

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003519.D
 Acq On : 05 Nov 2020 12:07
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 23:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	325005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	301744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160942	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114692	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
35) Dibromofluoromethane	7.72	113	99231	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	10.18	98	397971	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.48	95	134155	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	38313	21.467	ug/l	96
3) Chloromethane	2.12	50	51202	21.792	ug/l	99
4) Vinyl Chloride	2.26	62	56251	21.328	ug/l	98
5) Bromomethane	2.64	94	42484	19.280	ug/l	99
6) Chloroethane	2.79	64	34278	21.806	ug/l	97
7) Trichlorofluoromethane	3.13	101	69087	20.637	ug/l	98
8) Diethyl Ether	3.54	74	23137	22.538	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39304	21.242	ug/l	98
10) Methyl Iodide	4.10	142	38985	23.242	ug/l	100
11) Tert butyl alcohol	4.96	59	47233	201.519	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	38670	21.006	ug/l	98
13) Acrolein	3.74	56	18715	97.518	ug/l	98
14) Allyl chloride	4.49	41	70646	21.034	ug/l	100
15) Acrylonitrile	5.18	53	58312	106.412	ug/l	99
16) Acetone	3.96	43	69999	91.759	ug/l	99
17) Carbon Disulfide	4.20	76	121963	20.450	ug/l	98
18) Methyl Acetate	4.49	43	31177	21.626	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	102232	22.421	ug/l	97
20) Methylene Chloride	4.72	84	49223	22.911	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	45074	21.145	ug/l	96
22) Diisopropyl ether	6.13	45	135224	22.955	ug/l	98
23) Vinyl Acetate	6.07	43	484794	109.514	ug/l	99
24) 1,1-Dichloroethane	6.02	63	81692	21.823	ug/l	98
25) 2-Butanone	7.00	43	95576	100.172	ug/l	98
26) 2,2-Dichloropropane	6.99	77	75289	21.588	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	49840	21.577	ug/l	99
28) Bromochloromethane	7.34	49	38034	20.196	ug/l	97
29) Tetrahydrofuran	7.35	42	52527	105.358	ug/l	100
30) Chloroform	7.52	83	81769	22.239	ug/l	98
31) Cyclohexane	7.79	56	69660	20.097	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	74781	21.801	ug/l	99
36) 1,1-Dichloropropene	7.92	75	64278	20.977	ug/l	100
37) Ethyl Acetate	7.08	43	41202	21.653	ug/l	98
38) Carbon Tetrachloride	7.91	117	66160	20.812	ug/l	98

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

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Quant Time: Nov 05 23:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	69345	20.324	ug/l	99
40) Benzene	8.17	78	181836	21.323	ug/l	99
41) Methacrylonitrile	7.35	41	51844	51.022	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	59047	22.098	ug/l	100
43) Isopropyl Acetate	8.28	43	73452	21.479	ug/l	99
44) Trichloroethene	8.94	130	51121	21.354	ug/l	99
45) 1,2-Dichloropropane	9.22	63	47439	22.028	ug/l	99
46) Dibromomethane	9.31	93	25878	21.842	ug/l	99
47) Bromodichloromethane	9.50	83	64433	22.219	ug/l	97
48) Methyl methacrylate	9.30	41	33868	21.025	ug/l	98
49) 1,4-Dioxane	9.30	88	6292	425.619	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	197917	108.627	ug/l	99
52) Toluene	10.24	92	115359	21.628	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	66910	21.681	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	76854	22.131	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	36984	21.990	ug/l	99
56) Ethyl methacrylate	10.51	69	49083	21.788	ug/l	100
57) 1,3-Dichloropropane	10.79	76	64693	22.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	131456	115.110	ug/l	100
59) 2-Hexanone	10.83	43	139668	103.534	ug/l	99
60) Dibromochloromethane	10.98	129	46114	22.308	ug/l	100
61) 1,2-Dibromoethane	11.09	107	36111	22.240	ug/l	97
64) Tetrachloroethene	10.72	164	48369	21.464	ug/l	99
65) Chlorobenzene	11.52	112	125806	21.461	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	47773	21.609	ug/l	99
67) Ethyl Benzene	11.59	91	220554	20.749	ug/l	99
68) m/p-Xylenes	11.70	106	168462	41.821	ug/l	99
69) o-Xylene	12.03	106	77588	20.939	ug/l	98
70) Styrene	12.04	104	135817	21.587	ug/l	100
71) Bromoform	12.20	173	31495	21.373	ug/l #	99
73) Isopropylbenzene	12.33	105	213910	20.347	ug/l	100
74) N-amyl acetate	12.14	43	63339	21.269	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46261	20.601	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	61646	36.201	ug/l #	100
77) Bromobenzene	12.61	156	56322	21.085	ug/l	100
78) n-propylbenzene	12.67	91	257537	20.797	ug/l	100
79) 2-Chlorotoluene	12.75	91	143292	20.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	184107	21.136	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	16048	19.670	ug/l	97
82) 4-Chlorotoluene	12.85	91	155251	21.473	ug/l	100
83) tert-Butylbenzene	13.07	119	159341	20.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	183997	21.135	ug/l	98
85) sec-Butylbenzene	13.25	105	217993	20.840	ug/l	100
86) p-Isopropyltoluene	13.36	119	203057	20.931	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	107628	21.630	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	107117	21.648	ug/l	98
89) n-Butylbenzene	13.69	91	185918	20.982	ug/l	100
90) Hexachloroethane	13.95	117	34615	21.201	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	96157	21.753	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8483	20.868	ug/l	98

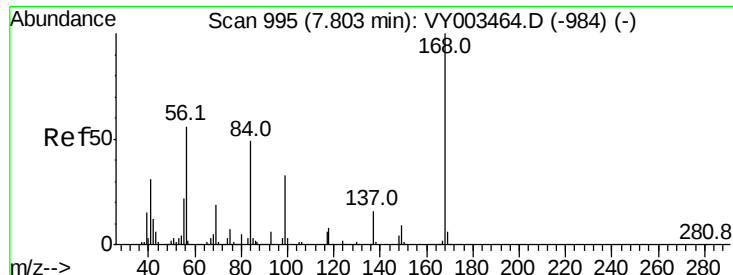
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
Data File : VY003519.D
Acq On : 05 Nov 2020 12:07
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Sample : VY1105SBSD01
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Instrument :
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ClientSampleId :

Quant Time: Nov 05 23:48:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70525	22.555	ug/l	99
94) Hexachlorobutadiene	15.11	225	44846	22.296	ug/l	99
95) Naphthalene	15.23	128	131975	21.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62877	22.356	ug/l	97

(#) = 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. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

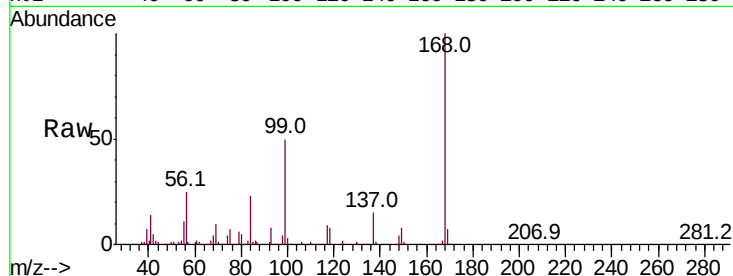
ClientSampleId :

Tot Ion:168 Resp: 225570

Ion Ratio Lower Upper

168 100

99 49.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

100000

80000

60000

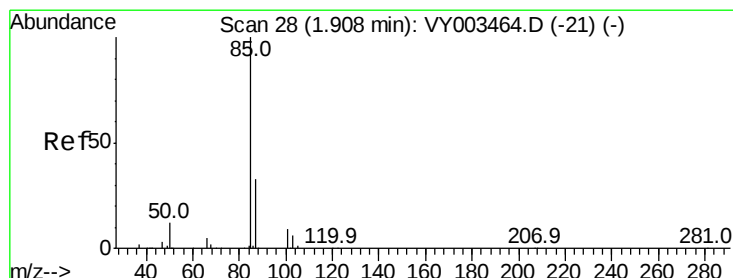
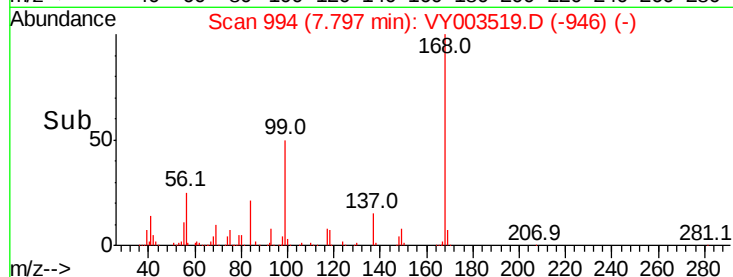
40000

20000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.467 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003519.D

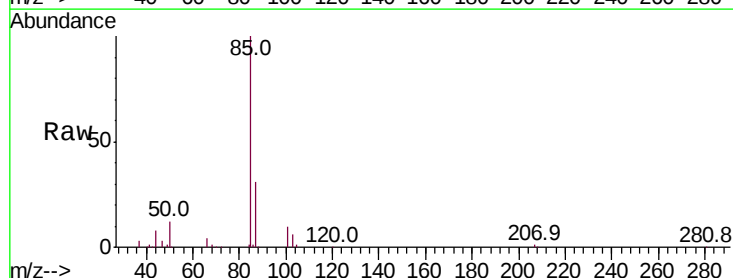
Acq: 05 Nov 2020 12:07

Tgt Ion: 85 Resp: 38313

Ion Ratio Lower Upper

85 100

87 30.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

30000

25000

20000

15000

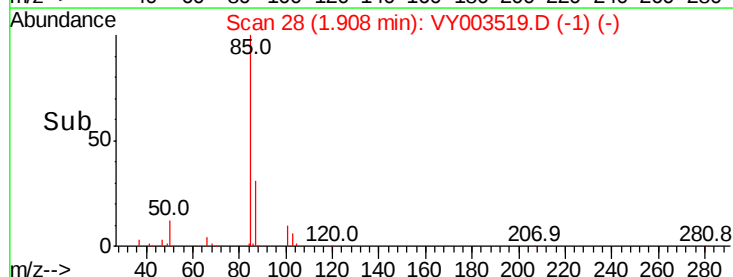
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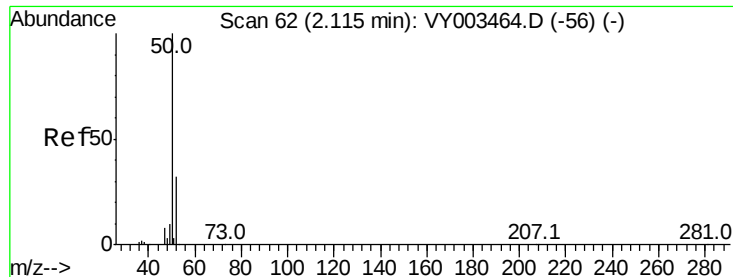
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.792 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

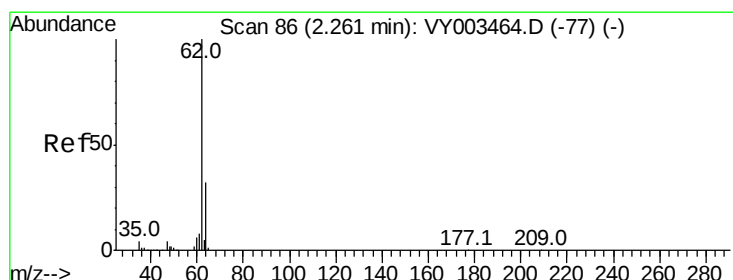
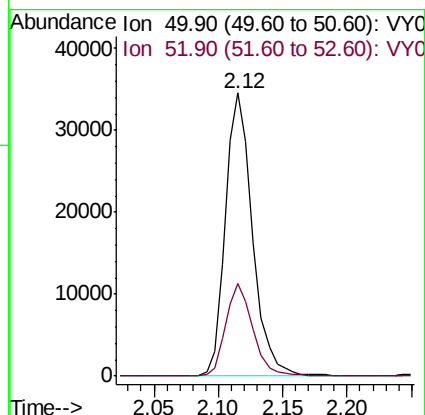
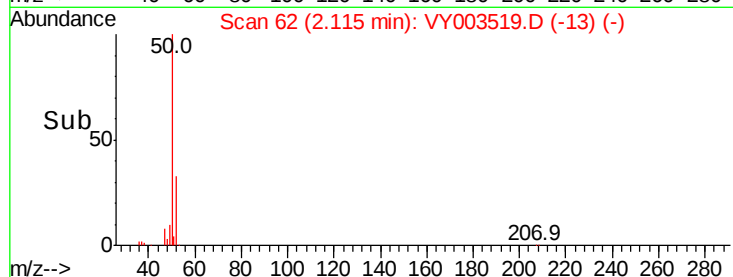
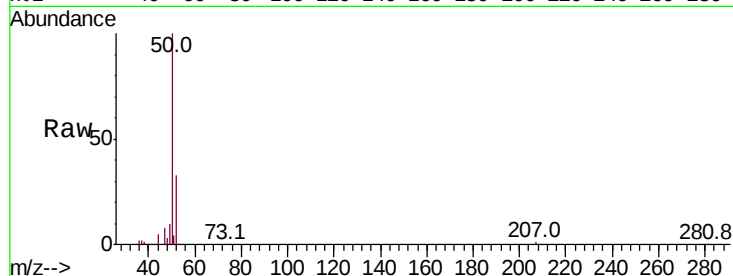
ClientSampleId :

Tot Ion: 50 Resp: 51202

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



#4

Vinyl Chloride

Concen: 21.328 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003519.D

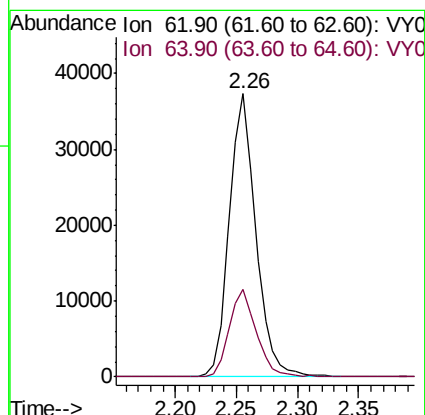
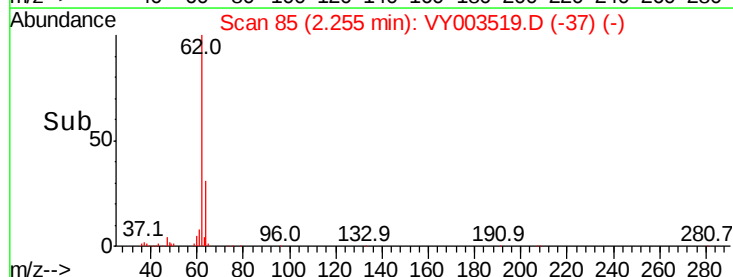
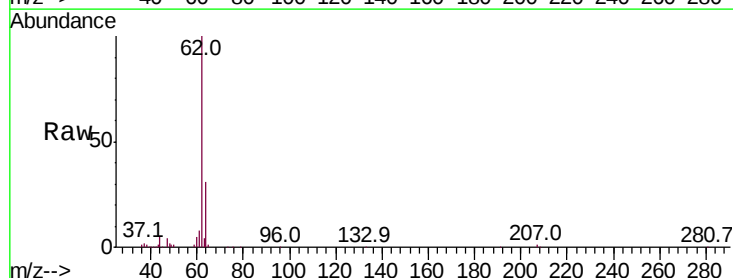
Acq: 05 Nov 2020 12:07

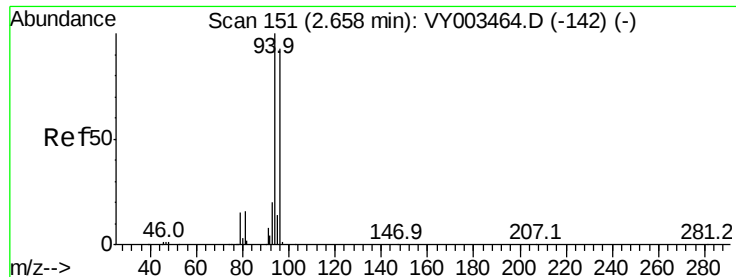
Tgt Ion: 62 Resp: 56251

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 19.280 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

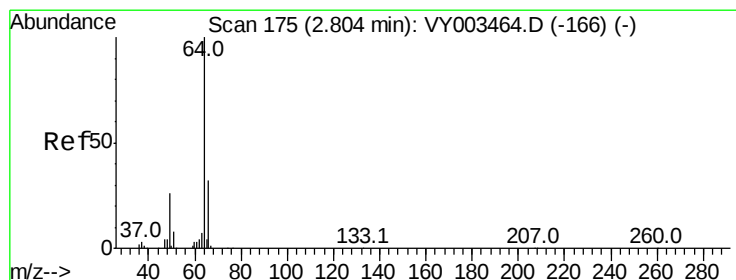
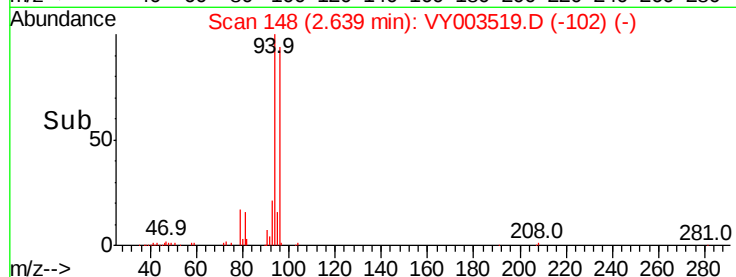
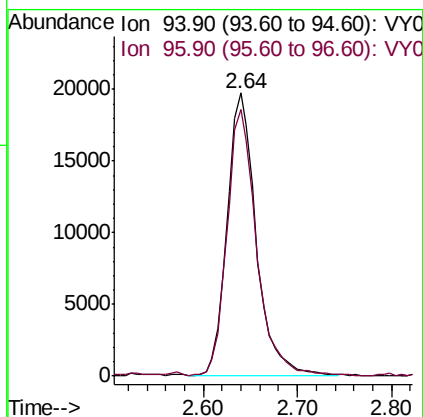
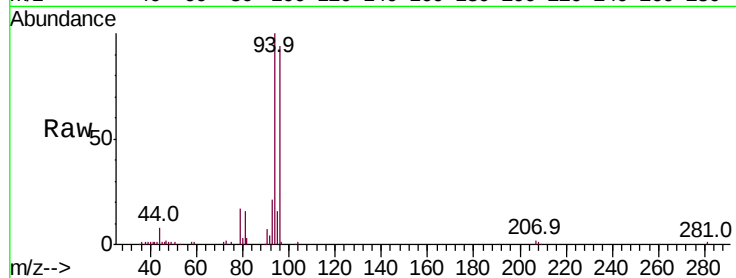
ClientSampled :

Tot Ion: 94 Resp: 42484

Ion Ratio Lower Upper

94 100

96 93.9 74.6 112.0



#6

Chloroethane

Concen: 21.806 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003519.D

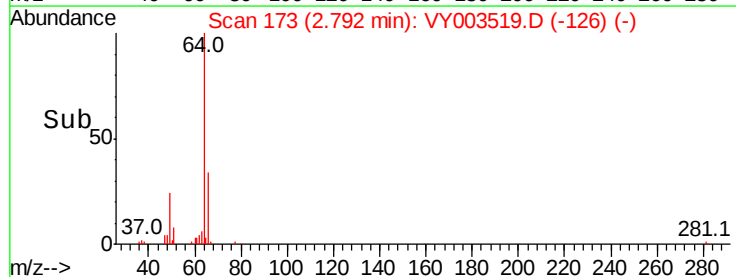
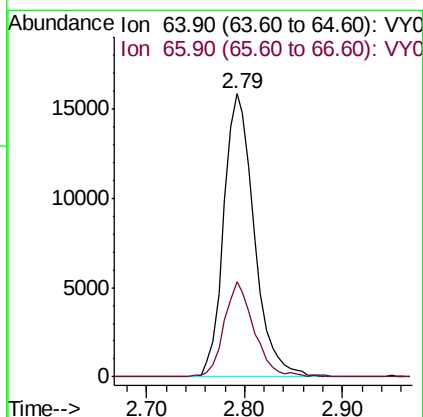
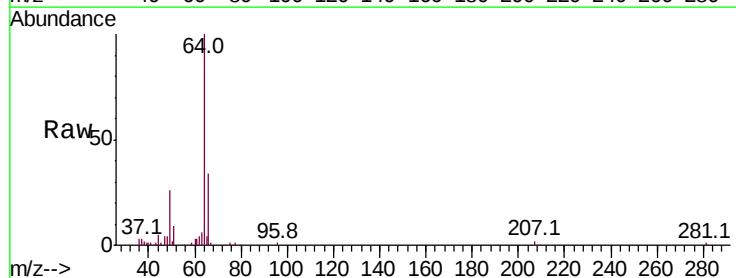
Acq: 05 Nov 2020 12:07

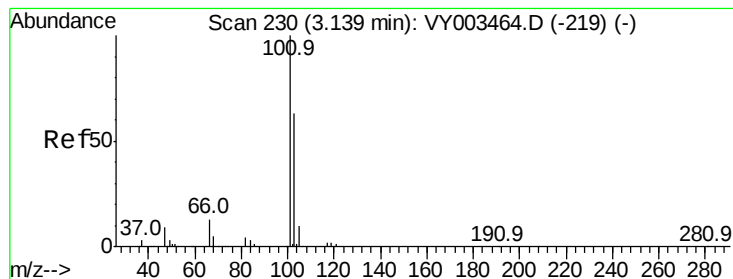
Tgt Ion: 64 Resp: 34278

Ion Ratio Lower Upper

64 100

66 33.7 25.6 38.4



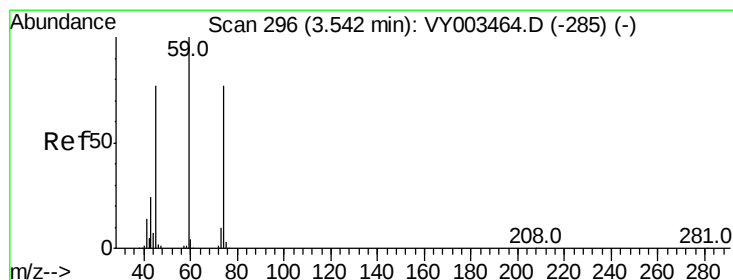
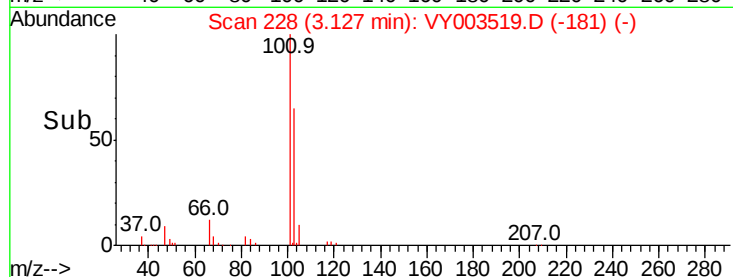
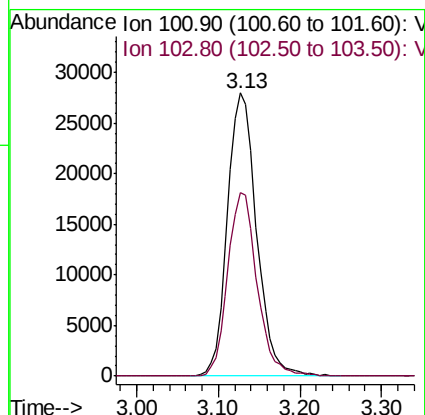
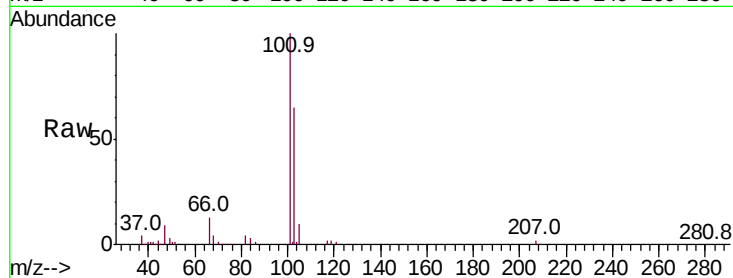


#7

Trichlorofluoromethane
Concen: 20.637 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :

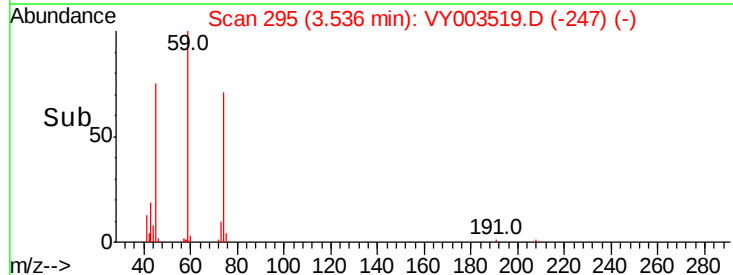
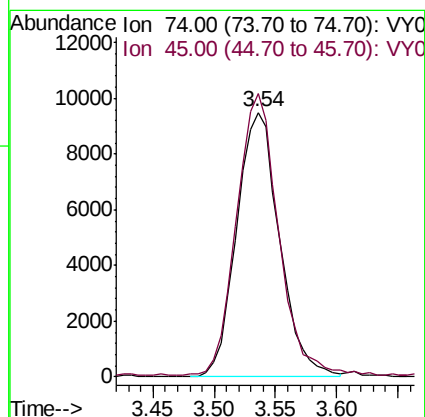
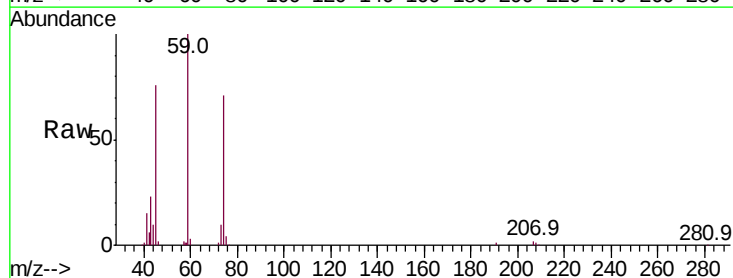
Tot Ion:101 Resp: 69087
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

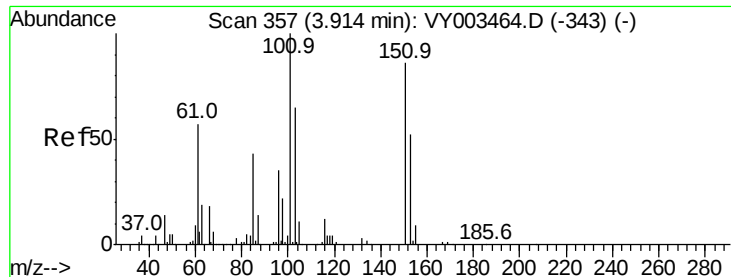


#8

Diethyl Ether
Concen: 22.538 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion: 74 Resp: 23137
Ion Ratio Lower Upper
74 100
45 104.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.242 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

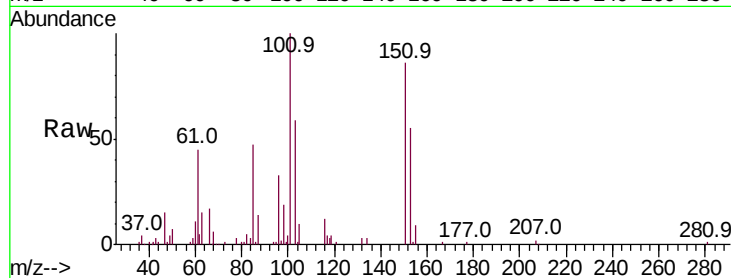
Tot Ion:101 Resp: 39304

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.8

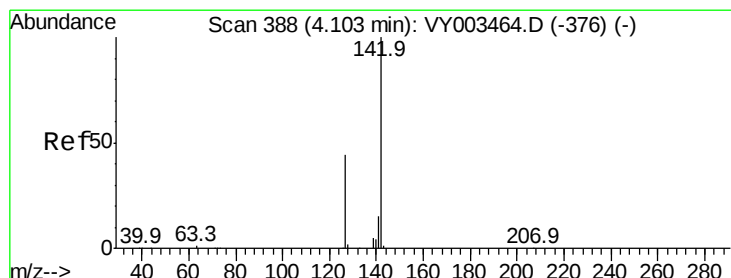
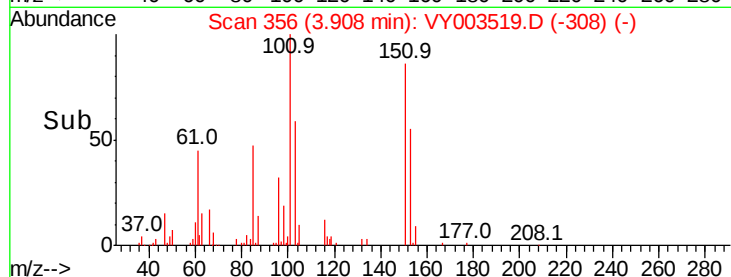
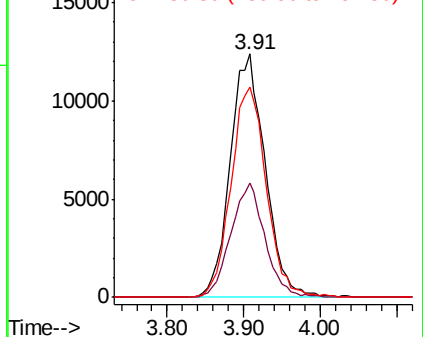
151 87.1 67.6 101.4



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: 23.242 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

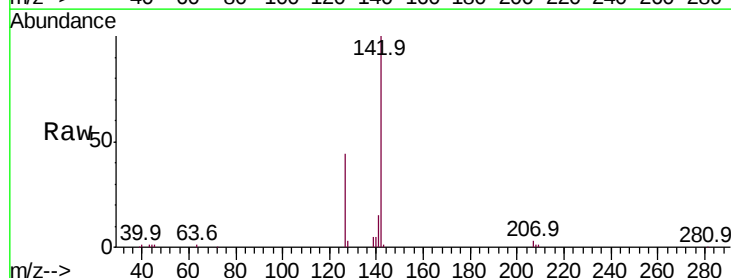
Tgt Ion:142 Resp: 38985

Ion Ratio Lower Upper

142 100

127 43.2 34.5 51.7

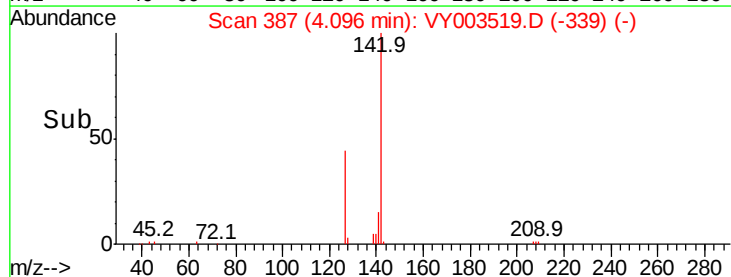
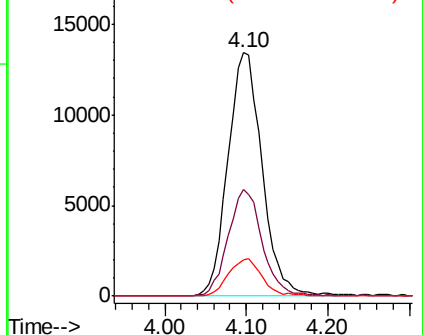
141 15.0 11.8 17.8

