

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 01:53:51 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						
33) 1,2-Dichloroethane-d4	8.15	65	130675	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	7.72	113	111817	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.18	98	462090	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.48	95	152698	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

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

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

39) Methylcyclohexane	9.19	83	80961	21.120	ug/l	99
40) Benzene	8.17	78	203434	21.234	ug/l	100
41) Methacrylonitrile	7.36	41	57449	50.324	ug/l #	100
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	67462	38.041	ug/l #	100
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

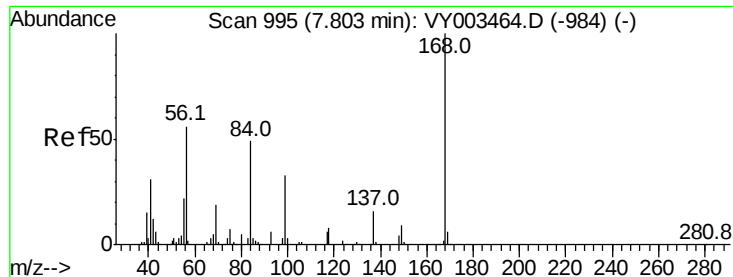
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Response via : Initial Calibration

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 :

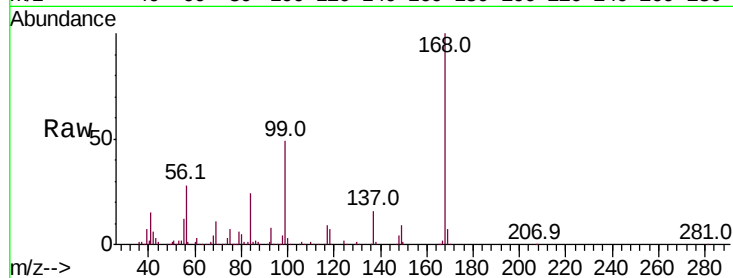
VY1102SBS01

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) (-)

7.80

120000

100000

80000

60000

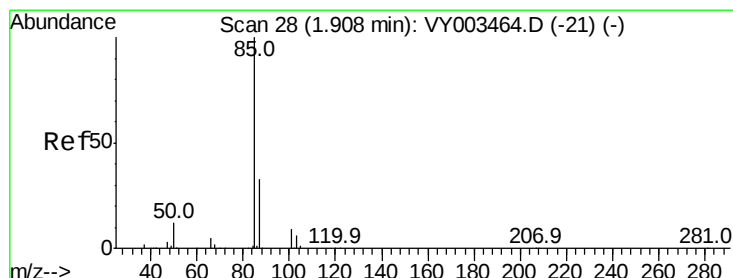
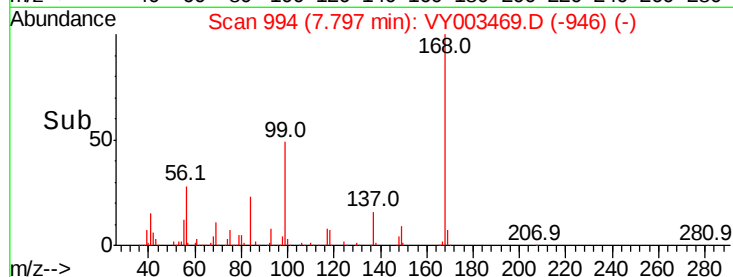
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.342 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003469.D

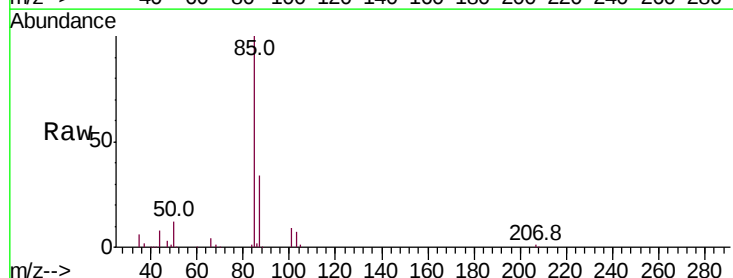
Acq: 02 Nov 2020 13:58

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) (-)

1.91

30000

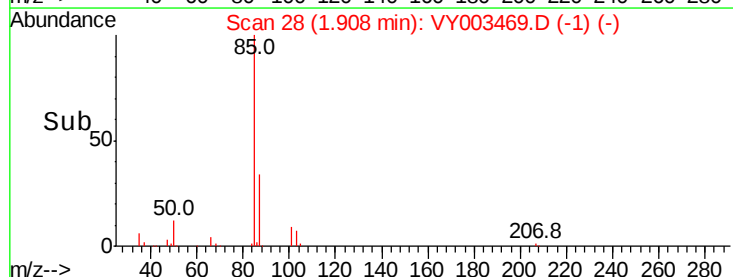
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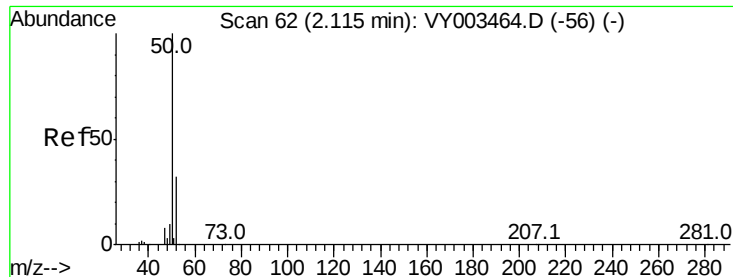
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0

1.85 1.90 1.95 2.00 2.05

Time-->





#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 :

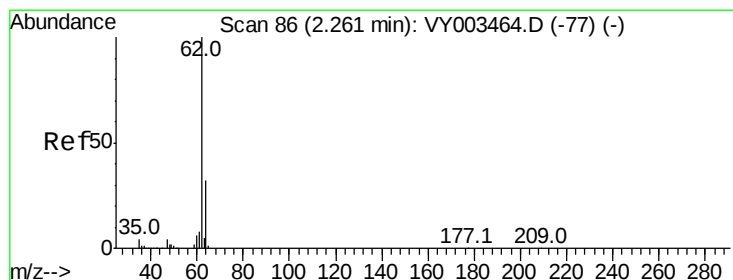
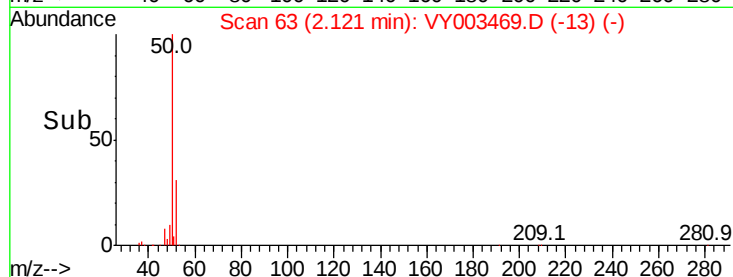
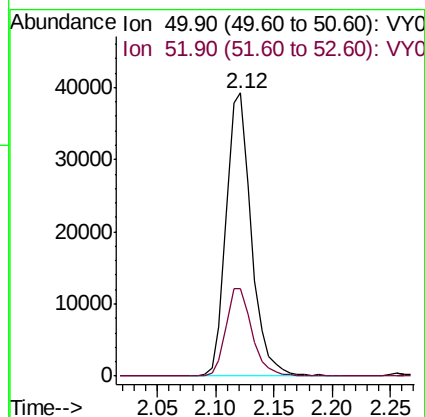
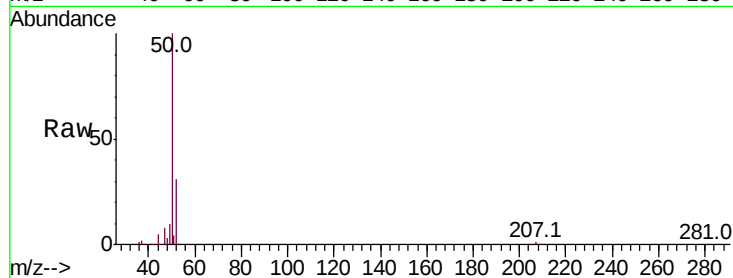
VY1102SBS01

Tot Ion: 50 Resp: 58794

Ion Ratio Lower Upper

50 100

52 31.0 25.6 38.4



#4

Vinyl Chloride

Concen: 22.027 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003469.D

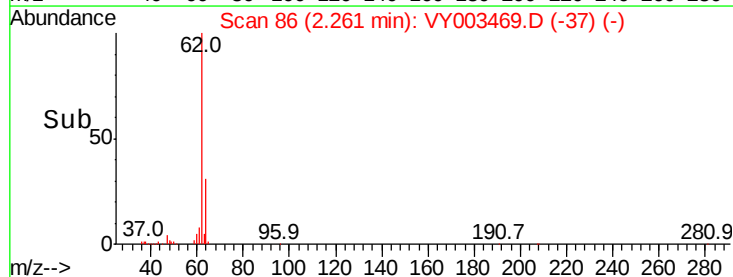
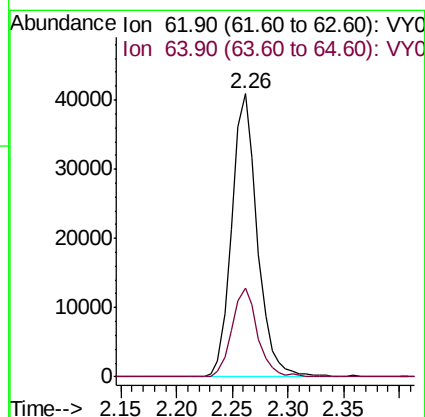
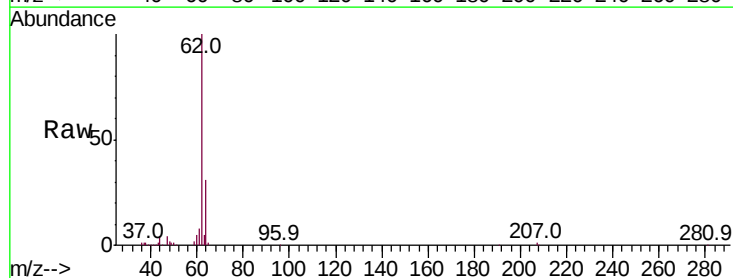
Acq: 02 Nov 2020 13:58

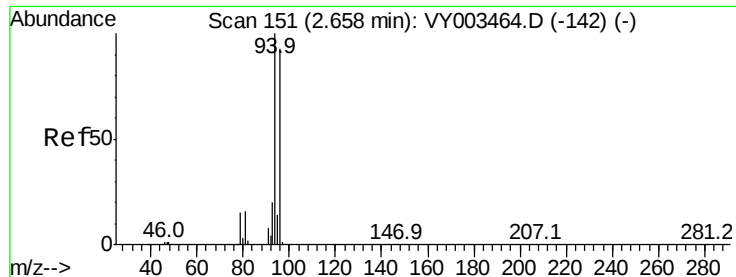
Tgt Ion: 62 Resp: 65135

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#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 :

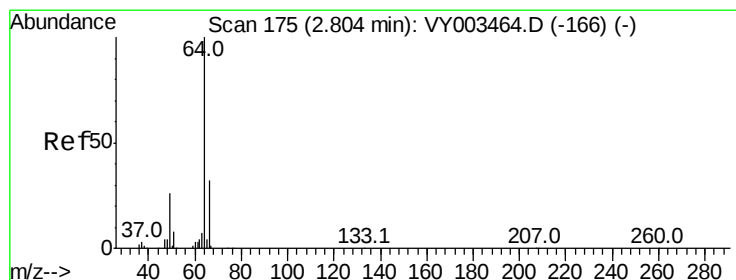
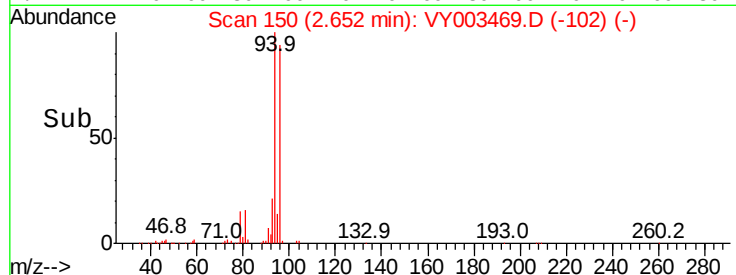
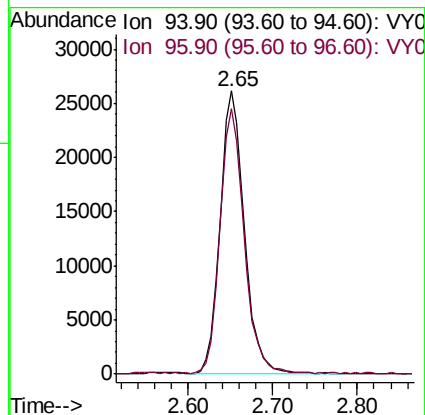
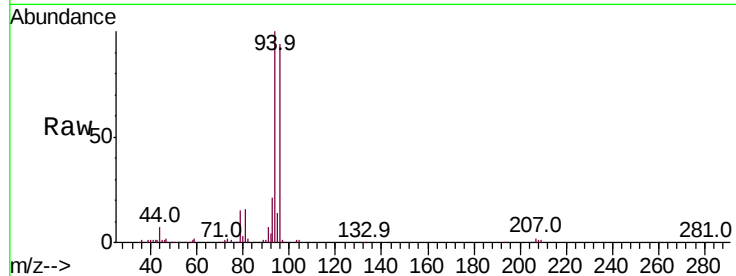
VY1102SBS01

Tot Ion: 94 Resp: 52202

Ion Ratio Lower Upper

94 100

96 93.3 74.6 112.0



#6

Chloroethane

Concen: 21.524 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003469.D

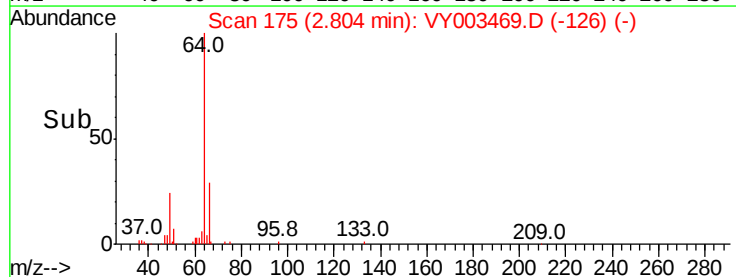
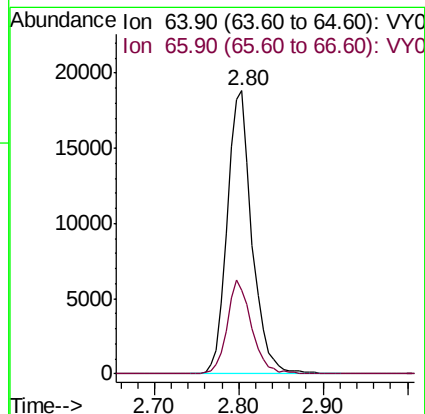
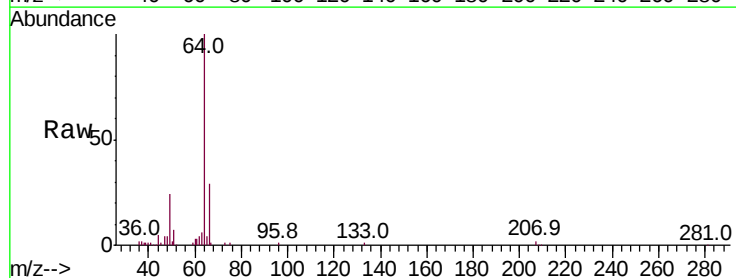
Acq: 02 Nov 2020 13:58

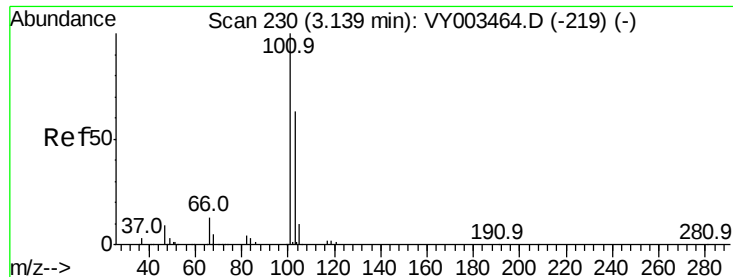
Tgt Ion: 64 Resp: 37936

Ion Ratio Lower Upper

64 100

66 29.4 25.6 38.4



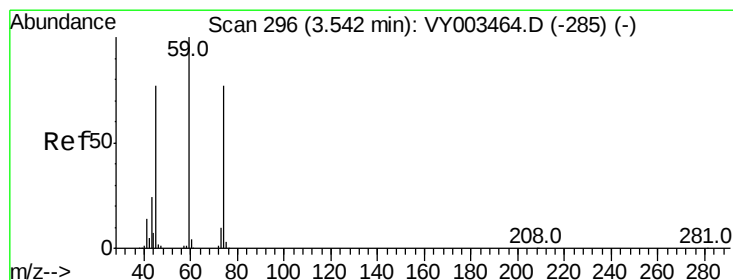
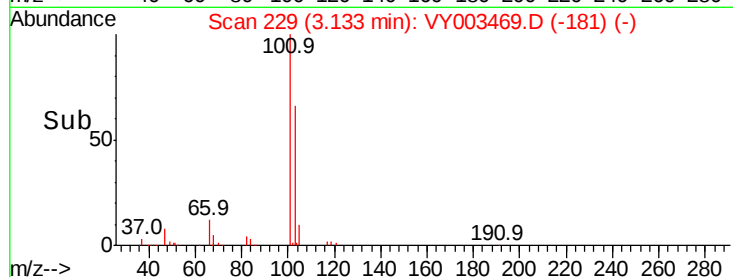
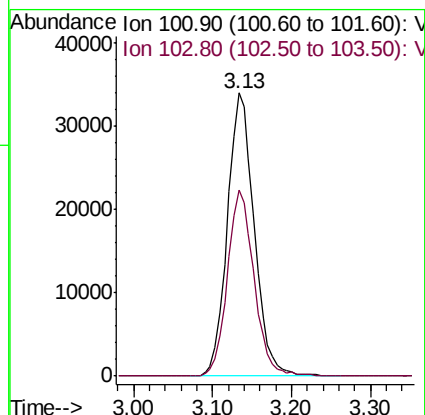
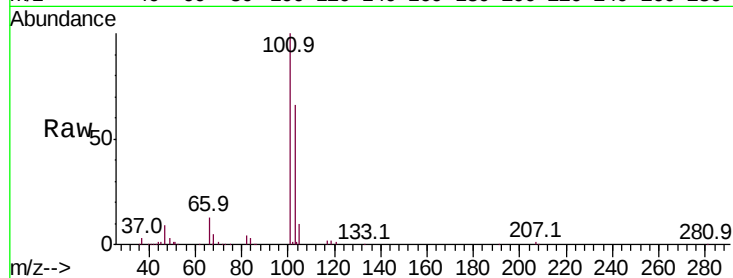


#7

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

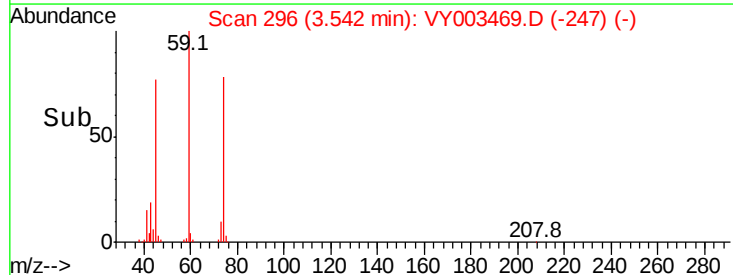
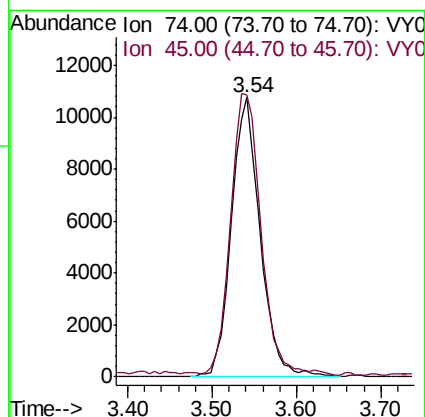
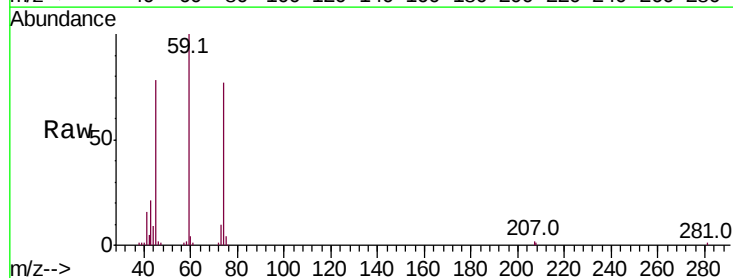
Tot Ion:101 Resp: 80460
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

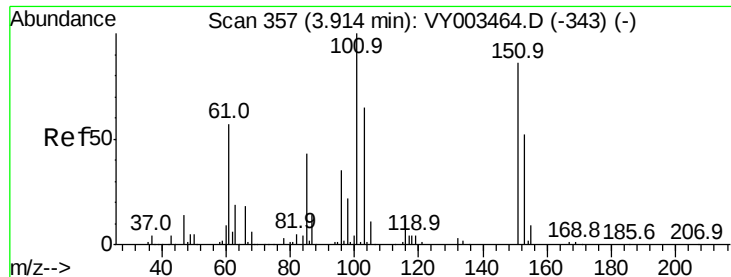


#8

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

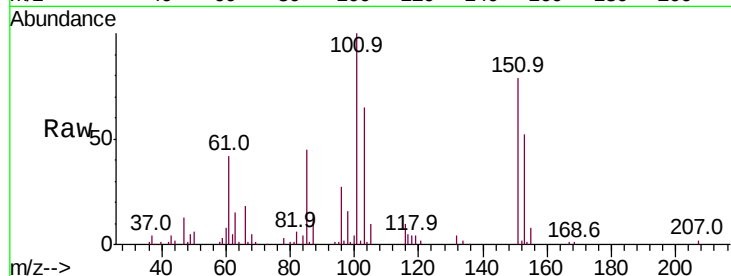
Tot Ion:101 Resp: 44961

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.8

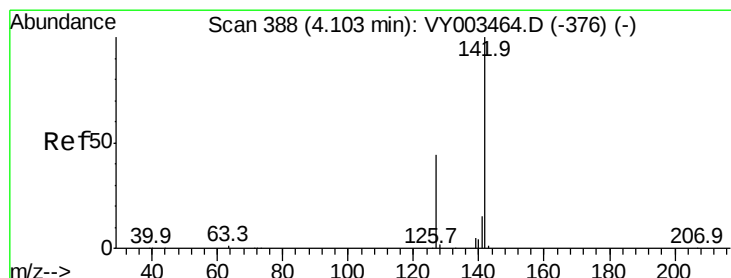
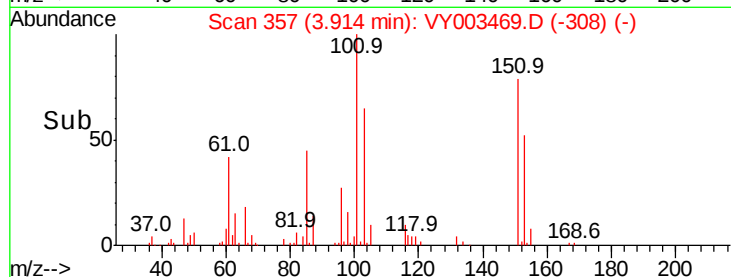
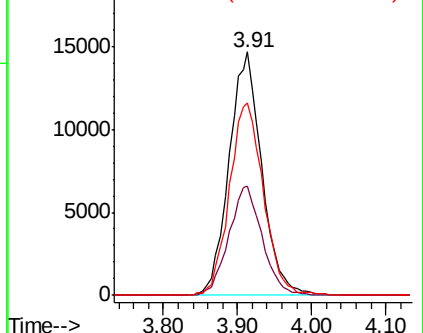
151 81.9 67.6 101.4



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

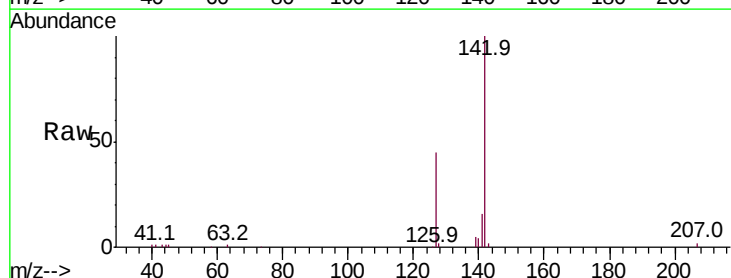
Tgt Ion:142 Resp: 38282

Ion Ratio Lower Upper

142 100

127 44.0 34.5 51.7

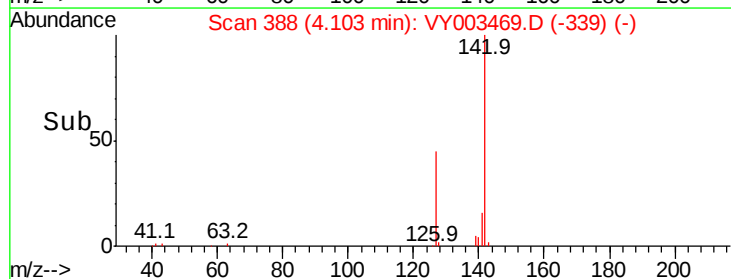
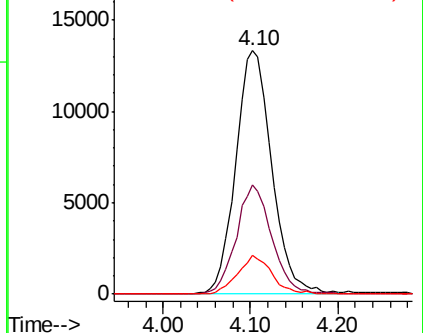
141 15.0 11.8 17.8

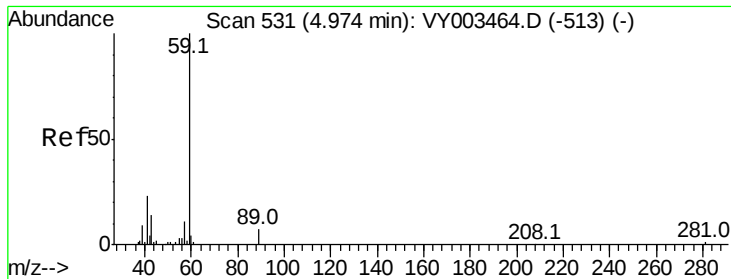


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



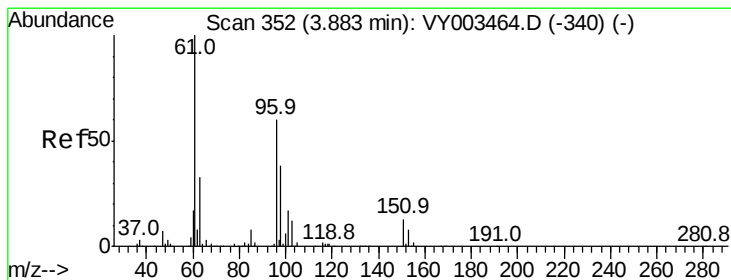
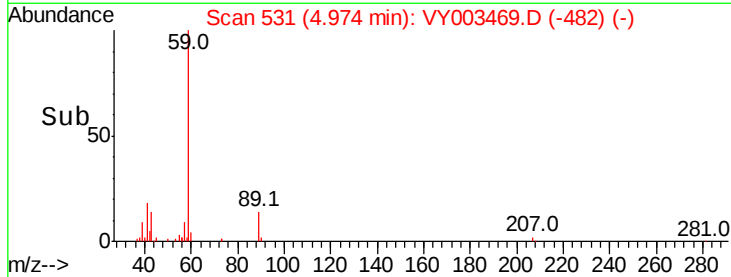
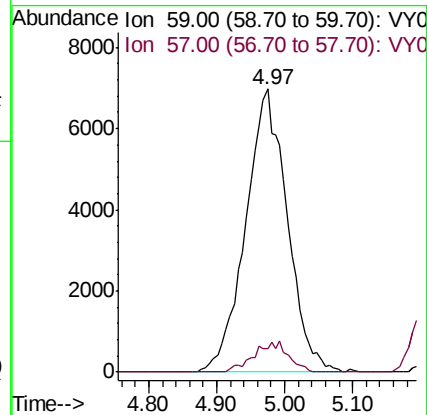
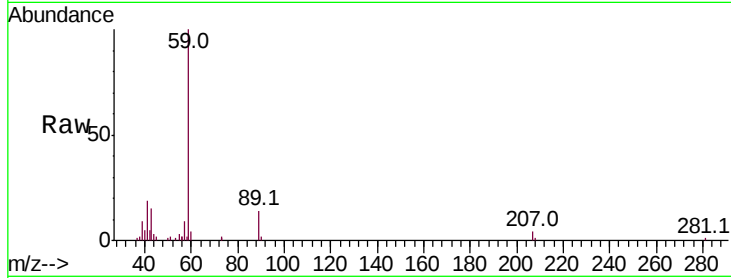


#11

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

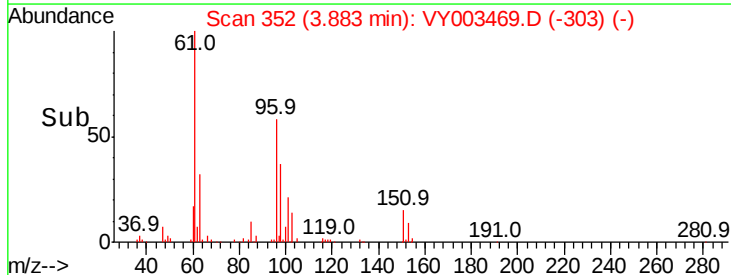
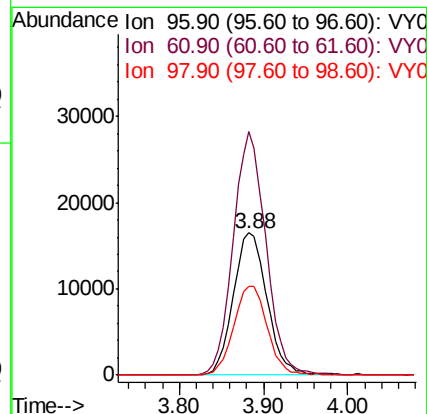
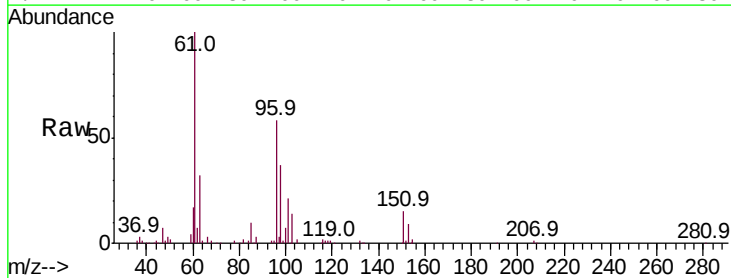
Tot Ion: 59 Resp: 29612
Ion Ratio Lower Upper
59 100
57 9.0 7.9 11.9

