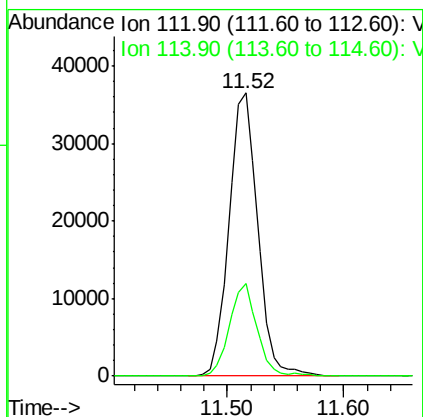
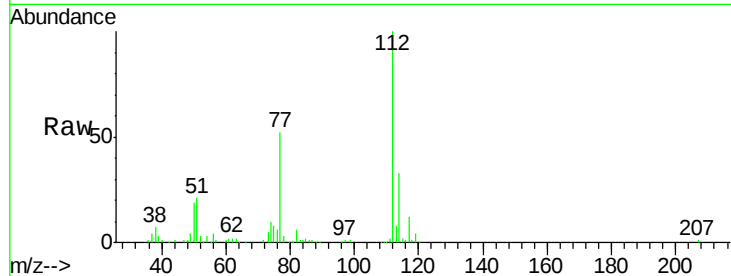




#65
Chlorobenzene
Concen: 20.379 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

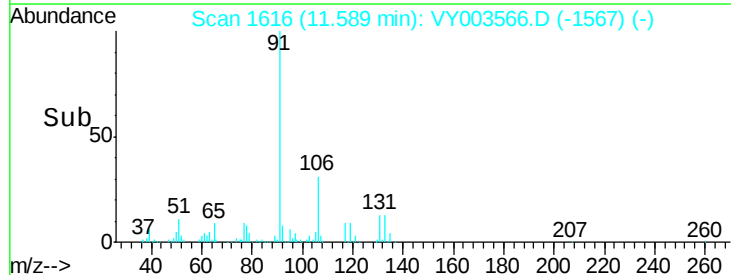
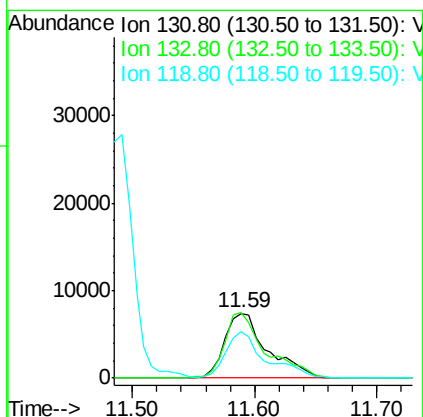
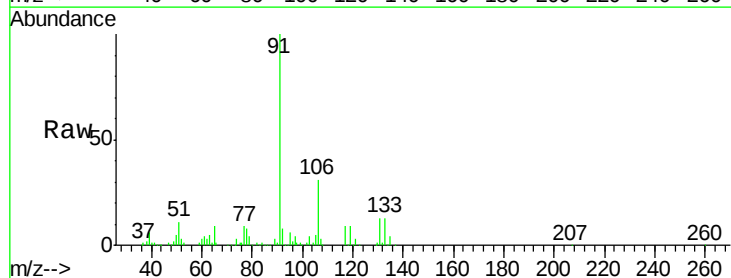
Instrument :
MSVOA_Y
ClientSampleId :

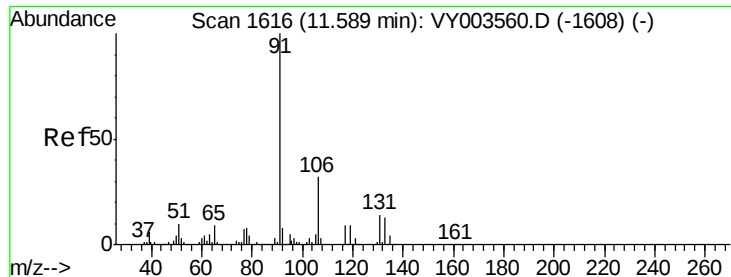
Tot Ion:112 Resp: 62576
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.326 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:131 Resp: 17910
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 66.6 32.6 97.7





#67

Ethyl Benzene

Concen: 19.324 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

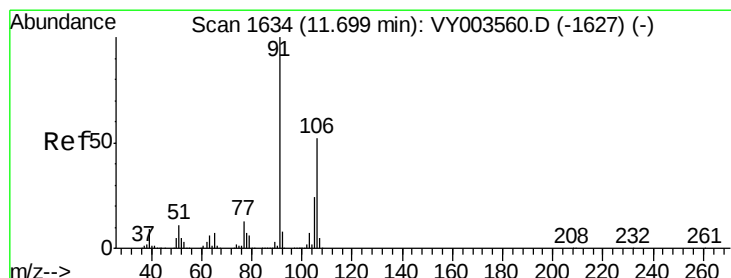
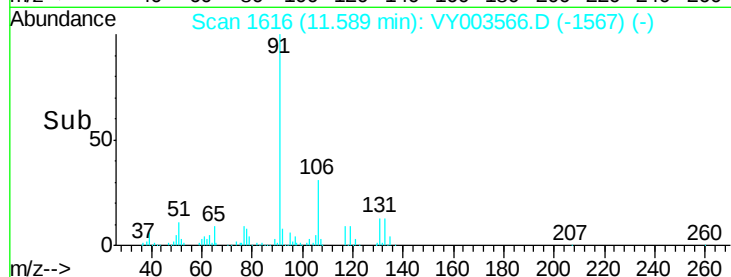
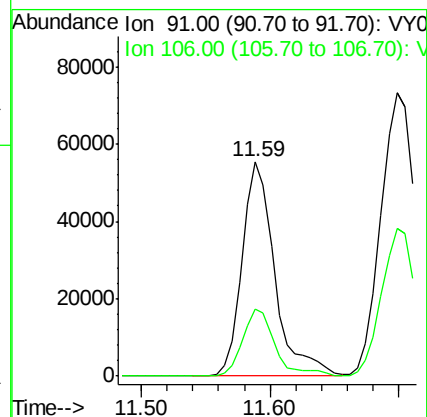
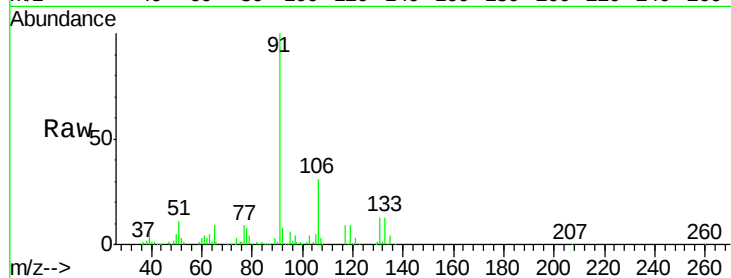
ClientSampled :

Tot Ion: 91 Resp: 97231

Ion Ratio Lower Upper

91 100

106 31.5 25.6 38.4



#68

m/p-Xylenes

Concen: 39.251 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003566.D

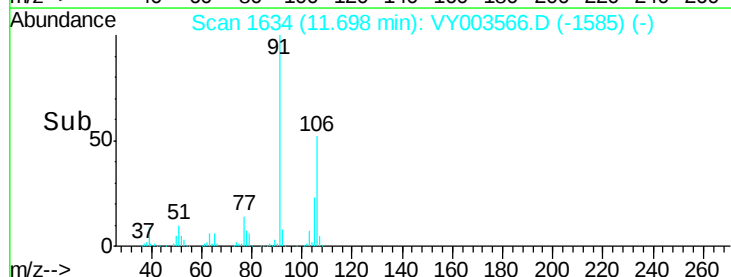
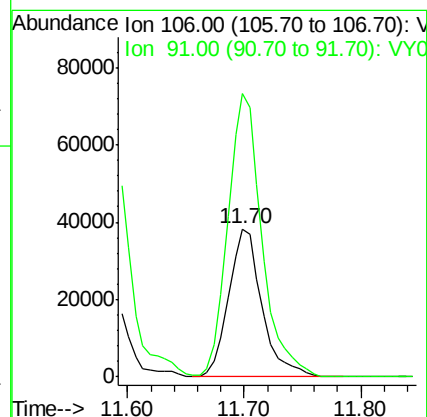
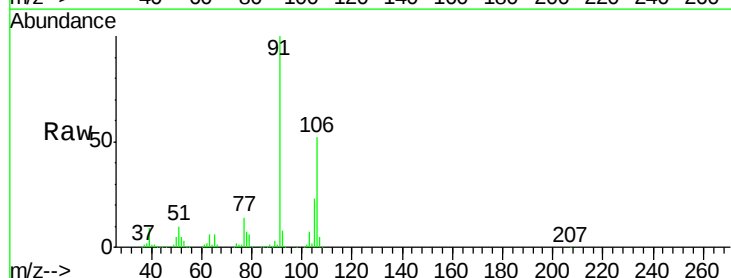
Acq: 20 Nov 2020 14:42

