

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003469.D
 Acq On : 02 Nov 2020 13:58
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Quant Time: Nov 03 02:07:18 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	252913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	365137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	325078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130675	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
35) Dibromofluoromethane	7.72	113	111817	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.18	98	462090	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.48	95	152698	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44708	22.342	ug/l	99
3) Chloromethane	2.12	50	58794	22.318	ug/l	98
4) Vinyl Chloride	2.26	62	65135	22.027	ug/l	99
5) Bromomethane	2.65	94	52202	21.129	ug/l	100
6) Chloroethane	2.80	64	37936	21.524	ug/l	95
7) Trichlorofluoromethane	3.13	101	80460	21.436	ug/l	97
8) Diethyl Ether	3.54	74	24917	21.648	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	44961	21.673	ug/l	98
10) Methyl Iodide	4.10	142	38282	20.927	ug/l	99
11) Tert butyl alcohol	4.97	59	29612	102.575	ug/l	98
12) 1,1-Dichloroethene	3.88	96	44871	21.739	ug/l	98
13) Acrolein	3.75	56	24198	112.456	ug/l	100
14) Allyl chloride	4.49	41	80149	21.284	ug/l	99
15) Acrylonitrile	5.18	53	65397	106.439	ug/l	99
16) Acetone	3.96	43	80125	93.677	ug/l	97
17) Carbon Disulfide	4.21	76	141489	21.160	ug/l	100
18) Methyl Acetate	4.49	43	34410	21.288	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	108996	21.320	ug/l	94
20) Methylene Chloride	4.72	84	54229	22.513	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	50174	20.993	ug/l	95
22) Diisopropyl ether	6.13	45	142865	21.630	ug/l	96
23) Vinyl Acetate	6.07	43	531650	107.114	ug/l	99
24) 1,1-Dichloroethane	6.03	63	90704	21.611	ug/l	99
25) 2-Butanone	7.00	43	107698	100.674	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83071	21.245	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	55271	21.342	ug/l	99
28) Bromochloromethane	7.35	49	40376	19.122	ug/l	98
29) Tetrahydrofuran	7.36	42	58603	104.837	ug/l	99
30) Chloroform	7.52	83	88590	21.490	ug/l	99
31) Cyclohexane	7.79	56	82770	21.298	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	82047	21.334	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72499	21.059	ug/l	99
37) Ethyl Acetate	7.08	43	44327	20.735	ug/l	99
38) Carbon Tetrachloride	7.91	117	74714	20.920	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80961	21.120	ug/l	99
40) Benzene	8.17	78	203434	21.234	ug/l	100
41) Methacrylonitrile	7.32	41	20063m	17.575	ug/l	
42) 1,2-Dichloroethane	8.24	62	62080	20.680	ug/l	99
43) Isopropyl Acetate	8.28	43	78946	20.549	ug/l	99
44) Trichloroethene	8.94	130	55890	20.780	ug/l	97
45) 1,2-Dichloropropane	9.22	63	50503	20.874	ug/l	99
46) Dibromomethane	9.31	93	28017	21.048	ug/l	97
47) Bromodichloromethane	9.50	83	68290	20.961	ug/l	99
48) Methyl methacrylate	9.30	41	37927	20.957	ug/l	98
49) 1,4-Dioxane	9.31	88	7012	422.190	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	214480	104.780	ug/l	99
52) Toluene	10.25	92	125364	20.921	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	71982	20.761	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	81935	21.001	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	38929	20.602	ug/l	98
56) Ethyl methacrylate	10.51	69	53705	21.220	ug/l	99
57) 1,3-Dichloropropane	10.79	76	69581	21.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	139222	108.511	ug/l	99
59) 2-Hexanone	10.83	43	154592	102.001	ug/l	100
60) Dibromochloromethane	10.99	129	47493	20.450	ug/l	100
61) 1,2-Dibromoethane	11.09	107	38386	21.043	ug/l	98
64) Tetrachloroethene	10.72	164	51723	21.305	ug/l	96
65) Chlorobenzene	11.52	112	133459	21.132	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	50365	21.146	ug/l	99
67) Ethyl Benzene	11.60	91	242386	21.166	ug/l	100
68) m/p-Xylenes	11.70	106	182335	42.016	ug/l	99
69) o-Xylene	12.03	106	84968	21.285	ug/l	99
70) Styrene	12.05	104	141137	20.823	ug/l	99
71) Bromoform	12.21	173	32289	20.339	ug/l	# 100
73) Isopropylbenzene	12.33	105	233703	21.346	ug/l	100
74) N-amyl acetate	12.14	43	65295	21.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	49051	20.975	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	37913m	21.379	ug/l	
77) Bromobenzene	12.61	156	58965	21.197	ug/l	98
78) n-propylbenzene	12.67	91	278945	21.630	ug/l	100
79) 2-Chlorotoluene	12.76	91	154551	21.450	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	196471	21.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17555	20.661	ug/l	99
82) 4-Chlorotoluene	12.86	91	161917	21.505	ug/l	100
83) tert-Butylbenzene	13.08	119	171596	21.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	194665	21.471	ug/l	99
85) sec-Butylbenzene	13.25	105	236619	21.721	ug/l	99
86) p-Isopropyltoluene	13.37	119	215991	21.379	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	110495	21.323	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	110043	21.356	ug/l	99
89) n-Butylbenzene	13.70	91	203091	22.009	ug/l	99
90) Hexachloroethane	13.96	117	35646	20.965	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	97442	21.167	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8979	21.210	ug/l	97

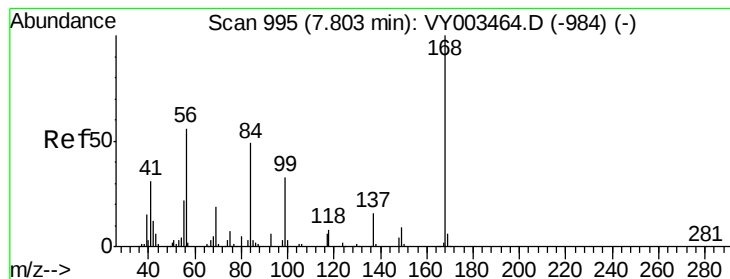
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
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Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	70034	21.508	ug/l	100
94) Hexachlorobutadiene	15.11	225	45869	21.898	ug/l	99
95) Naphthalene	15.23	128	138095	21.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	62369	21.293	ug/l	99

(#) = 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: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

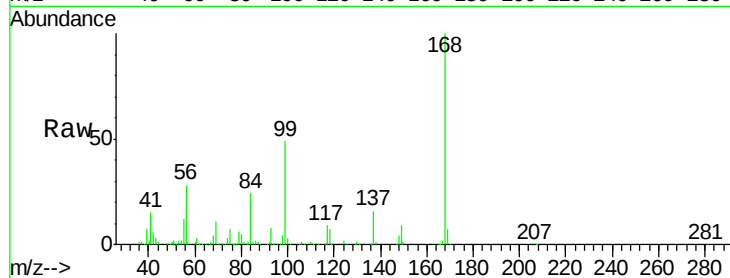
VY1102SBS01

Tot Ion:168 Resp: 252913

Ion Ratio Lower Upper

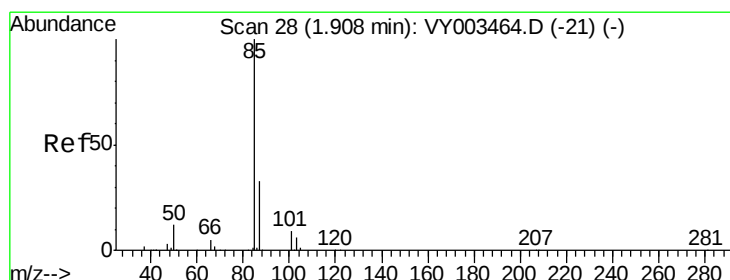
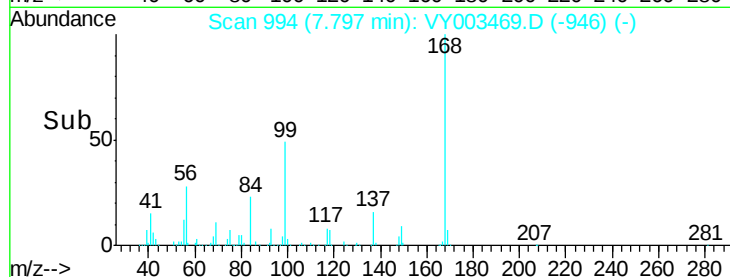
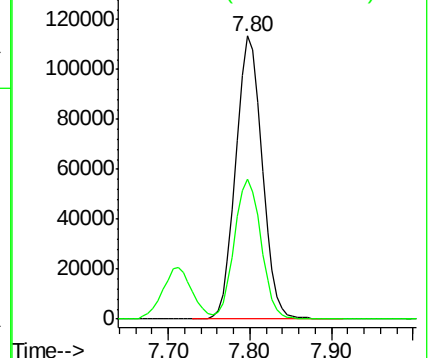
168 100

99 49.2 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) (-)



#2

Dichlorodifluoromethane

Concen: 22.342 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003469.D

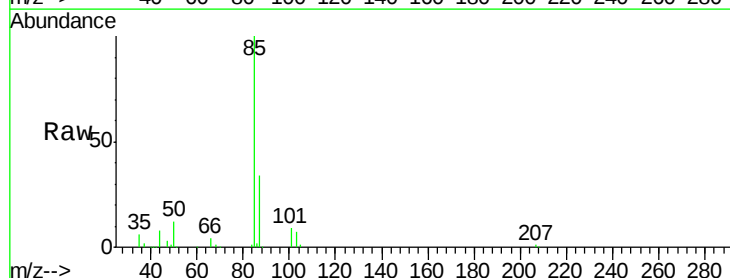
Acq: 02 Nov 2020 13:58

Tgt Ion: 85 Resp: 44708

Ion Ratio Lower Upper

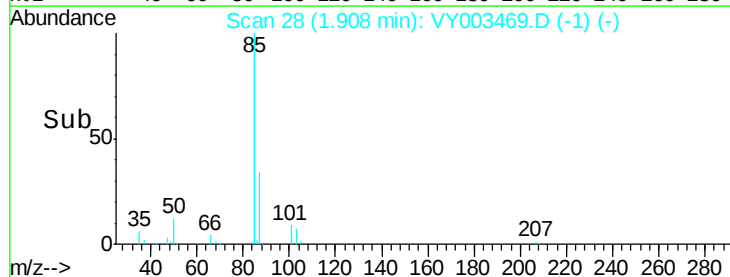
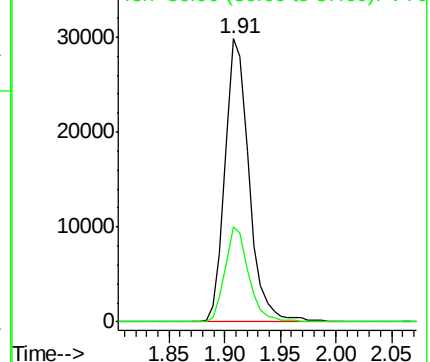
85 100

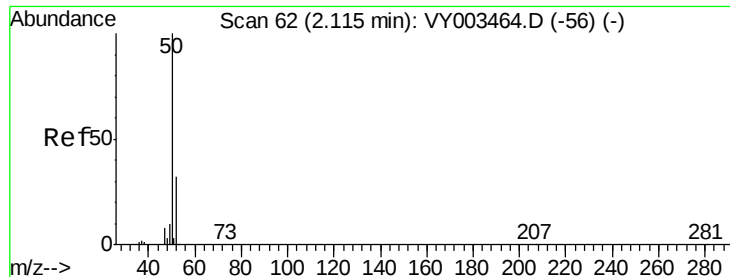
87 33.6 16.4 49.4



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

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





#3

Chloromethane

Concen: 22.318 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

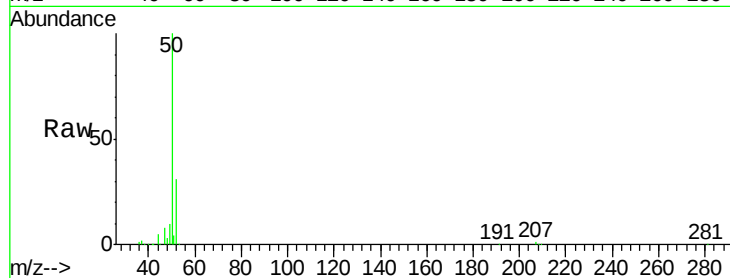
VY1102SBS01

Tot Ion: 50 Resp: 58794

Ion Ratio Lower Upper

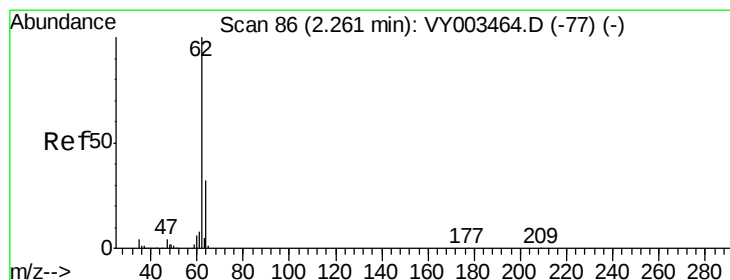
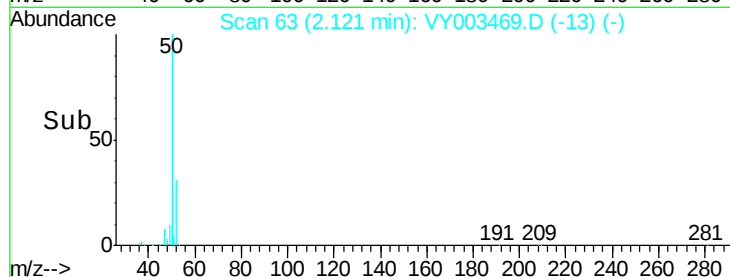
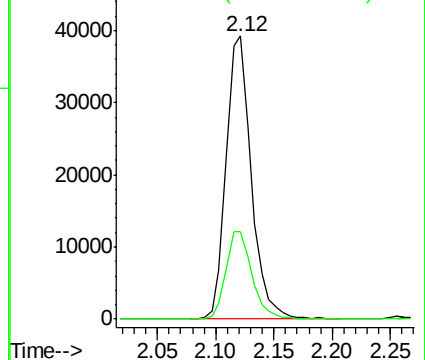
50 100

52 31.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.027 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003469.D

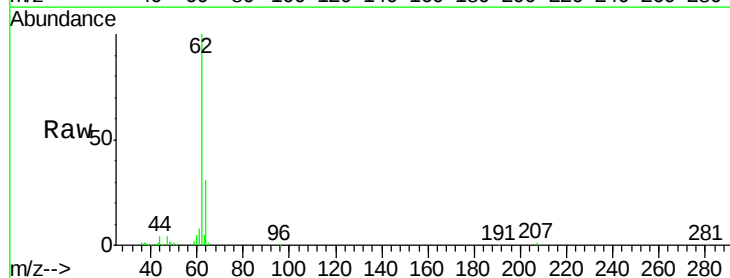
Acq: 02 Nov 2020 13:58

Tgt Ion: 62 Resp: 65135

Ion Ratio Lower Upper

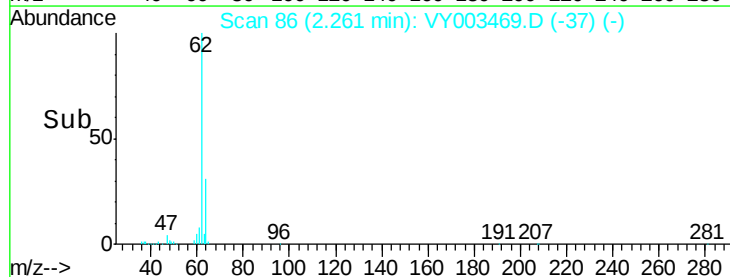
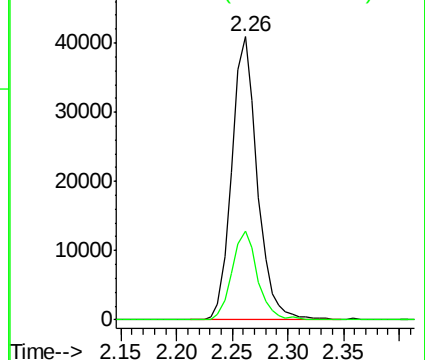
62 100

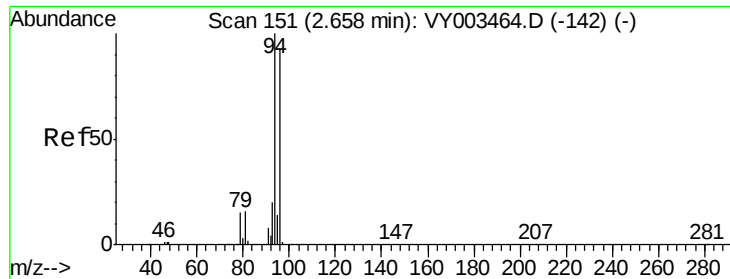
64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.129 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

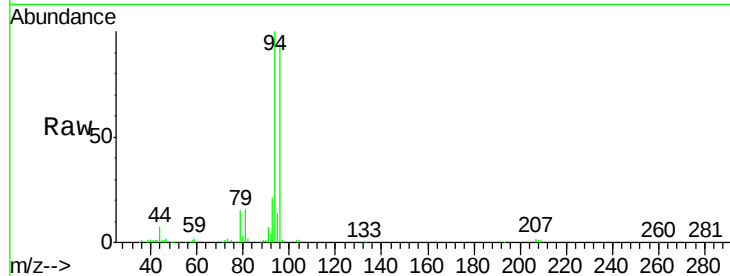
VY1102SBS01

Tot Ion: 94 Resp: 52202

Ion Ratio Lower Upper

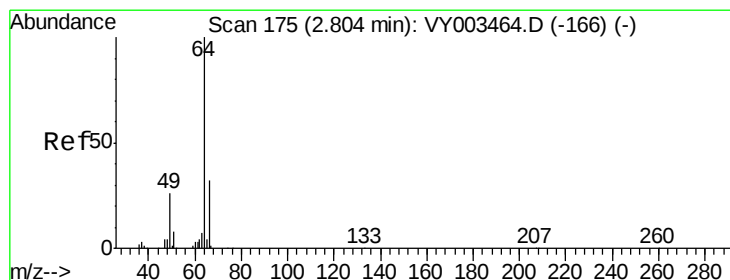
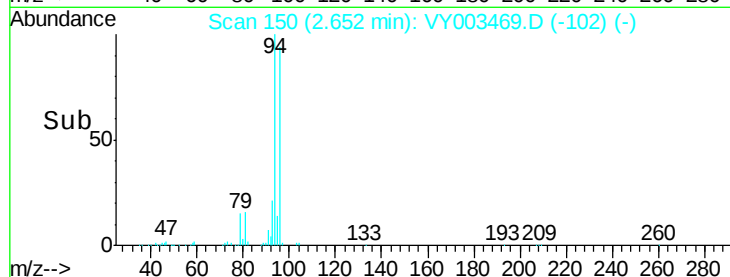
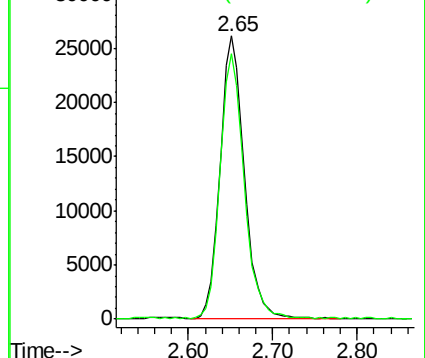
94 100

96 93.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.524 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003469.D

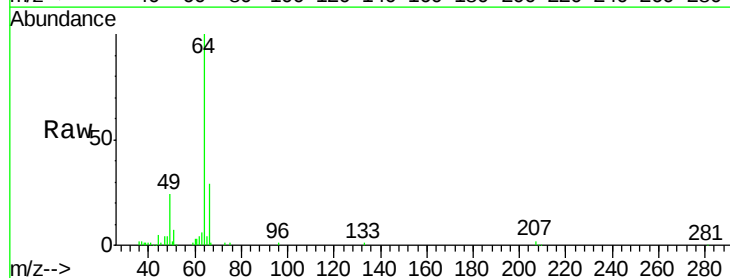
Acq: 02 Nov 2020 13:58

Tgt Ion: 64 Resp: 37936

Ion Ratio Lower Upper

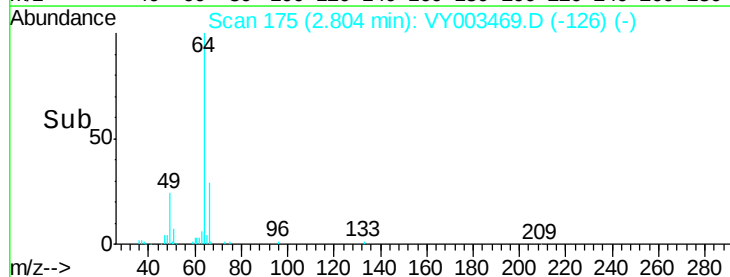
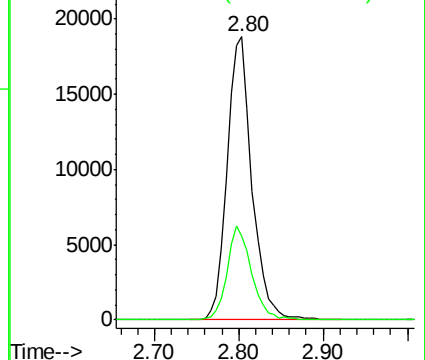
64 100

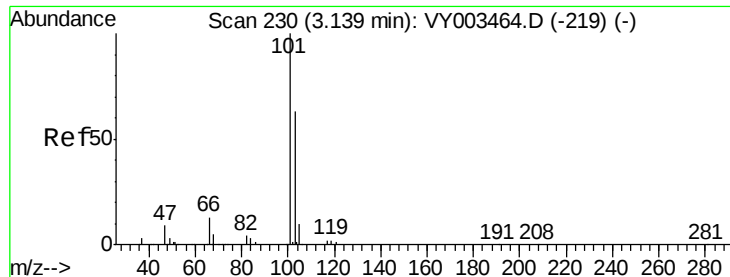
66 29.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



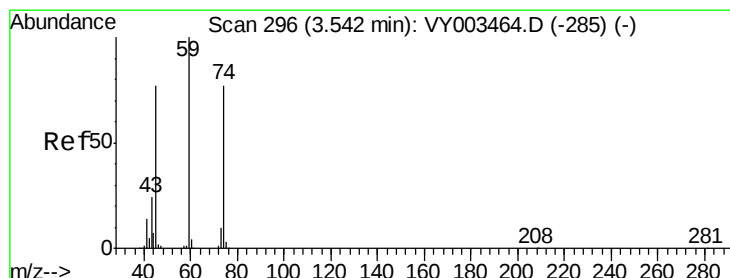
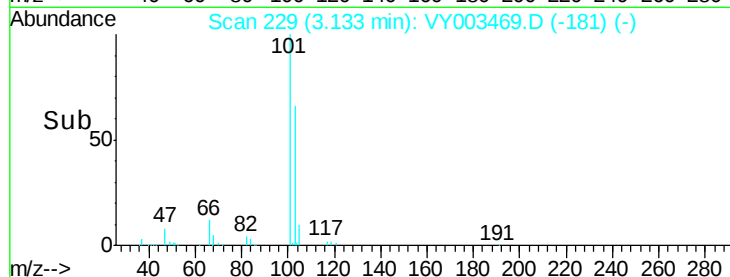
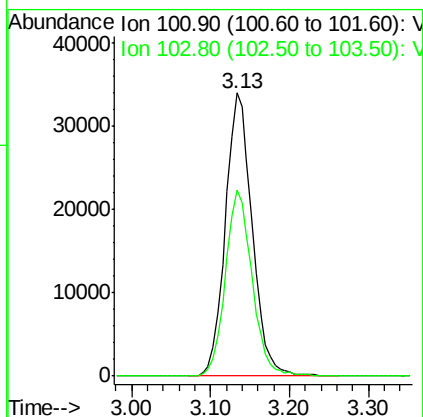
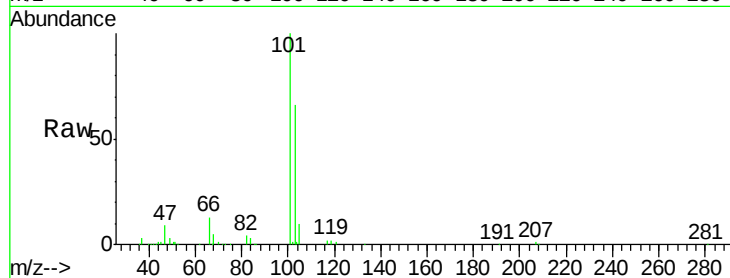


#7

Trichlorofluoromethane
Concen: 21.436 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

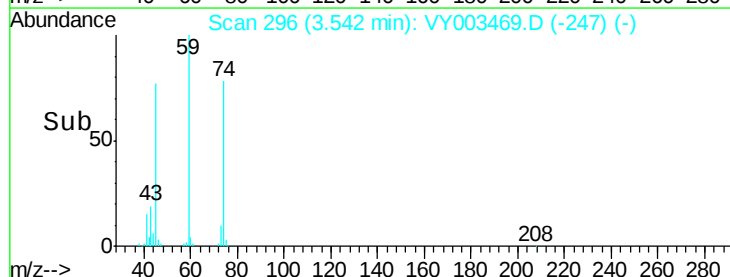
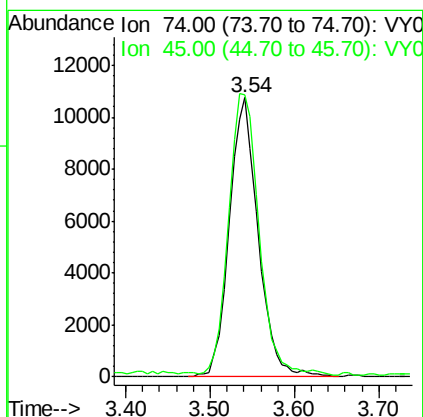
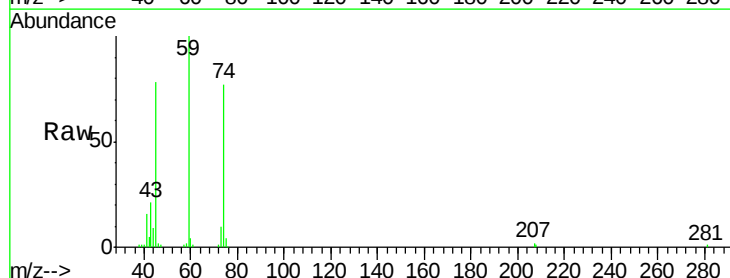
Tot Ion:101 Resp: 80460
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

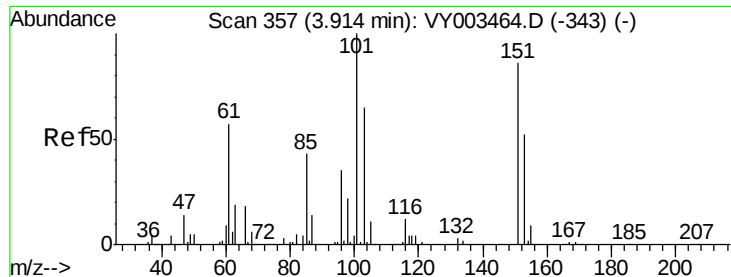


#8

Diethyl Ether
Concen: 21.648 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 74 Resp: 24917
Ion Ratio Lower Upper
74 100
45 106.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.673 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

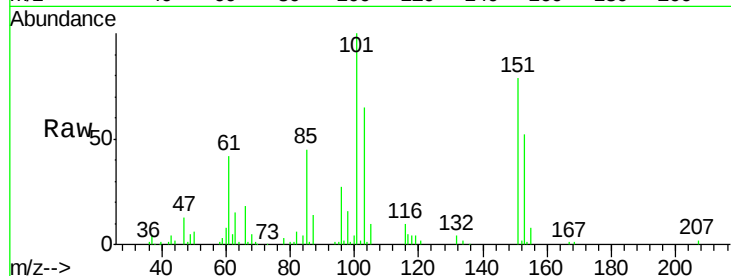
Tot Ion:101 Resp: 44961

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.8

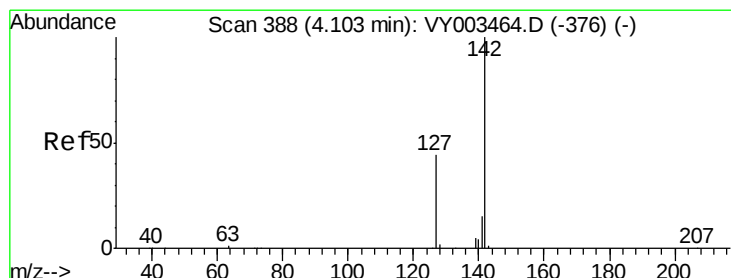
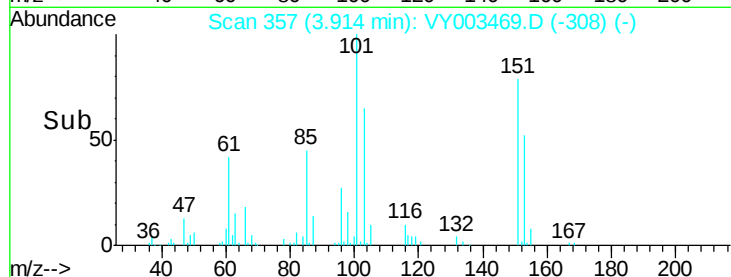
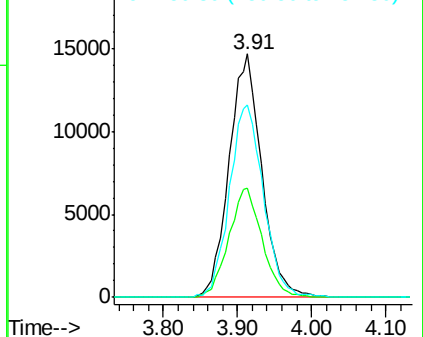
151 81.9 67.6 101.4



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: 20.927 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

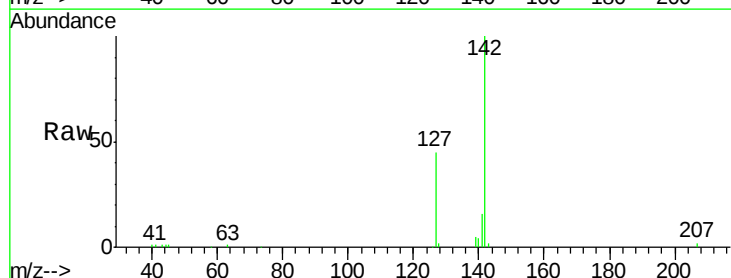
Tgt Ion:142 Resp: 38282

Ion Ratio Lower Upper

142 100

127 44.0 34.5 51.7

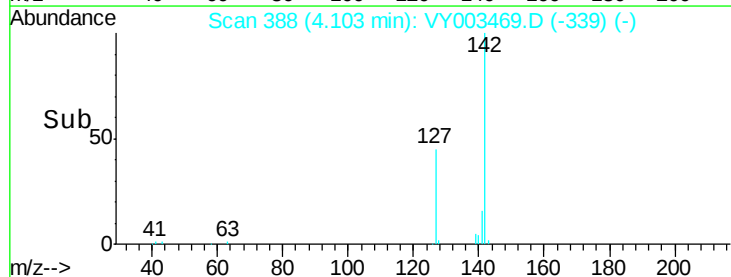
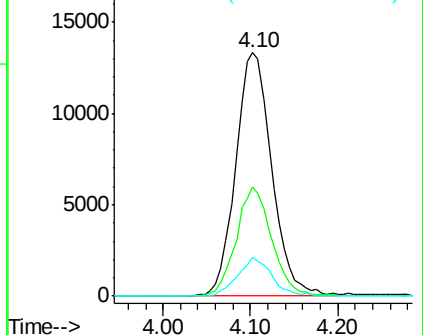
141 15.0 11.8 17.8