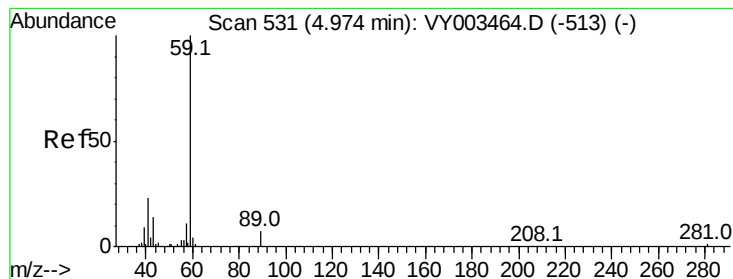


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



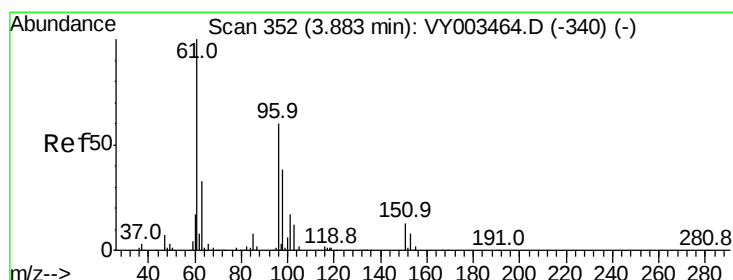
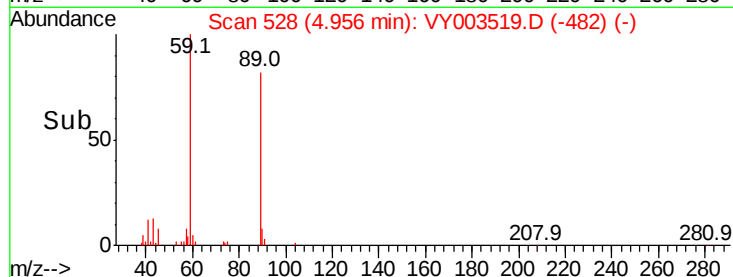
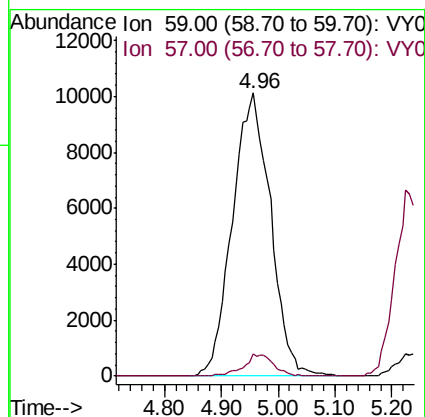
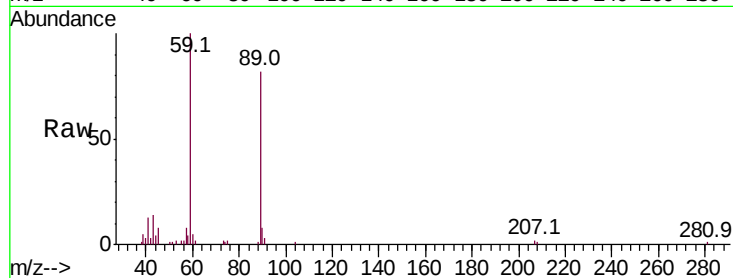


#11

Tert butyl alcohol
Concen: 201.519 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :

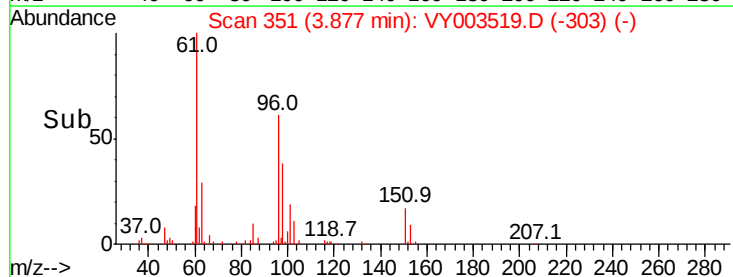
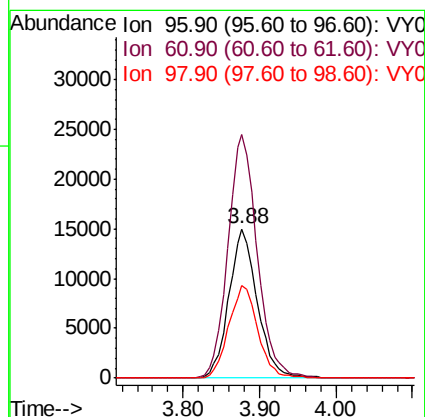
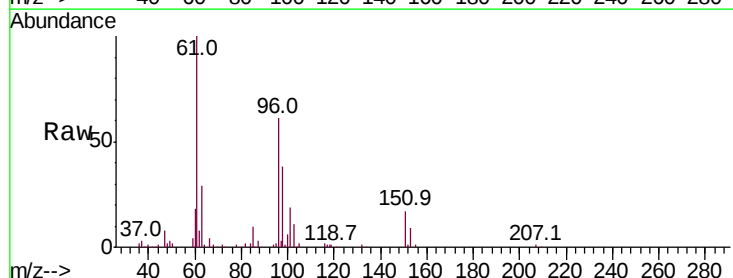
Tot Ion: 59 Resp: 47233
Ion Ratio Lower Upper
59 100
57 6.0 7.9 11.9#

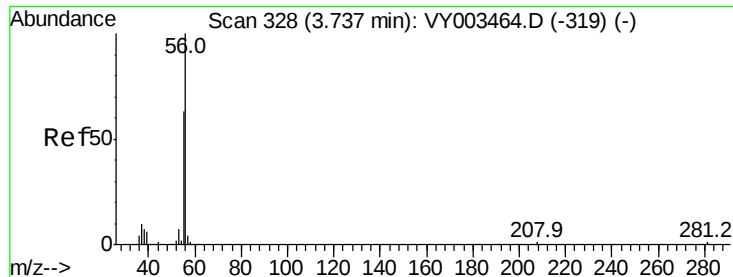


#12

1,1-Dichloroethene
Concen: 21.006 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion: 96 Resp: 38670
Ion Ratio Lower Upper
96 100
61 163.2 133.6 200.4
98 61.9 50.2 75.2





#13

Acrolein

Concen: 97.518 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

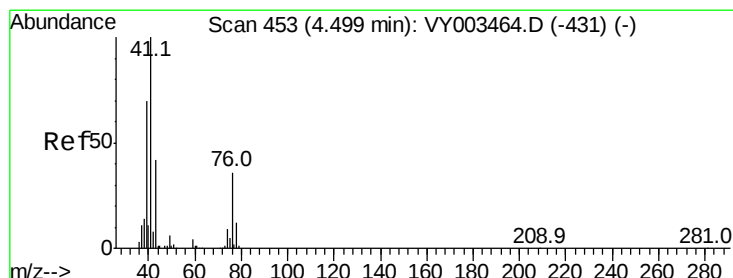
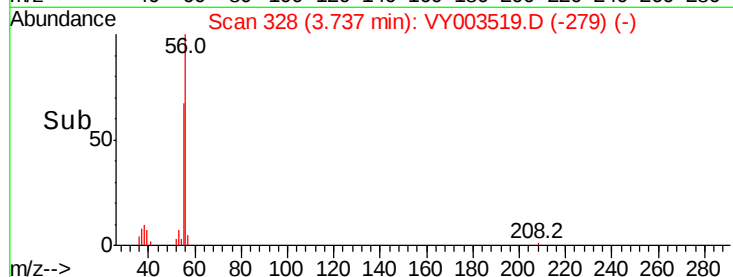
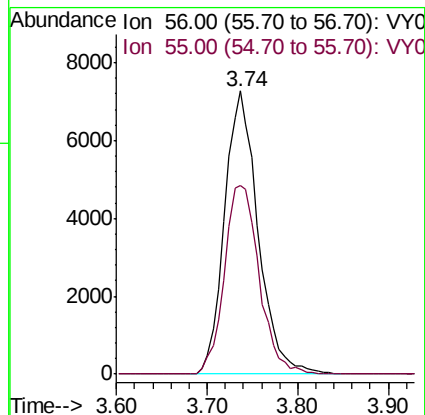
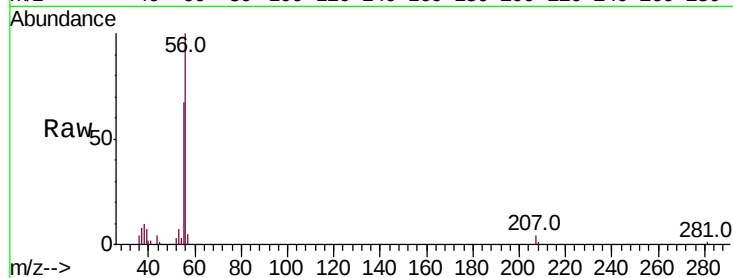
ClientSampleId :

Tot Ion: 56 Resp: 18715

Ion Ratio Lower Upper

56 100

55 69.1 56.6 85.0



#14

Allyl chloride

Concen: 21.034 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

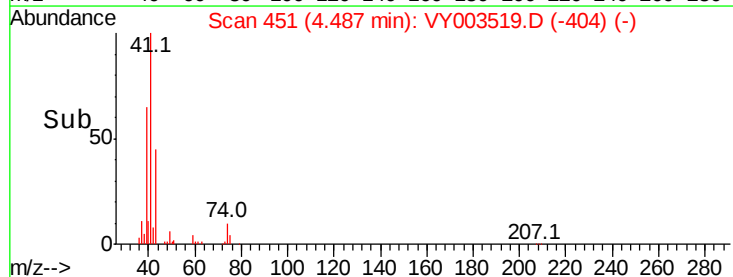
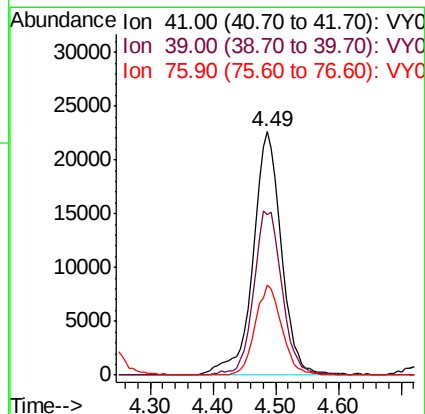
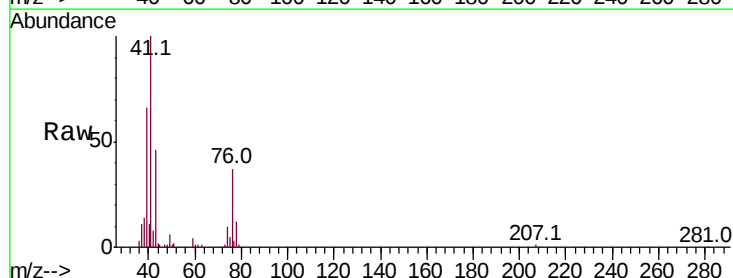
Tgt Ion: 41 Resp: 70646

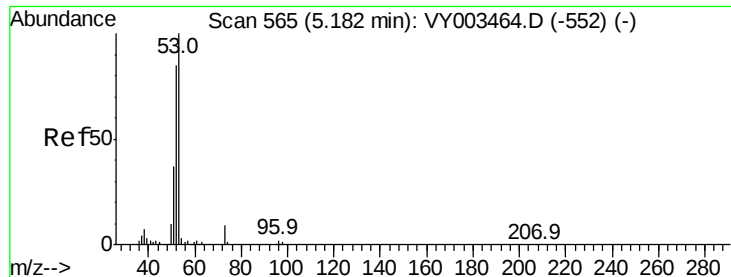
Ion Ratio Lower Upper

41 100

39 67.5 54.4 81.6

76 34.6 27.6 41.4





#15

Acrylonitrile

Concen: 106.412 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

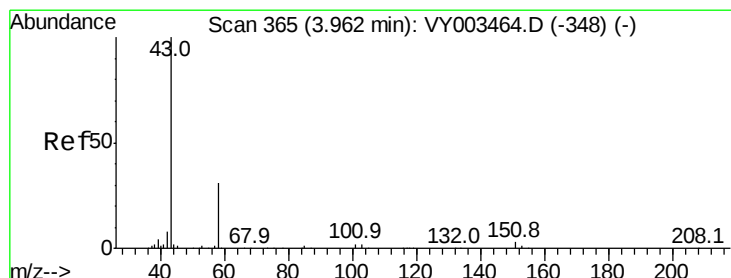
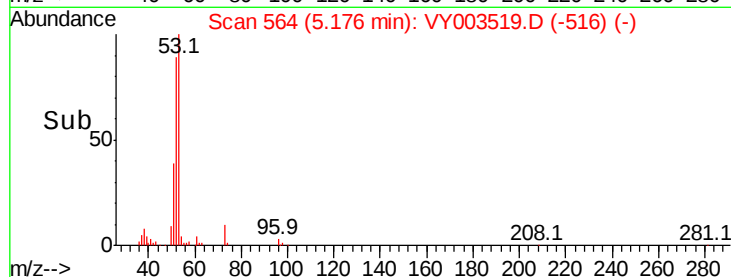
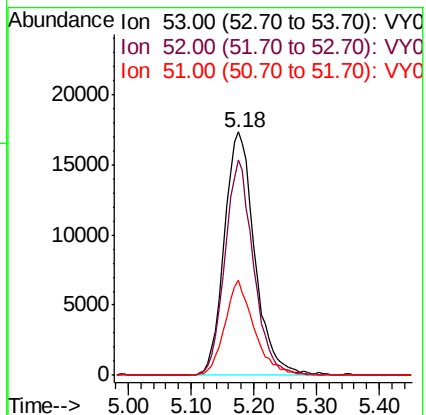
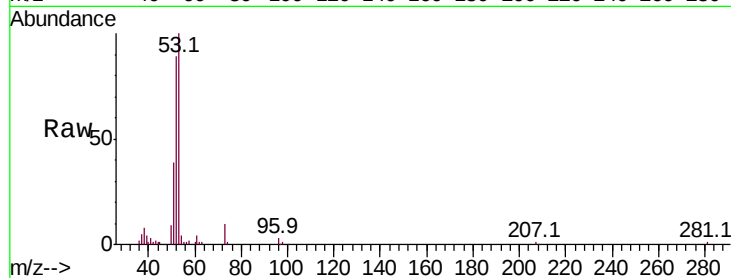
Tot Ion: 53 Resp: 58312

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

51 37.7 29.3 43.9



#16

Acetone

Concen: 91.759 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003519.D

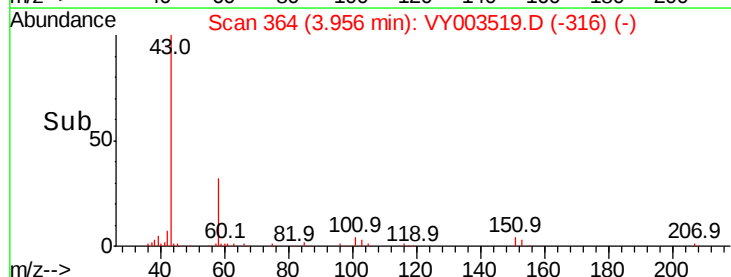
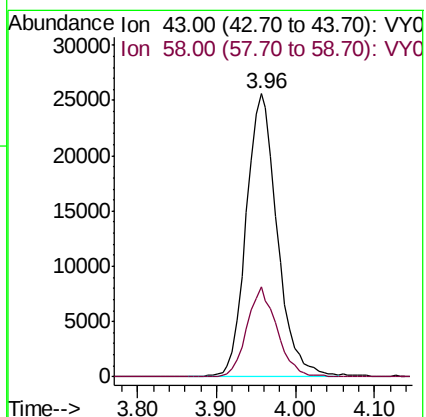
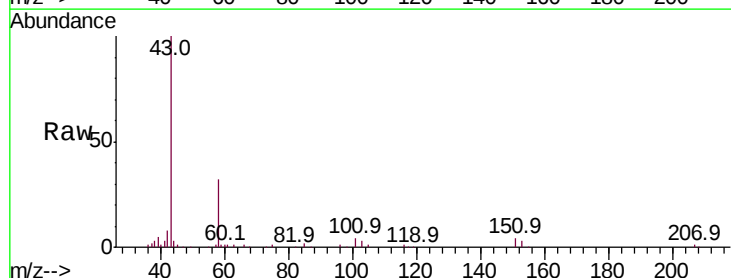
Acq: 05 Nov 2020 12:07

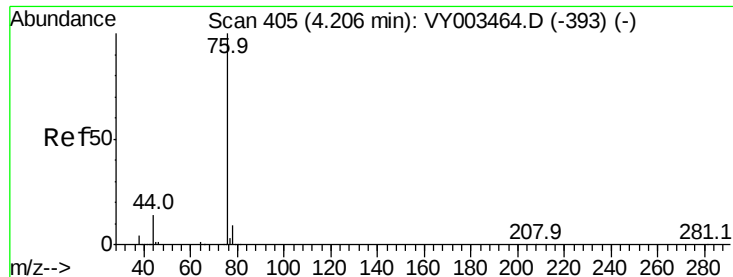
Tgt Ion: 43 Resp: 69999

Ion Ratio Lower Upper

43 100

58 31.9 25.0 37.4

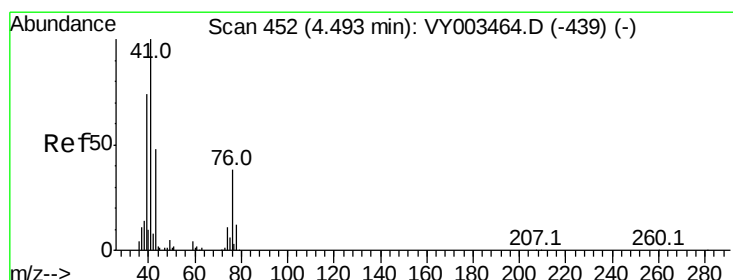
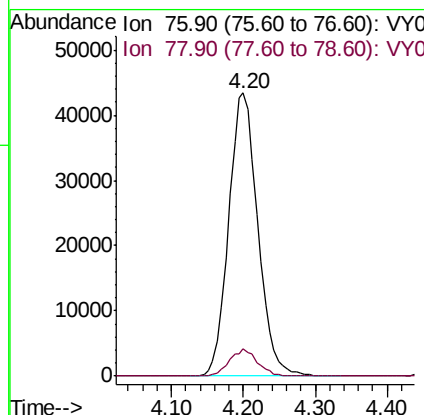
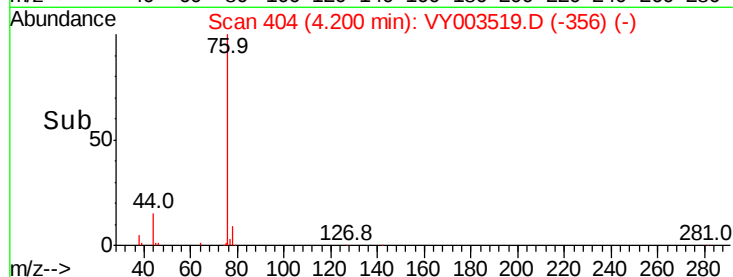
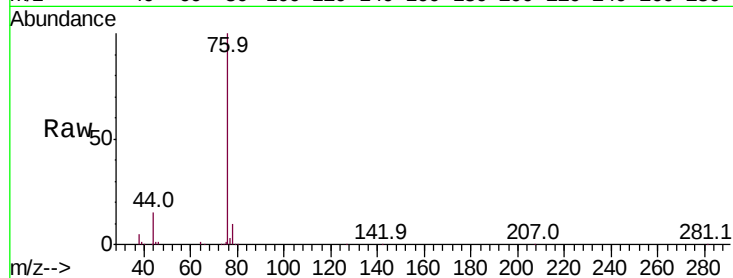




#17
Carbon Disulfide
Concen: 20.450 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

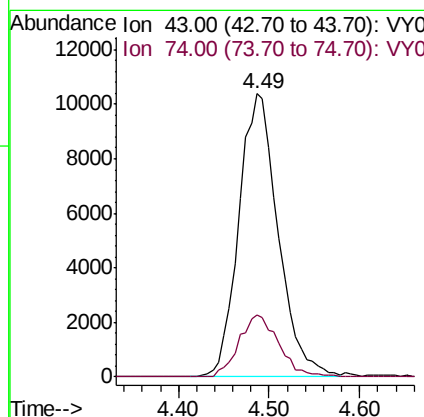
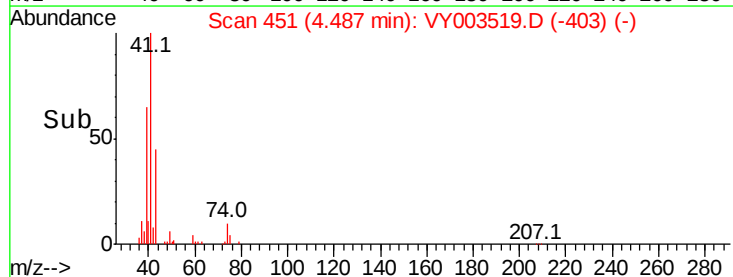
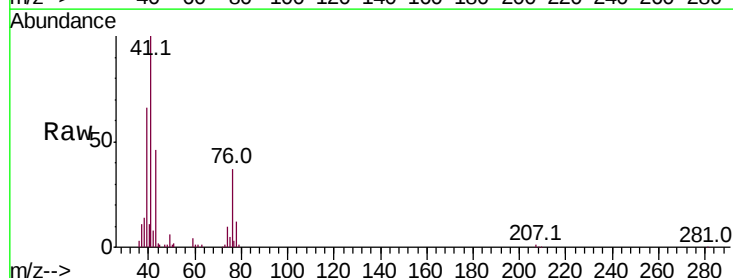
Instrument :
MSVOA_Y
ClientSampleId :

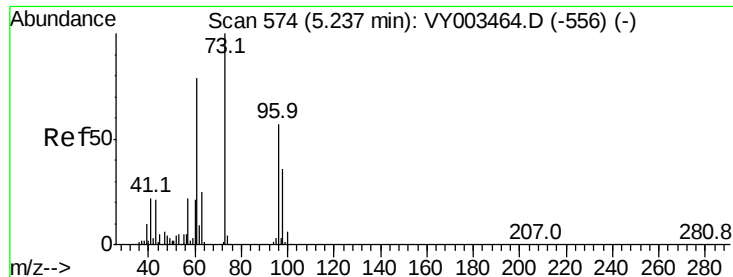
Tot Ion: 76 Resp: 121963
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#18
Methyl Acetate
Concen: 21.626 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion: 43 Resp: 31177
Ion Ratio Lower Upper
43 100
74 22.1 18.4 27.6

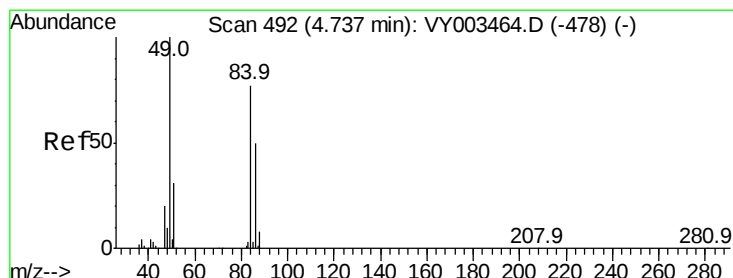
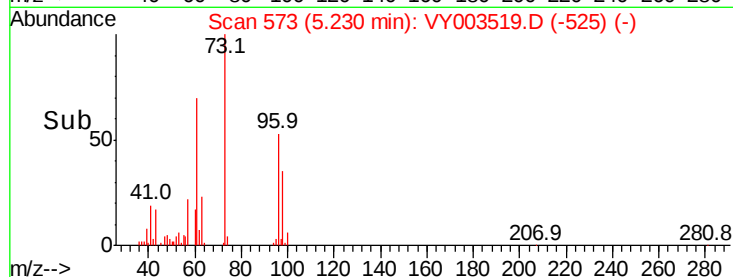
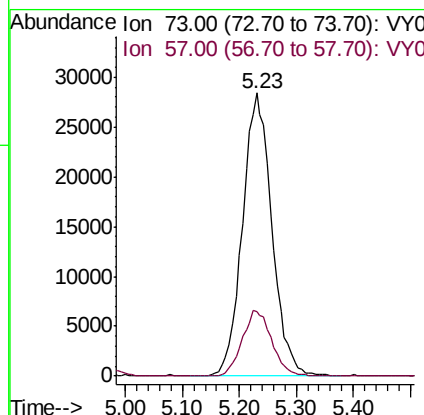
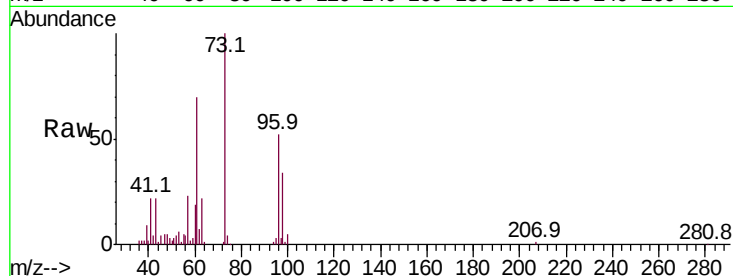




#19
Methyl tert-butyl Ether
Concen: 22.421 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

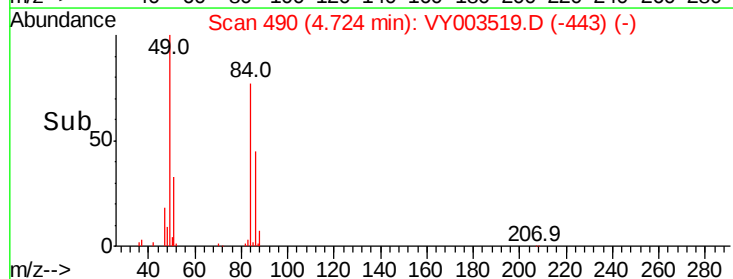
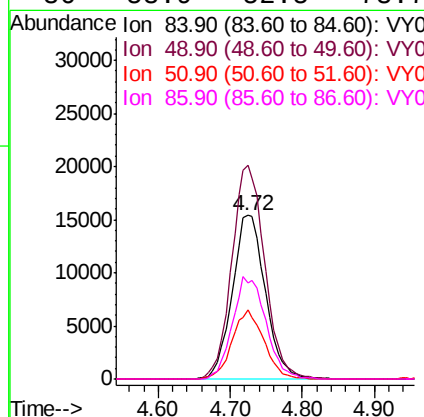
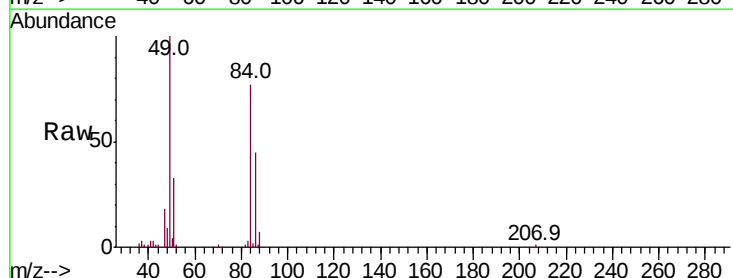
Instrument :
MSVOA_Y
ClientSampleId :

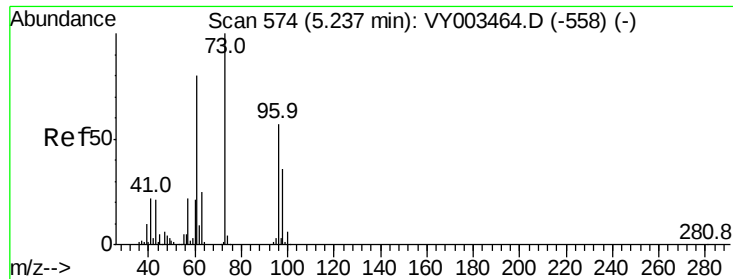
Tot Ion: 73 Resp: 102232
Ion Ratio Lower Upper
73 100
57 22.9 17.2 25.8



#20
Methylene Chloride
Concen: 22.911 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion: 84 Resp: 49223
Ion Ratio Lower Upper
84 100
49 130.7 104.3 156.5
51 42.5 32.5 48.7
86 58.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.145 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampled :

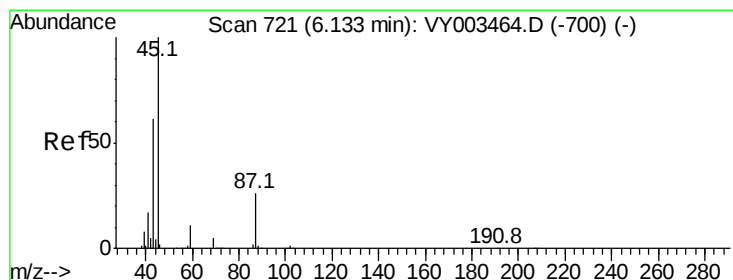
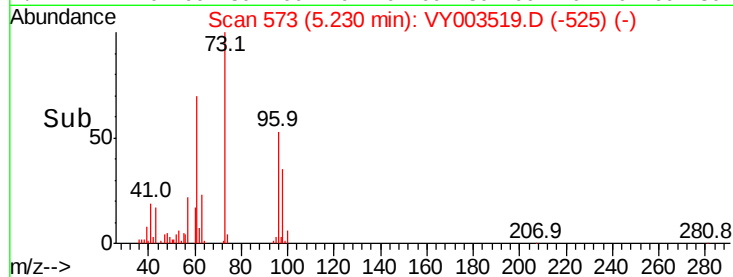
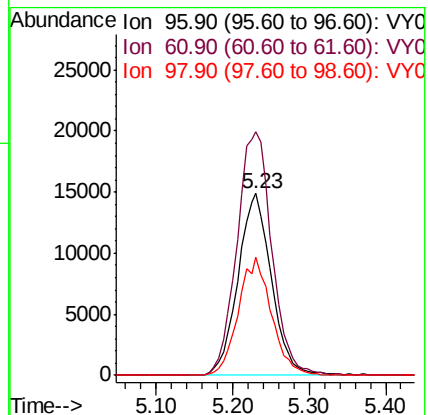
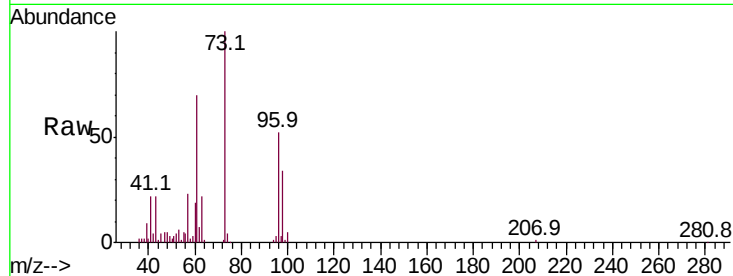
Tot Ion: 96 Resp: 45074

Ion Ratio Lower Upper

96 100

61 134.1 111.3 166.9

98 65.3 50.3 75.5



#22

Diisopropyl ether

Concen: 22.955 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion: 45 Resp: 135224

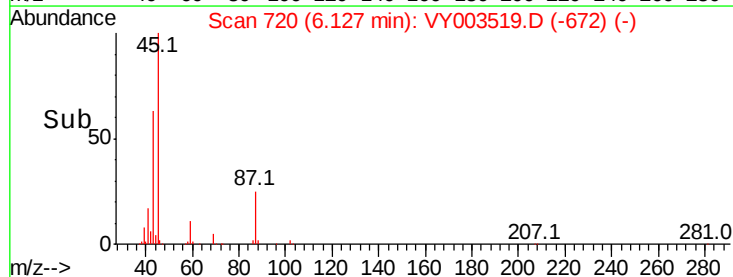
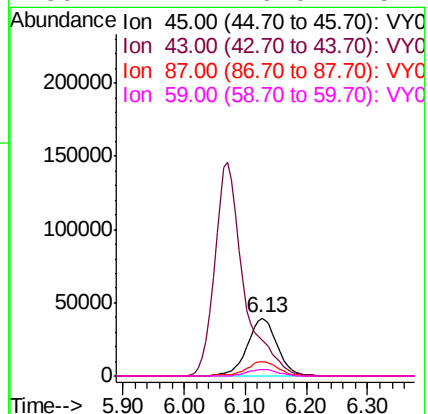
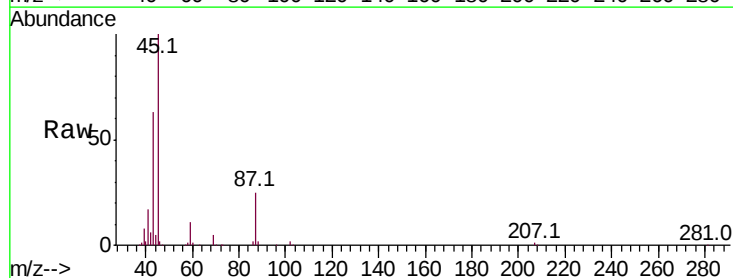
Ion Ratio Lower Upper

