

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000691.D
 Acq On : 15 Nov 2019 11:32
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:24:15 PM

Quant Time: Nov 16 02:42:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	347072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150570	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	109087	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.72	113	102180	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.18	98	410672	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.48	95	138226	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	40810	19.482	ug/l	93
3) Chloromethane	2.11	50	57361	19.878	ug/l	95
4) Vinyl Chloride	2.25	62	52922	19.749	ug/l	95
5) Bromomethane	2.65	94	45348	28.221	ug/l	92
6) Chloroethane	2.79	64	35231	21.007	ug/l	97
7) Trichlorofluoromethane	3.13	101	81505	22.522	ug/l	96
8) Diethyl Ether	3.53	74	24474	19.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	44778	20.467	ug/l	98
10) Methyl Iodide	4.10	142	27382	12.099	ug/l	98
11) Tert butyl alcohol	4.98	59	14409	67.216	ug/l	98
12) 1,1-Dichloroethene	3.88	96	44175	20.782	ug/l	94
13) Acrolein	3.74	56	11656	62.423	ug/l	99
14) Allyl chloride	4.49	41	72864	21.081	ug/l	99
15) Acrylonitrile	5.18	53	57204	86.842	ug/l	99
16) Acetone	3.96	43	45588	75.110	ug/l	91
17) Carbon Disulfide	4.19	76	130630	19.485	ug/l	96
18) Methyl Acetate	4.49	43	30861	16.353	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	112706	19.070	ug/l	99
20) Methylene Chloride	4.72	84	59592	22.914	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	49758	20.706	ug/l	94
22) Diisopropyl ether	6.13	45	155103	20.646	ug/l	92
23) Vinyl Acetate	6.07	43	446942	94.245	ug/l	98
24) 1,1-Dichloroethane	6.03	63	86709	21.305	ug/l	98
25) 2-Butanone	6.99	43	73430	75.807	ug/l	97
26) 2,2-Dichloropropane	6.99	77	80140	21.547	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	54643	20.795	ug/l	97
28) Bromochloromethane	7.35	49	20380	14.174	ug/l	98
29) Tetrahydrofuran	7.36	42	47716	80.522	ug/l	98
30) Chloroform	7.52	83	89976	21.854	ug/l	95
31) Cyclohexane	7.79	56	86684	20.335	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	79519	21.671	ug/l	99
36) 1,1-Dichloropropene	7.93	75	69265	21.111	ug/l	100
37) Ethyl Acetate	7.09	43	32705	16.789	ug/l #	95
38) Carbon Tetrachloride	7.91	117	68026	21.547	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87996	20.759	ug/l	97
40) Benzene	8.17	78	202365	21.037	ug/l	97
41) Methacrylonitrile	7.32	41	15473m	14.239	ug/l	
42) 1,2-Dichloroethane	8.25	62	56039	20.540	ug/l	100
43) Isopropyl Acetate	8.28	43	64764	17.699	ug/l	99
44) Trichloroethene	8.94	130	52572	20.728	ug/l	98
45) 1,2-Dichloropropane	9.22	63	50680	21.407	ug/l	95
46) Dibromomethane	9.31	93	26218	20.136	ug/l	98
47) Bromodichloromethane	9.50	83	64735	20.954	ug/l	95
48) Methyl methacrylate	9.30	41	29237	18.287	ug/l	95
49) 1,4-Dioxane	9.32	88	5787	330.245	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	158355	81.394	ug/l	99
52) Toluene	10.25	92	131021	21.544	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	65458	19.829	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	78427	20.739	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	37160	19.732	ug/l	94
56) Ethyl methacrylate	10.51	69	46698	17.495	ug/l	95
57) 1,3-Dichloropropane	10.79	76	64872	19.682	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	98851	81.919	ug/l	98
59) 2-Hexanone	10.83	43	105812	74.646	ug/l	100
60) Dibromochloromethane	10.99	129	41445	19.213	ug/l	98
61) 1,2-Dibromoethane	11.09	107	35893	19.823	ug/l	98
64) Tetrachloroethene	10.72	164	53954	21.119	ug/l	94
65) Chlorobenzene	11.52	112	134828	21.524	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	45116	20.767	ug/l	99
67) Ethyl Benzene	11.60	91	245408	21.286	ug/l	98
68) m/p-Xylenes	11.70	106	190711	42.740	ug/l	98
69) o-Xylene	12.03	106	88365	21.071	ug/l	99
70) Styrene	12.05	104	150480	20.955	ug/l	98
71) Bromoform	12.20	173	22894	18.321	ug/l #	98
73) Isopropylbenzene	12.33	105	241746	21.724	ug/l	100
74) N-amyl acetate	12.14	43	50850	15.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	41444	18.809	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	31431m	18.333	ug/l	
77) Bromobenzene	12.61	156	52606	20.846	ug/l	99
78) n-propylbenzene	12.67	91	292624	21.793	ug/l	98
79) 2-Chlorotoluene	12.75	91	162157	21.754	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	198440	21.411	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	13665	17.871	ug/l	98
82) 4-Chlorotoluene	12.85	91	168297	21.781	ug/l	99
83) tert-Butylbenzene	13.08	119	174014	21.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	204755	22.189	ug/l	99
85) sec-Butylbenzene	13.25	105	249095	22.094	ug/l	99
86) p-Isopropyltoluene	13.37	119	225086	22.400	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	104936	21.230	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	104086	21.073	ug/l	99
89) n-Butylbenzene	13.70	91	222413	22.442	ug/l	99
90) Hexachloroethane	13.96	117	39874	21.465	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	94638	21.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6618	16.971	ug/l	94