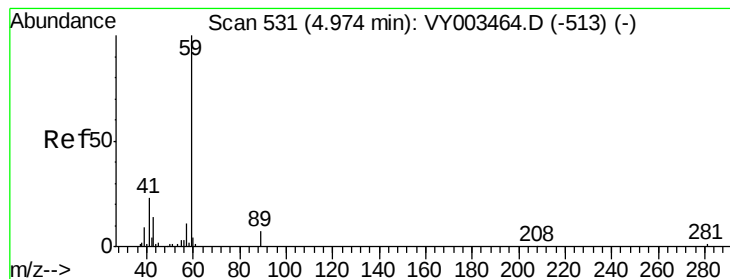


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



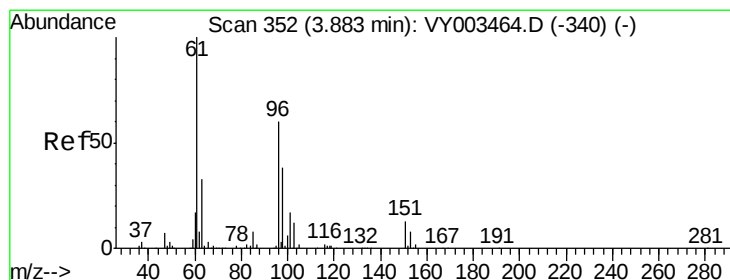
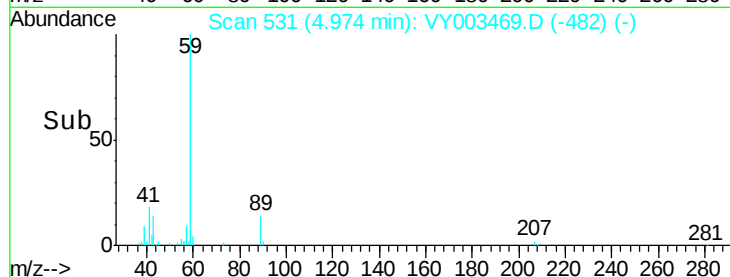
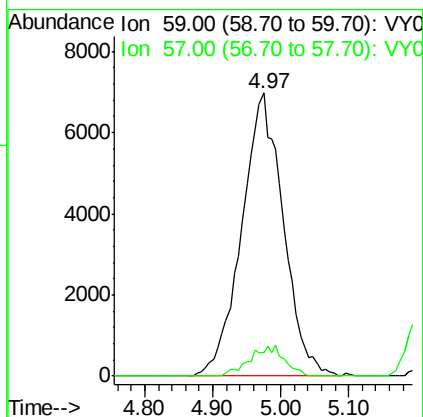
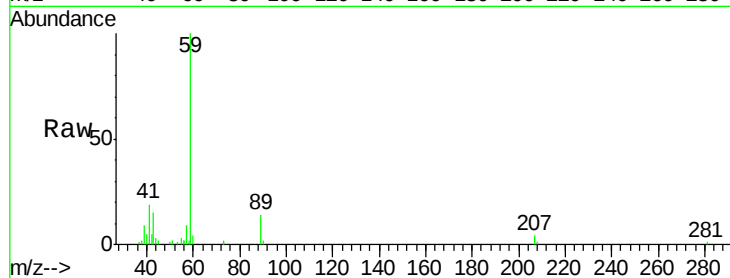


#11

Tert butyl alcohol
 Concen: 102.575 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

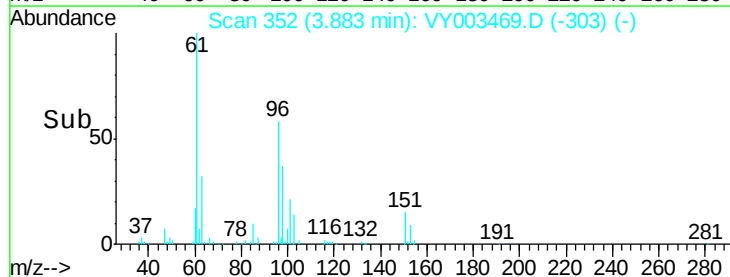
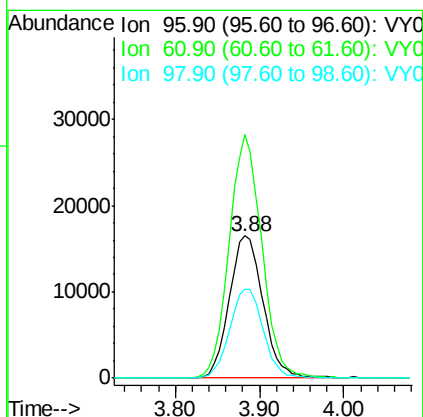
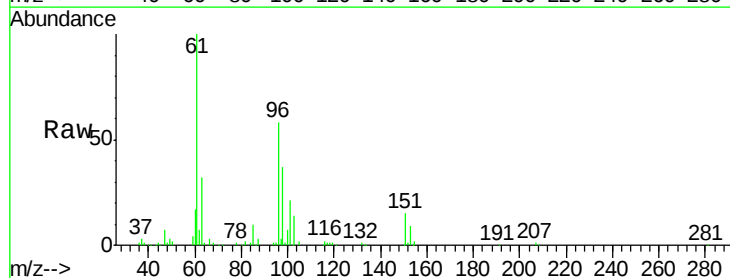
Tot Ion: 59 Resp: 29612
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.9 11.9

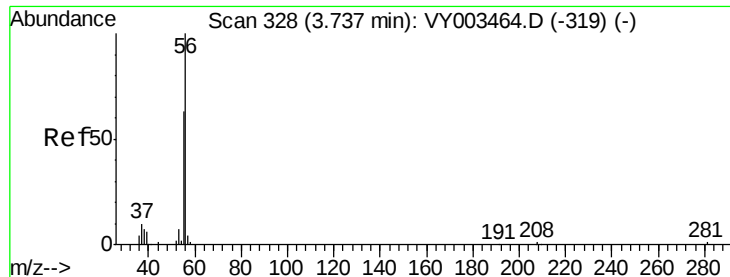


#12

1,1-Dichloroethene
 Concen: 21.739 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 96 Resp: 44871
 Ion Ratio Lower Upper
 96 100
 61 171.3 133.6 200.4
 98 62.8 50.2 75.2





#13

Acrolein

Concen: 112.456 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

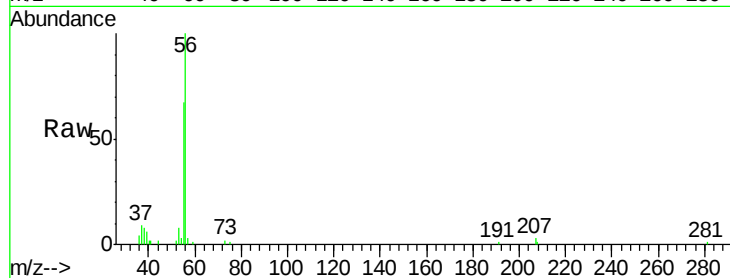
VY1102SBS01

Tot Ion: 56 Resp: 24198

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

10000

8000

6000

4000

2000

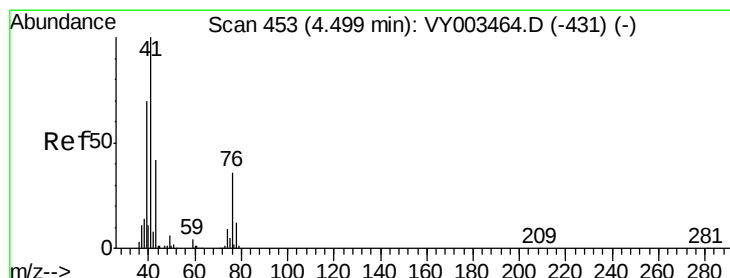
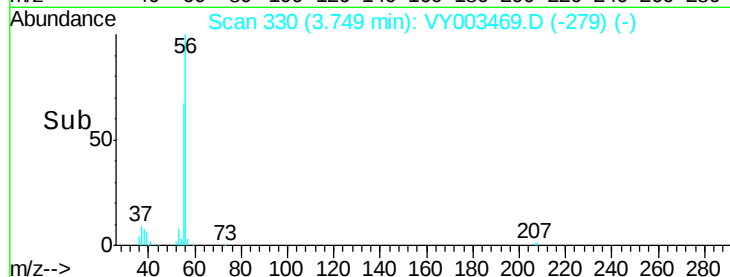
0

3.75

3.70

3.80

Time-->



#14

Allyl chloride

Concen: 21.284 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

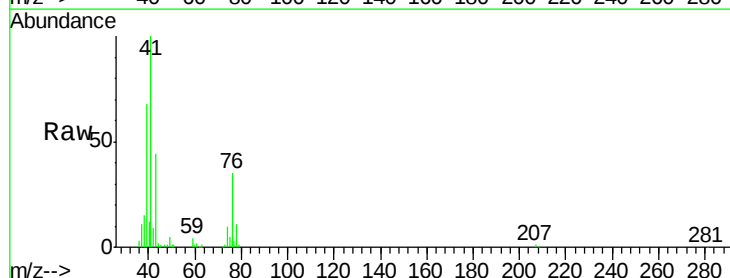
Tgt Ion: 41 Resp: 80149

Ion Ratio Lower Upper

41 100

39 66.7 54.4 81.6

76 34.0 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

20000

10000

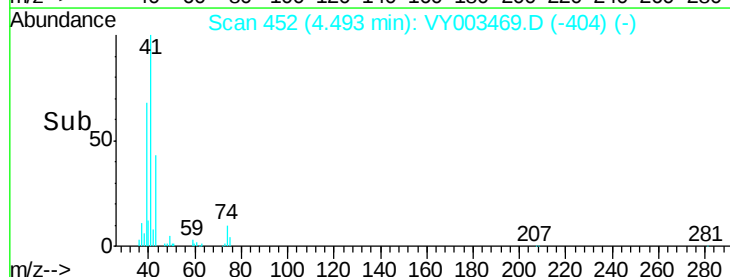
0

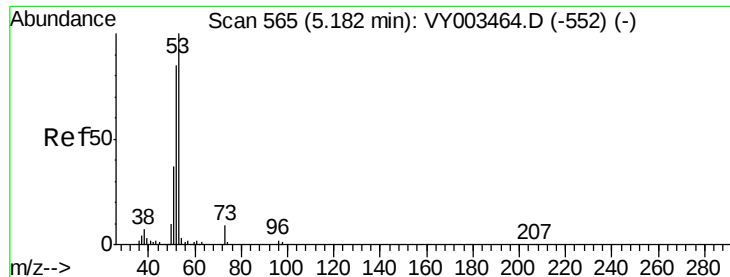
4.49

4.40

4.60

Time-->





#15

Acrylonitrile

Concen: 106.439 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

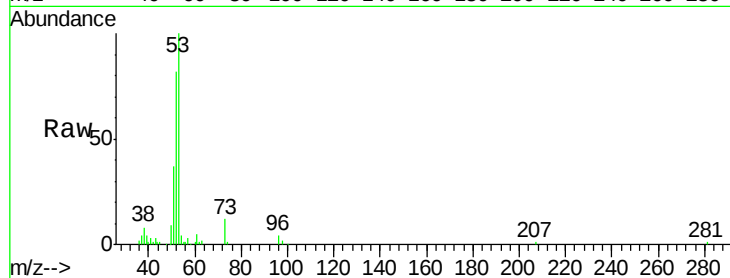
MSVOA_Y

ClientSampleId :

VY1102SBS01

Tot Ion: 53 Resp: 65397

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	36.2	29.3	43.9

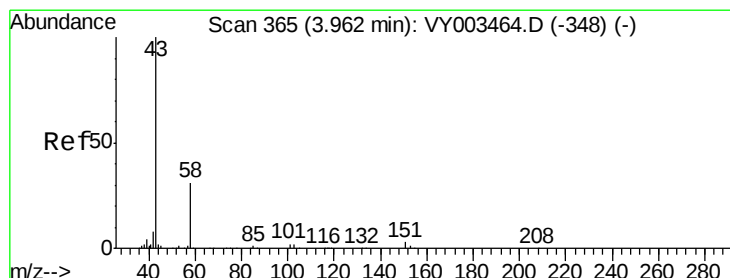
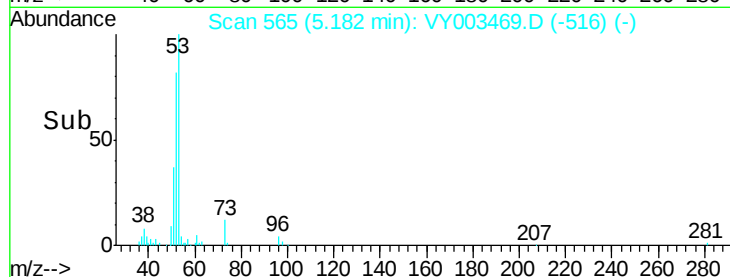
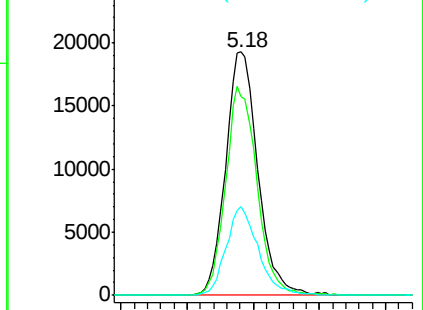


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 93.677 ug/l

RT: 3.96 min Scan# 365

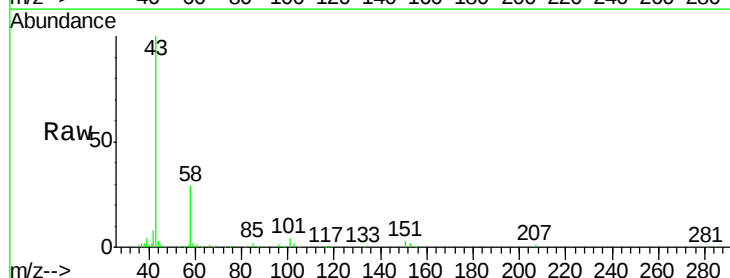
Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Tgt Ion: 43 Resp: 80125

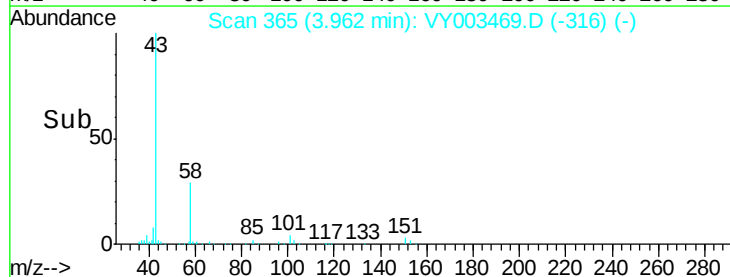
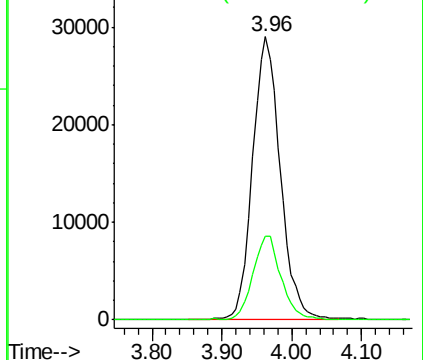
Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.0	37.4

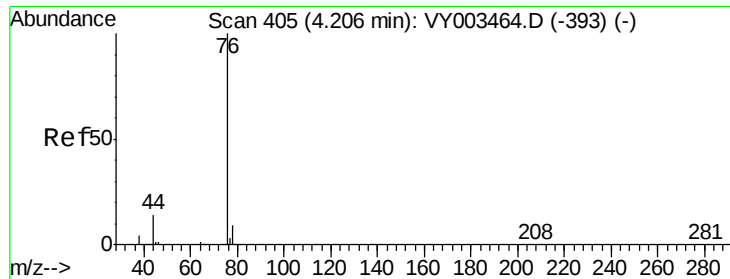


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

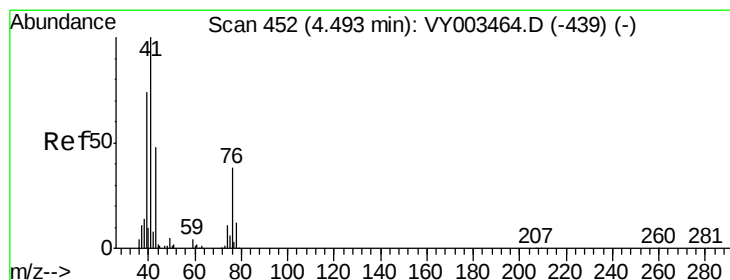
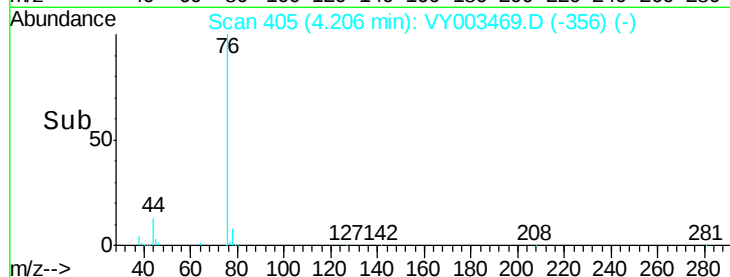
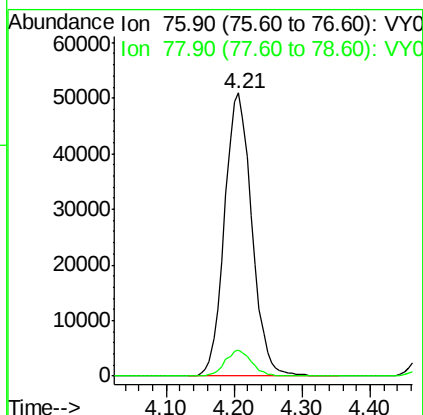
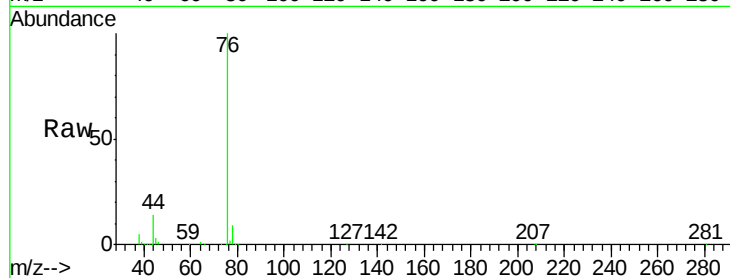




#17
Carbon Disulfide
Concen: 21.160 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

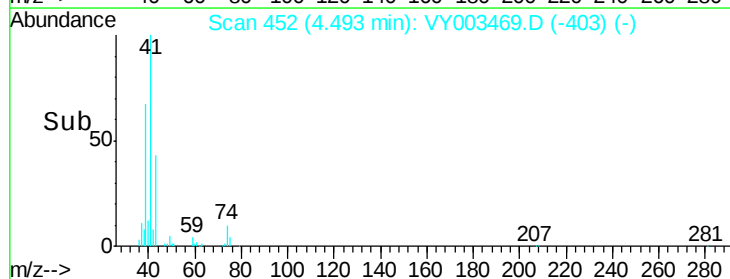
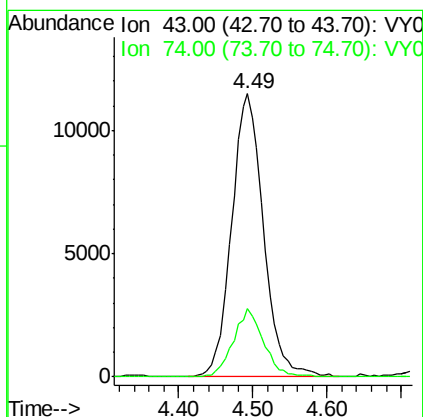
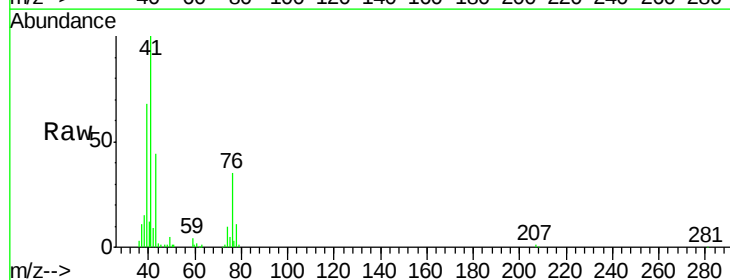
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

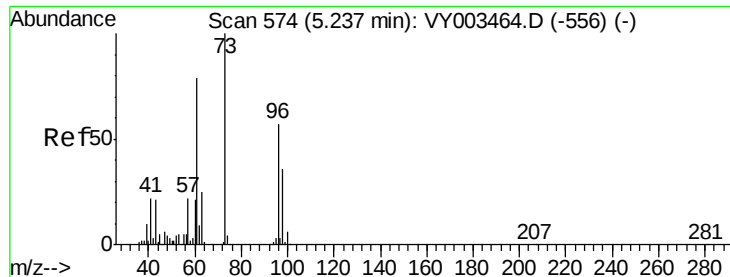
Tot Ion: 76 Resp: 141489
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 21.288 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 43 Resp: 34410
Ion Ratio Lower Upper
43 100
74 22.7 18.4 27.6

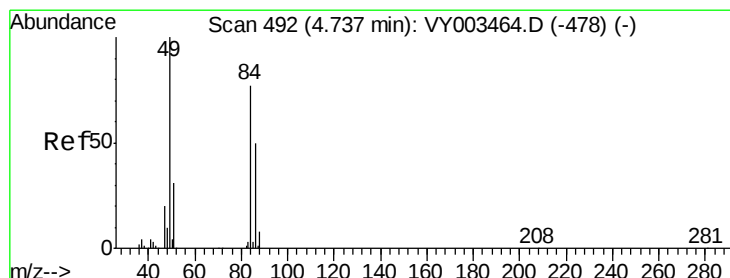
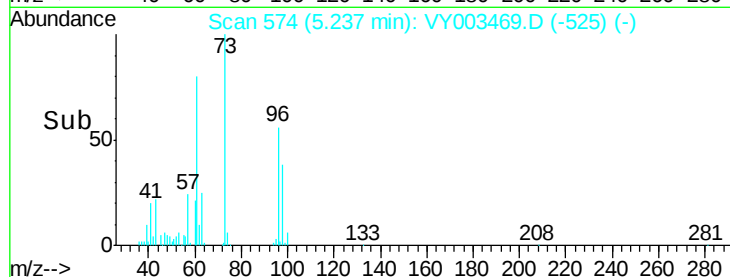
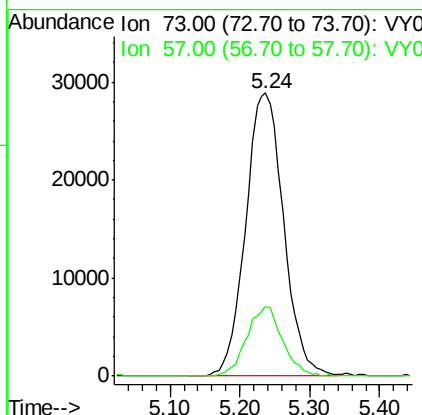
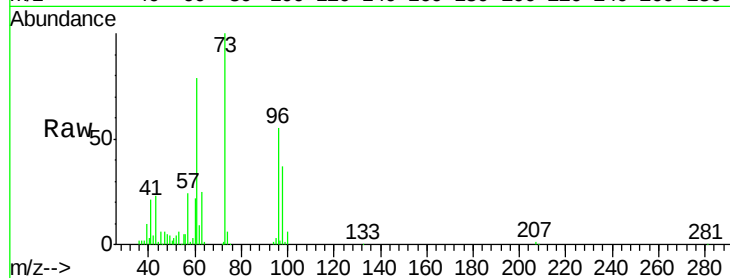




#19
Methvl tert-butvl Ether
Concen: 21.320 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

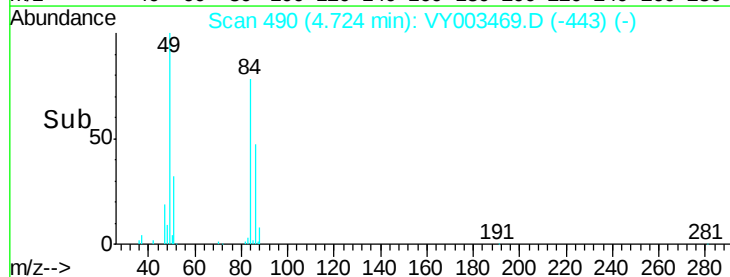
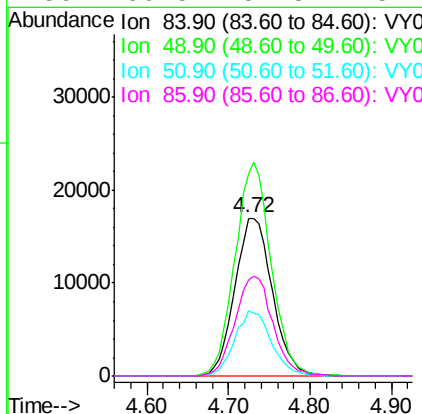
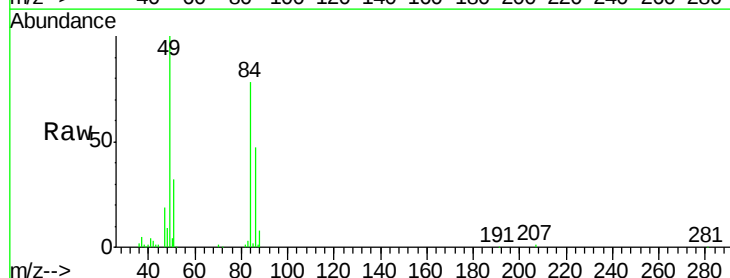
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

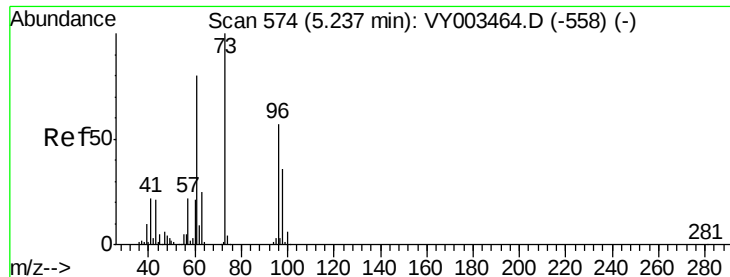
Tot Ion: 73 Resp: 108996
Ion Ratio Lower Upper
73 100
57 24.5 17.2 25.8



#20
Methylene Chloride
Concen: 22.513 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 84 Resp: 54229
Ion Ratio Lower Upper
84 100
49 127.7 104.3 156.5
51 40.9 32.5 48.7
86 60.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.993 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

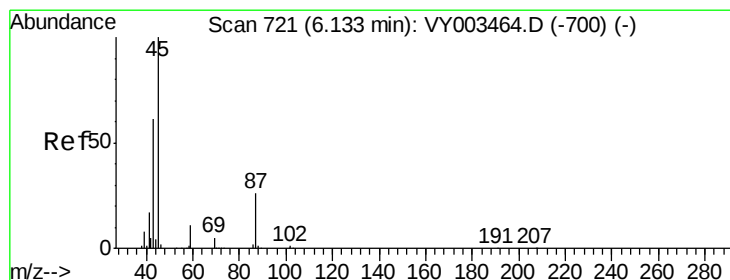
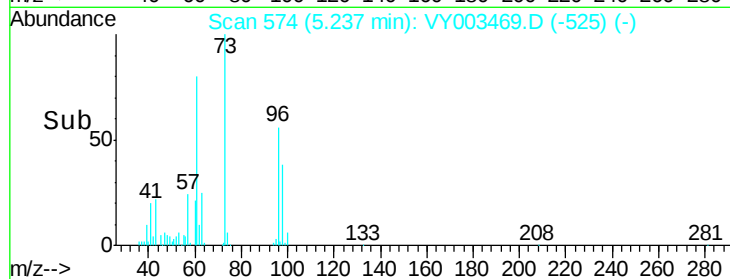
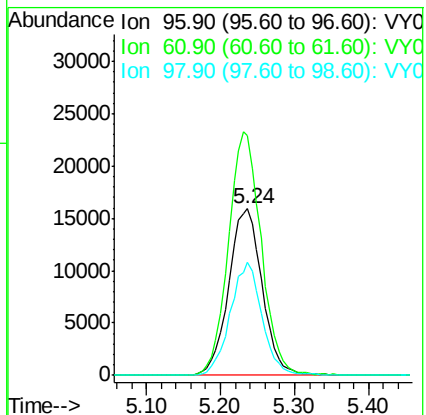
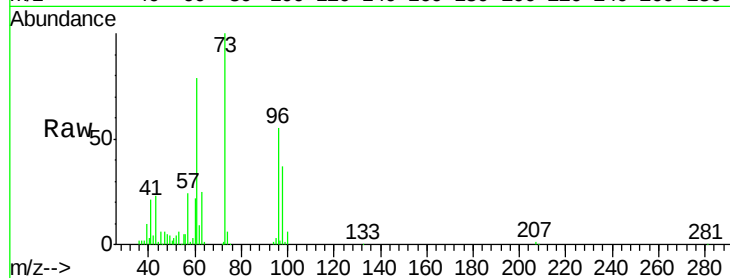
Tot Ion: 96 Resp: 50174

Ion Ratio Lower Upper

96 100

61 144.0 111.3 166.9

98 67.6 50.3 75.5



#22

Diisopropyl ether

Concen: 21.630 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Tgt Ion: 45 Resp: 142865

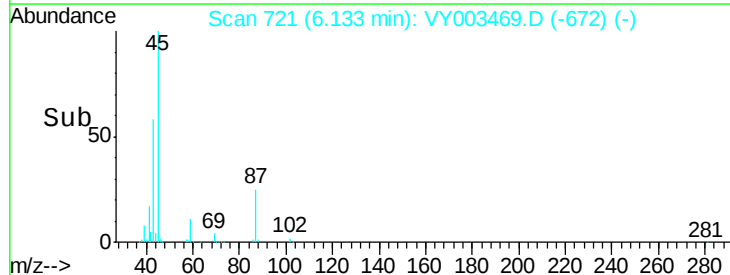
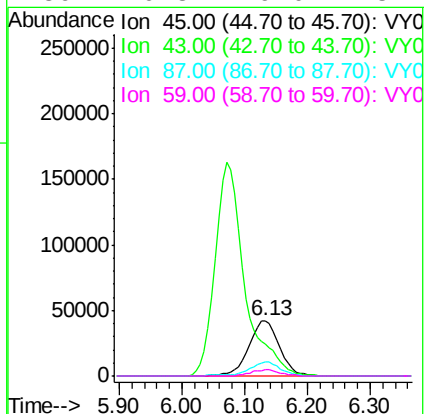
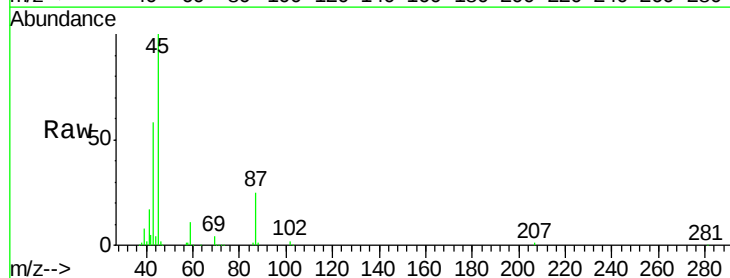
Ion Ratio Lower Upper