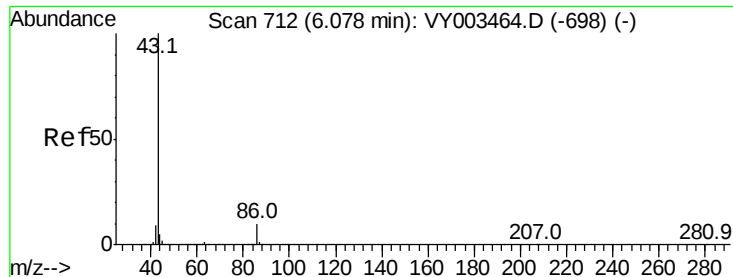
45 100

43 62.3 48.8 73.2

87 24.6 20.6 31.0

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 109.514 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

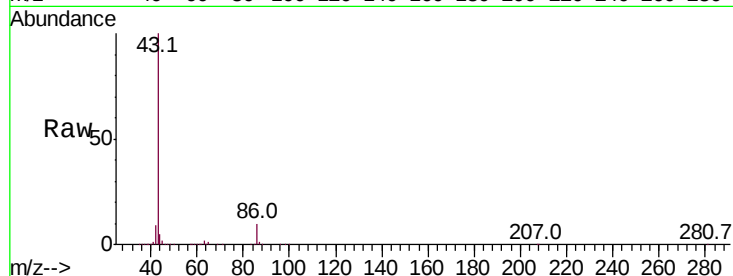
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 484794

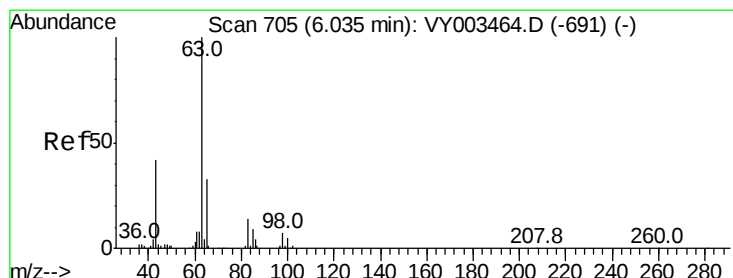
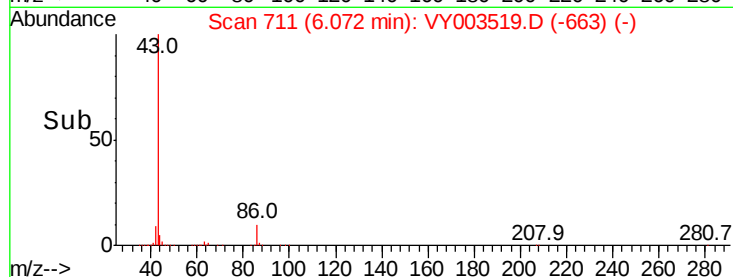
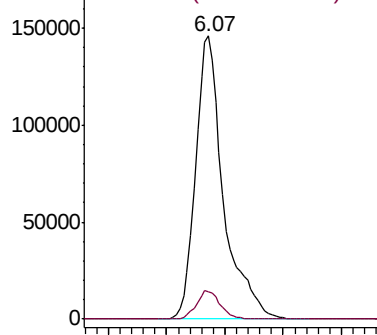
Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.823 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

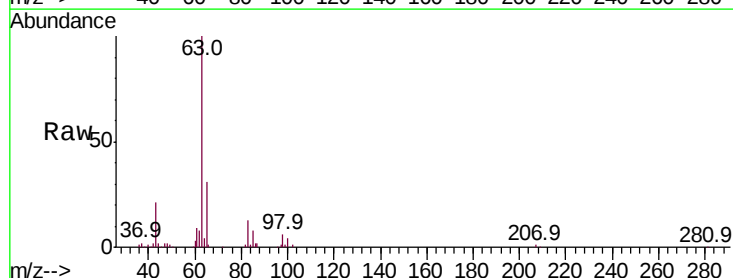
Tgt Ion: 63 Resp: 81692

Ion Ratio Lower Upper

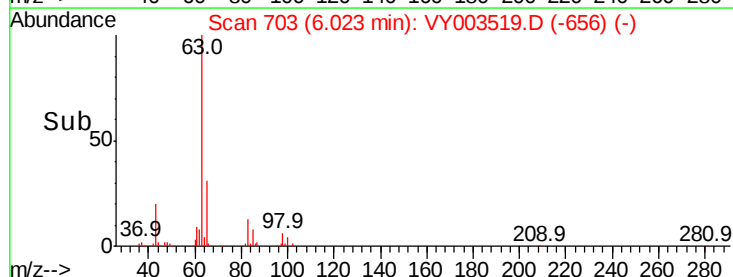
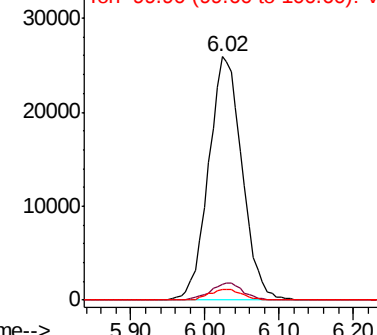
63 100

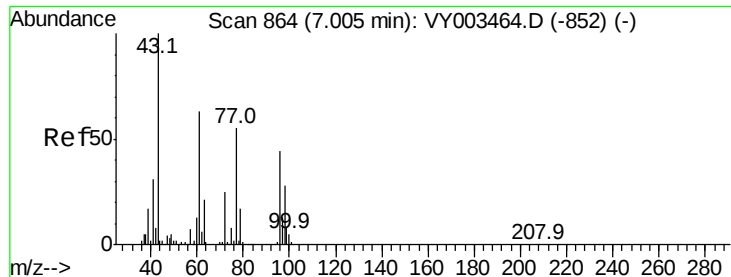
98 6.5 3.6 10.8

100 4.3 2.3 6.9



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: 100.172 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

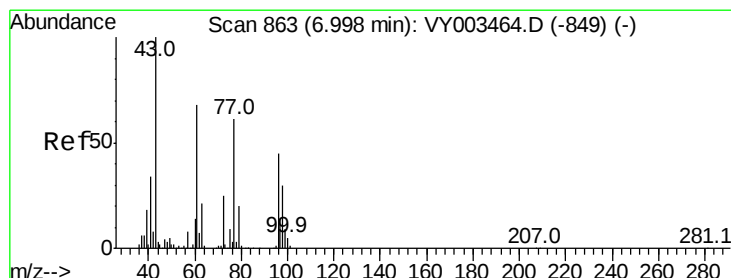
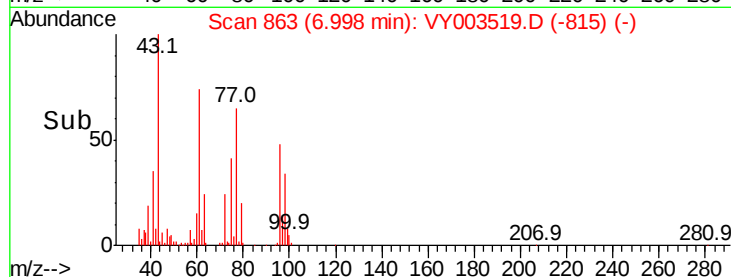
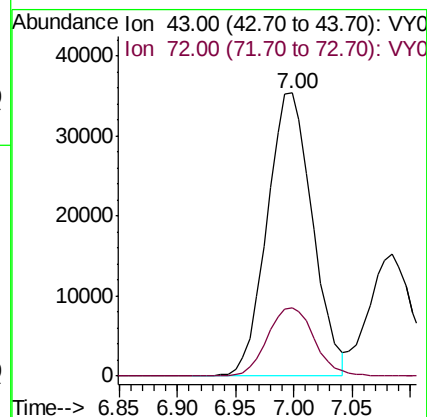
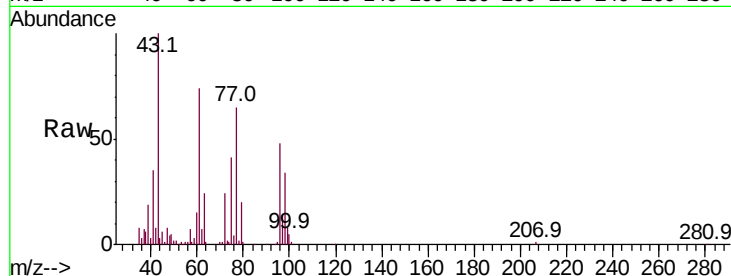
ClientSampleId :

Tot Ion: 43 Resp: 95576

Ion Ratio Lower Upper

43 100

72 24.0 20.1 30.1



#26

2,2-Dichloropropane

Concen: 21.588 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003519.D

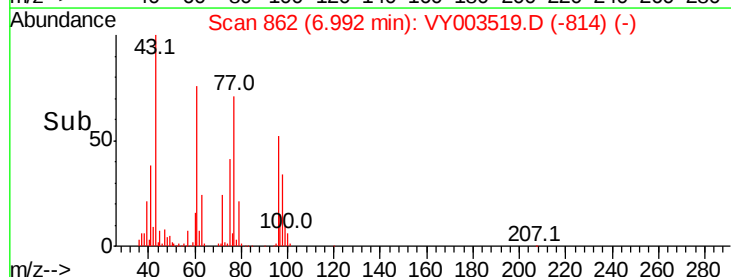
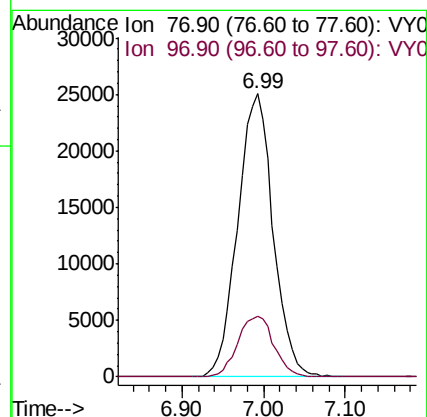
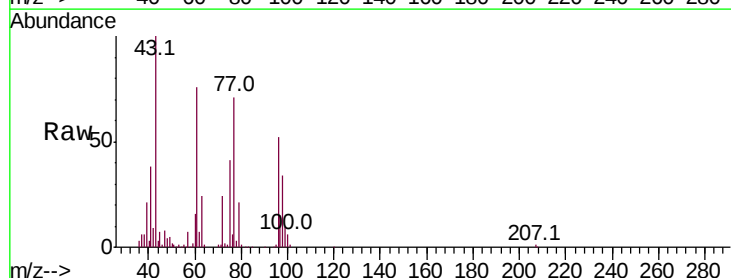
Acq: 05 Nov 2020 12:07

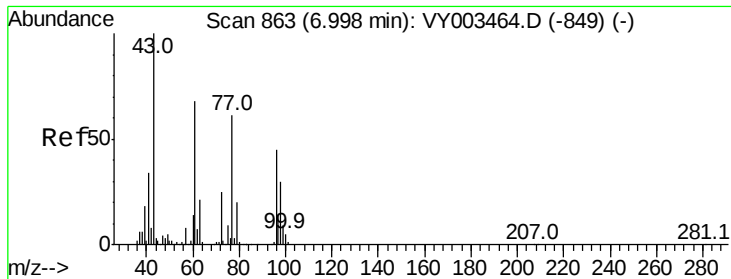
Tgt Ion: 77 Resp: 75289

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6



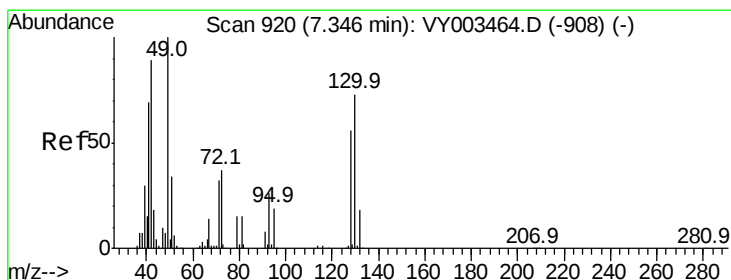
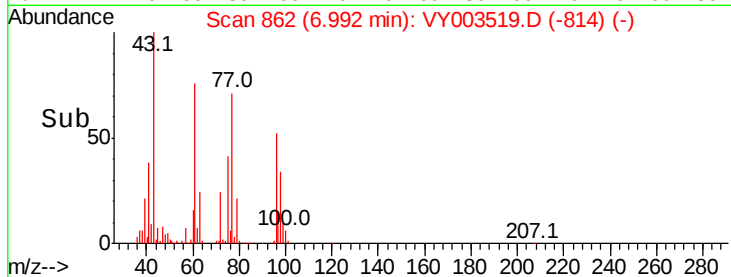
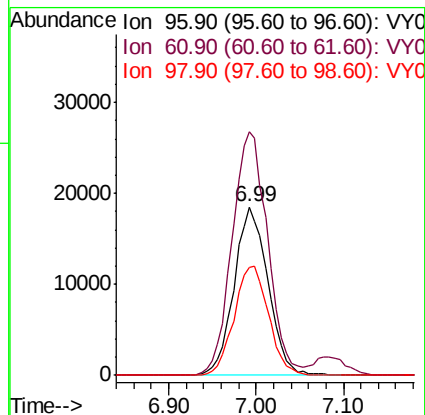
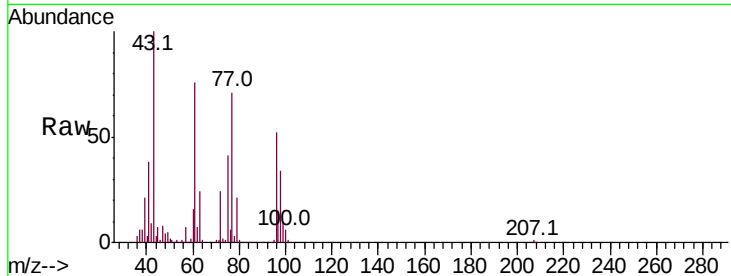


#27

cis-1,2-Dichloroethene
 Concen: 21.577 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :

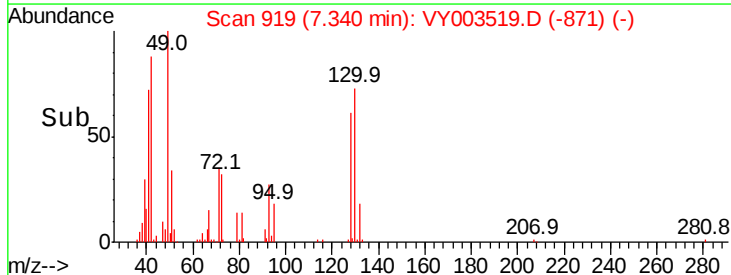
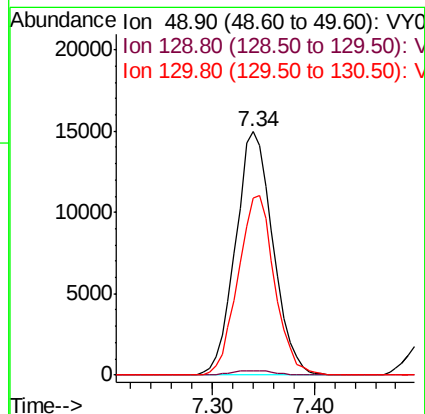
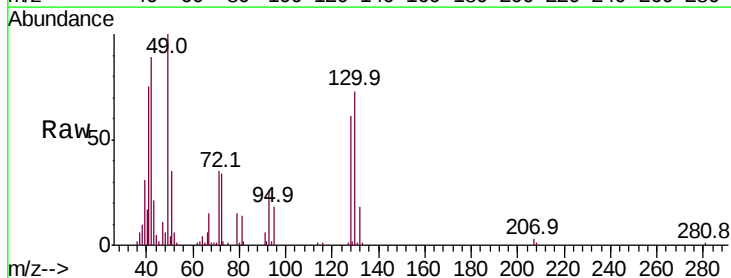
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	299.2
98	65.8	0.0	128.6

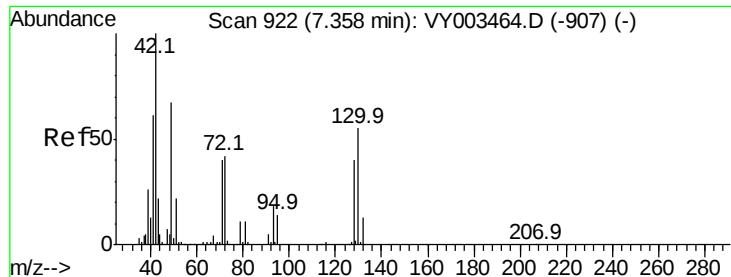


#28

Bromochloromethane
 Concen: 20.196 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	72.1	60.0	90.0

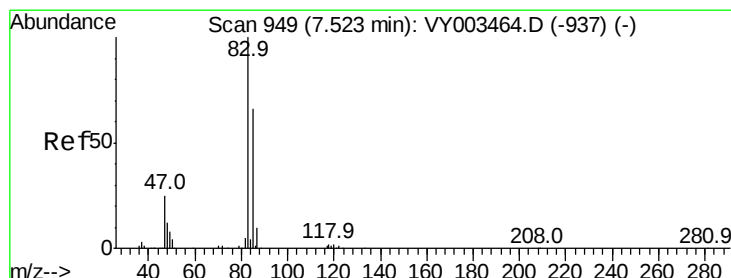
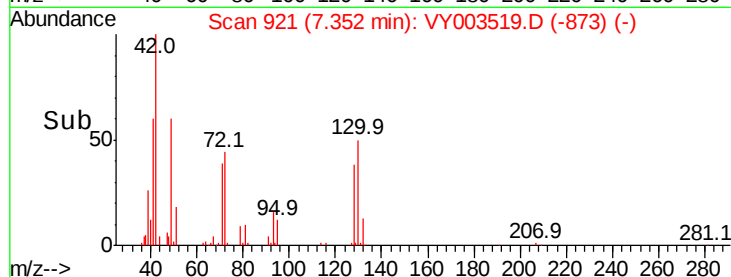
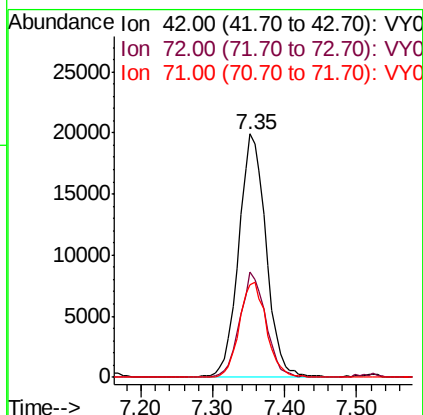
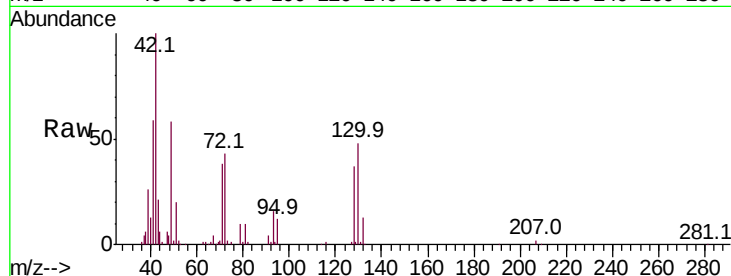




#29
Tetrahydrofuran
Concen: 105.358 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

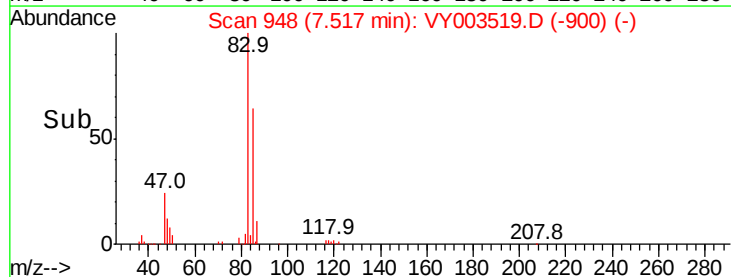
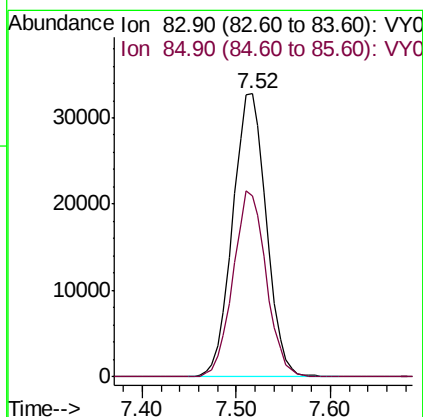
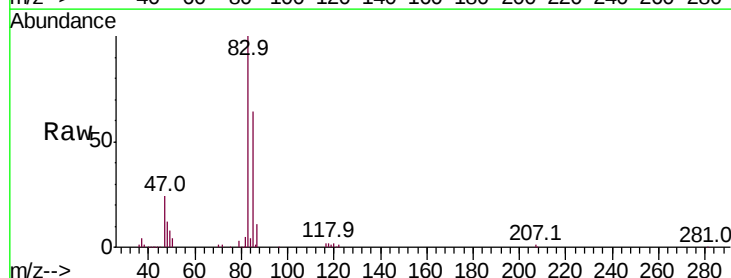
Instrument :
MSVOA_Y
ClientSampled :

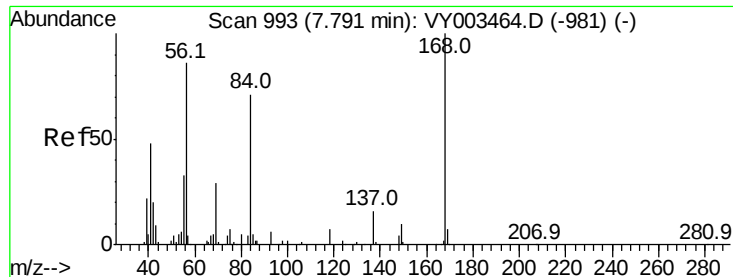
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.8	49.2
71	38.5	30.7	46.1



#30
Chloroform
Concen: 22.239 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	79.0





#31

Cyclohexane

Concen: 20.097 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampled :

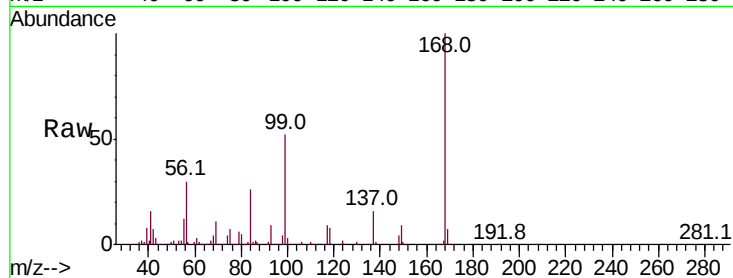
Tot Ion: 56 Resp: 69660

Ion Ratio Lower Upper

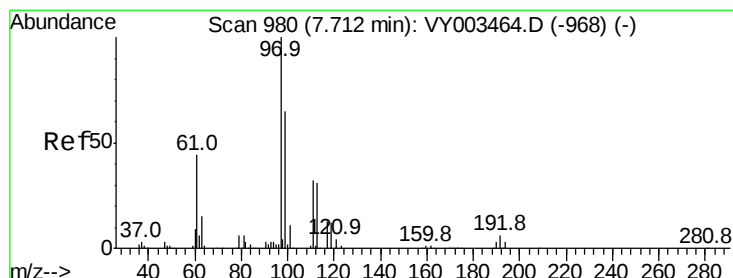
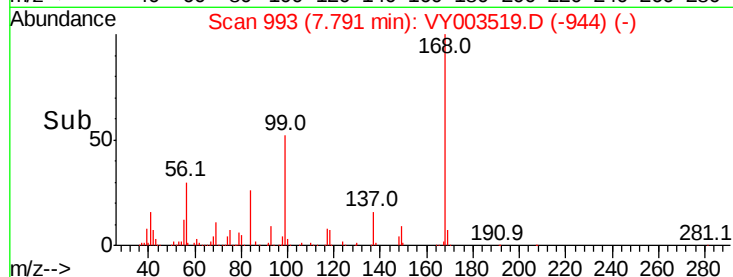
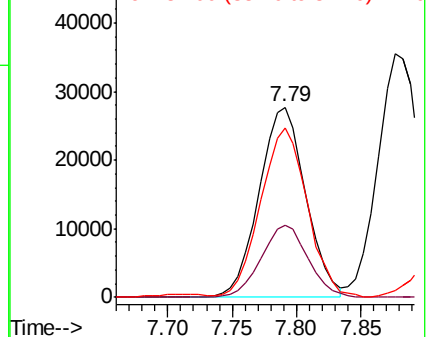
56 100

69 37.8 26.6 39.8

84 87.2 65.9 98.9



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: 21.801 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

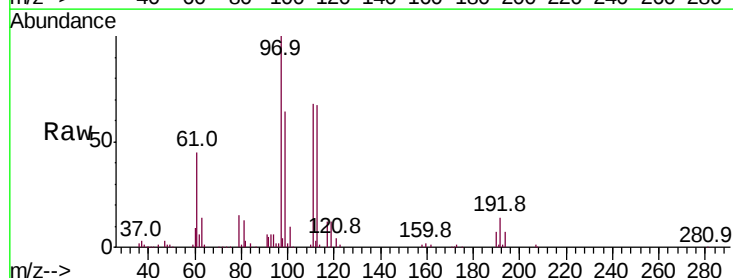
Tgt Ion: 97 Resp: 74781

Ion Ratio Lower Upper

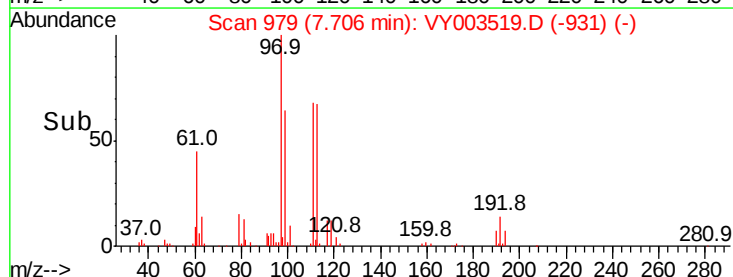
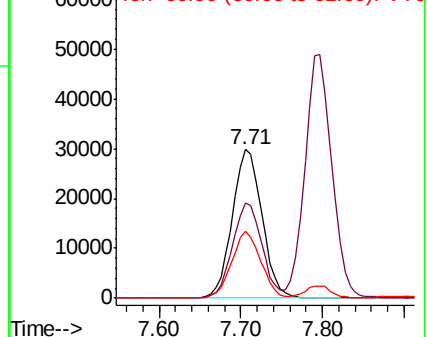
97 100

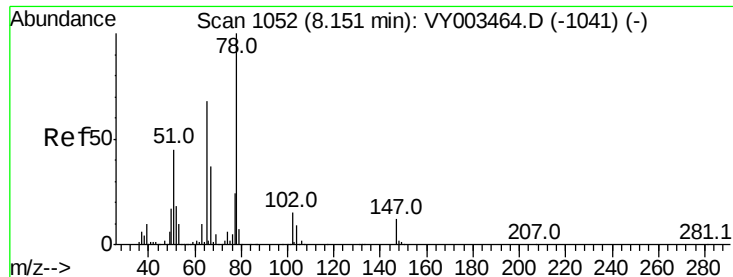
99 63.1 51.6 77.4

61 44.1 35.1 52.7



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





#33

1,2-Dichloroethane-d4

Concen: 49.596 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

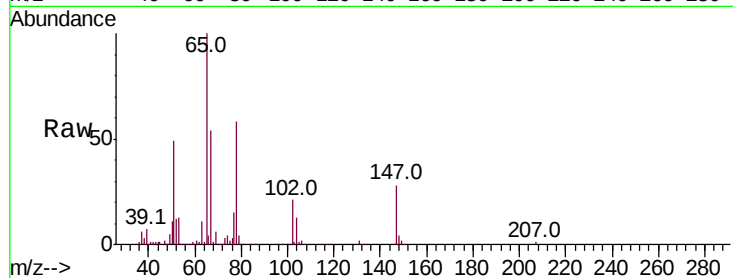
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 114692

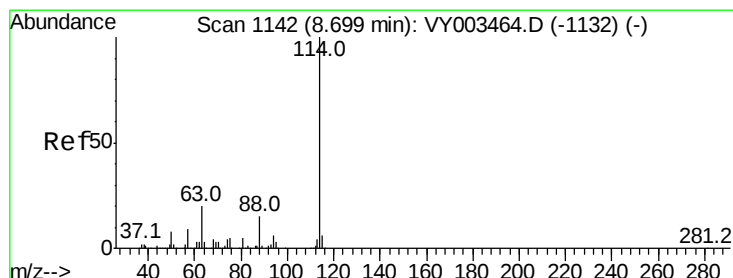
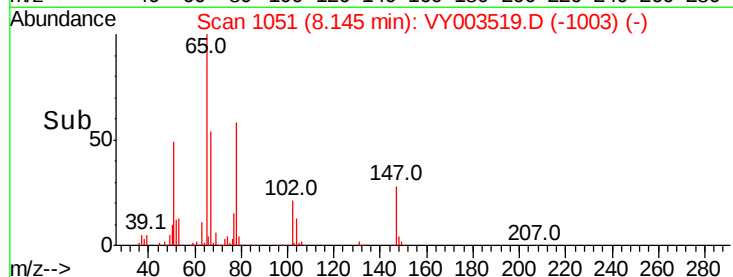
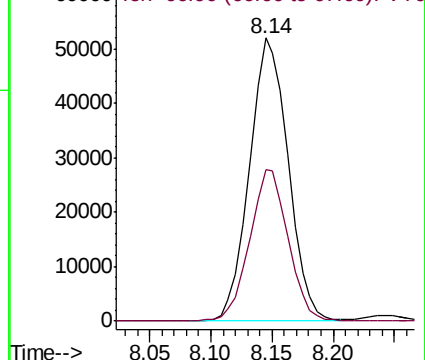
Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

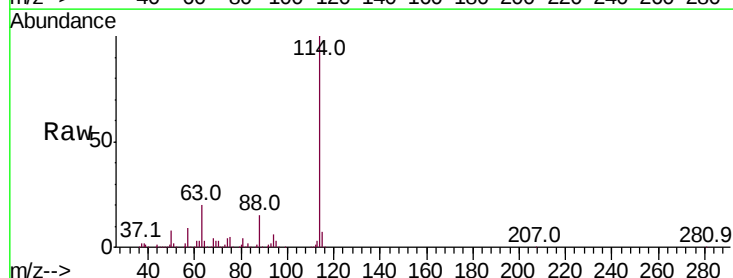
Tgt Ion: 114 Resp: 325005

Ion Ratio Lower Upper

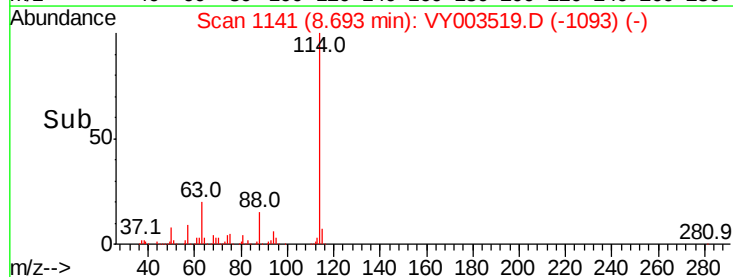
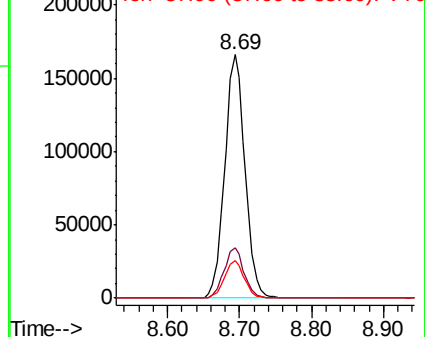
114 100