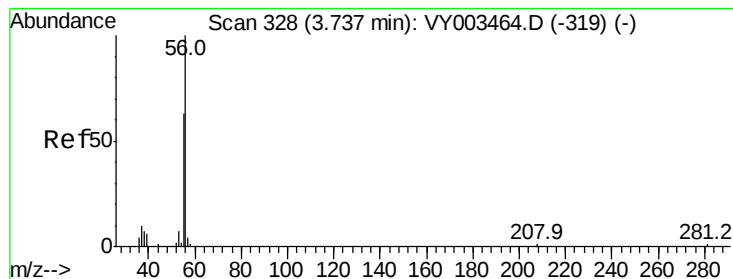


#12

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 :

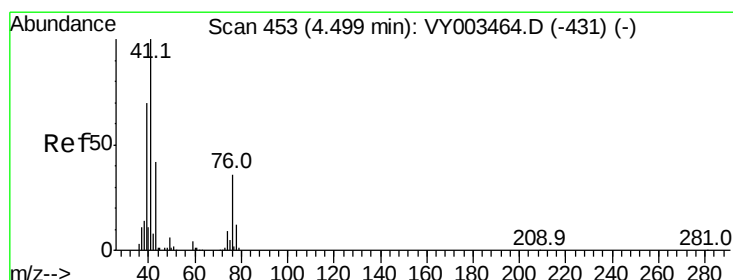
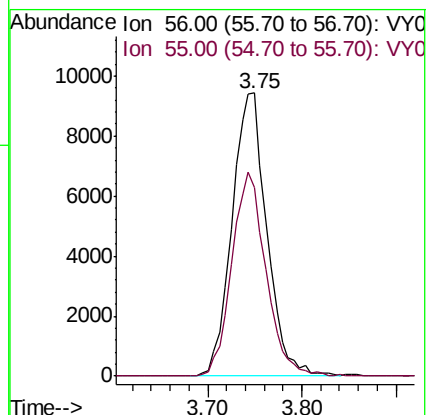
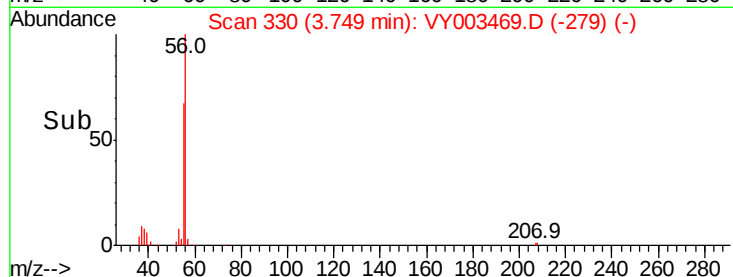
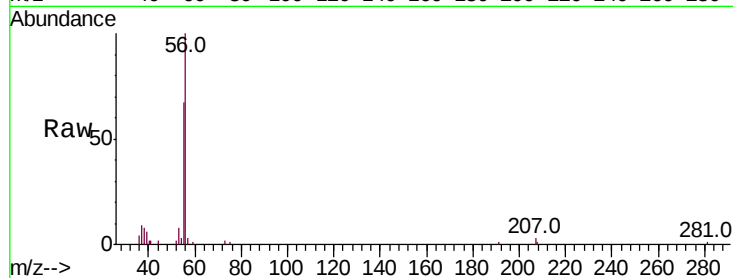
VY1102SBS01

Tot Ion: 56 Resp: 24198

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



#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

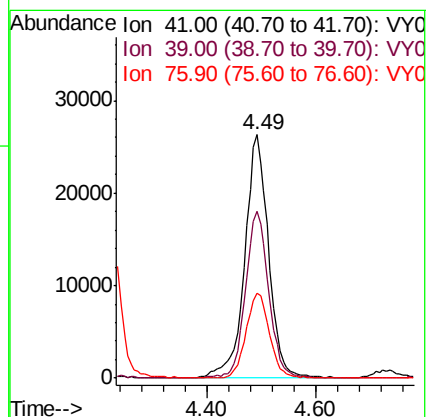
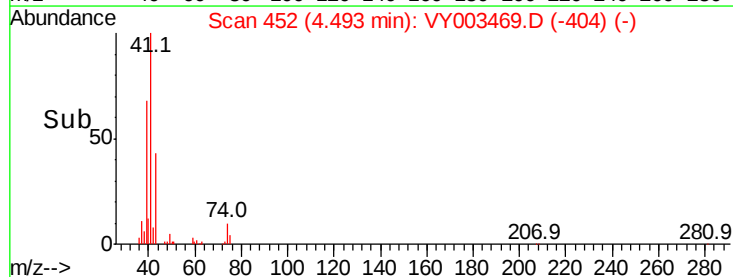
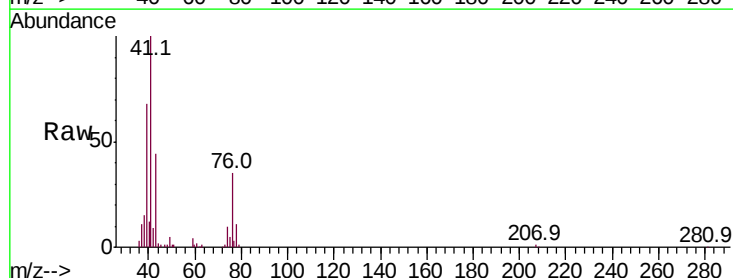
Tgt Ion: 41 Resp: 80149

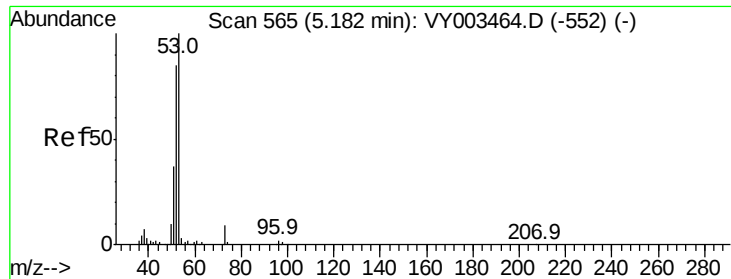
Ion Ratio Lower Upper

41 100

39 66.7 54.4 81.6

76 34.0 27.6 41.4





#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

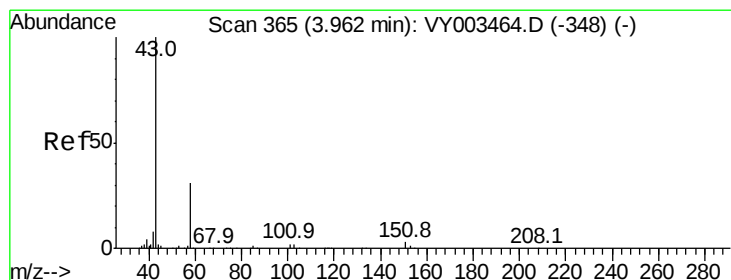
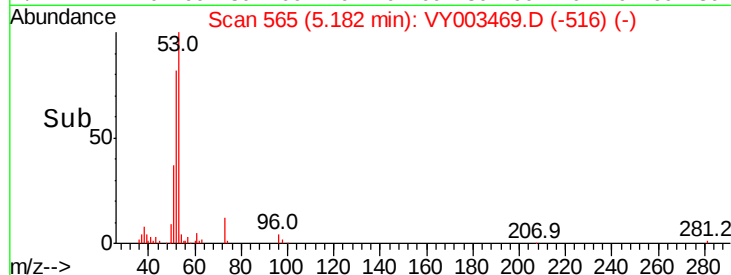
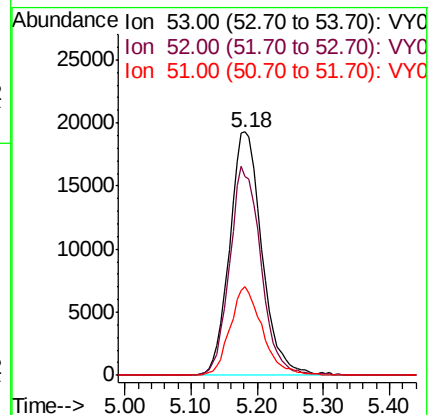
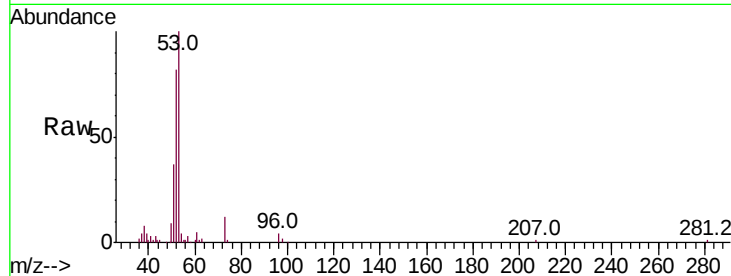
Tot Ion: 53 Resp: 65397

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

51 36.2 29.3 43.9



#16

Acetone

Concen: 93.677 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003469.D

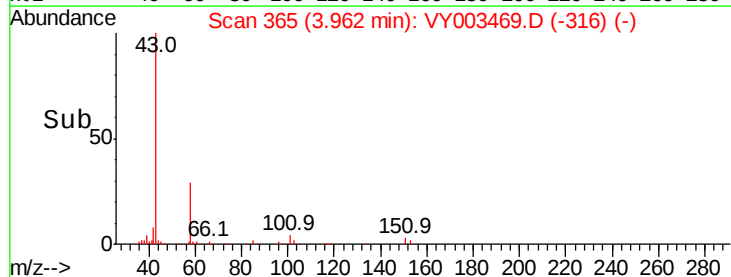
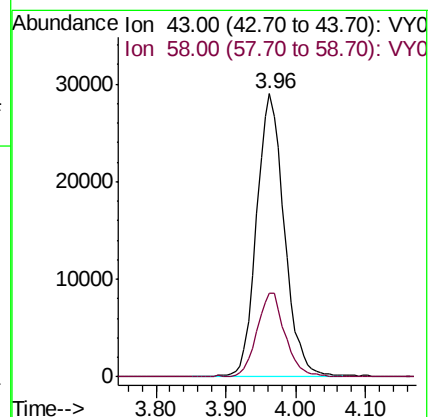
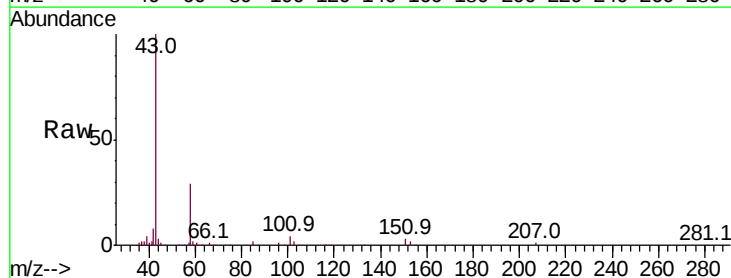
Acq: 02 Nov 2020 13:58

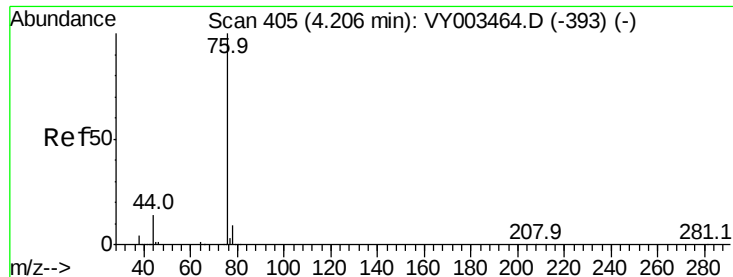
Tgt Ion: 43 Resp: 80125

Ion Ratio Lower Upper

43 100

58 29.4 25.0 37.4





#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 :

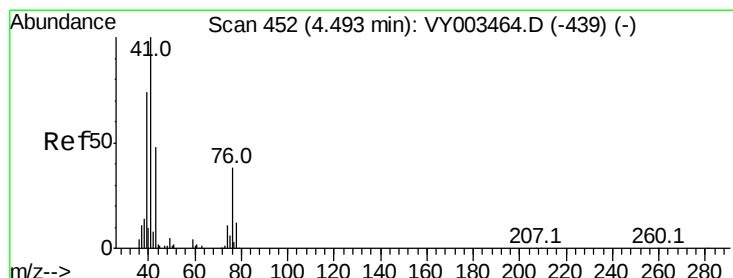
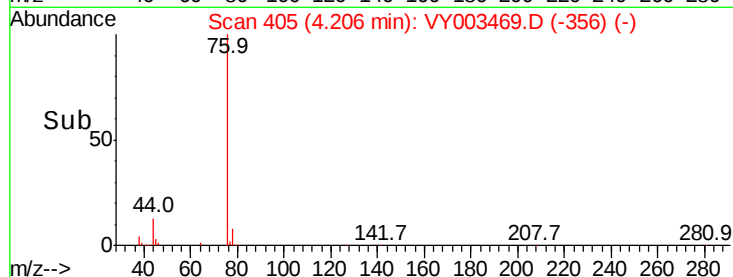
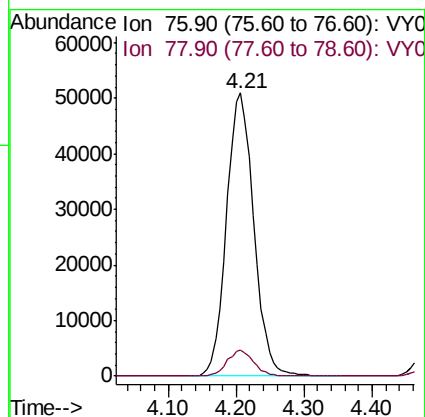
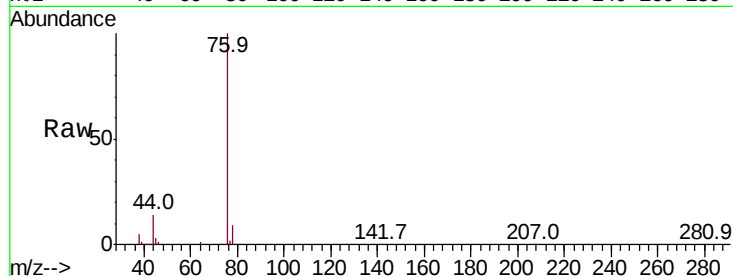
VY1102SBS01

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

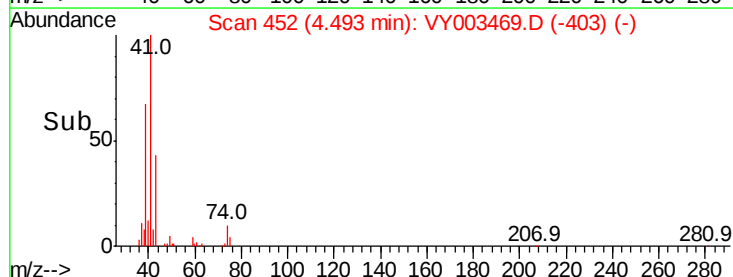
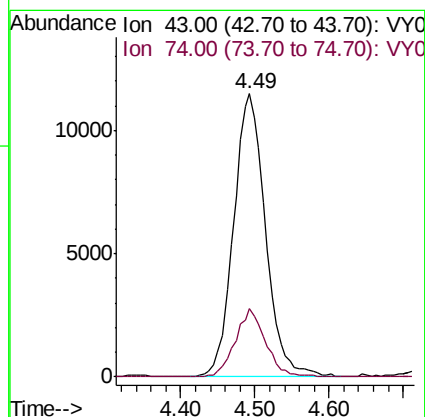
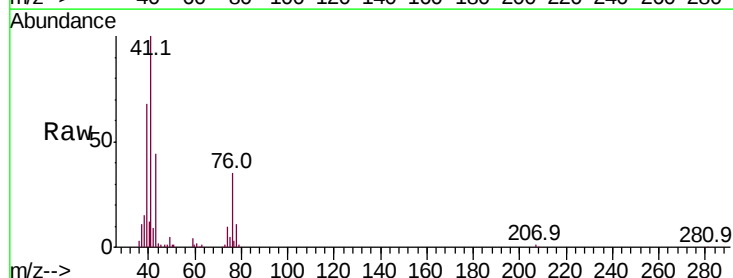
Acq: 02 Nov 2020 13:58

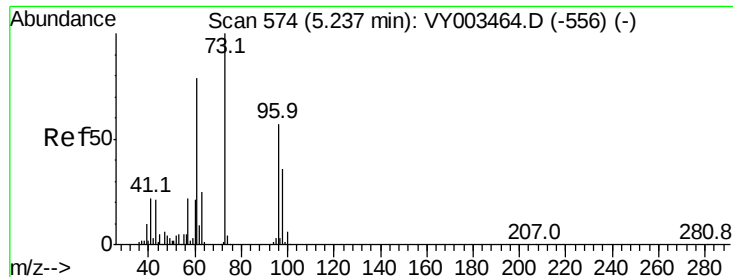
Tgt Ion: 43 Resp: 34410

Ion Ratio Lower Upper

43 100

74 22.7 18.4 27.6

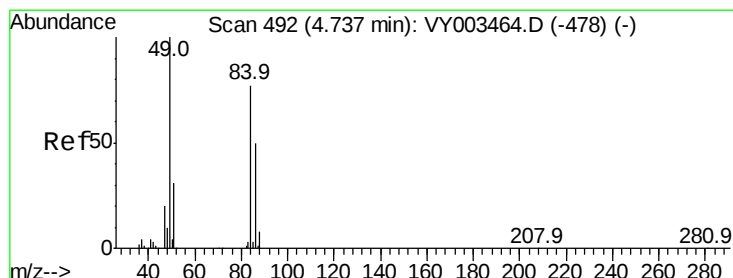
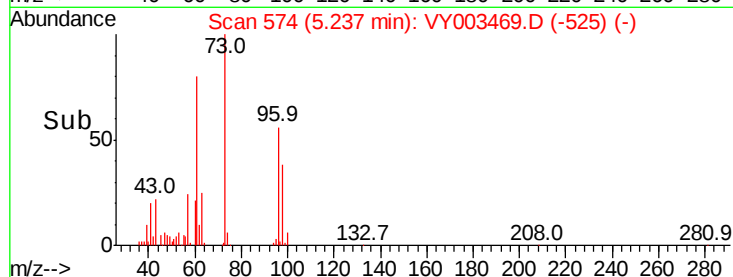
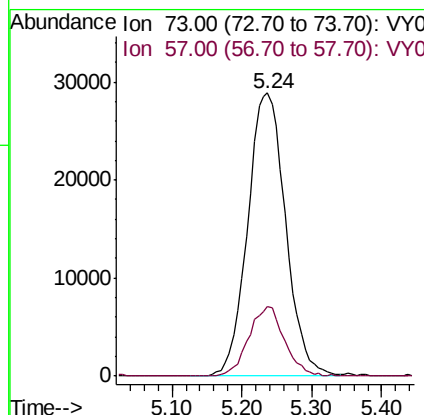
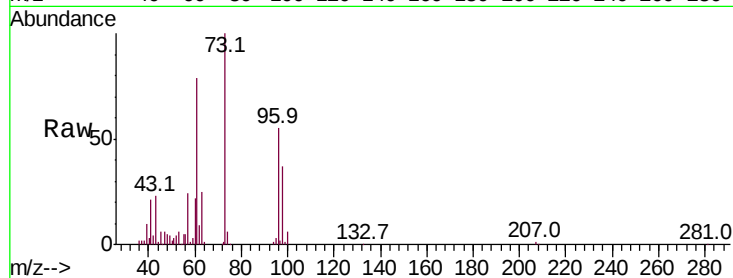




#19
Methvl tert-butvl Ether
Concen: 21.320 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

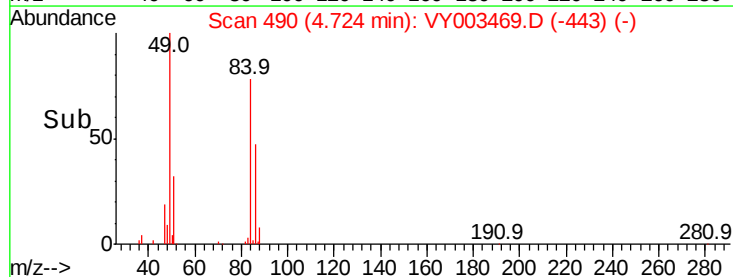
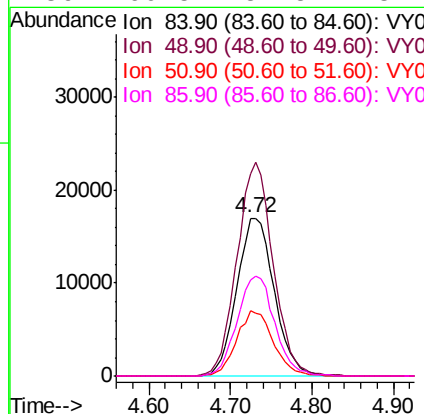
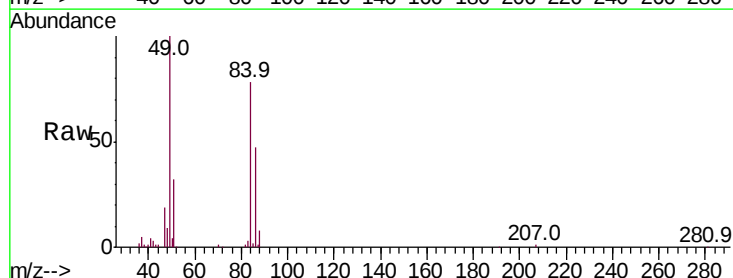
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

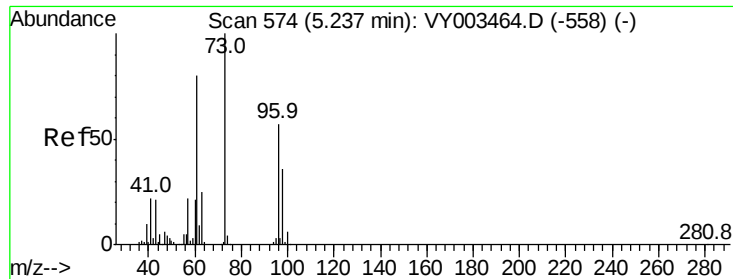
Tot Ion: 73 Resp: 108996
Ion Ratio Lower Upper
73 100
57 24.5 17.2 25.8



#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

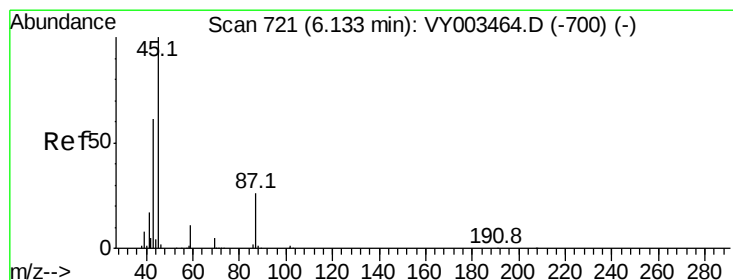
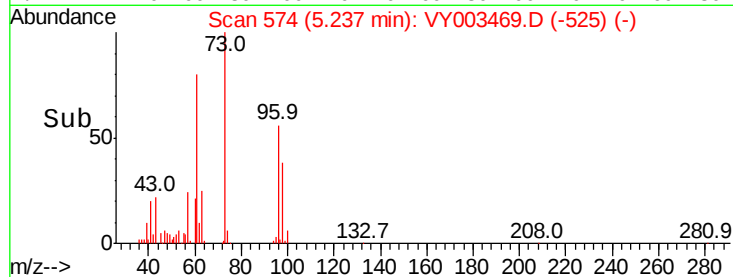
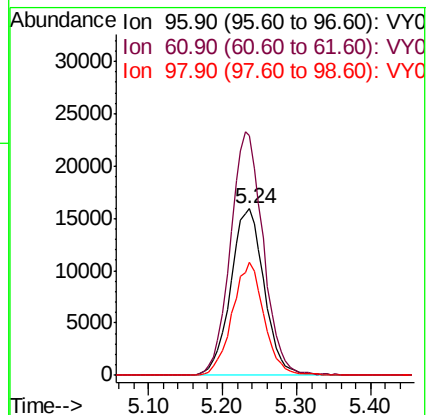
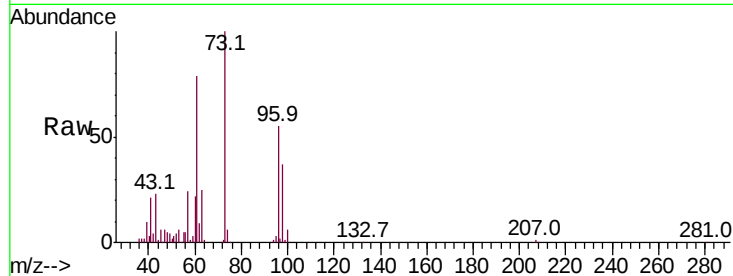
Tot Ion: 96 Resp: 50174

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

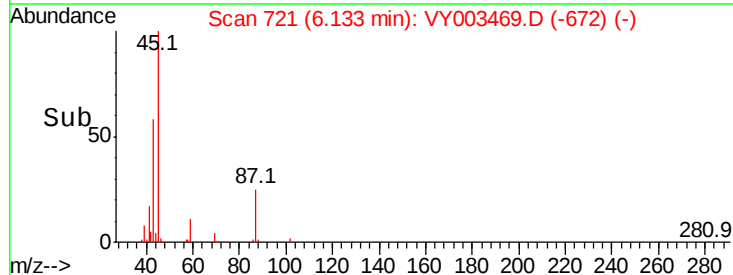
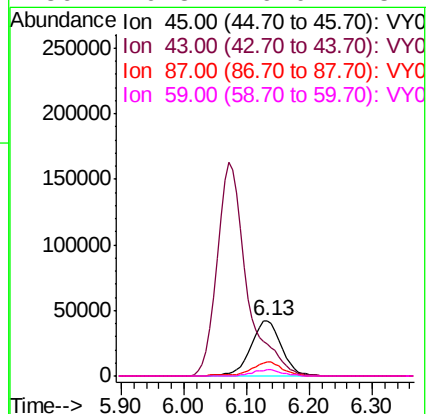
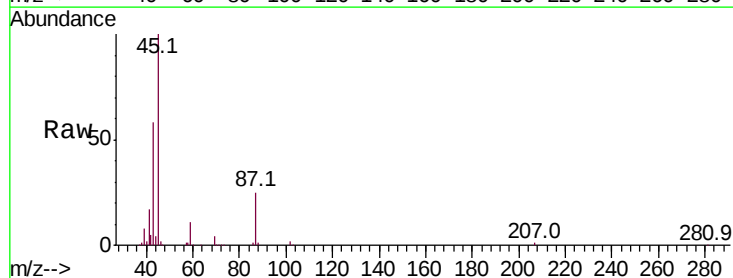
Ion Ratio Lower Upper

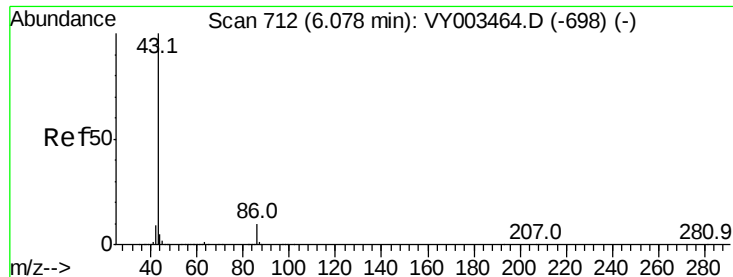
45 100

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 :

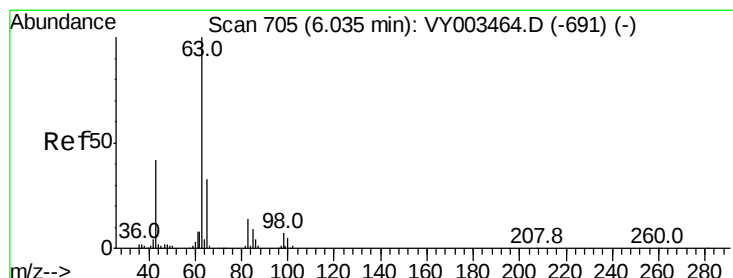
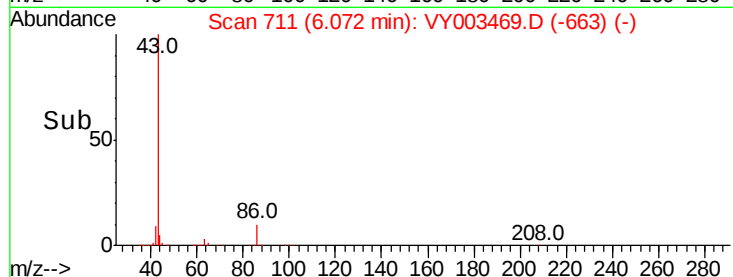
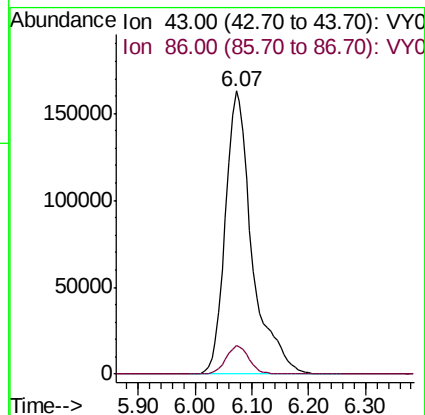
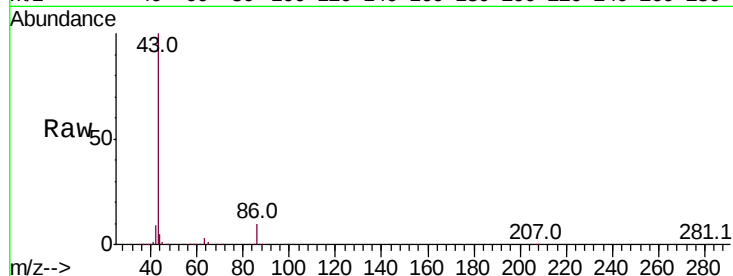
VY1102SBS01

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

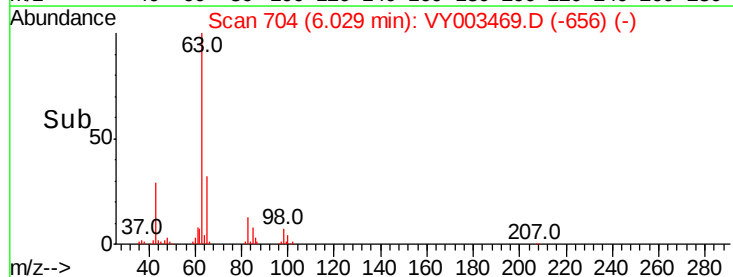
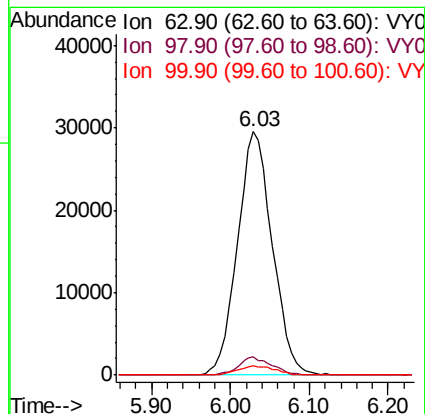
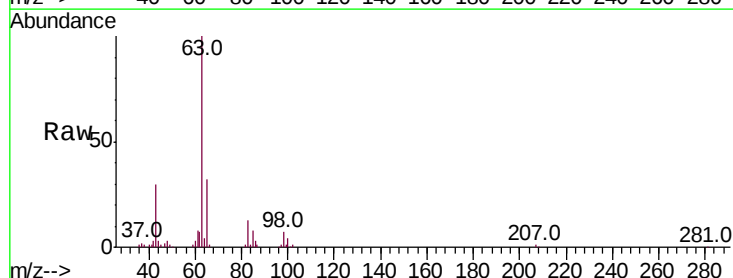
Tgt Ion: 63 Resp: 90704