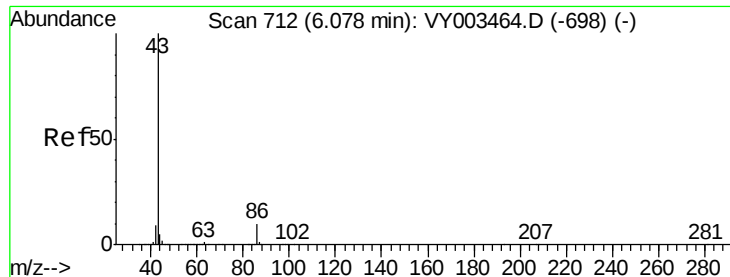
45 100

43 57.1 48.8 73.2

87 25.4 20.6 31.0

59 10.8 9.0 13.4





#23

Vinyl Acetate

Concen: 107.114 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

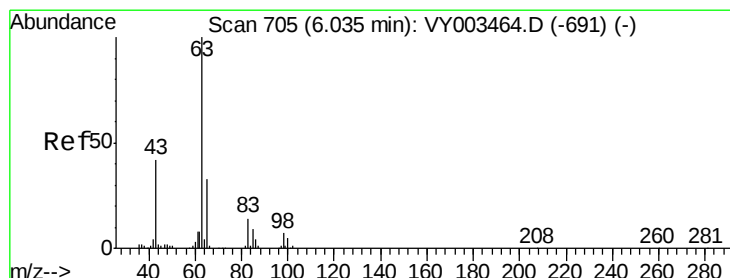
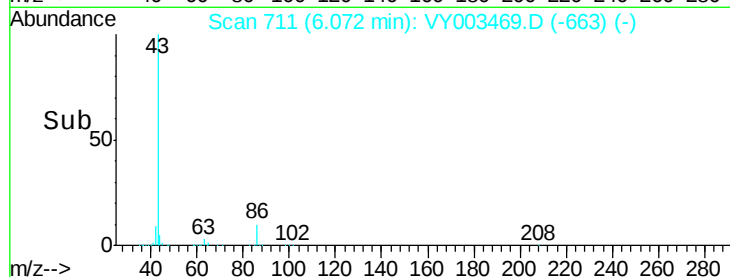
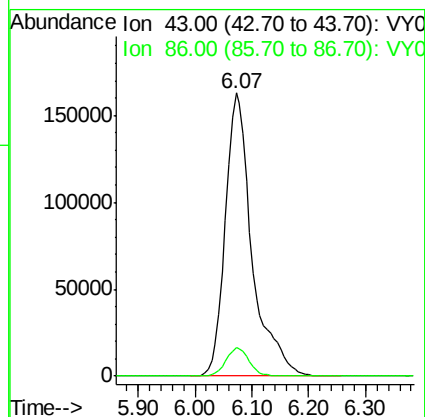
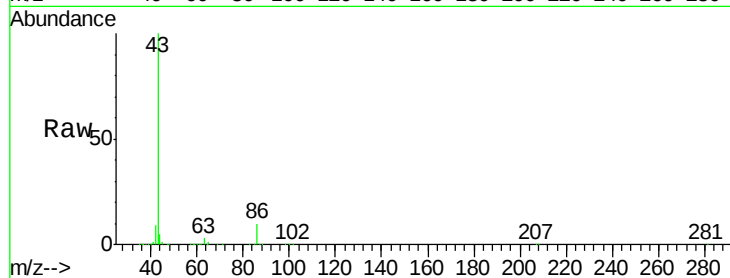
VY1102SBS01

Tot Ion: 43 Resp: 531650

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.2



#24

1,1-Dichloroethane

Concen: 21.611 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

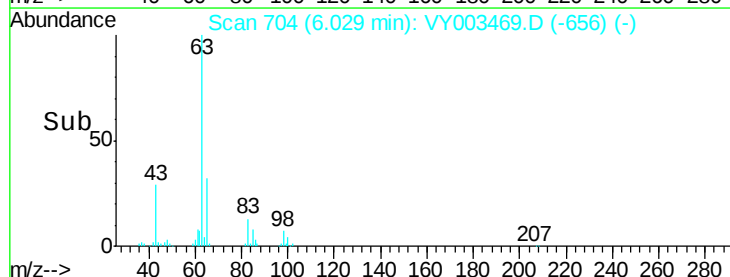
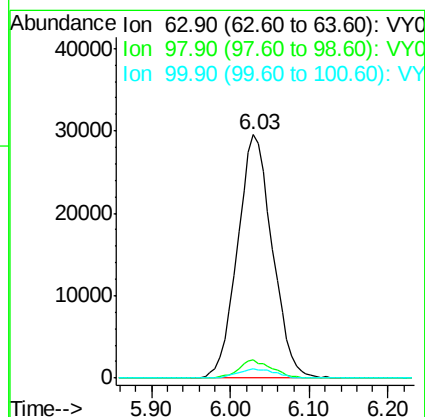
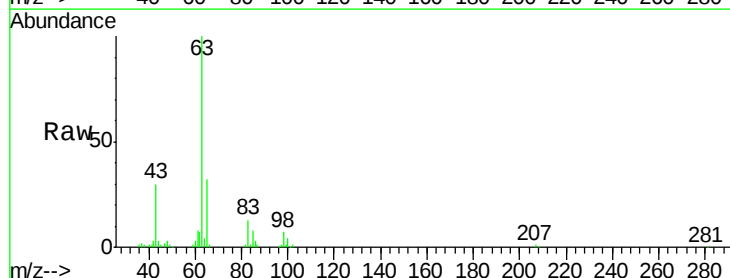
Tgt Ion: 63 Resp: 90704

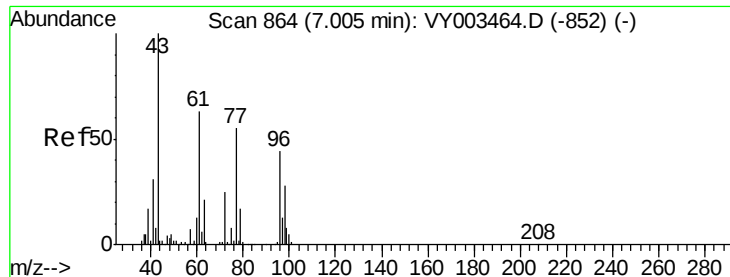
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 3.9 2.3 6.9





#25

2-Butanone

Concen: 100.674 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

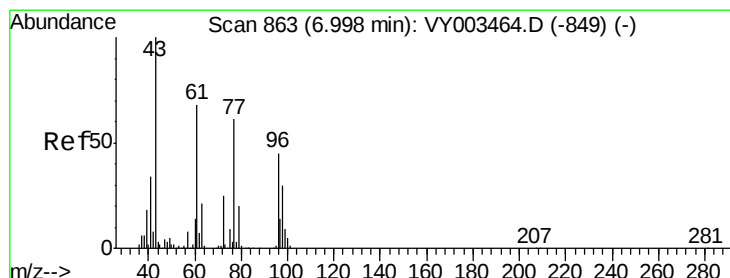
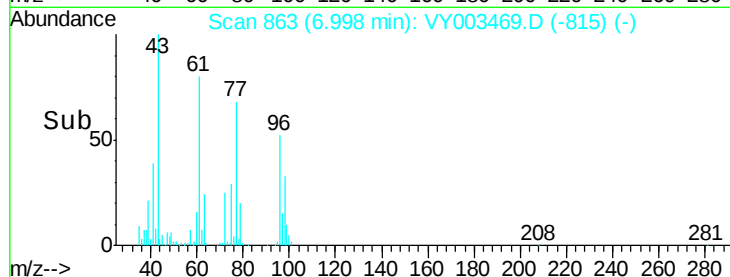
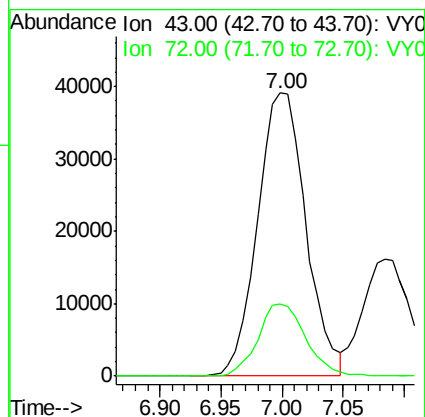
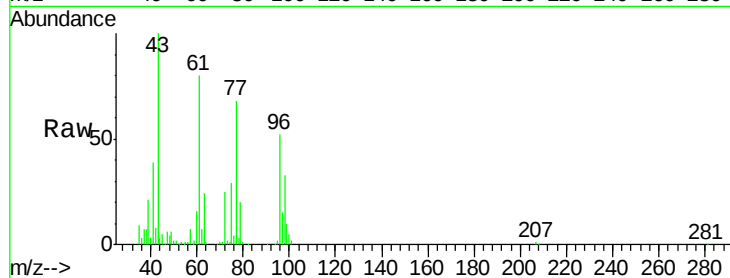
VY1102SBS01

Tot Ion: 43 Resp: 107698

Ion Ratio Lower Upper

43 100

72 25.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 21.245 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003469.D

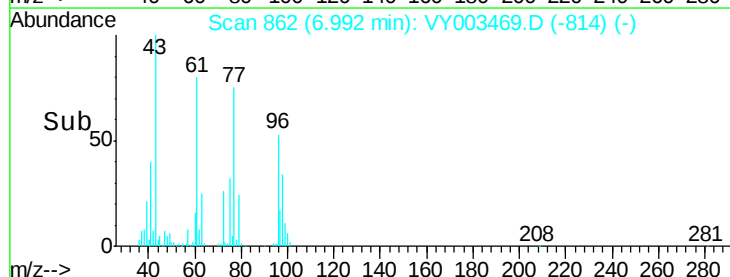
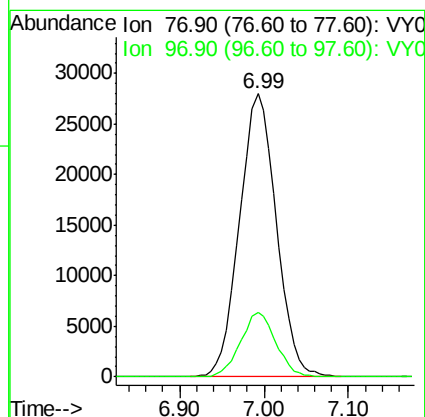
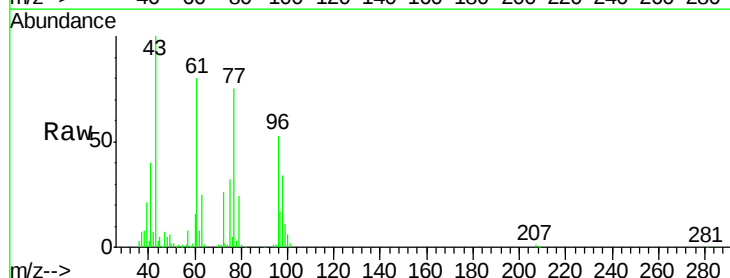
Acq: 02 Nov 2020 13:58

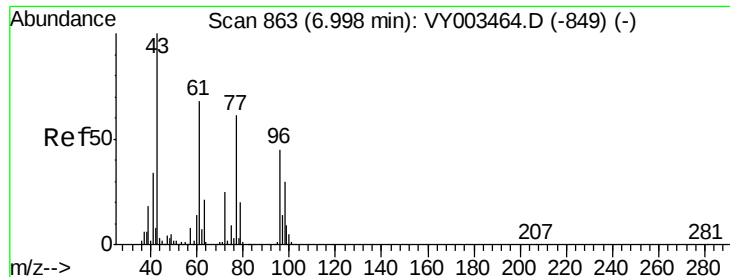
Tgt Ion: 77 Resp: 83071

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6



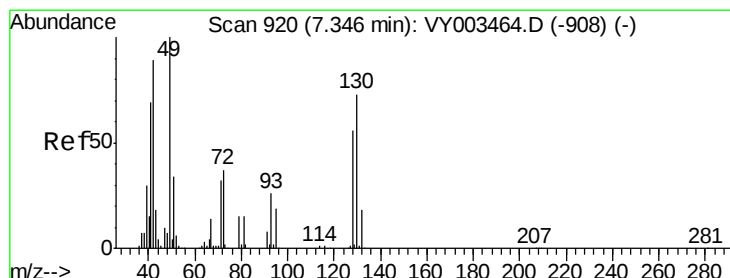
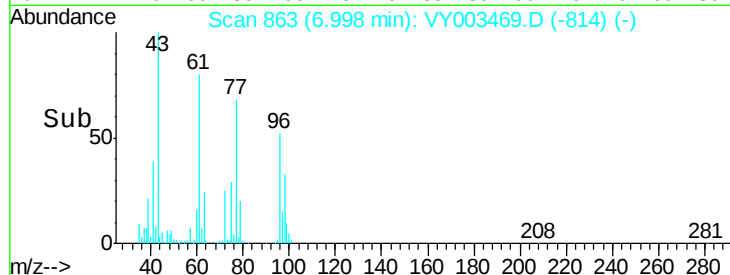
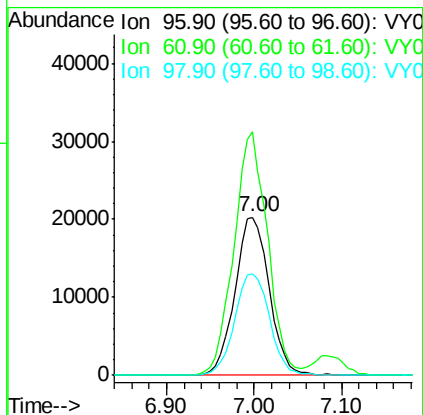
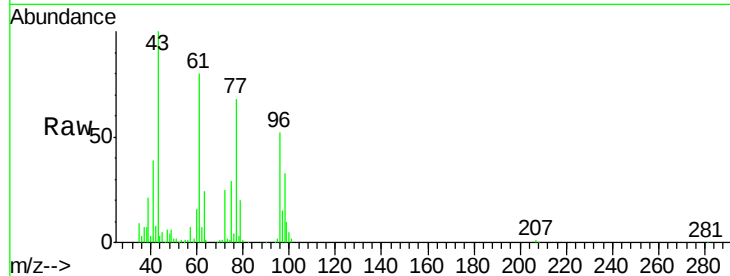


#27

cis-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

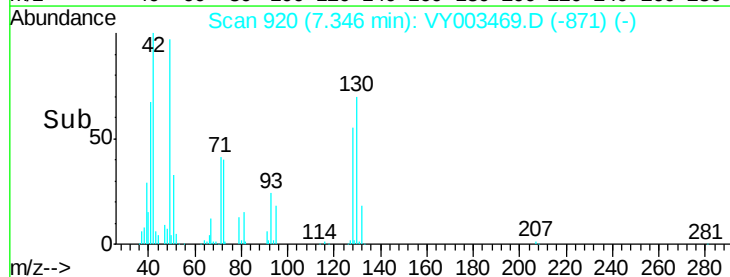
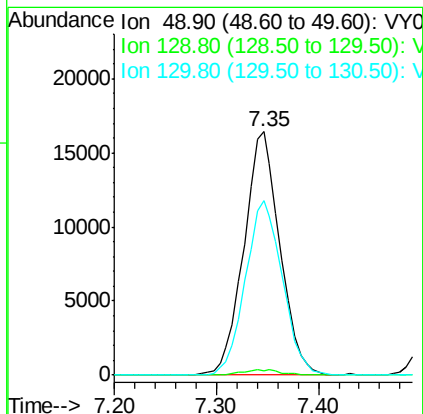
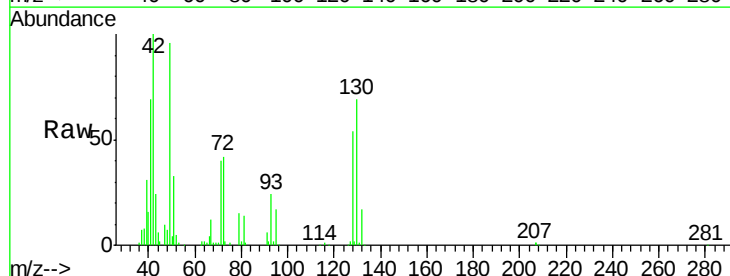
Tot Ion: 96 Resp: 55271
Ion Ratio Lower Upper
96 100
61 150.8 0.0 299.2
98 65.5 0.0 128.6

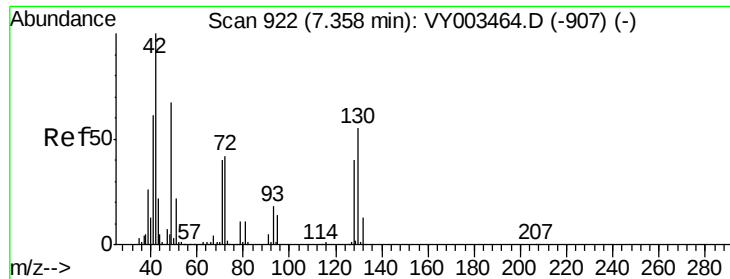


#28

Bromochloromethane
Concen: 19.122 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 49 Resp: 40376
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 73.7 60.0 90.0

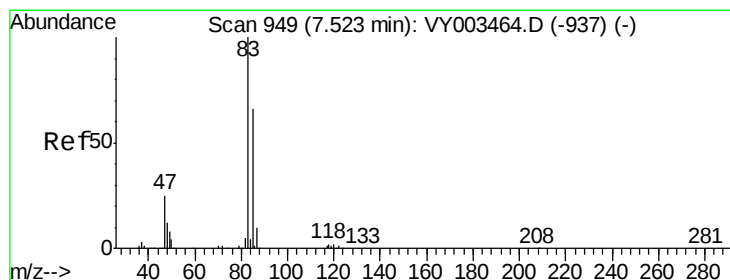
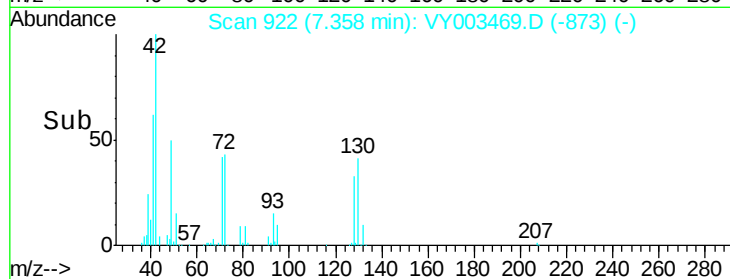
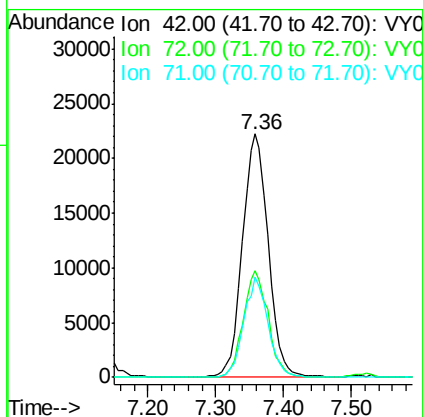
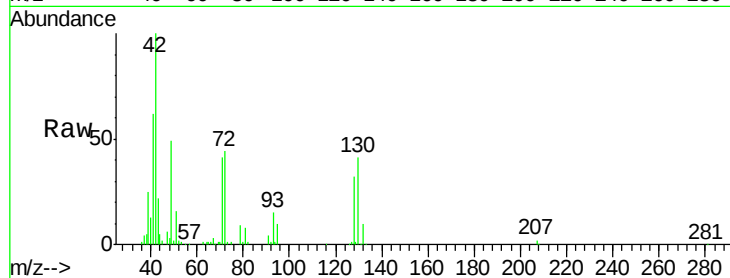




#29
Tetrahydrofuran
Concen: 104.837 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

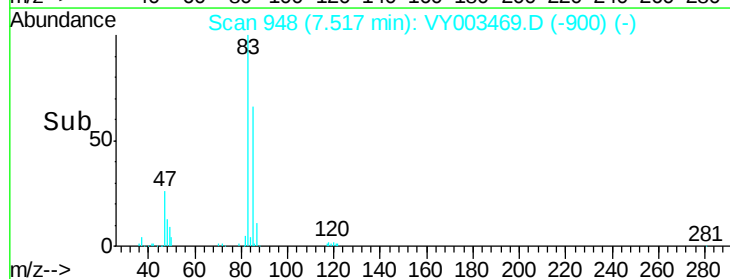
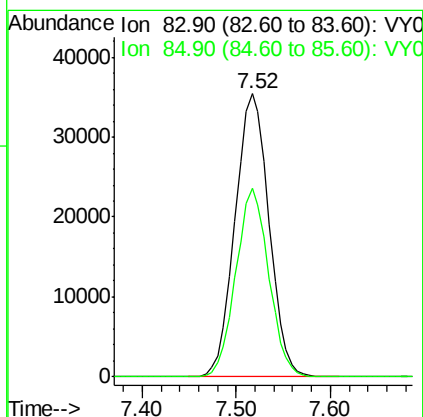
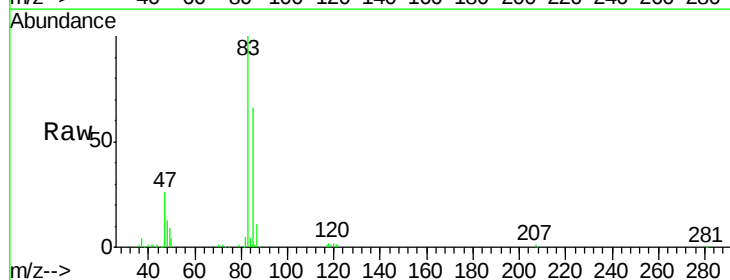
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

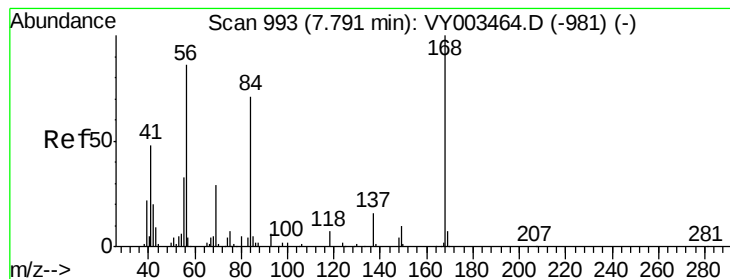
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	32.8	49.2
71	38.5	30.7	46.1



#30
Chloroform
Concen: 21.490 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.6	79.0





#31

Cyclohexane

Concen: 21.298 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

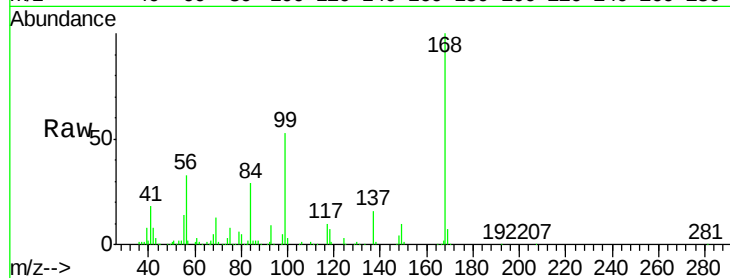
Tot Ion: 56 Resp: 82770

Ion Ratio Lower Upper

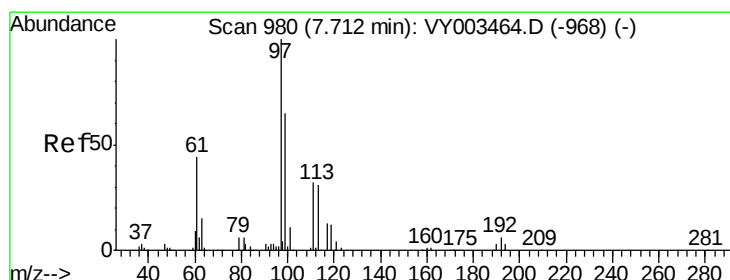
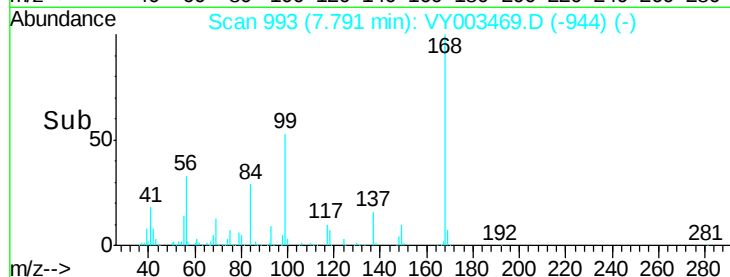
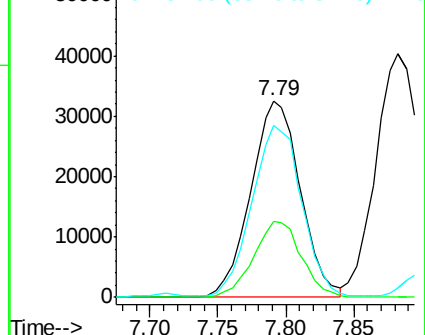
56 100

69 38.3 26.6 39.8

84 86.6 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: 21.334 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

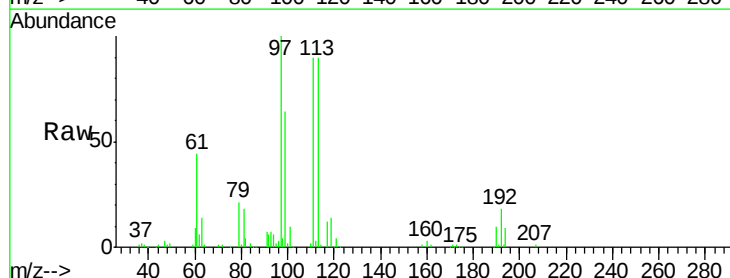
Tgt Ion: 97 Resp: 82047

Ion Ratio Lower Upper

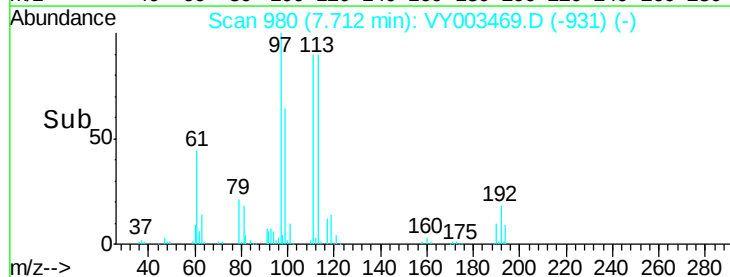
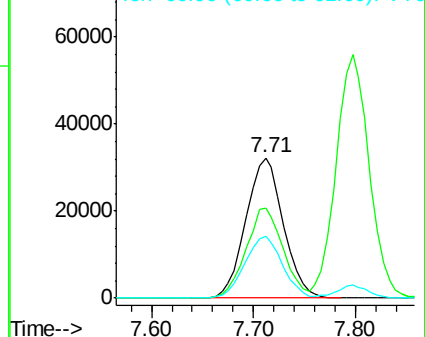
97 100

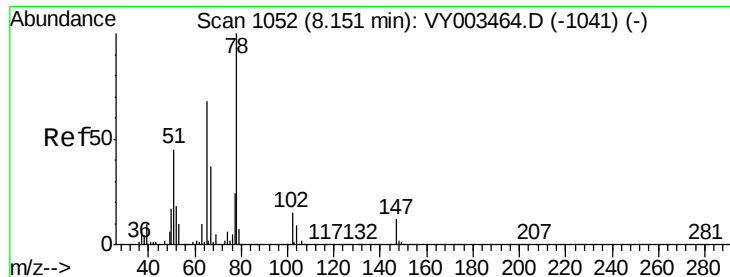
99 63.8 51.6 77.4

61 44.3 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: 50.399 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

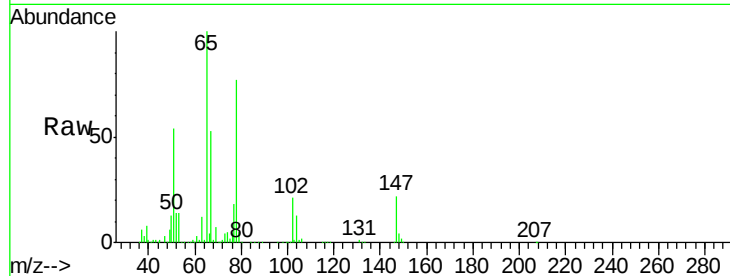
VY1102SBS01

Tot Ion: 65 Resp: 130675

Ion Ratio Lower Upper

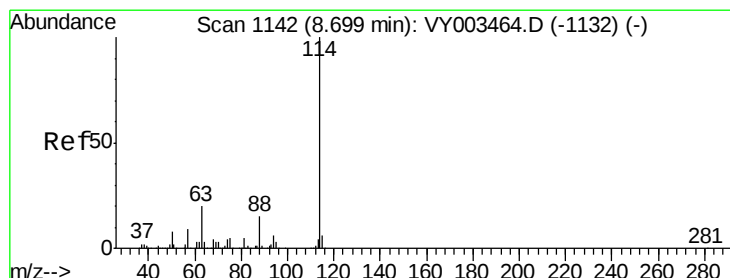
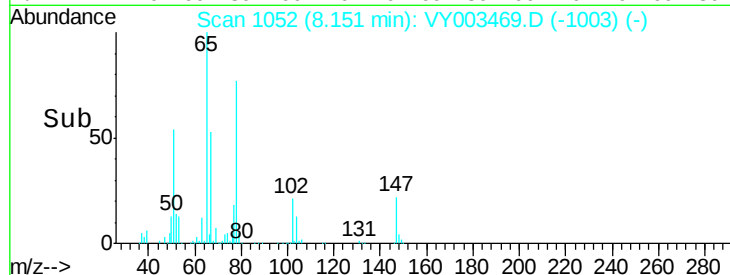
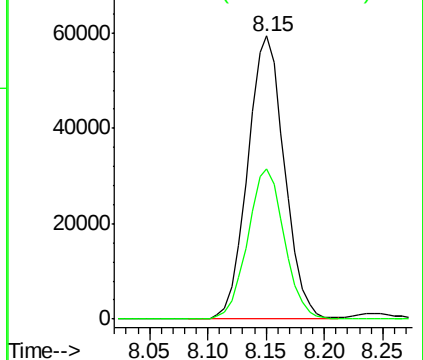
65 100

67 53.0 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: VY003469.D

Acq: 02 Nov 2020 13:58

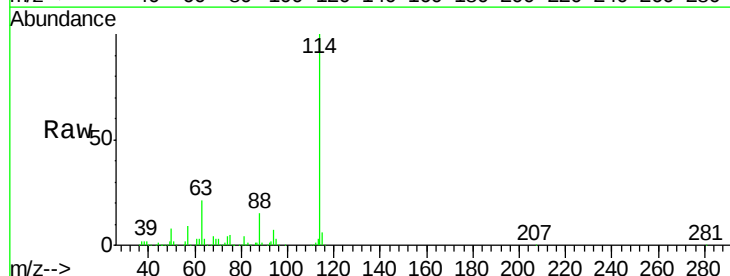
Tgt Ion:114 Resp: 365137

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

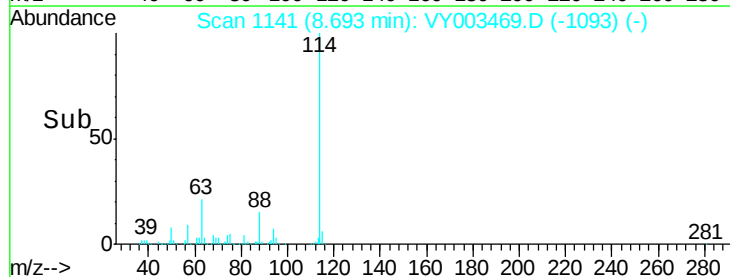
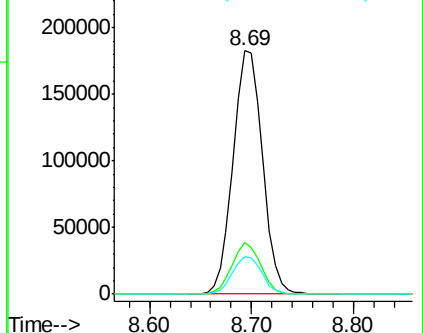
88 15.2 0.0 29.4