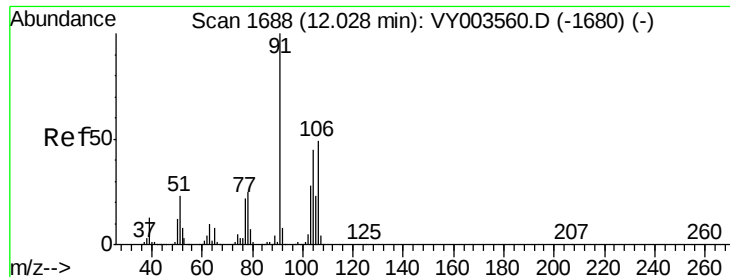
Tgt Ion: 106 Resp: 75625

Ion Ratio Lower Upper

106 100

91 195.7 154.2 231.4

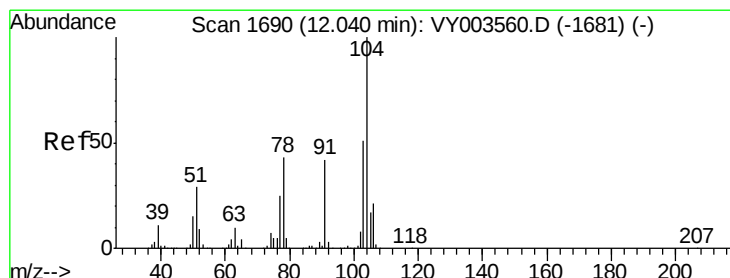
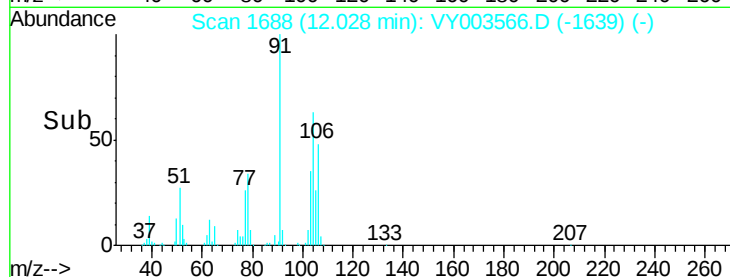
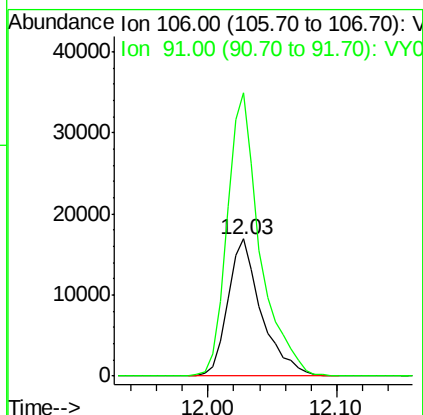
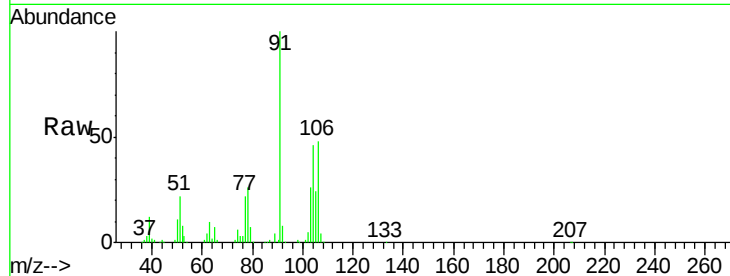




#69
o-Xylene
Concen: 19.990 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

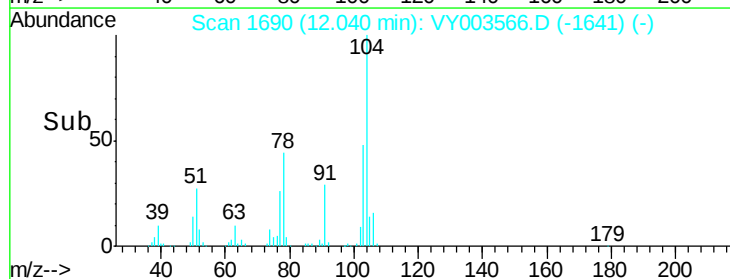
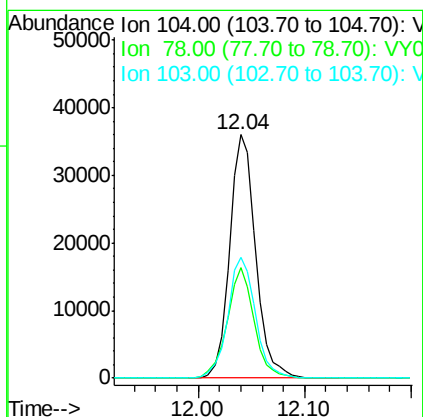
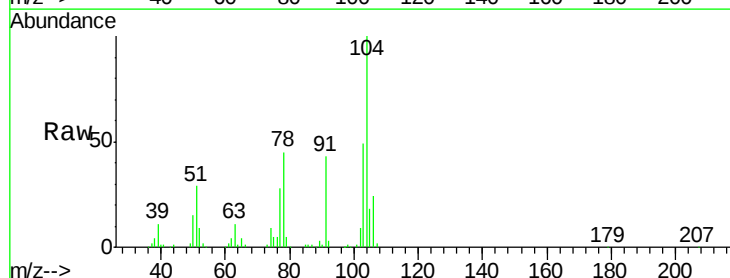
Instrument :
MSVOA_Y
ClientSampleId :

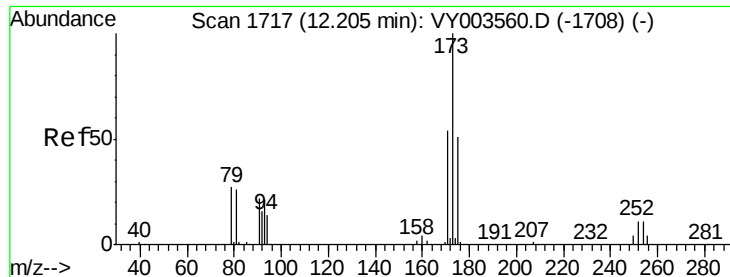
Tot Ion:106 Resp: 30809
Ion Ratio Lower Upper
106 100
91 201.9 103.1 309.1



#70
Styrene
Concen: 19.864 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:104 Resp: 61701
Ion Ratio Lower Upper
104 100
78 46.7 36.6 54.8
103 52.6 43.6 65.4

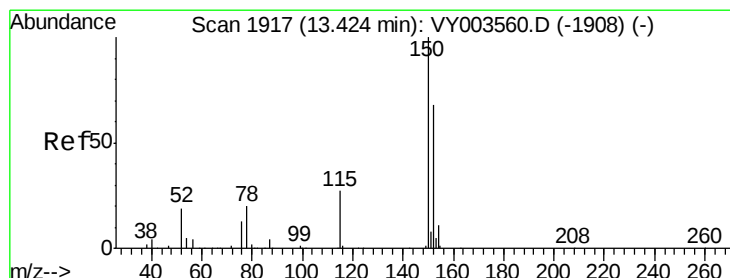
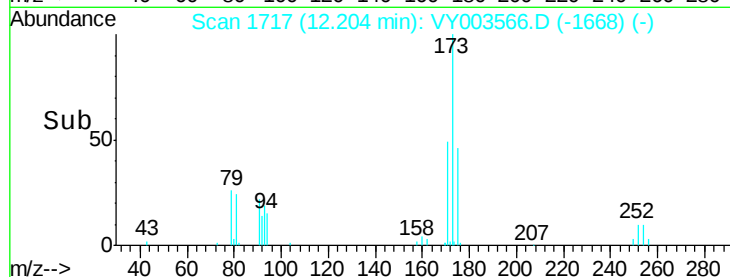
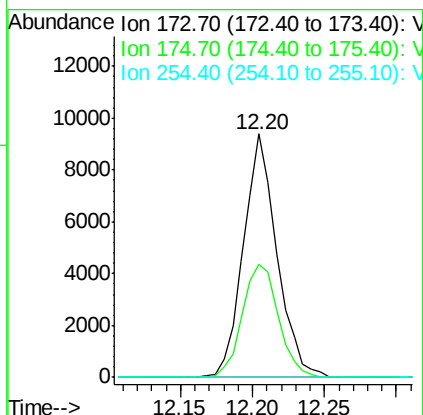
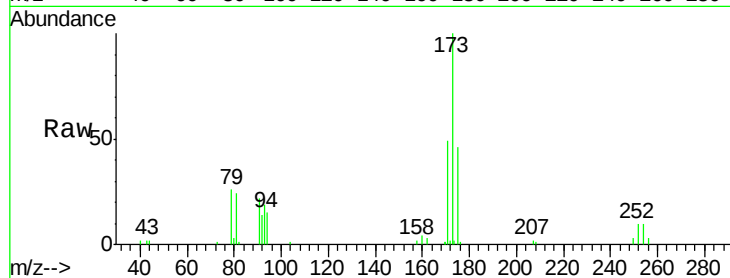




#71
Bromoform
Concen: 21.220 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

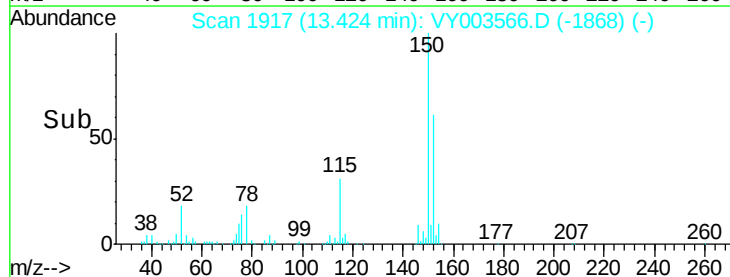
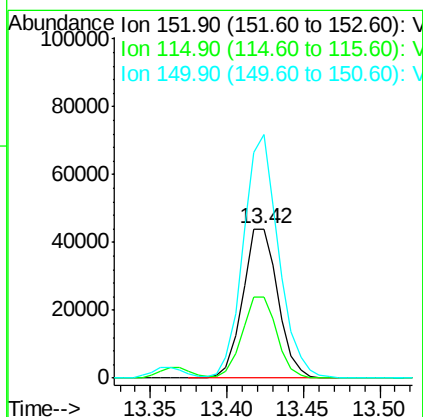
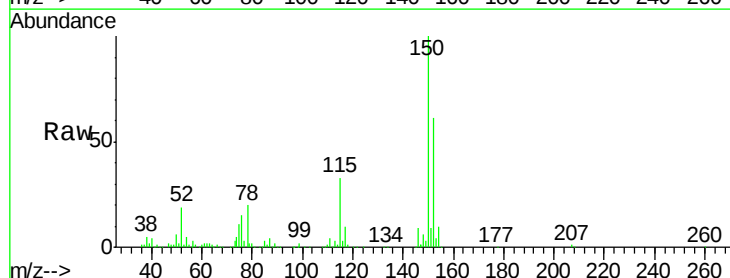
Instrument :
MSVOA_Y
ClientSampleId :

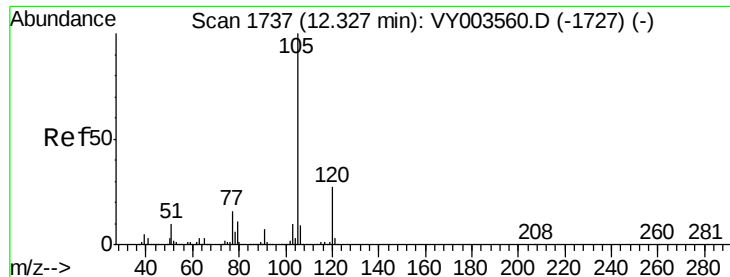
Tot Ion:173 Resp: 15099
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:152 Resp: 70077
Ion Ratio Lower Upper
152 100
115 53.6 27.4 82.0
150 163.7 0.0 349.6