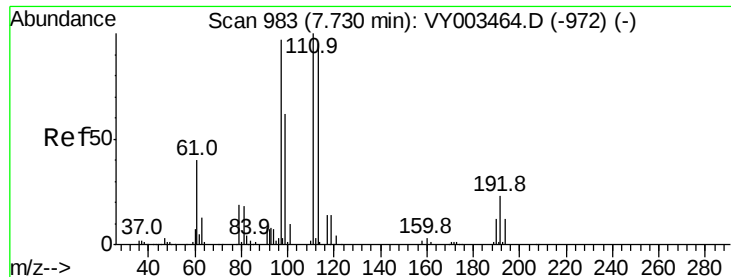
63 20.4 0.0 40.6

88 15.4 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

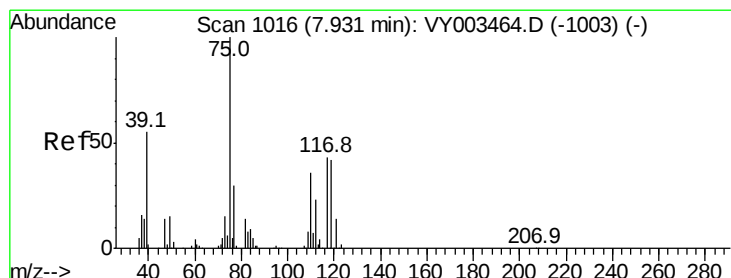
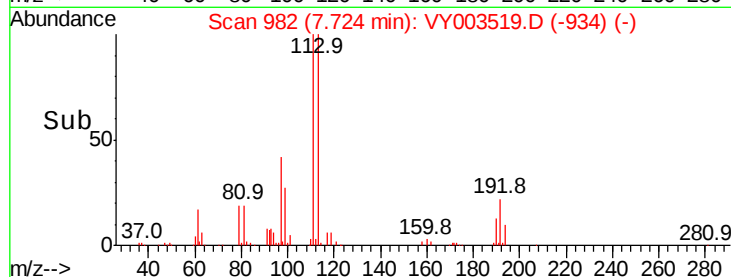
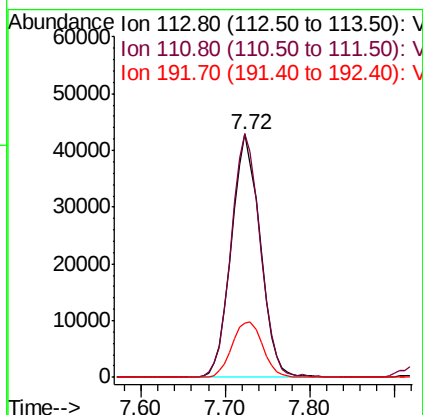
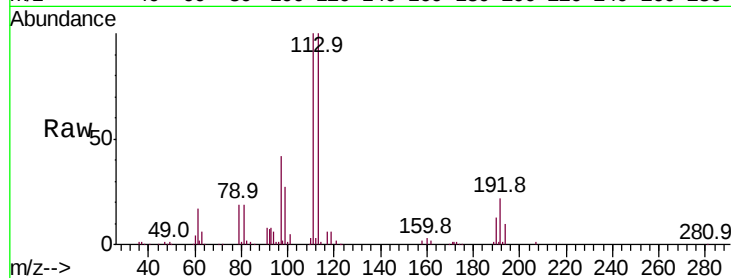




#35
 Dibromofluoromethane
 Concen: 50.174 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

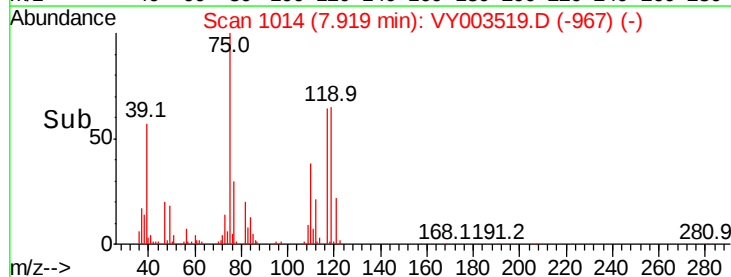
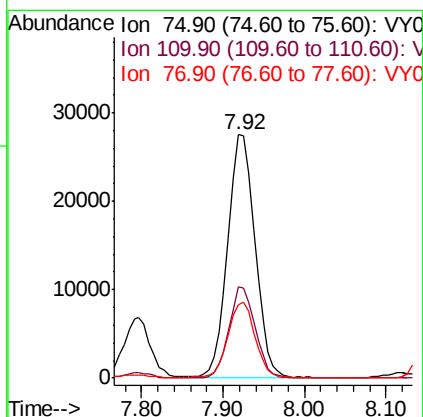
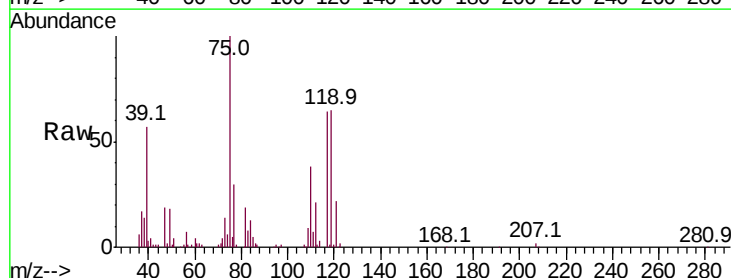
Instrument :
 MSVOA_Y
 ClientSampled :

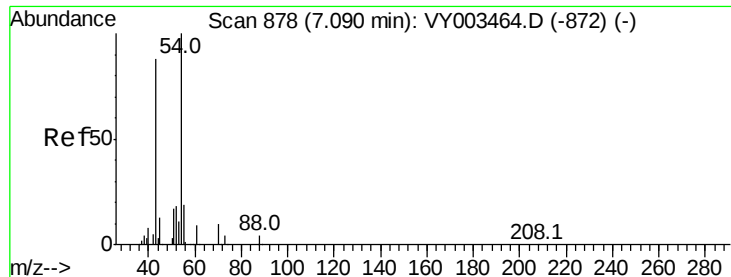
Tot Ion:113 Resp: 99231
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.6
 192 24.2 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 20.977 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion: 75 Resp: 64278
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.6 52.9
 77 30.9 24.7 37.1

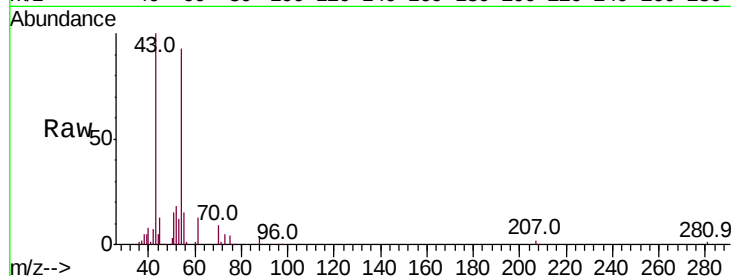




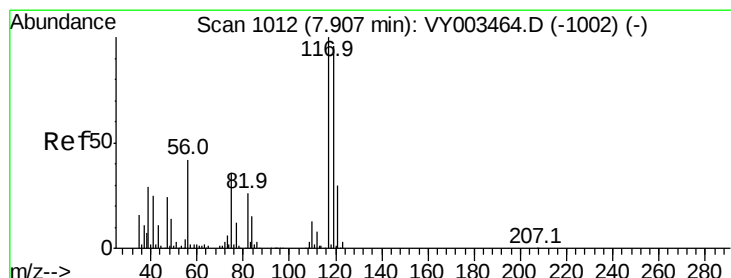
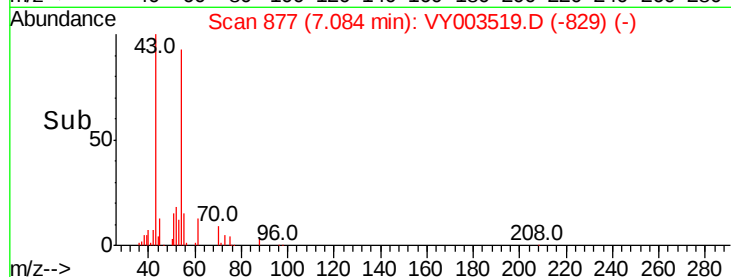
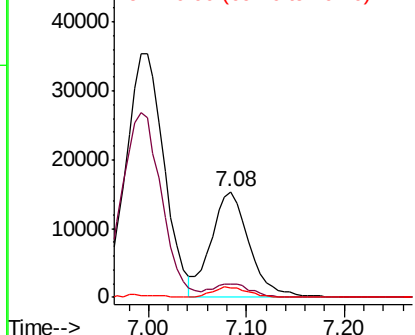
#37
Ethyl Acetate
Concen: 21.653 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 41202
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 9.2 7.9 11.9

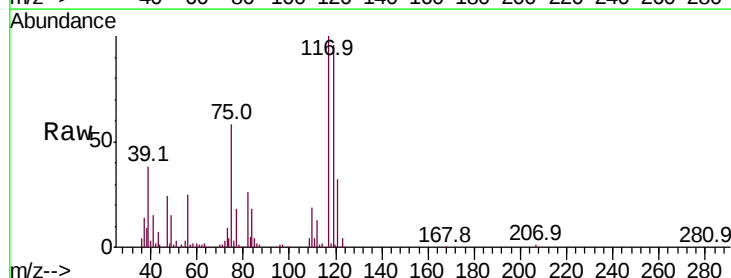


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

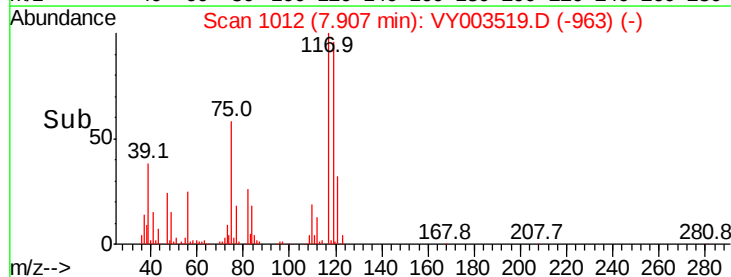
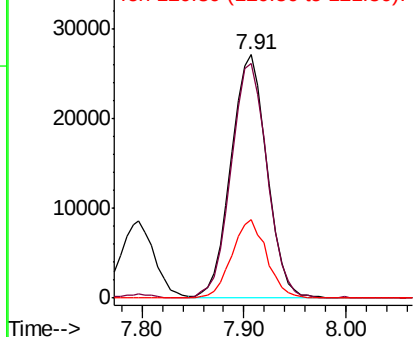


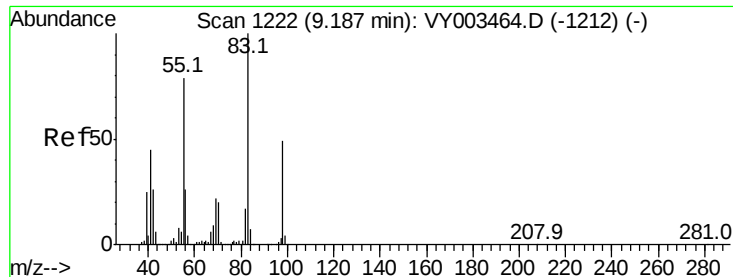
#38
Carbon Tetrachloride
Concen: 20.812 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion: 117 Resp: 66160
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
121 32.1 24.2 36.4



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

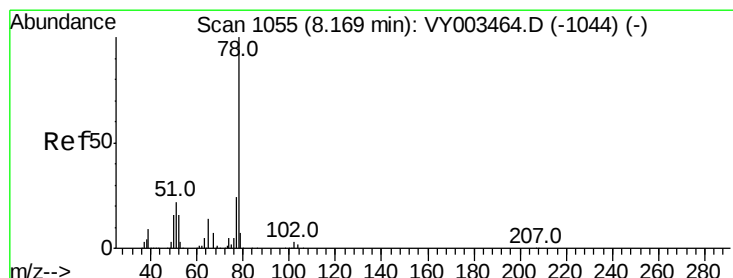
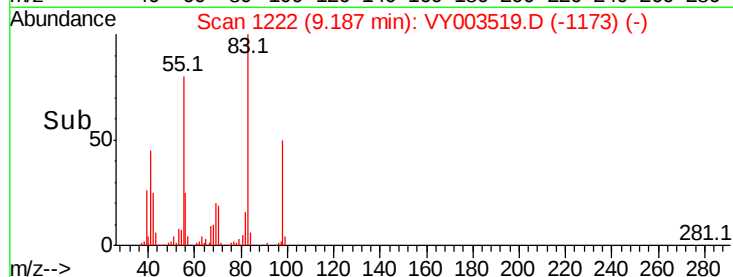
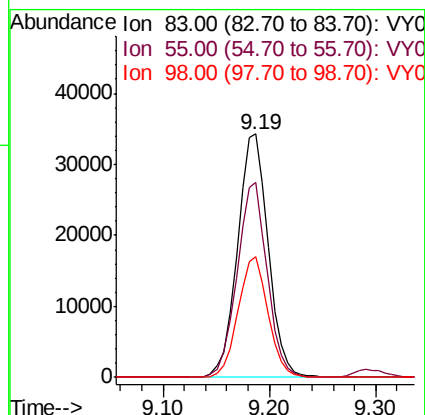
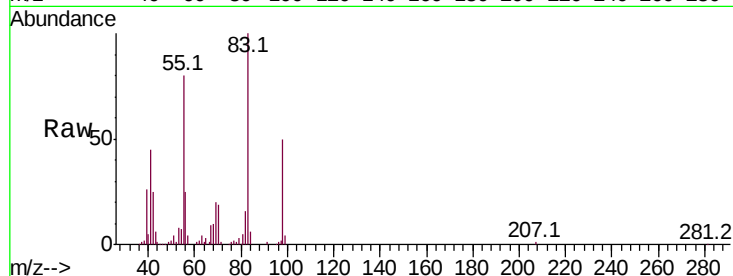




#39
Methvlcvclohexane
Concen: 20.324 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

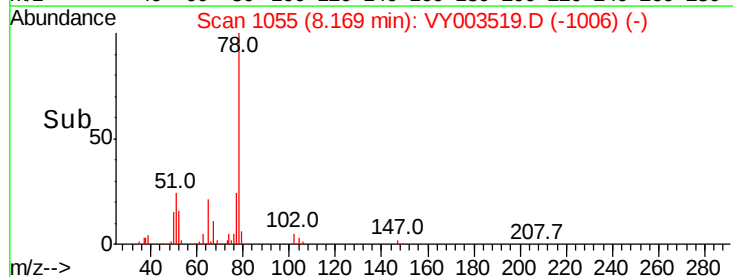
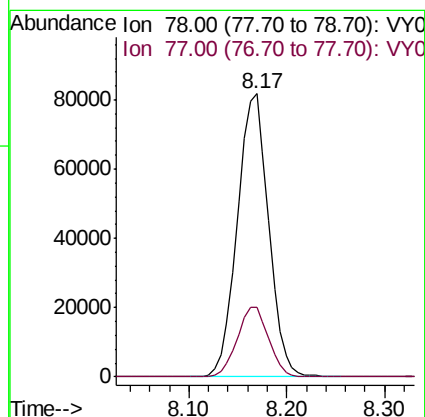
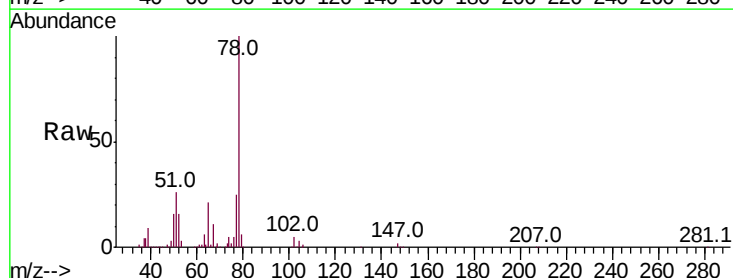
Instrument :
MSVOA_Y
ClientSampleId :

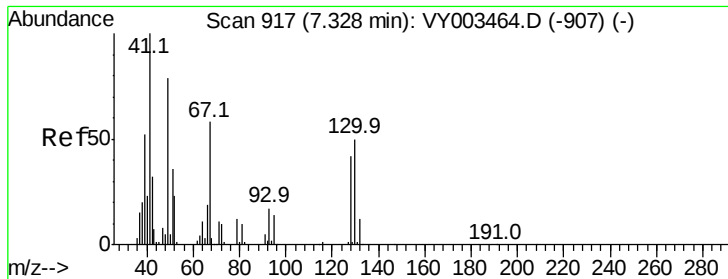
Tot Ion	83	Resp	69345
Ion Ratio	100	Lower	Upper
55	79.9	63.5	95.3
98	49.8	39.4	59.2



#40
Benzene
Concen: 21.323 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	78	Resp	181836
Ion Ratio	100	Lower	Upper
77	24.5	19.4	29.0

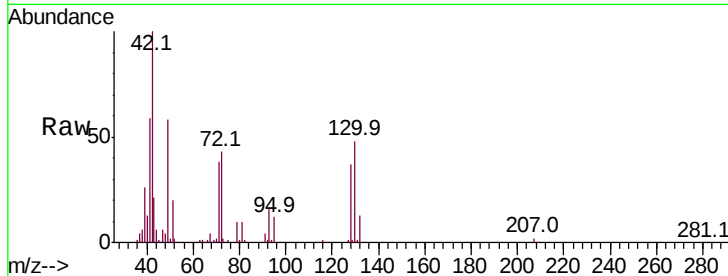




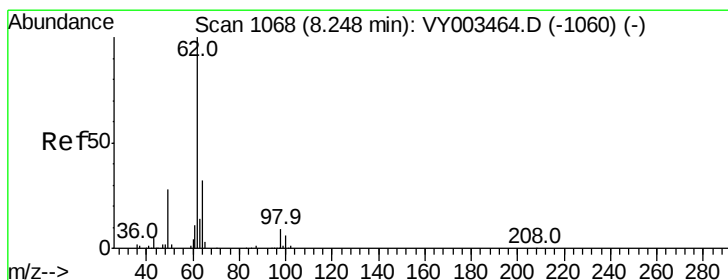
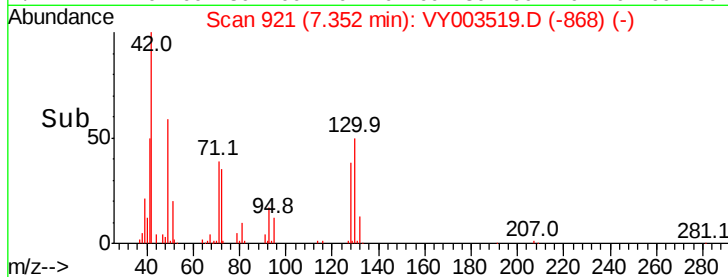
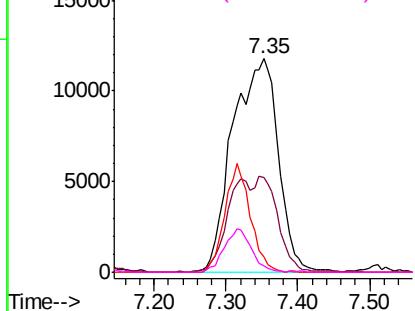
#41
Methacrylonitrile
Concen: 51.022 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	51844
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

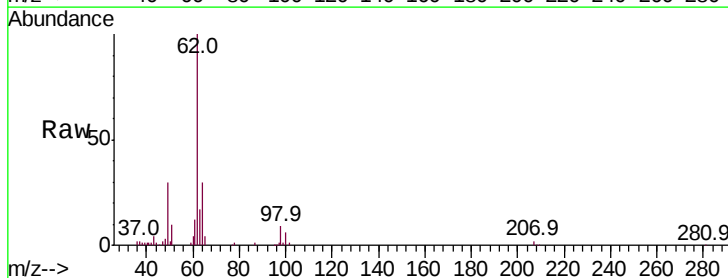


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

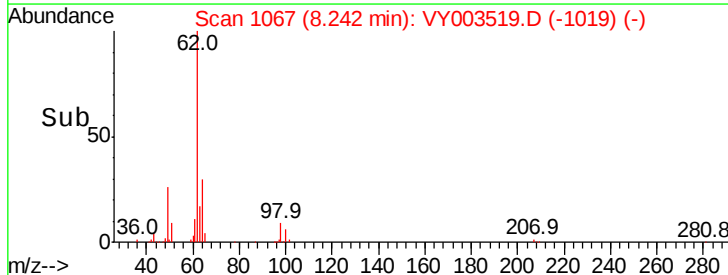
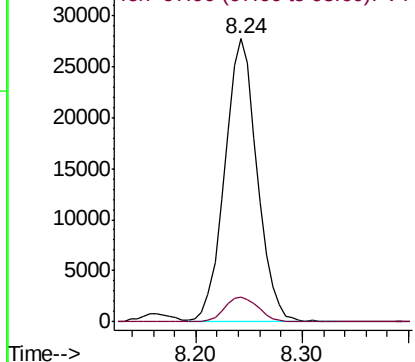


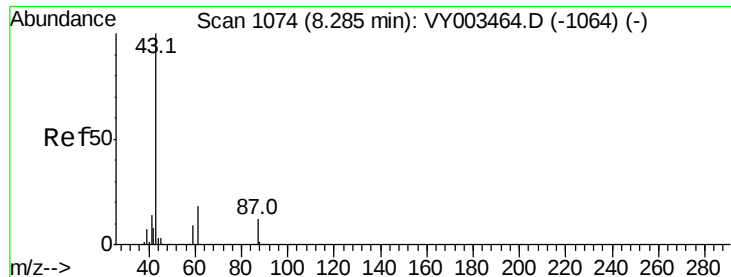
#42
1,2-Dichloroethane
Concen: 22.098 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion:	62	Resp:	59047
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 21.479 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

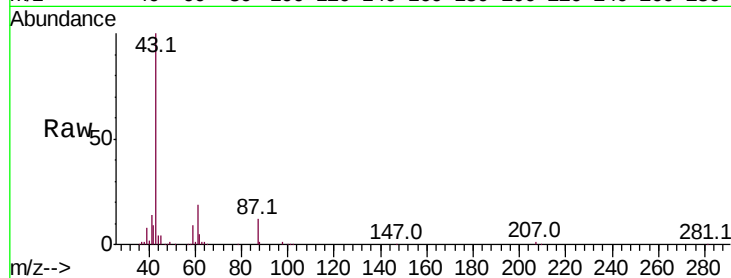
Tot Ion: 43 Resp: 73452

Ion Ratio Lower Upper

43 100

61 27.6 21.9 32.9

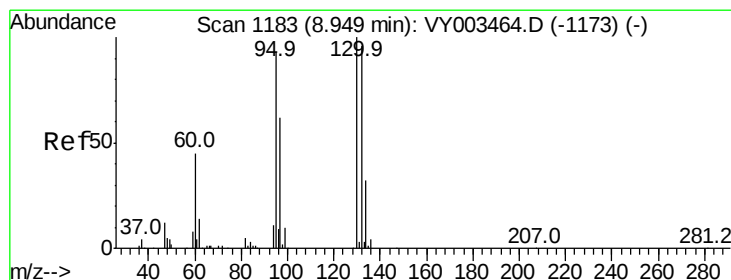
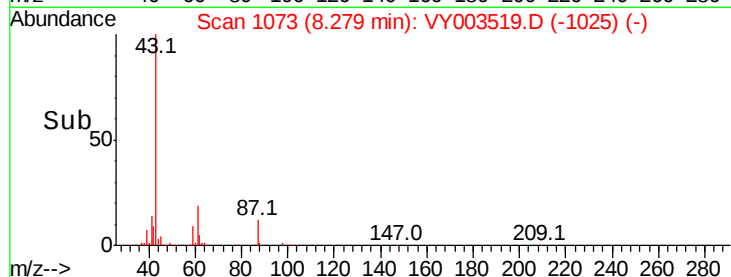
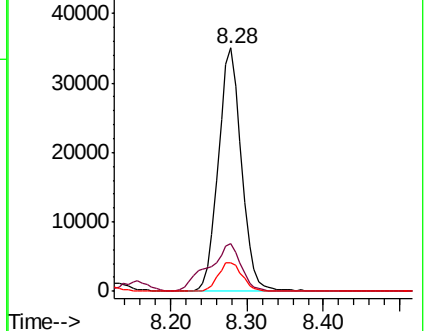
87 12.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003519.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003519.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003519.D (-1064) (-)



#44

Trichloroethene

Concen: 21.354 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003519.D

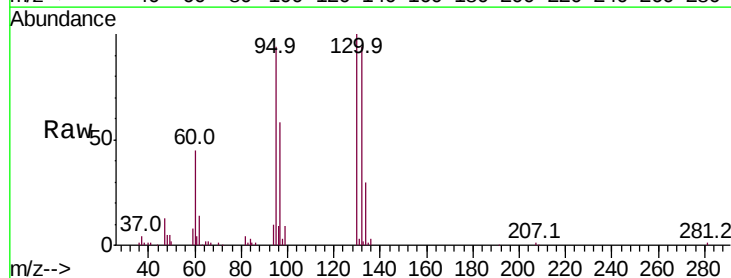
Acq: 05 Nov 2020 12:07

Tgt Ion:130 Resp: 51121

Ion Ratio Lower Upper

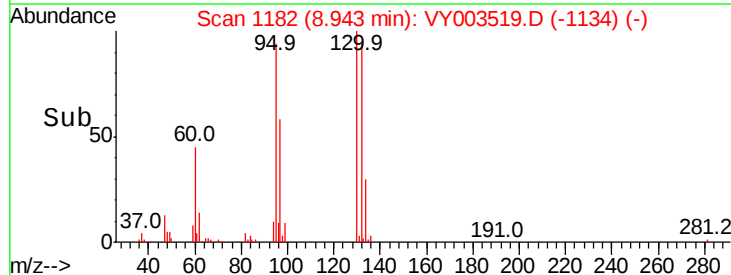
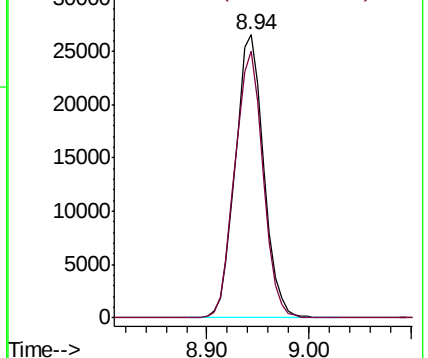
130 100

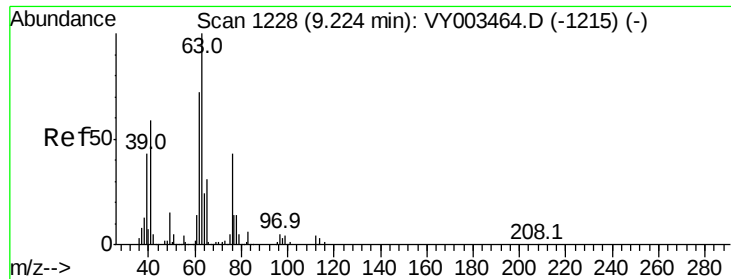
95 94.3 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003519.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY003519.D (-1134) (-)

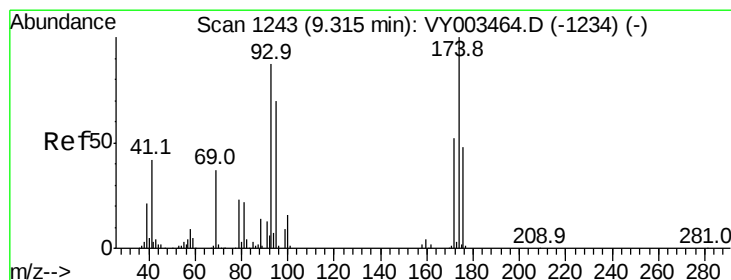
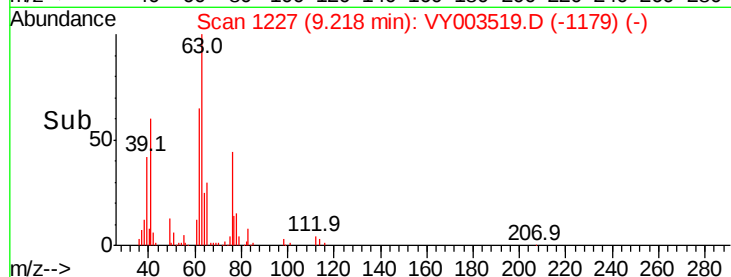
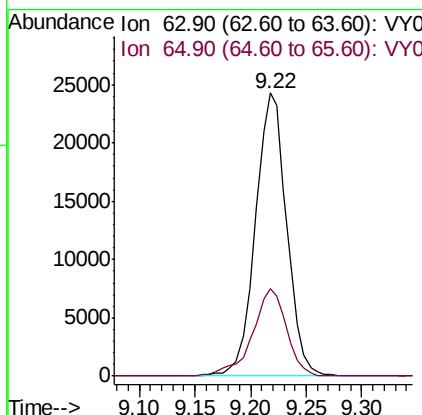
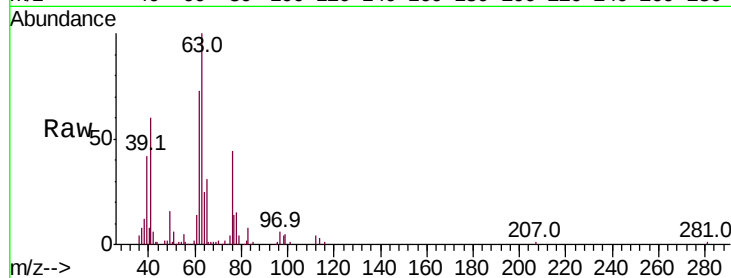




#45
 1,2-Dichloropropane
 Concen: 22.028 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

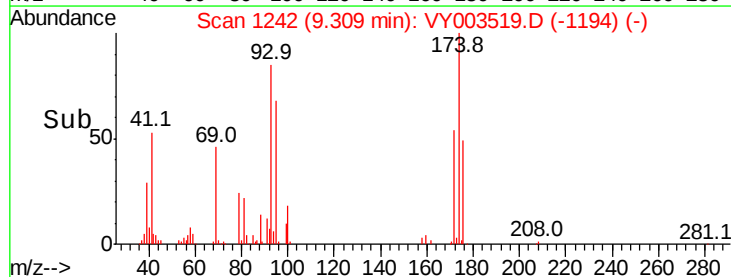
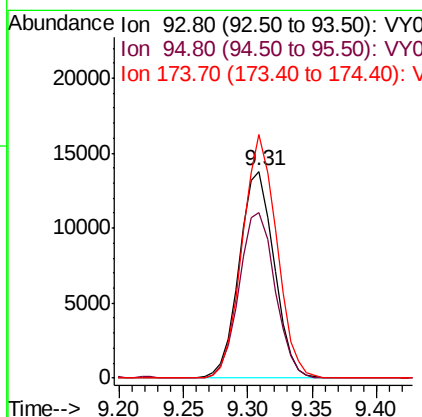
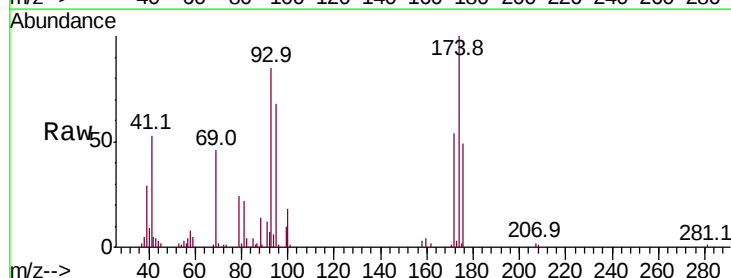
Instrument :
 MSVOA_Y
 ClientSampled :

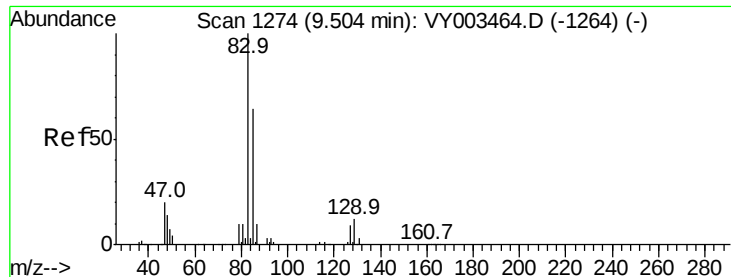
Tot Ion: 63 Resp: 47439
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 21.842 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion: 93 Resp: 25878
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.0 97.6
 174 115.4 91.8 137.6