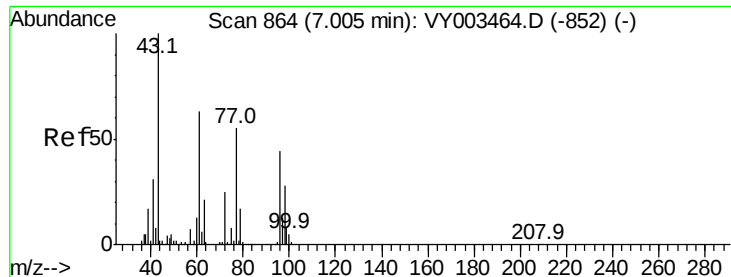
Ion Ratio Lower Upper

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 :

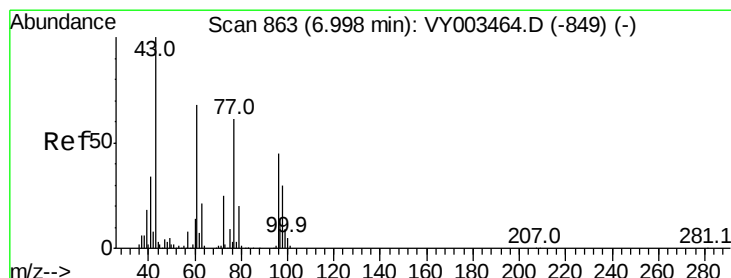
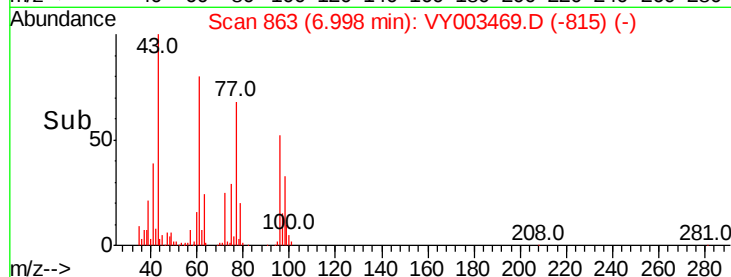
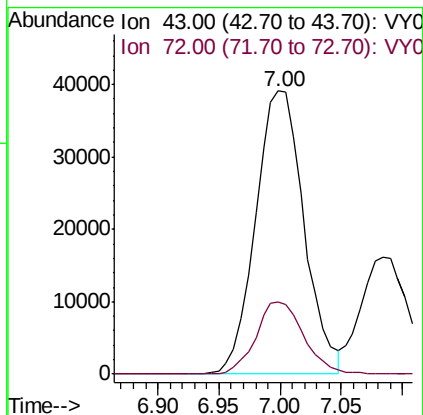
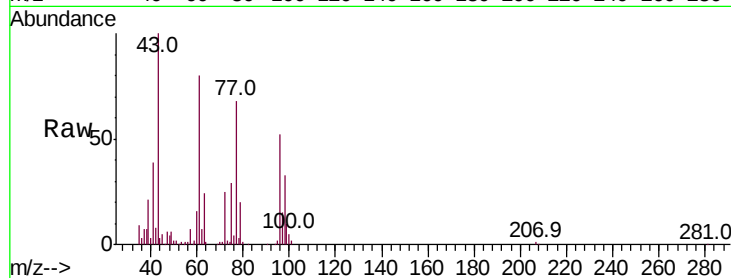
VY1102SBS01

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

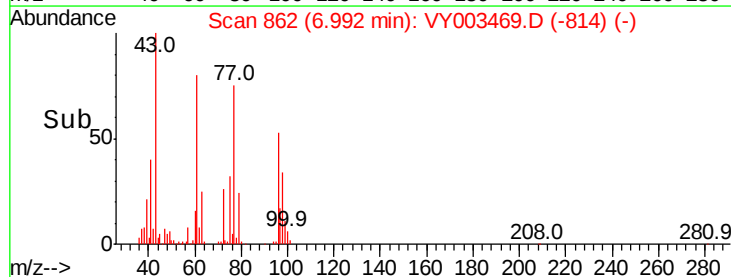
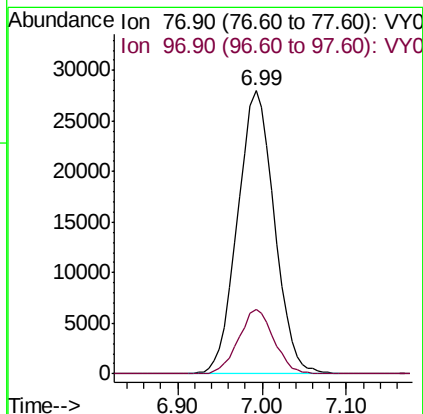
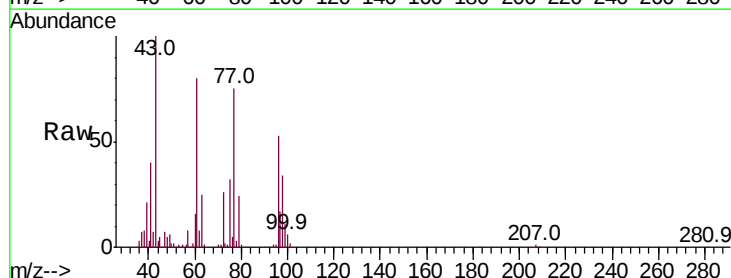
Acq: 02 Nov 2020 13:58

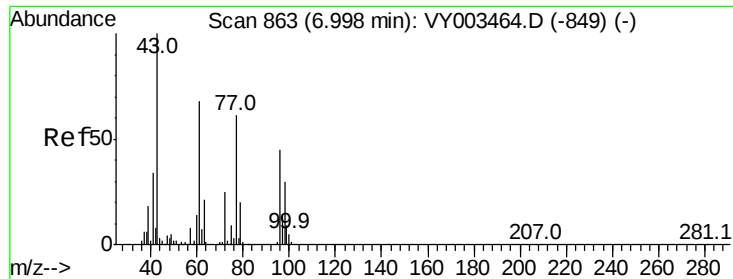
Tgt Ion: 77 Resp: 83071

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6



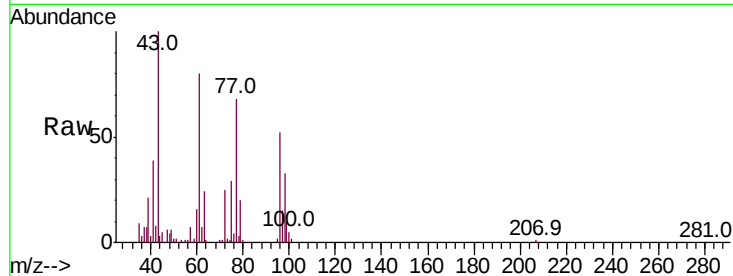


#27

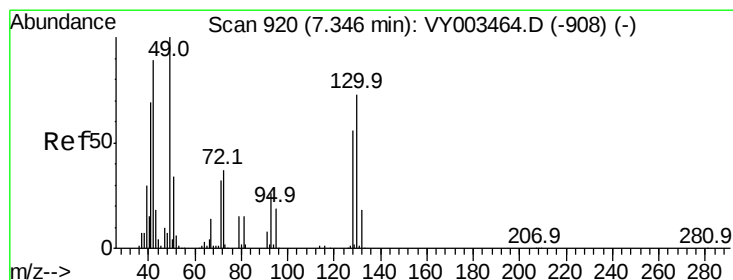
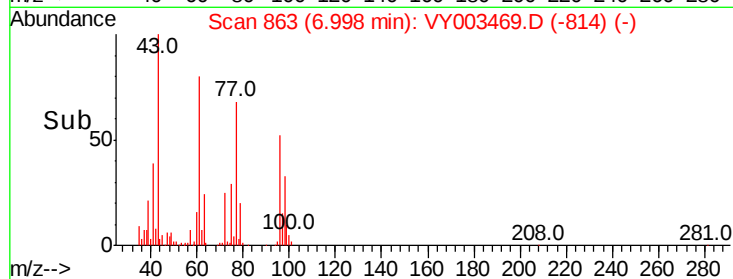
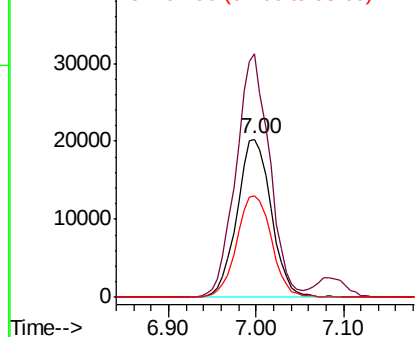
cis-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

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



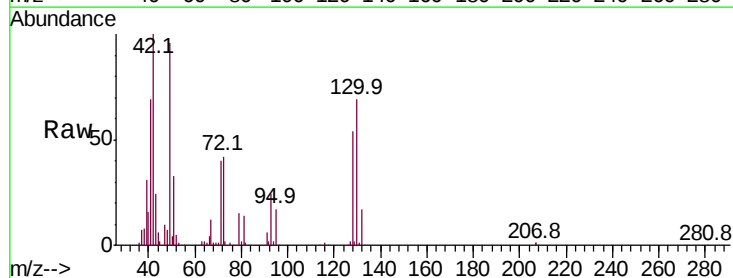
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



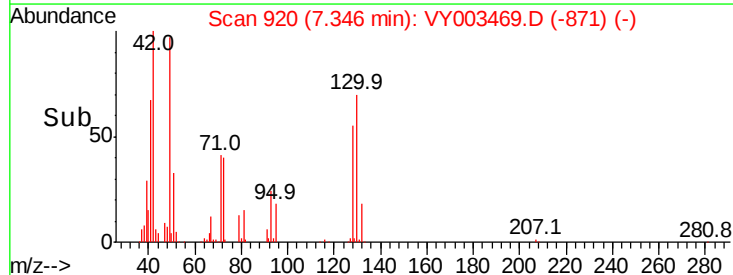
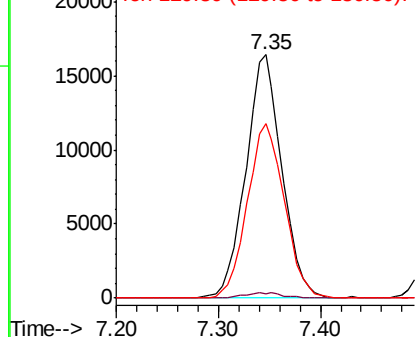
#28

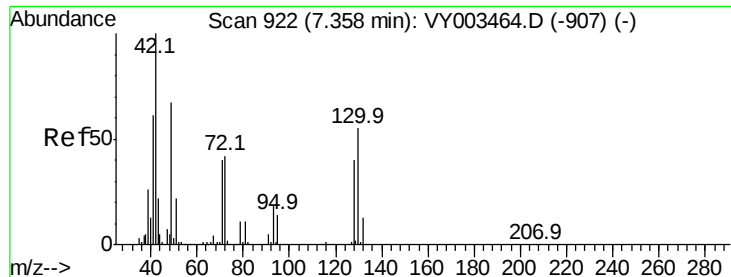
Bromochloromethane
Concen: 19.122 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

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



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#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

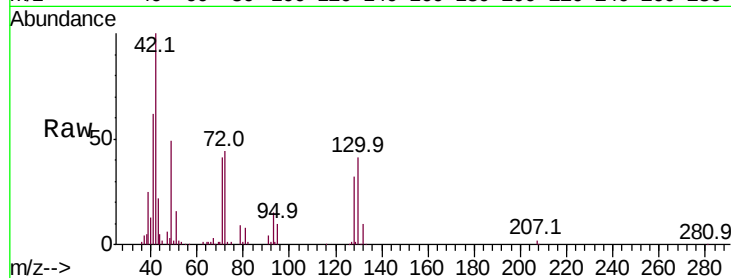
Tot Ion: 42 Resp: 58603

Ion Ratio Lower Upper

42 100

72 42.3 32.8 49.2

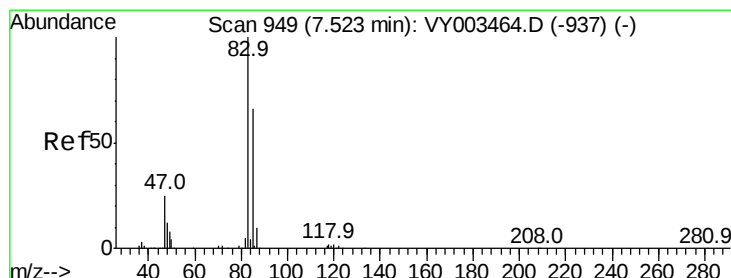
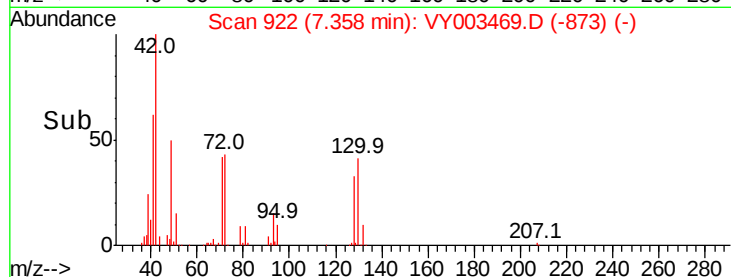
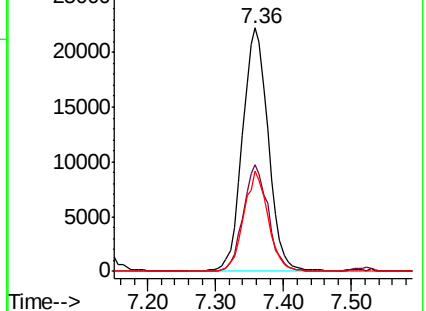
71 38.5 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY003464.D (-907) (-)

Ion 72.00 (71.70 to 72.70): VY003464.D (-907) (-)

Ion 71.00 (70.70 to 71.70): VY003464.D (-907) (-)



#30

Chloroform

Concen: 21.490 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003469.D

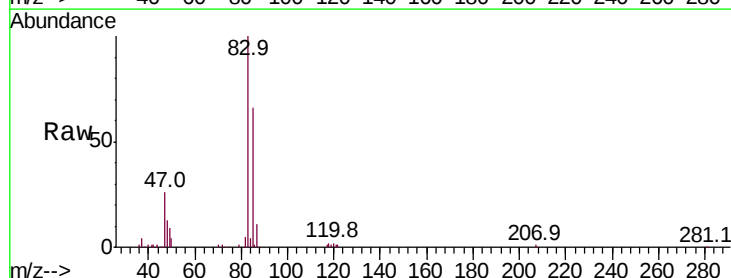
Acq: 02 Nov 2020 13:58

Tgt Ion: 83 Resp: 88590

Ion Ratio Lower Upper

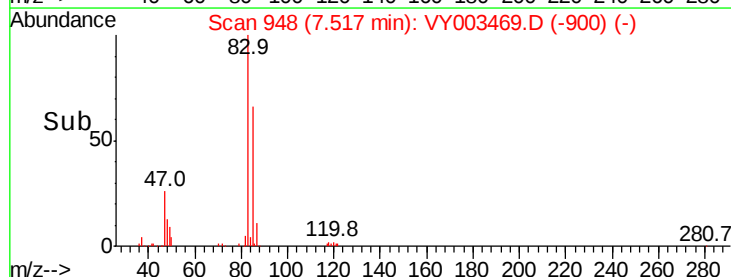
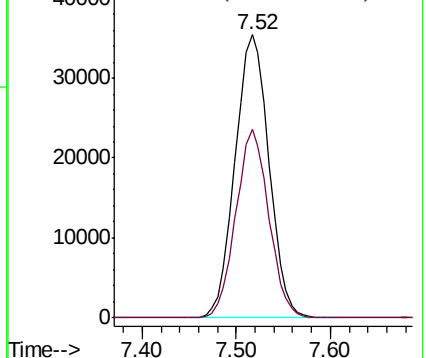
83 100

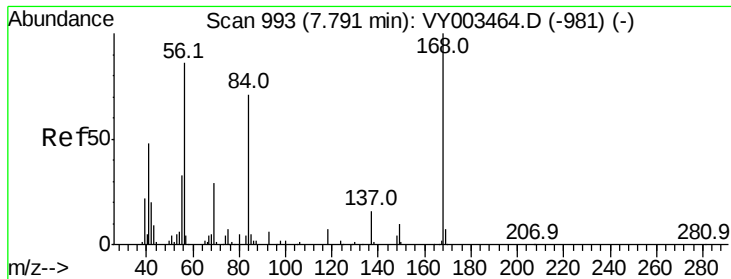
85 66.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY003464.D (-937) (-)

Ion 84.90 (84.60 to 85.60): VY003464.D (-937) (-)





#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

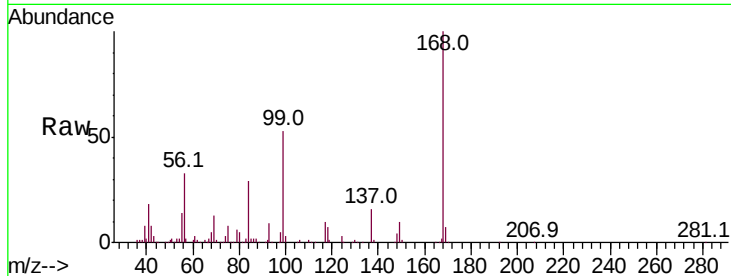
Tot Ion: 56 Resp: 82770

Ion Ratio Lower Upper

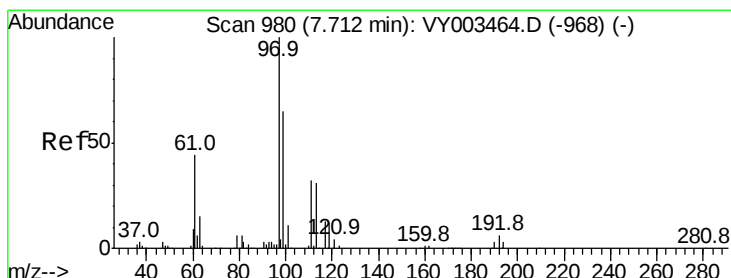
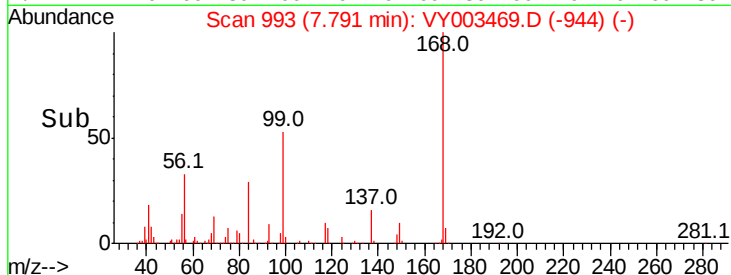
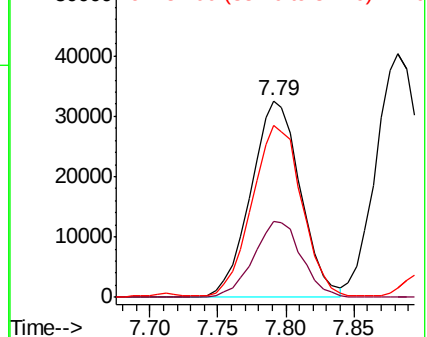
56 100

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

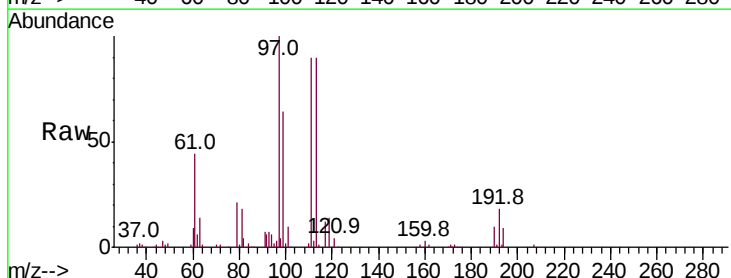
Tgt Ion: 97 Resp: 82047

Ion Ratio Lower Upper

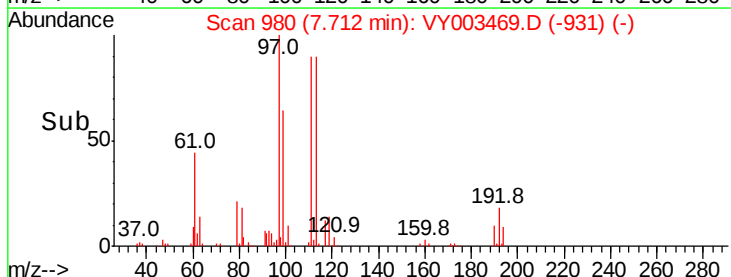
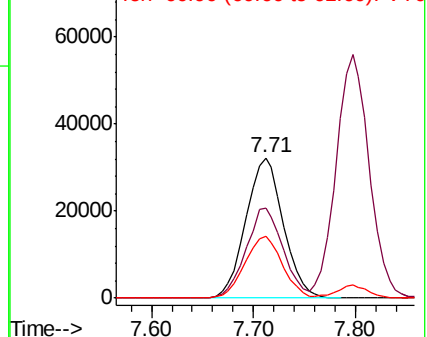
97 100

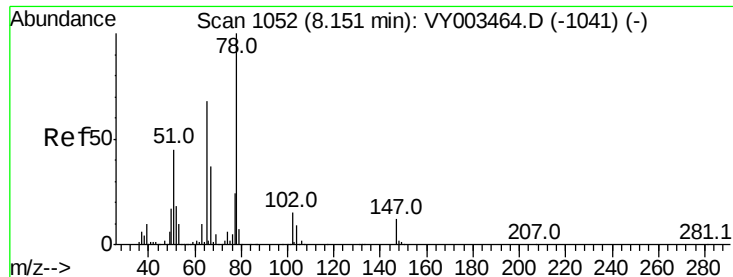
99 63.8 51.6 77.4

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 :

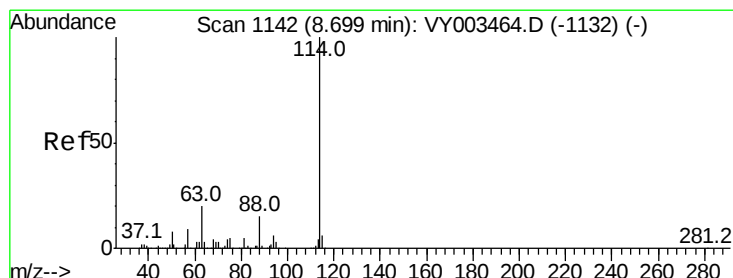
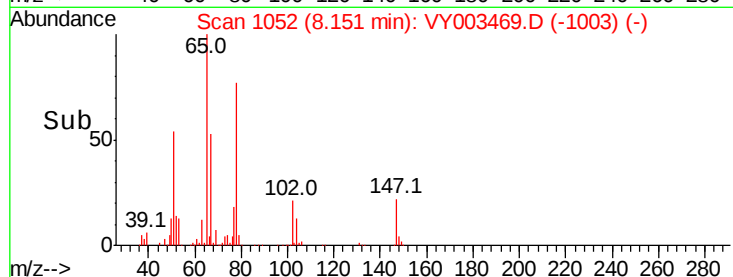
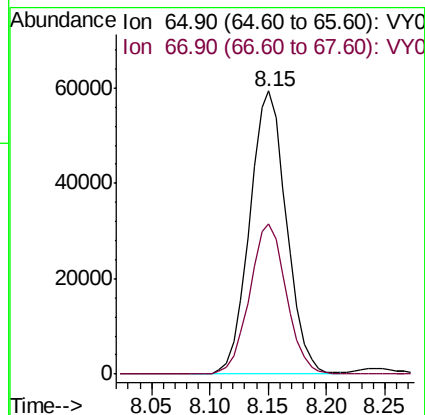
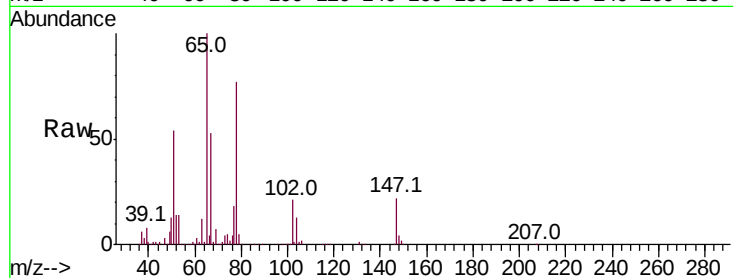
VY1102SBS01

Tot Ion: 65 Resp: 130675

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.0



#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

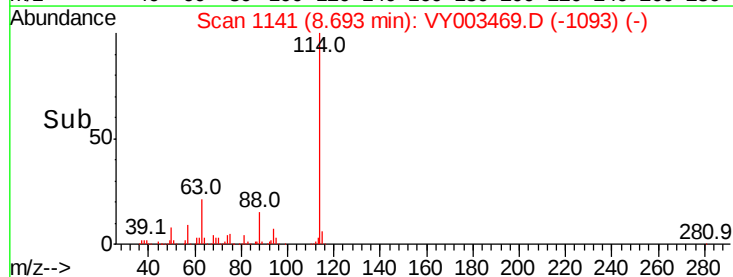
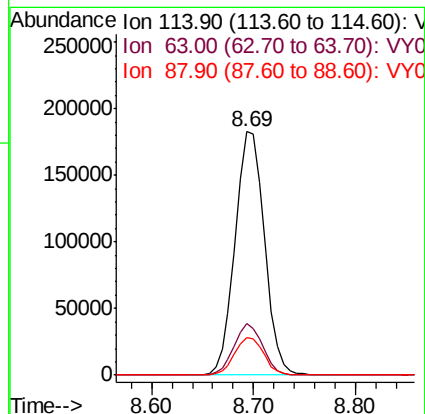
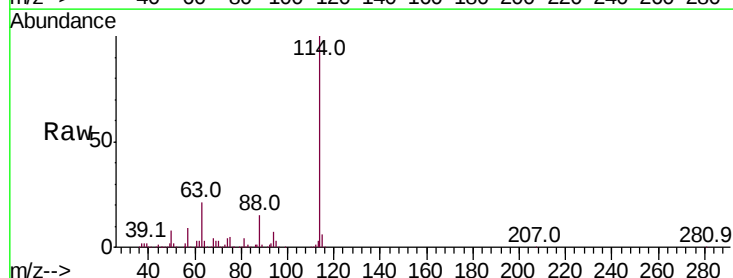
Tgt Ion: 114 Resp: 365137

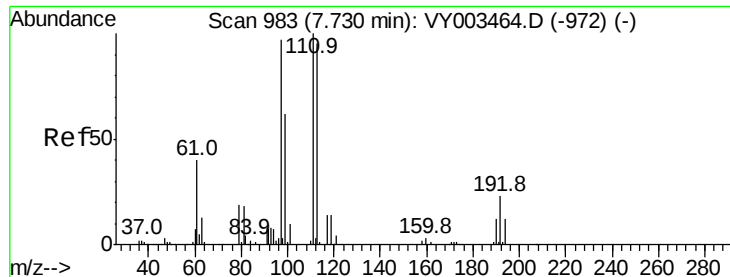
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 15.2 0.0 29.4

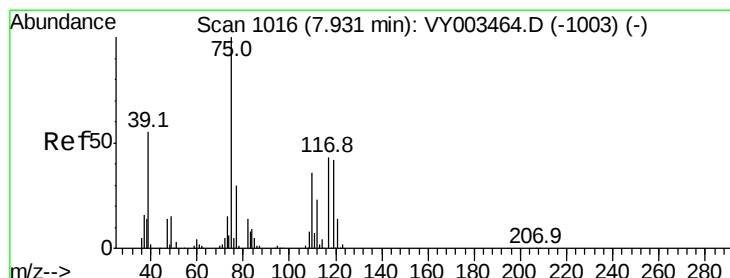
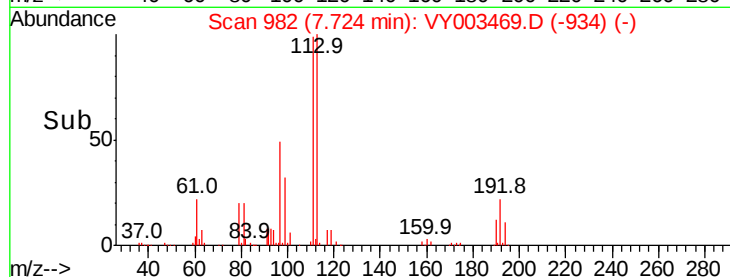
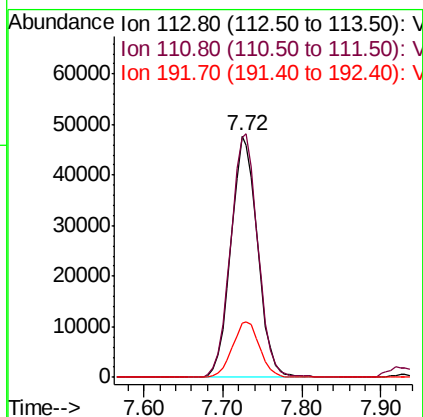
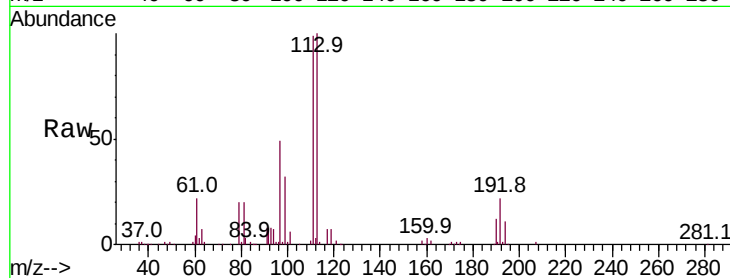




#35
Dibromofluoromethane
Concen: 50.324 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

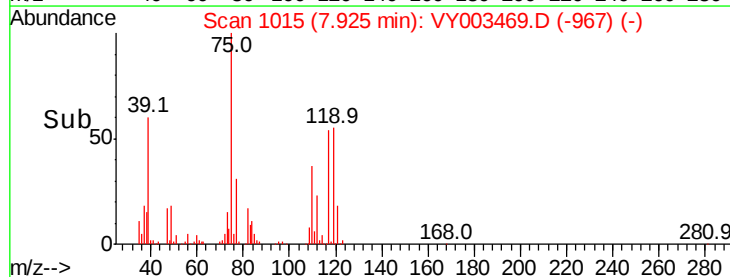
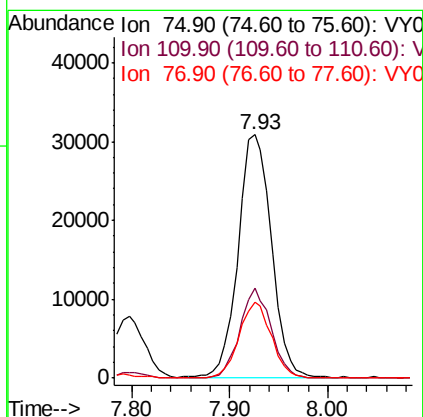
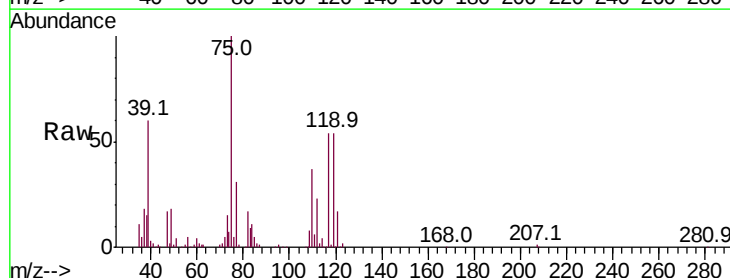
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