#73

Isopropylbenzene

Concen: 19.127 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

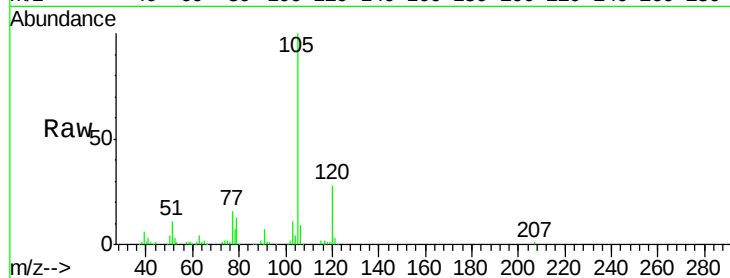
ClientSampleId :

Tot Ion:105 Resp: 66766

Ion Ratio Lower Upper

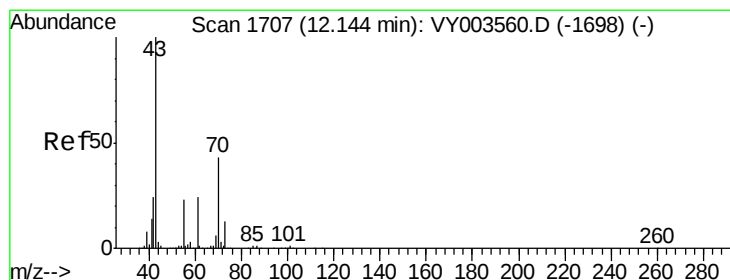
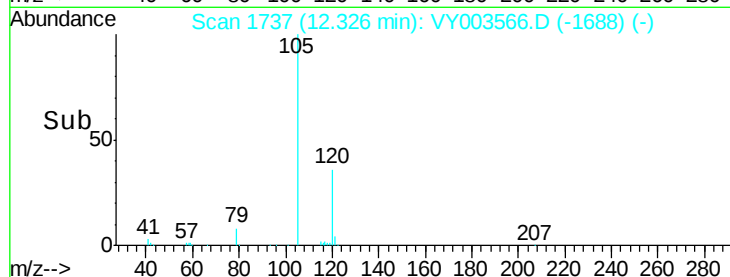
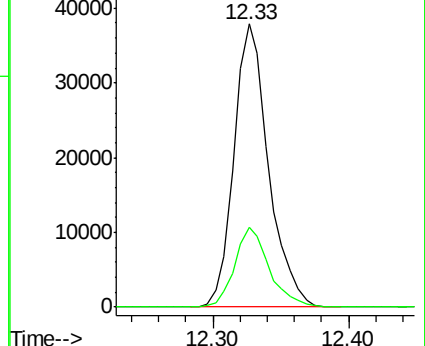
105 100

120 28.0 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.148 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion: 43 Resp: 27852

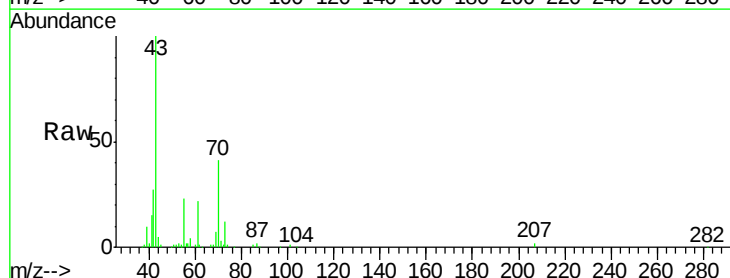
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.4

55 24.0 18.6 28.0

61 21.5 18.6 28.0

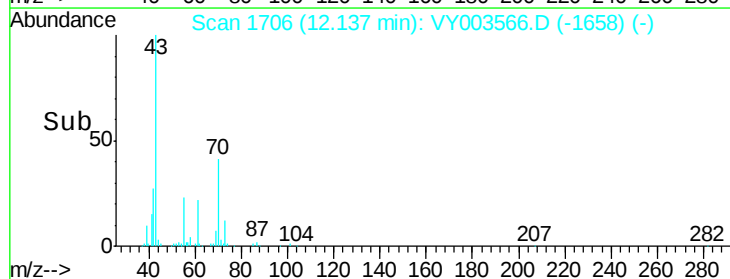
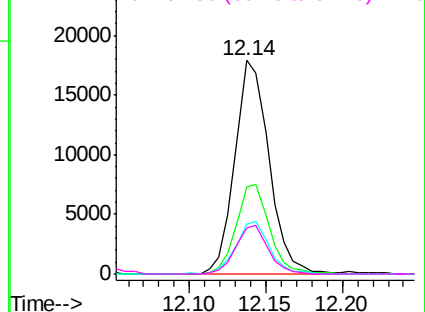


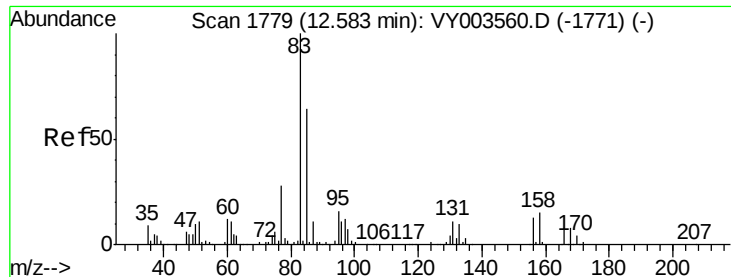
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.386 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

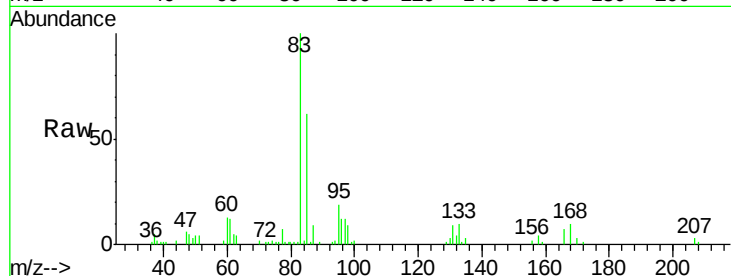
Tot Ion: 83 Resp: 20773

Ion Ratio Lower Upper

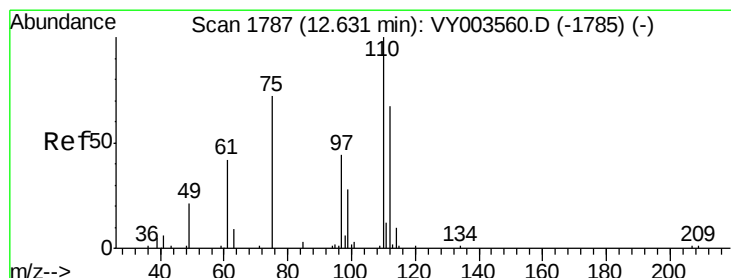
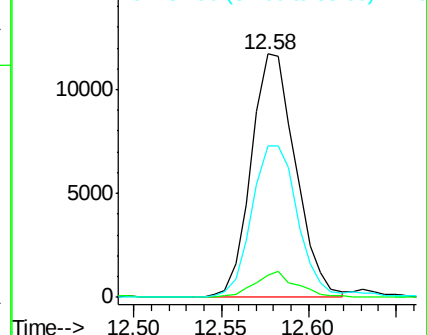
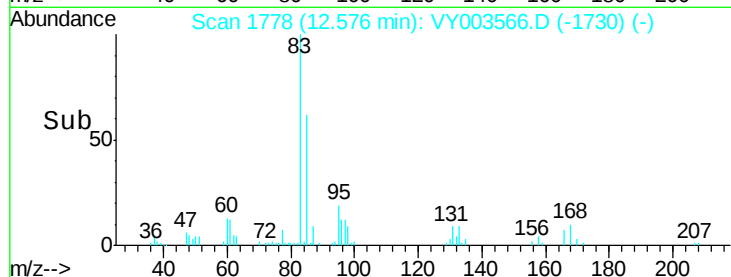
83 100

131 9.9 5.2 15.6

85 65.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY003566.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 43.295 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003566.D

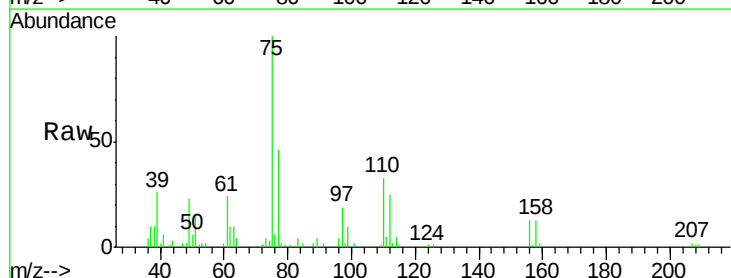
Acq: 20 Nov 2020 14:42

Tgt Ion: 75 Resp: 29414

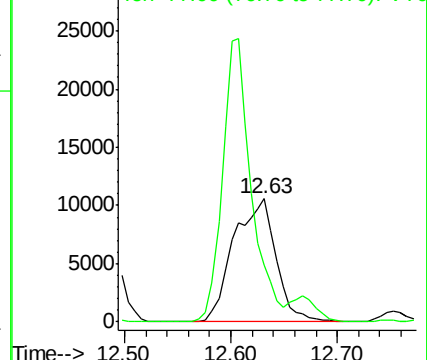
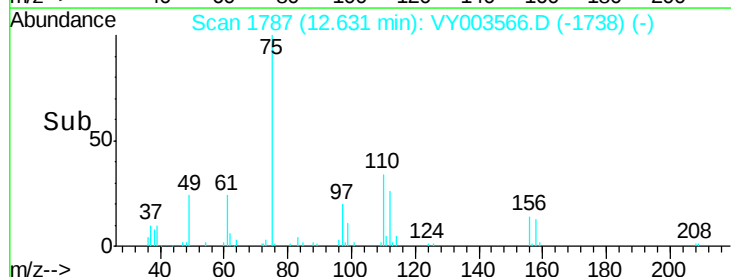
Ion Ratio Lower Upper

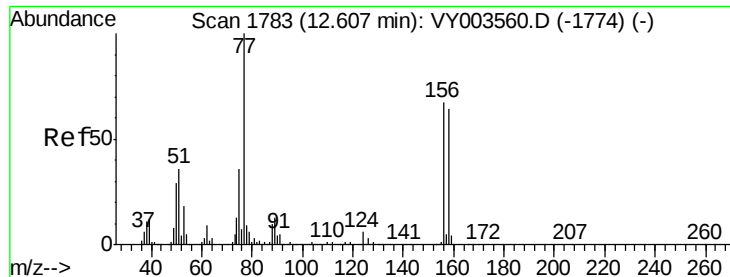
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003566.D (-1738) (-)