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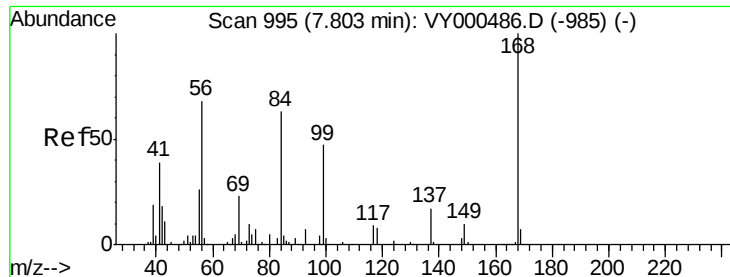
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	64533	21.133	ug/l	99
94) Hexachlorobutadiene	15.11	225	33985	21.590	ug/l	97
95) Naphthalene	15.23	128	128362	18.936	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	57775	21.089	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion:168 Resp: 212798

Ion Ratio Lower Upper

168 100

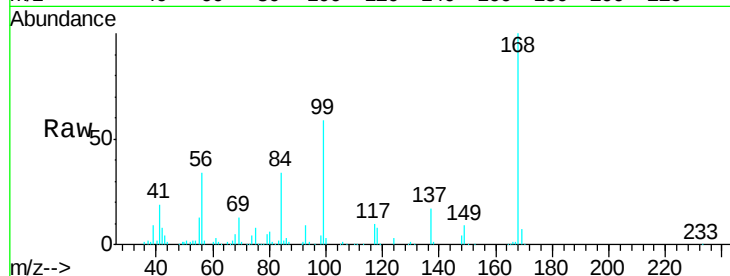
99 59.4 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

60000

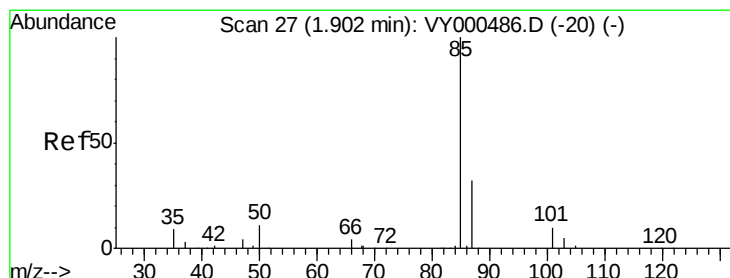
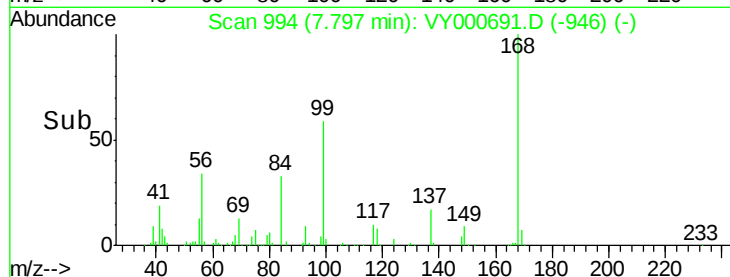
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.482 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000691.D