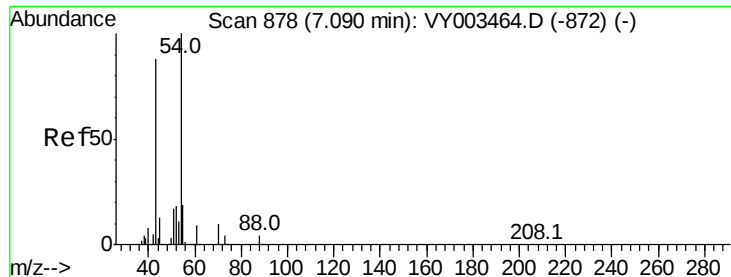
Tot Ion:113 Resp: 111817
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 23.4 18.8 28.2



#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

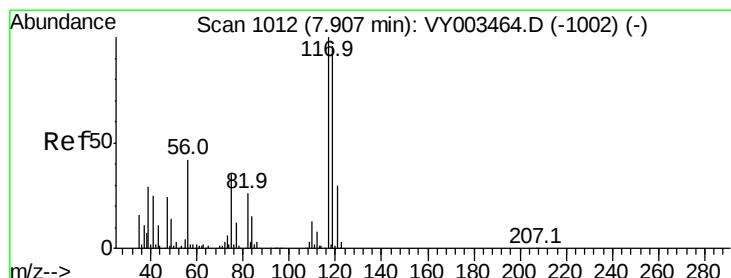
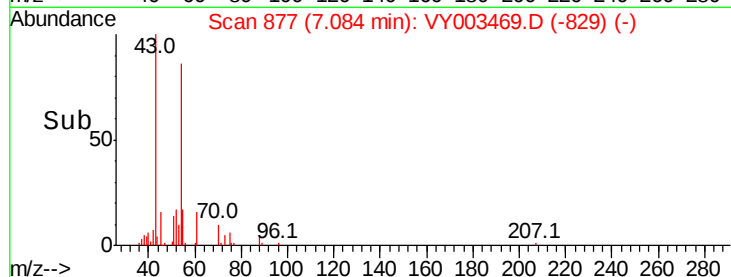
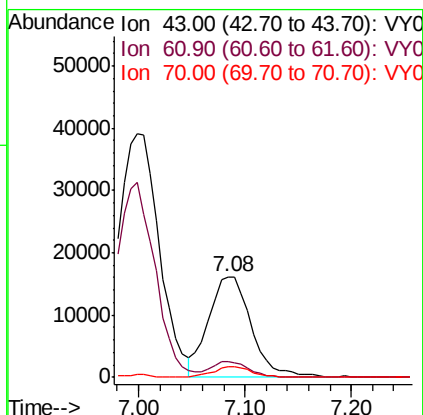
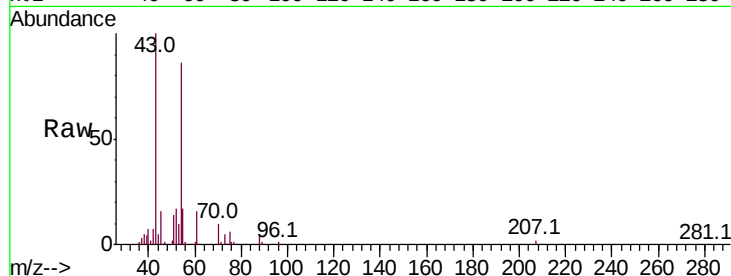




#37
Ethyl Acetate
Concen: 20.735 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

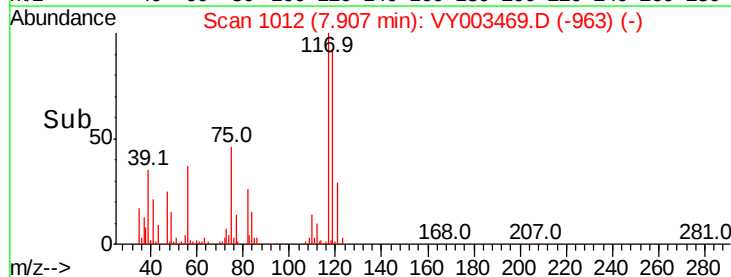
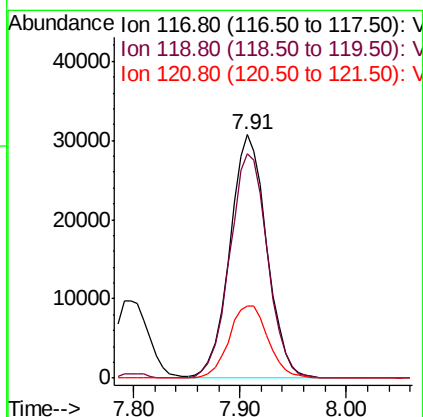
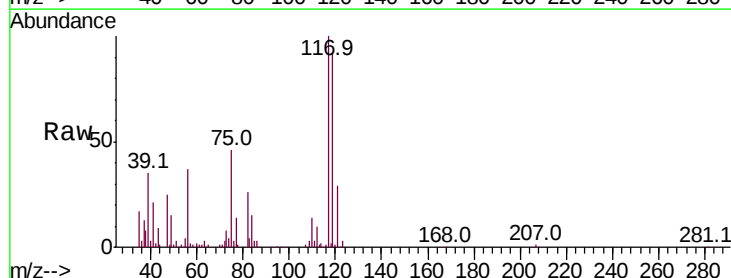
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

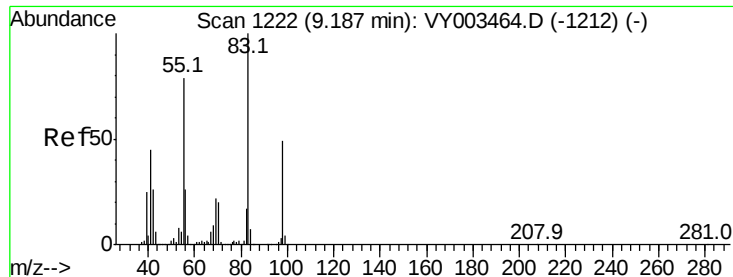
Tot Ion: 43 Resp: 44327
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 9.8 7.9 11.9



#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

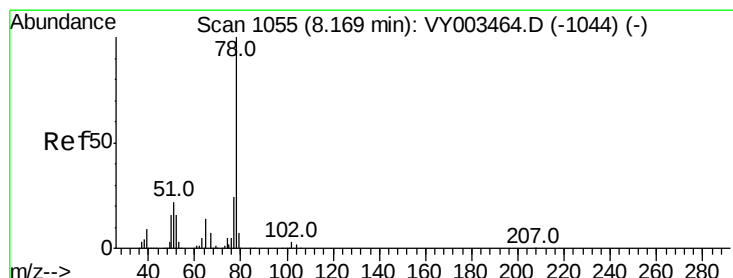
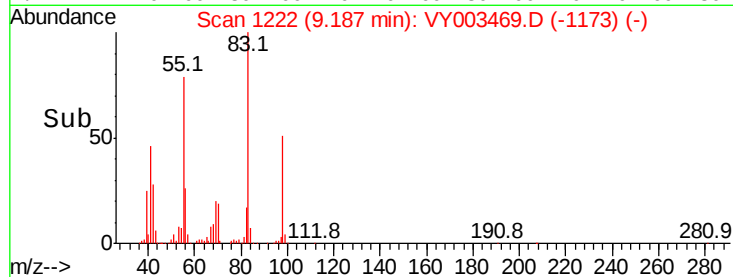
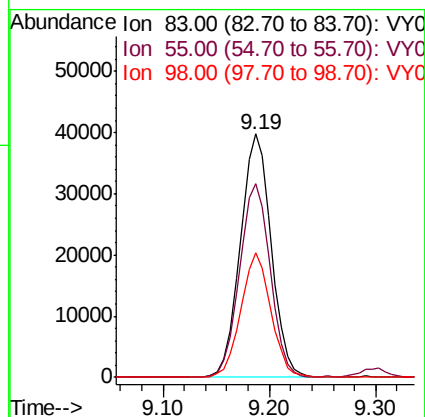
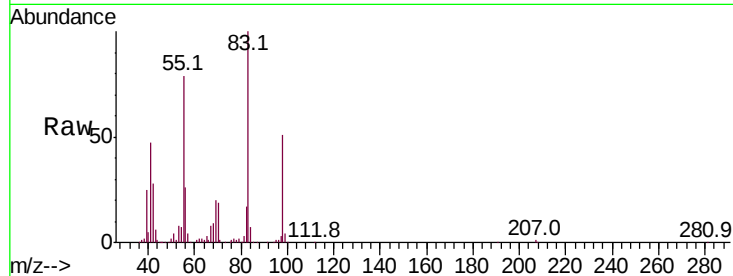




#39
Methvlcvclohexane
Concen: 21.120 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

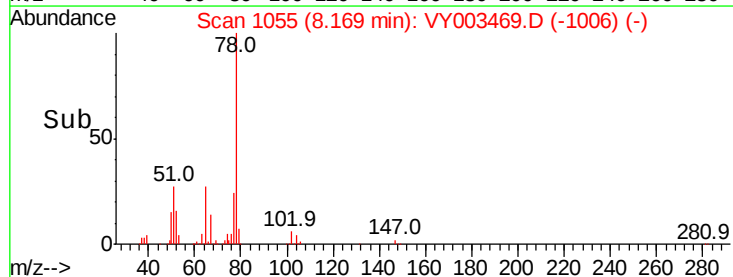
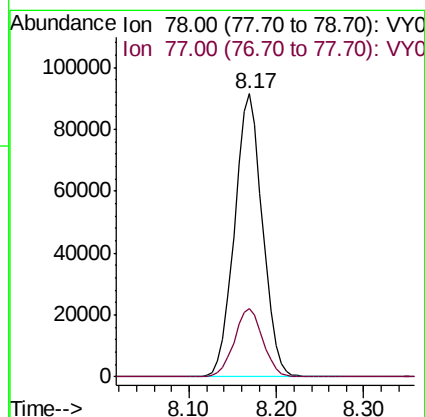
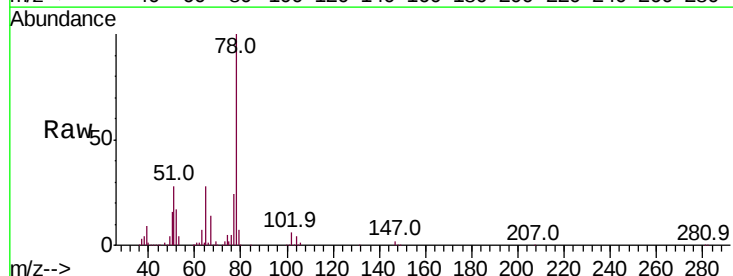
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

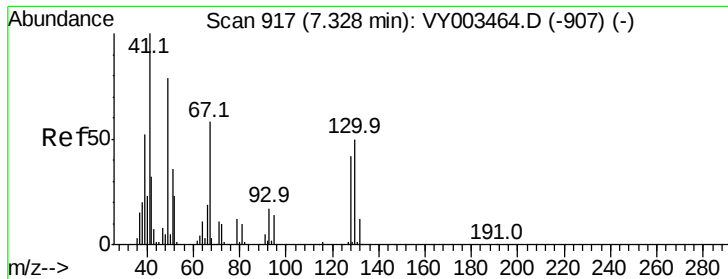
Tot Ion: 83 Resp: 80961
Ion Ratio Lower Upper
83 100
55 79.5 63.5 95.3
98 51.2 39.4 59.2



#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

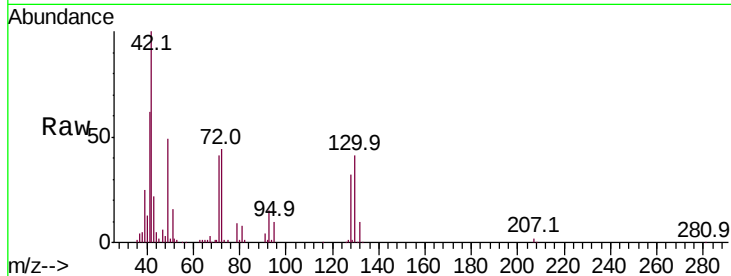




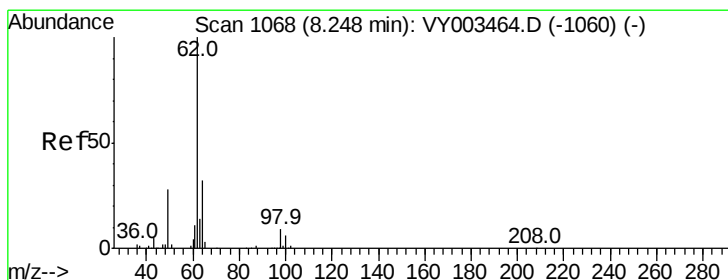
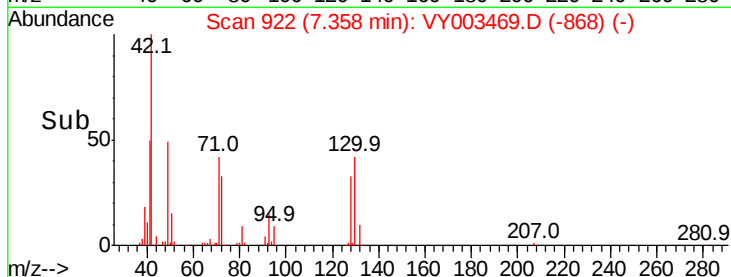
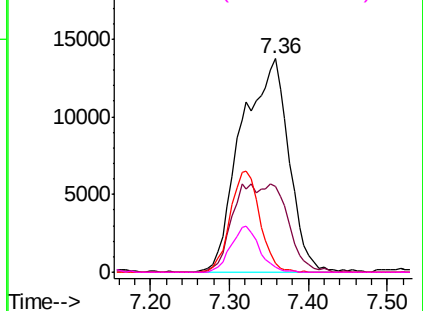
#41
Methacrylonitrile
Concen: 50.324 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

Tot Ion:	41	Resp:	57449
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

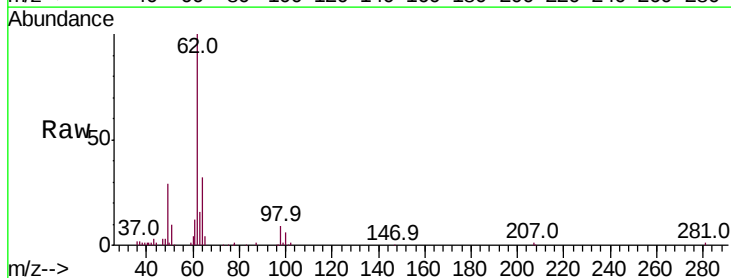


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

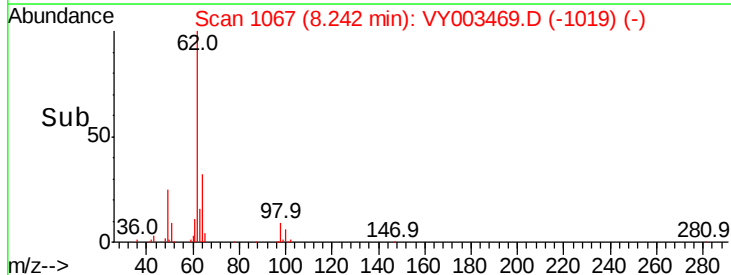
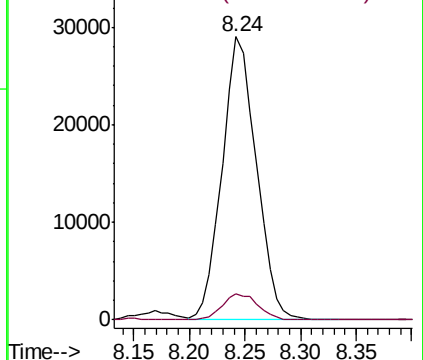


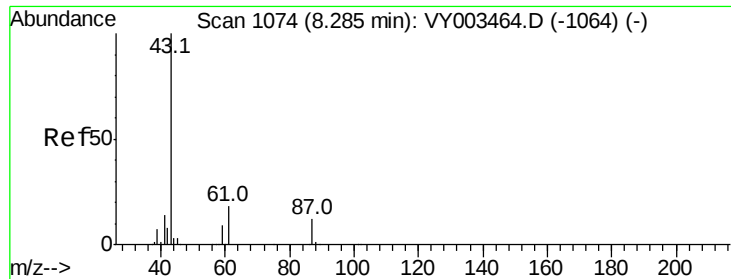
#42
1,2-Dichloroethane
Concen: 20.680 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

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

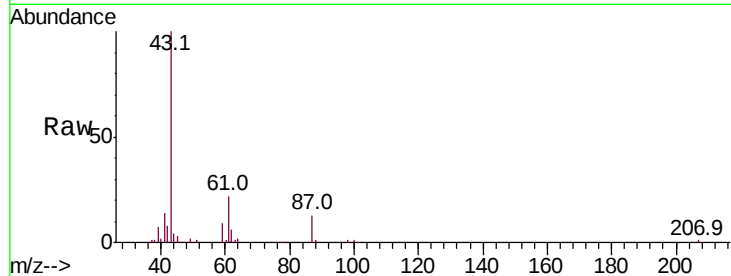
Tot Ion: 43 Resp: 78946

Ion Ratio Lower Upper

43 100

61 28.5 21.9 32.9

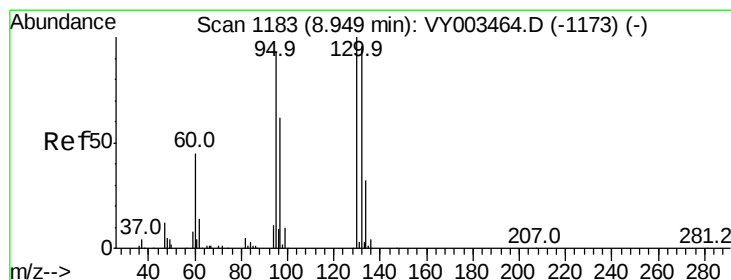
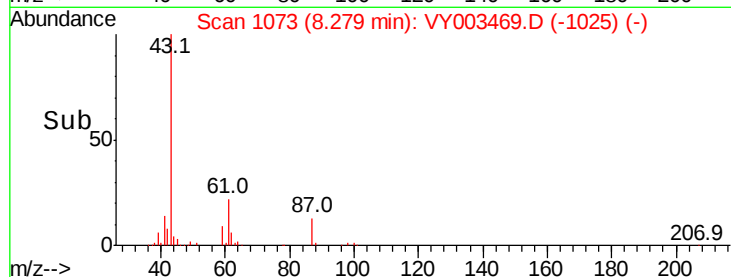
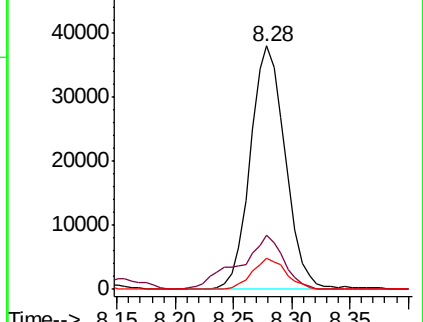
87 12.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003464.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003464.D (-1064) (-)



#44

Trichloroethene

Concen: 20.780 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003469.D

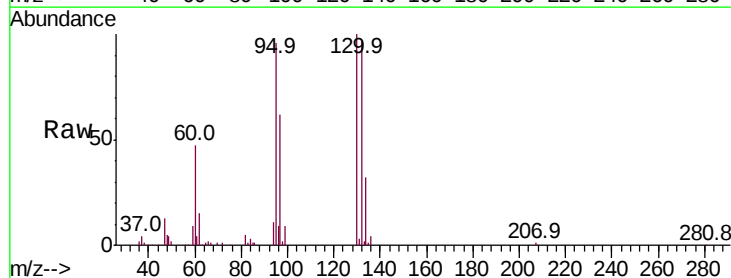
Acq: 02 Nov 2020 13:58

Tgt Ion:130 Resp: 55890

Ion Ratio Lower Upper

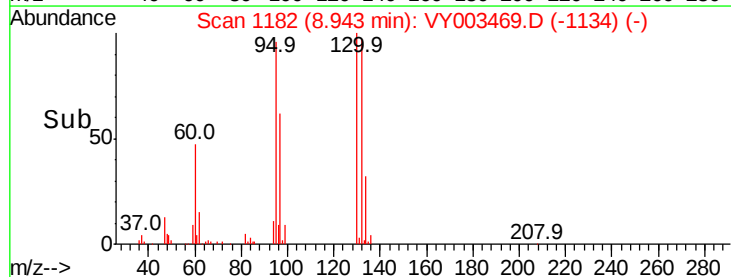
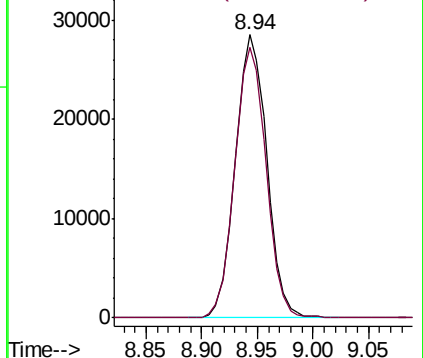
130 100

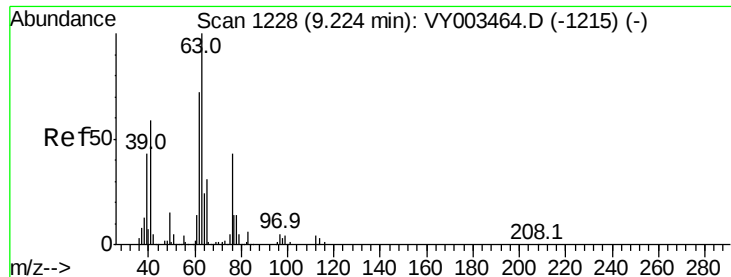
95 95.8 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003464.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY003464.D (-1173) (-)





#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 :

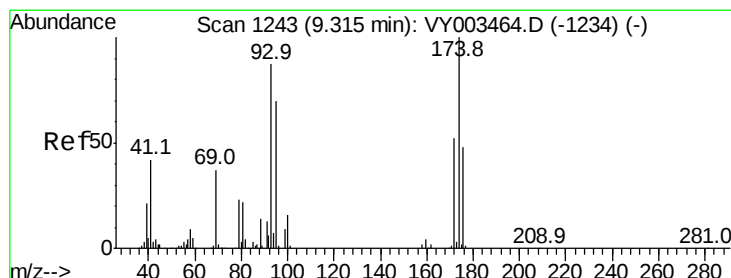
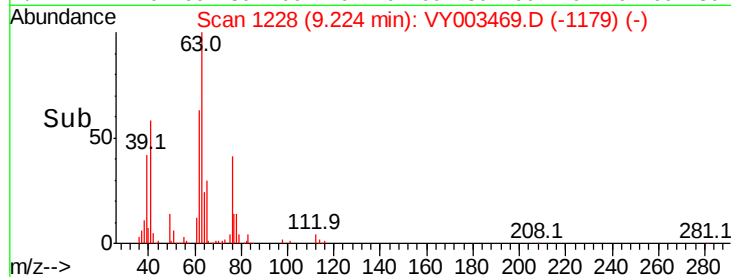
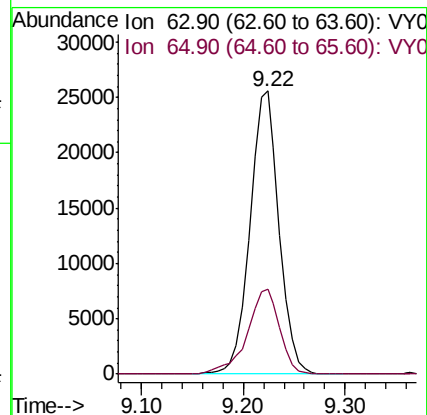
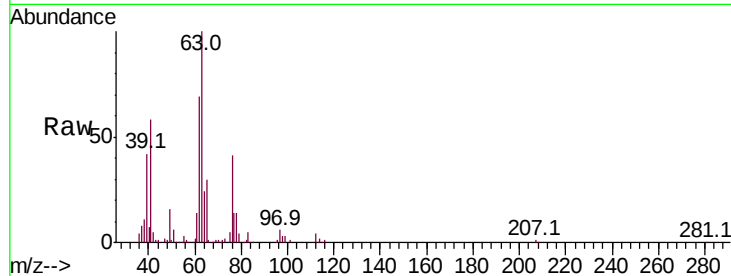
VY1102SBS01

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

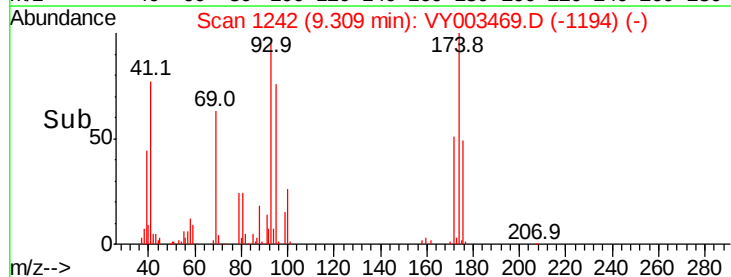
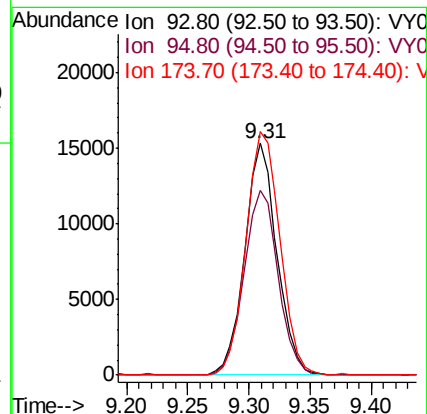
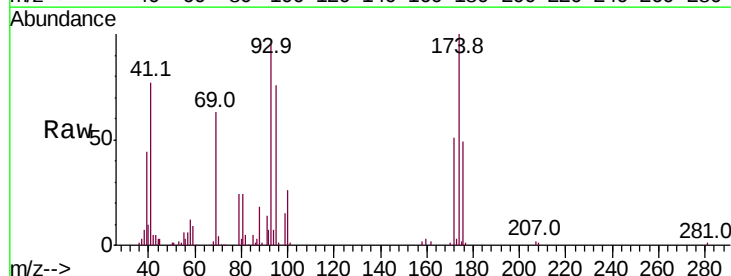
Tgt Ion: 93 Resp: 28017

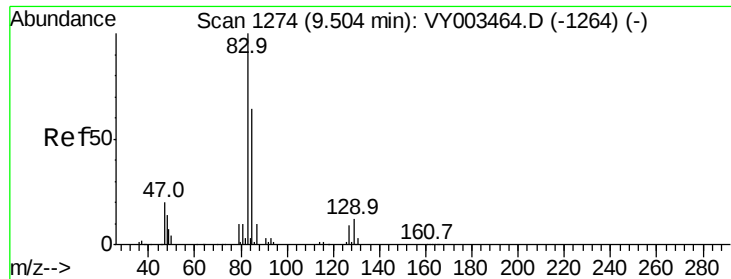
Ion Ratio Lower Upper

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

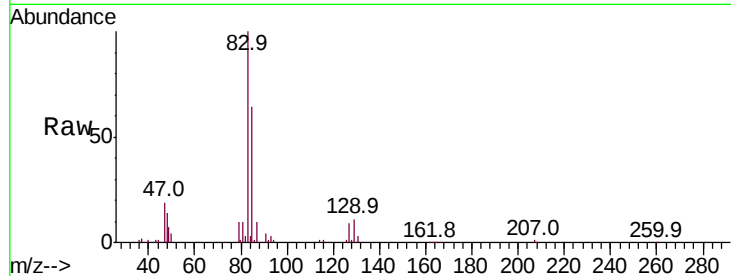
Tot Ion: 83 Resp: 68290

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

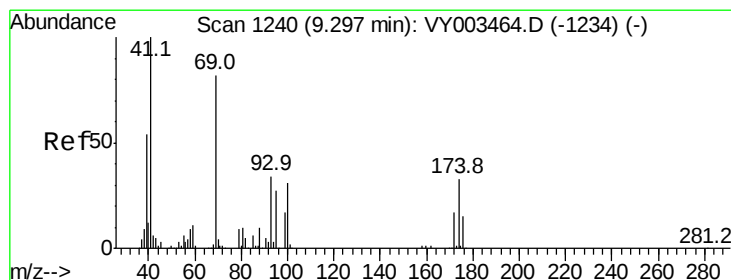
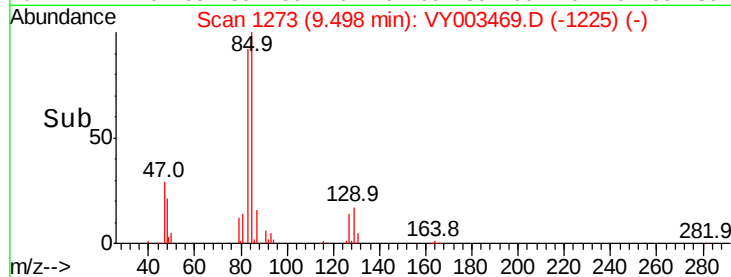
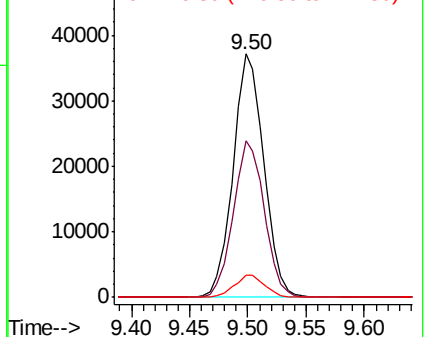
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003469.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY003469.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY003469.D (-1225) (-)