#47

Bromodichloromethane

Concen: 22.219 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

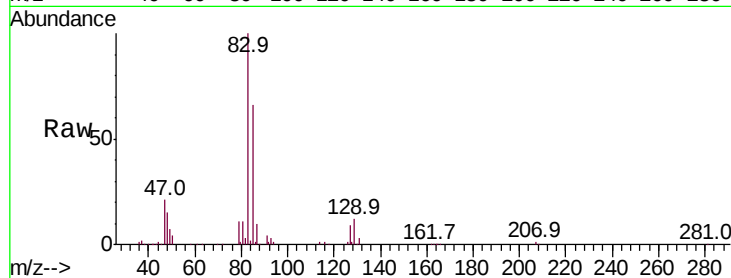
Tot Ion: 83 Resp: 64433

Ion Ratio Lower Upper

83 100

85 66.2 51.0 76.6

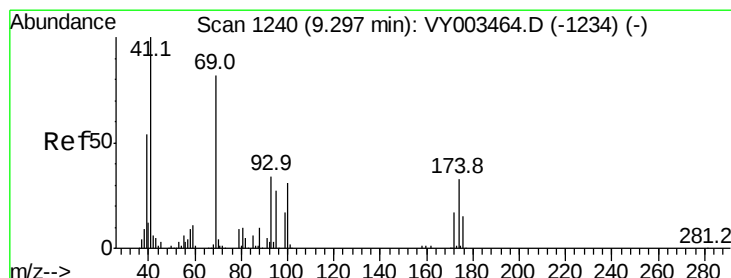
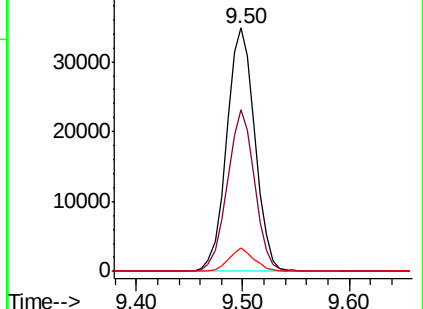
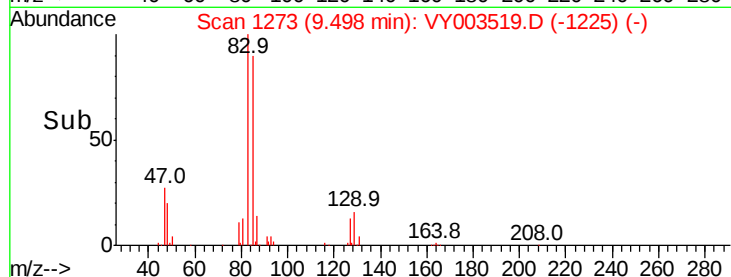
127 9.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003519.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY003519.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY003519.D (-1225) (-)



#48

Methyl methacrylate

Concen: 21.025 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

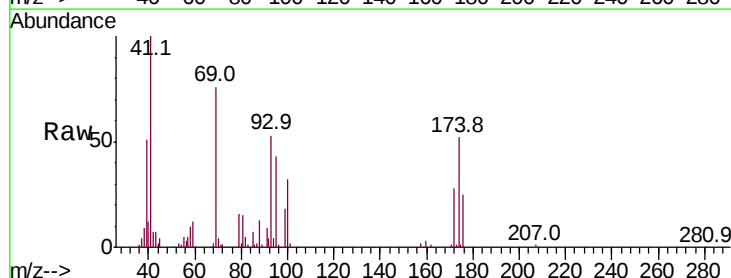
Tgt Ion: 41 Resp: 33868

Ion Ratio Lower Upper

41 100

69 82.0 65.9 98.9

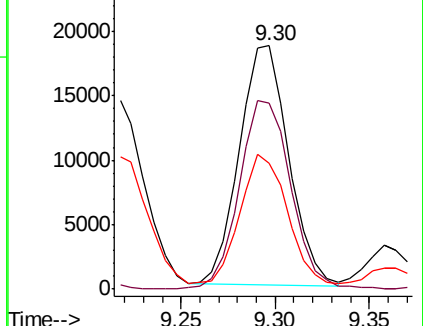
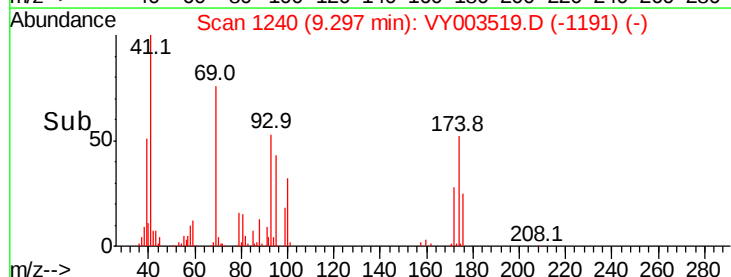
39 56.4 43.2 64.8

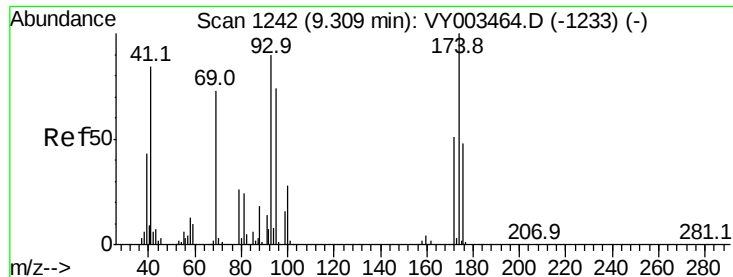


Abundance Ion 41.00 (40.70 to 41.70): VY003519.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY003519.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY003519.D (-1191) (-)





#49

1,4-Dioxane

Concen: 425.619 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :

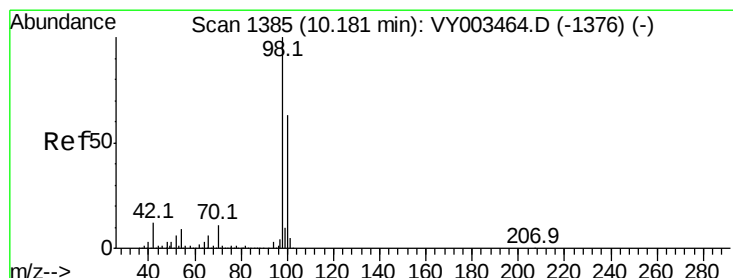
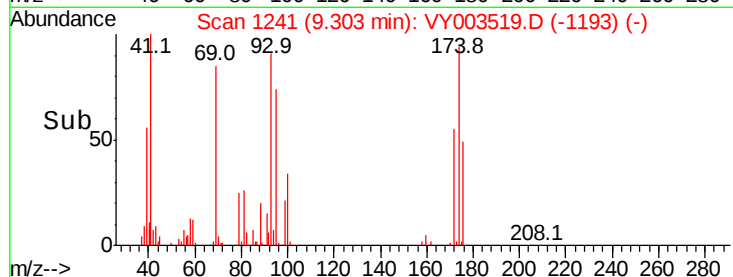
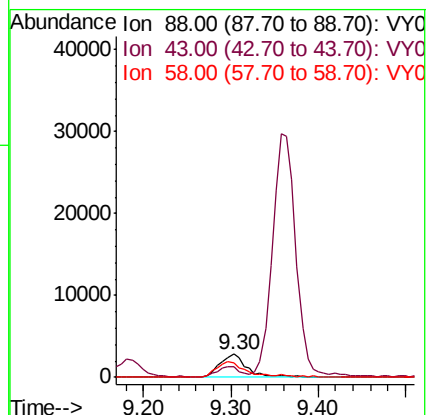
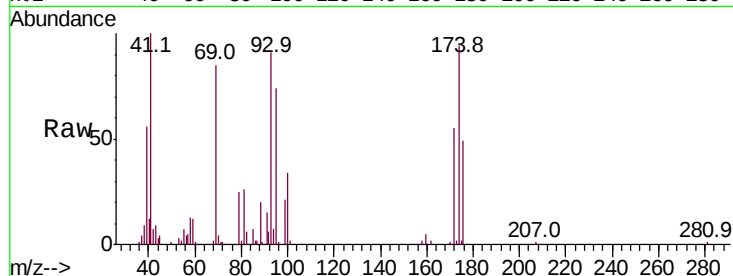
Tot Ion: 88 Resp: 6292

Ion Ratio Lower Upper

88 100

43 39.3 27.6 41.4

58 70.2 54.2 81.2



#50

Toluene-d8

Concen: 48.371 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003519.D

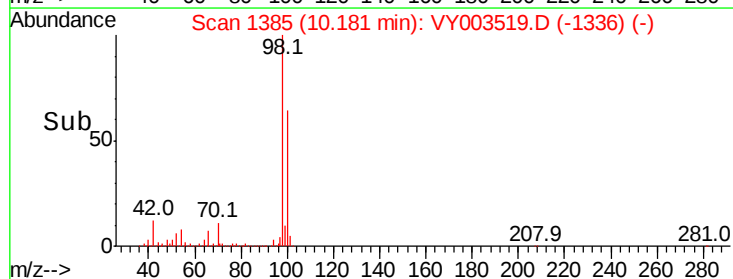
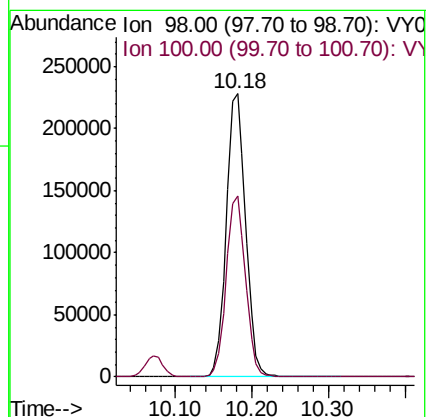
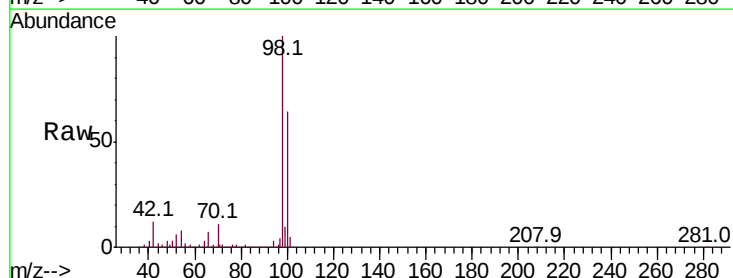
Acq: 05 Nov 2020 12:07

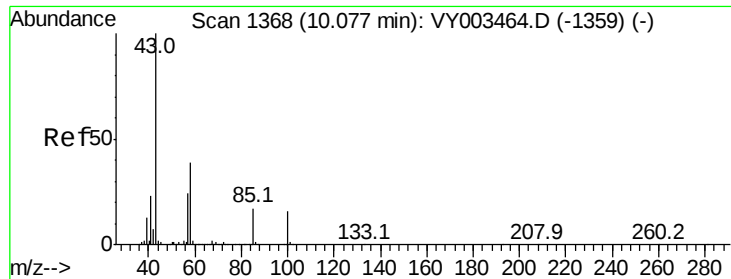
Tgt Ion: 98 Resp: 397971

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 108.627 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

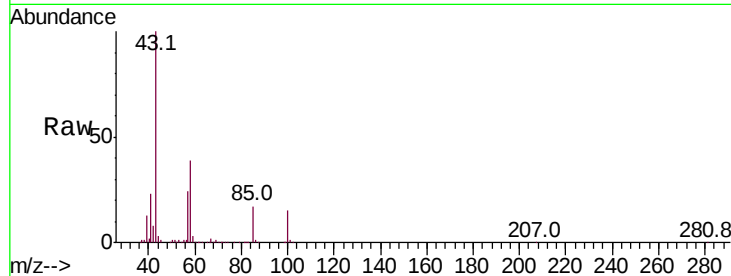
ClientSampleId :

Tot Ion: 43 Resp: 197917

Ion Ratio Lower Upper

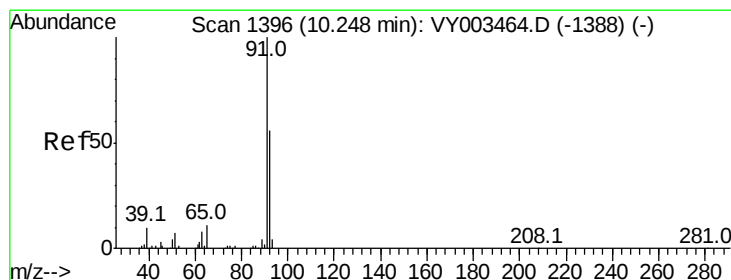
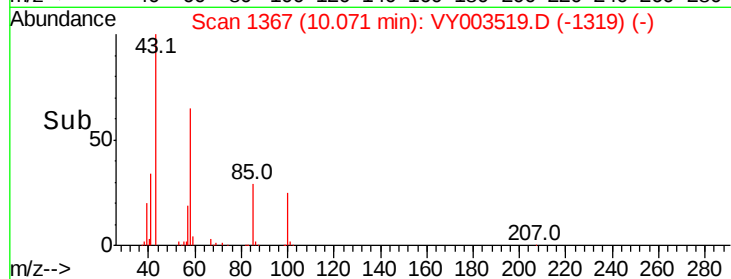
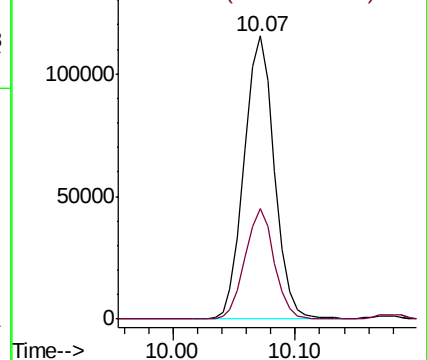
43 100

58 37.8 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.628 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003519.D

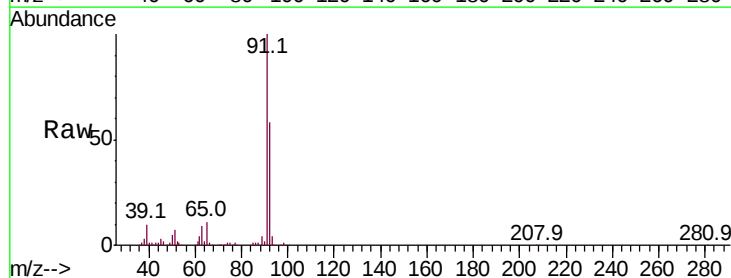
Acq: 05 Nov 2020 12:07

Tgt Ion: 92 Resp: 115359

Ion Ratio Lower Upper

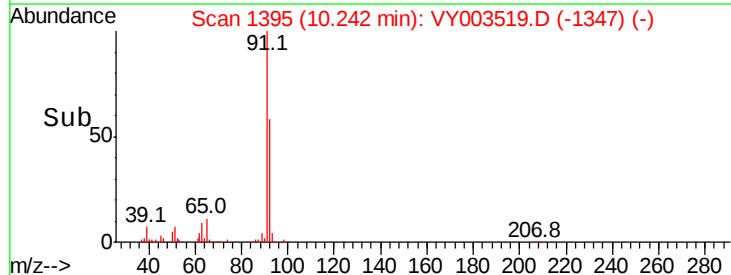
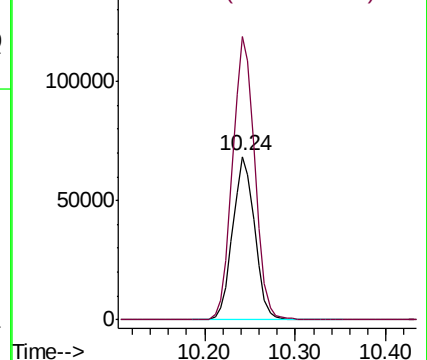
92 100

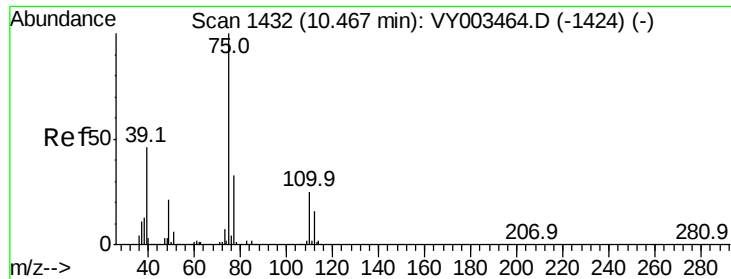
91 175.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 21.681 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

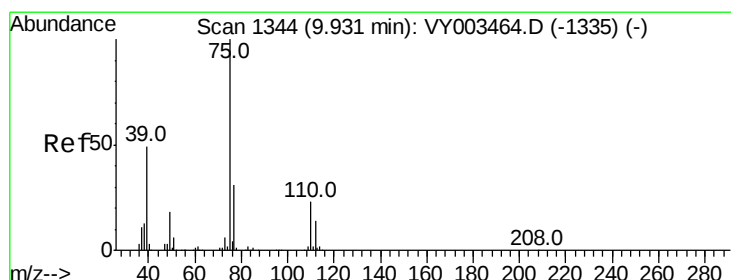
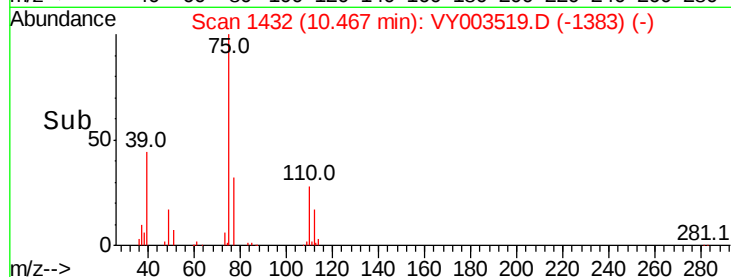
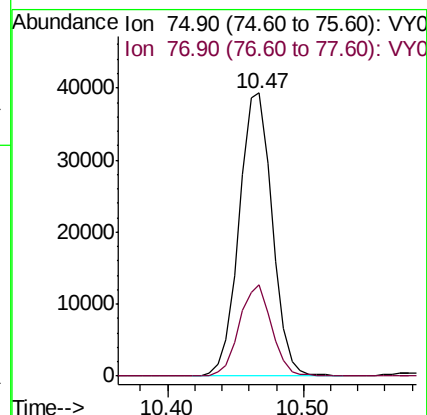
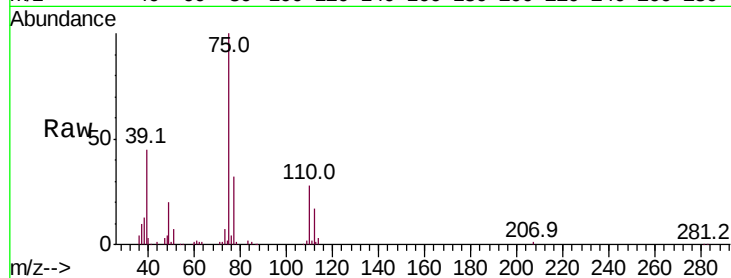
ClientSampleId :

Tot Ion: 75 Resp: 66910

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 22.131 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

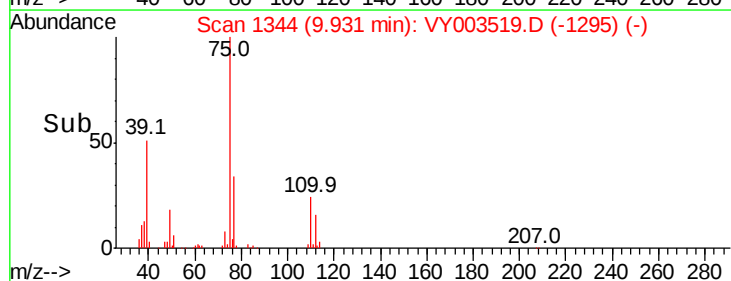
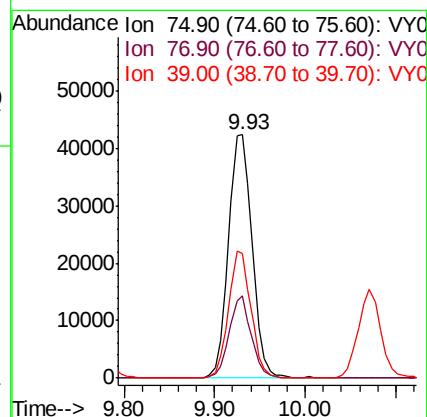
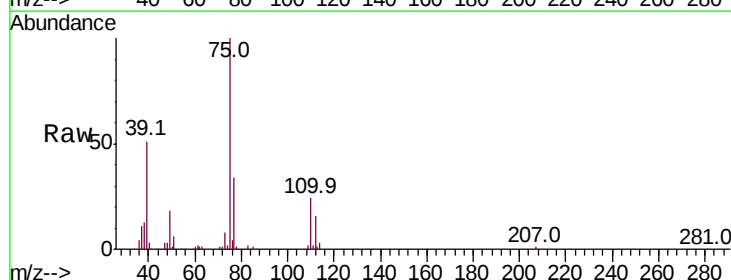
Tgt Ion: 75 Resp: 76854

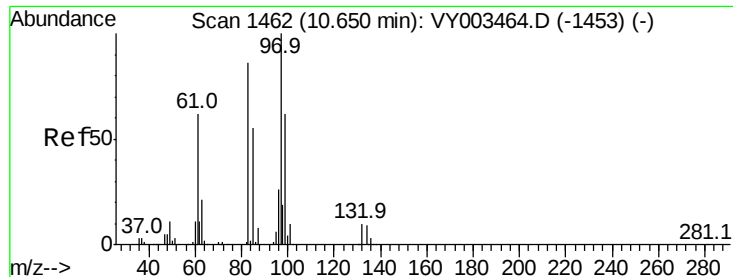
Ion Ratio Lower Upper

75 100

77 33.8 24.5 36.7

39 51.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.990 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 36984

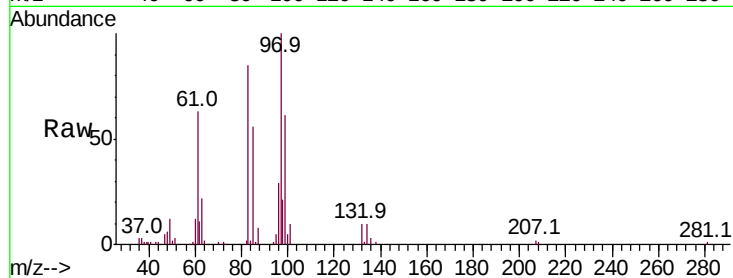
Ion Ratio Lower Upper

97 100

83 85.2 68.6 102.8

85 56.0 43.8 65.6

99 61.4 49.9 74.9

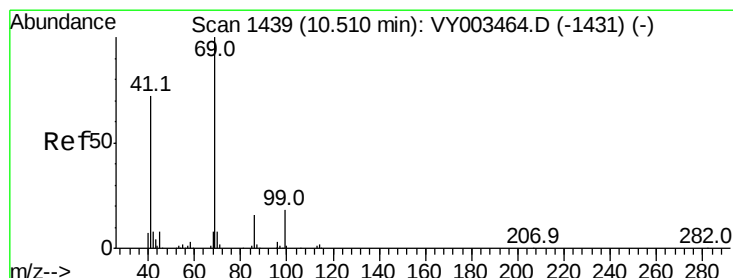
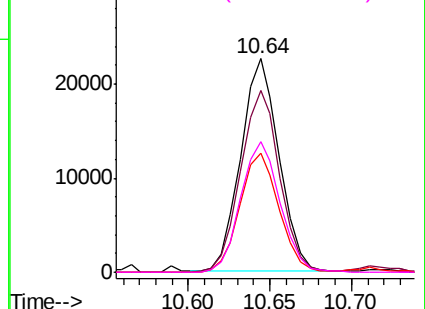
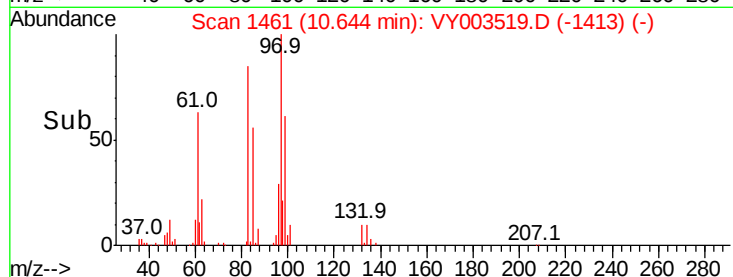


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.788 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

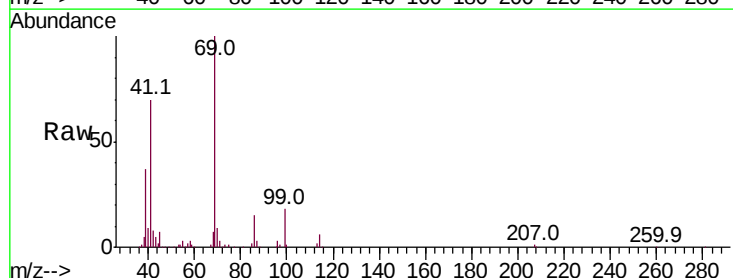
Tgt Ion: 69 Resp: 49083

Ion Ratio Lower Upper

69 100

41 69.4 55.4 83.2

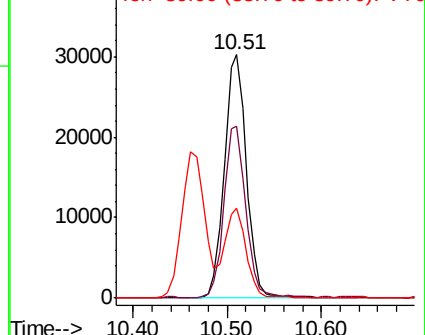
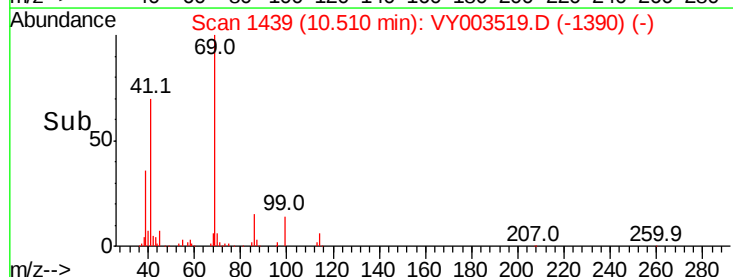
39 36.5 28.7 43.1

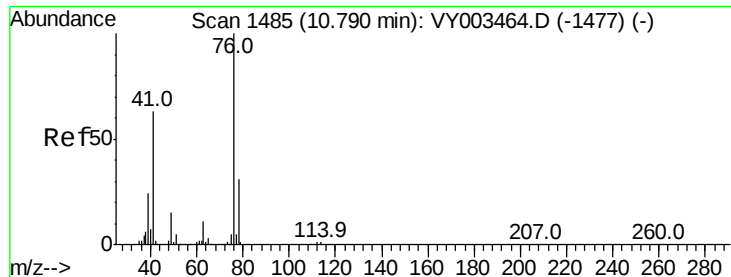


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 22.121 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

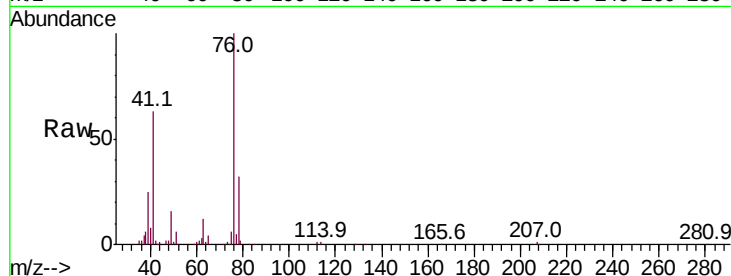
ClientSampleId :

Tot Ion: 76 Resp: 64693

Ion Ratio Lower Upper

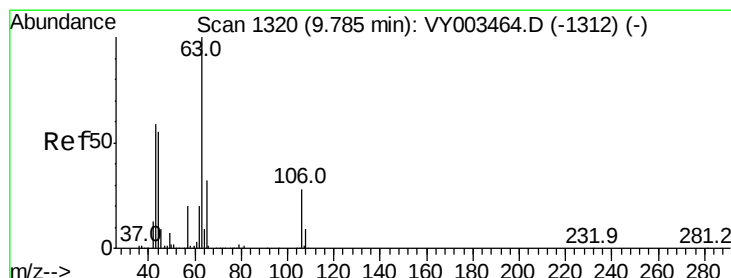
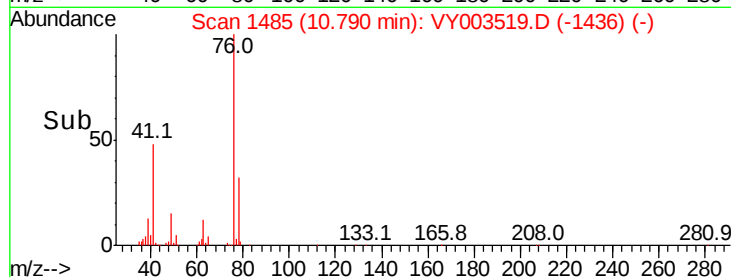
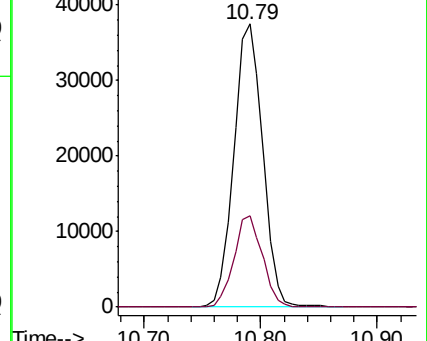
76 100

78 31.7 25.8 38.8



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: 115.110 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003519.D

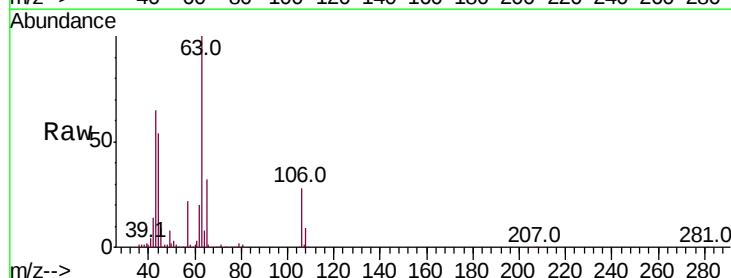
Acq: 05 Nov 2020 12:07

Tgt Ion: 63 Resp: 131456

Ion Ratio Lower Upper

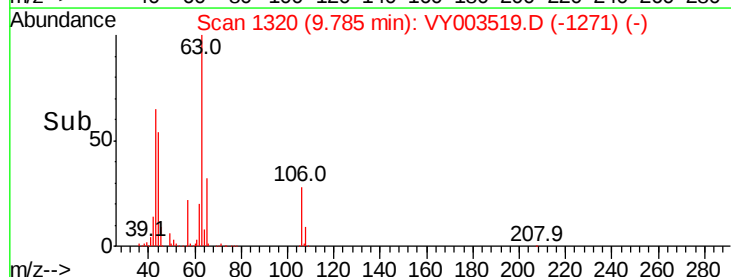
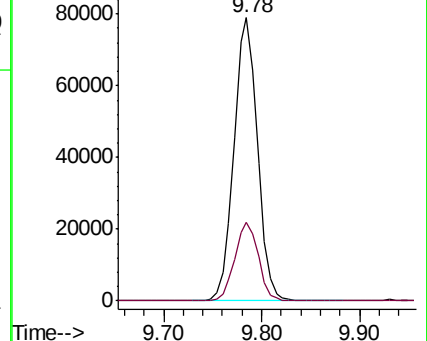
63 100

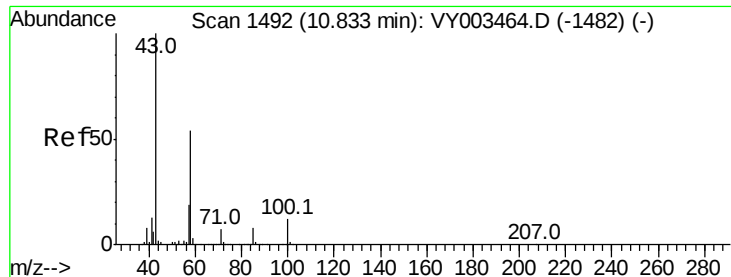
106 27.9 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