#77

Bromobenzene

Concen: 20.395 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

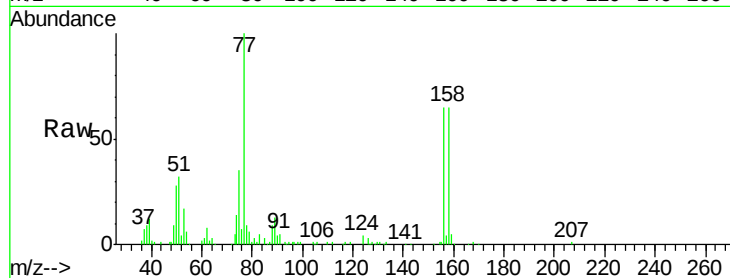
Tot Ion:156 Resp: 26193

Ion Ratio Lower Upper

156 100

77 174.0 85.7 257.1

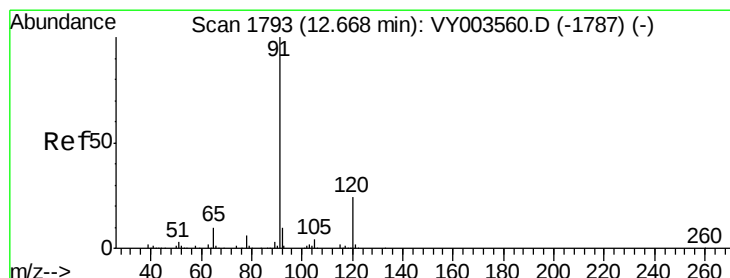
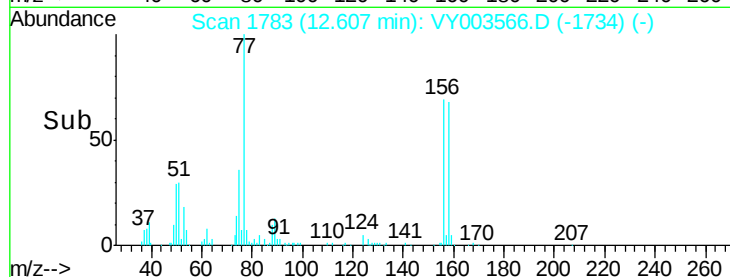
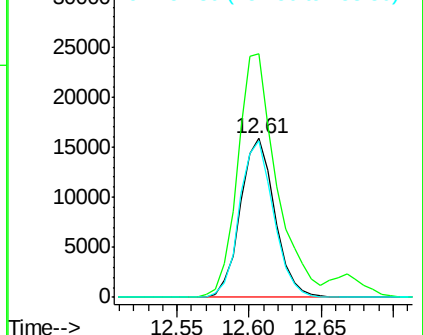
158 97.5 48.8 146.4



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: 19.213 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003566.D

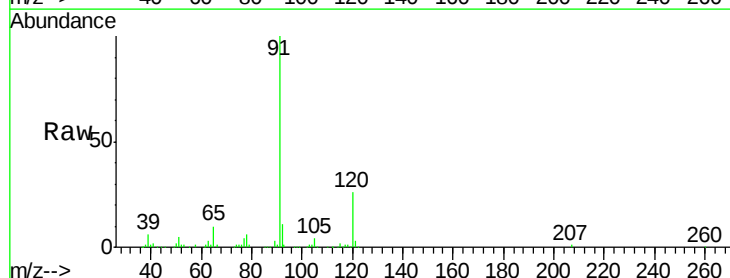
Acq: 20 Nov 2020 14:42

Tgt Ion: 91 Resp: 94218

Ion Ratio Lower Upper

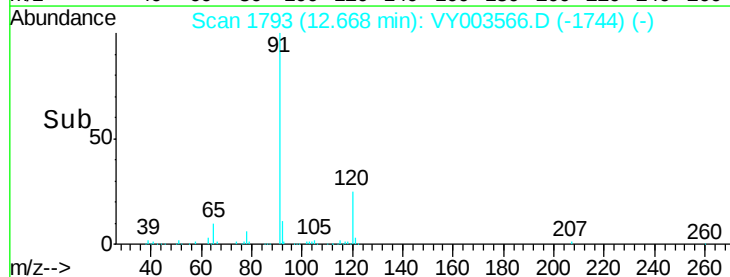
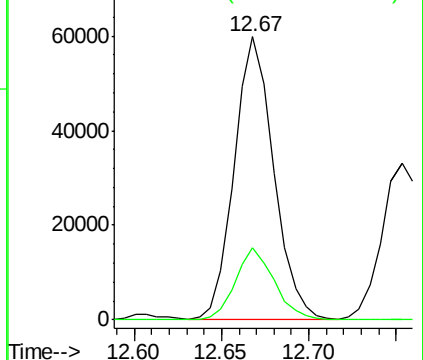
91 100

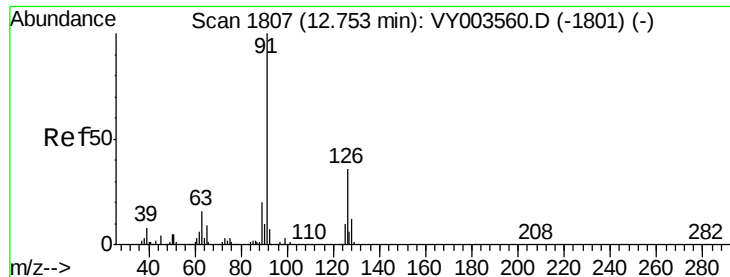
120 24.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

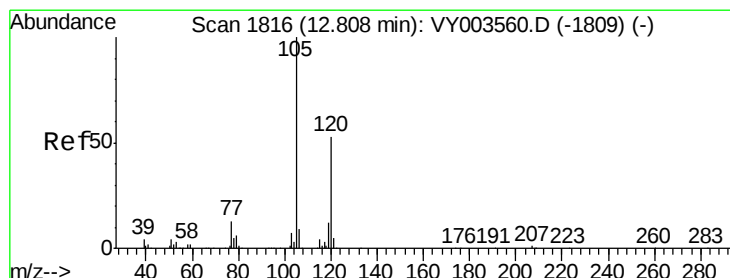
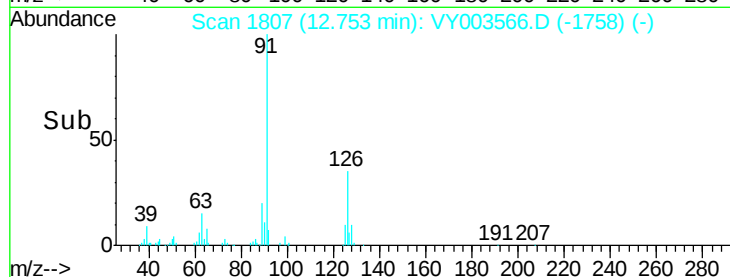
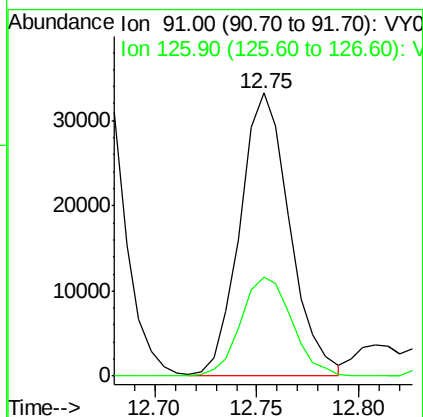
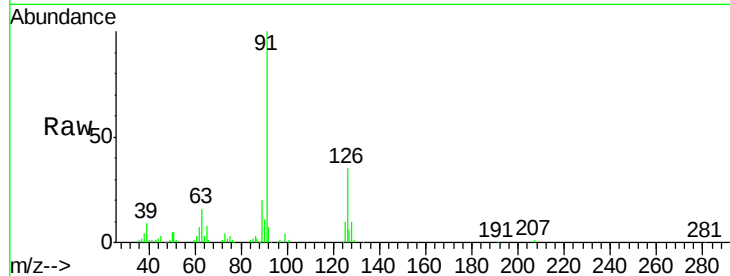




#79
2-Chlorotoluene
Concen: 19.962 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

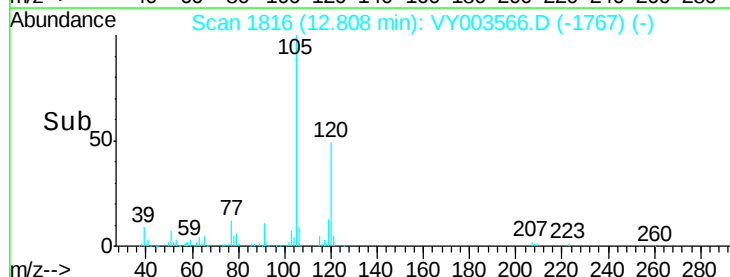
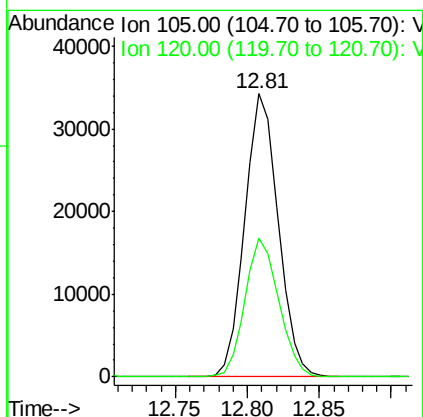
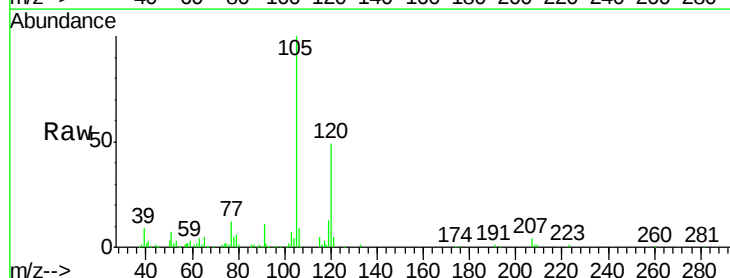
Instrument :
MSVOA_Y
ClientSampleId :