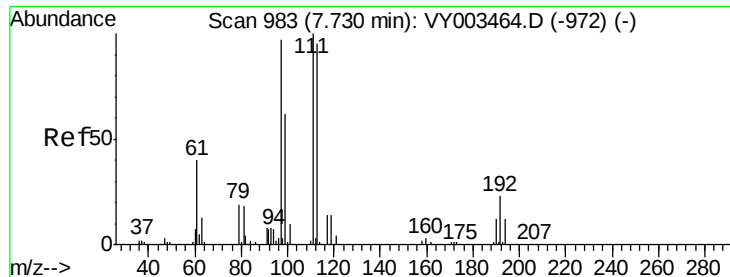


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

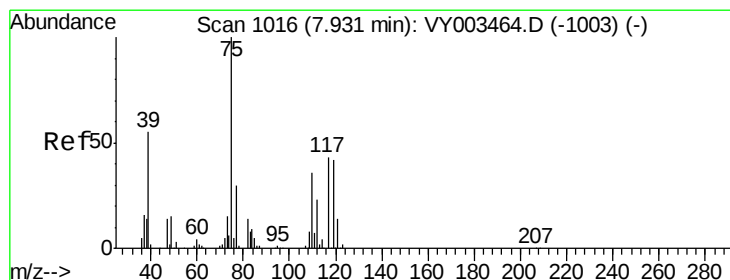
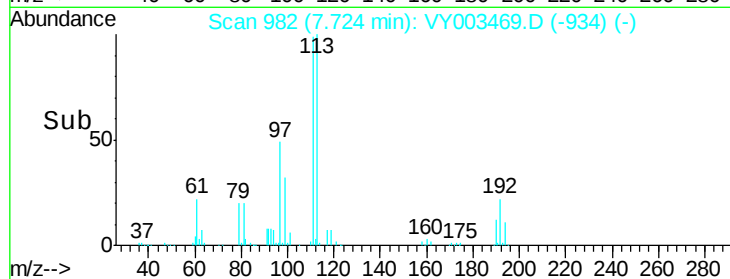
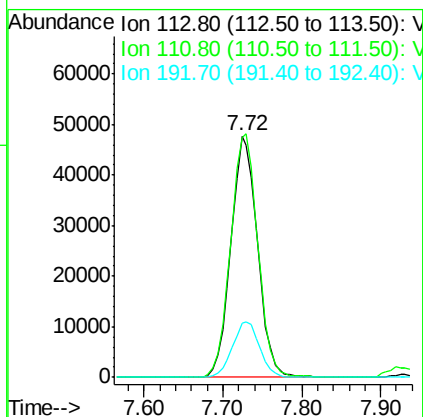
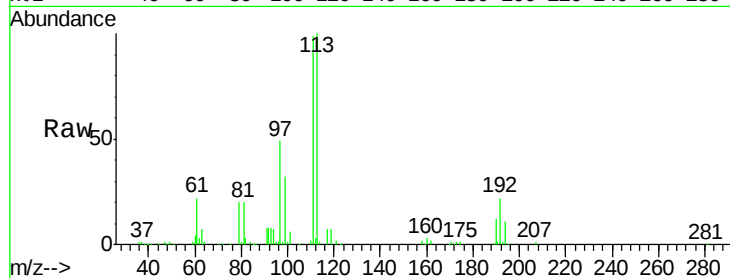




#35
 Dibromofluoromethane
 Concen: 50.324 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

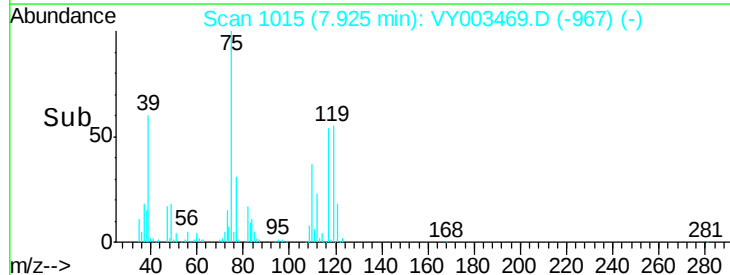
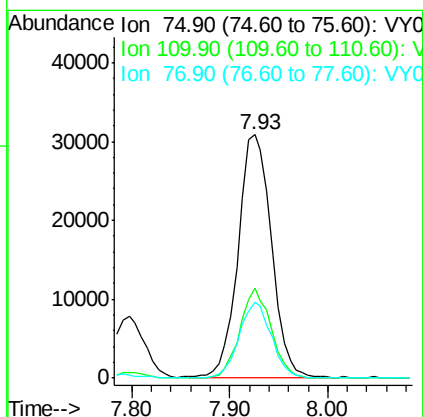
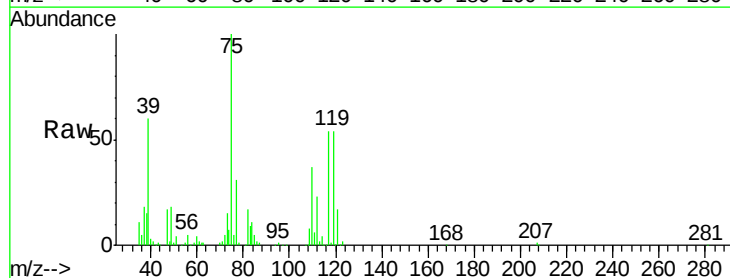
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

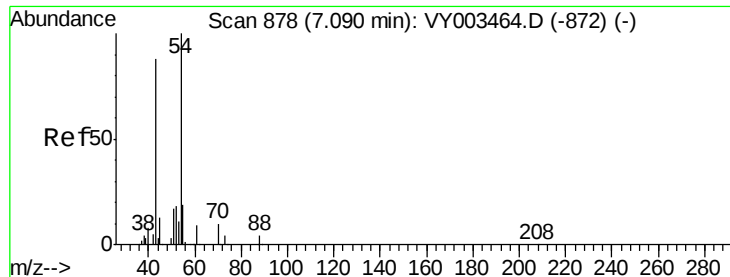
Tot Ion:113 Resp: 111817
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 23.4 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 21.059 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 75 Resp: 72499
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.6 52.9
 77 30.6 24.7 37.1

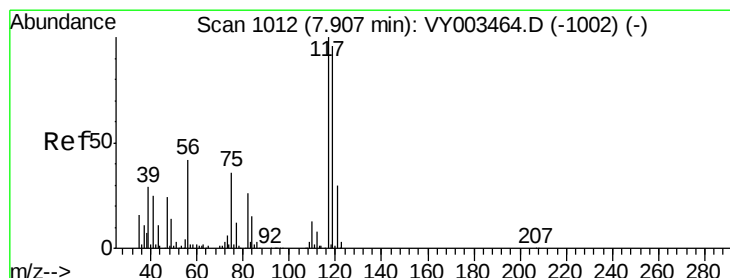
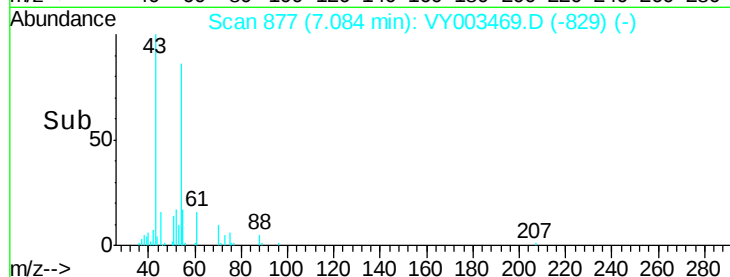
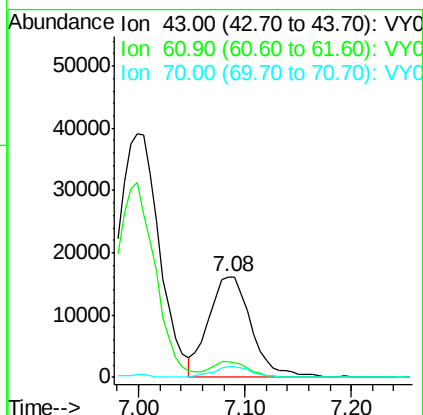
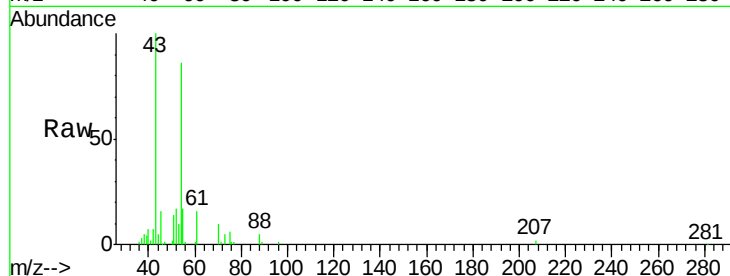




#37
Ethyl Acetate
Concen: 20.735 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

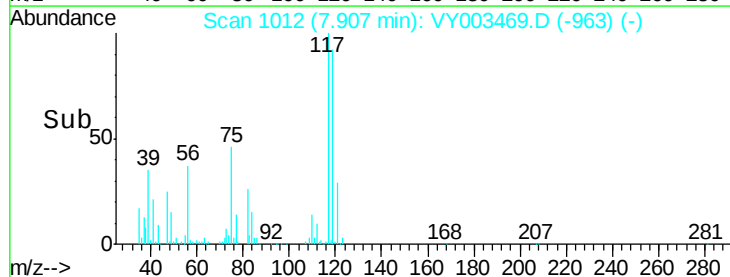
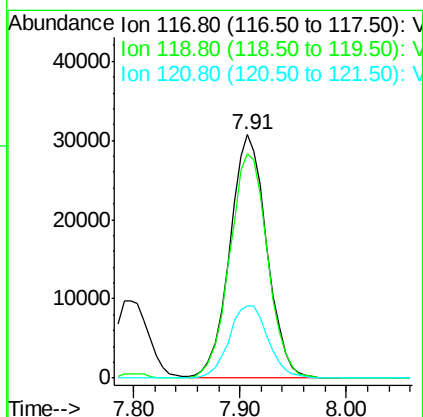
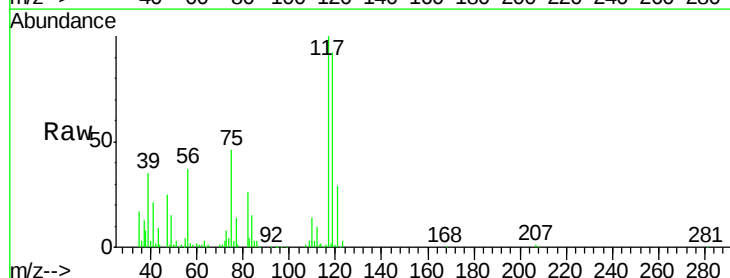
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

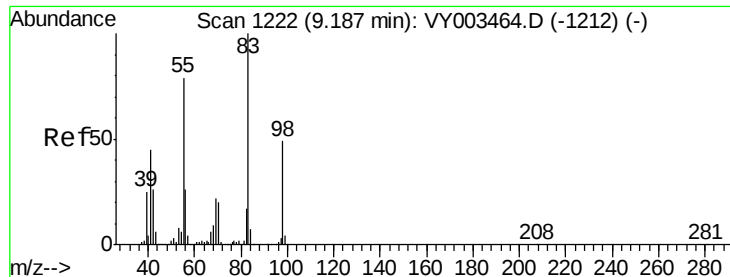
Tot Ion: 43 Resp: 44327
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.920 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 117 Resp: 74714
Ion Ratio Lower Upper
117 100
119 92.3 76.2 114.4
121 29.4 24.2 36.4

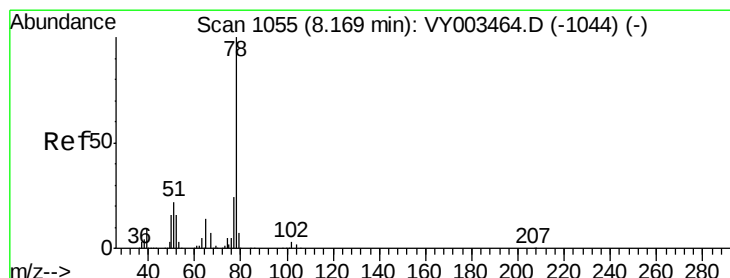
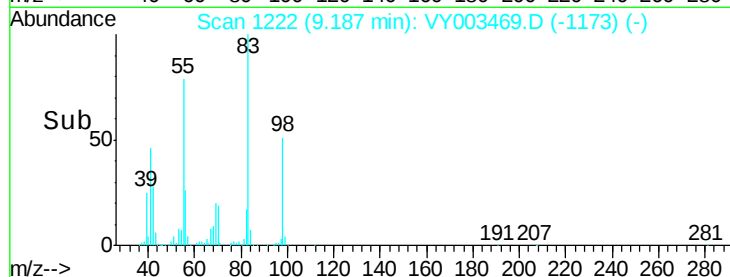
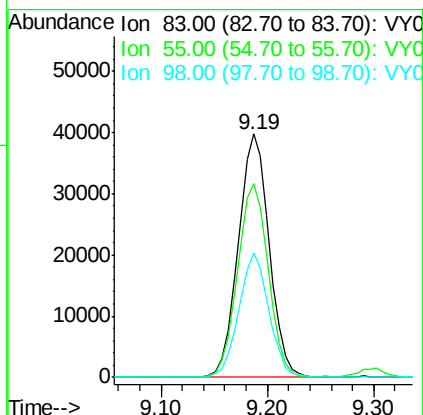
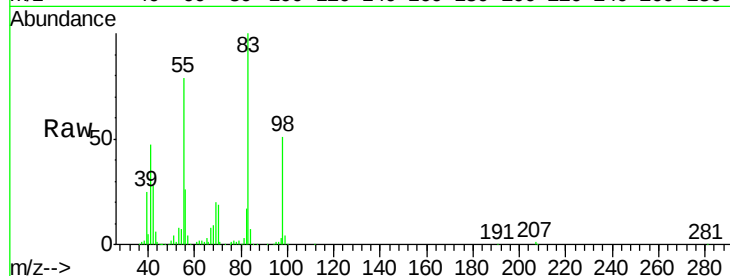




#39
Methvlcvclohexane
Concen: 21.120 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

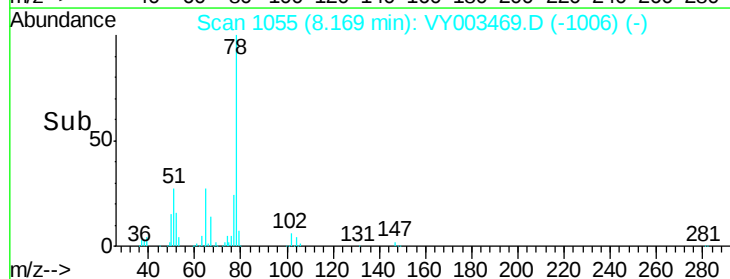
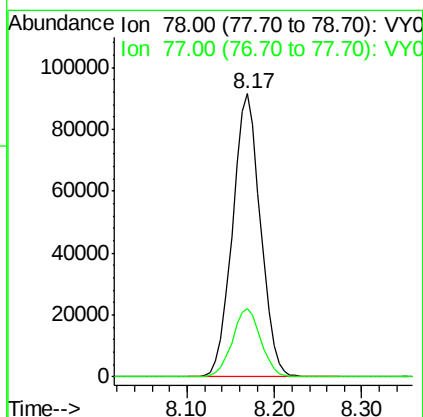
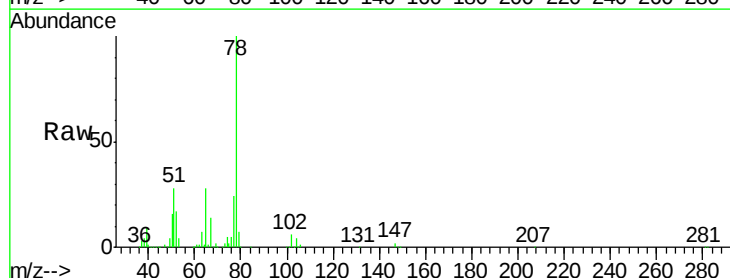
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

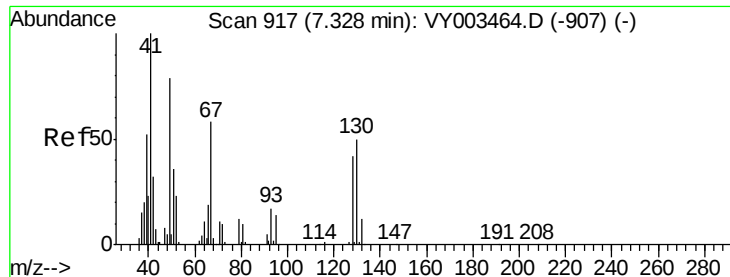
Tot Ion: 83 Resp: 80961
Ion Ratio Lower Upper
83 100
55 79.5 63.5 95.3
98 51.2 39.4 59.2



#40
Benzene
Concen: 21.234 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 78 Resp: 203434
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

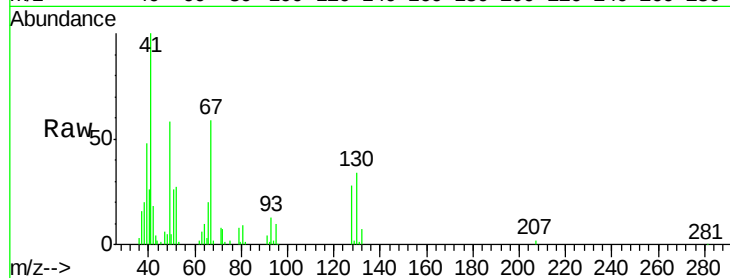




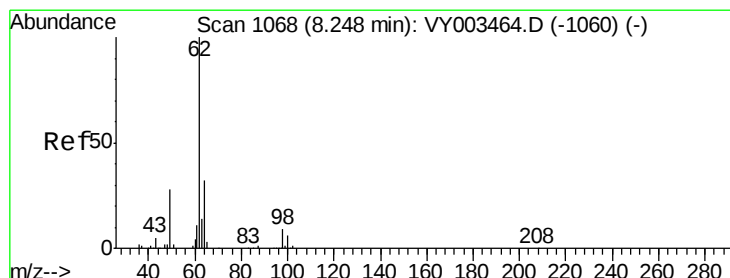
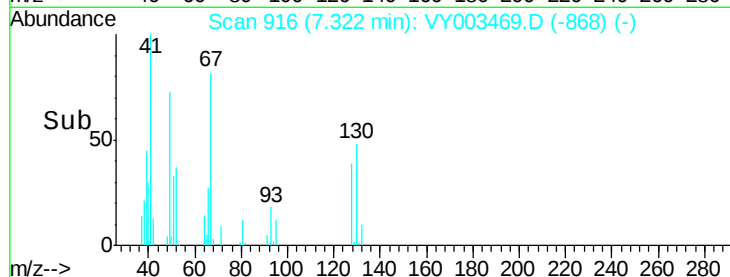
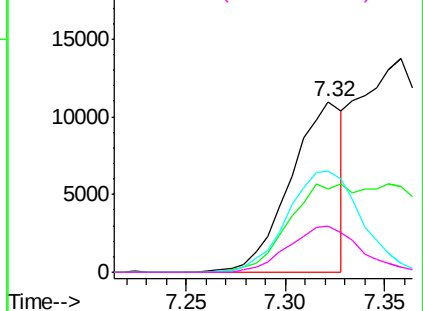
#41
Methacrylonitrile
Concen: 17.575 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

Tot Ion:	41	Resp:	20063
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

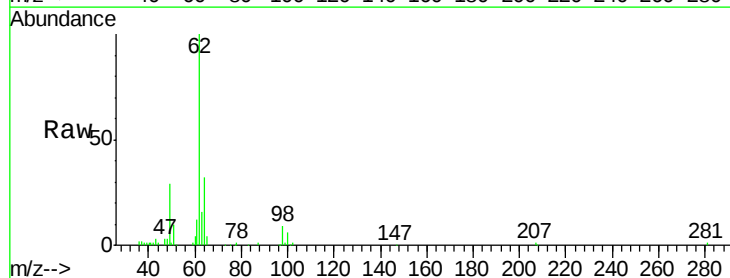


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

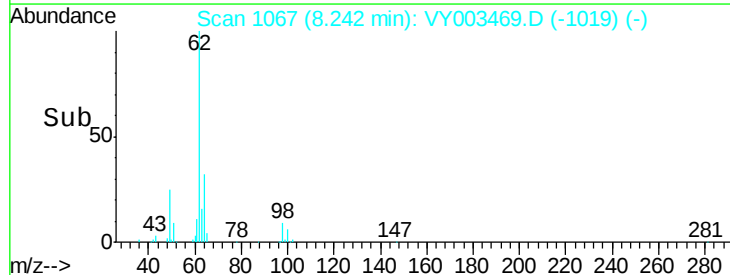
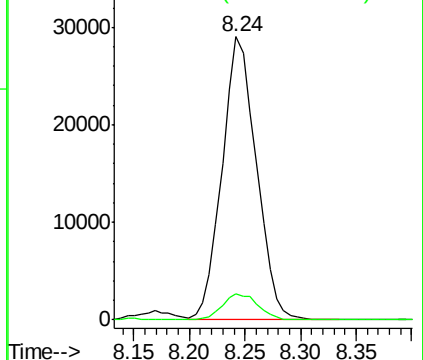


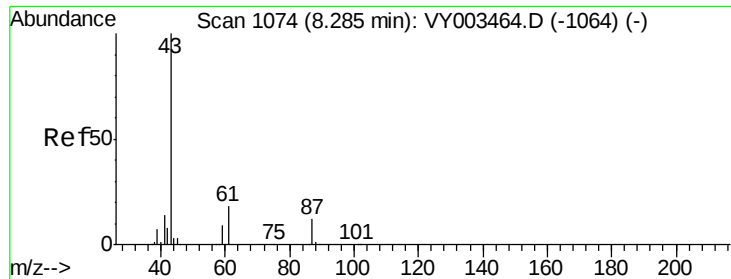
#42
1,2-Dichloroethane
Concen: 20.680 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion:	62	Resp:	62080
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2



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



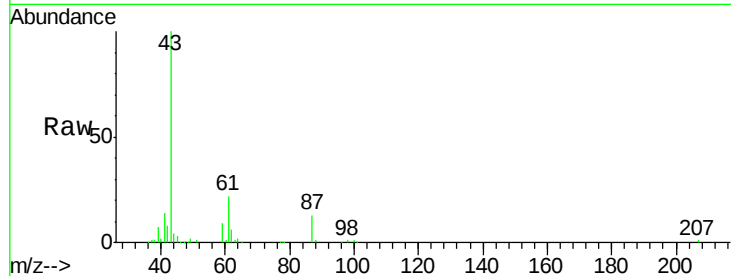


#43

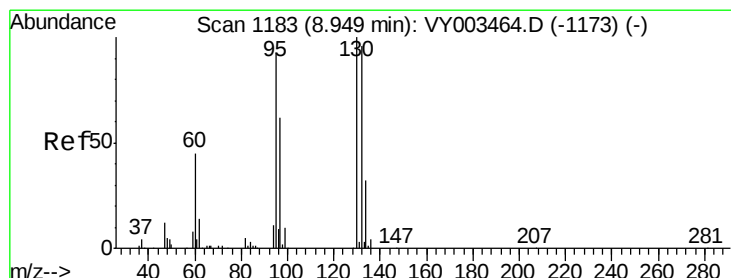
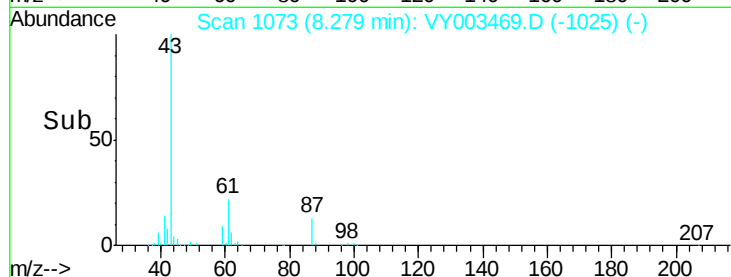
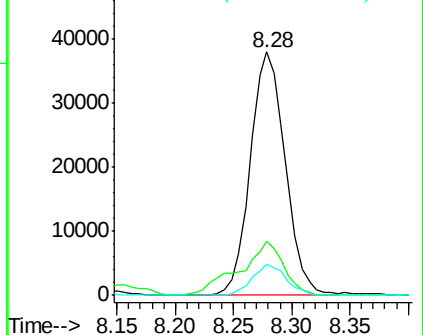
Isopropyl Acetate
 Concen: 20.549 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Tot Ion: 43 Resp: 78946
 Ion Ratio Lower Upper
 43 100
 61 28.5 21.9 32.9
 87 12.5 10.0 15.0



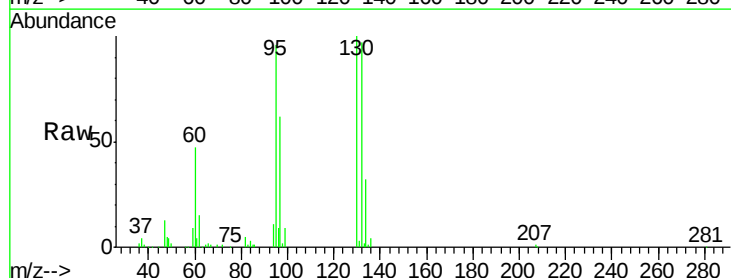
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



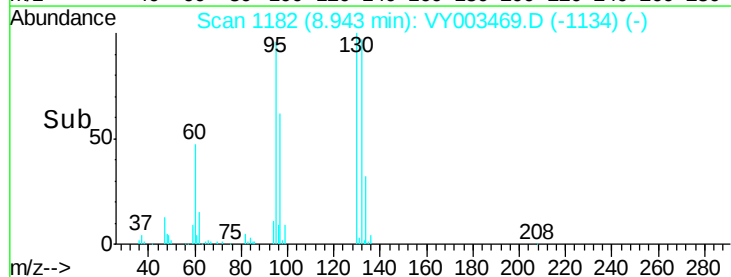
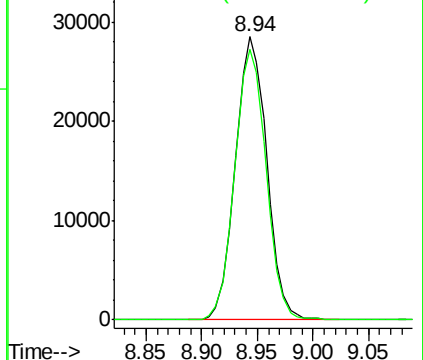
#44

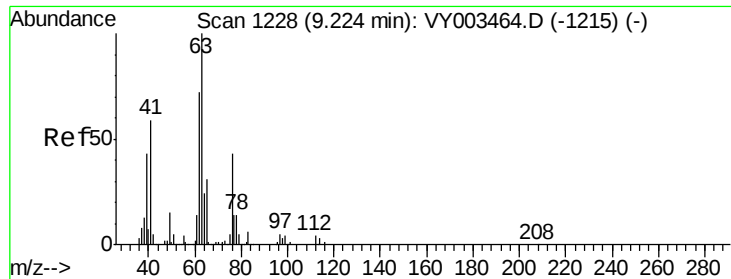
Trichloroethene
 Concen: 20.780 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 130 Resp: 55890
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 186.6



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

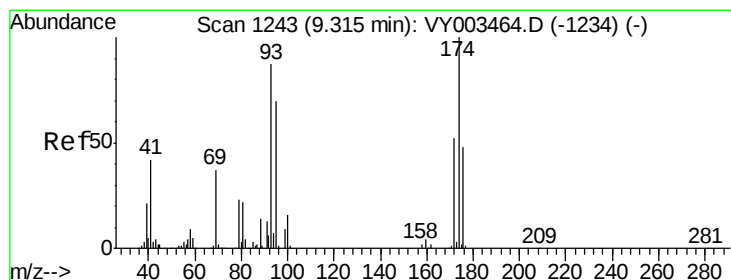
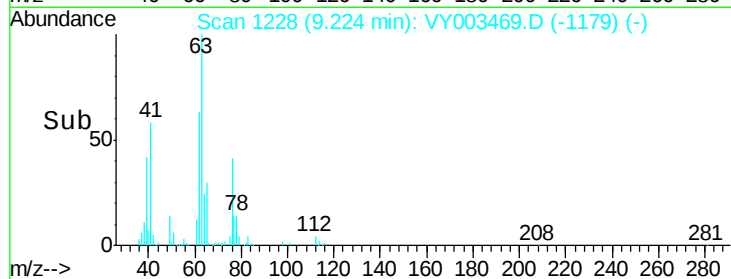
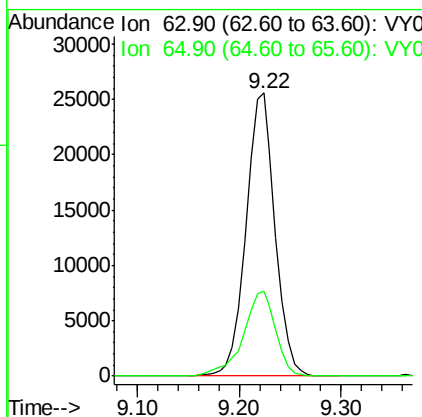
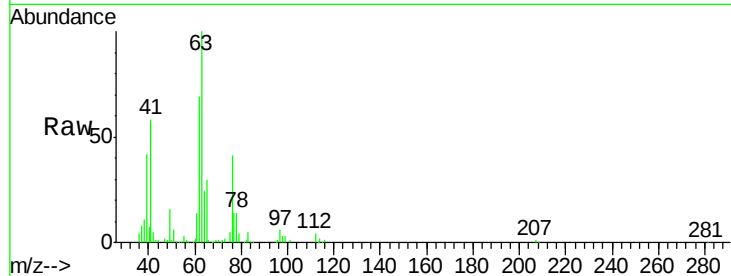




#45
 1,2-Dichloropropane
 Concen: 20.874 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

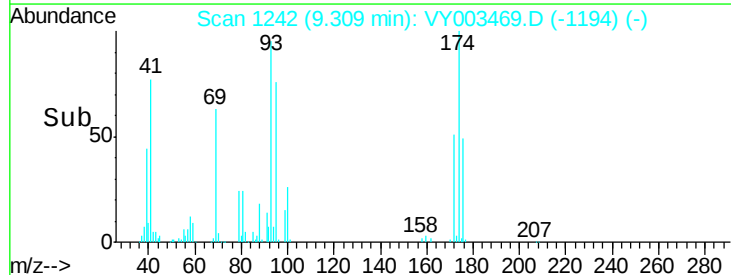
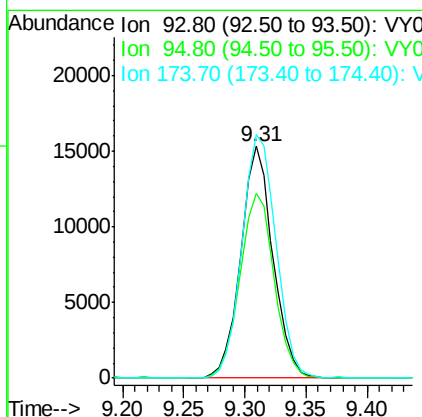
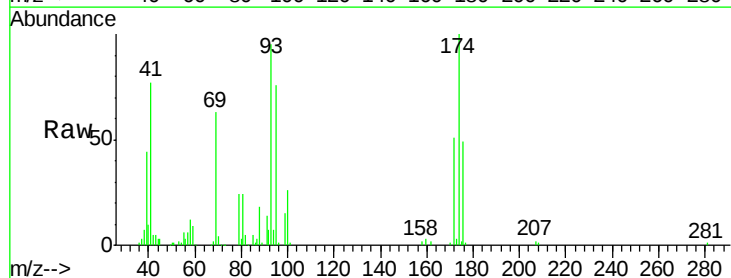
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

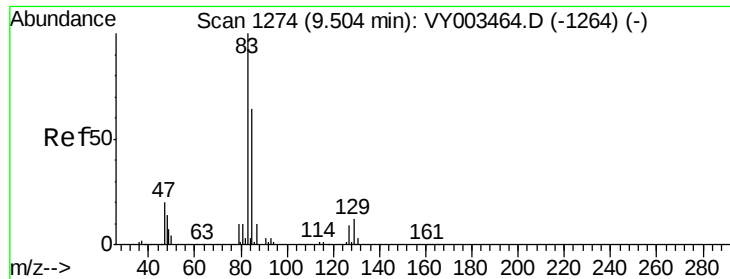
Tot Ion: 63 Resp: 50503
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 36.8



#46
 Dibromomethane
 Concen: 21.048 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 93 Resp: 28017
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.0 97.6
 174 111.1 91.8 137.6