#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

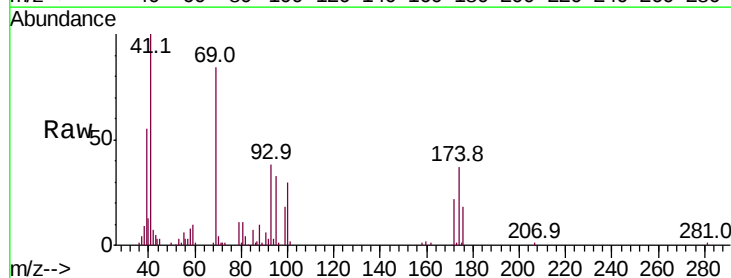
Tgt Ion: 41 Resp: 37927

Ion Ratio Lower Upper

41 100

69 83.9 65.9 98.9

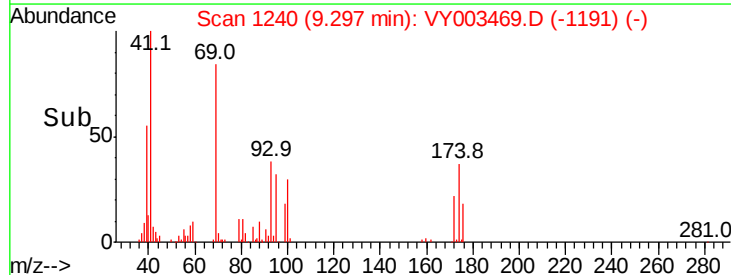
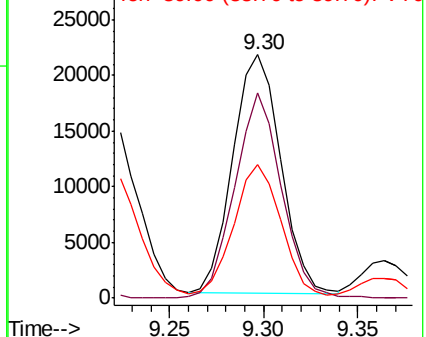
39 56.4 43.2 64.8

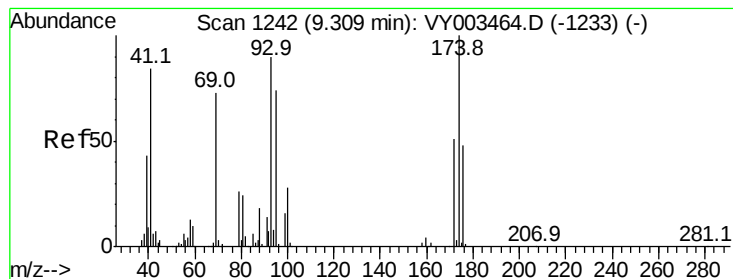


Abundance Ion 41.00 (40.70 to 41.70): VY003469.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY003469.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY003469.D (-1191) (-)





#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

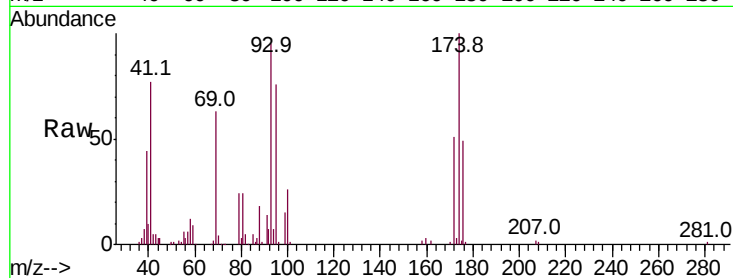
Tot Ion: 88 Resp: 7012

Ion Ratio Lower Upper

88 100

43 31.9 27.6 41.4

58 74.2 54.2 81.2

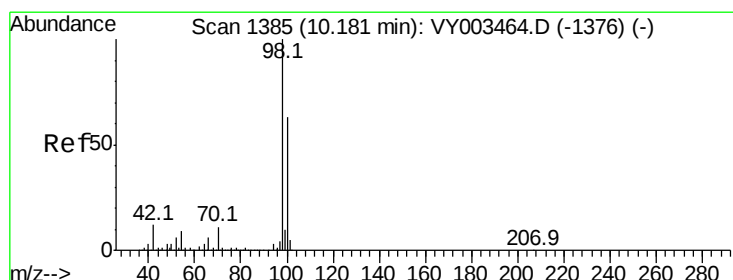
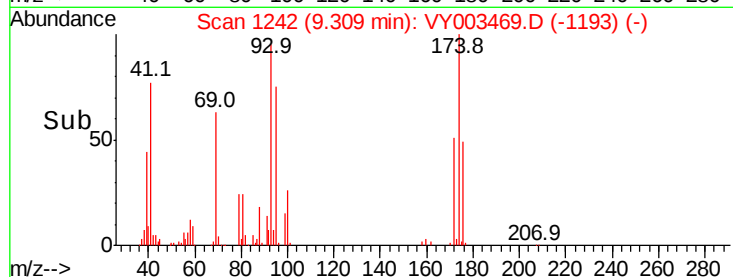
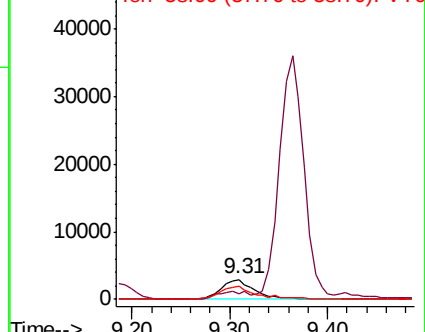


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 49.991 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003469.D

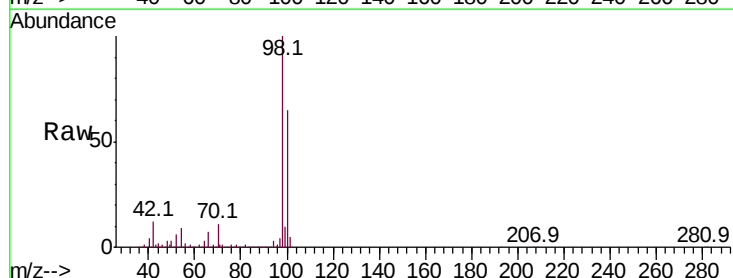
Acq: 02 Nov 2020 13:58

Tgt Ion: 98 Resp: 462090

Ion Ratio Lower Upper

98 100

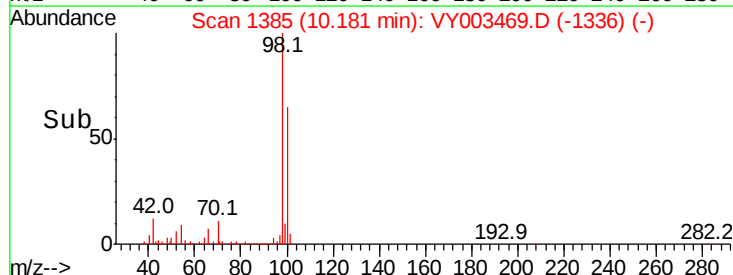
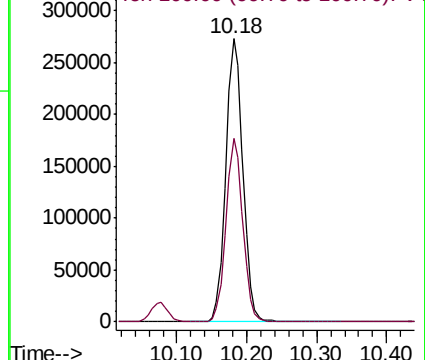
100 63.9 50.9 76.3

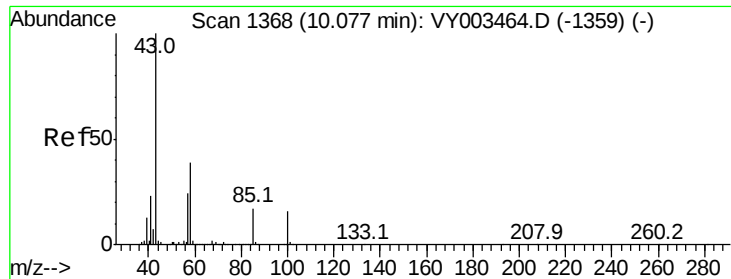


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

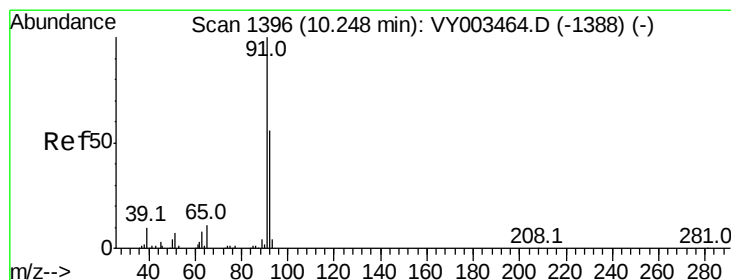
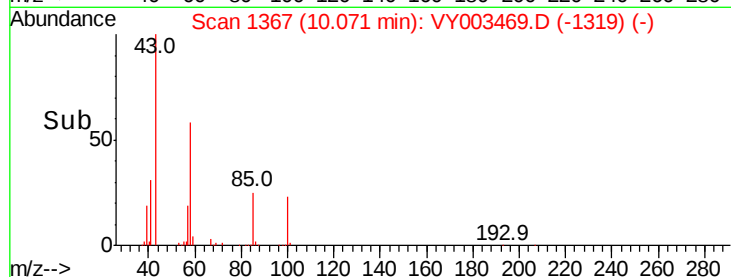
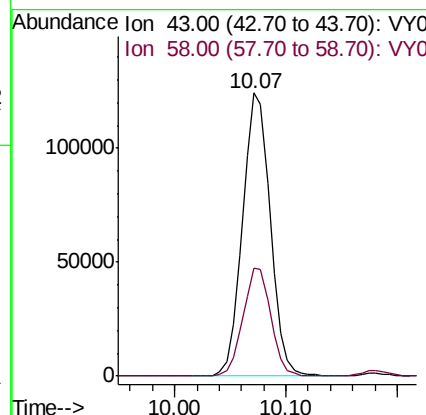
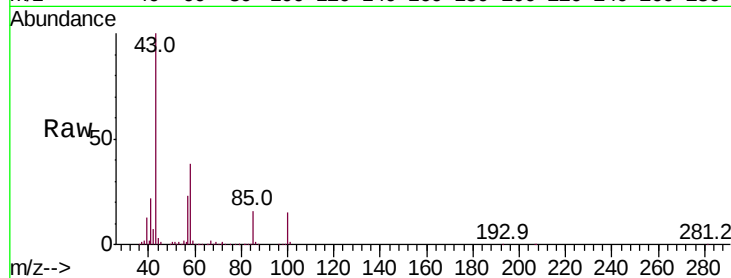




#51
4-Methyl-2-Pentanone
Concen: 104.780 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

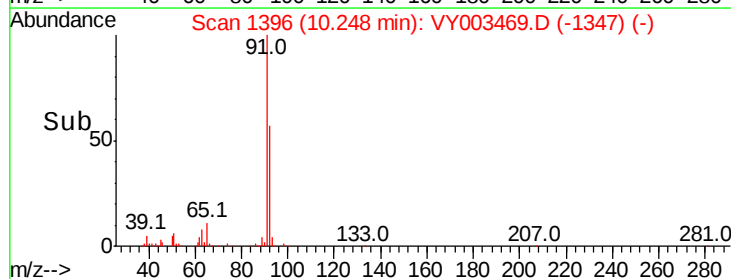
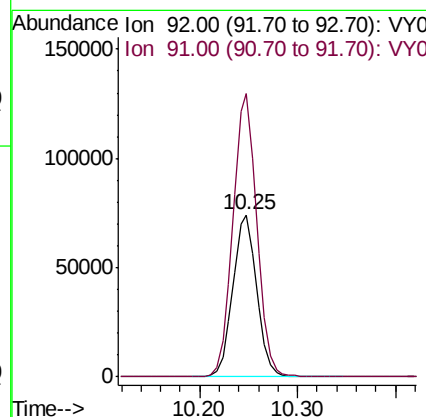
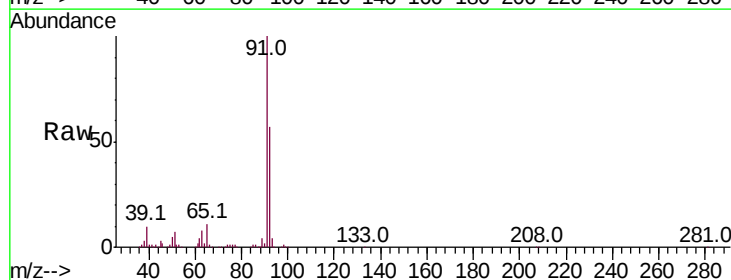
Instrument :
MSVOA_Y
ClientSampled :
VY1102SBS01

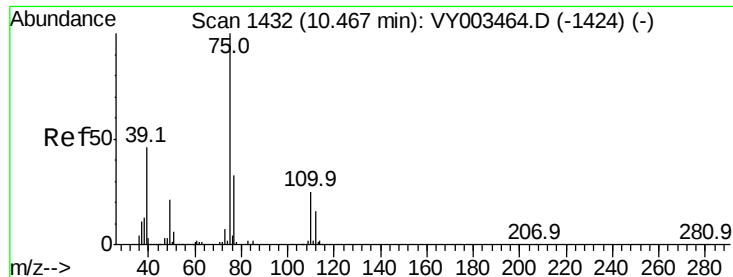
Tot Ion: 43 Resp: 214480
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.4



#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





#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 :

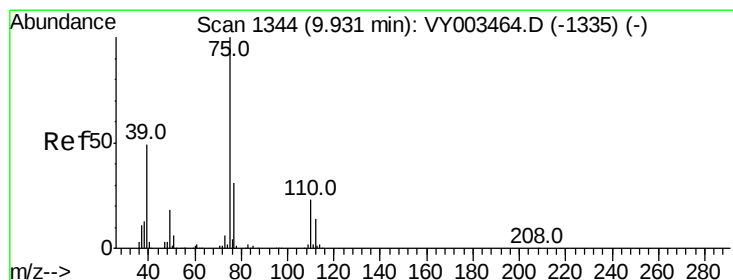
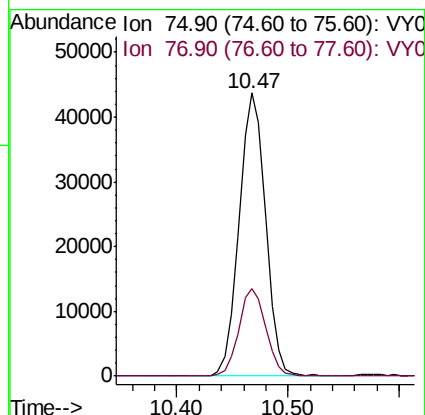
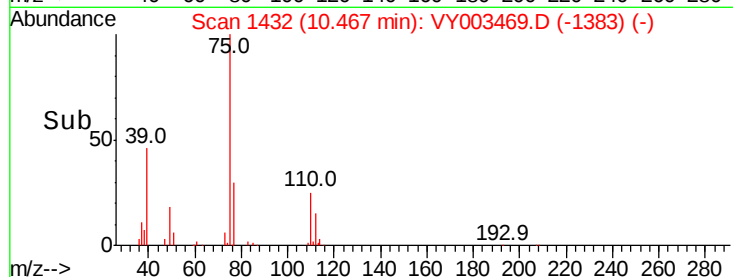
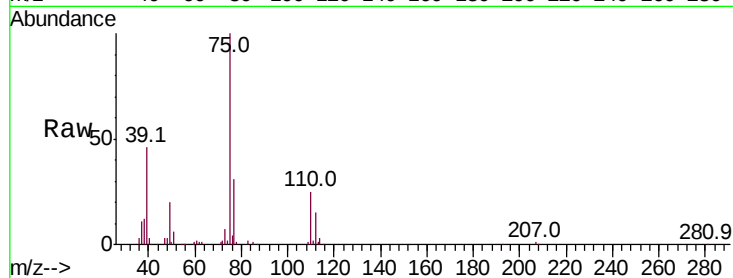
VY1102SBS01

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

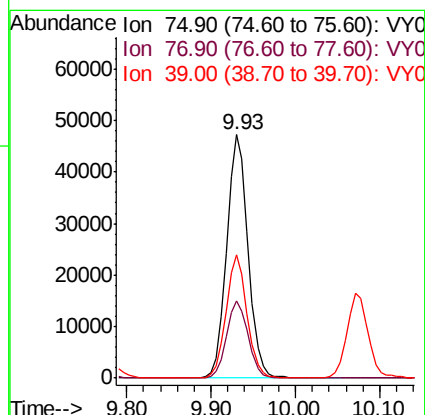
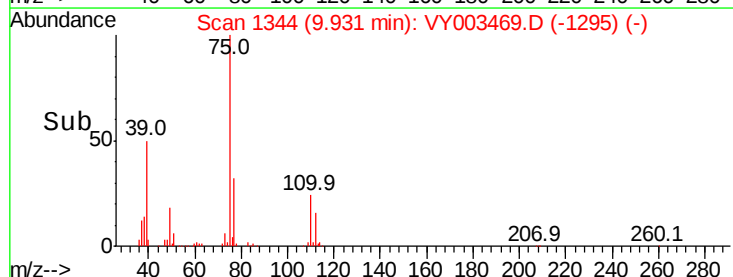
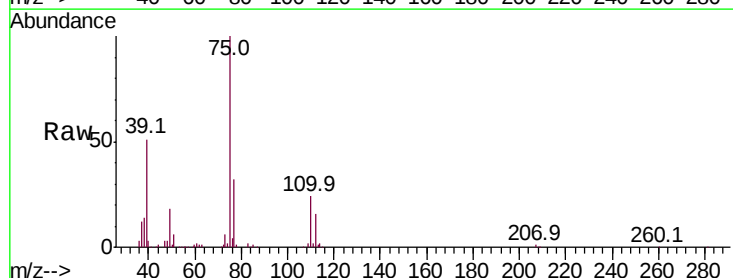
Tgt Ion: 75 Resp: 81935

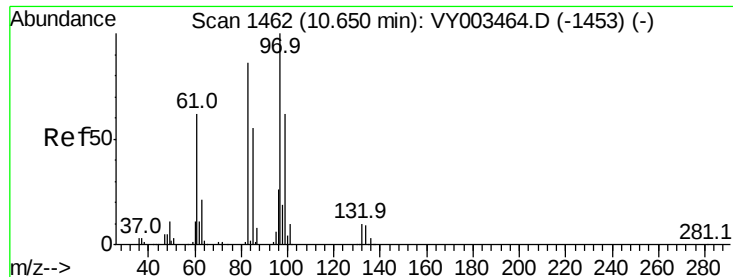
Ion Ratio Lower Upper

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

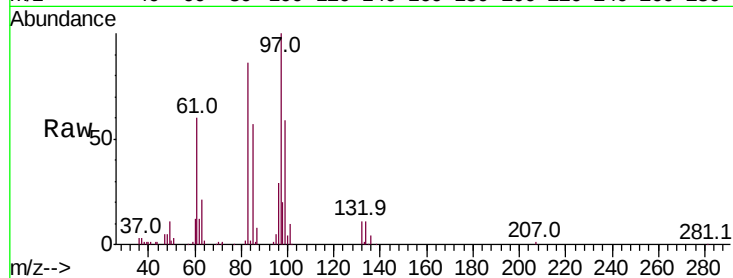
Ion Ratio Lower Upper

97 100

83 85.6 68.6 102.8

85 56.8 43.8 65.6

99 58.6 49.9 74.9

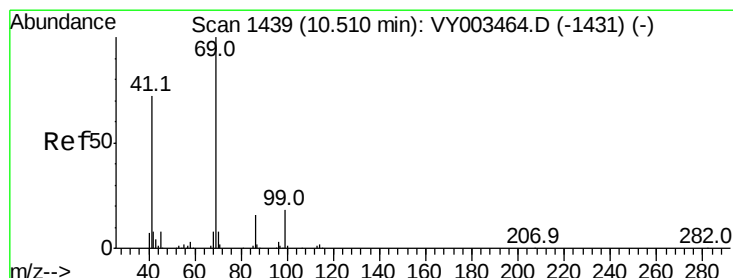
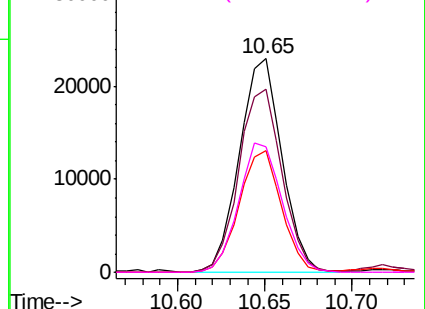
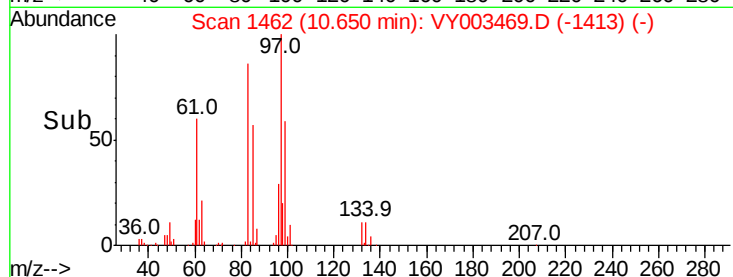


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.220 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003469.D

Acq: 02 Nov 2020 13:58

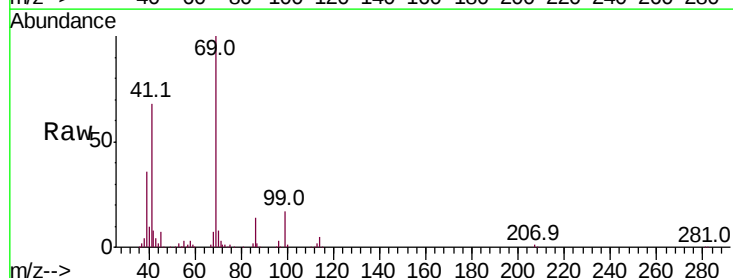
Tgt Ion: 69 Resp: 53705

Ion Ratio Lower Upper

69 100

41 68.3 55.4 83.2

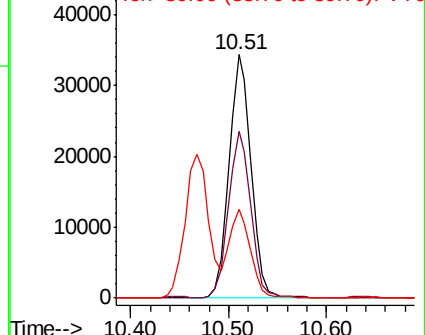
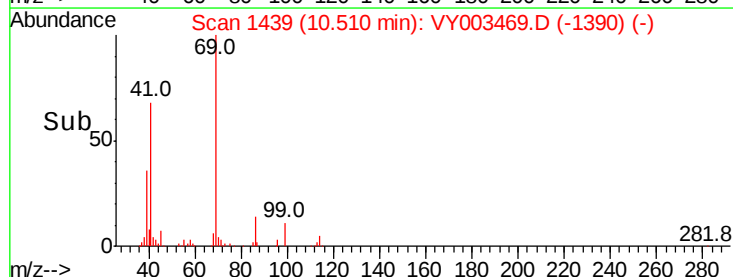
39 35.1 28.7 43.1

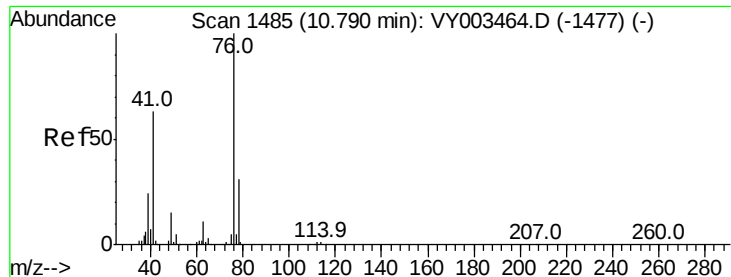


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 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 :

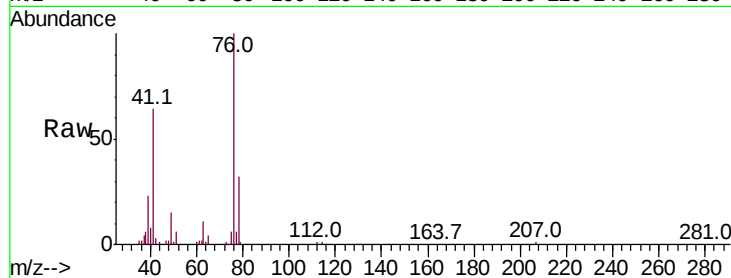
VY1102SBS01

Tot Ion: 76 Resp: 69581

Ion Ratio Lower Upper

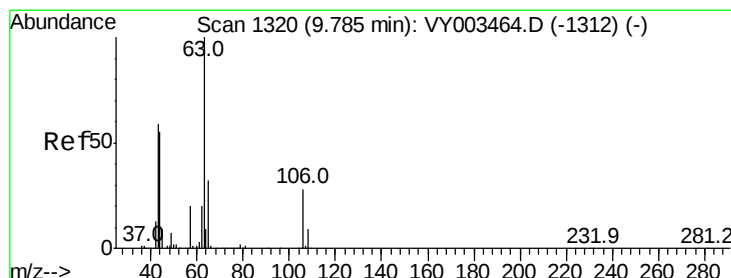
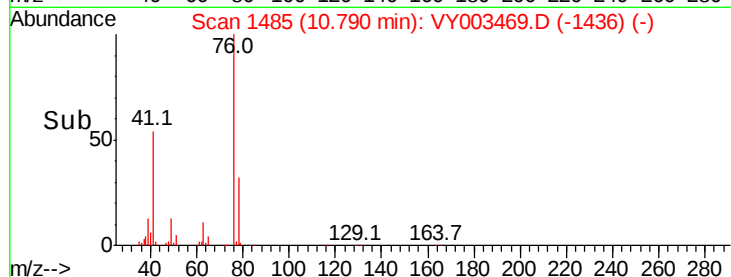
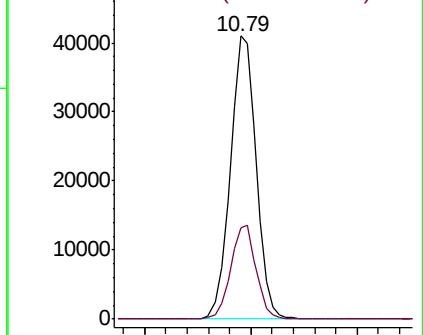
76 100

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

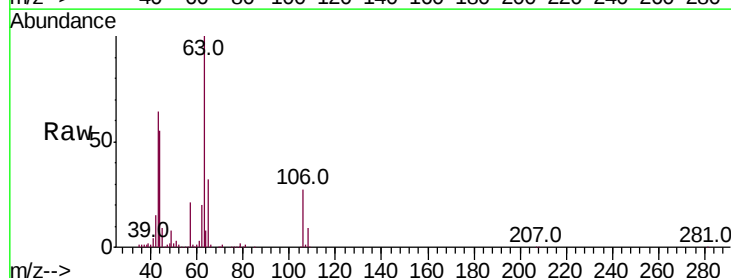
Acq: 02 Nov 2020 13:58

Tgt Ion: 63 Resp: 139222

Ion Ratio Lower Upper

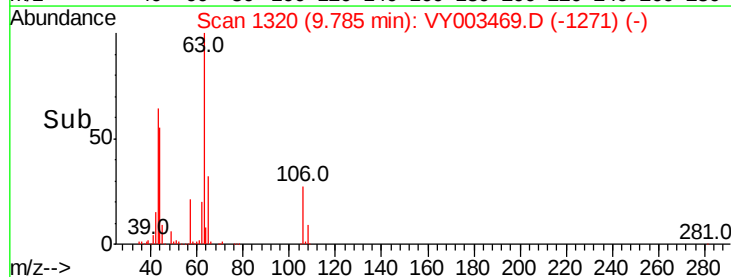
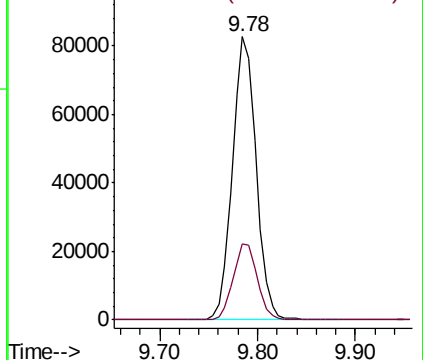
63 100

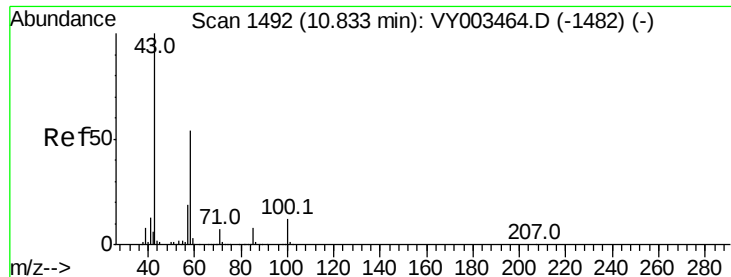
106 27.3 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

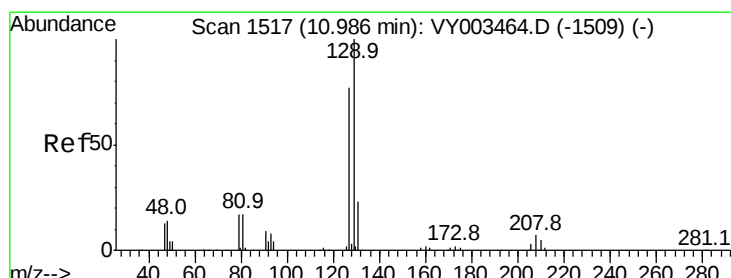
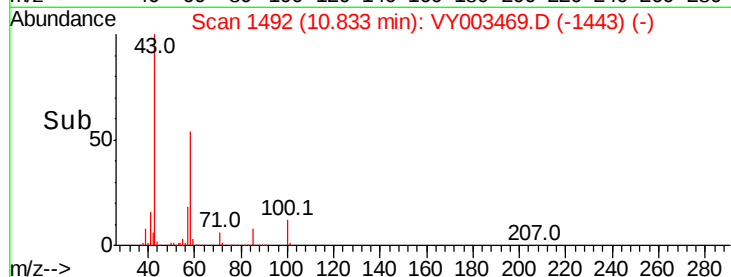
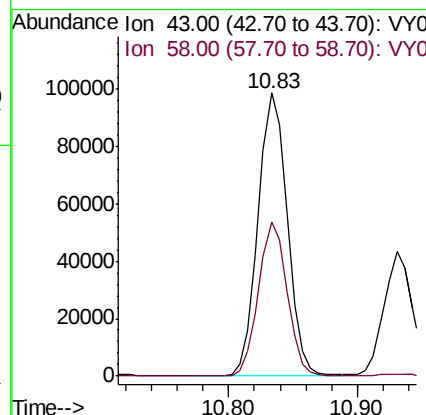
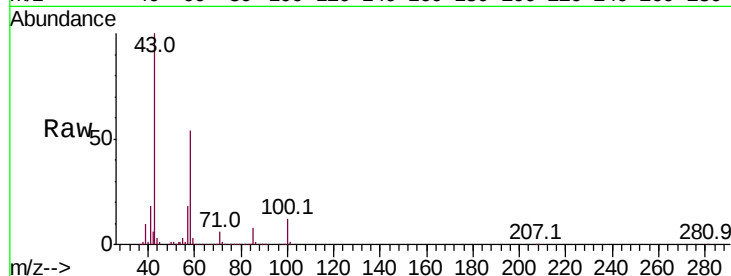




#59
2-Hexanone
Concen: 102.001 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