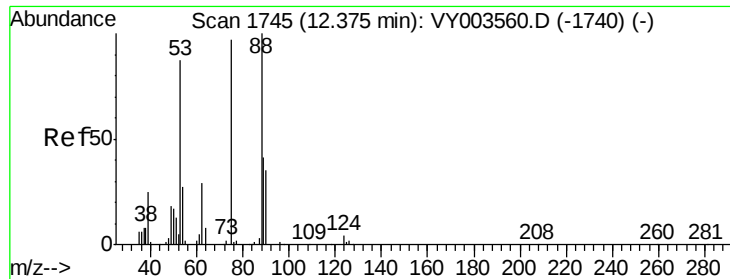
Tot Ion: 91 Resp: 56506
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3



#80
1,3,5-Trimethylbenzene
Concen: 21.013 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:105 Resp: 55128
Ion Ratio Lower Upper
105 100
120 49.6 26.3 78.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.733 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

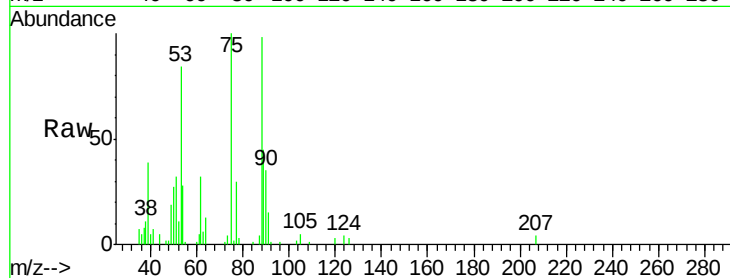
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 9288

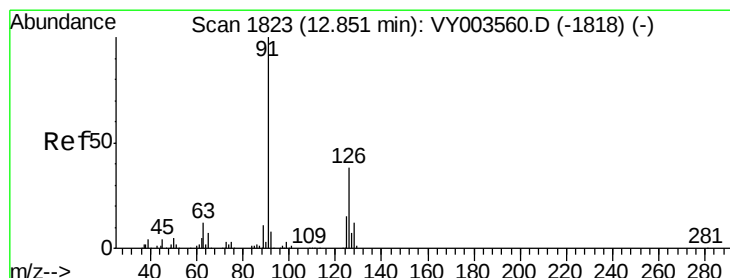
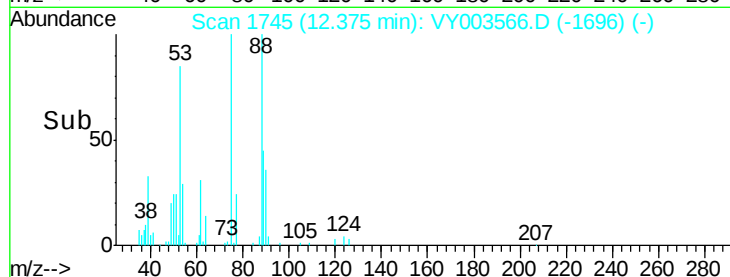
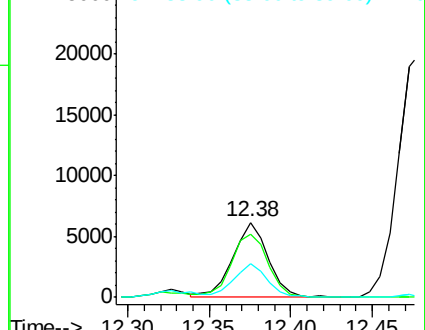
Ion	Ratio	Lower	Upper
75	100		
53	88.1	71.4	107.2
89	42.2	34.7	52.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.351 ug/l

RT: 12.85 min Scan# 1823

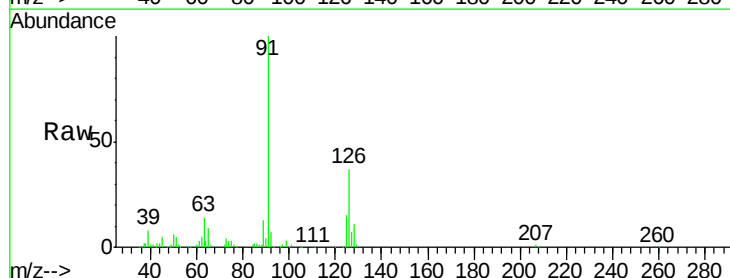
Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

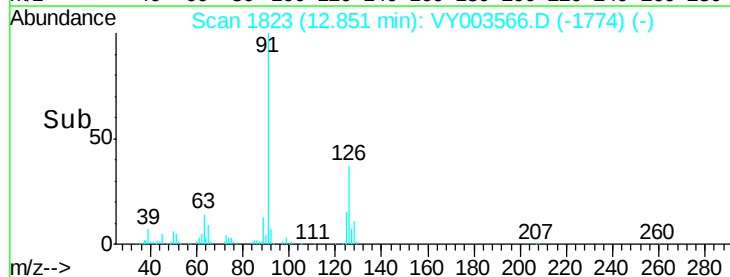
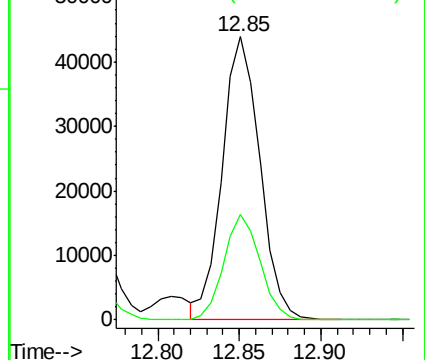
Tgt Ion: 91 Resp: 70581

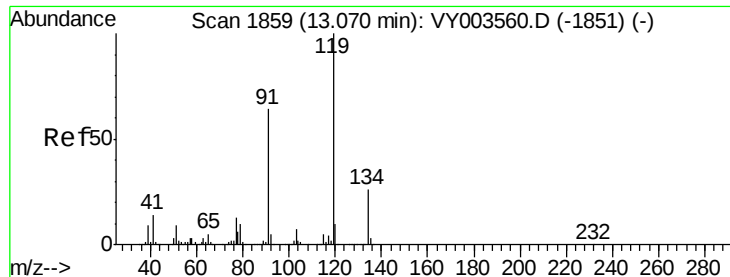
Ion	Ratio	Lower	Upper
91	100		
126	35.7	18.1	54.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.264 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

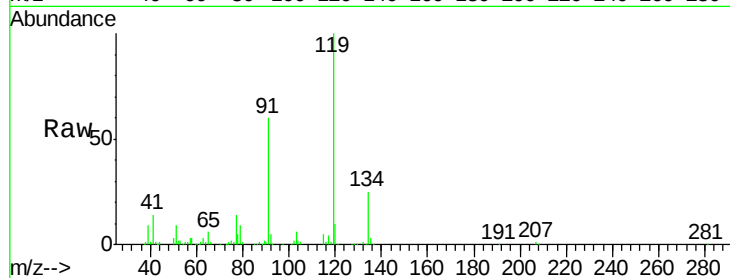
Tot Ion:119 Resp: 53814

Ion Ratio Lower Upper

119 100

91 62.0 31.8 95.3

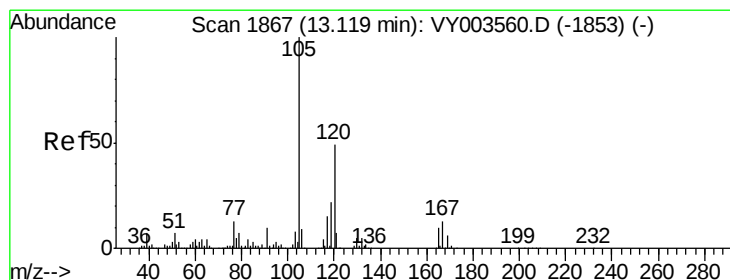
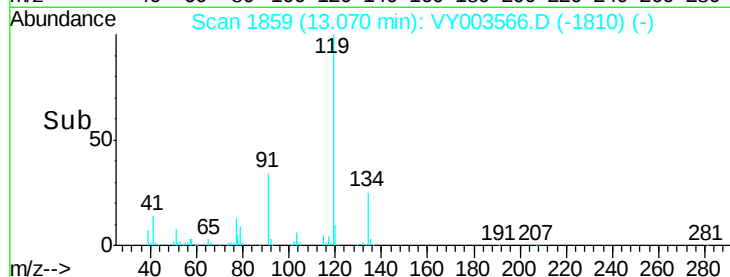
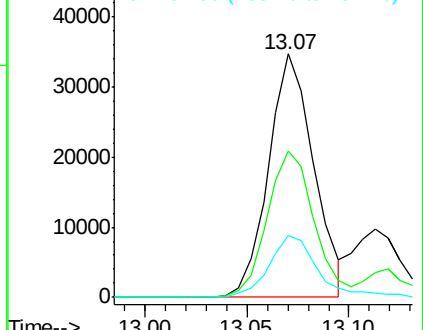
134 27.6 14.1 42.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.799 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003566.D

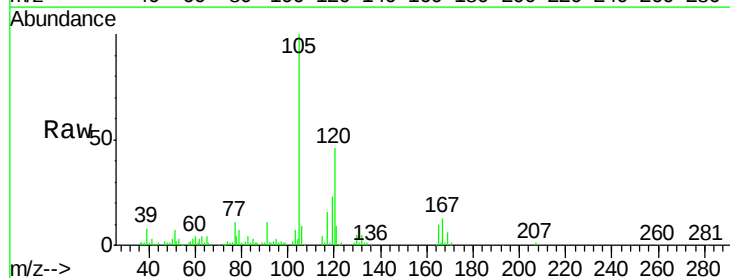
Acq: 20 Nov 2020 14:42

Tgt Ion:105 Resp: 58100

Ion Ratio Lower Upper

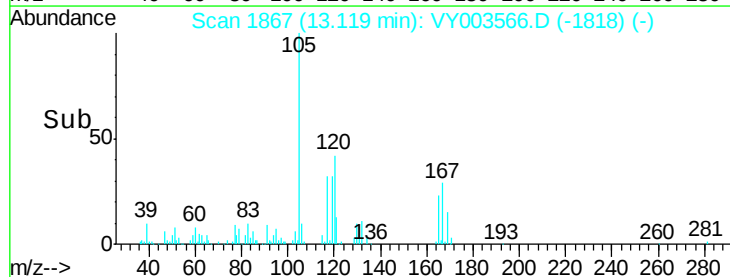
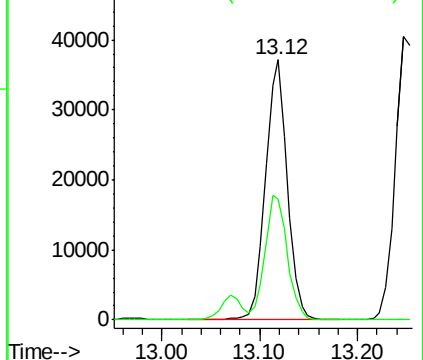
105 100