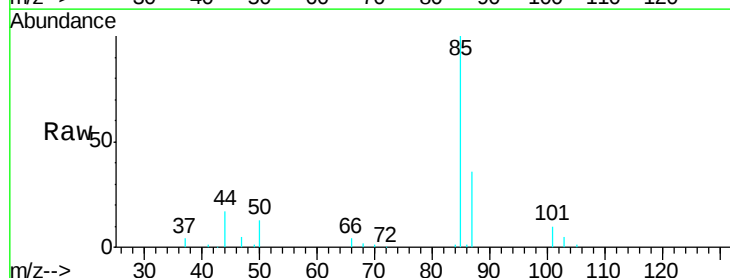
Acq: 15 Nov 2019 11:32

Tgt Ion: 85 Resp: 40810

Ion Ratio Lower Upper

85 100

87 35.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

30000

25000

20000

15000

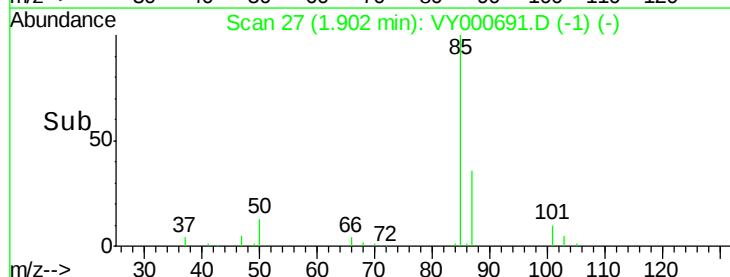
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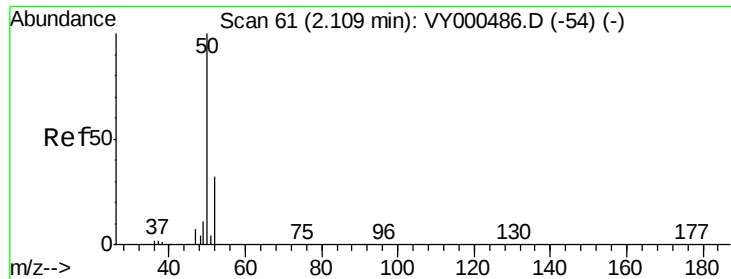
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.878 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 50 Resp: 57361

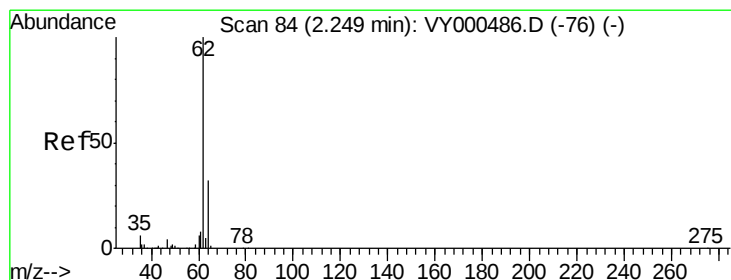
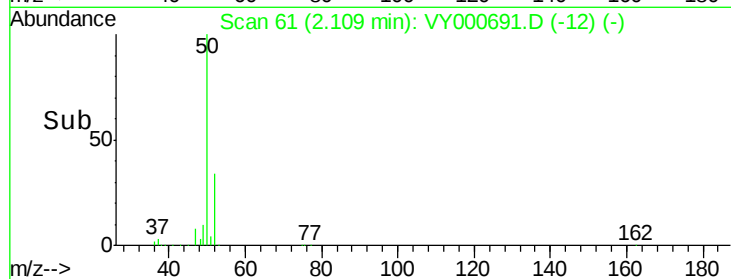
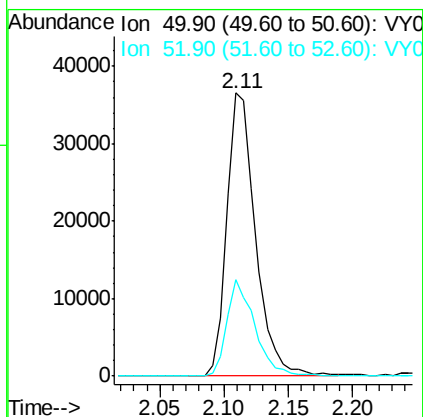
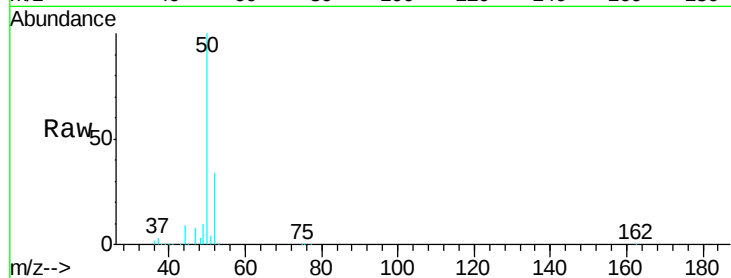
Ion Ratio Lower Upper