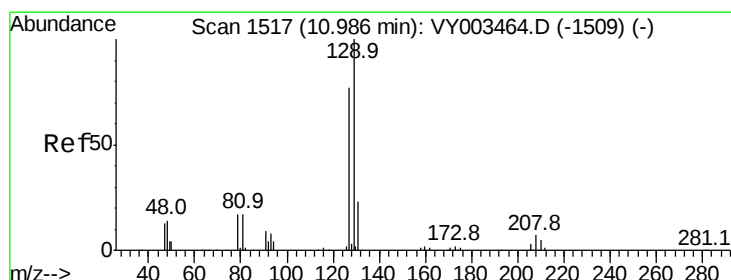
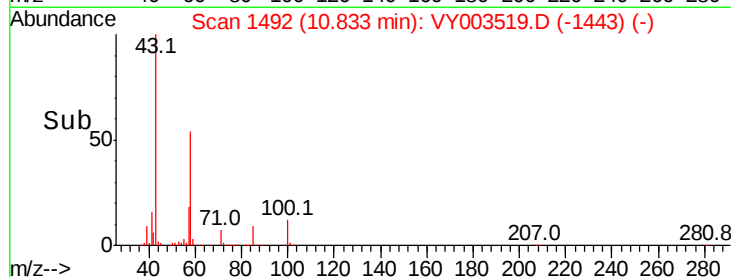
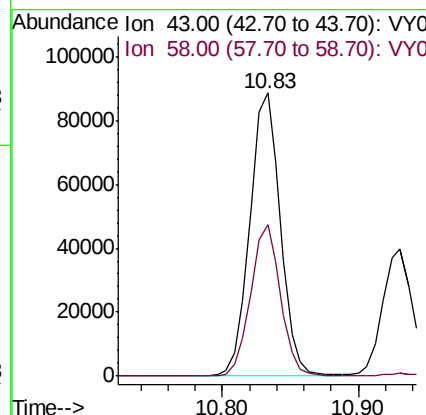
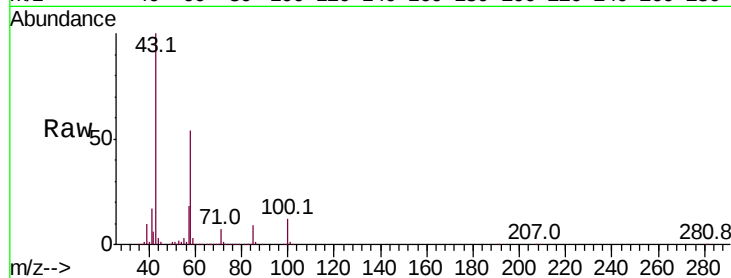




#59
2-Hexanone
Concen: 103.534 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

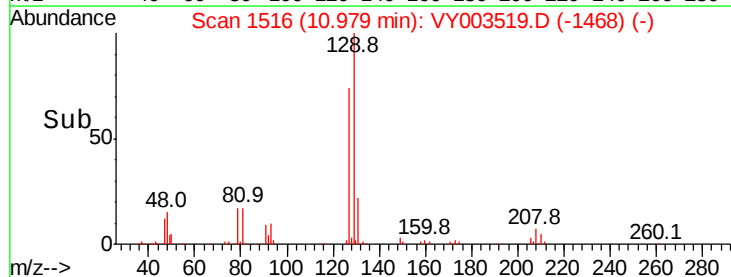
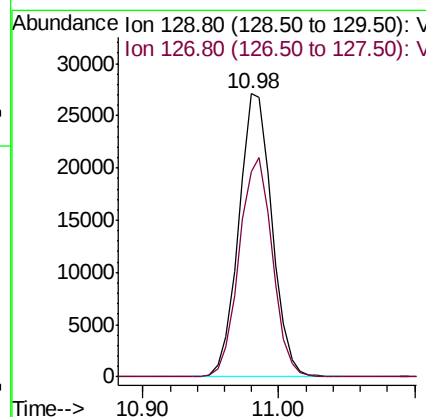
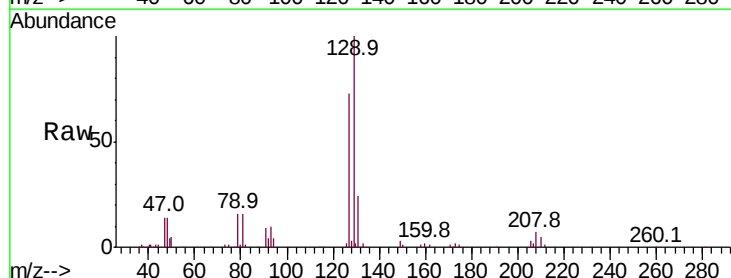
Instrument :
MSVOA_Y
ClientSampleId :

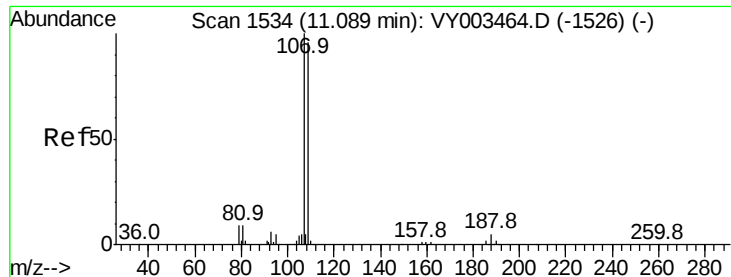
Tot Ion: 43 Resp: 139668
Ion Ratio Lower Upper
43 100
58 52.5 26.8 80.3



#60
Dibromochloromethane
Concen: 22.308 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion: 129 Resp: 46114
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3

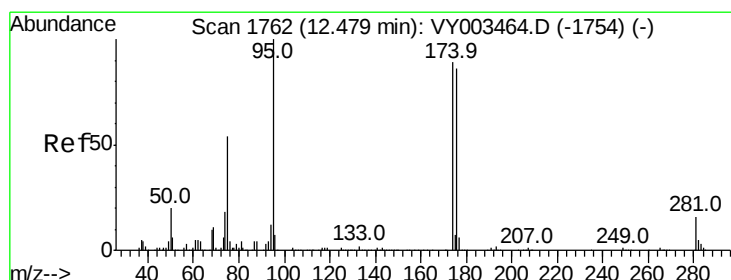
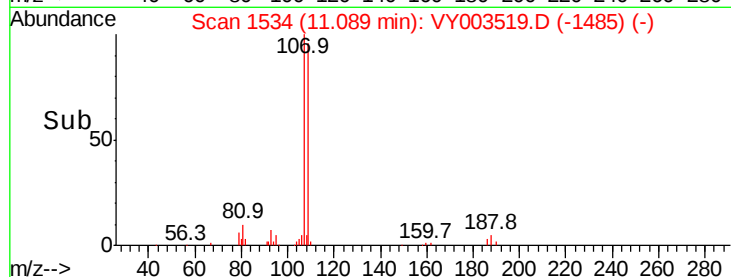
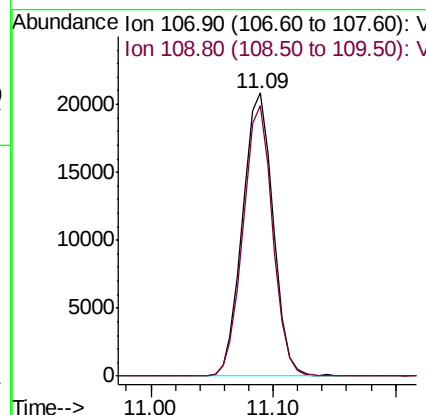
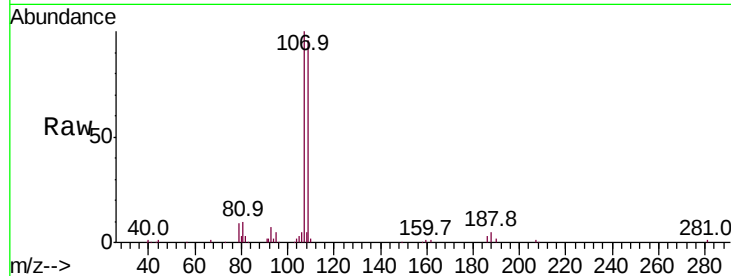




#61
 1,2-Dibromoethane
 Concen: 22.240 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

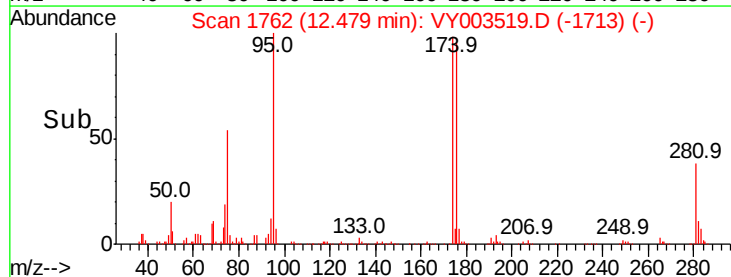
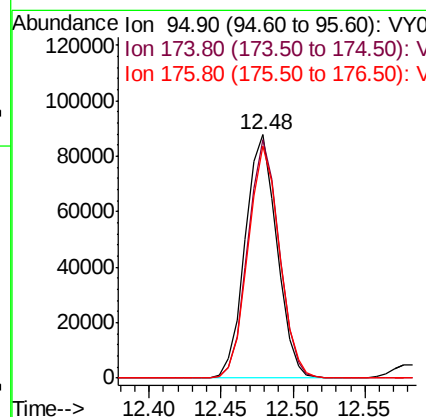
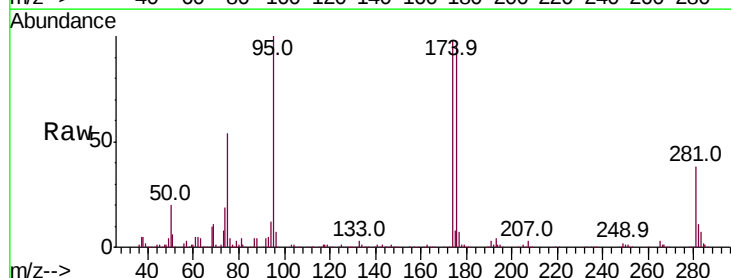
Instrument :
 MSVOA_Y
 ClientSampleId :

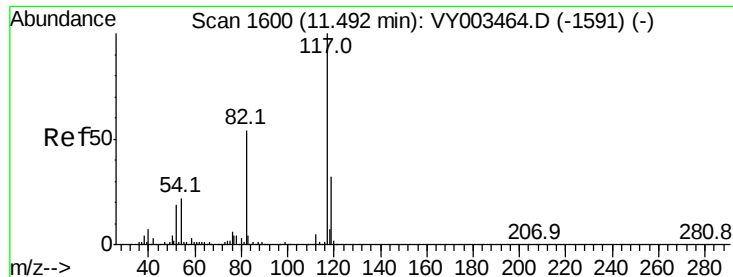
Tot Ion:107 Resp: 36111
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 49.213 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion: 95 Resp: 134155
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 193.0
 176 94.1 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

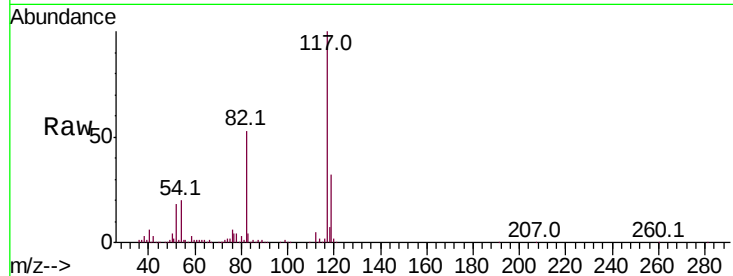
Tot Ion:117 Resp: 301744

Ion Ratio Lower Upper

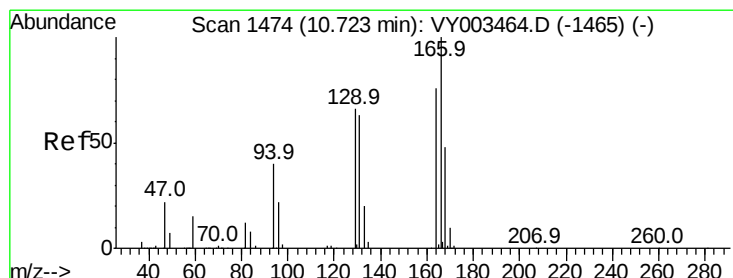
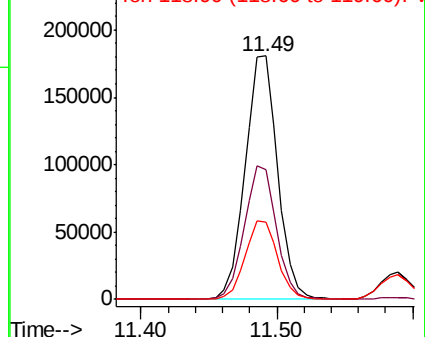
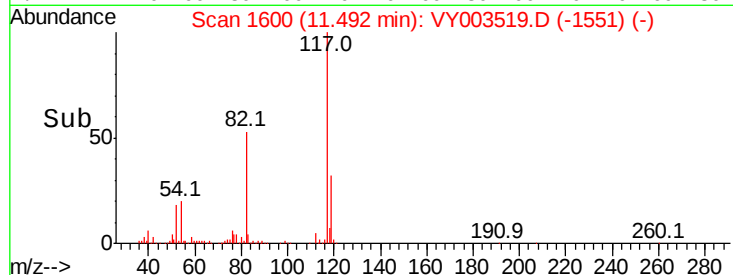
117 100

82 53.2 43.4 65.2

119 31.8 25.8 38.6



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



#64

Tetrachloroethene

Concen: 21.464 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion:164 Resp: 48369

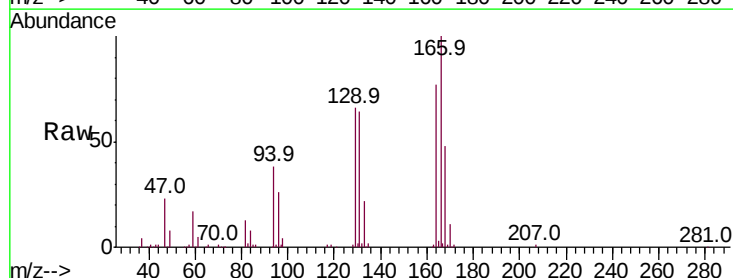
Ion Ratio Lower Upper

164 100

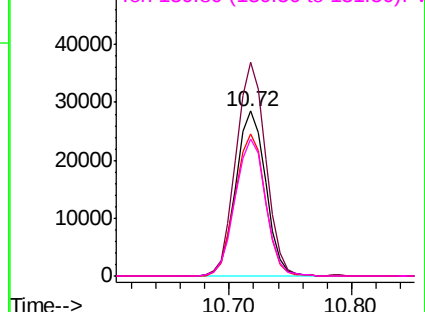
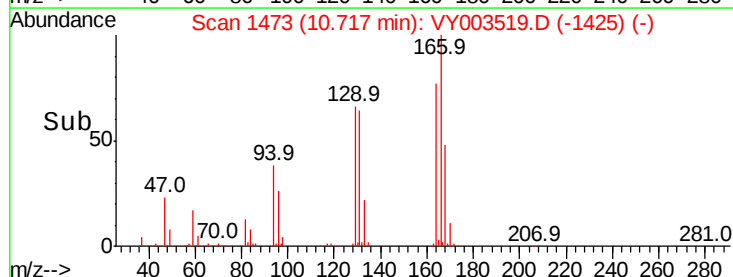
166 129.4 104.9 157.3

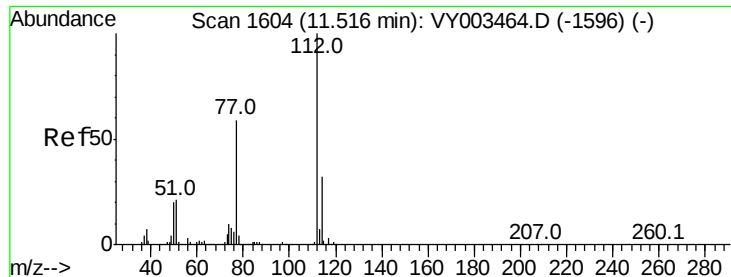
129 85.8 68.9 103.3

131 82.9 66.2 99.2



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

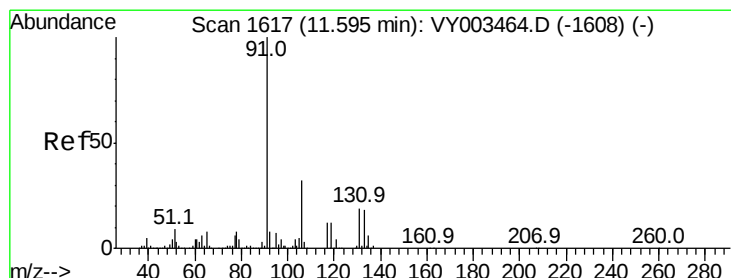
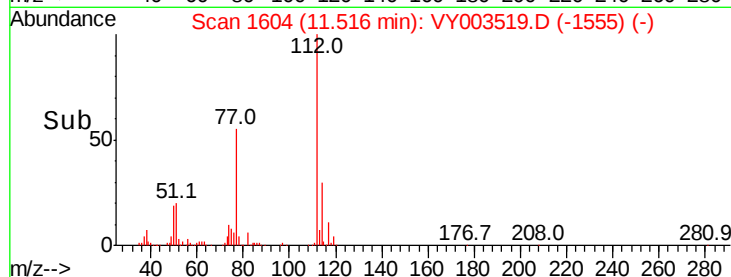
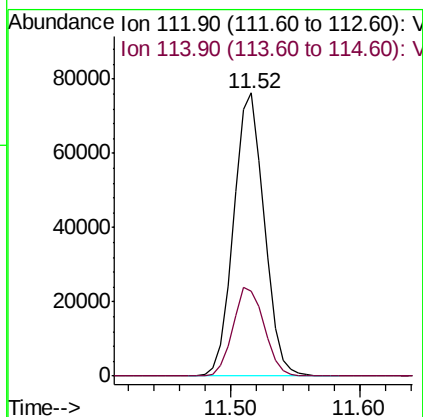
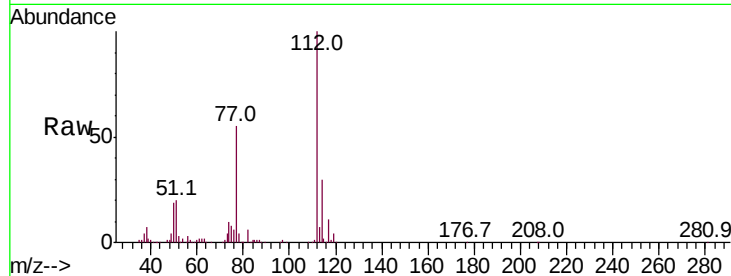




#65
Chlorobenzene
Concen: 21.461 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

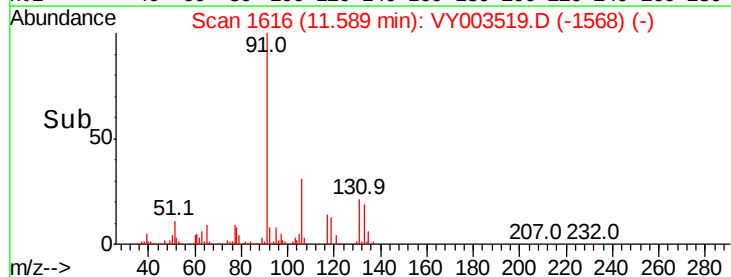
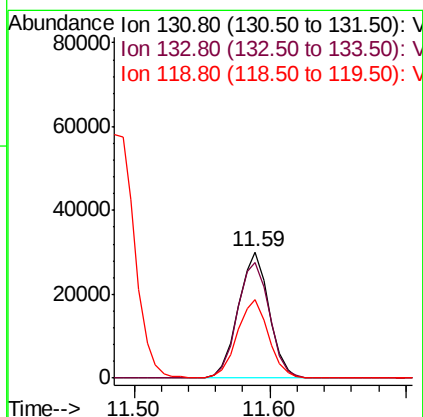
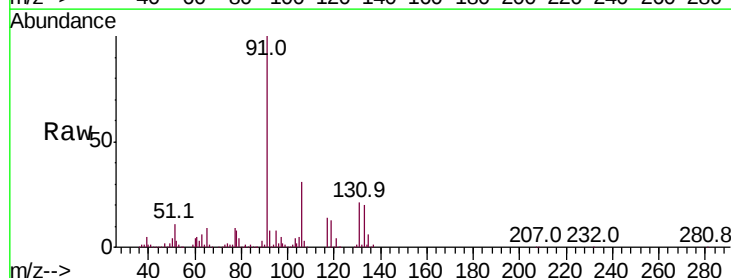
Instrument :
MSVOA_Y
ClientSampleId :

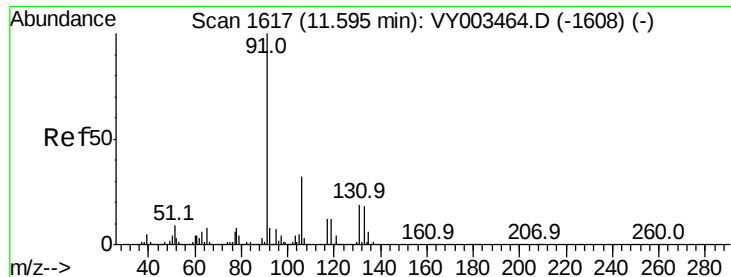
Tot Ion:112 Resp: 125806
Ion Ratio Lower Upper
112 100
114 29.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.609 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion:131 Resp: 47773
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 62.9 31.6 95.0





#67

Ethyl Benzene

Concen: 20.749 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

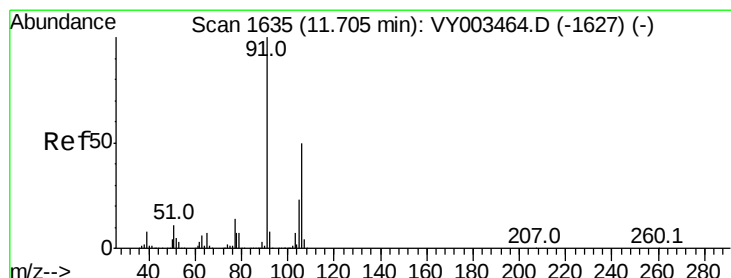
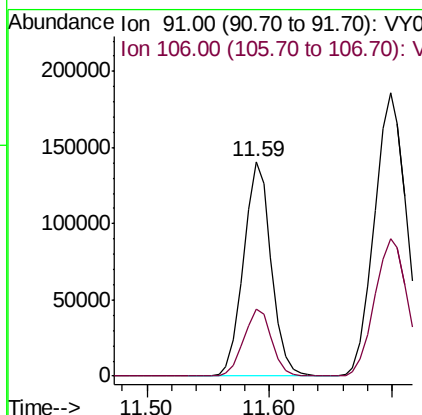
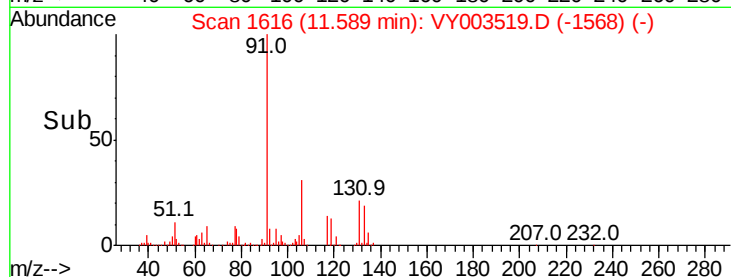
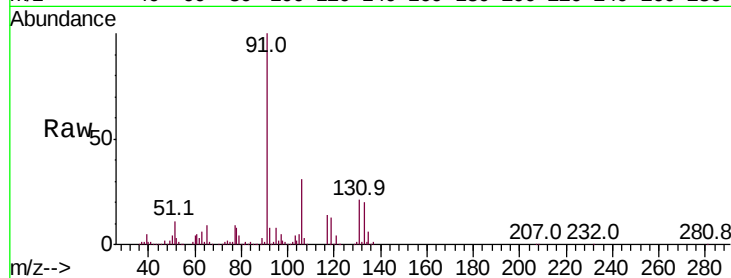
ClientSampleId :

Tot Ion: 91 Resp: 220554

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



#68

m/p-Xylenes

Concen: 41.821 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003519.D

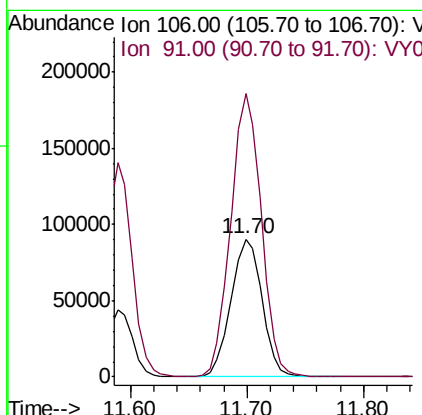
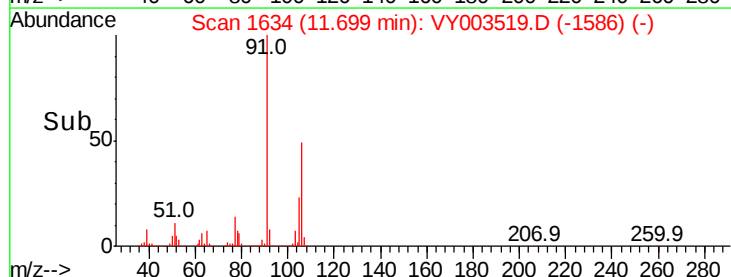
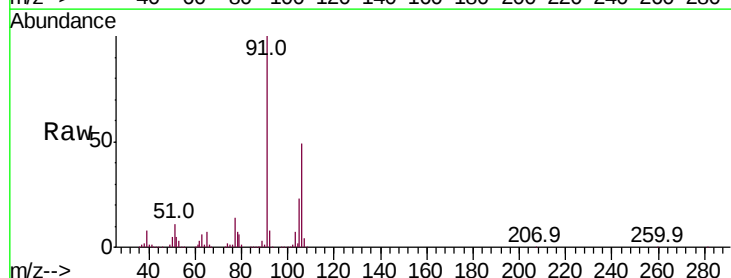
Acq: 05 Nov 2020 12:07

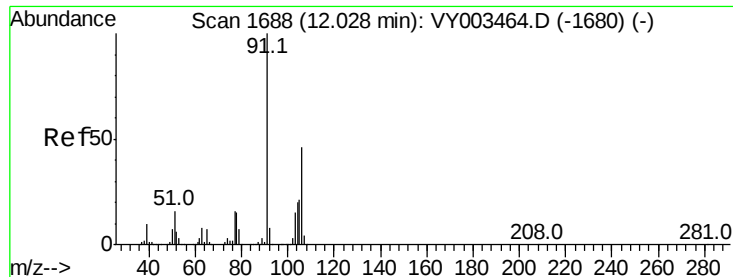
Tgt Ion: 106 Resp: 168462

Ion Ratio Lower Upper

106 100

91 202.5 161.0 241.6

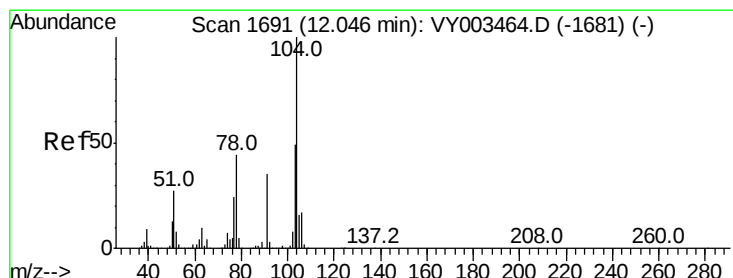
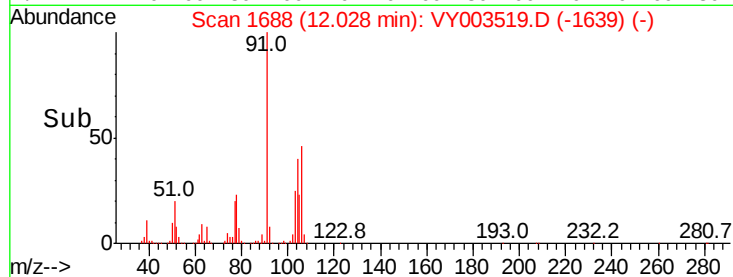
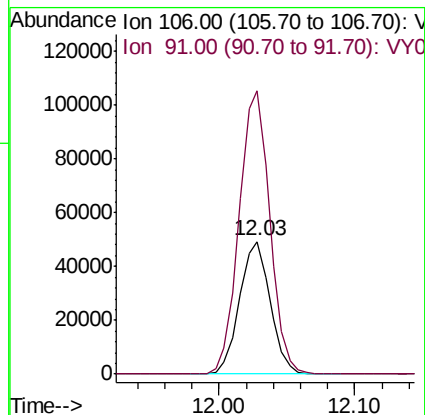
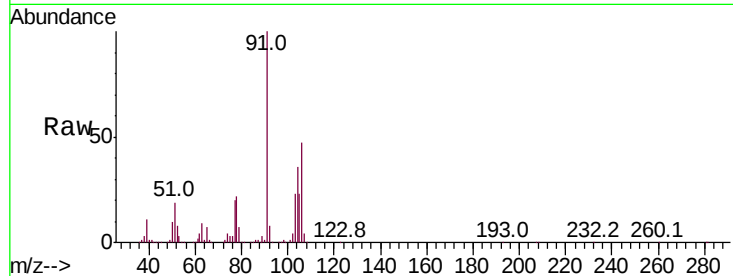




#69
o-Xylene
Concen: 20.939 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

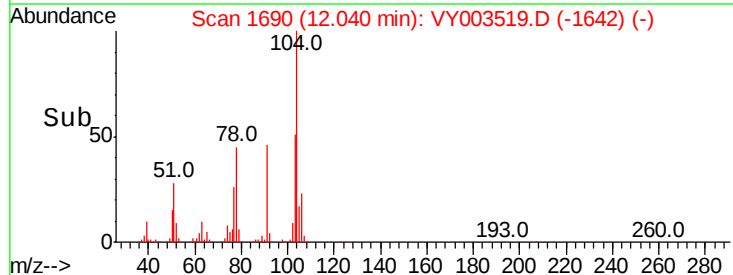
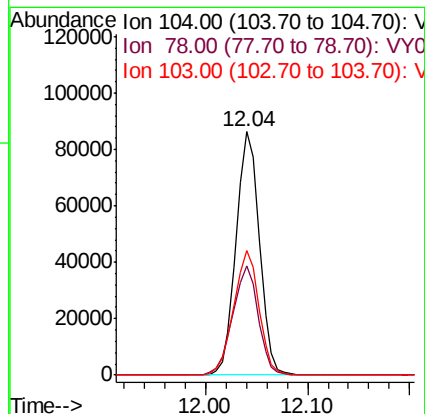
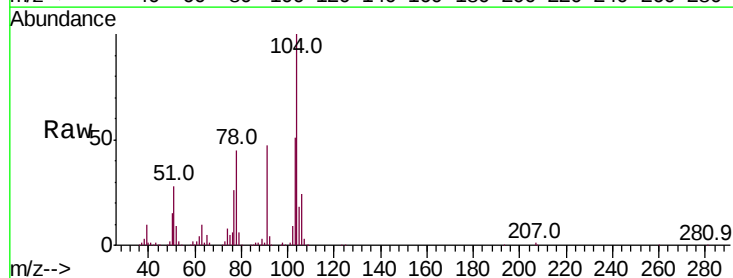
Instrument :
MSVOA_Y
ClientSampleId :

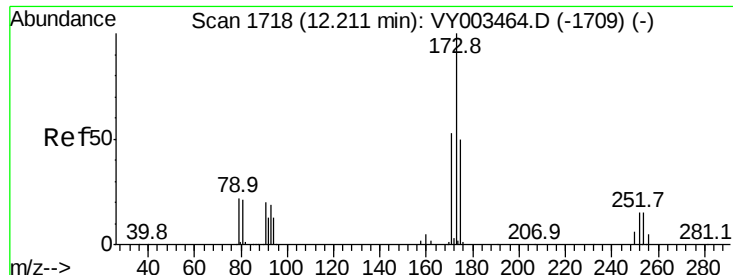
Tot Ion:106 Resp: 77588
Ion Ratio Lower Upper
106 100
91 214.2 105.5 316.5



#70
Styrene
Concen: 21.587 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion:104 Resp: 135817
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 55.3 44.2 66.2