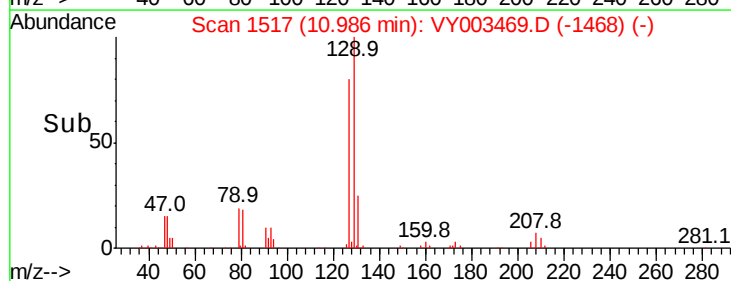
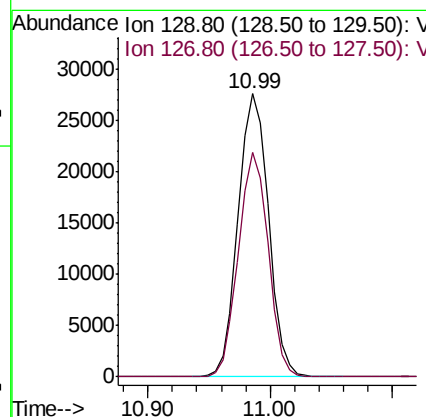
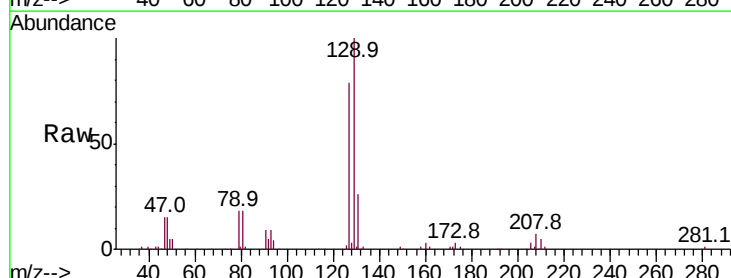
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

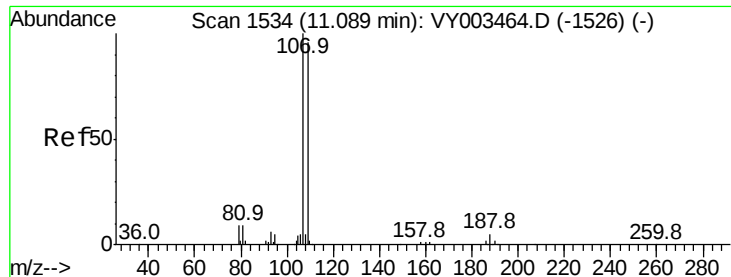
Tot Ion: 43 Resp: 154592
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3



#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

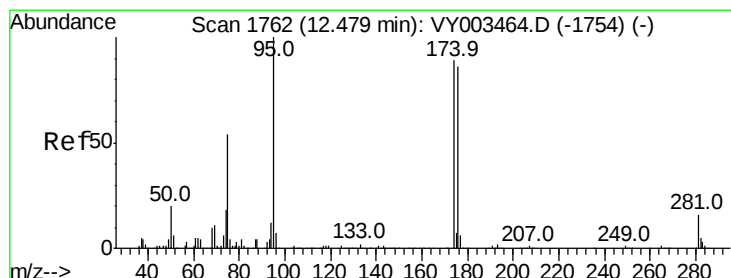
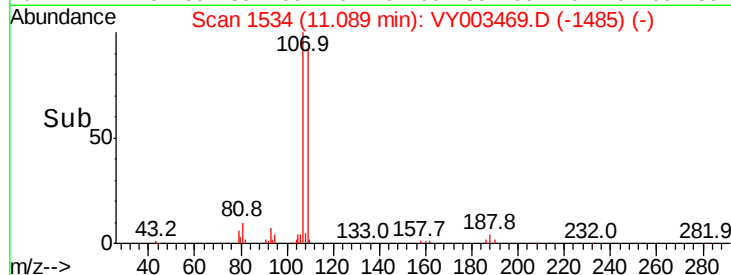
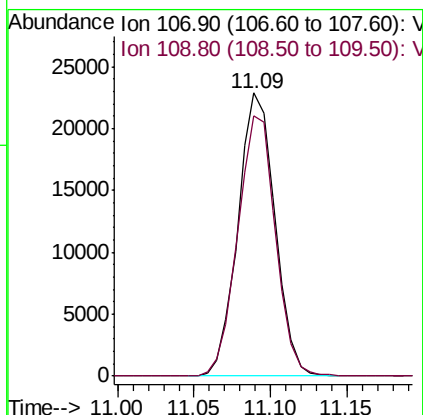
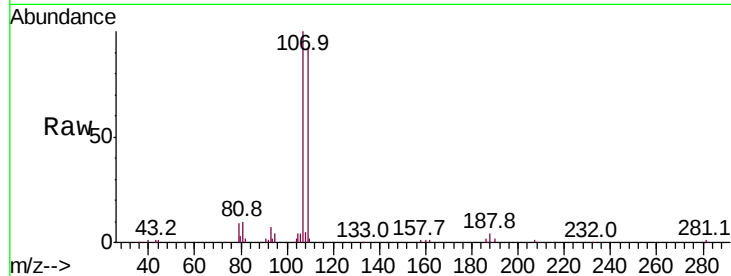




#61
 1,2-Dibromoethane
 Concen: 21.043 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

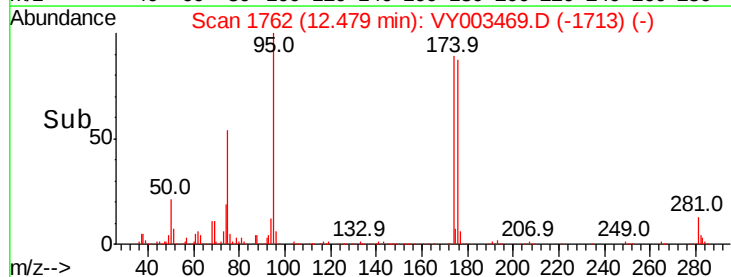
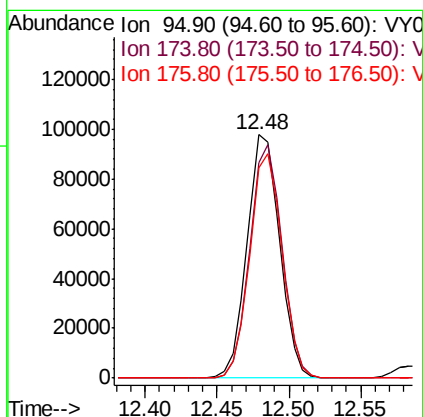
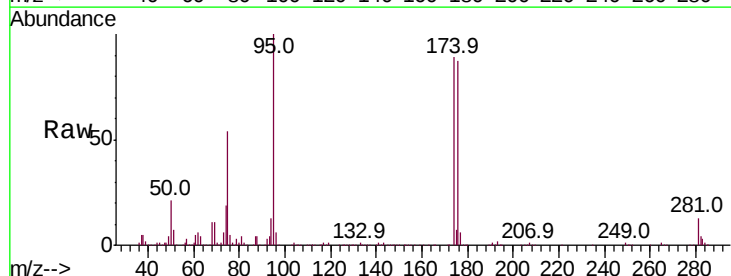
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

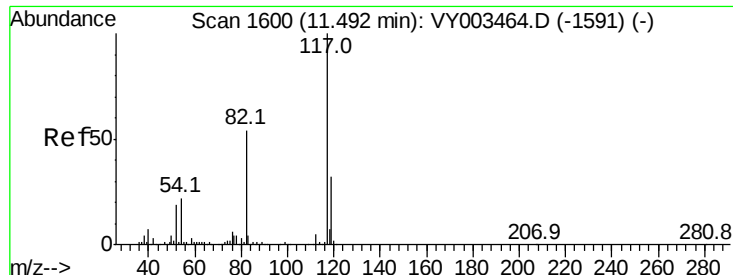
Tot Ion:107 Resp: 38386
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7



#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

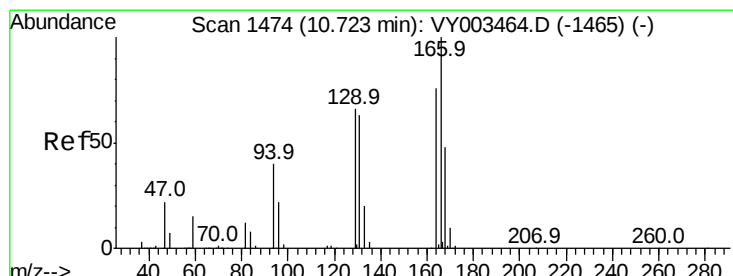
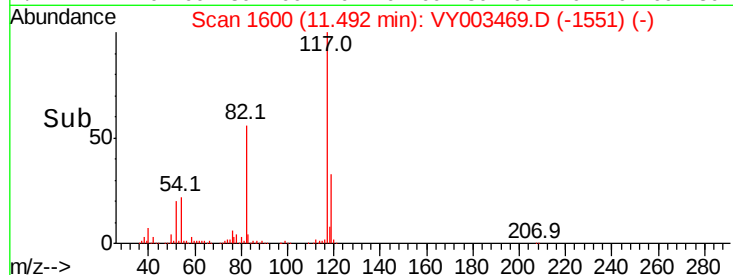
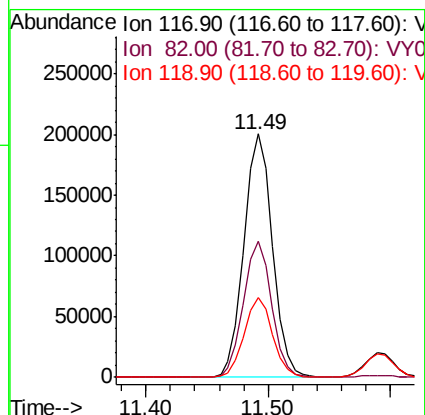
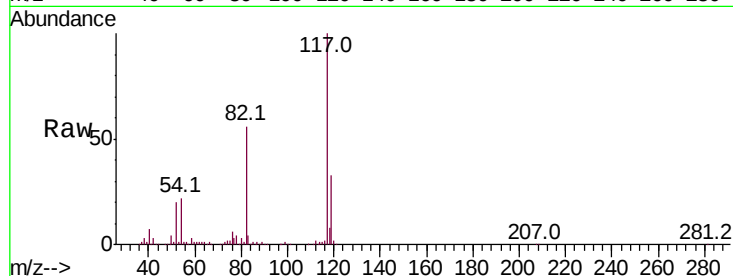




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

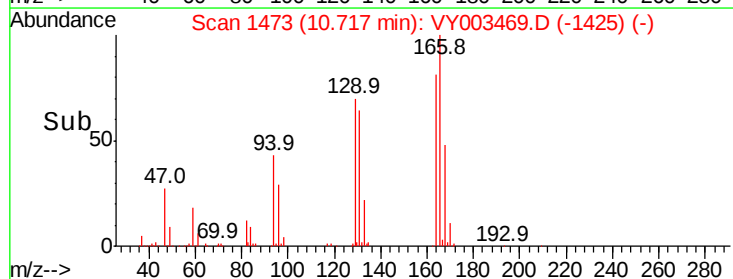
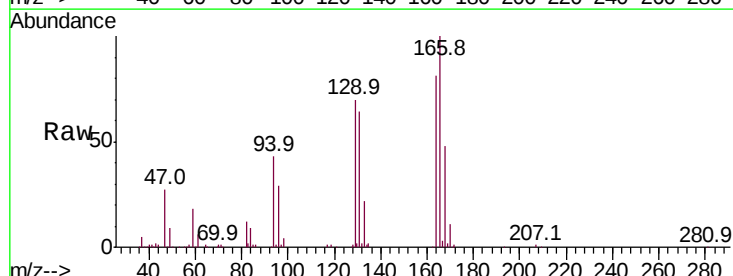
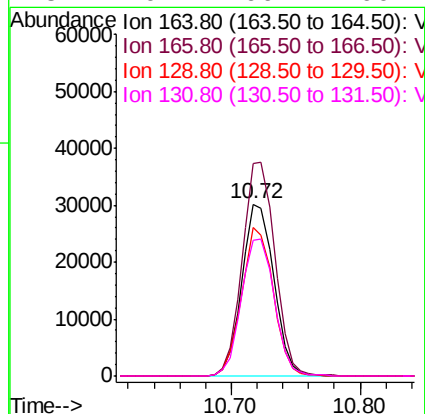
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

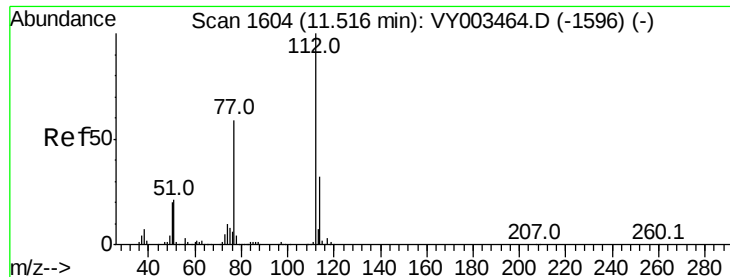
Tot Ion:117 Resp: 325078
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.2
119 32.8 25.8 38.6



#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 :

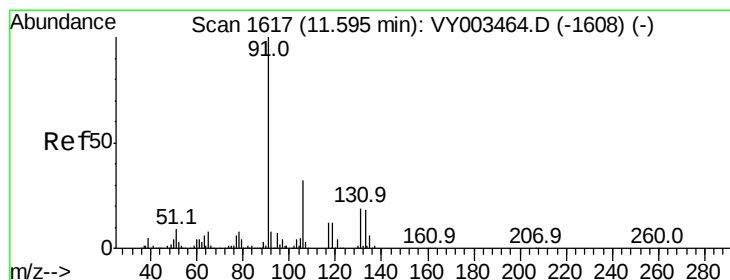
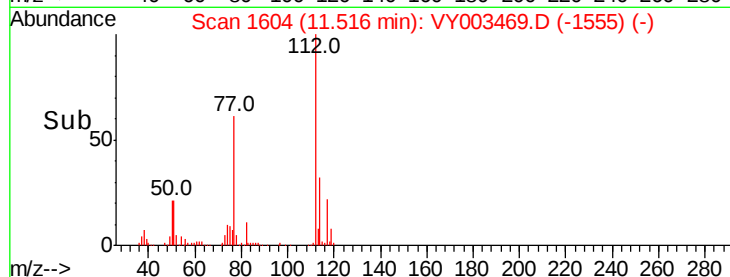
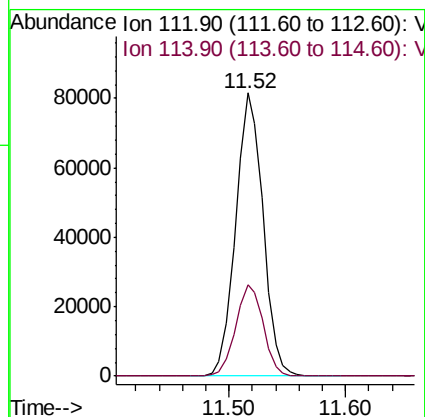
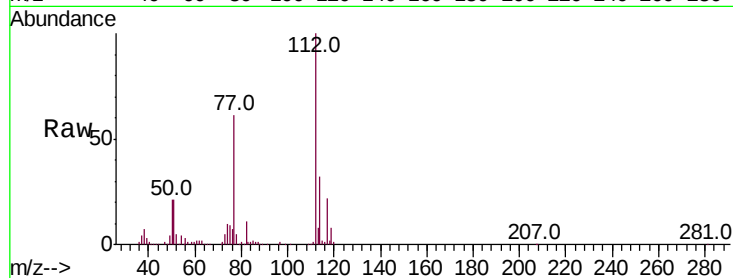
VY1102SBS01

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

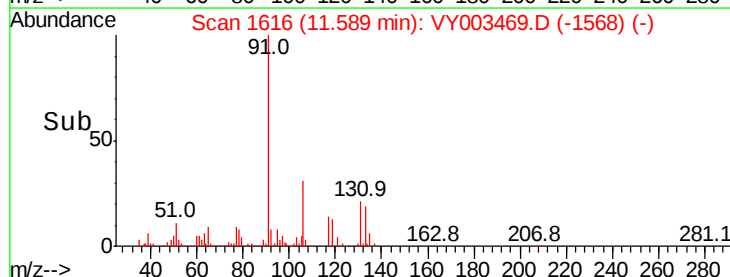
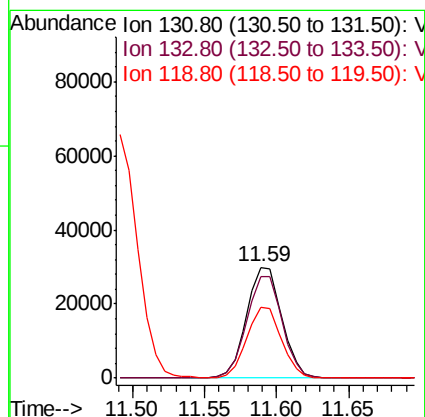
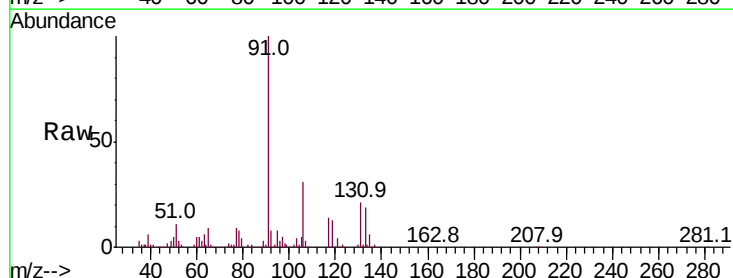
Tgt Ion:131 Resp: 50365

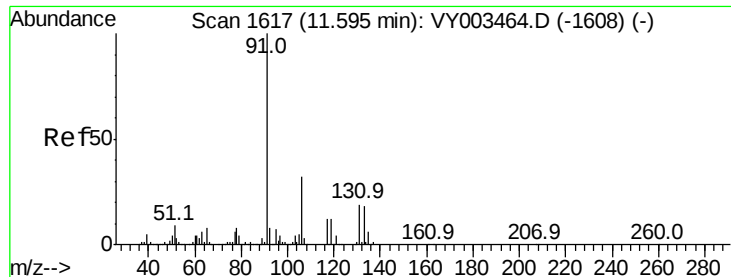
Ion Ratio Lower Upper

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 :

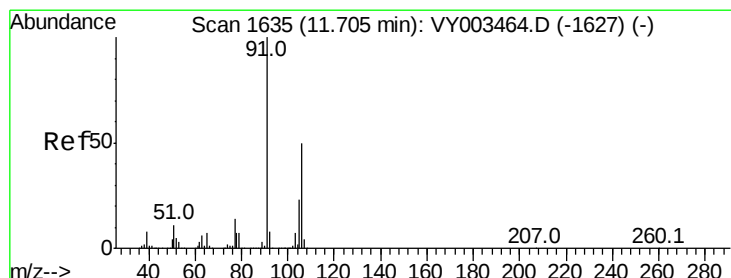
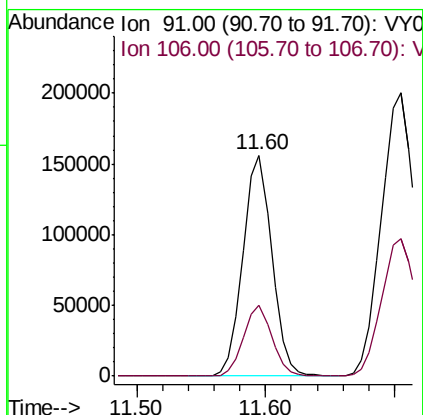
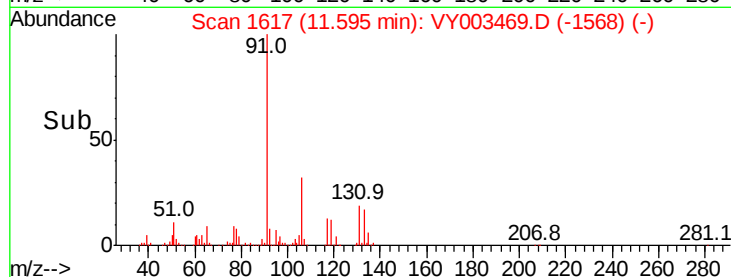
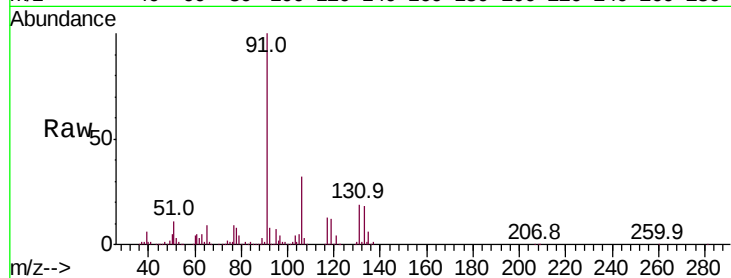
VY1102SBS01

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

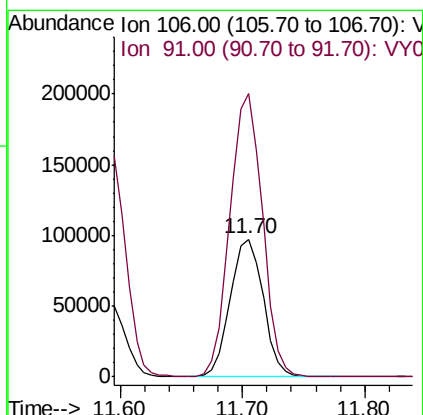
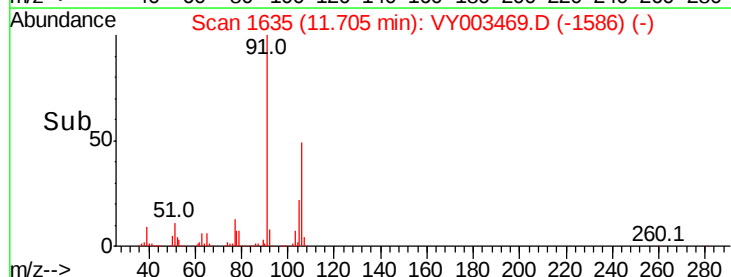
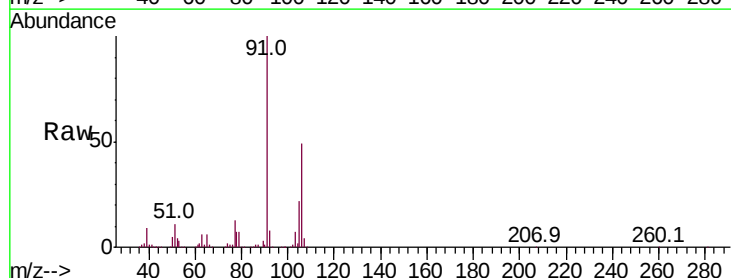
Acq: 02 Nov 2020 13:58

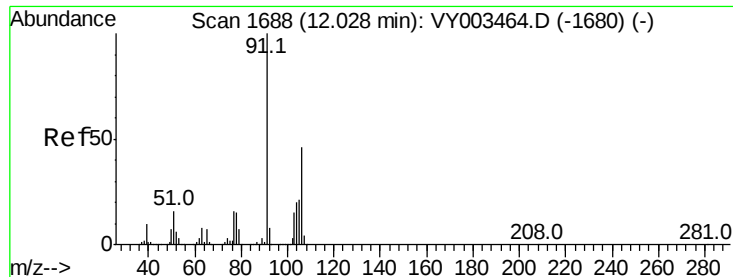
Tgt Ion: 106 Resp: 182335

Ion Ratio Lower Upper

106 100

91 202.1 161.0 241.6

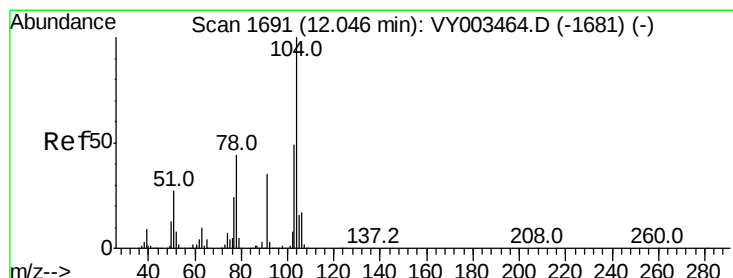
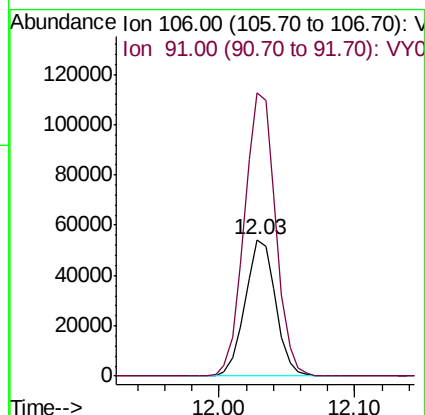
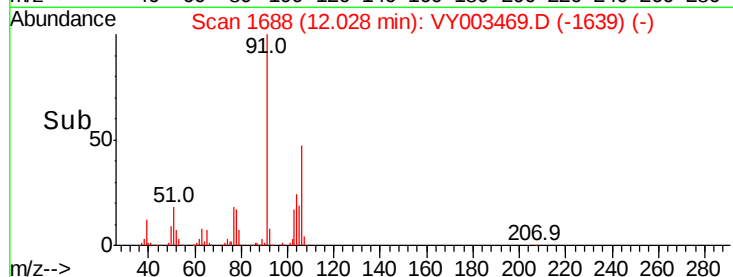
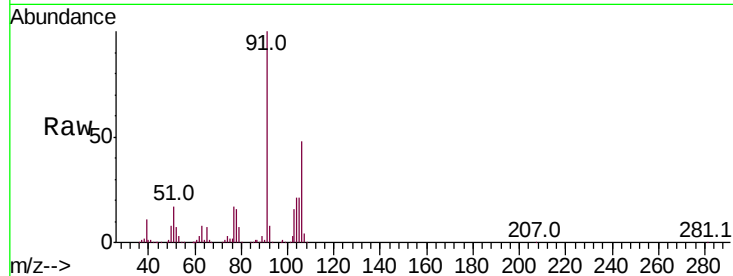




#69
o-Xylene
Concen: 21.285 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003469.D
Acq: 02 Nov 2020 13:58

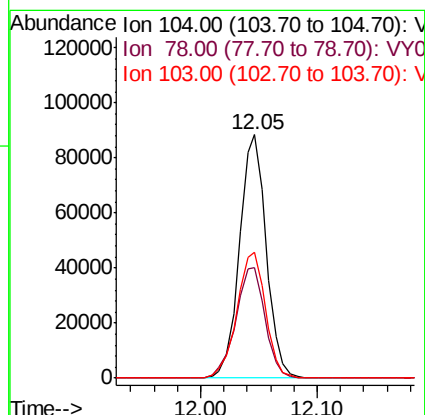
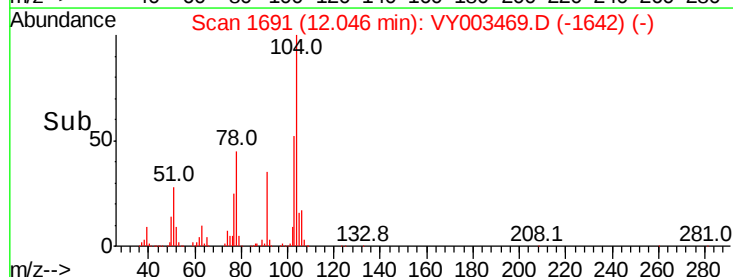
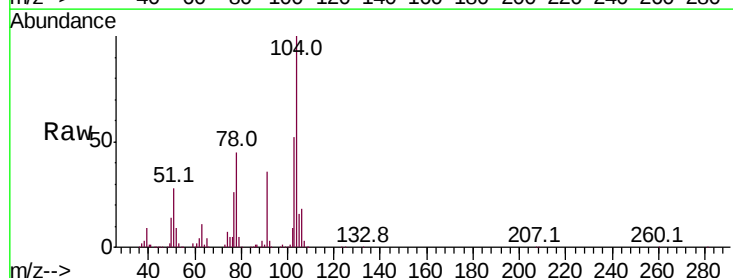
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

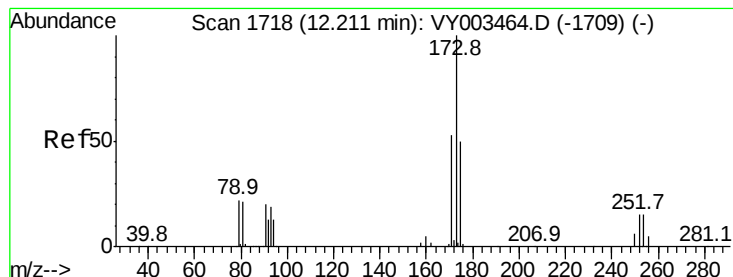
Tot Ion:106 Resp: 84968
Ion Ratio Lower Upper
106 100
91 212.7 105.5 316.5



#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





#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

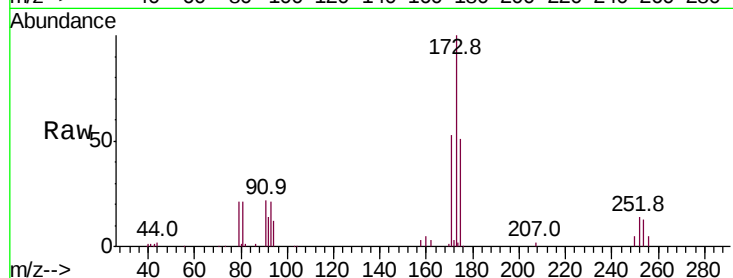
Tot Ion:173 Resp: 32289

Ion Ratio Lower Upper

173 100

175 49.6 24.7 74.1

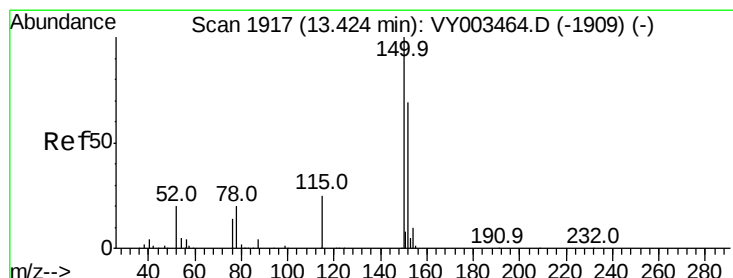
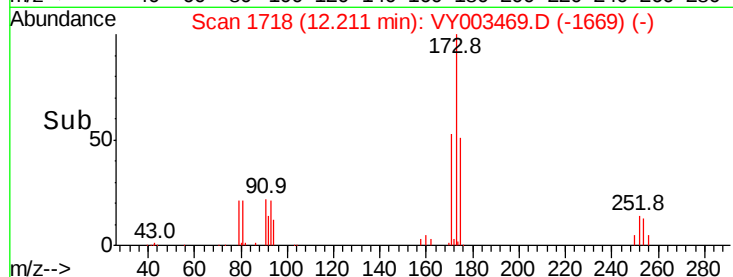
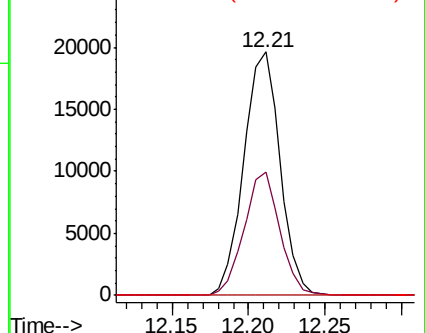
254 0.1 0.2 0.2#