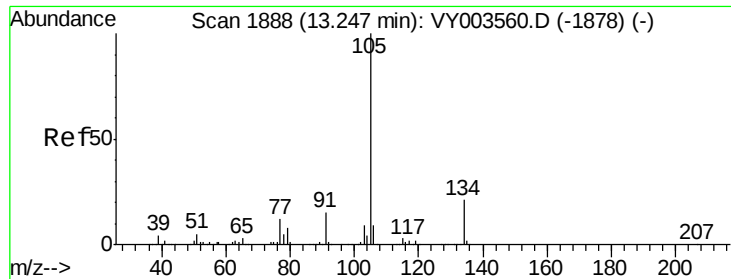
120 48.6 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

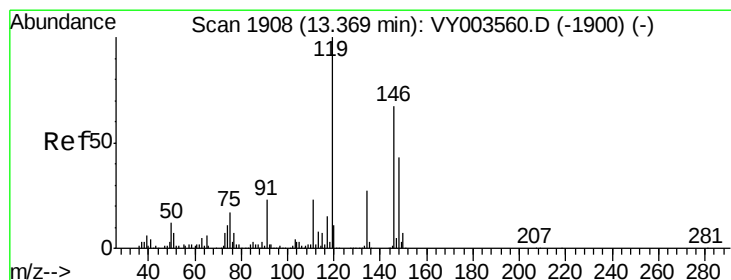
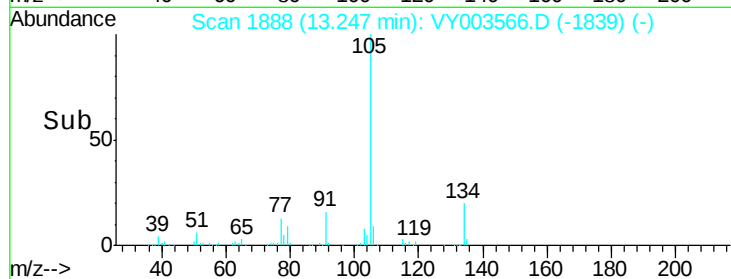
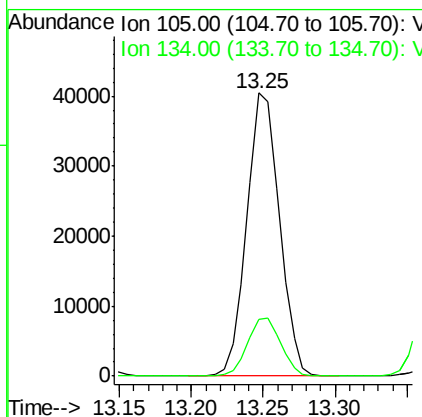
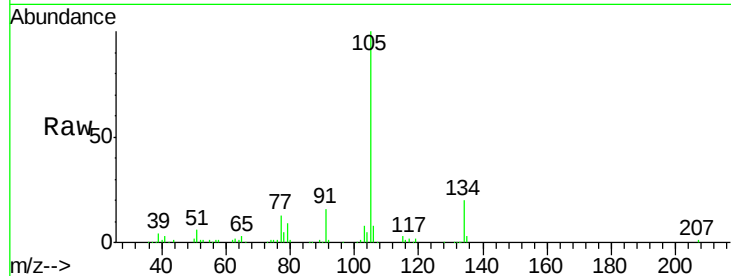




#85
 sec-Butylbenzene
 Concen: 21.095 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

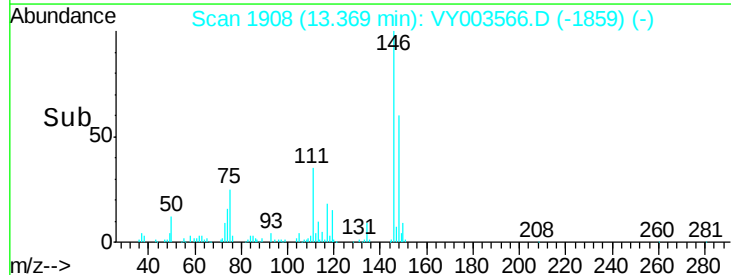
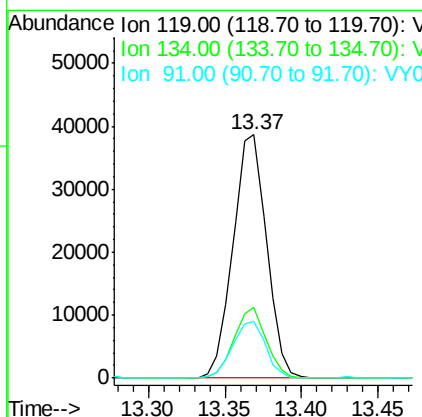
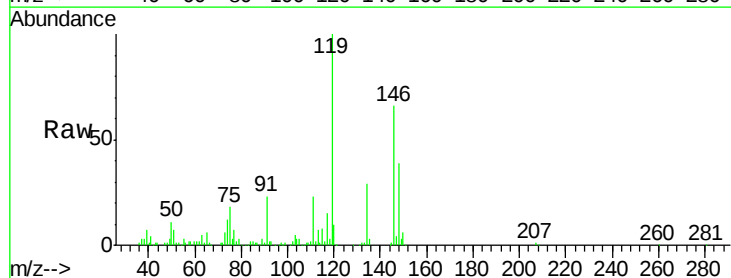
Instrument :
 MSVOA_Y
 ClientSampleId :

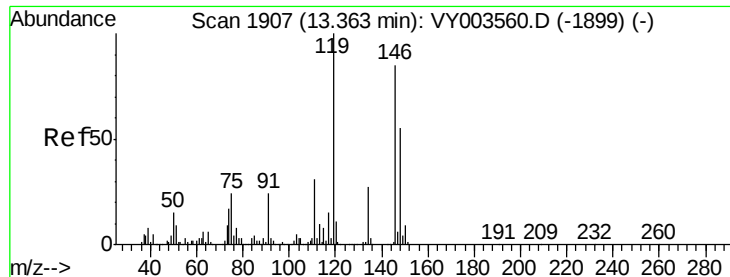
Tot Ion:105 Resp: 63410
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.853 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion:119 Resp: 58940
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.4
 91 22.8 11.4 34.2

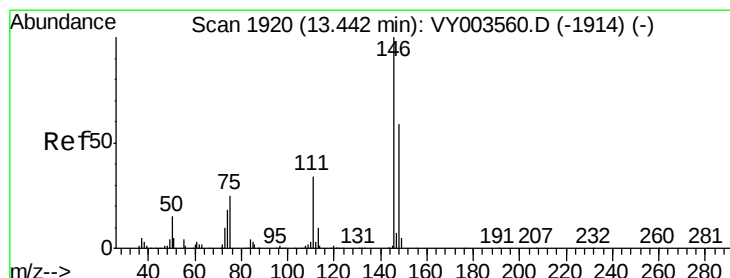
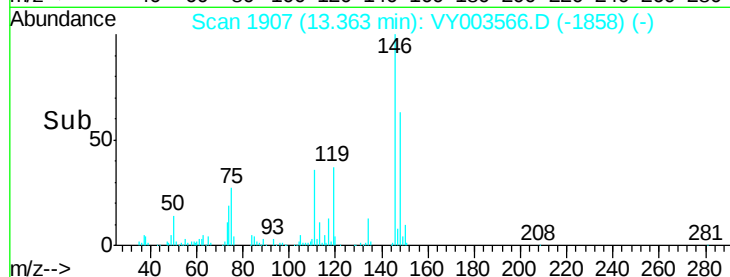
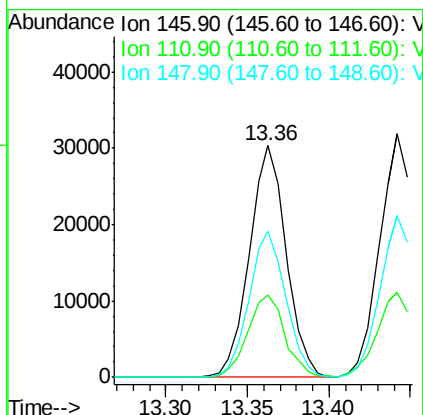
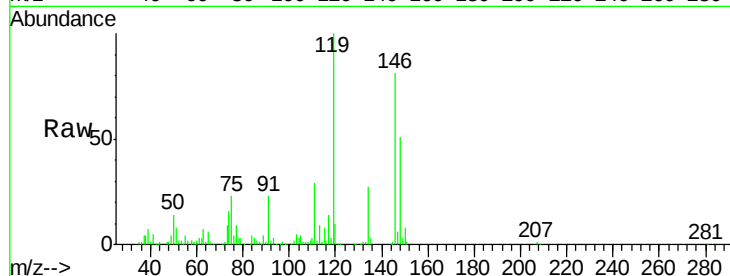




#87
 1,3-Dichlorobenzene
 Concen: 20.354 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

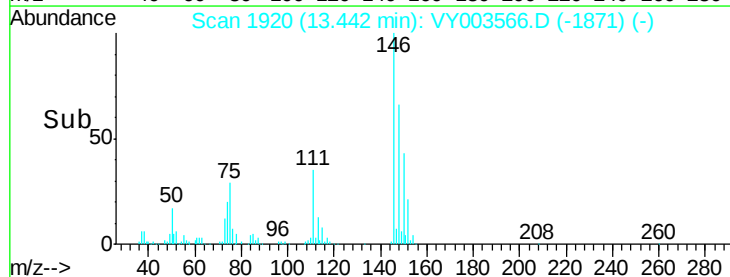
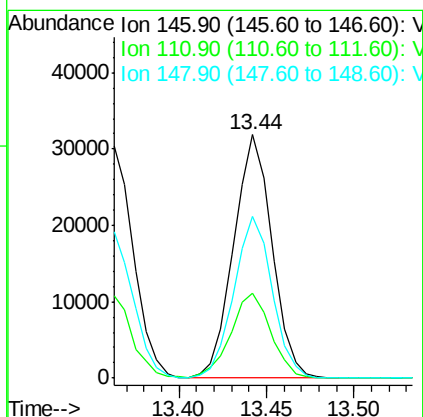
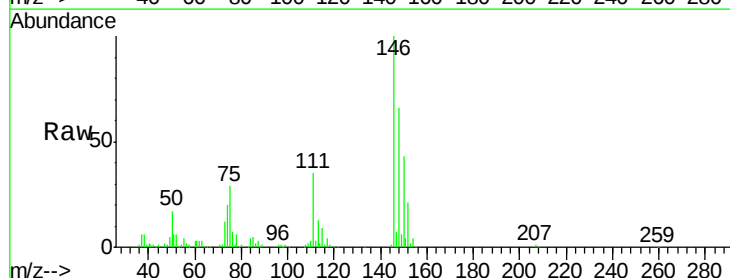
Instrument :
 MSVOA_Y
 ClientSampleId :