#47

Bromodichloromethane

Concen: 20.961 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

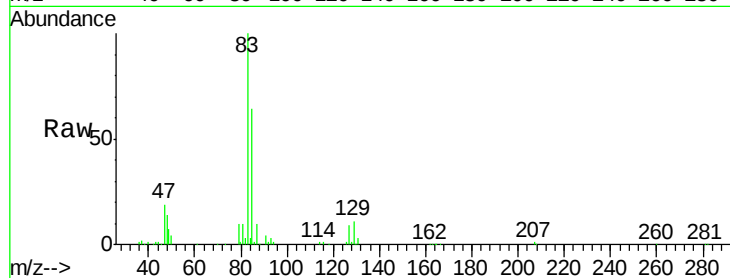
Tot Ion: 83 Resp: 68290

Ion Ratio Lower Upper

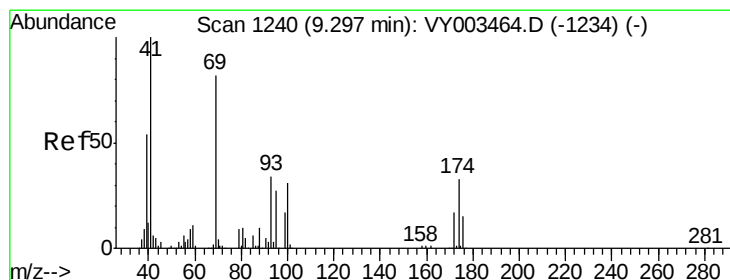
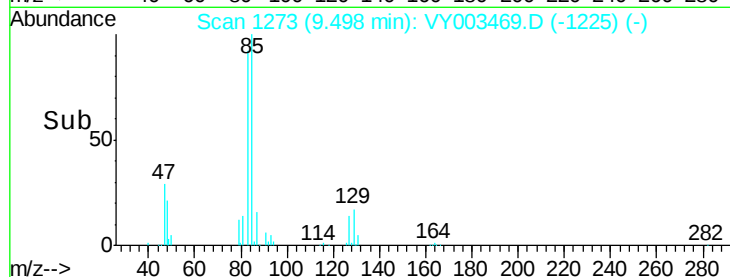
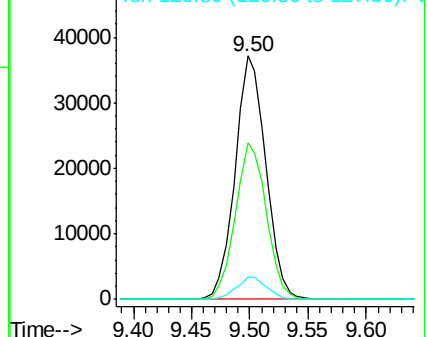
83 100

85 64.4 51.0 76.6

127 8.9 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.957 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

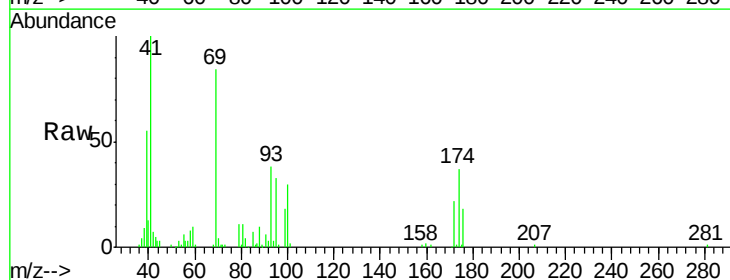
Tgt Ion: 41 Resp: 37927

Ion Ratio Lower Upper

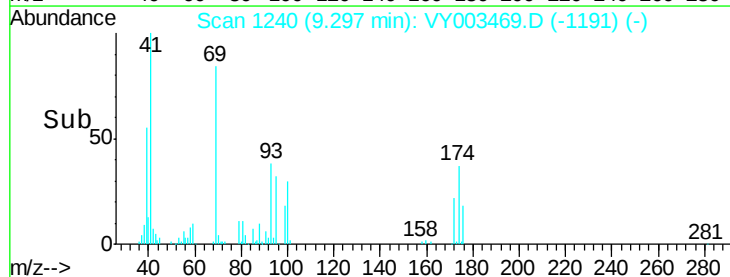
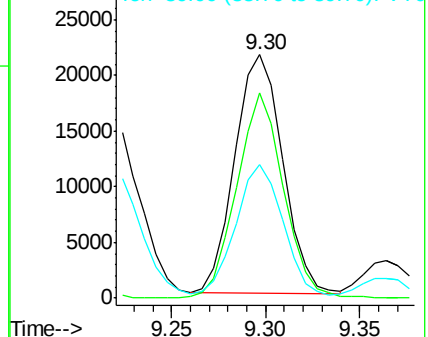
41 100

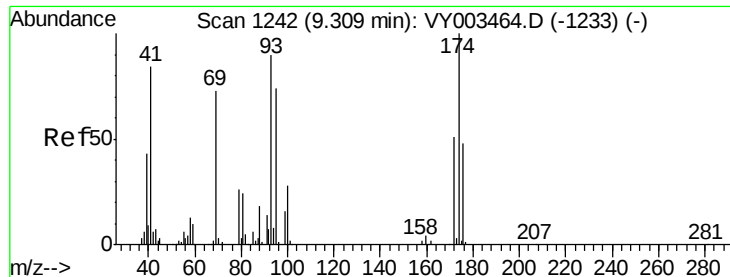
69 83.9 65.9 98.9

39 56.4 43.2 64.8



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





#49

1,4-Dioxane

Concen: 422.190 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

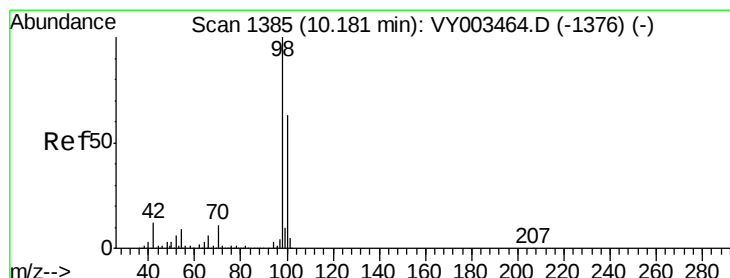
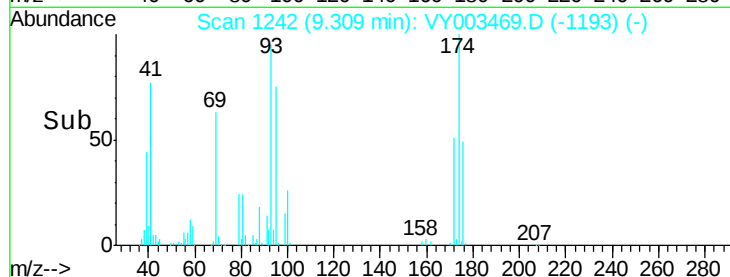
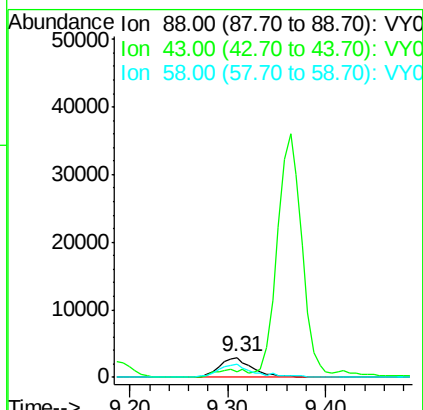
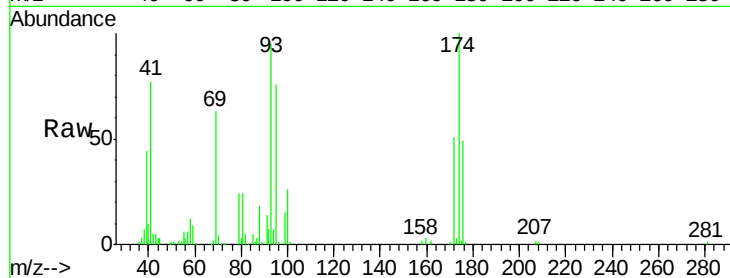
Tot Ion: 88 Resp: 7012

Ion Ratio Lower Upper

88 100

43 31.9 27.6 41.4

58 74.2 54.2 81.2



#50

Toluene-d8

Concen: 49.991 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003469.D

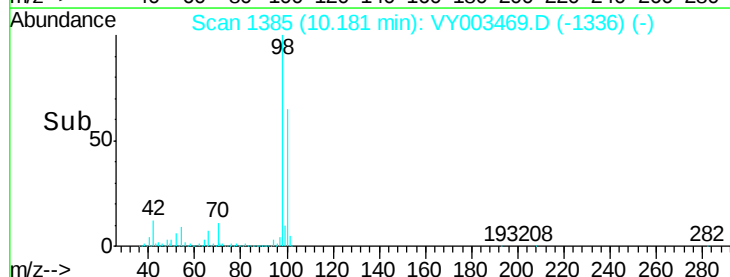
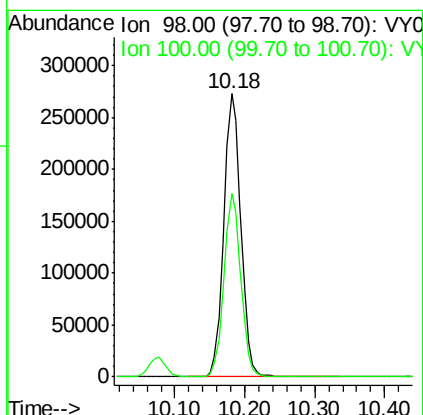
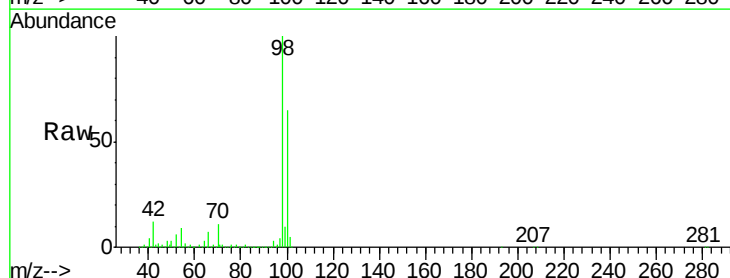
Acq: 02 Nov 2020 13:58

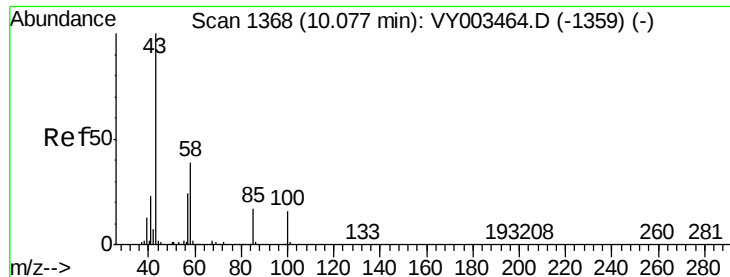
Tgt Ion: 98 Resp: 462090

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 104.780 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

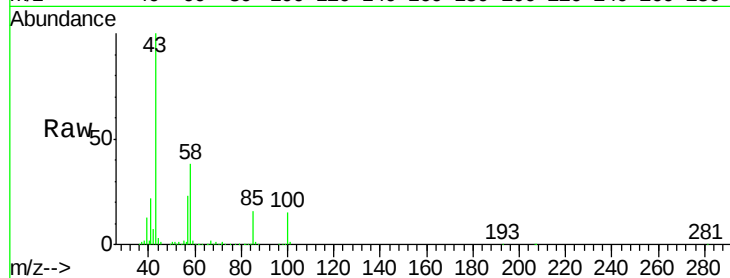
VY1102SBS01

Tot Ion: 43 Resp: 214480

Ion Ratio Lower Upper

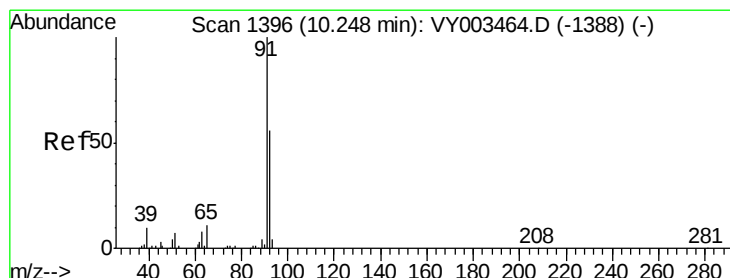
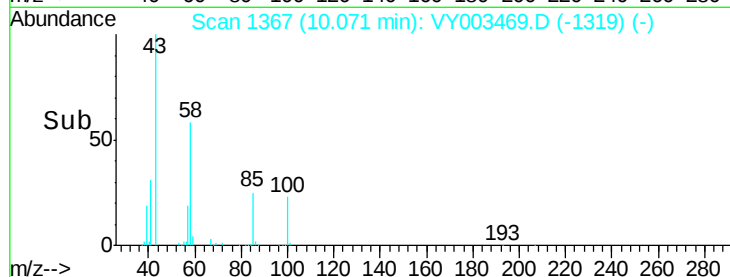
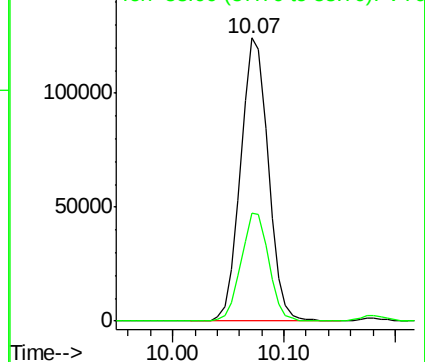
43 100

58 38.4 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: 20.921 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003469.D

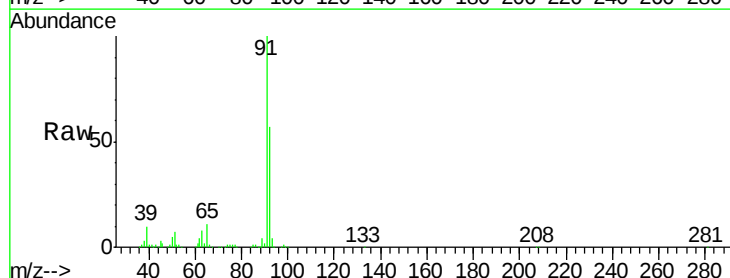
Acq: 02 Nov 2020 13:58

Tgt Ion: 92 Resp: 125364

Ion Ratio Lower Upper

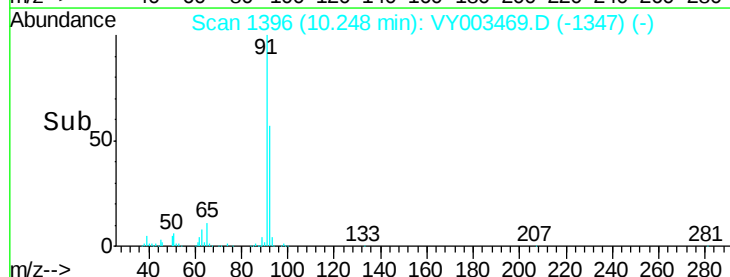
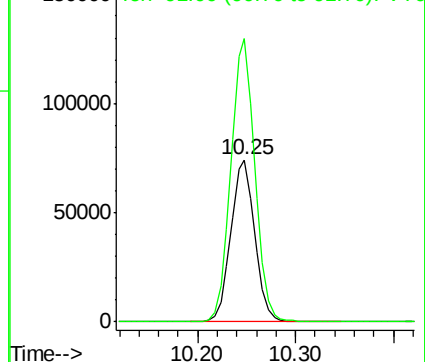
92 100

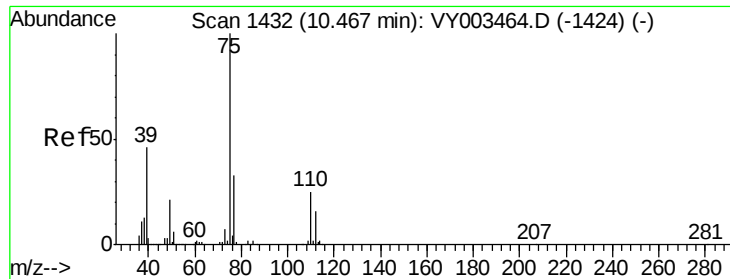
91 175.5 140.2 210.4



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: 20.761 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

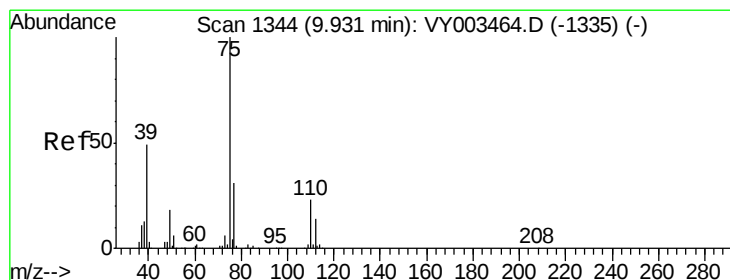
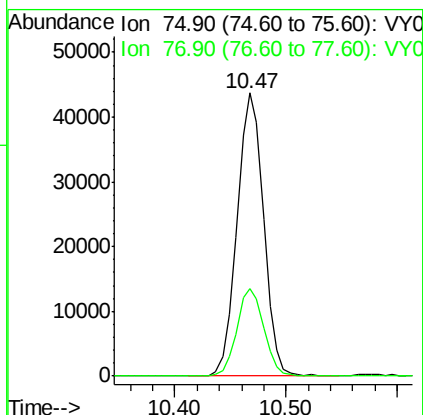
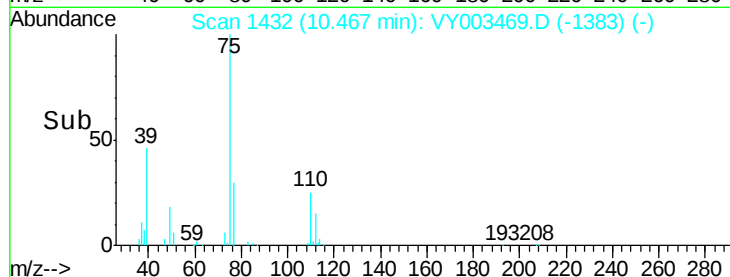
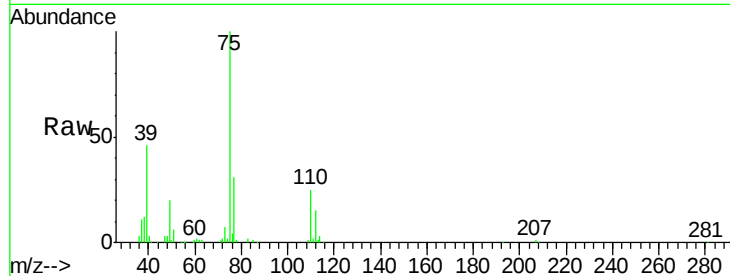
VY1102SBS01

Tot Ion: 75 Resp: 71982

Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 21.001 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

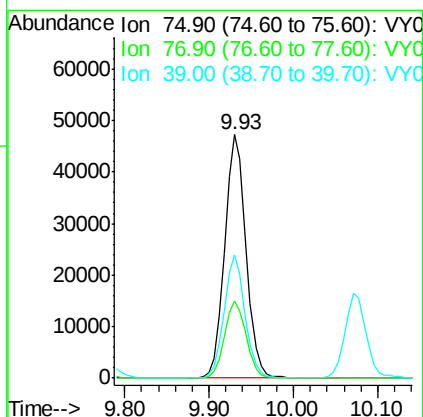
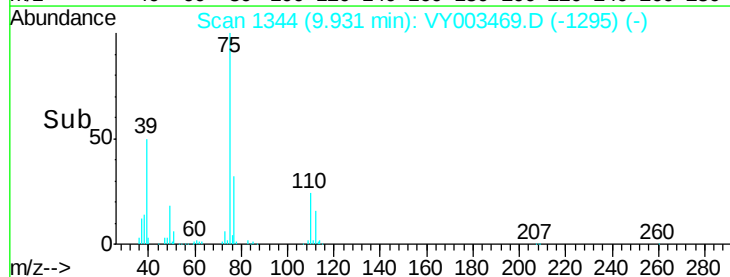
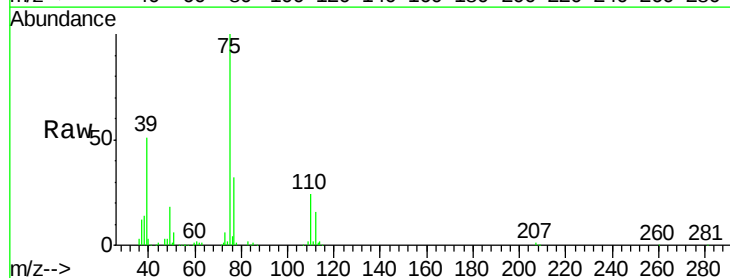
Tgt Ion: 75 Resp: 81935

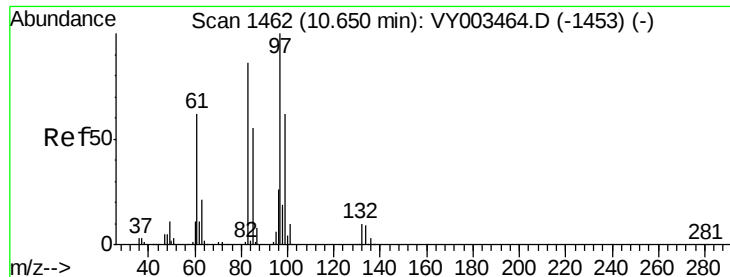
Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7

39 50.8 39.0 58.4



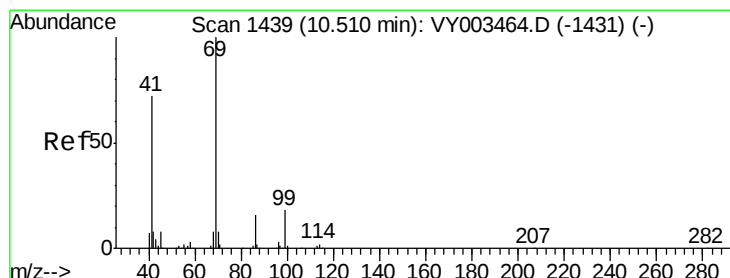
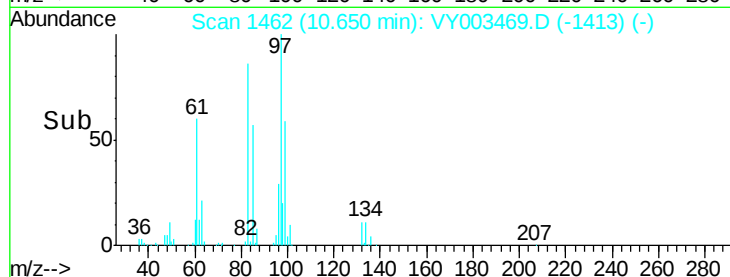
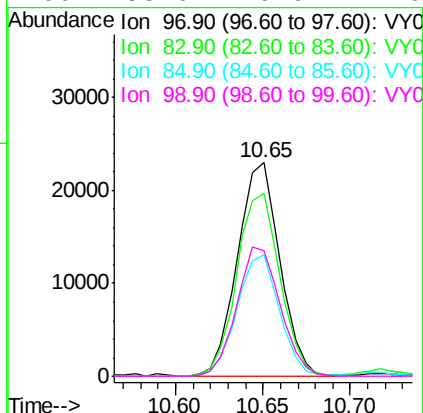
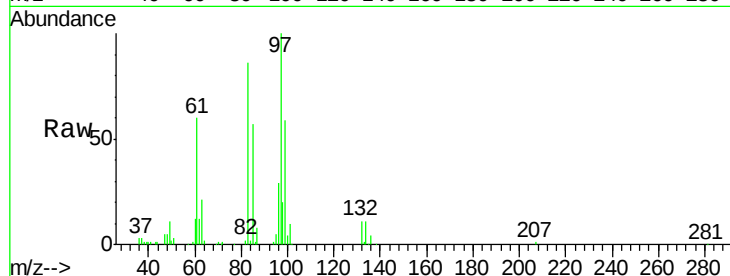


#55
 1,1,2-Trichloroethane
 Concen: 20.602 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Tot Ion: 97 Resp: 38929

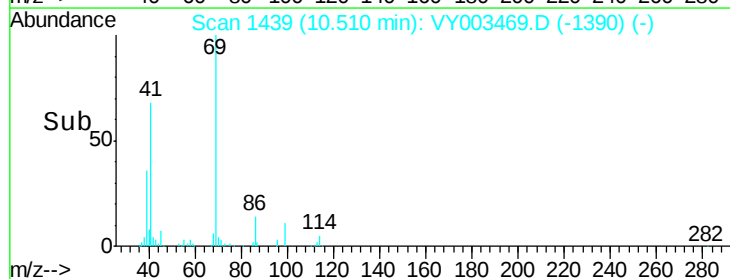
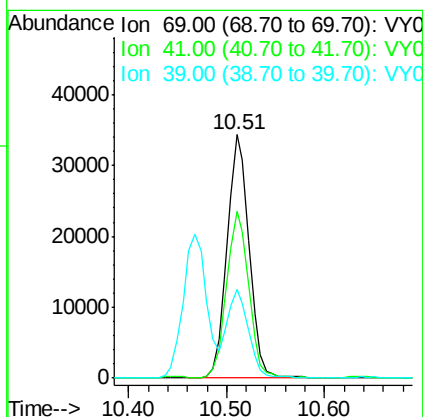
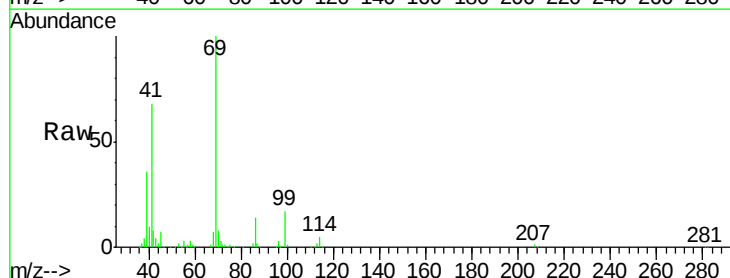
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.6	102.8
85	56.8	43.8	65.6
99	58.6	49.9	74.9

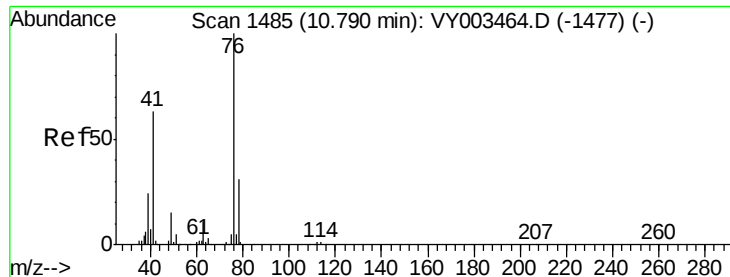


#56
 Ethyl methacrylate
 Concen: 21.220 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 69 Resp: 53705

Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.4	83.2
39	35.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 21.178 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

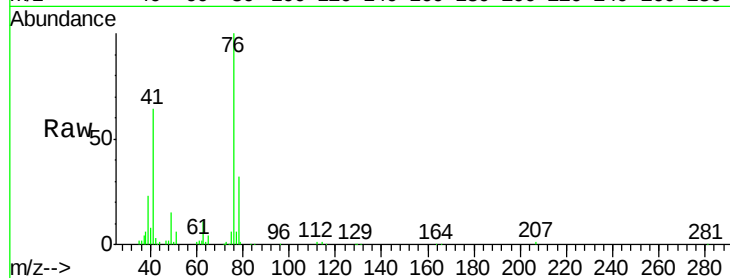
VY1102SBS01

Tot Ion: 76 Resp: 69581

Ion Ratio Lower Upper

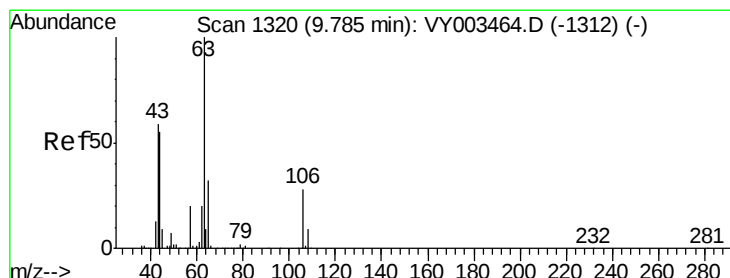
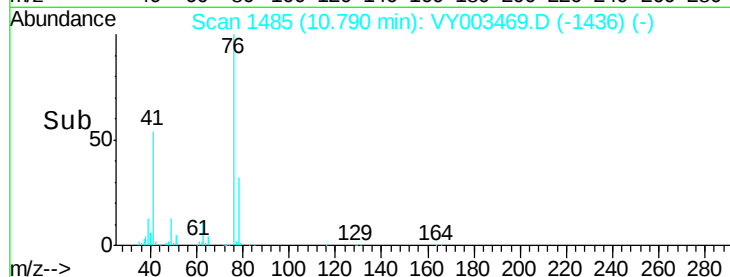
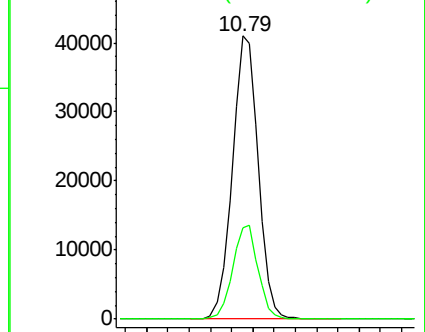
76 100

78 32.5 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: 108.511 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003469.D

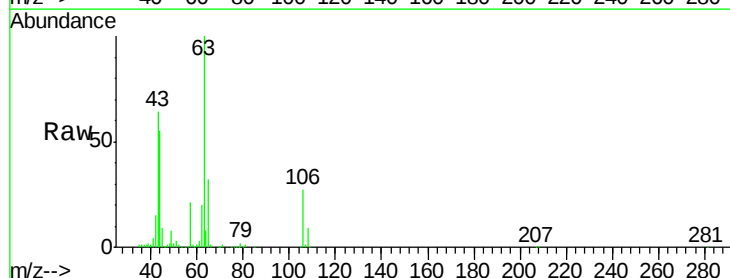
Acq: 02 Nov 2020 13:58

Tgt Ion: 63 Resp: 139222

Ion Ratio Lower Upper

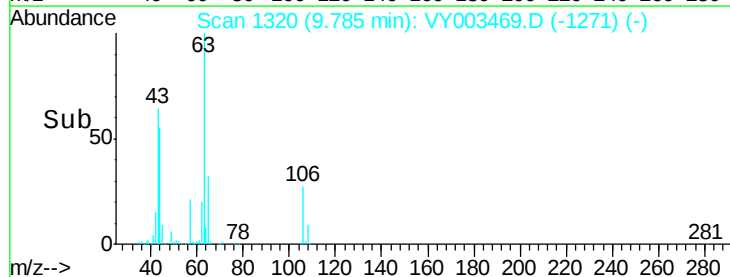
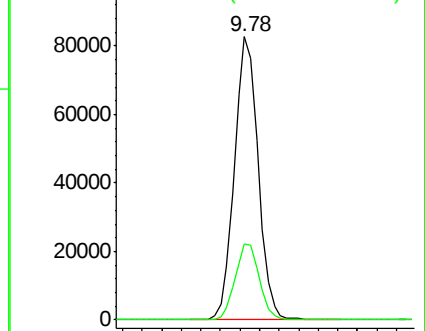
63 100

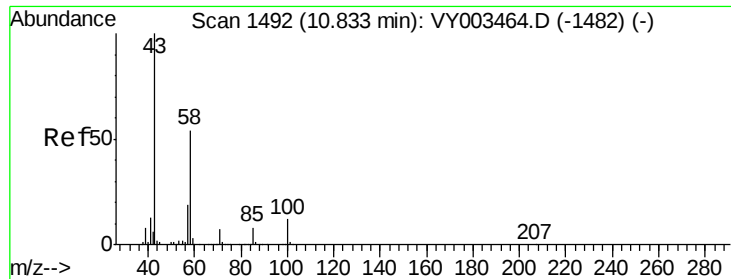
106 27.3 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

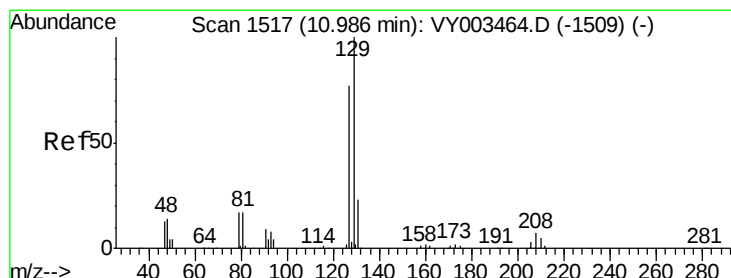
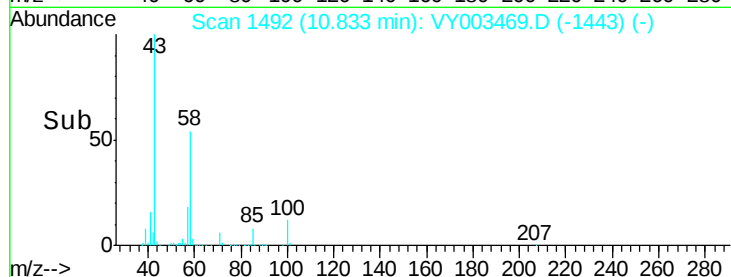
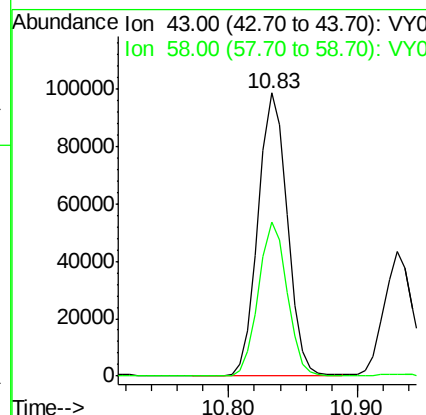
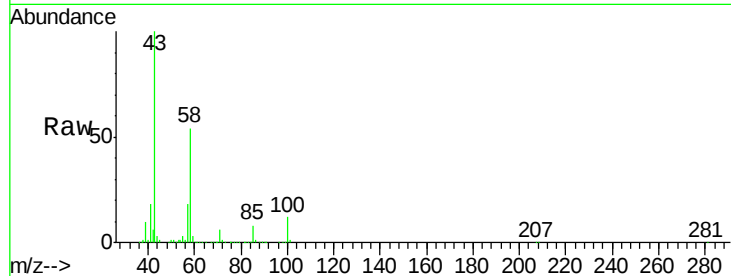