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

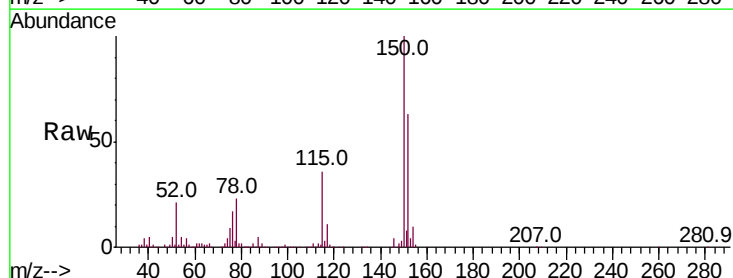
Tgt Ion:152 Resp: 167606

Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.4

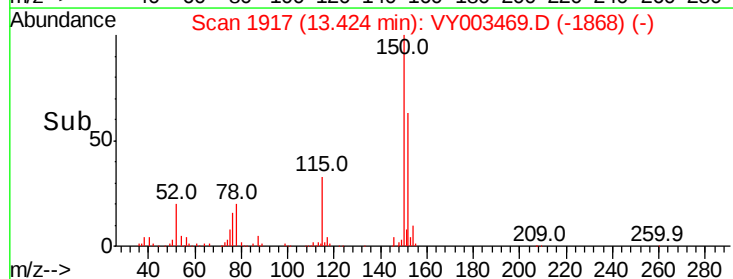
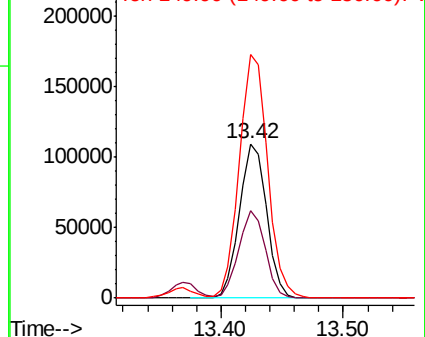
150 165.1 0.0 345.8

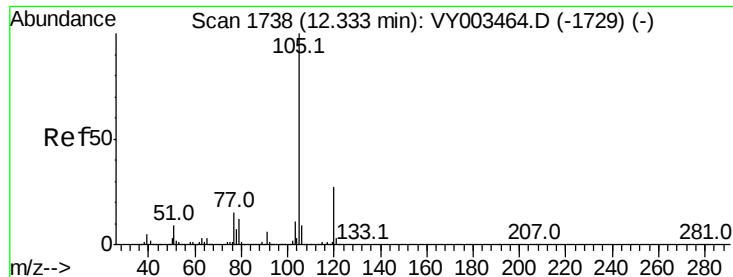


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

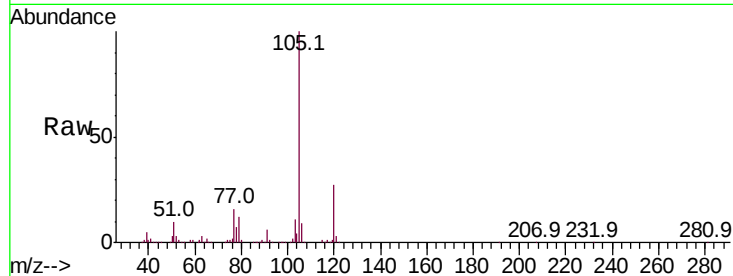
VY1102SBS01

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

12.33

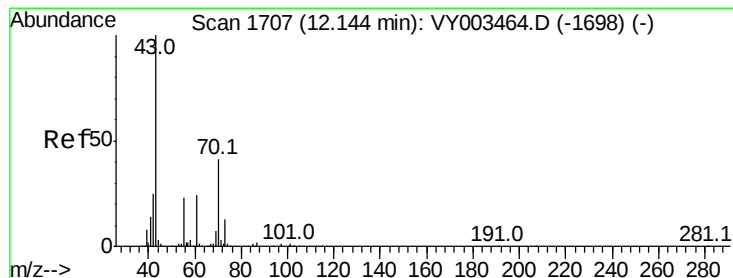
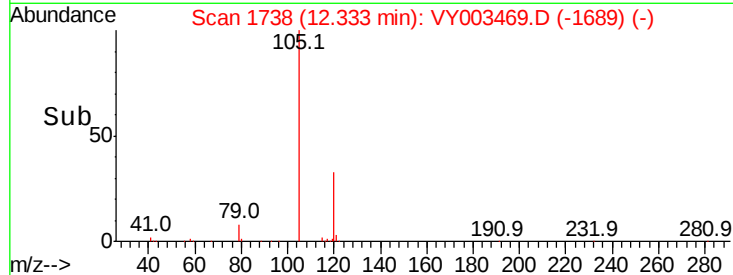
150000

100000

50000

0

Time-->



#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

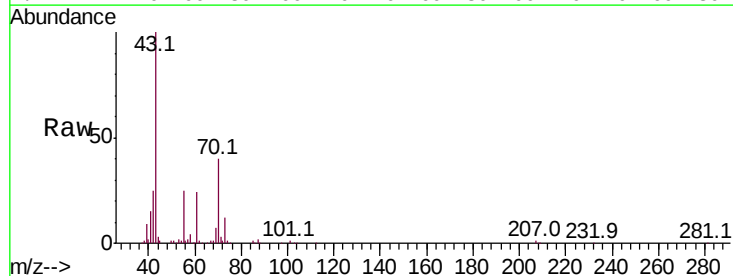
Ion Ratio Lower Upper

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

12.14

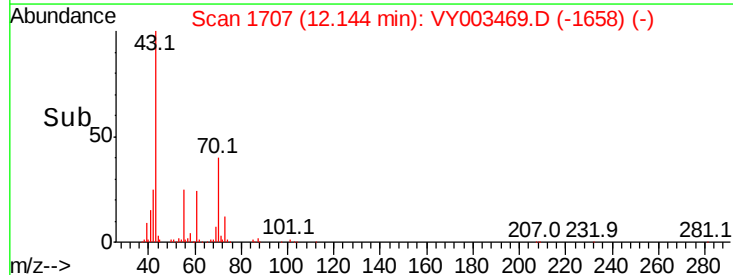
60000

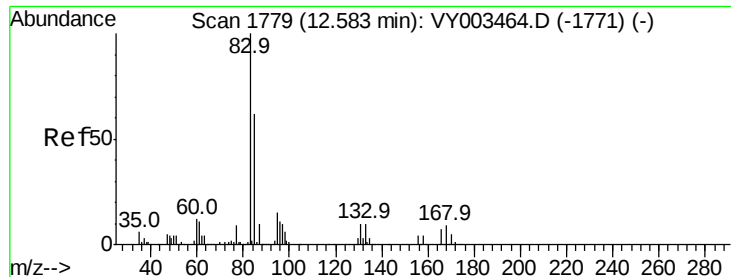
40000

20000

0

Time-->





#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

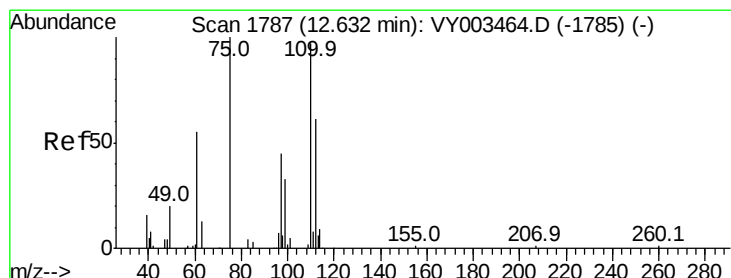
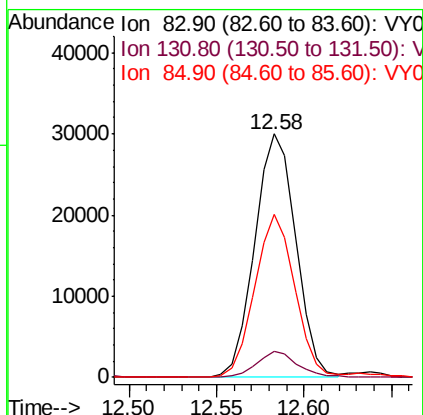
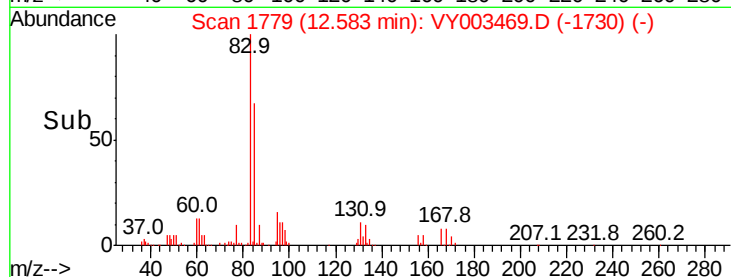
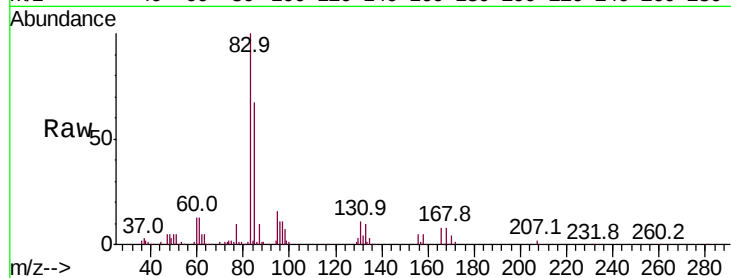
Tot Ion: 83 Resp: 49051

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 65.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 38.041 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003469.D

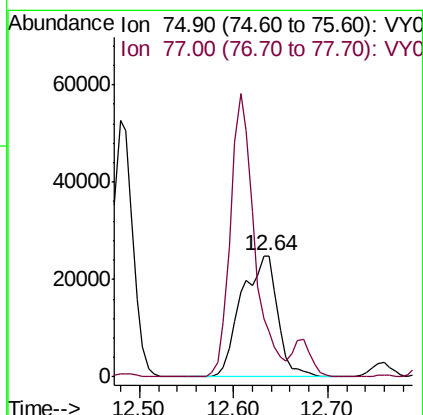
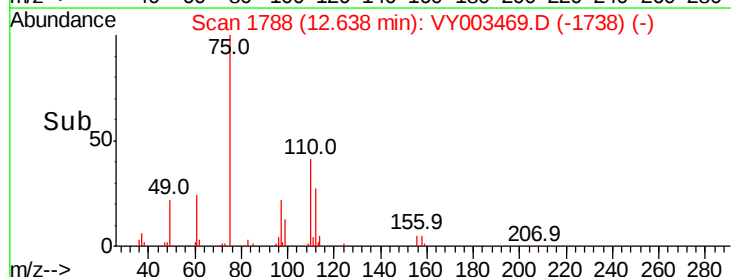
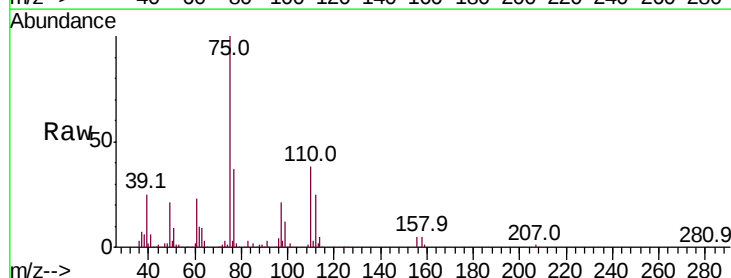
Acq: 02 Nov 2020 13:58

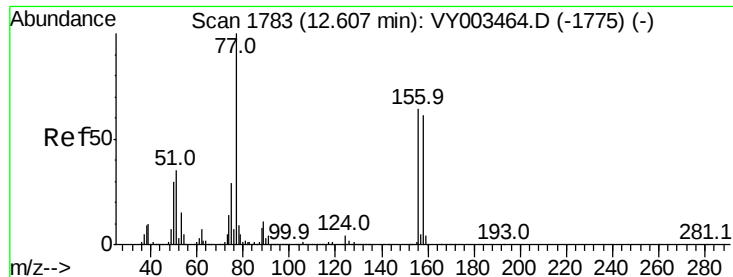
Tgt Ion: 75 Resp: 67462

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#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

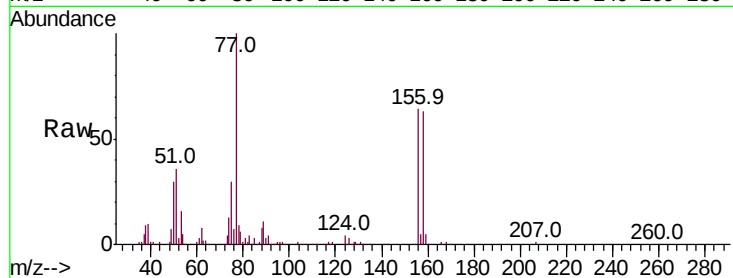
Tot Ion:156 Resp: 58965

Ion Ratio Lower Upper

156 100

77 177.4 87.0 260.9

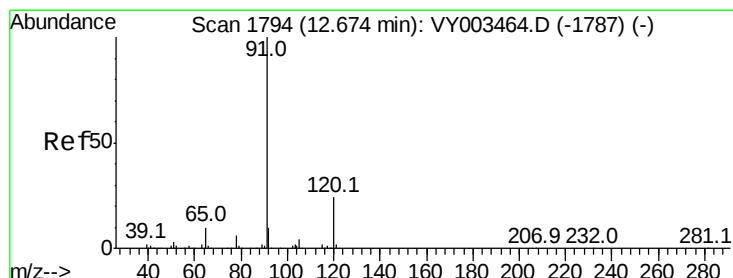
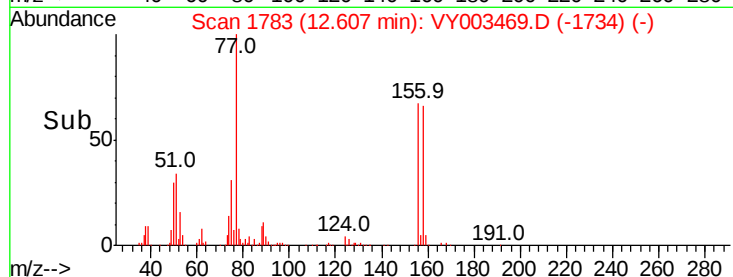
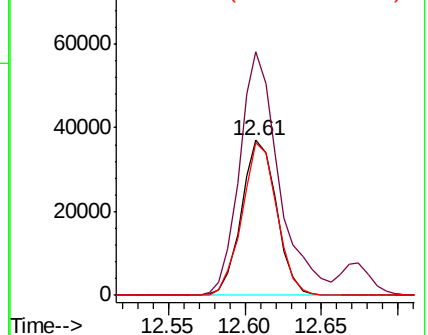
158 97.4 48.7 146.1



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

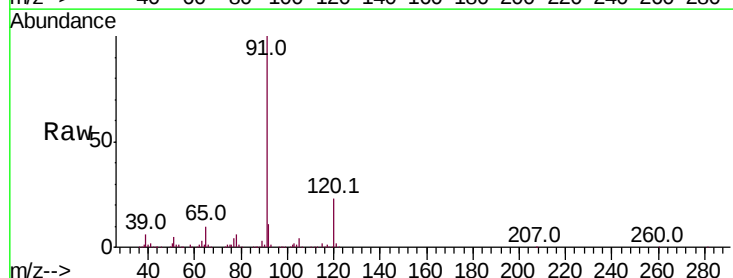
Acq: 02 Nov 2020 13:58

Tgt Ion: 91 Resp: 278945

Ion Ratio Lower Upper

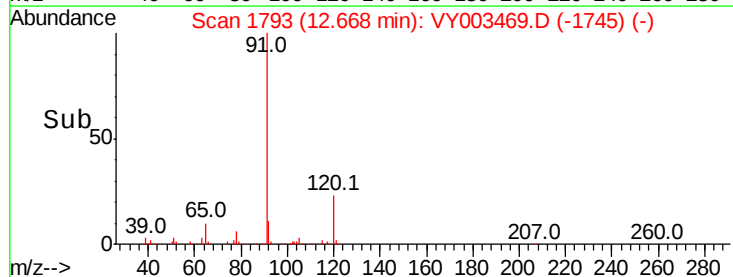
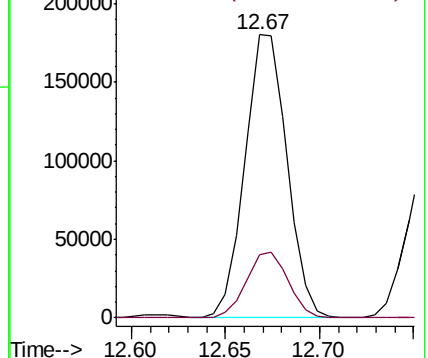
91 100

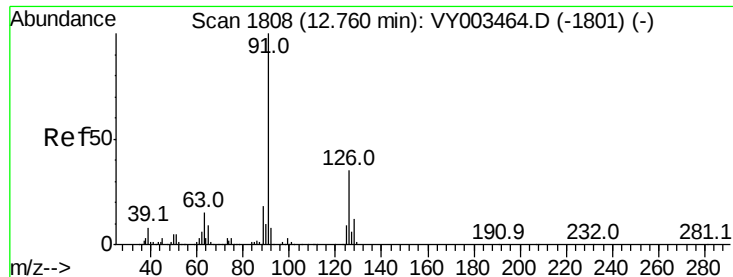
120 23.2 11.7 35.1



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 :

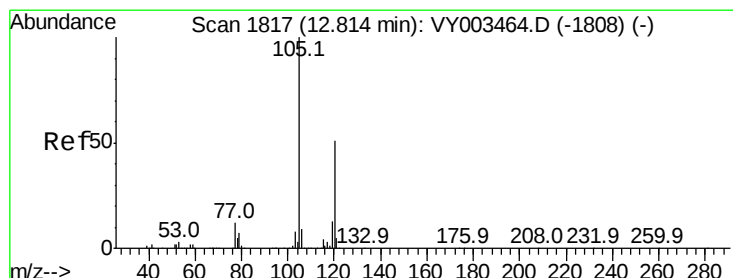
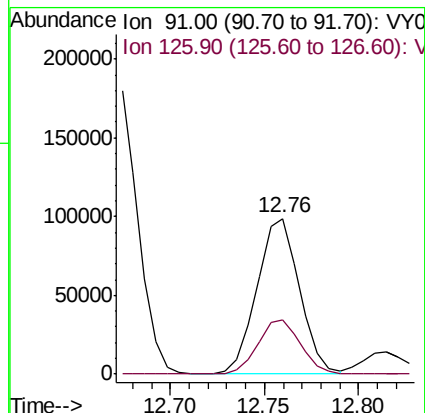
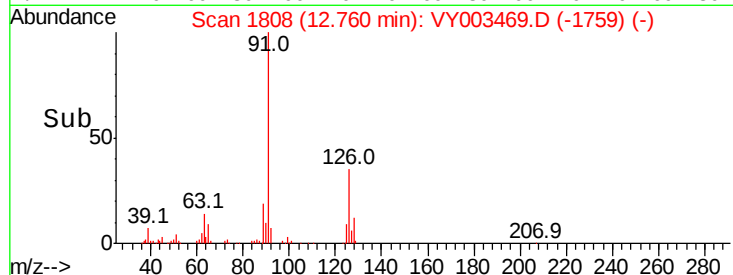
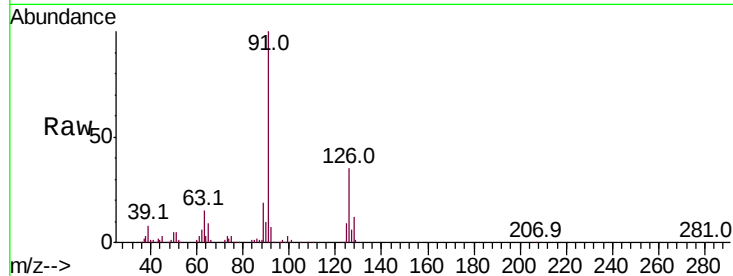
VY1102SBS01

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

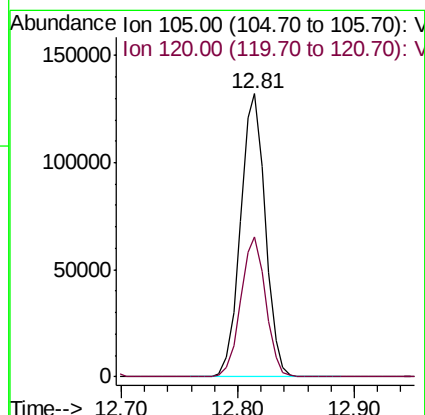
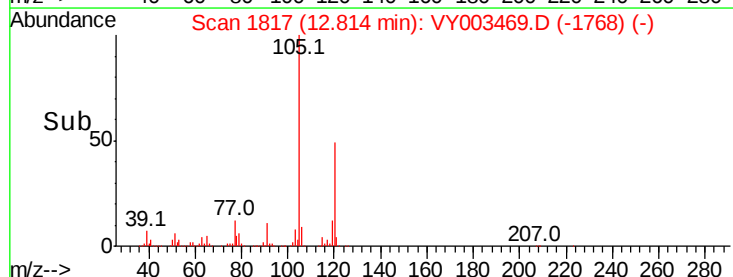
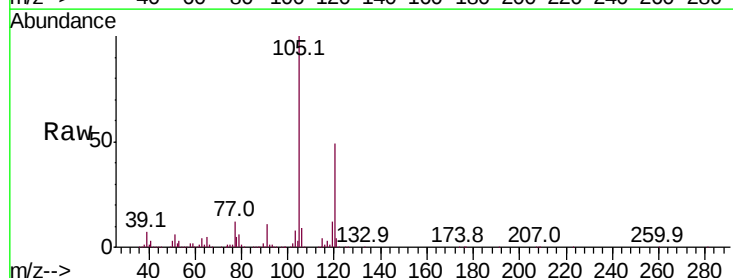
Acq: 02 Nov 2020 13:58

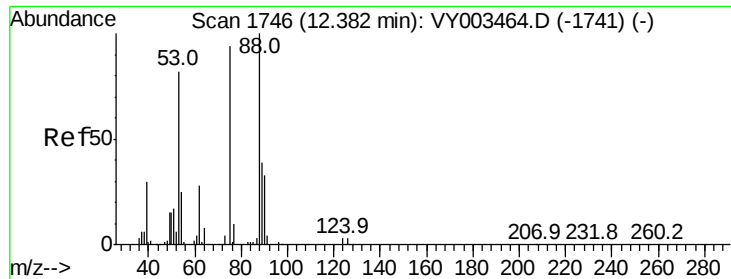
Tgt Ion: 105 Resp: 196471

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

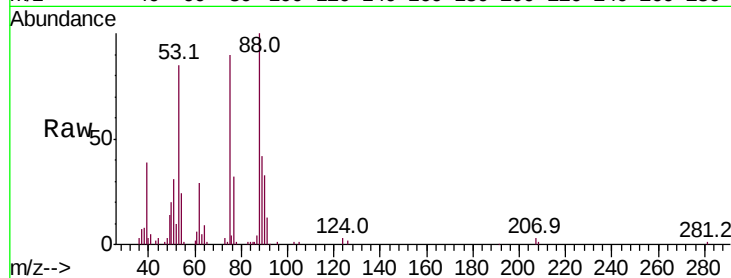
Tot Ion: 75 Resp: 17555

Ion	Ratio	Lower	Upper
75	100		
53	94.7	74.7	112.1
89	45.8	35.8	53.8

75 100

53 94.7 74.7 112.1

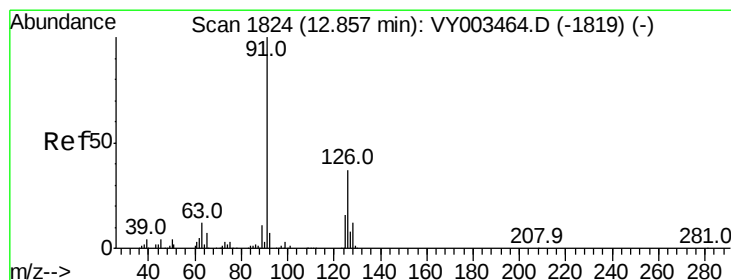
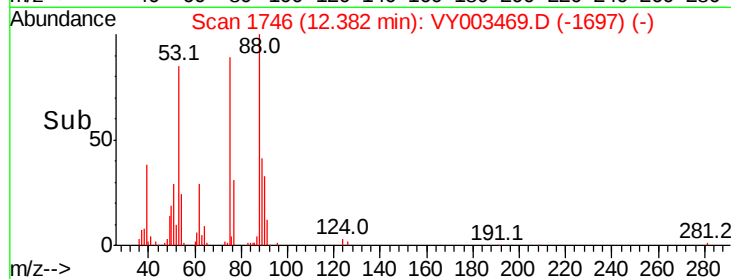
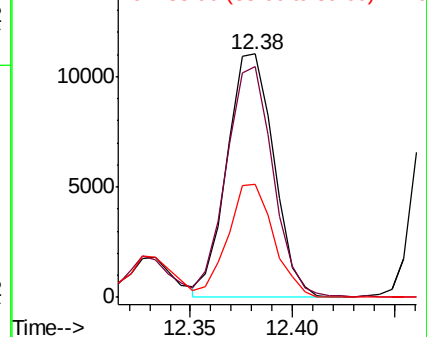
89 45.8 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

15000 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

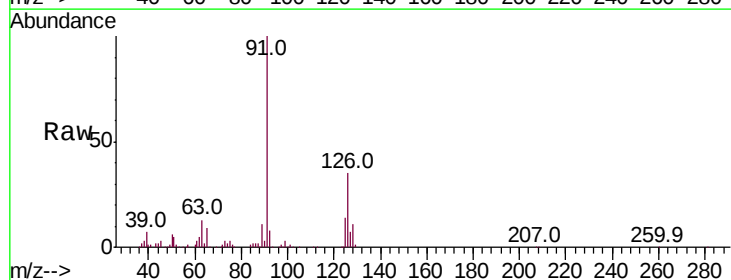
Acq: 02 Nov 2020 13:58

Tgt Ion: 91 Resp: 161917

Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.6	52.8

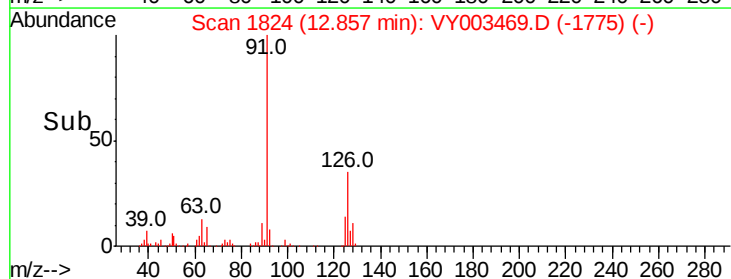
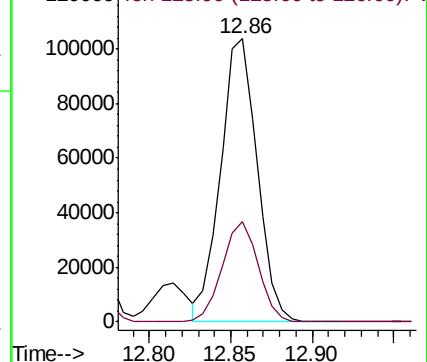
91 100

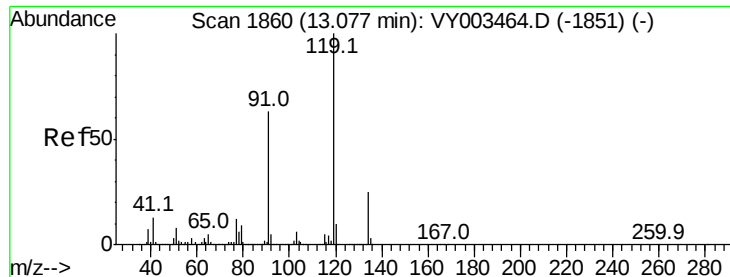
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

120000 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

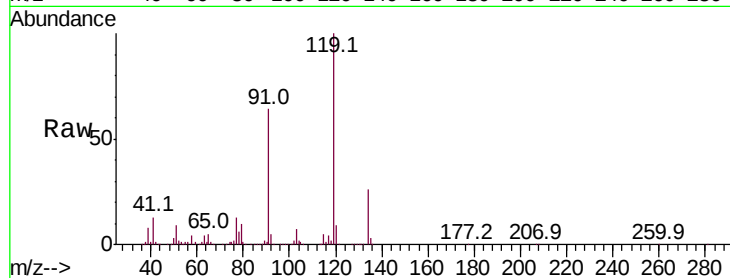
Tot Ion:119 Resp: 171596

Ion Ratio Lower Upper

119 100

91 63.4 31.1 93.2

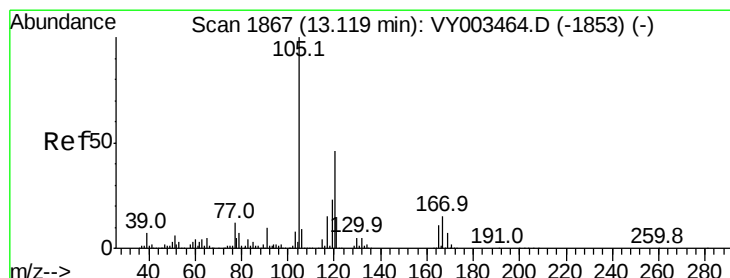
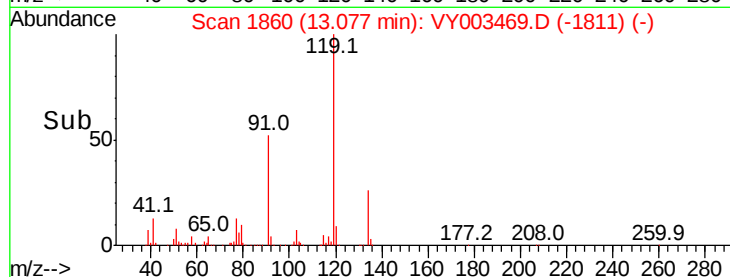
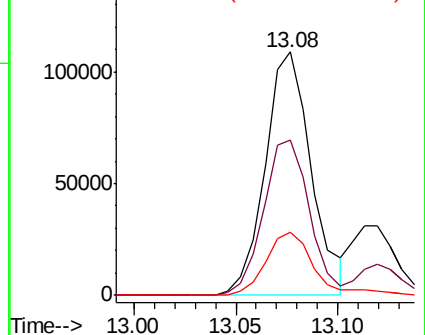
134 27.3 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.471 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003469.D