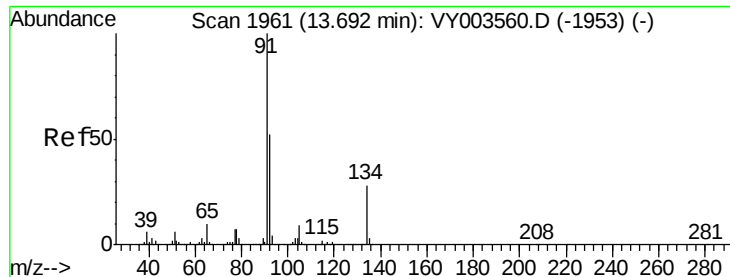
Tot Ion:146 Resp: 47584
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.3 54.9
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion:146 Resp: 48671
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.8 53.4
 148 66.2 31.1 93.2

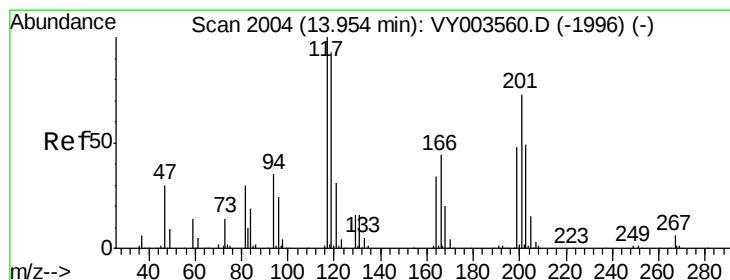
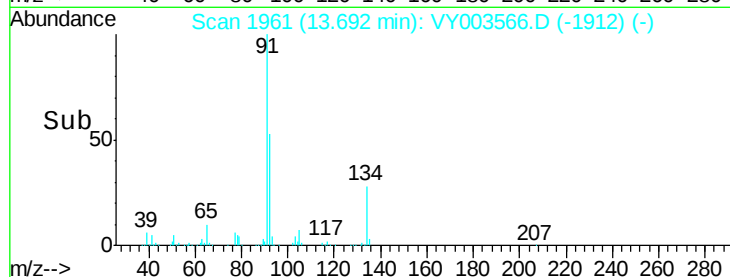
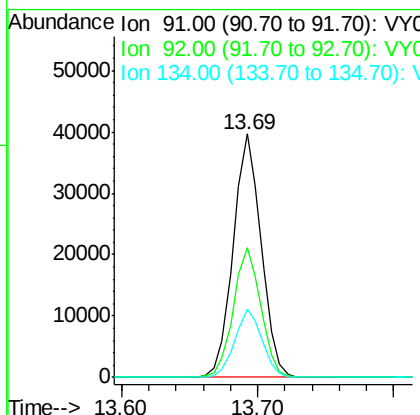
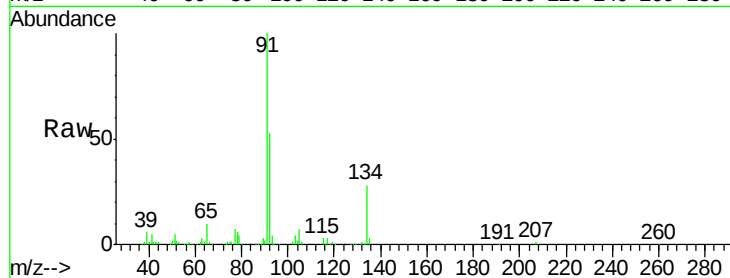




#89
n-Butylbenzene
Concen: 19.596 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

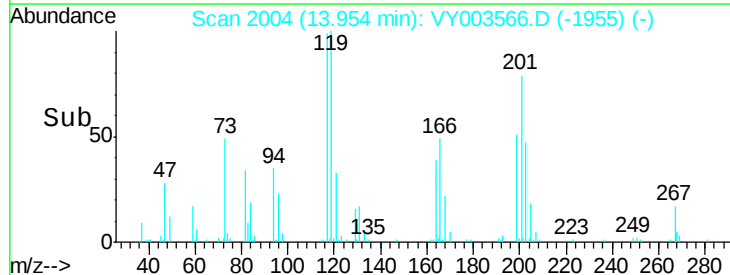
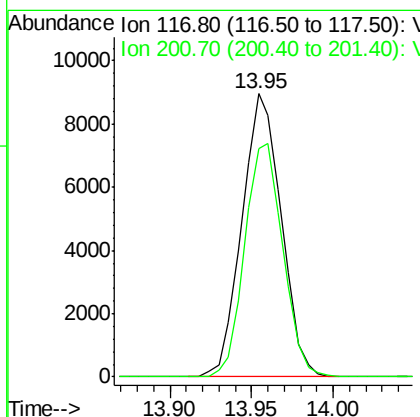
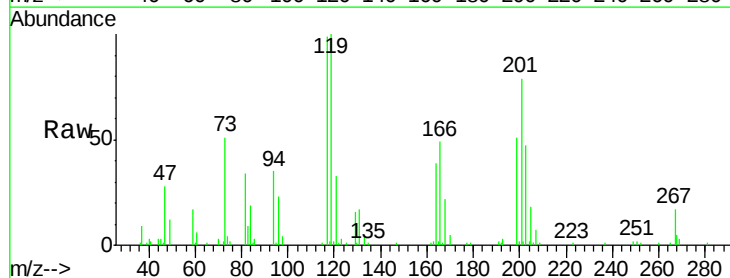
Instrument :
MSVOA_Y
ClientSampled :

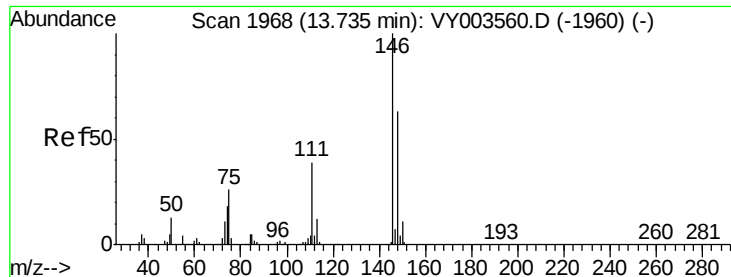
Tot Ion: 91 Resp: 56554
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 27.3 13.9 41.7



#90
Hexachloroethane
Concen: 21.040 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 117 Resp: 15005
Ion Ratio Lower Upper
117 100
201 80.1 41.3 123.9

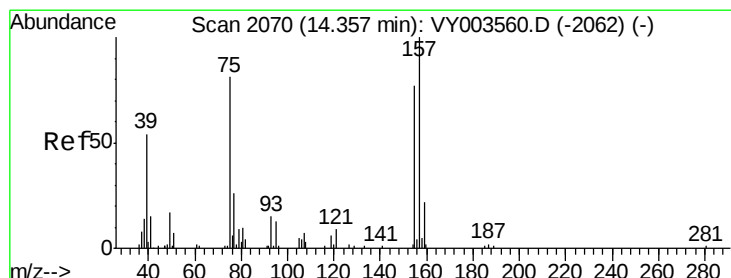
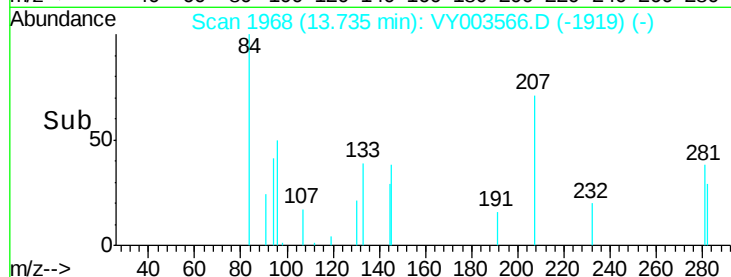
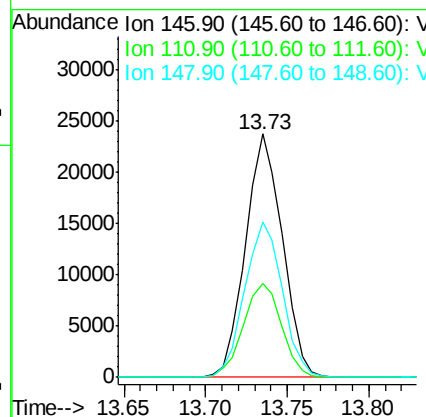
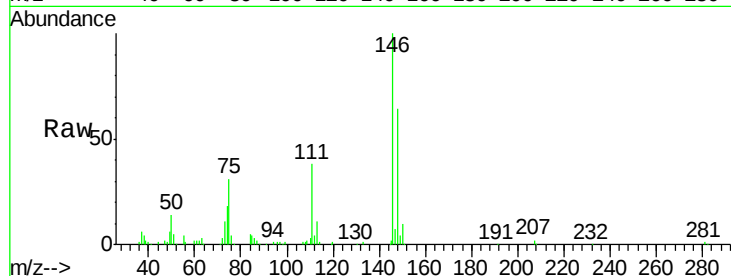