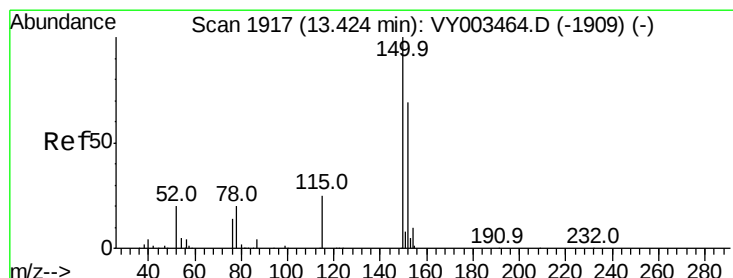
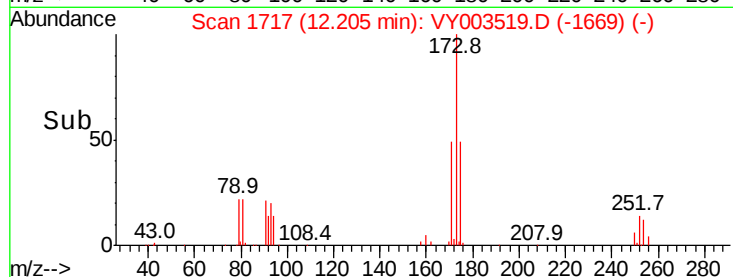
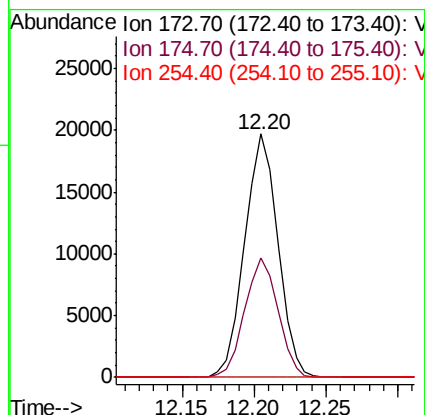
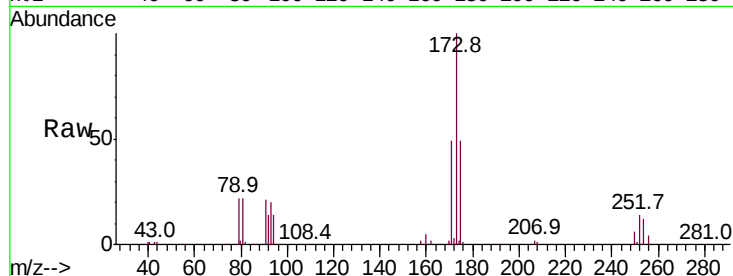




#71
Bromoform
Concen: 21.373 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

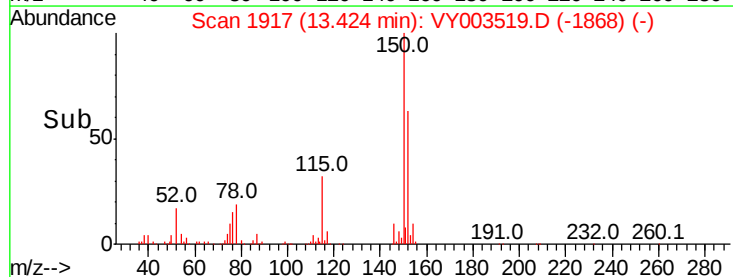
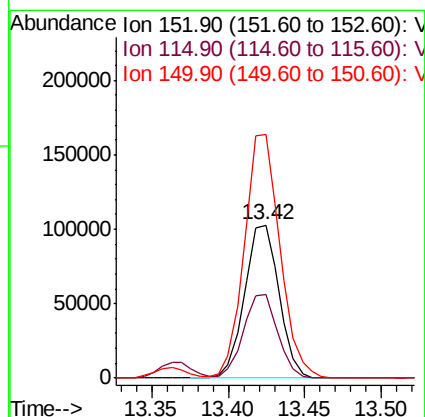
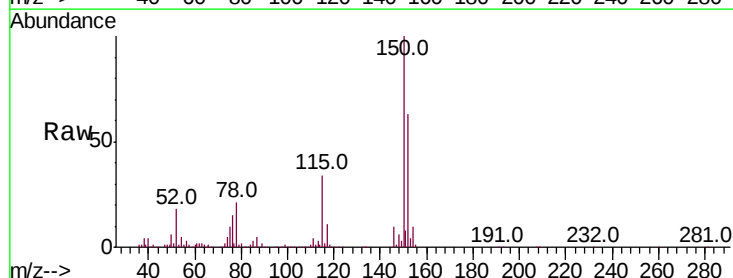
Instrument :
MSVOA_Y
ClientSampleId :

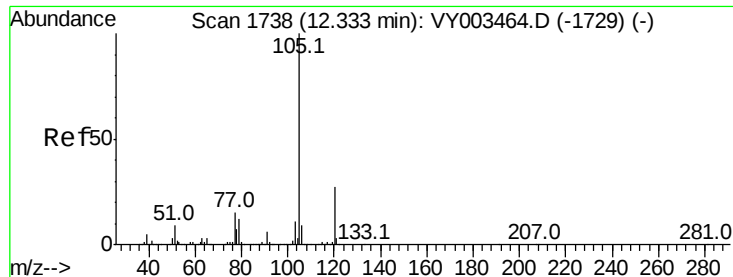
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.0	0.2	0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.5	82.4
150	164.7	0.0	345.8





#73

Isopropylbenzene

Concen: 20.347 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

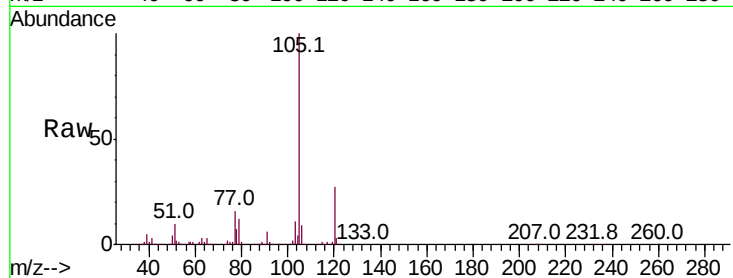
ClientSampleId :

Tot Ion:105 Resp: 213910

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

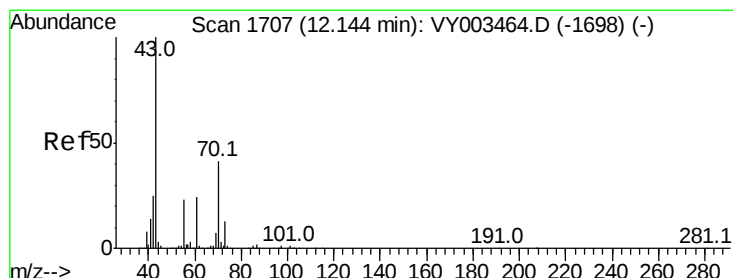
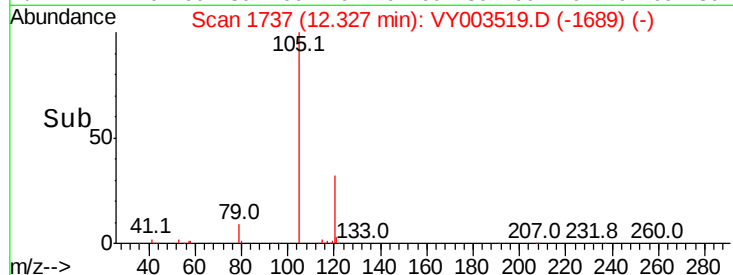
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.269 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion: 43 Resp: 63339

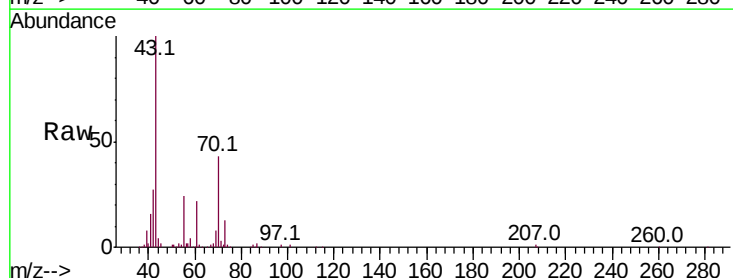
Ion Ratio Lower Upper

43 100

70 41.7 33.1 49.7

55 24.4 19.2 28.8

61 23.0 19.0 28.6



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

12.14

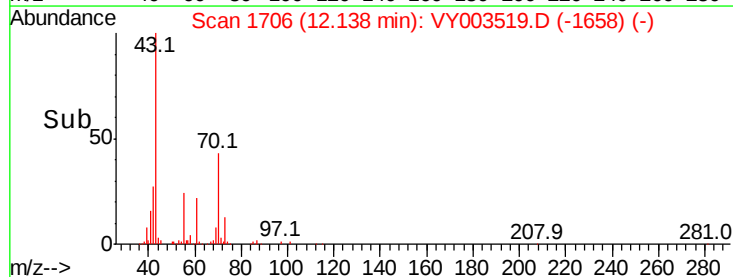
60000

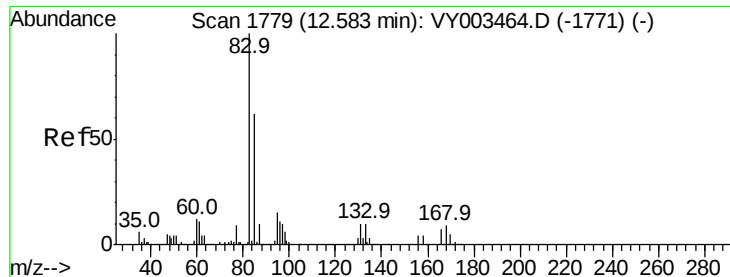
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.601 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

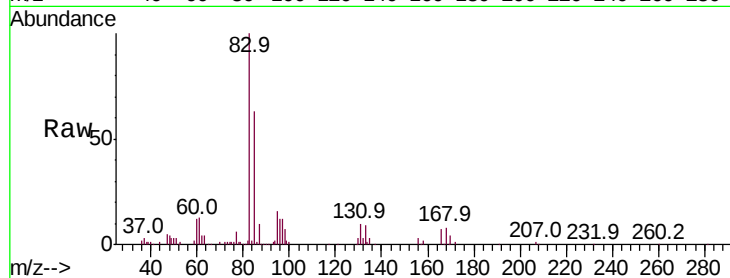
Tot Ion: 83 Resp: 46261

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

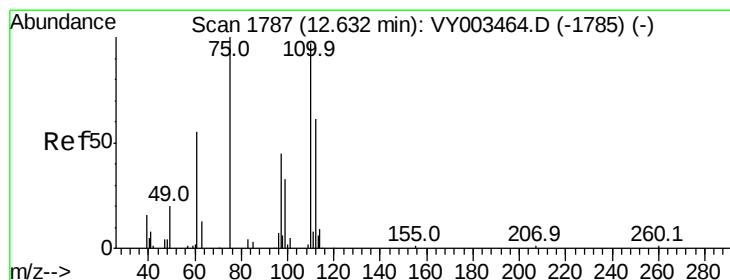
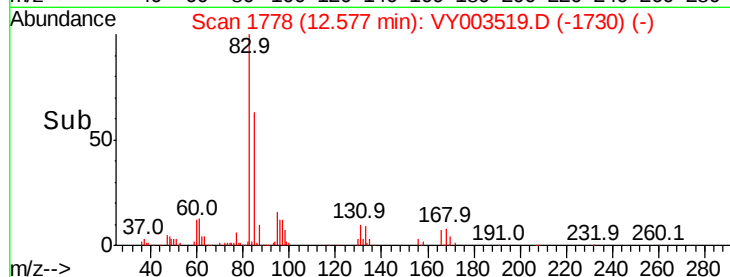
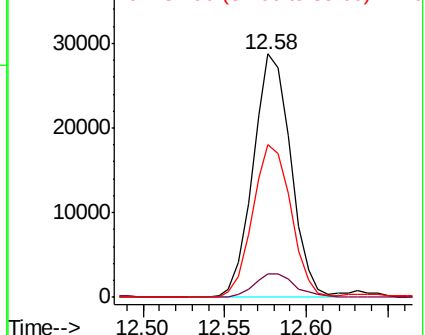
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.201 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003519.D

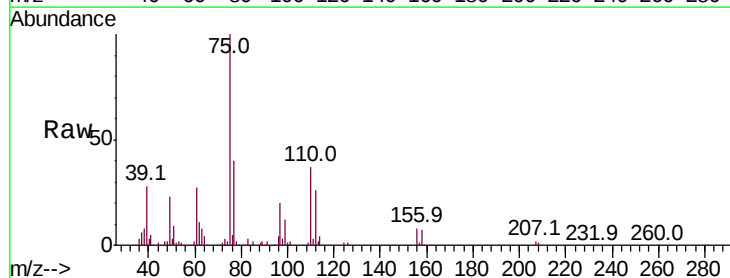
Acq: 05 Nov 2020 12:07

Tgt Ion: 75 Resp: 61646

Ion Ratio Lower Upper

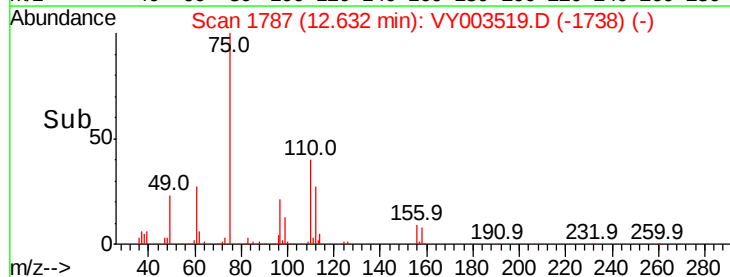
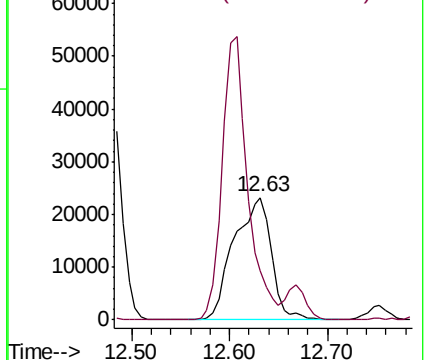
75 100

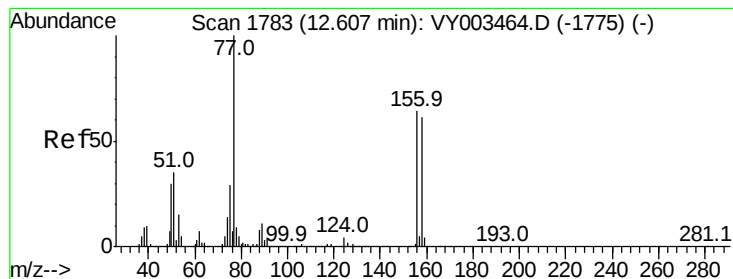
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.085 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

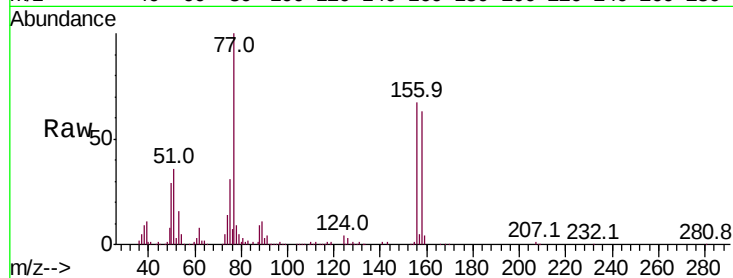
Tot Ion:156 Resp: 56322

Ion Ratio Lower Upper

156 100

77 173.7 87.0 260.9

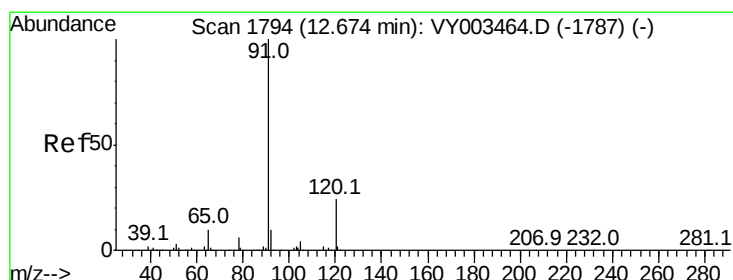
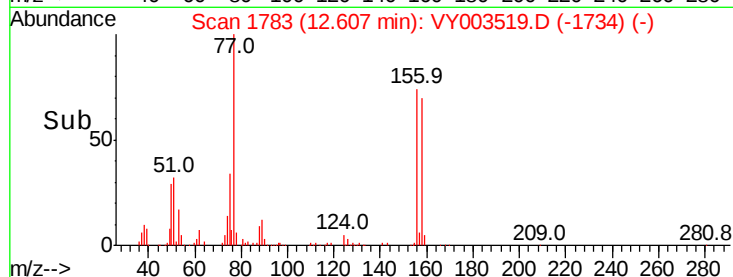
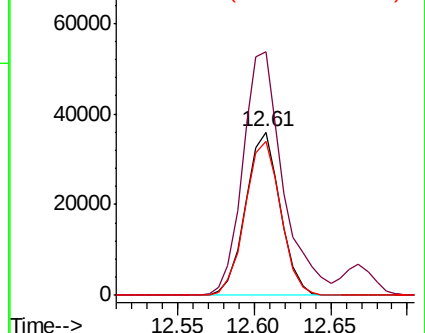
158 97.1 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.797 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003519.D

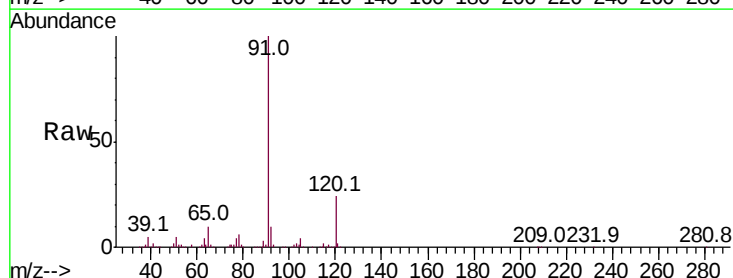
Acq: 05 Nov 2020 12:07

Tgt Ion: 91 Resp: 257537

Ion Ratio Lower Upper

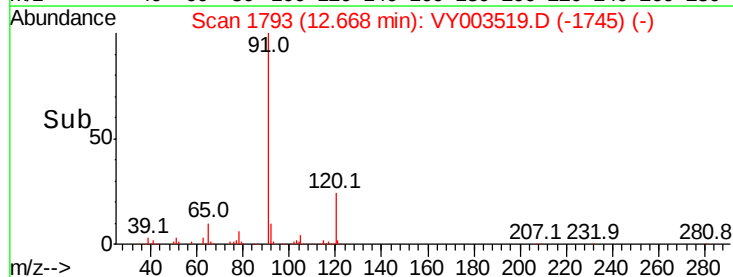
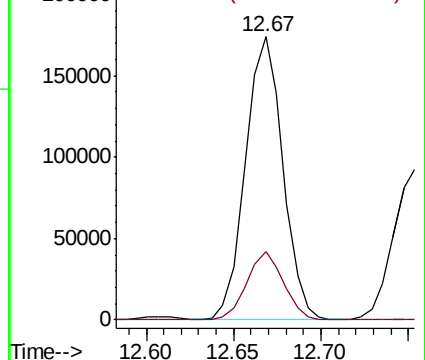
91 100

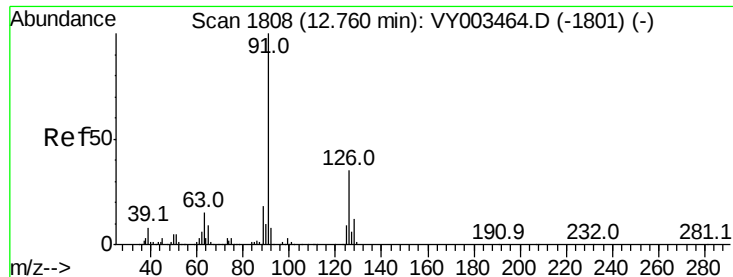
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.711 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

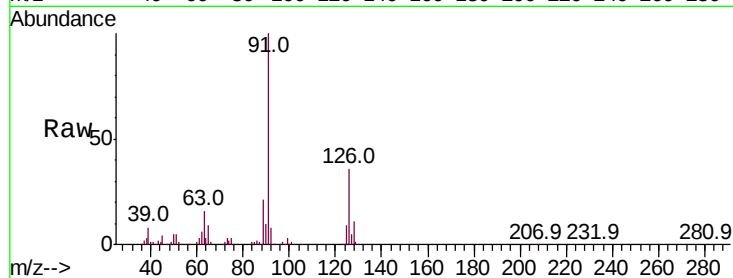
ClientSampled :

Tot Ion: 91 Resp: 143292

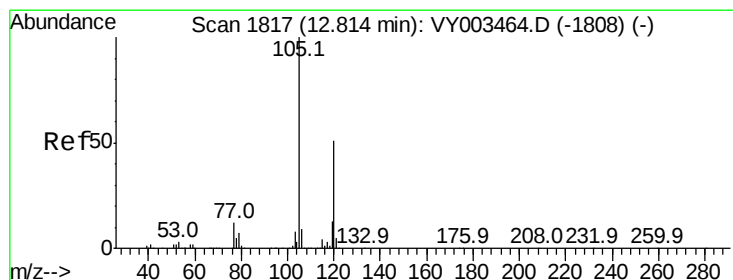
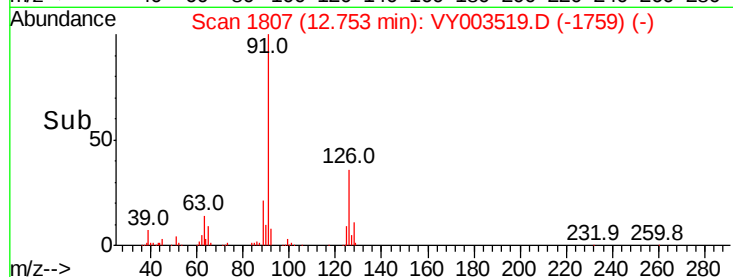
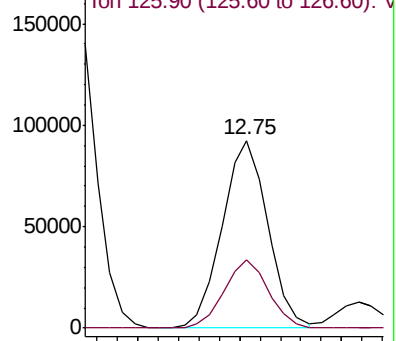
Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003519.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.136 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003519.D

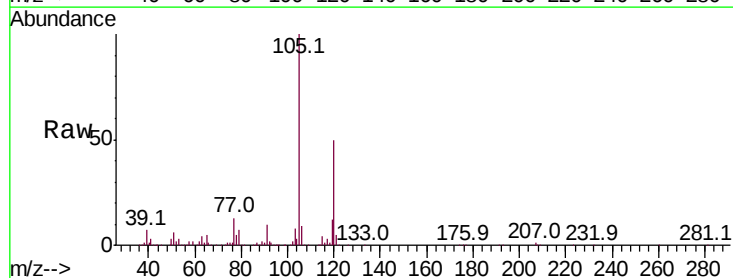
Acq: 05 Nov 2020 12:07

Tgt Ion: 105 Resp: 184107

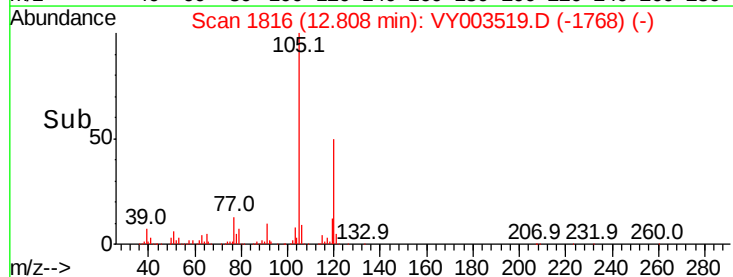
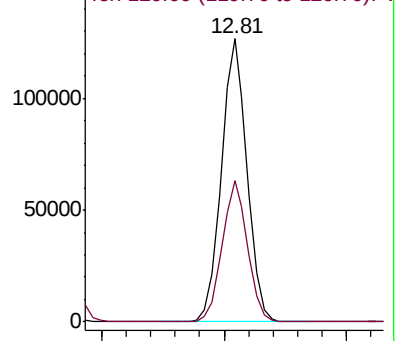
Ion Ratio Lower Upper

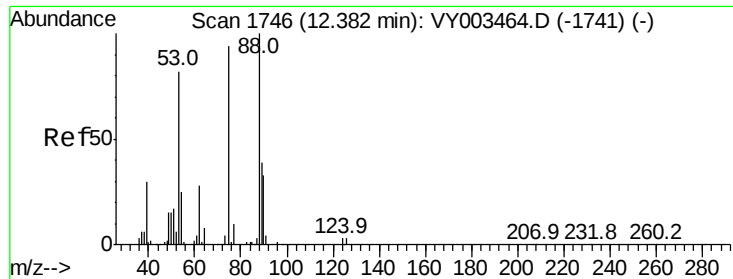
105 100

120 49.5 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003519.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.670 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

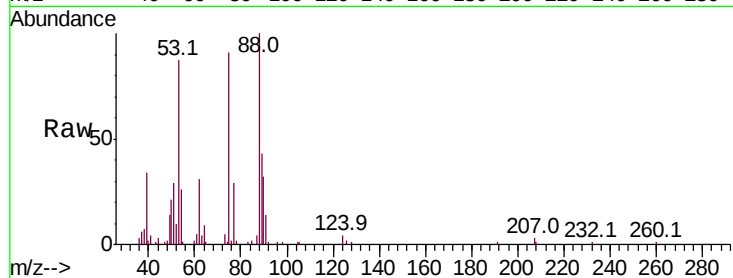
Tot Ion: 75 Resp: 16048

Ion Ratio Lower Upper

75 100

53 94.7 74.7 112.1

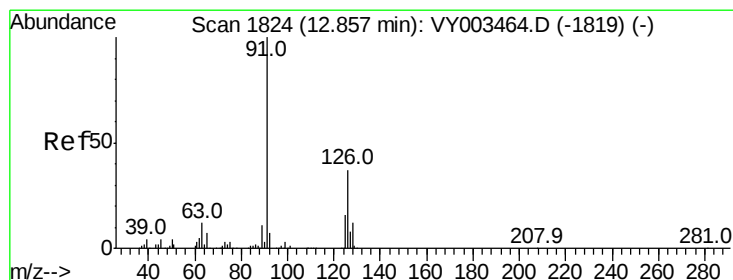
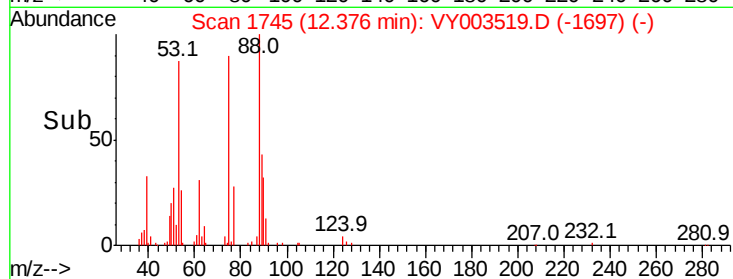
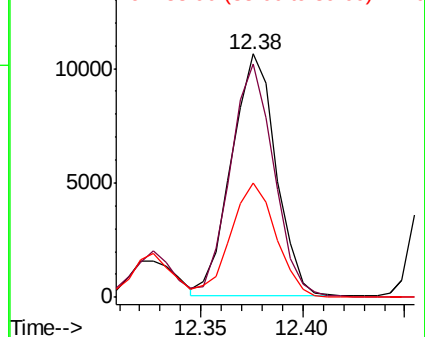
89 48.2 35.8 53.8



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: 21.473 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003519.D

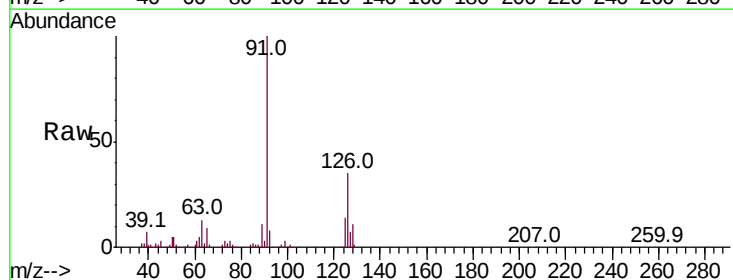
Acq: 05 Nov 2020 12:07

Tgt Ion: 91 Resp: 155251

Ion Ratio Lower Upper

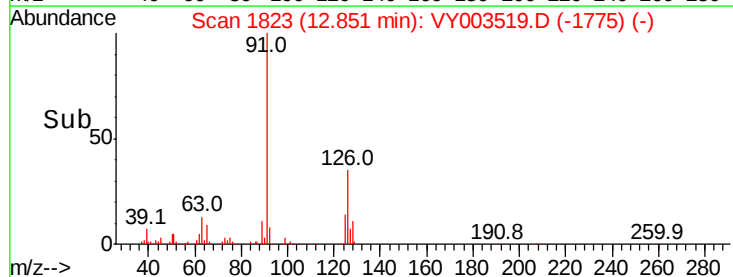
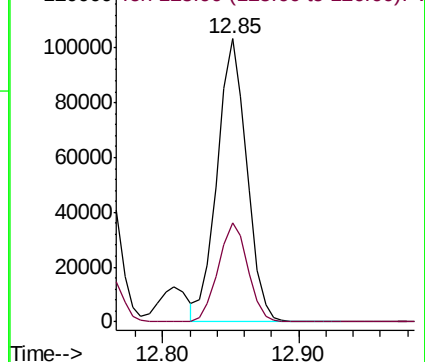
91 100

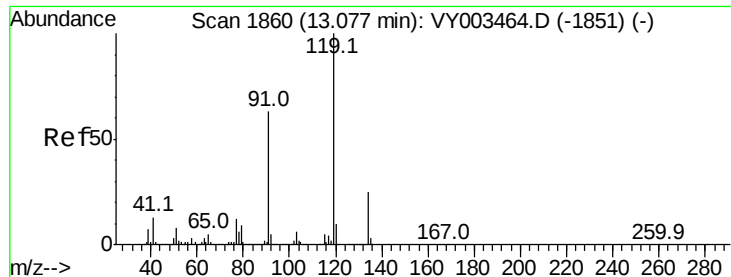
126 35.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.625 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

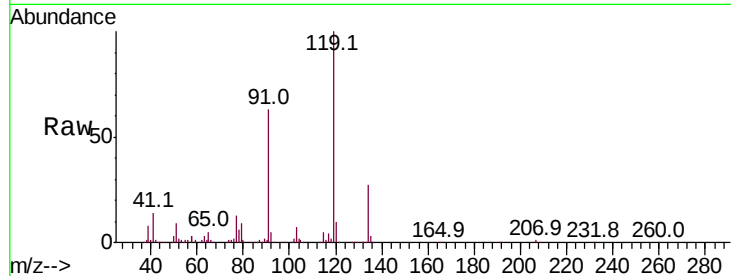
Tot Ion:119 Resp: 159341

Ion Ratio Lower Upper

119 100

91 61.8 31.1 93.2

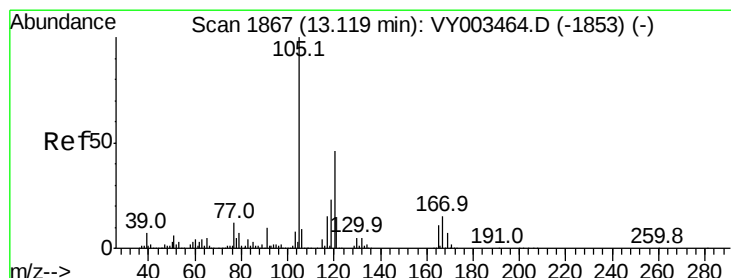
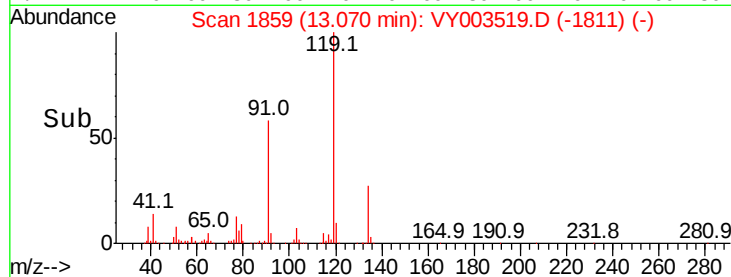
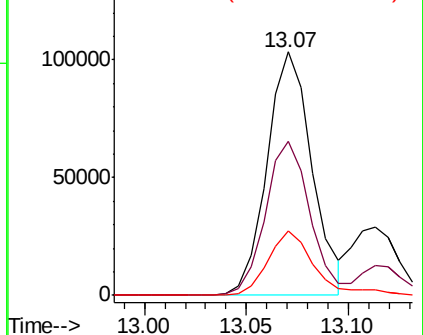
134 27.5 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.135 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY003519.D