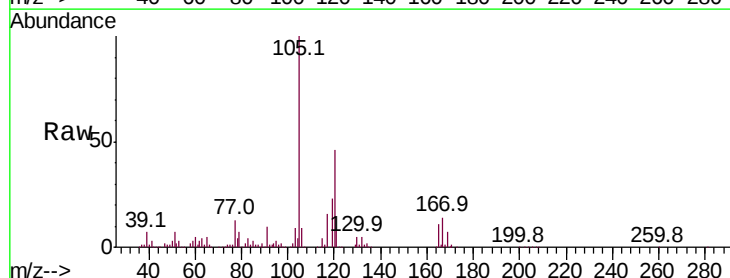
Acq: 02 Nov 2020 13:58

Tgt Ion:105 Resp: 194665

Ion Ratio Lower Upper

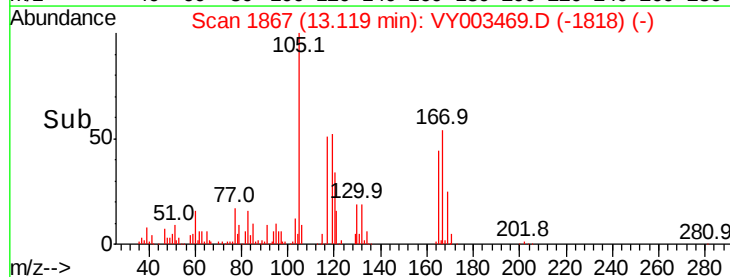
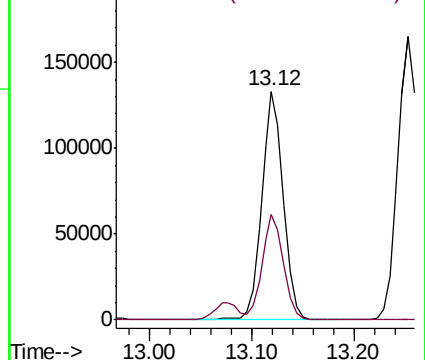
105 100

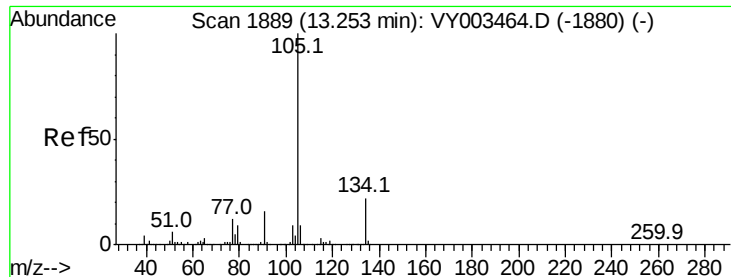
120 45.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

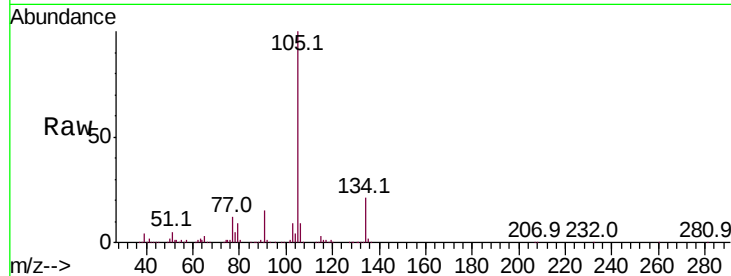
VY1102SBS01

Tot Ion:105 Resp: 236619

Ion Ratio Lower Upper

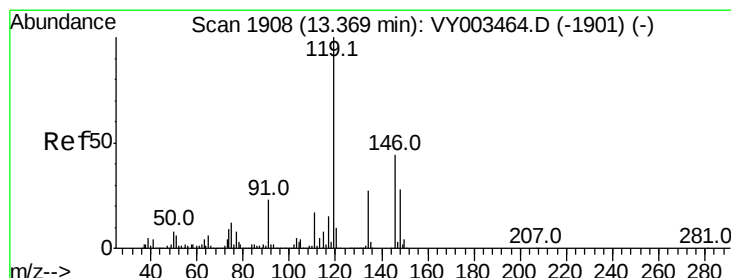
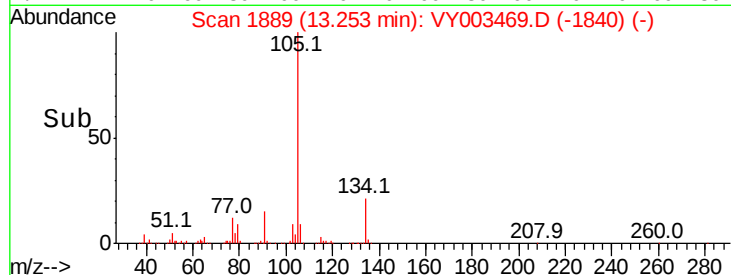
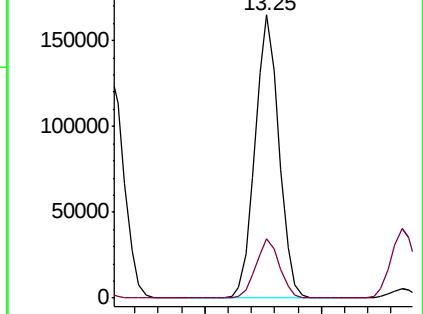
105 100

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

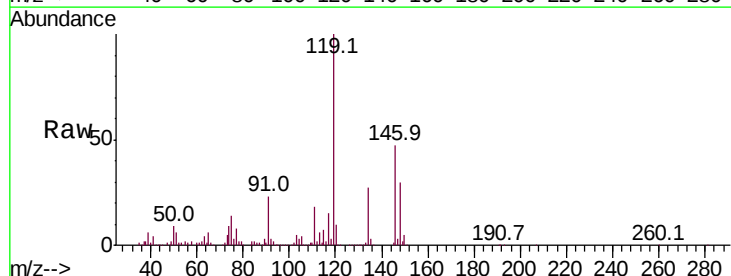
Tgt Ion:119 Resp: 215991

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

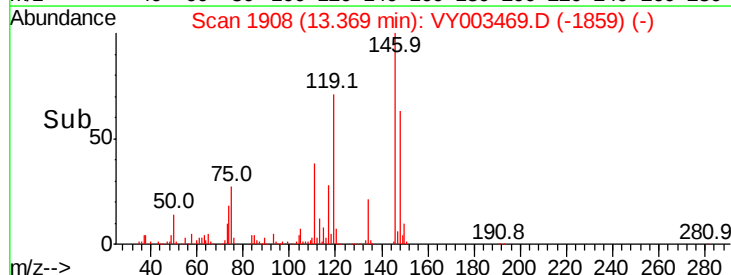
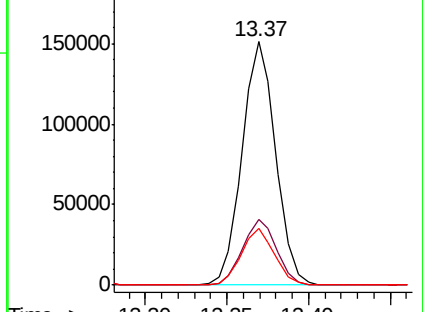
91 23.0 11.4 34.2

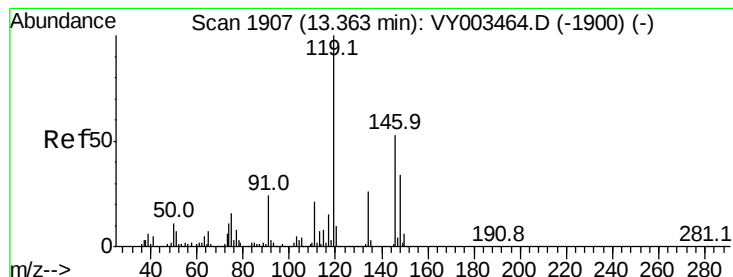


Abundance Ion 119.00 (118.70 to 119.70): V

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

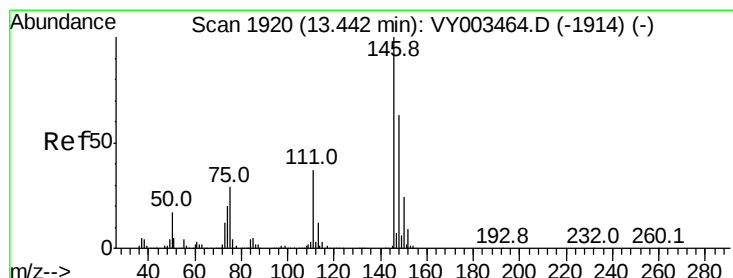
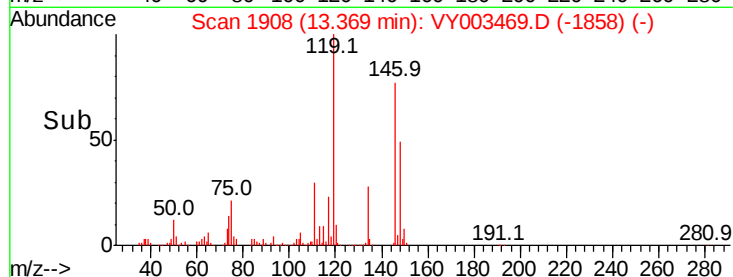
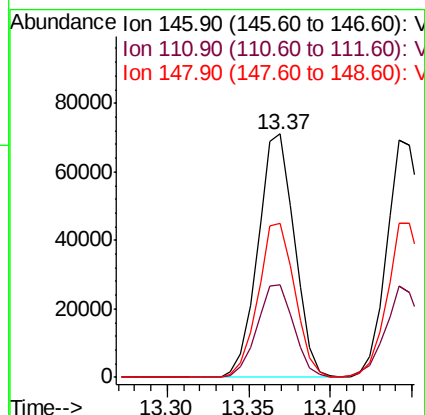
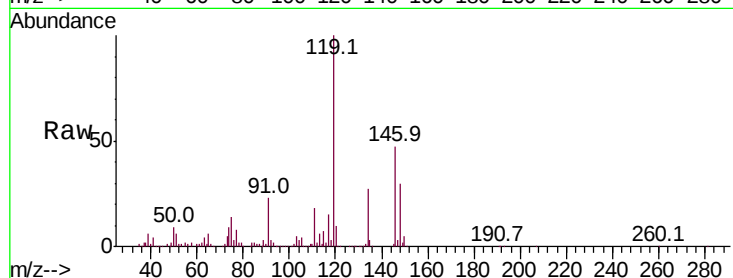
Tot Ion:146 Resp: 110495

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

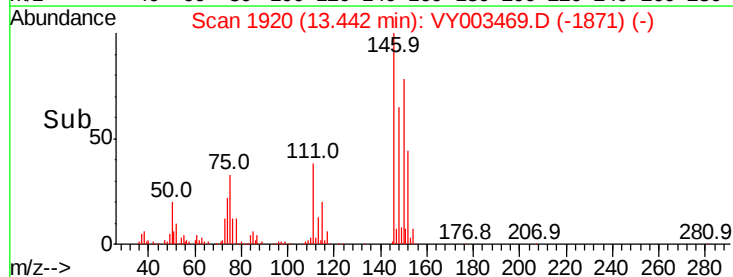
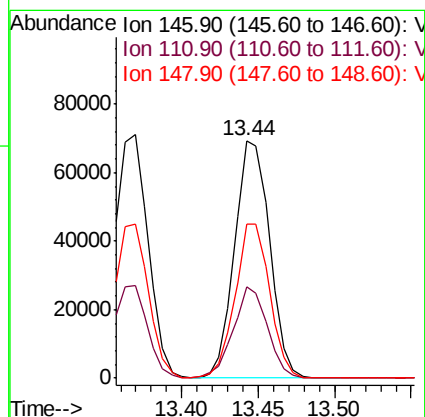
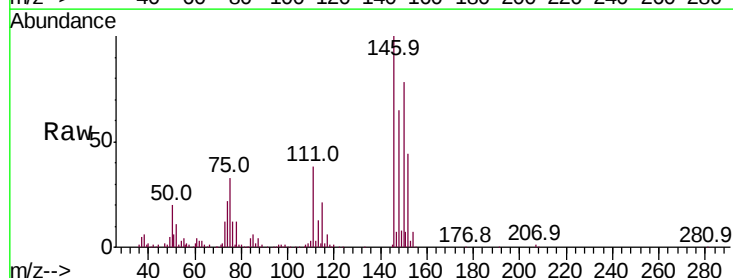
Tgt Ion:146 Resp: 110043

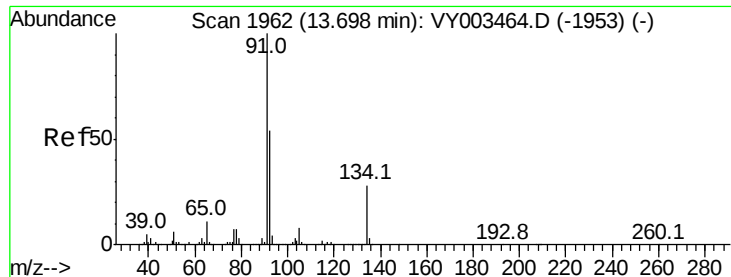
Ion Ratio Lower Upper

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

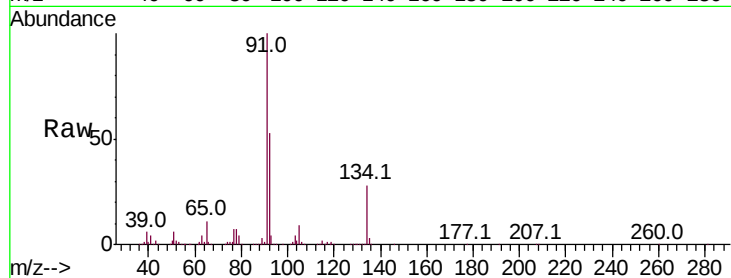
Tot Ion: 91 Resp: 203091

Ion Ratio Lower Upper

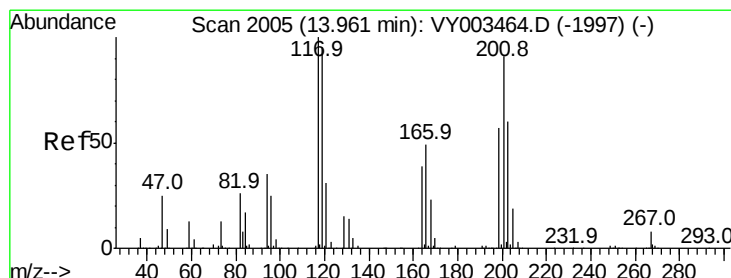
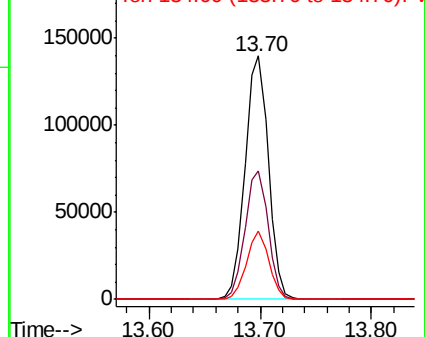
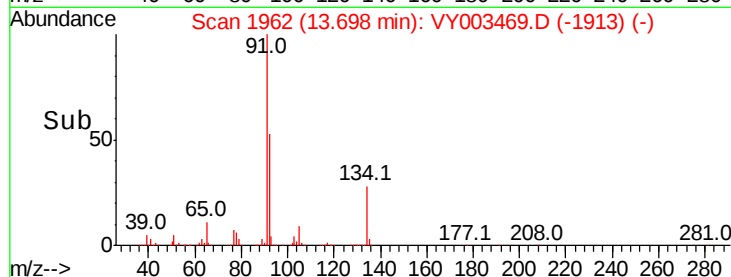
91 100

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 (-1913) (-)



#90

Hexachloroethane

Concen: 20.965 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003469.D

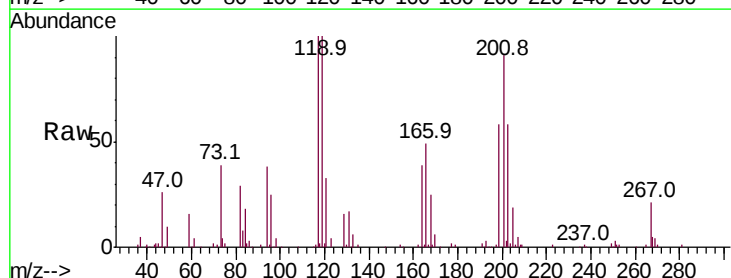
Acq: 02 Nov 2020 13:58

Tgt Ion: 117 Resp: 35646

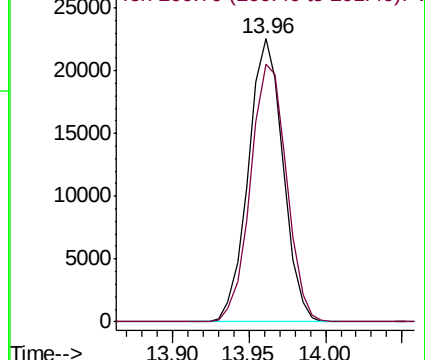
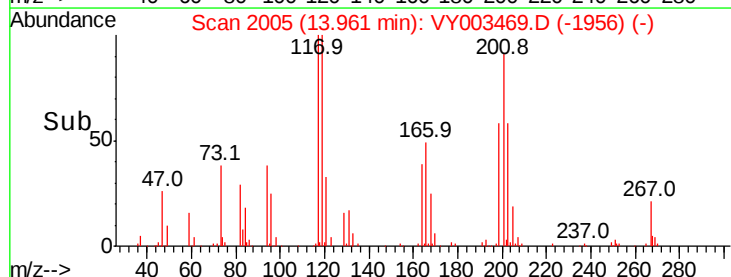
Ion Ratio Lower Upper

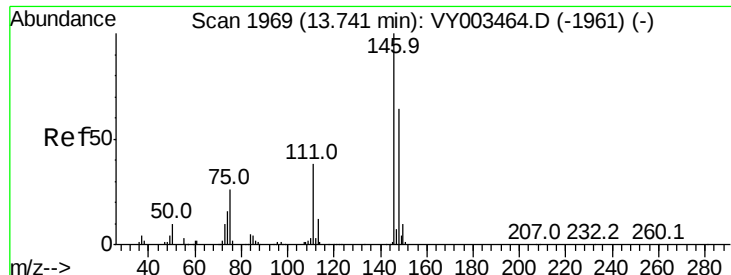
117 100

201 94.3 46.6 139.8



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





#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

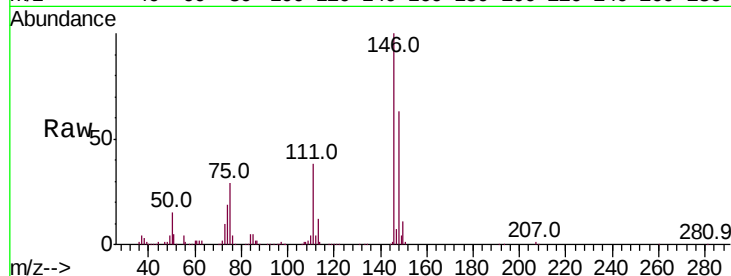
Tot Ion:146 Resp: 97442

Ion Ratio Lower Upper

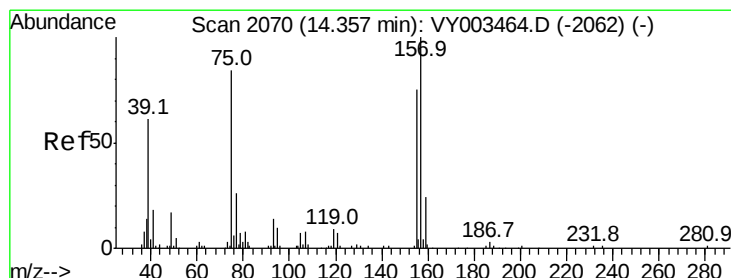
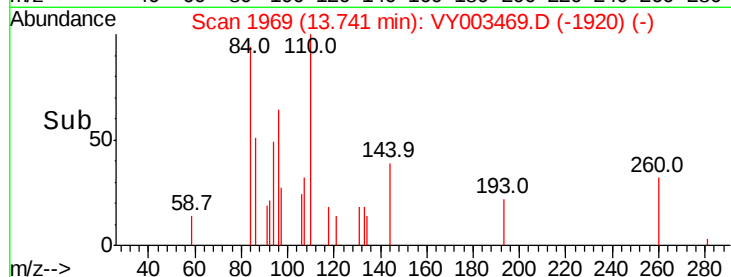
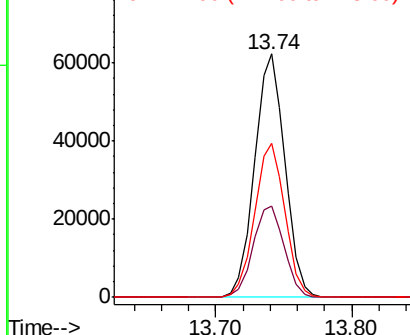
146 100

111 38.5 19.3 57.8

148 63.1 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

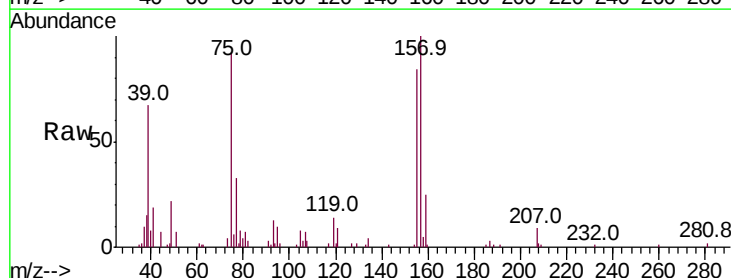
Tgt Ion: 75 Resp: 8979

Ion Ratio Lower Upper

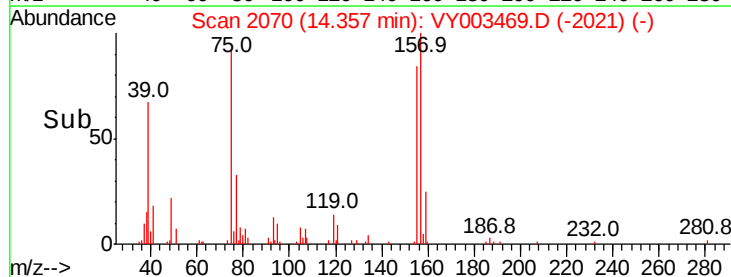
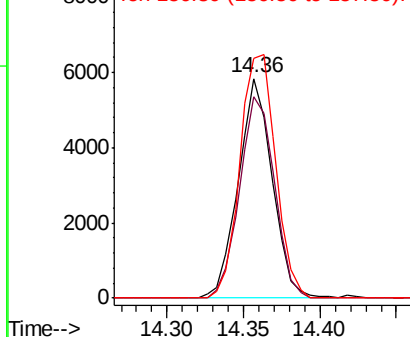
75 100

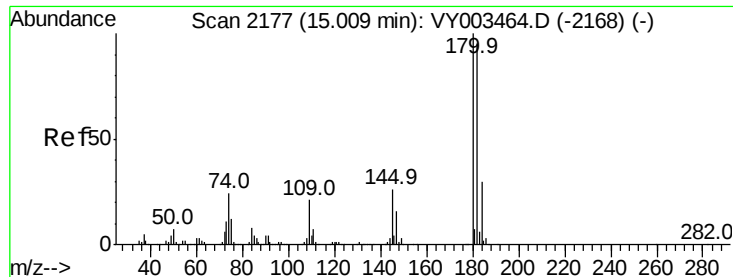
155 93.9 45.6 136.7

157 116.6 60.3 180.8



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

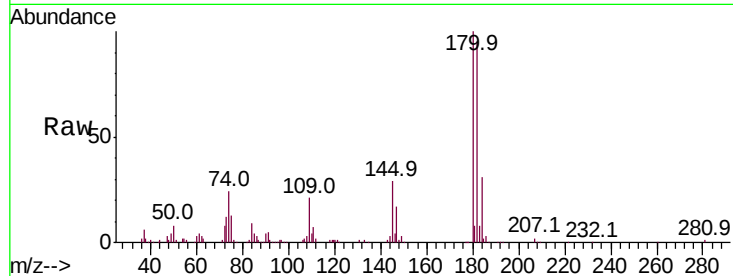




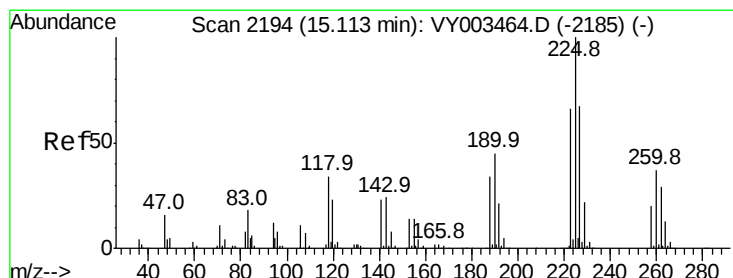
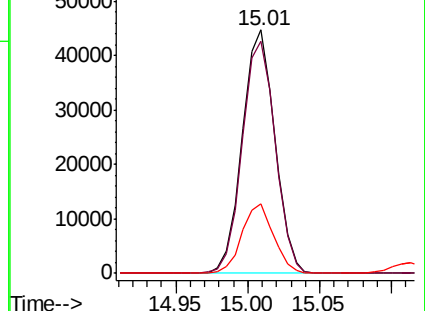
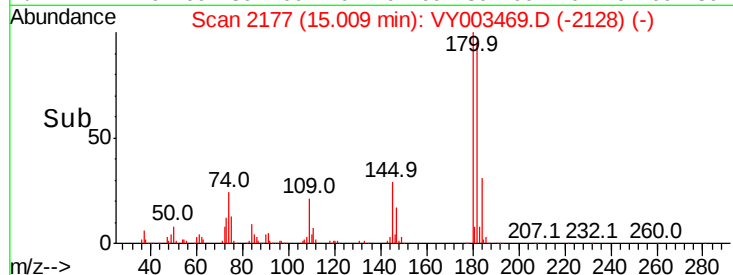
#93
 1,2,4-Trichlorobenzene
 Concen: 21.508 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

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

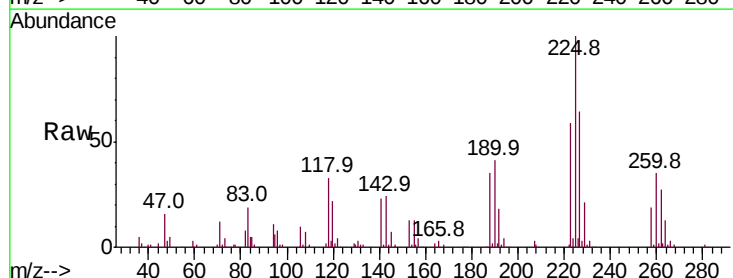


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

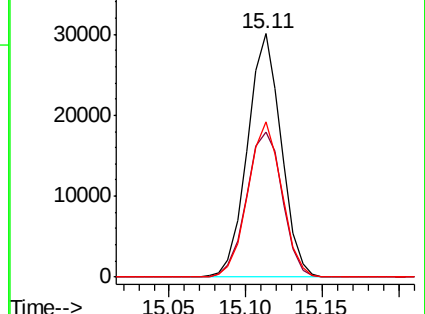
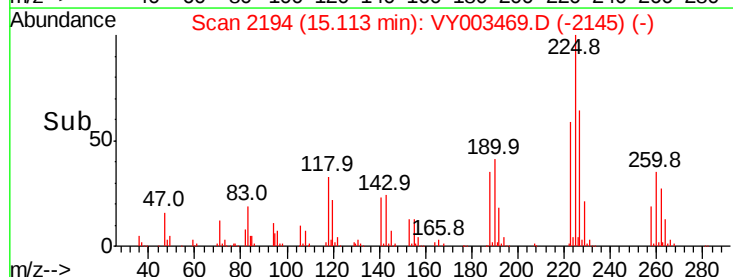


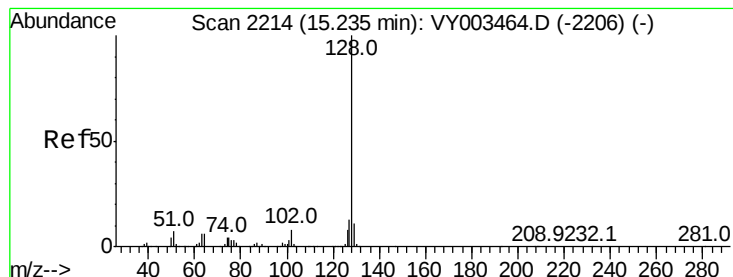
#94
 Hexachlorobutadiene
 Concen: 21.898 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003469.D
 Acq: 02 Nov 2020 13:58

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



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#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

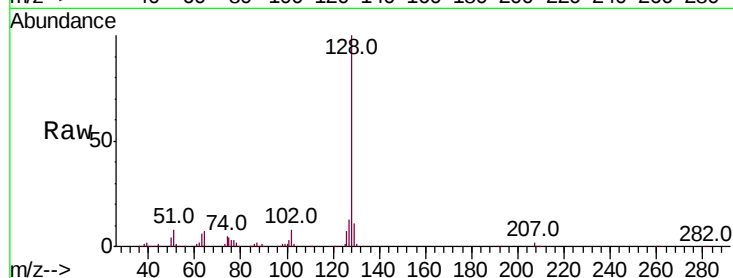
Tot Ion:128 Resp: 138095

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

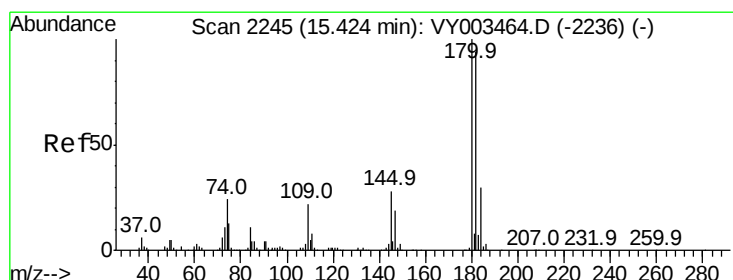
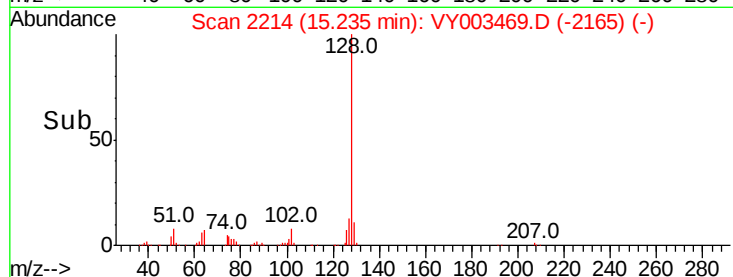
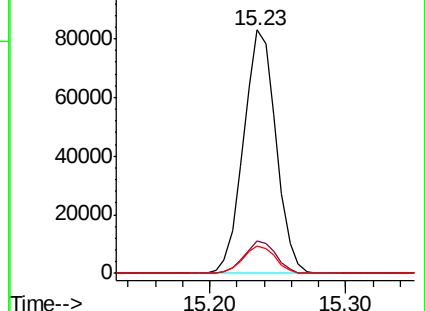
129 11.0 8.6 13.0



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

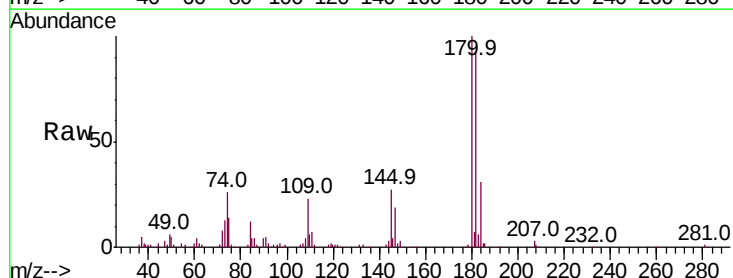
Tgt Ion:180 Resp: 62369

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