#91
 1,2-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

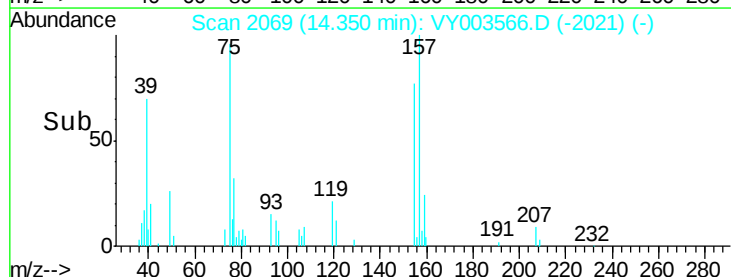
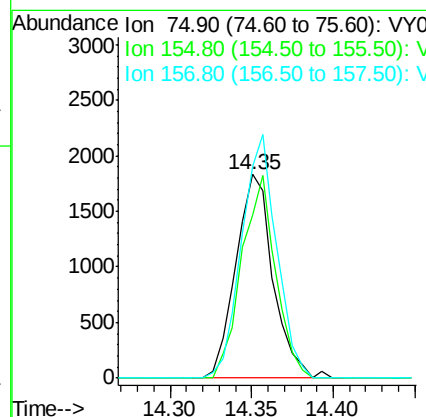
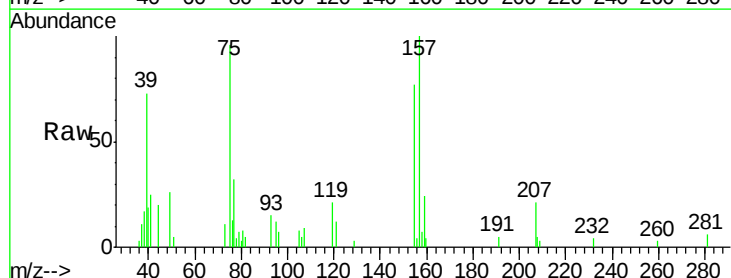
Instrument :
 MSVOA_Y
 ClientSampleId :

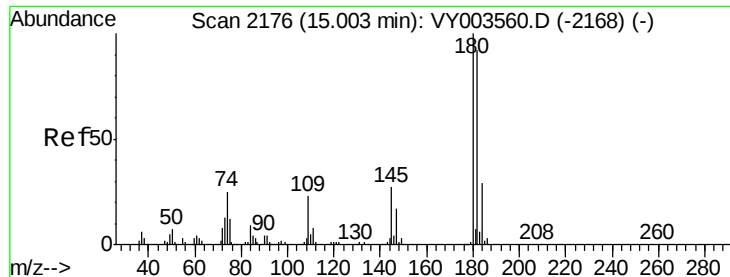
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.5
148	65.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.017 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.4	136.2
157	112.5	59.7	179.1

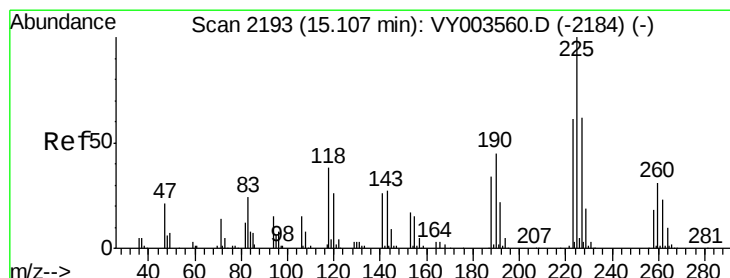
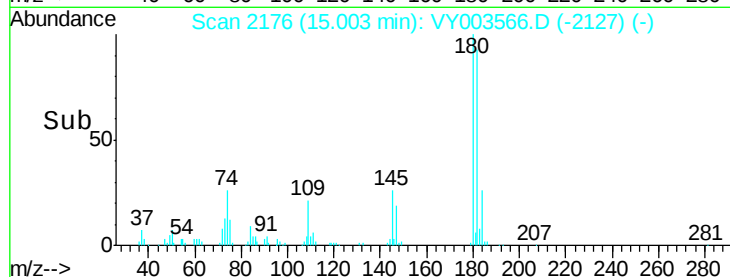
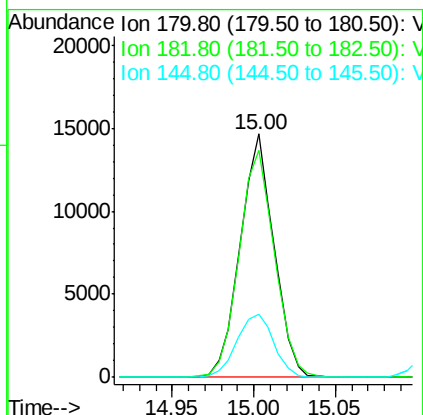
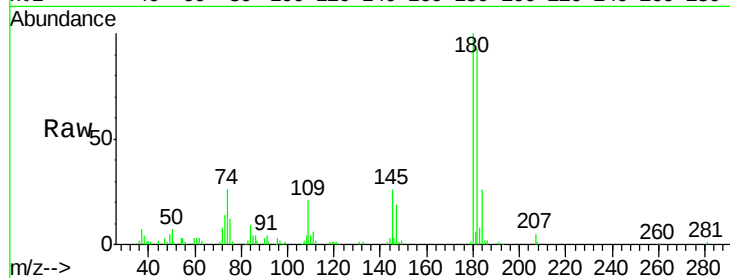




#93
 1,2,4-Trichlorobenzene
 Concen: 20.207 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

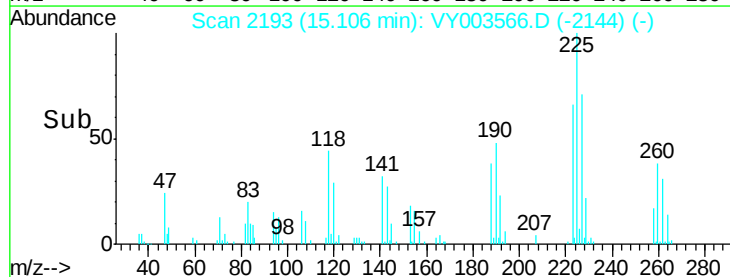
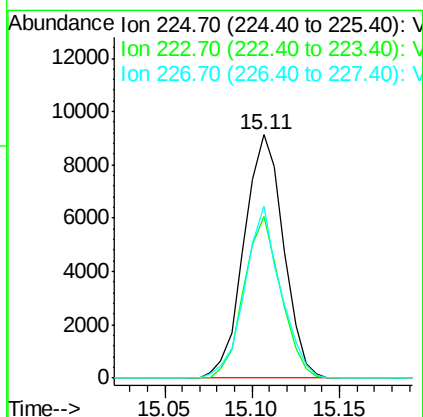
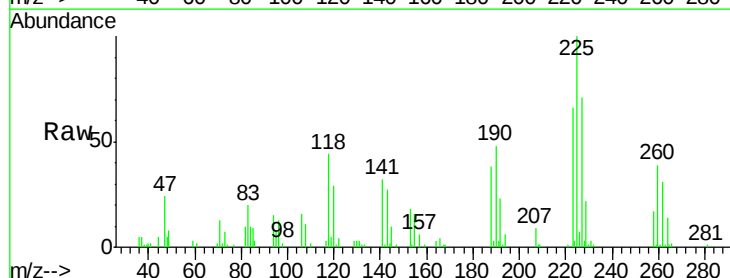
Instrument :
 MSVOA_Y
 ClientSampleId :

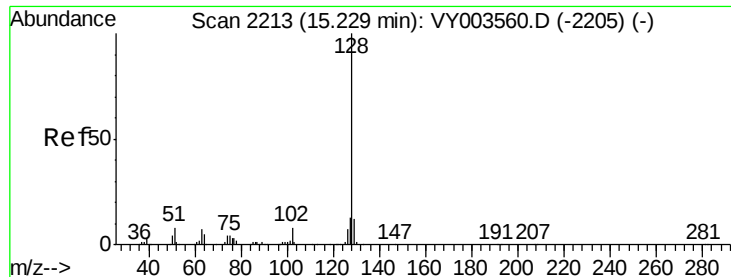
Tot Ion:180 Resp: 21147
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.4 142.3
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 22.888 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion:225 Resp: 14337
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.0 96.0
 227 64.1 31.6 94.7

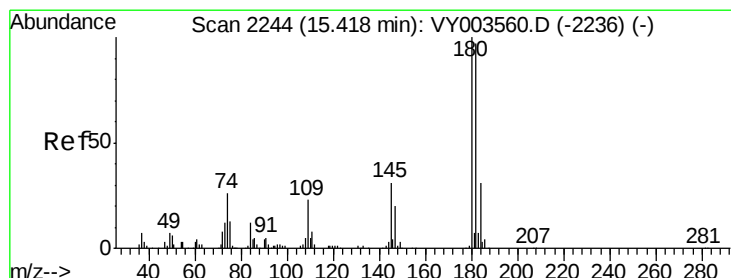
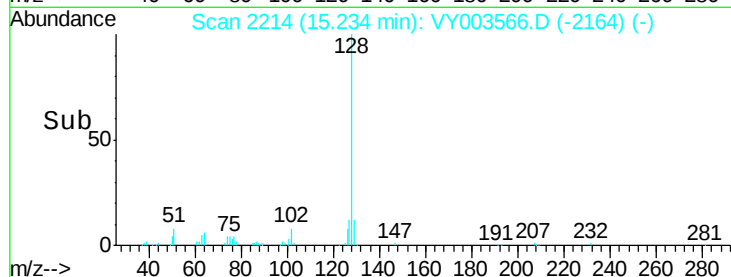
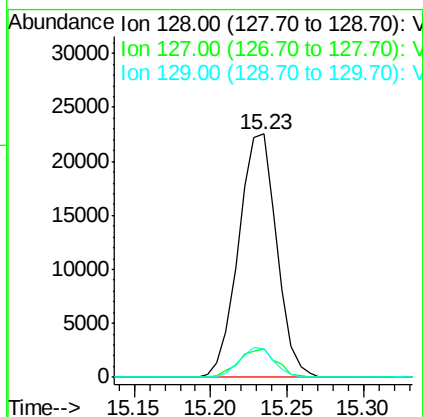
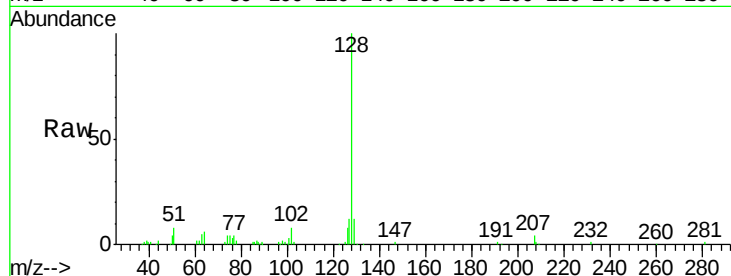




#95
Naphthalene
Concen: 21.816 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 38958
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 11.2 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 21.368 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:180 Resp: 16438
Ion Ratio Lower Upper
180 100
182 100.5 47.4 142.2
145 30.3 15.5 46.5