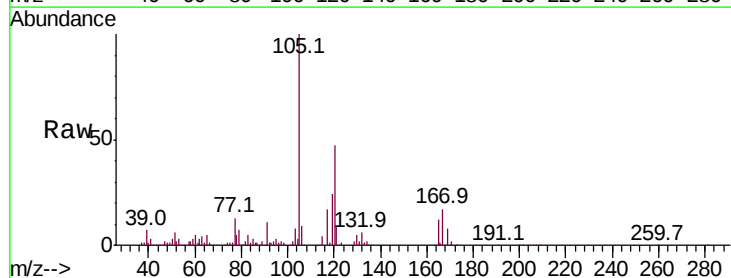
Acq: 05 Nov 2020 12:07

Tgt Ion:105 Resp: 183997

Ion Ratio Lower Upper

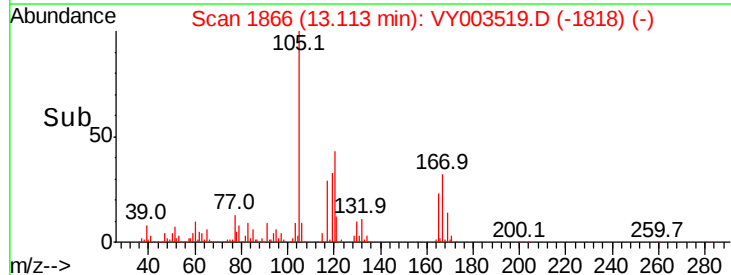
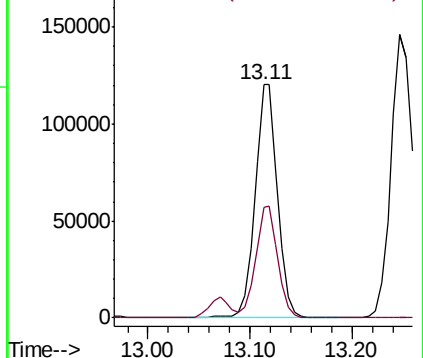
105 100

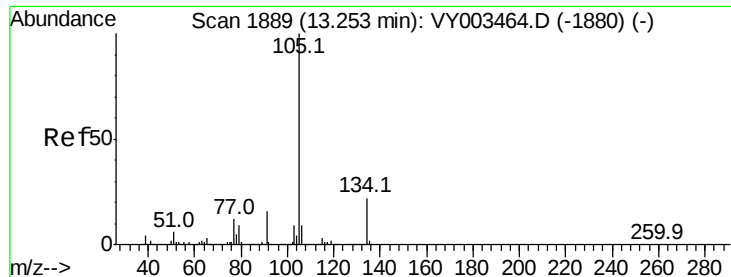
120 46.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.840 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

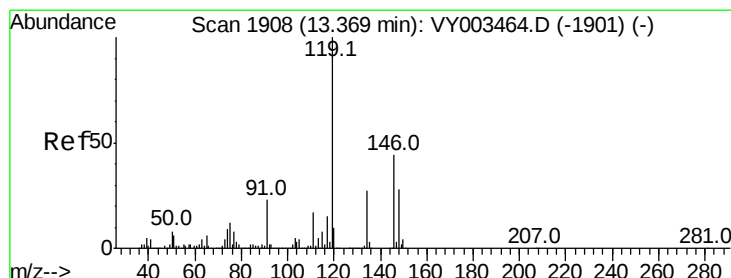
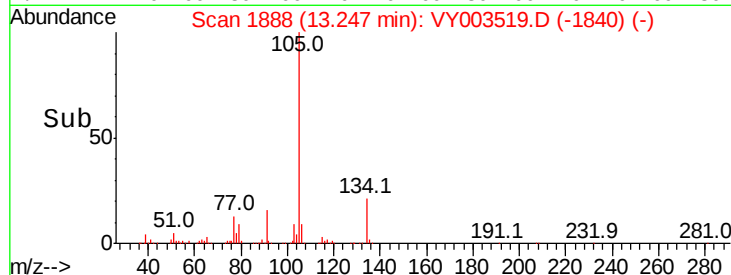
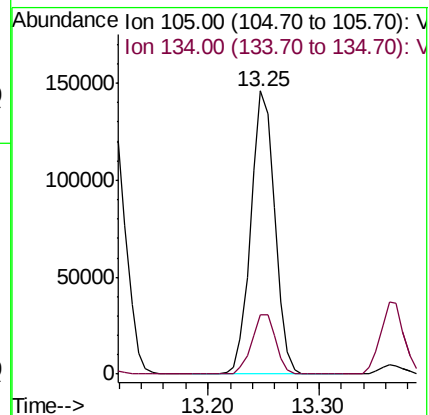
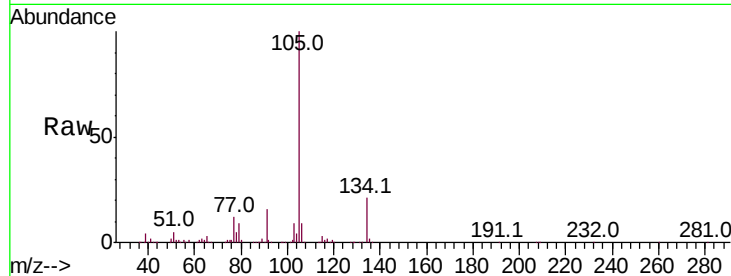
ClientSampleId :

Tot Ion:105 Resp: 217993

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.931 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

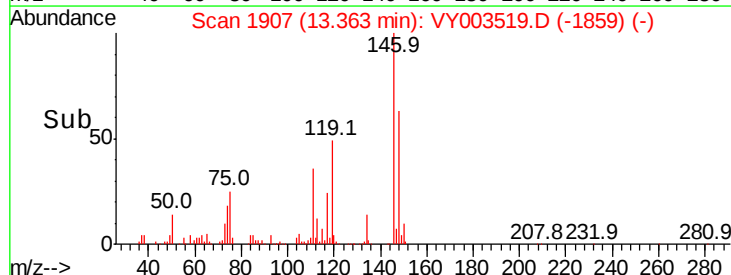
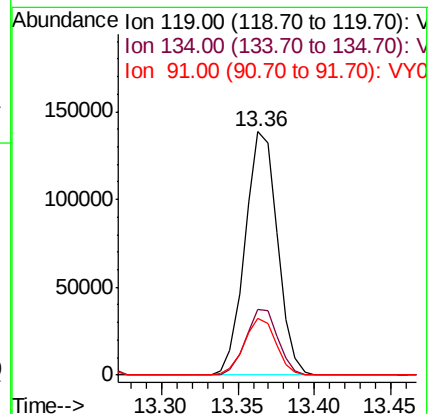
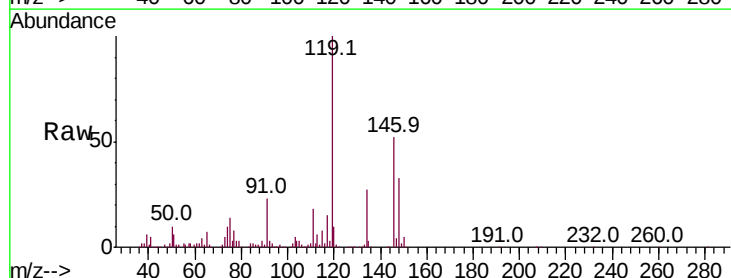
Tgt Ion:119 Resp: 203057

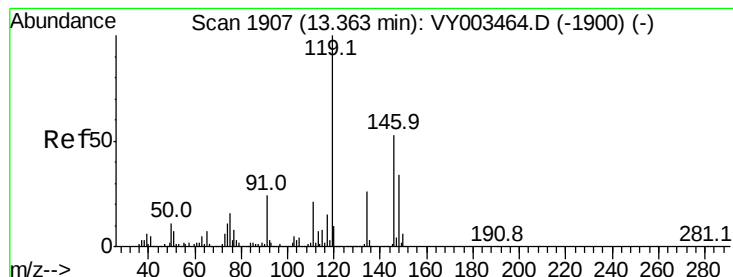
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 21.630 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampled :

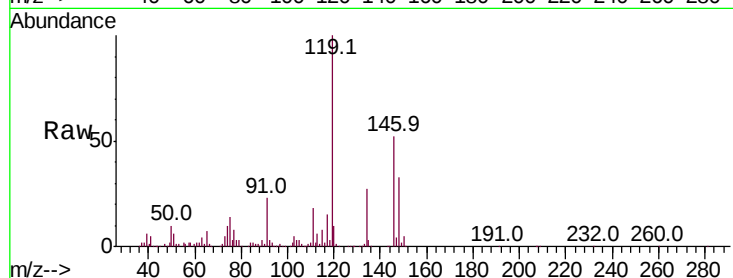
Tot Ion:146 Resp: 107628

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

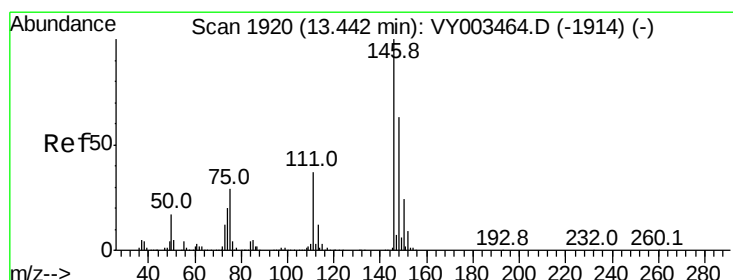
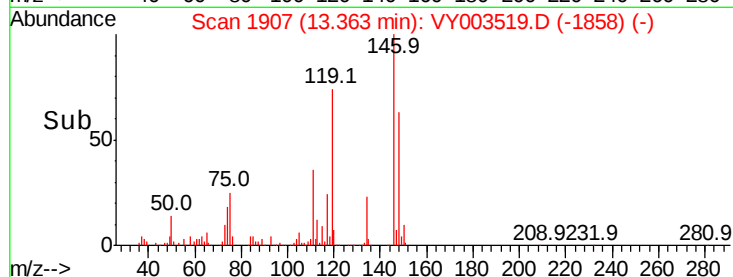
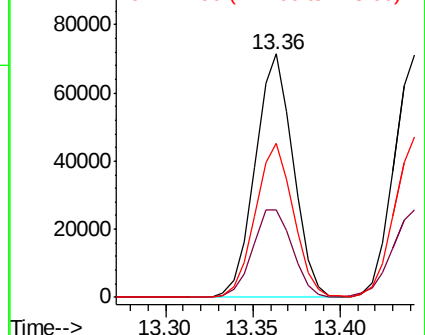
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.648 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

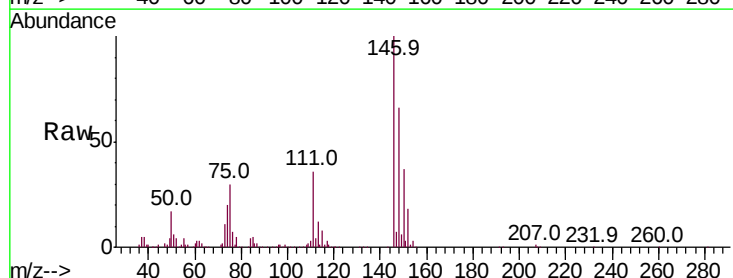
Tgt Ion:146 Resp: 107117

Ion Ratio Lower Upper

146 100

111 37.2 18.3 54.8

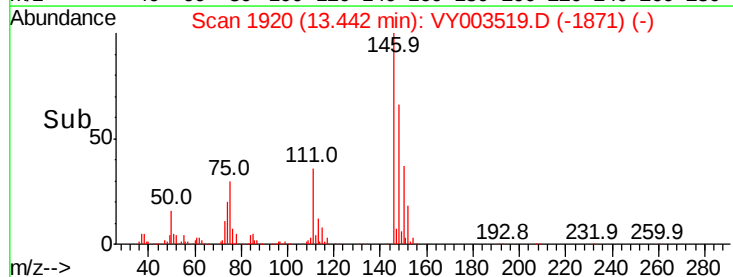
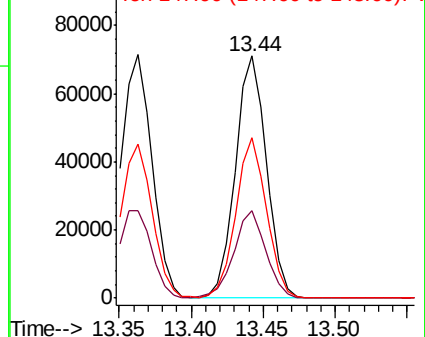
148 65.3 32.0 96.0

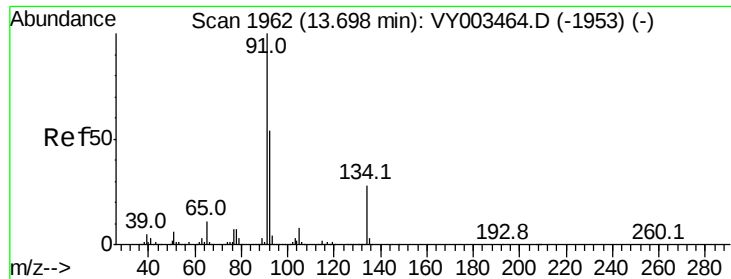


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

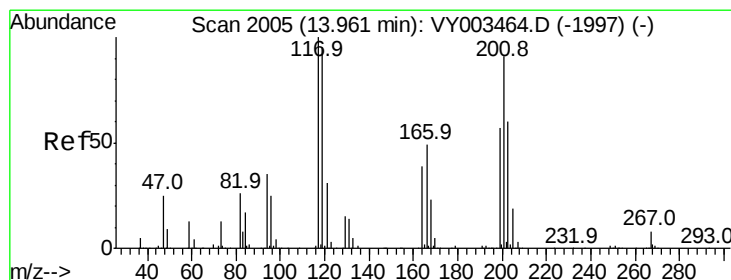
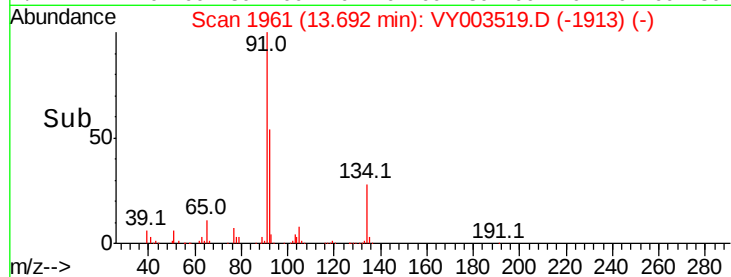
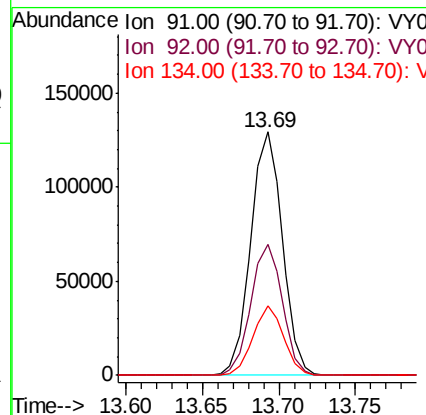
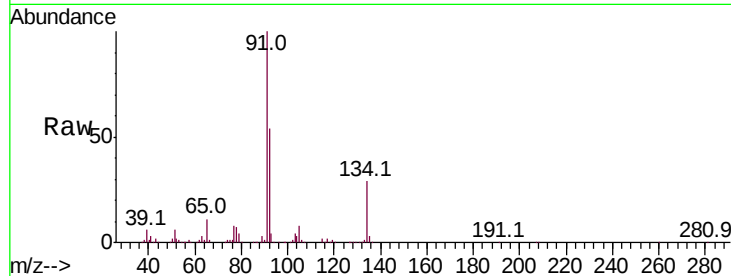




#89
n-Butylbenzene
Concen: 20.982 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

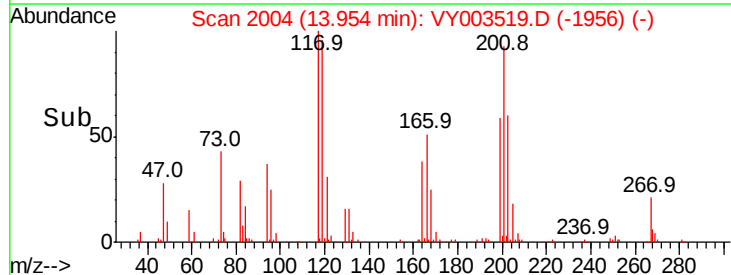
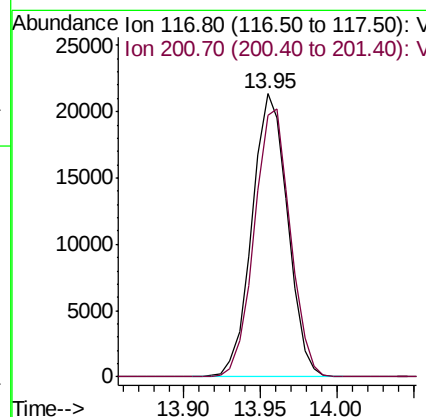
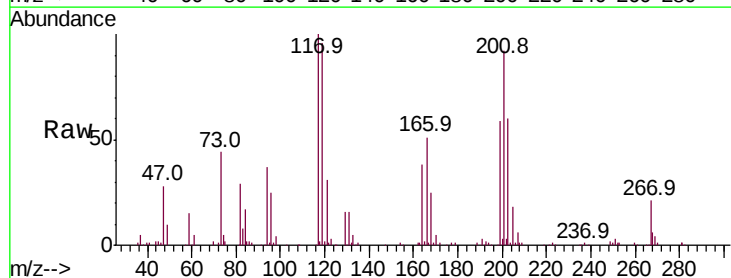
Instrument :
MSVOA_Y
ClientSampleId :

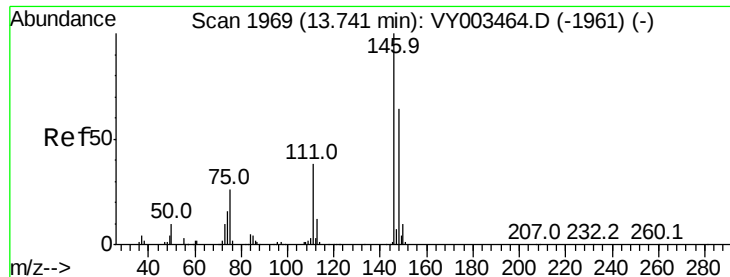
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.1
134	27.6	13.8	41.3



#90
Hexachloroethane
Concen: 21.201 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	46.6	139.8





#91

1,2-Dichlorobenzene

Concen: 21.753 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

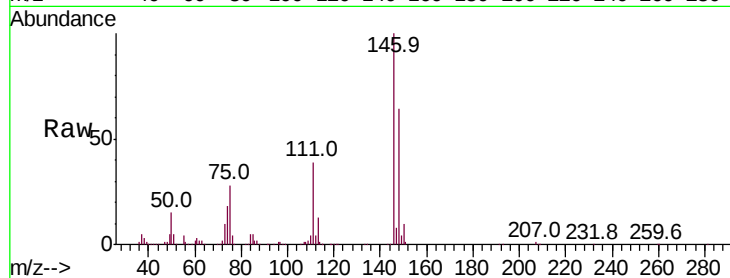
Tot Ion:146 Resp: 96157

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

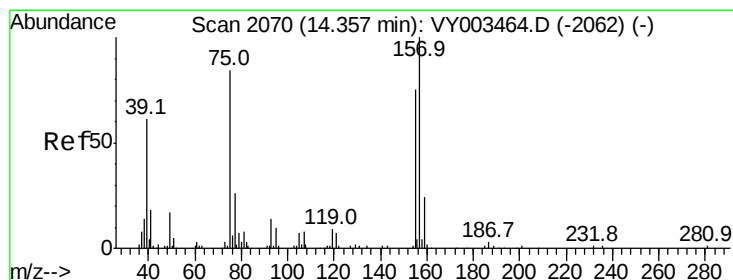
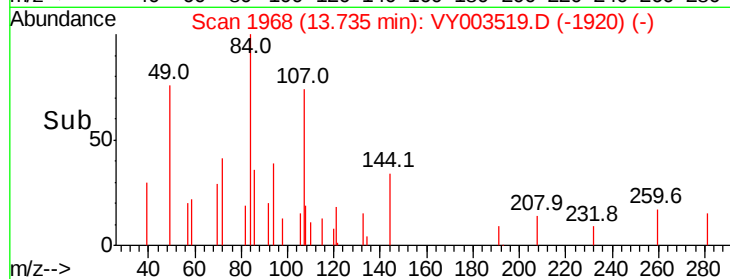
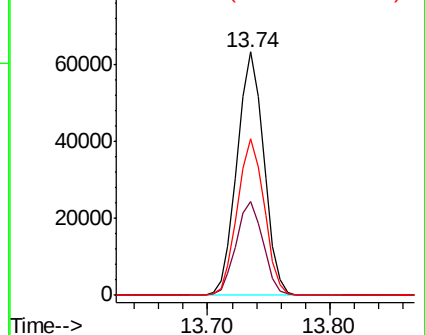
148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.868 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

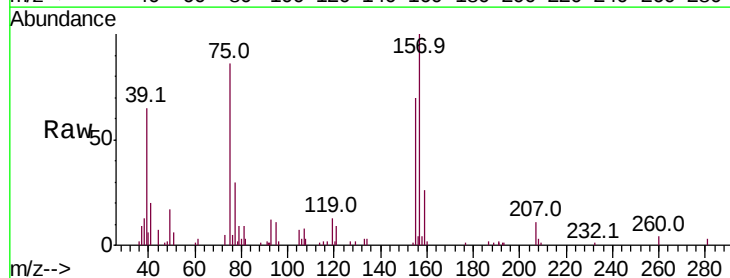
Tgt Ion: 75 Resp: 8483

Ion Ratio Lower Upper

75 100

155 91.2 45.6 136.7

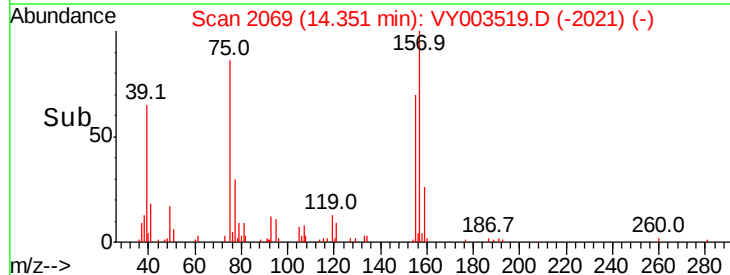
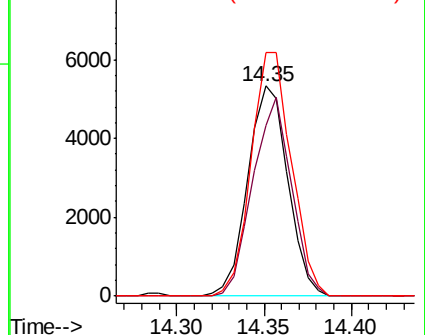
157 116.4 60.3 180.8

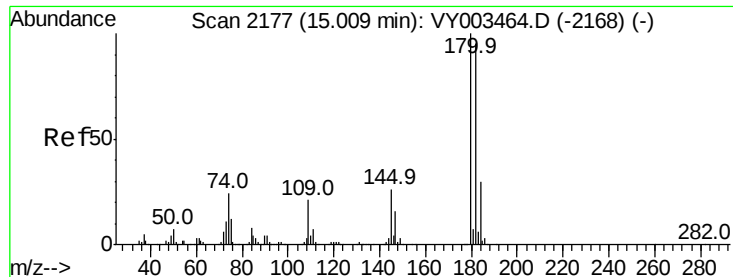


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

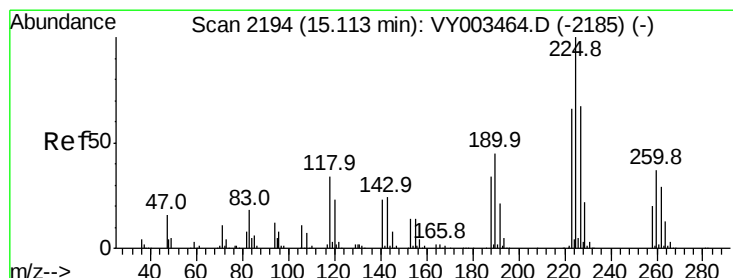
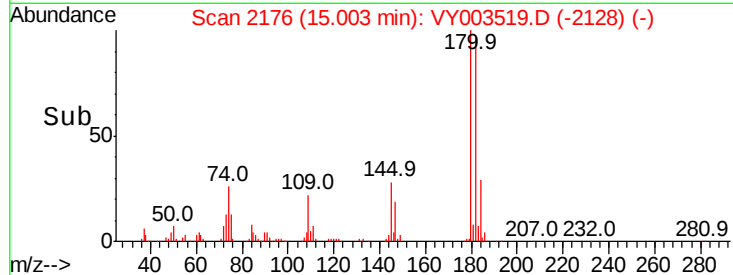
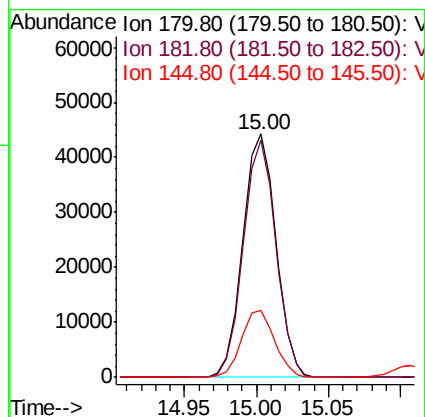
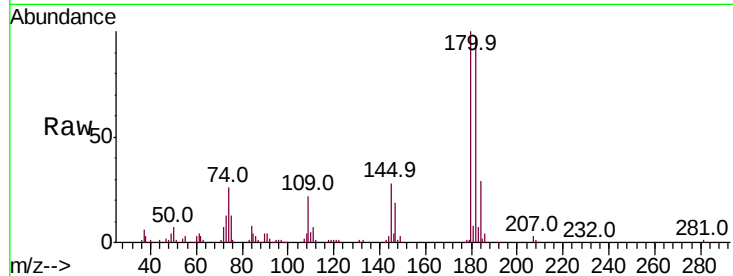




#93
 1,2,4-Trichlorobenzene
 Concen: 22.555 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

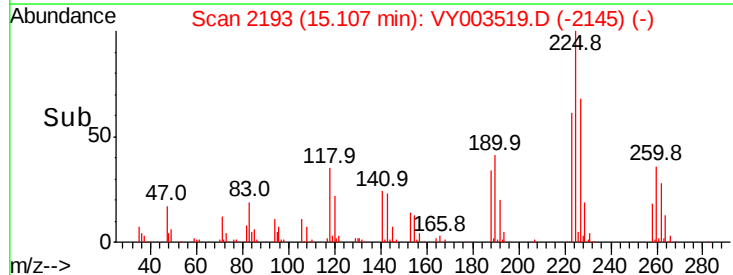
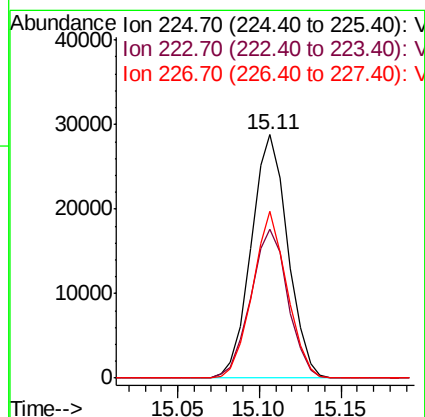
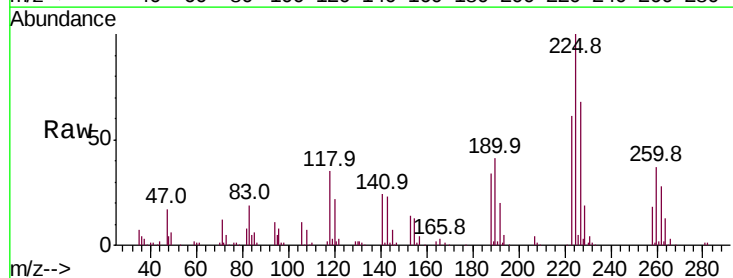
Instrument :
 MSVOA_Y
 ClientSampled :

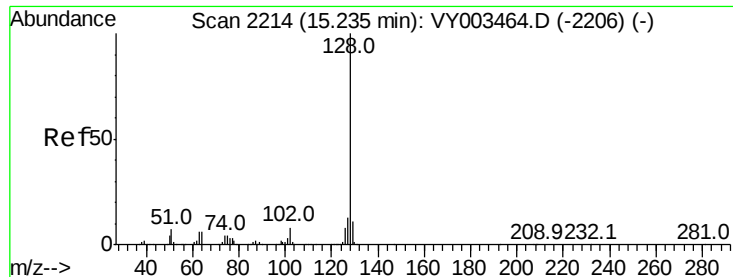
Tot Ion:180 Resp: 70525
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.1 144.3
 145 27.6 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 22.296 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion:225 Resp: 44846
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.3
 227 64.9 32.4 97.2





#95

Naphthalene

Concen: 21.078 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampled :

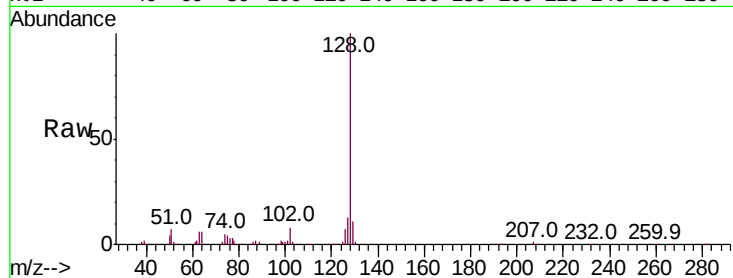
Tot Ion:128 Resp: 131975

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

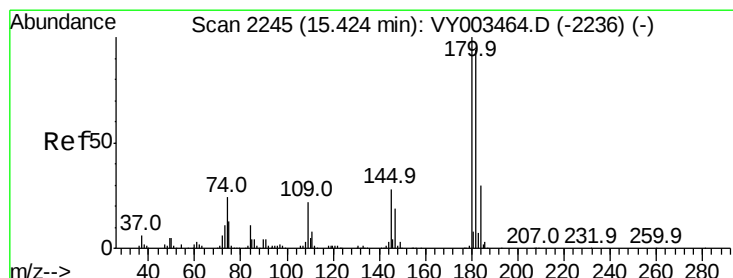
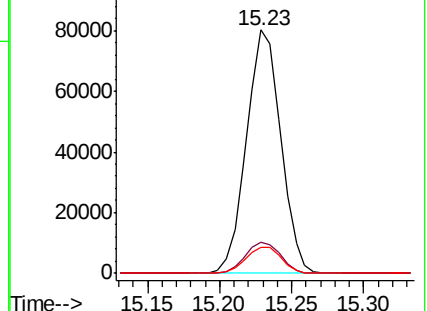
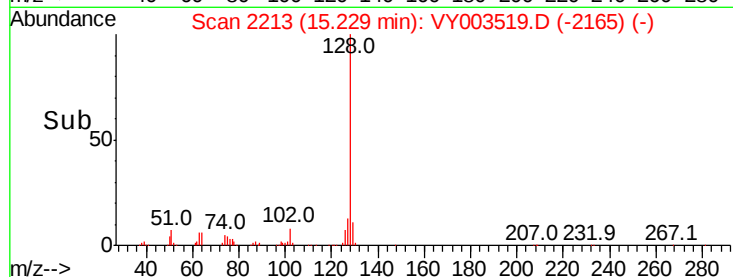
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.356 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

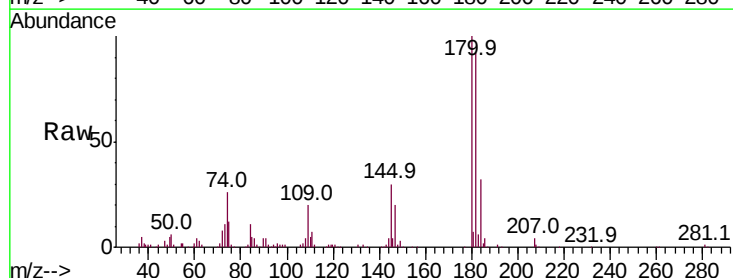
Tgt Ion:180 Resp: 62877

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.7

145 30.2 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