#59
2-Hexanone
Concen: 102.001 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

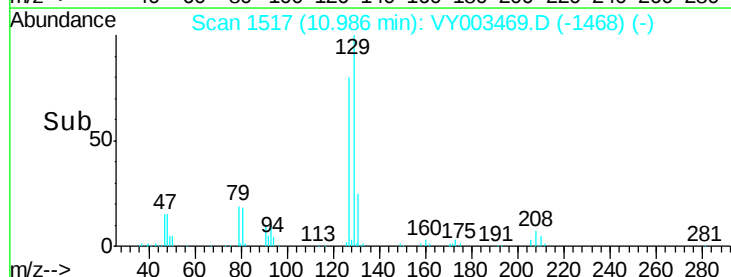
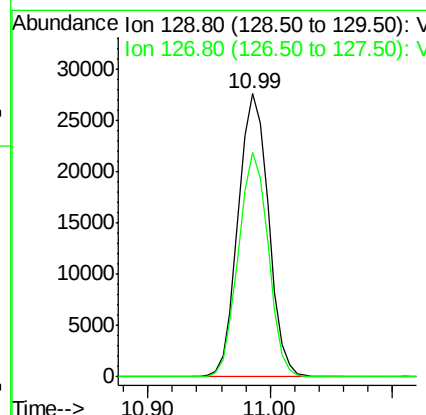
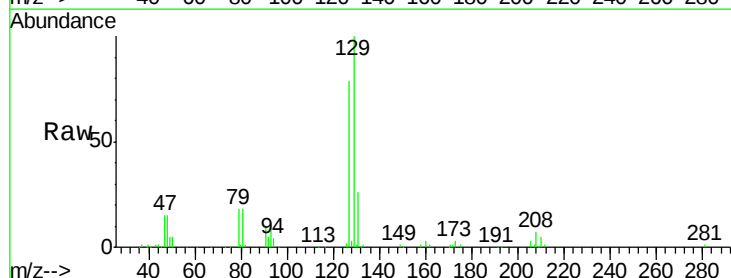
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

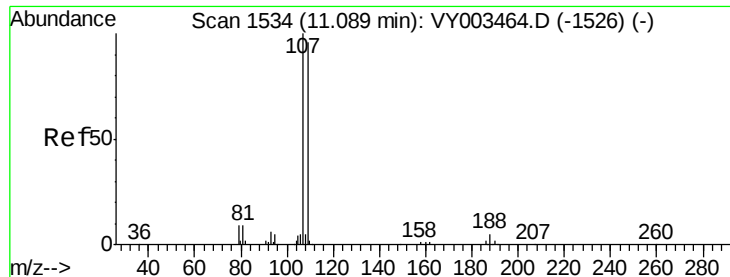
Tot Ion: 43 Resp: 154592
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3



#60
Dibromochloromethane
Concen: 20.450 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 129 Resp: 47493
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3

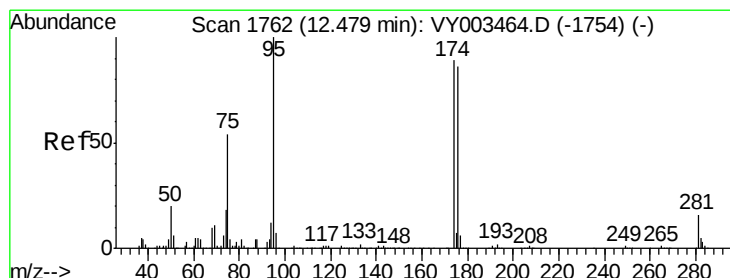
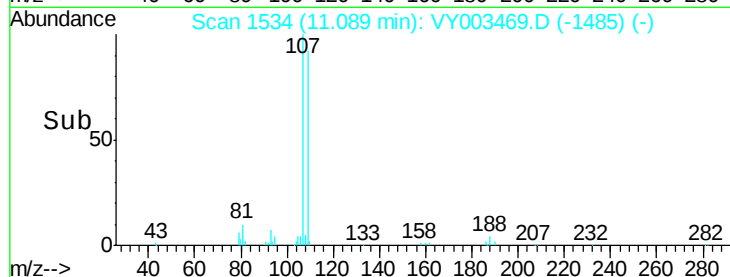
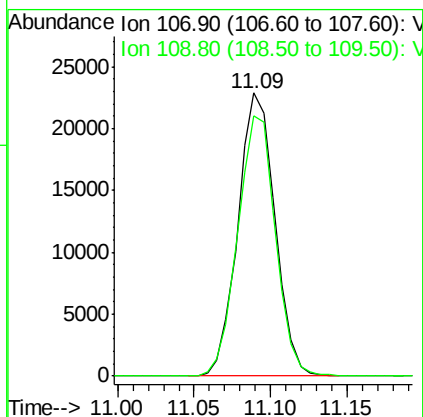
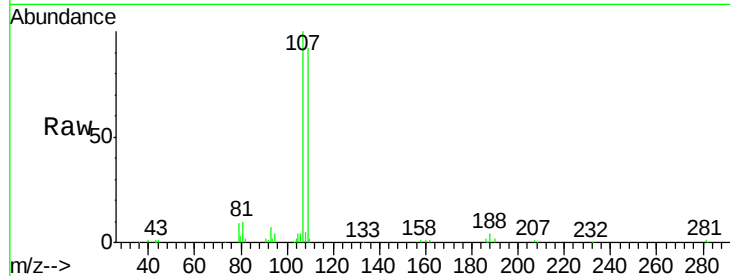




#61
 1,2-Dibromoethane
 Concen: 21.043 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

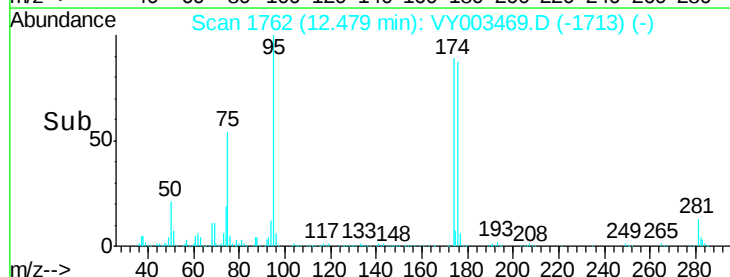
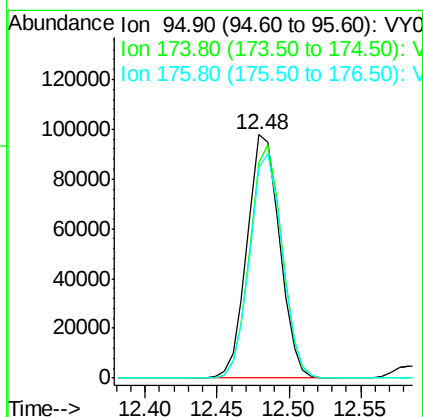
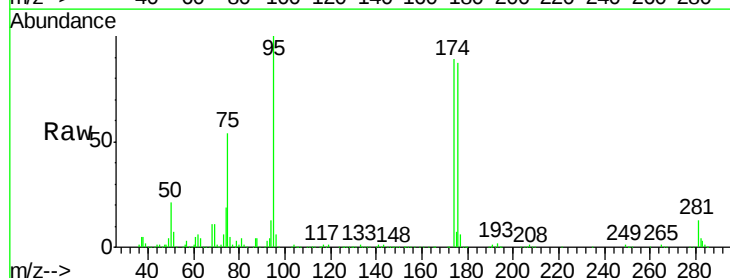
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

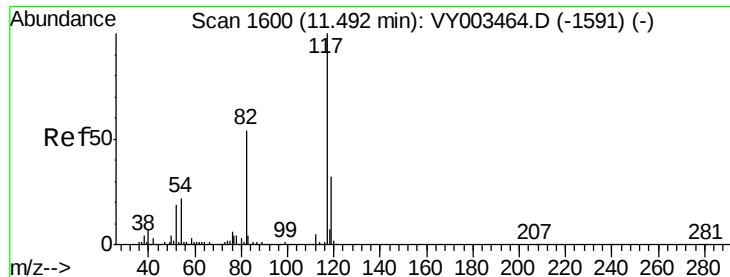
Tot Ion: 107 Resp: 38386
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 49.858 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 95 Resp: 152698
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 193.0
 176 92.0 0.0 187.4

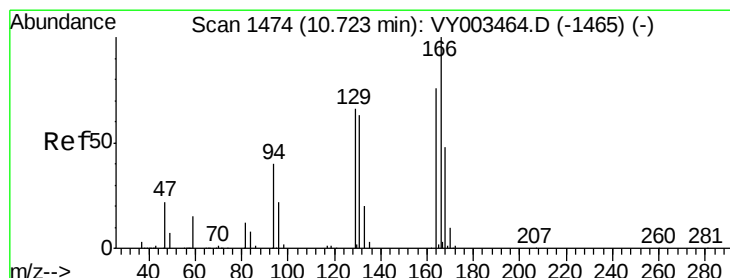
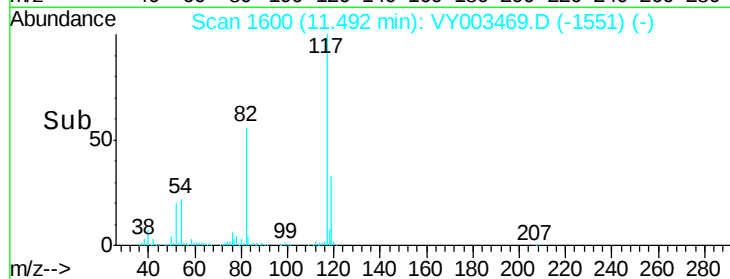
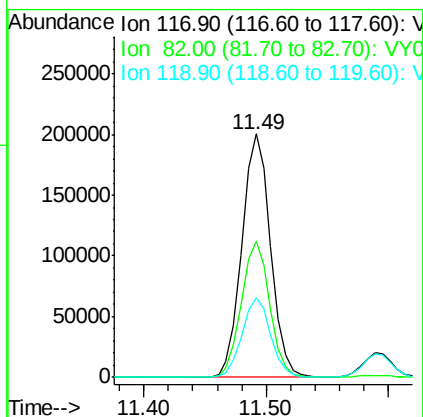
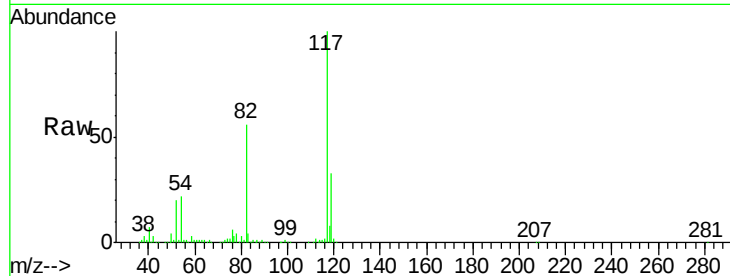




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

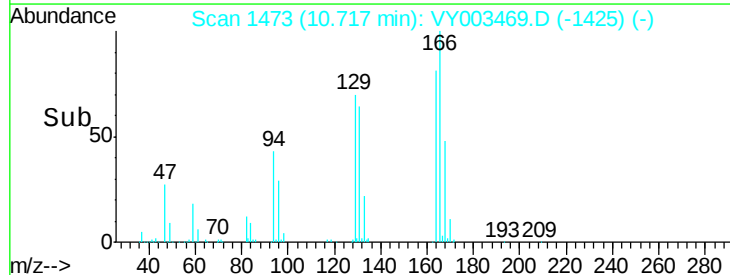
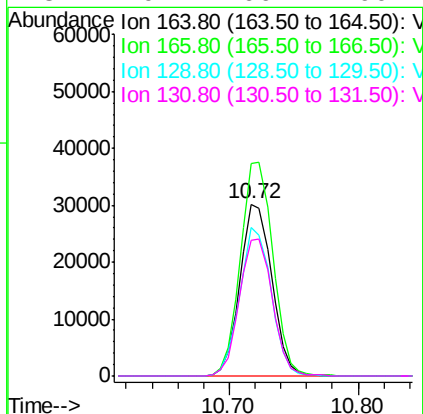
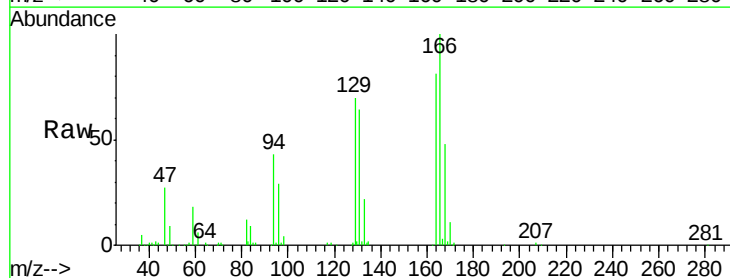
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

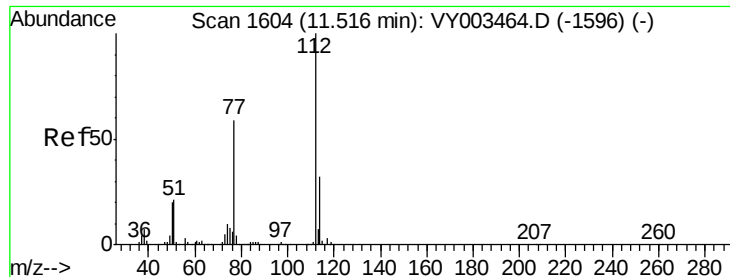
Tot Ion:117 Resp: 325078
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.2
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 21.305 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion:164 Resp: 51723
Ion Ratio Lower Upper
164 100
166 123.4 104.9 157.3
129 86.4 68.9 103.3
131 79.1 66.2 99.2

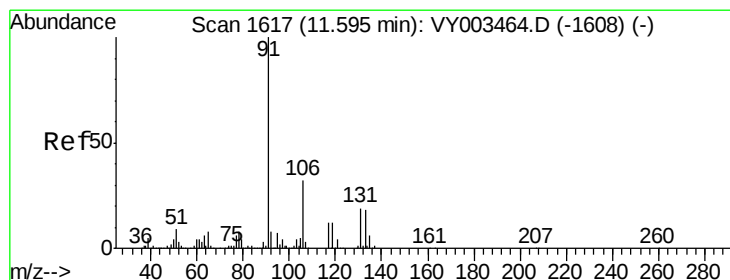
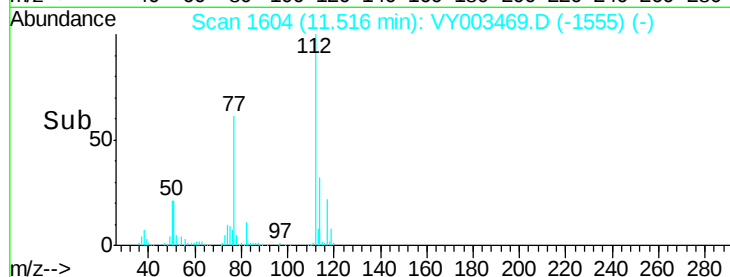
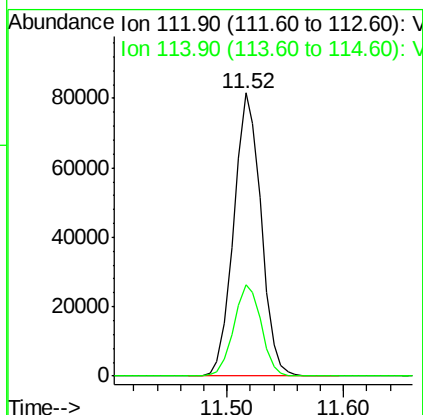
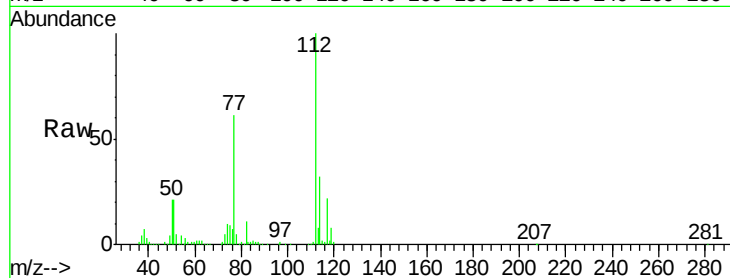




#65
Chlorobenzene
Concen: 21.132 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

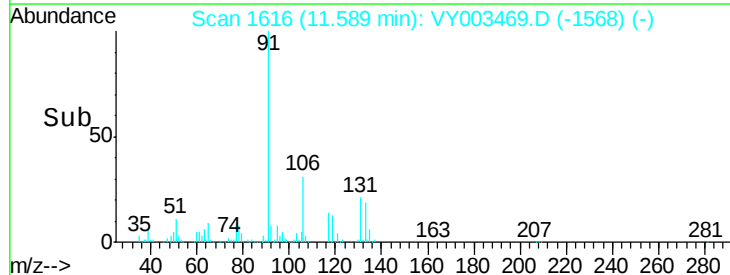
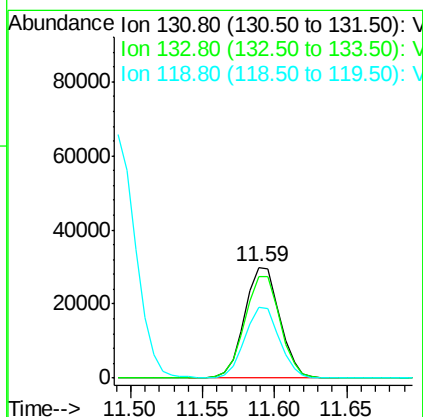
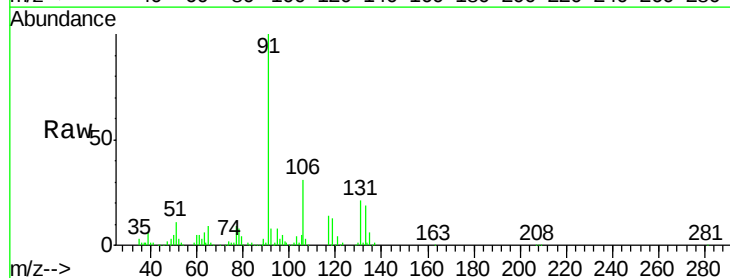
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

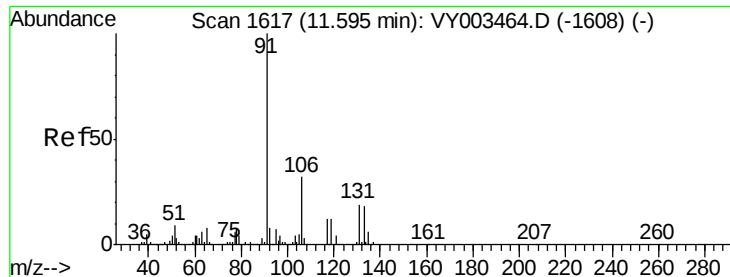
Tot Ion:112 Resp: 133459
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.146 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion:131 Resp: 50365
Ion Ratio Lower Upper
131 100
133 93.3 47.4 142.2
119 63.6 31.6 95.0

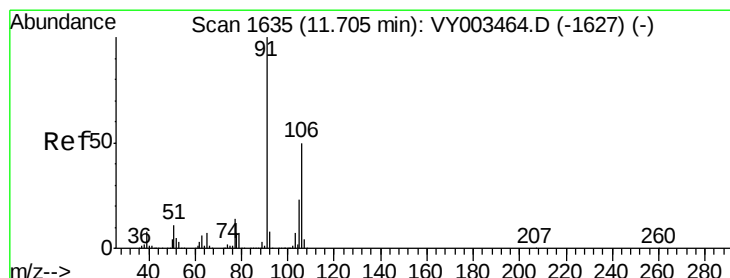
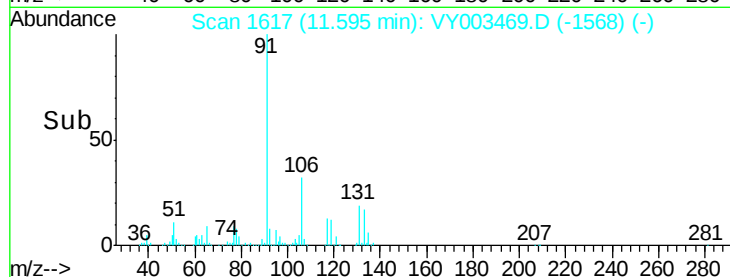
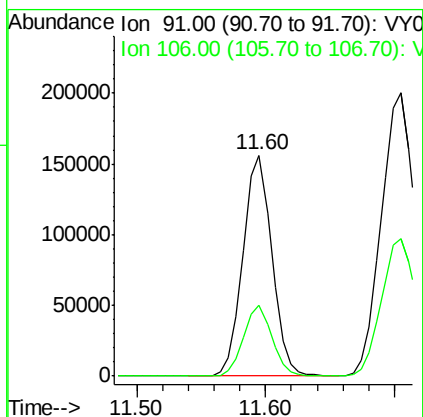
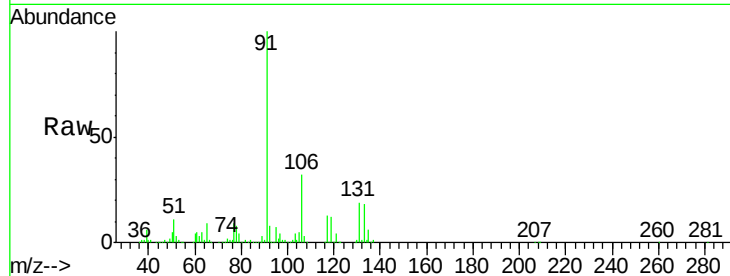




#67
Ethyl Benzene
Concen: 21.166 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

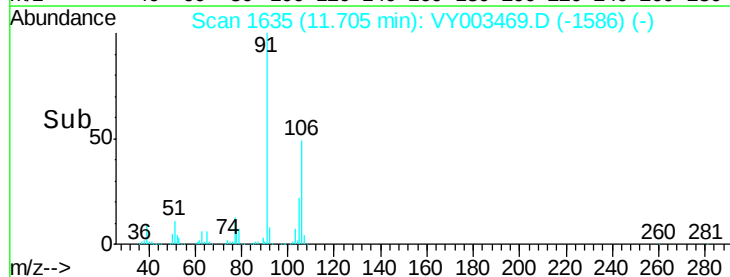
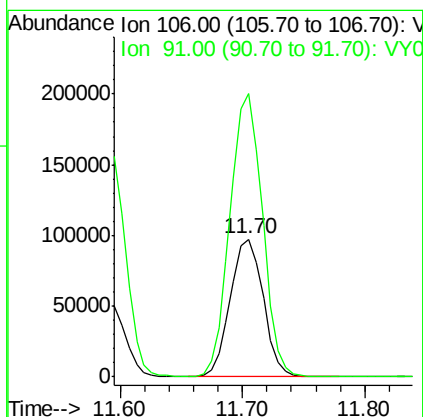
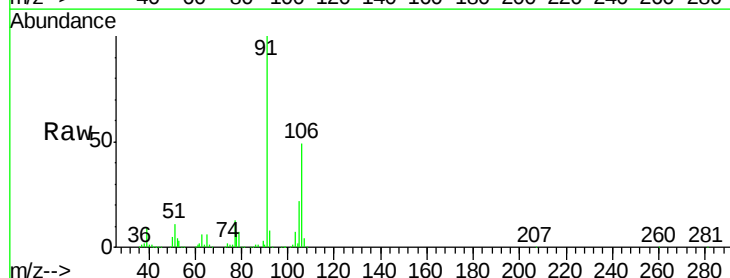
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

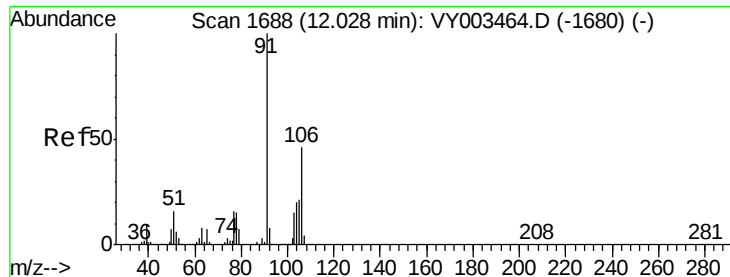
Tot Ion: 91 Resp: 242386
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 42.016 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion: 106 Resp: 182335
Ion Ratio Lower Upper
106 100
91 202.1 161.0 241.6

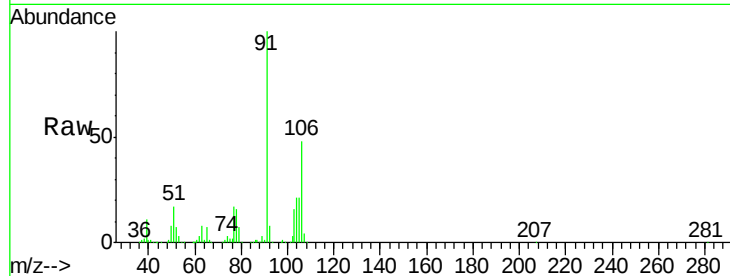




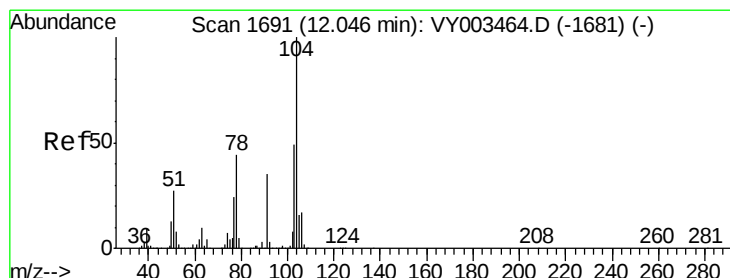
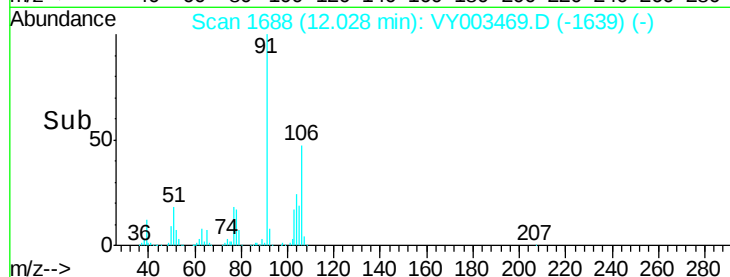
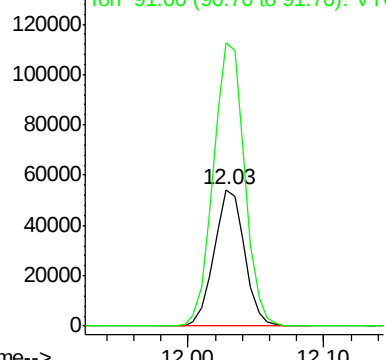
#69
o-Xylene
Concen: 21.285 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

Tot Ion:106 Resp: 84968
Ion Ratio Lower Upper
106 100
91 212.7 105.5 316.5

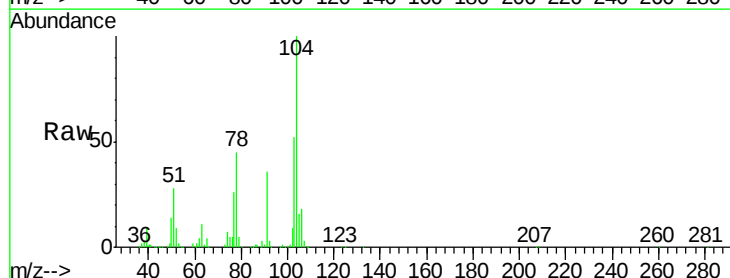


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

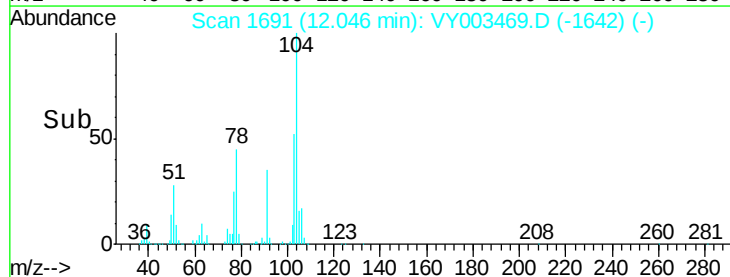
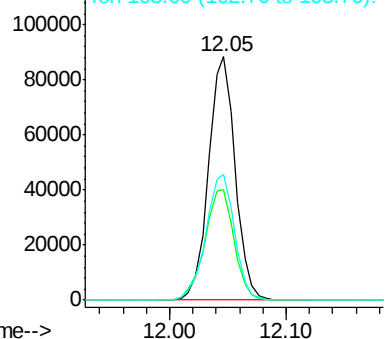


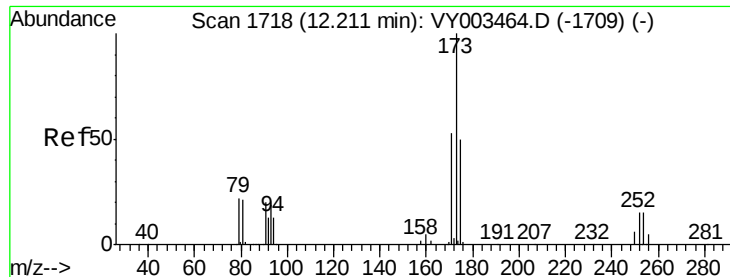
#70
Styrene
Concen: 20.823 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion:104 Resp: 141137
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.339 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

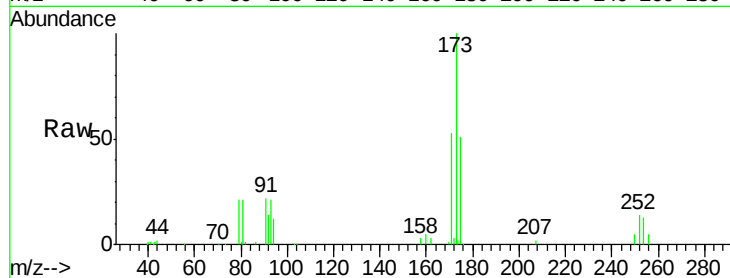
Tot Ion:173 Resp: 32289

Ion Ratio Lower Upper

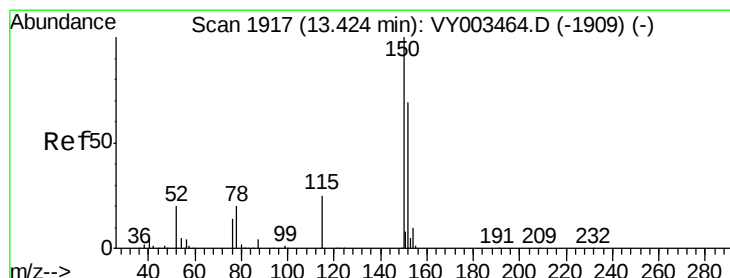
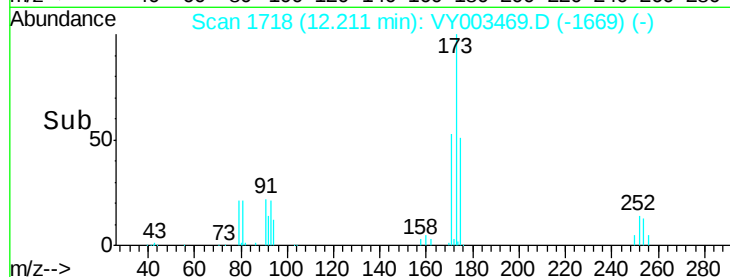
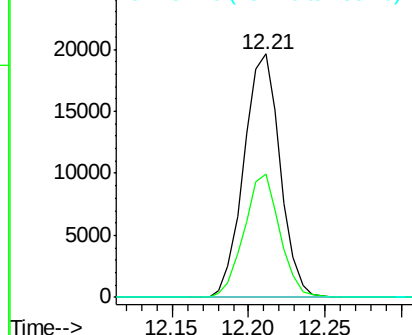
173 100

175 49.6 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

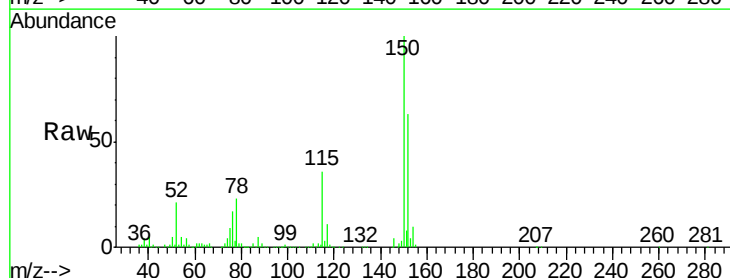
Tgt Ion:152 Resp: 167606

Ion Ratio Lower Upper

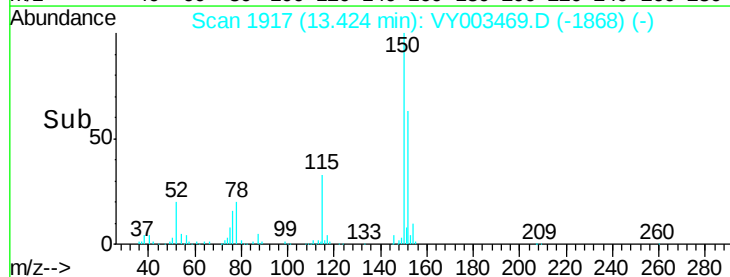
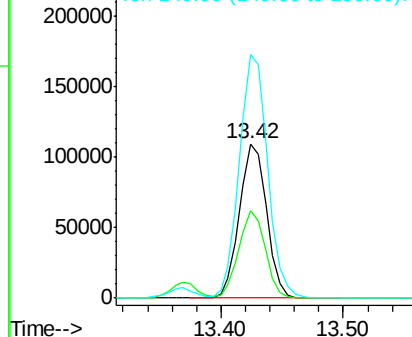
152 100

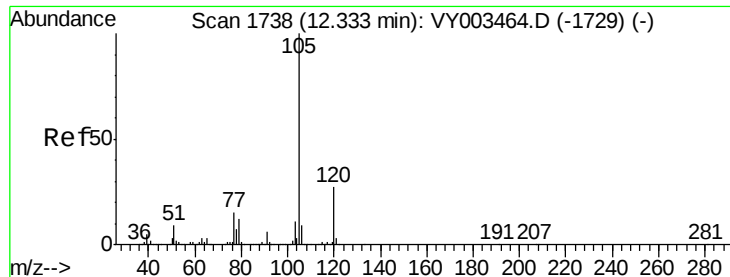
115 55.5 27.5 82.4

150 165.1 0.0 345.8



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





#73

Isopropylbenzene

Concen: 21.346 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

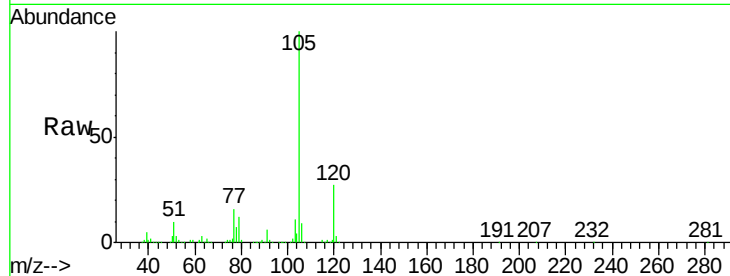
VY1102SBS01

Tot Ion: 105 Resp: 233703

Ion Ratio Lower Upper

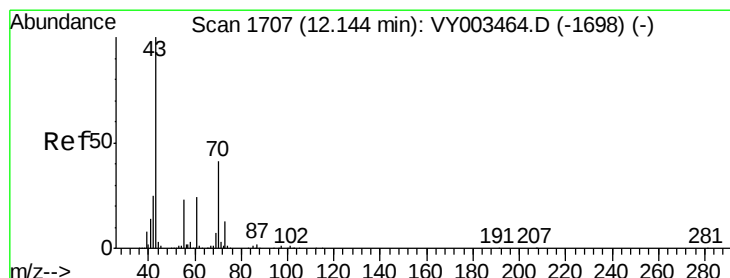
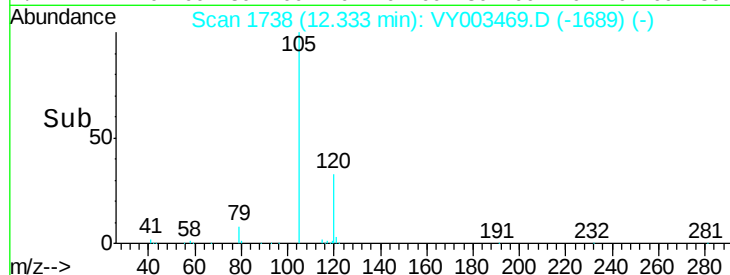
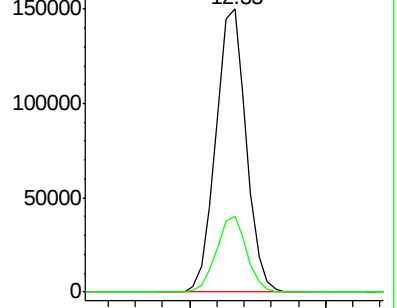
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.054 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Tgt Ion: 43 Resp: 65295

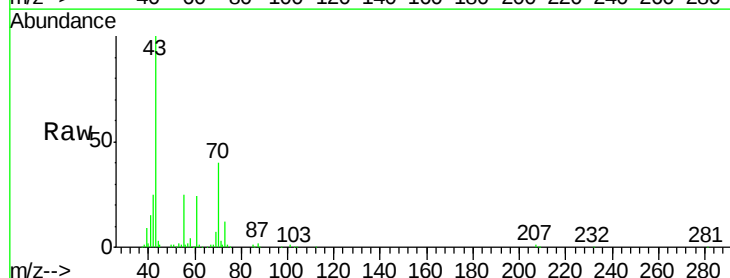
Ion Ratio Lower Upper

43 100

70 40.8 33.1 49.7

55 24.6 19.2 28.8

61 24.0 19.0 28.6

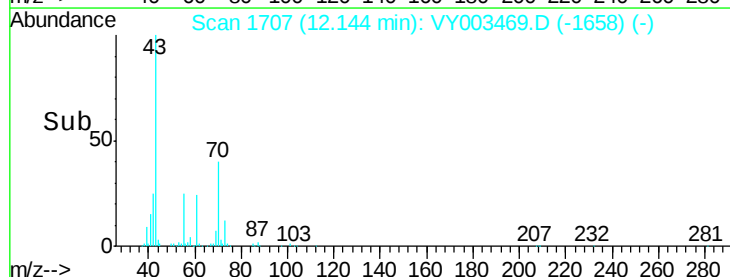
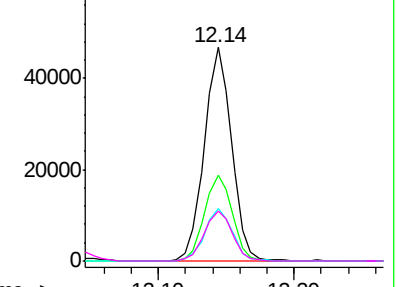


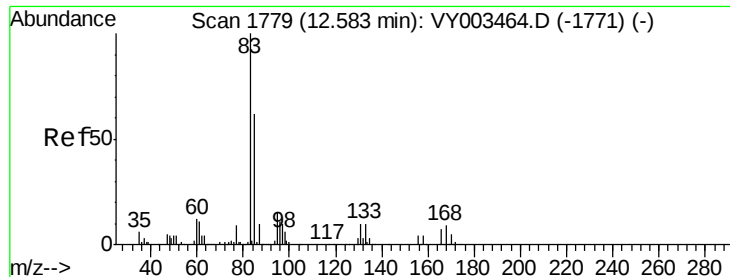
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.975 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

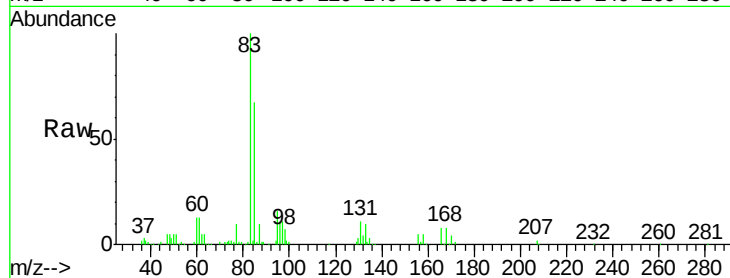
Tot Ion: 83 Resp: 49051

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

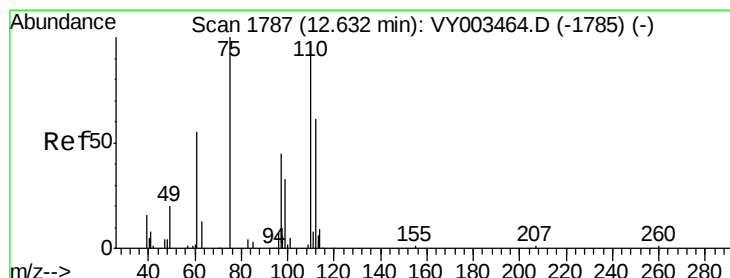
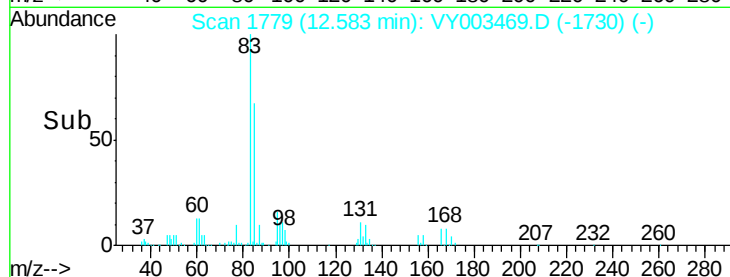
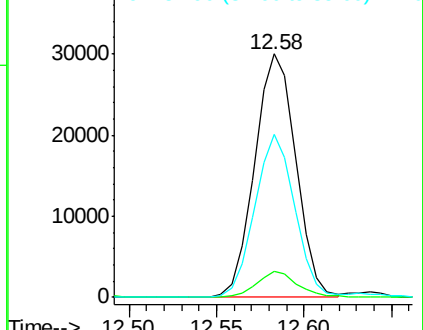
85 65.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003469.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003469.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003469.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 21.379 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003469.D

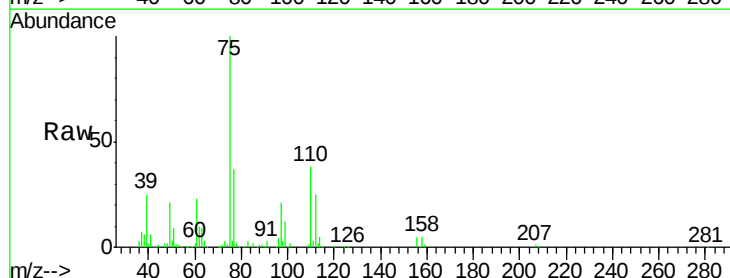
Acq: 02 Nov 2020 13:58

Tgt Ion: 75 Resp: 37913

Ion Ratio Lower Upper

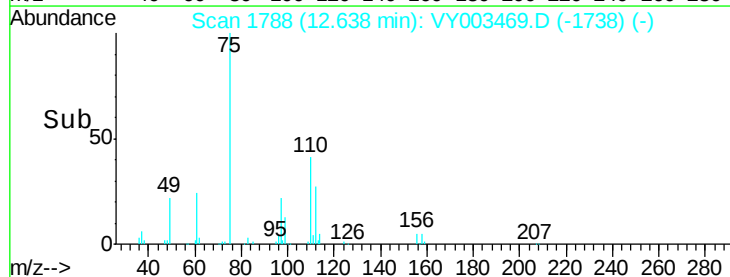
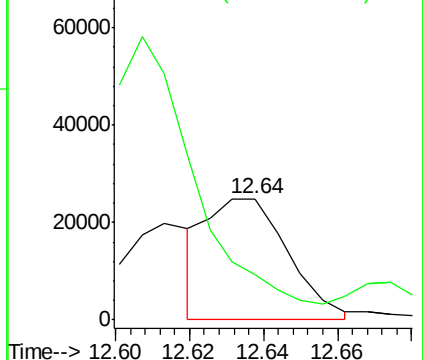
75 100

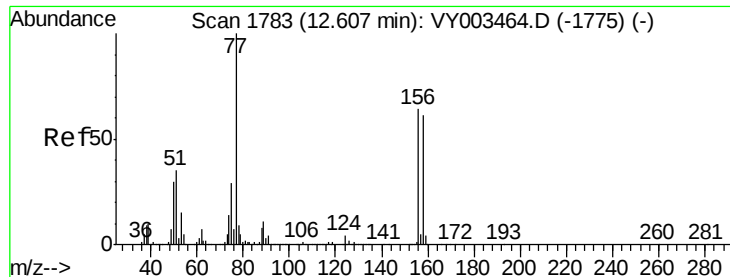
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003469.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003469.D (-1738) (-)





#77

Bromobenzene

Concen: 21.197 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

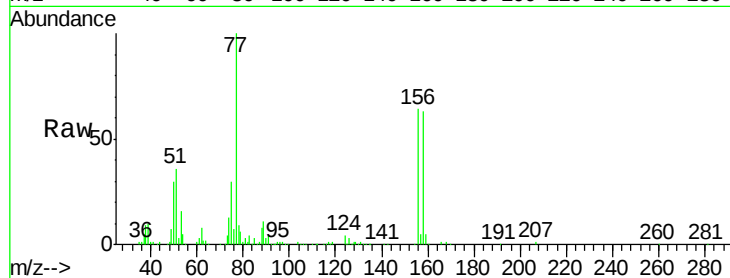
Tot Ion:156 Resp: 58965

Ion Ratio Lower Upper

156 100

77 177.4 87.0 260.9

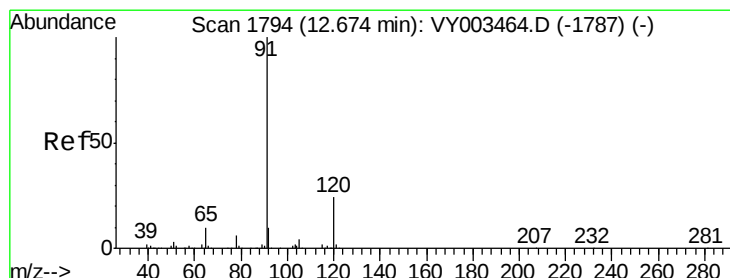
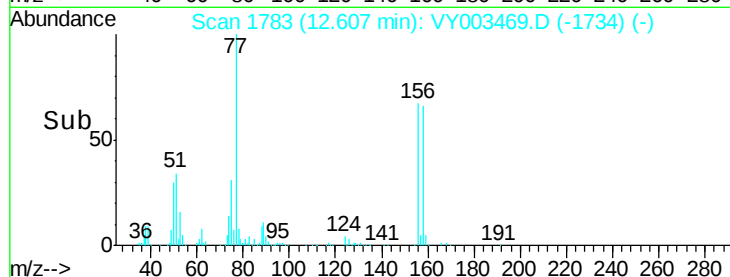
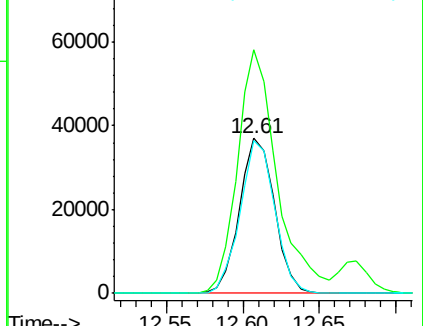
158 97.4 48.7 146.1



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: 21.630 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003469.D

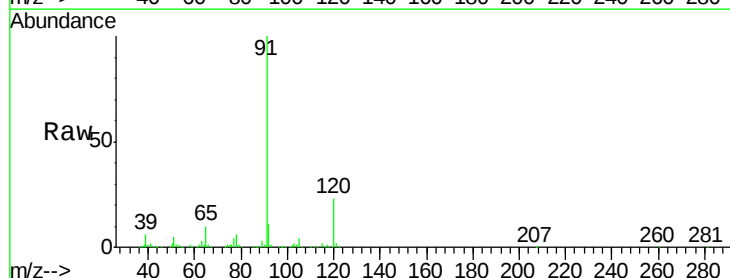
Acq: 02 Nov 2020 13:58

Tgt Ion: 91 Resp: 278945

Ion Ratio Lower Upper

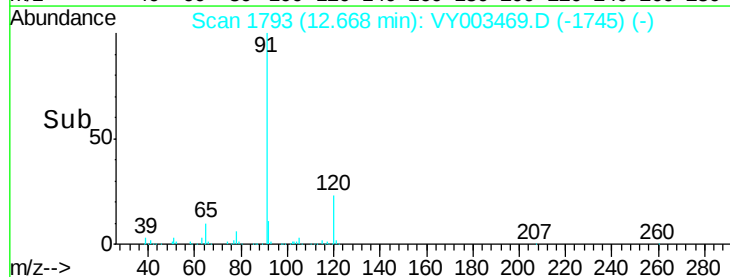
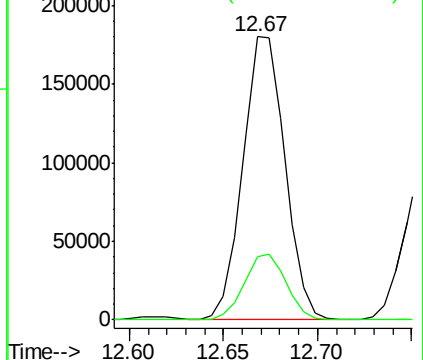
91 100

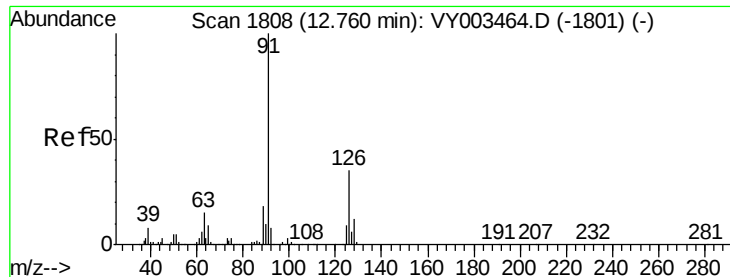
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

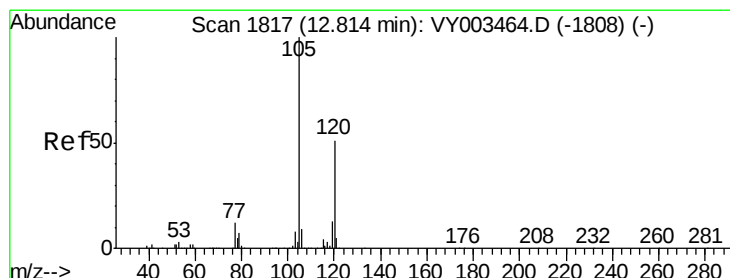
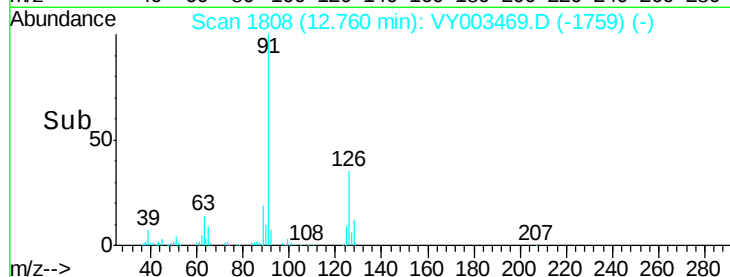
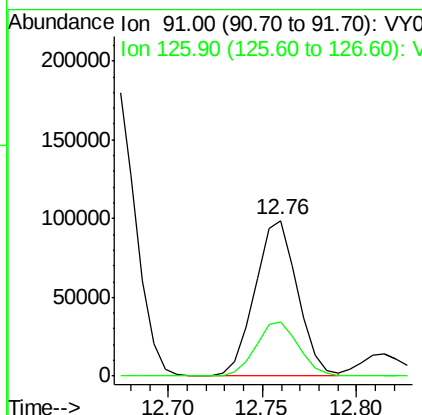
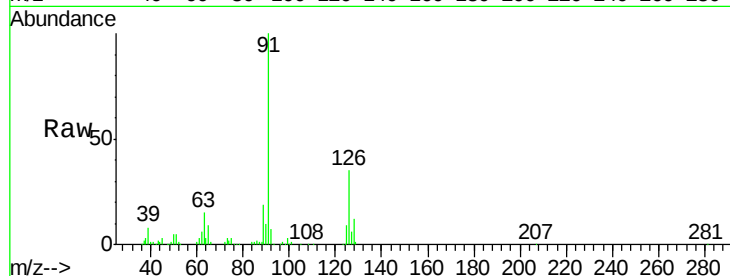




#79
 2-Chlorotoluene
 Concen: 21.450 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

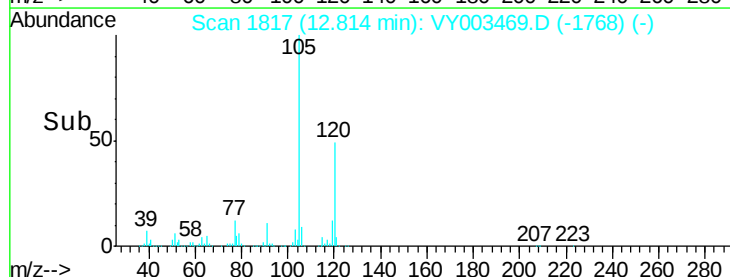
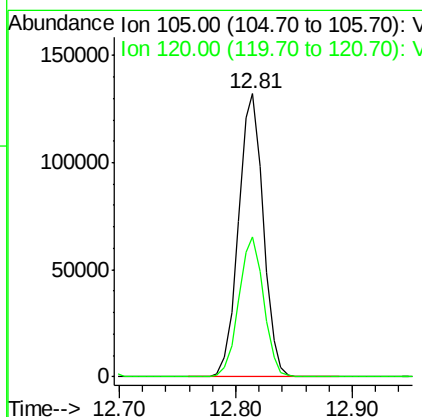
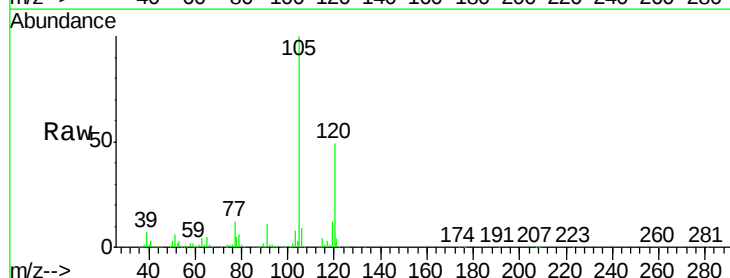
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

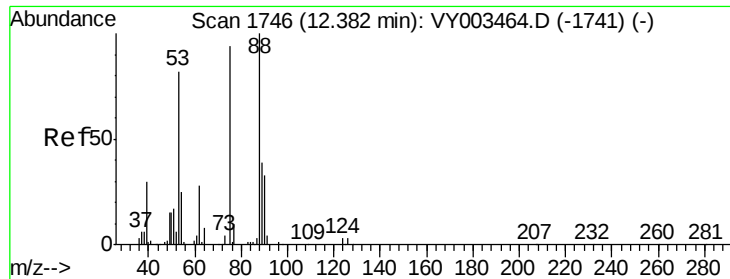
Tot Ion: 91 Resp: 154551
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.658 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion: 105 Resp: 196471
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.661 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

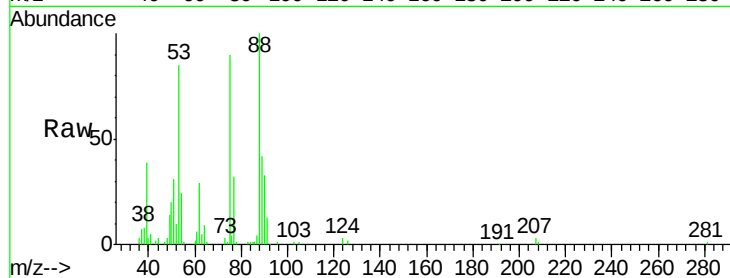
Tot Ion: 75 Resp: 17555

Ion Ratio Lower Upper

75 100

53 94.7 74.7 112.1

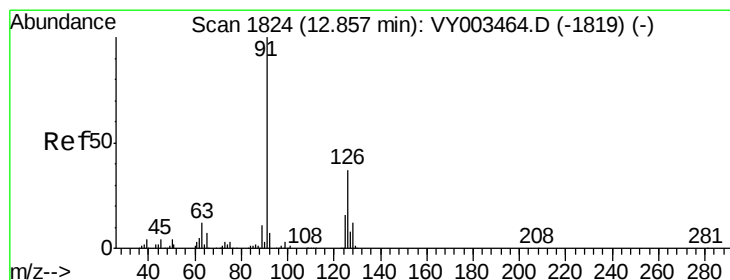
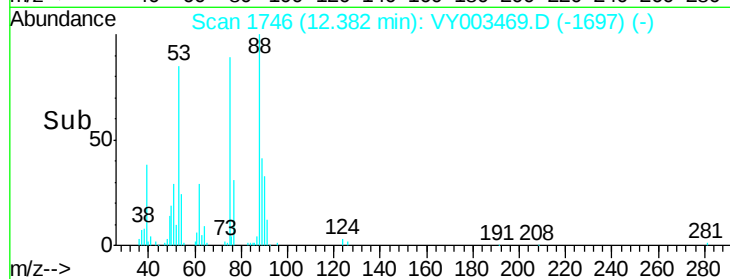
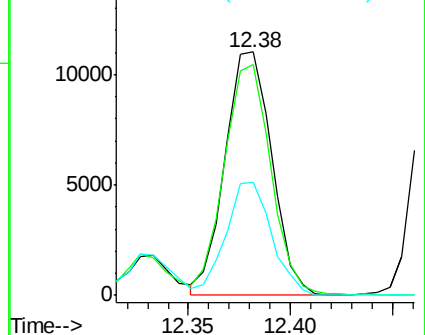
89 45.8 35.8 53.8



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: 21.505 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY003469.D

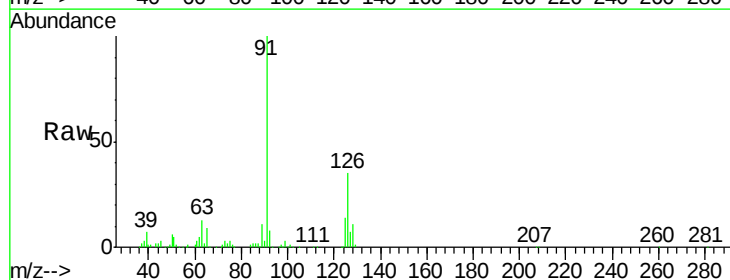
Acq: 02 Nov 2020 13:58

Tgt Ion: 91 Resp: 161917

Ion Ratio Lower Upper

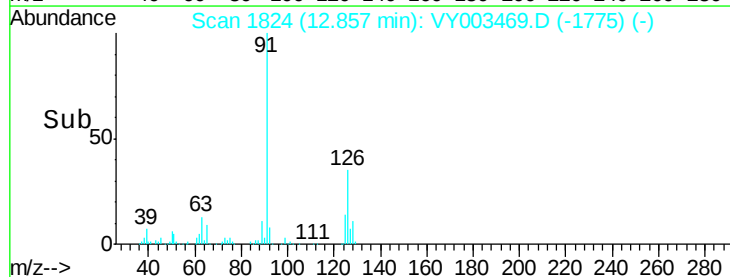
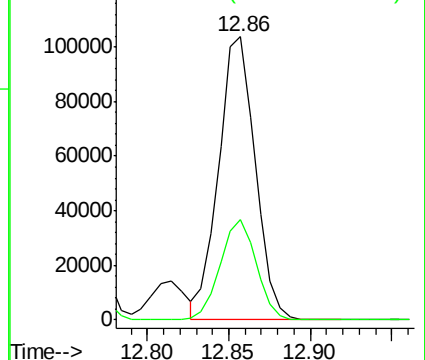
91 100

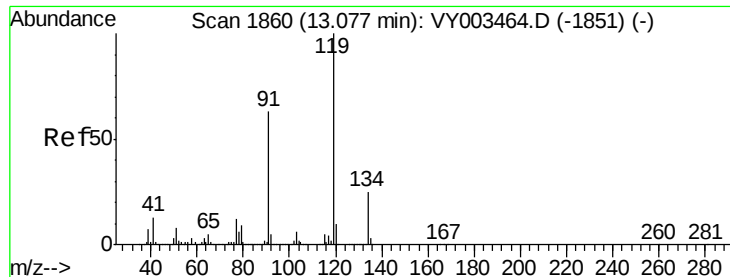
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

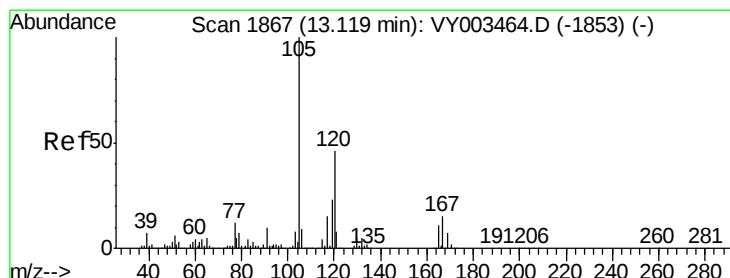
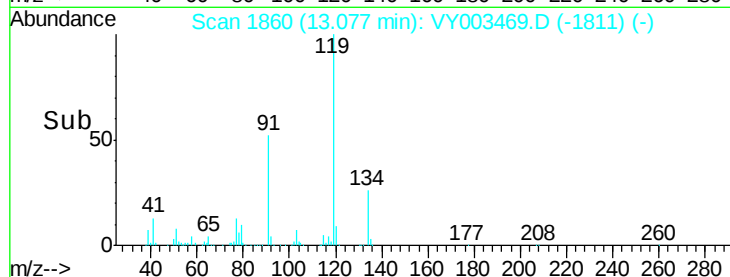
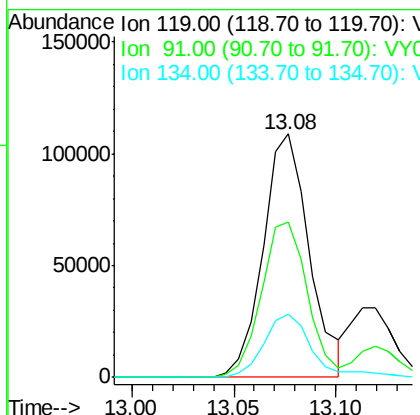
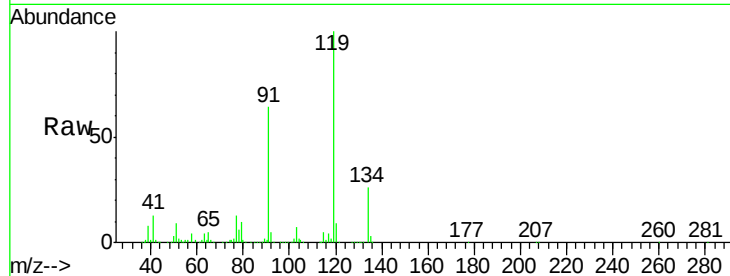




#83
tert-Butylbenzene
Concen: 21.329 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

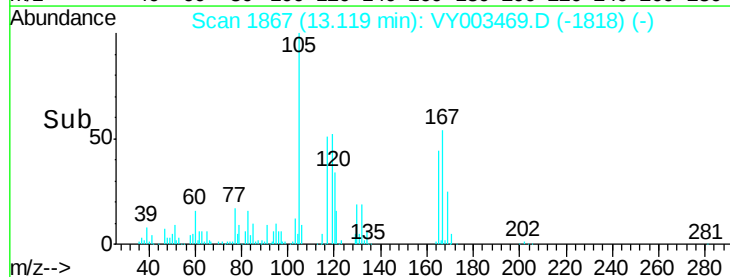
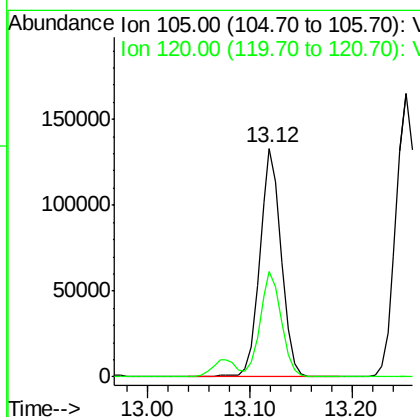
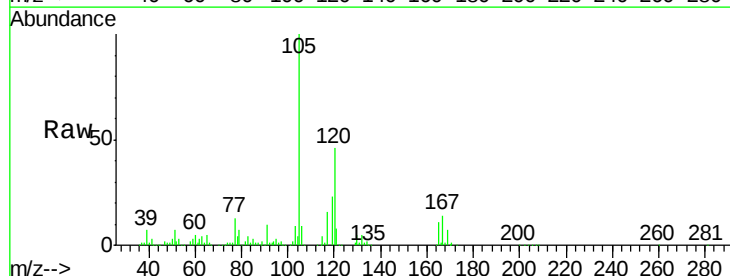
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

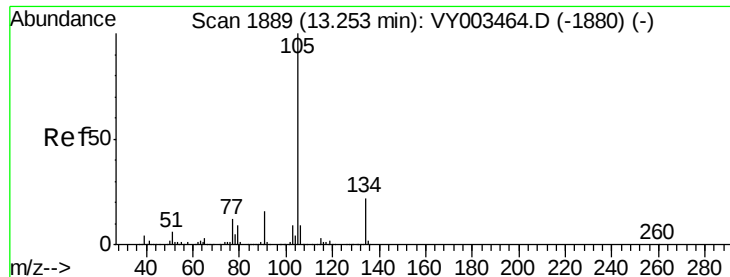
Tot Ion:119 Resp: 171596
Ion Ratio Lower Upper
119 100
91 63.4 31.1 93.2
134 27.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.471 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Tgt Ion:105 Resp: 194665
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.721 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

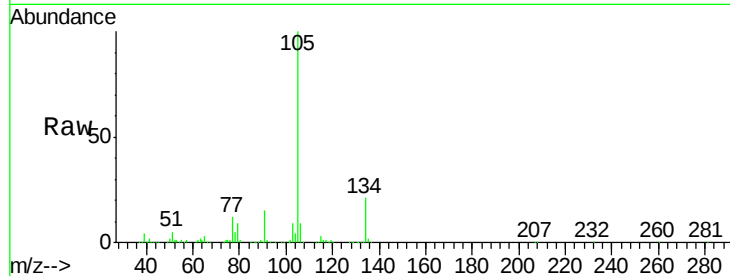
VY1102SBS01

Tot Ion:105 Resp: 236619

Ion Ratio Lower Upper

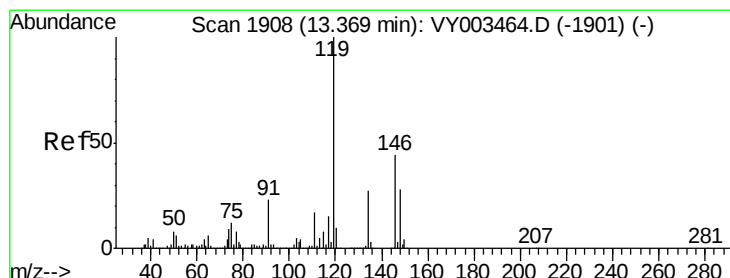
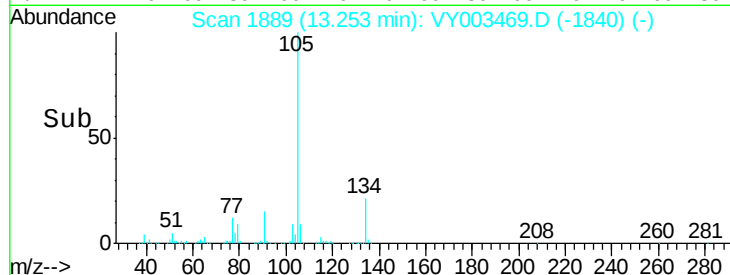
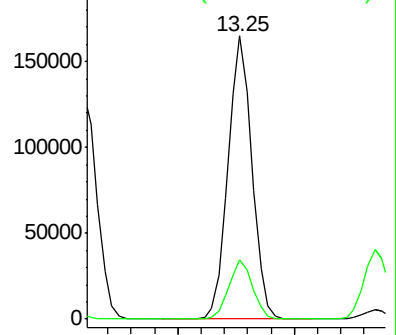
105 100

134 20.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.379 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

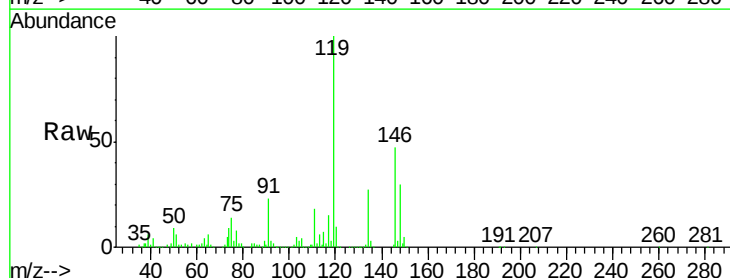
Tgt Ion:119 Resp: 215991

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

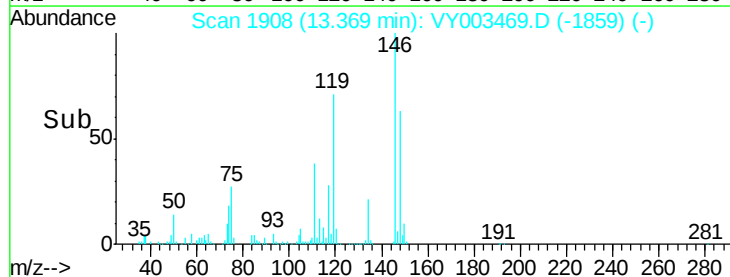
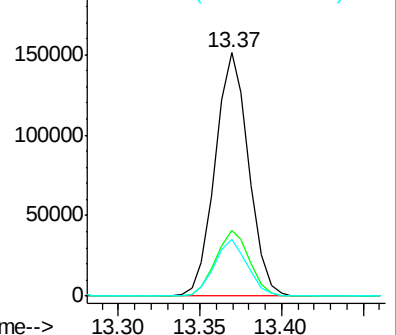
91 23.0 11.4 34.2

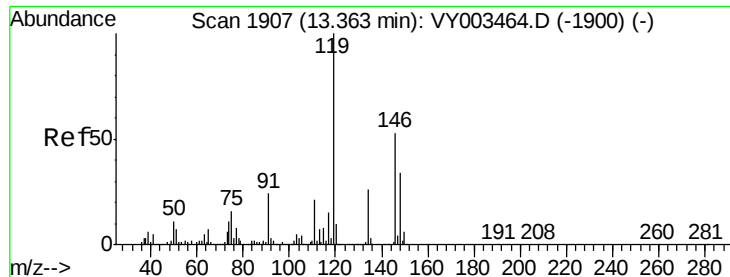


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

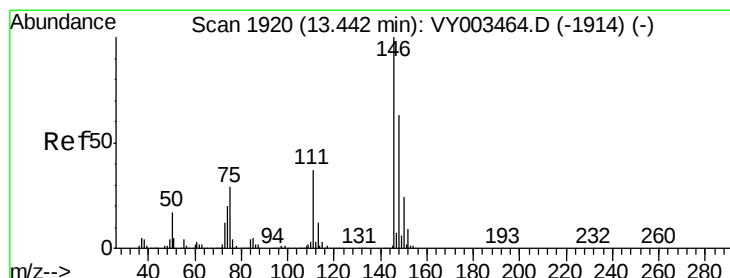
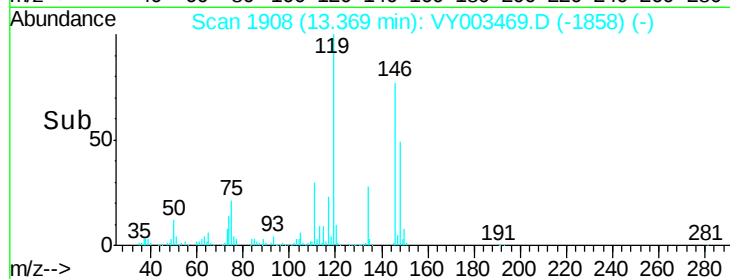
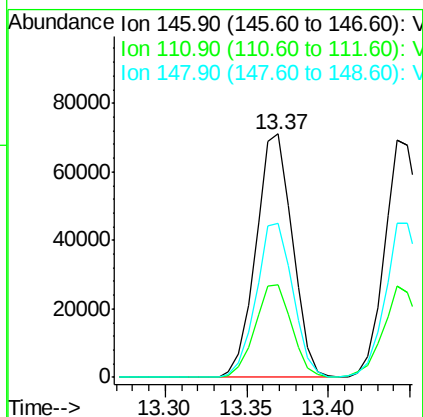
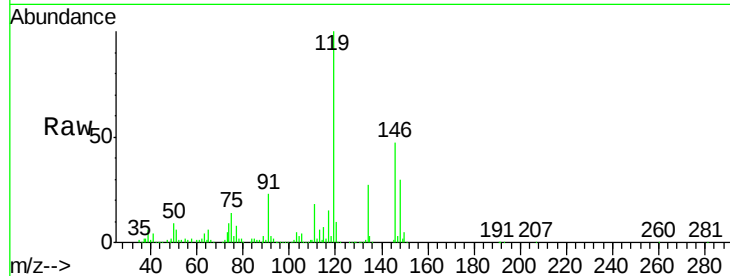




#87
 1,3-Dichlorobenzene
 Concen: 21.323 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

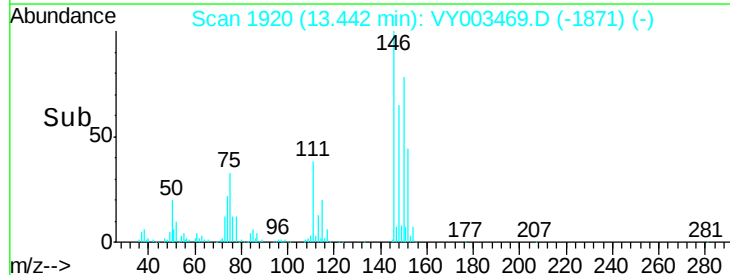
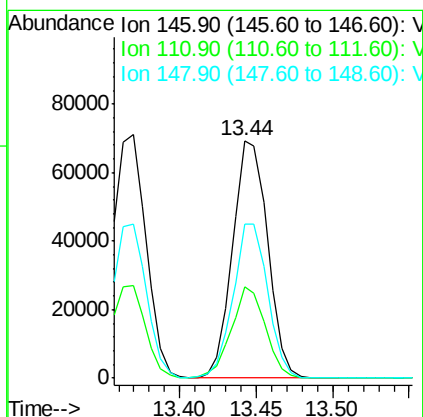
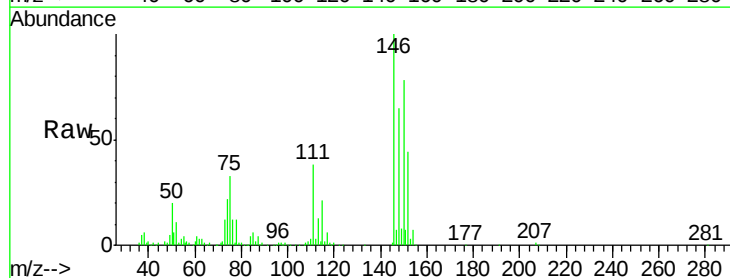
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

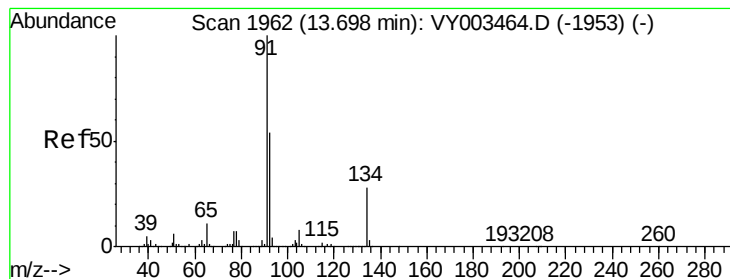
Tot Ion:146 Resp: 110495
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 21.356 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion:146 Resp: 110043
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.3 54.8
 148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 22.009 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

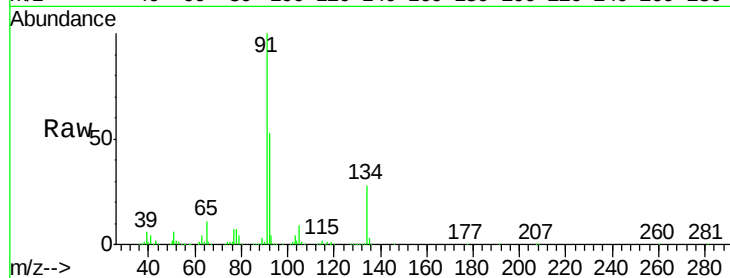
Tot Ion: 91 Resp: 203091

Ion Ratio Lower Upper

91 100

92 52.6 26.7 80.1

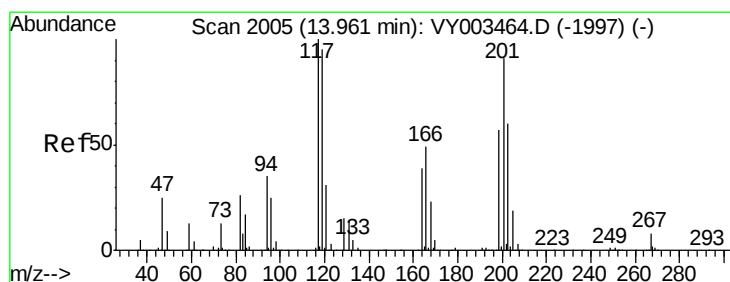
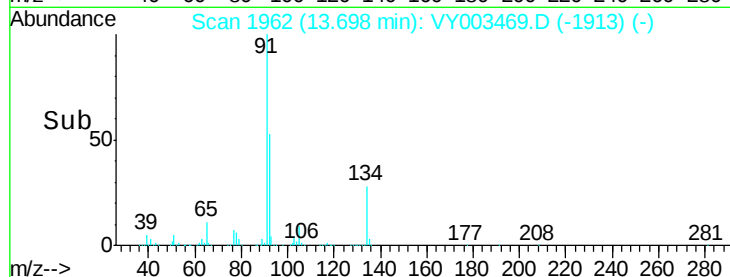
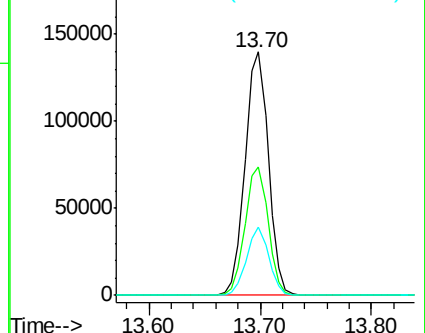
134 27.0 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003469.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003469.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003469.D (-1953) (-)



#90

Hexachloroethane

Concen: 20.965 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003469.D

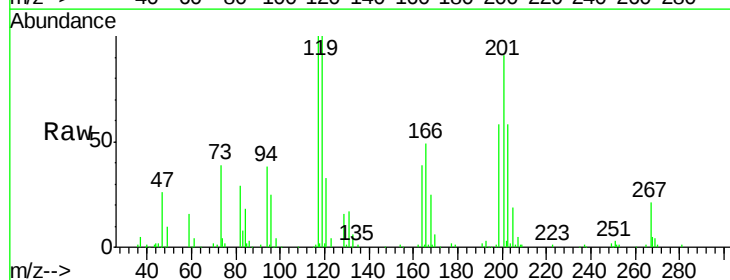
Acq: 02 Nov 2020 13:58

Tgt Ion: 117 Resp: 35646

Ion Ratio Lower Upper

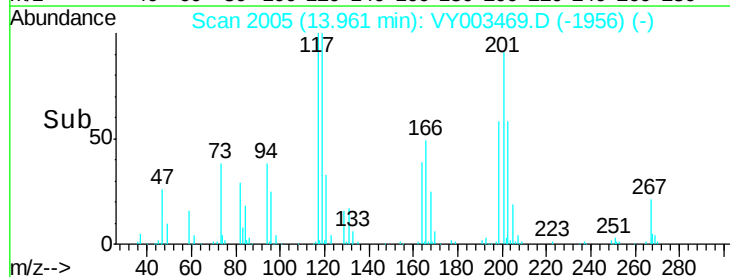
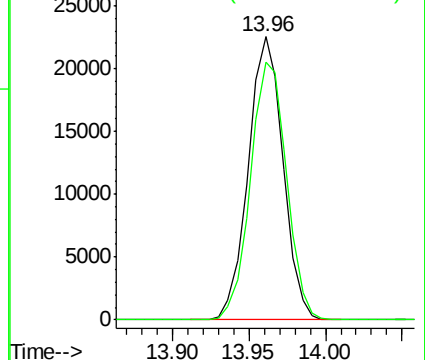
117 100

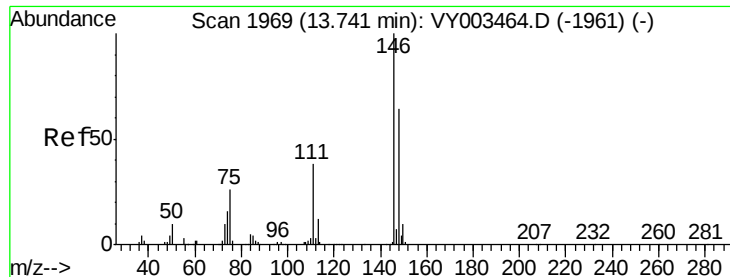
201 94.3 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003469.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003469.D (-1956) (-)

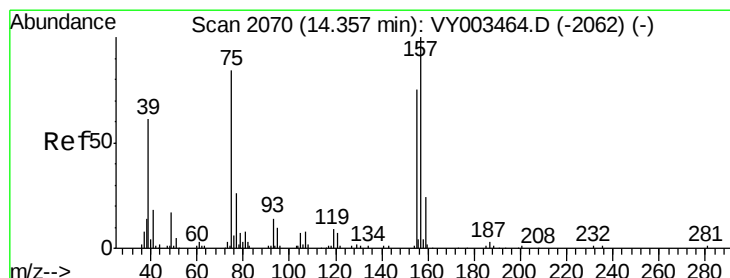
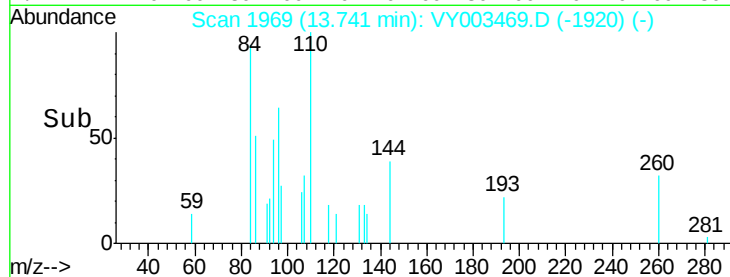
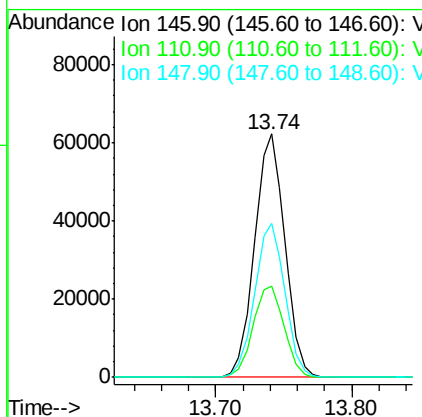
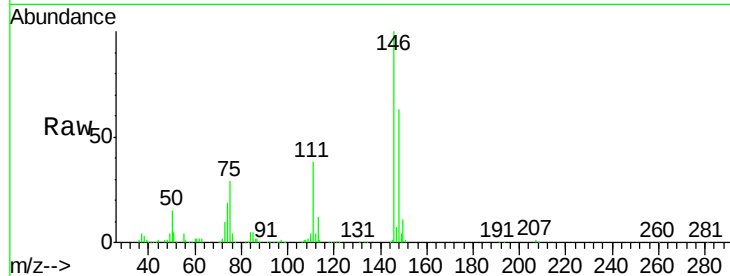




#91
 1,2-Dichlorobenzene
 Concen: 21.167 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

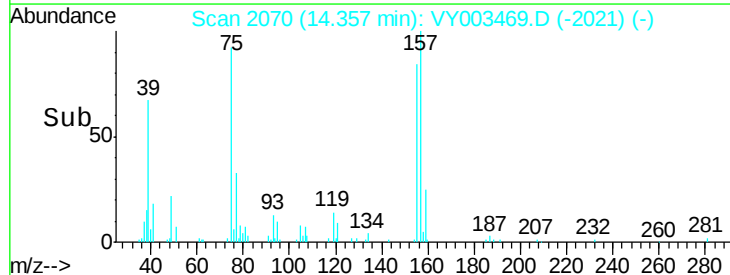
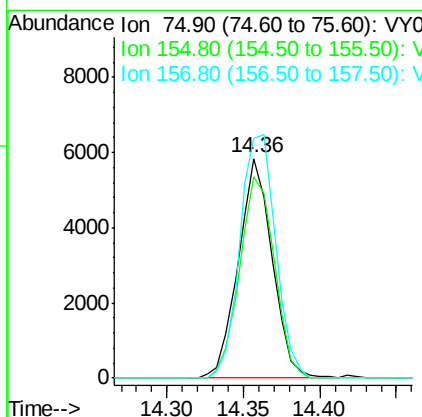
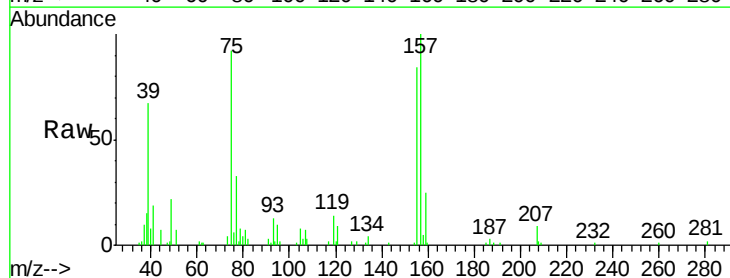
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

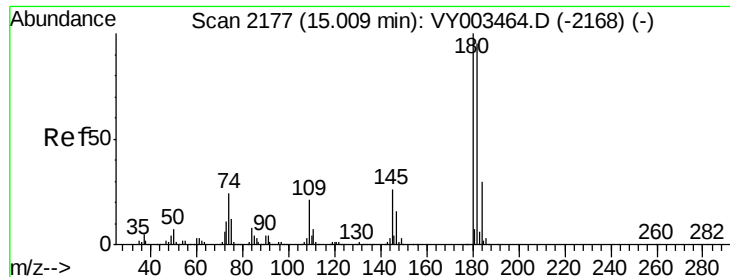
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.210 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	45.6	136.7
157	116.6	60.3	180.8

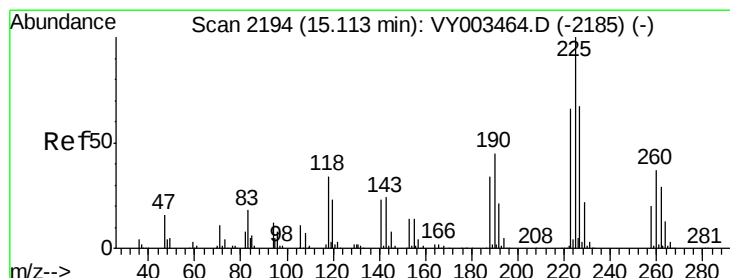
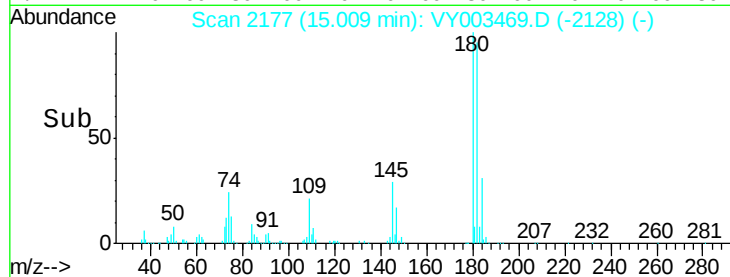
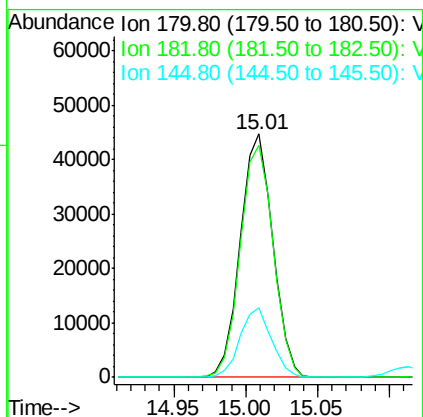
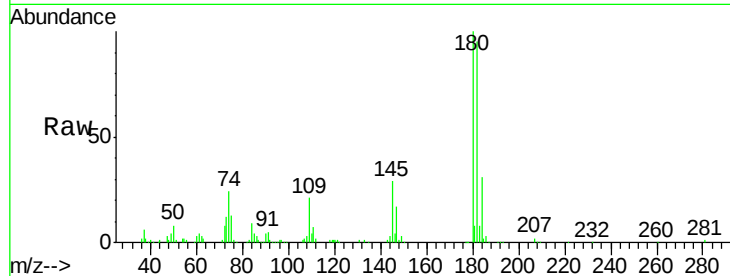




#93
 1,2,4-Trichlorobenzene
 Concen: 21.508 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

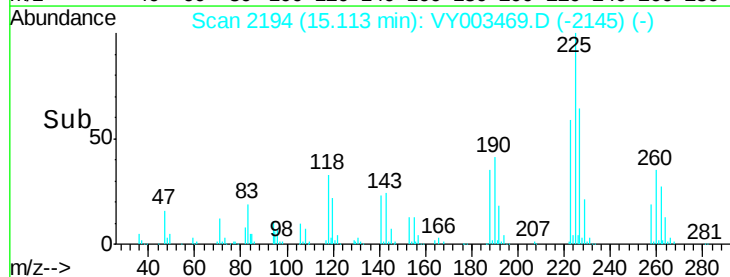
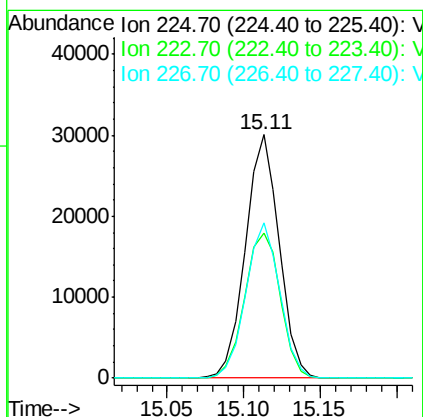
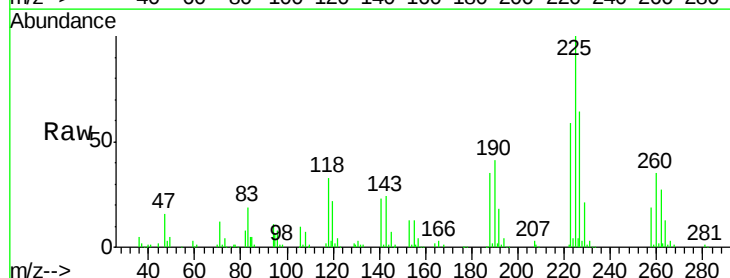
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

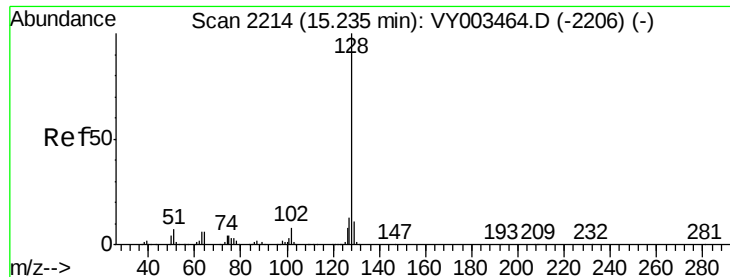
Tot Ion:180 Resp: 70034
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.1 144.3
 145 27.7 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 21.898 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

Tgt Ion:225 Resp: 45869
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.3
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 21.179 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBS01

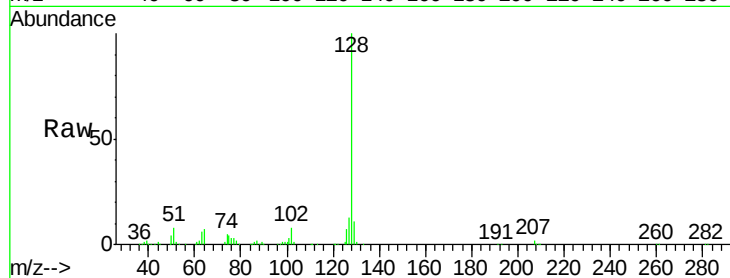
Tot Ion:128 Resp: 138095

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

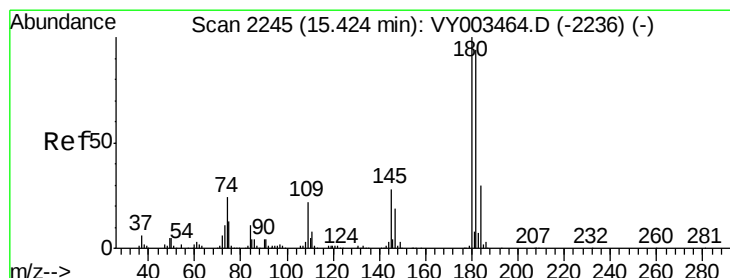
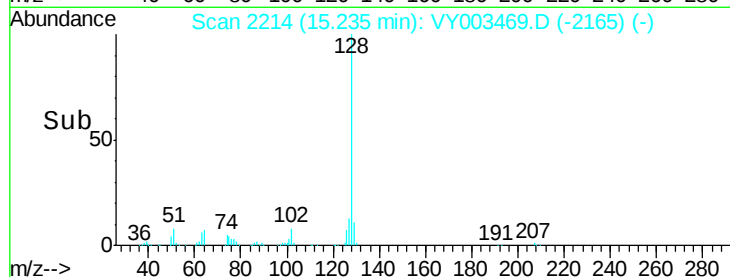
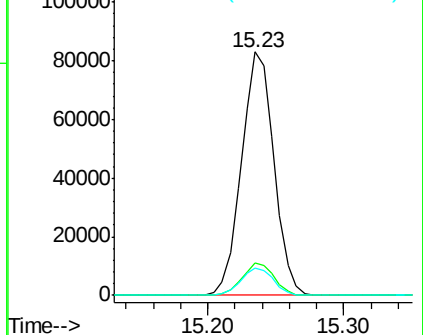
129 11.0 8.6 13.0



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: 21.293 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

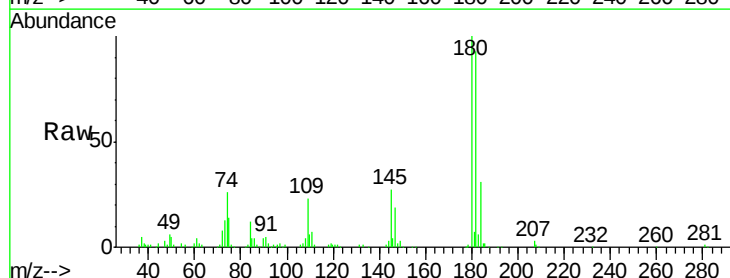
Tgt Ion:180 Resp: 62369

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.7

145 28.6 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