50 100

52 34.3 25.2 37.8

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#4

Vinyl Chloride

Concen: 19.749 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000691.D

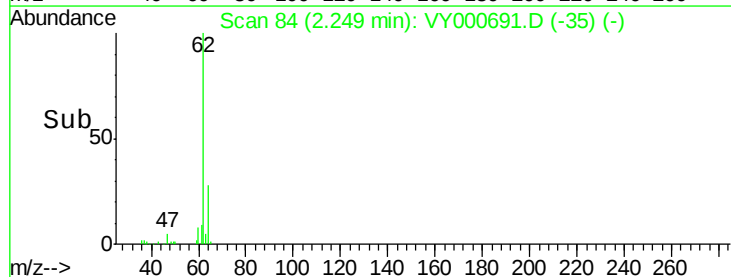
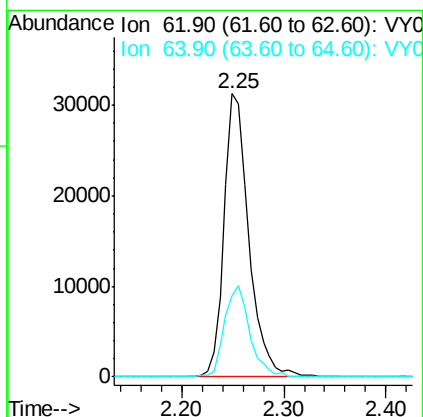
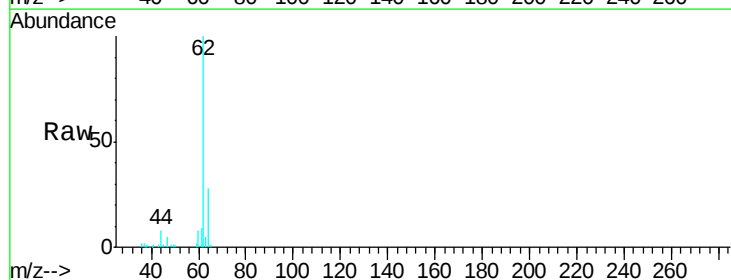
Acq: 15 Nov 2019 11:32

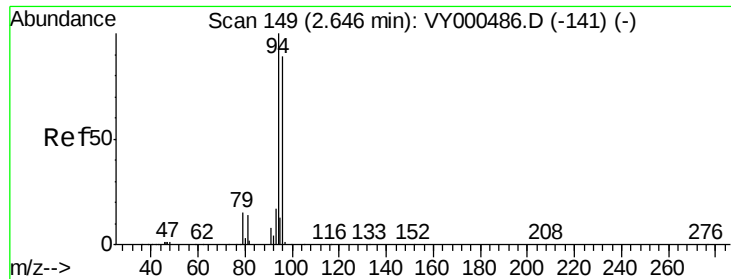
Tgt Ion: 62 Resp: 52922

Ion Ratio Lower Upper

62 100

64 28.5 25.2 37.8





#5

Bromomethane

Concen: 28.221 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 94 Resp: 45348

Ion Ratio Lower Upper

94 100

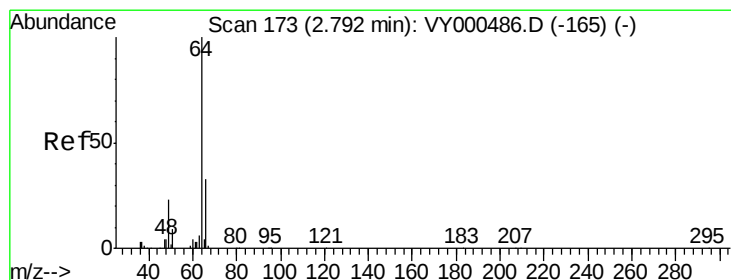
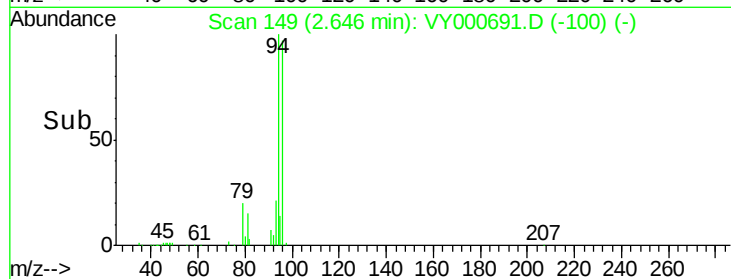
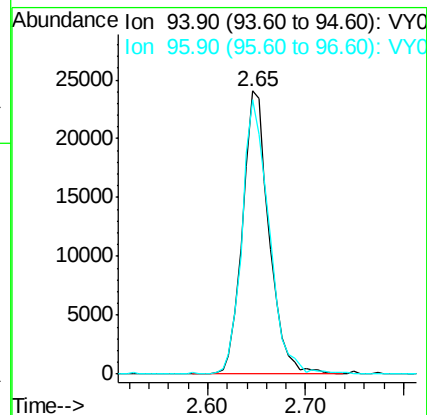
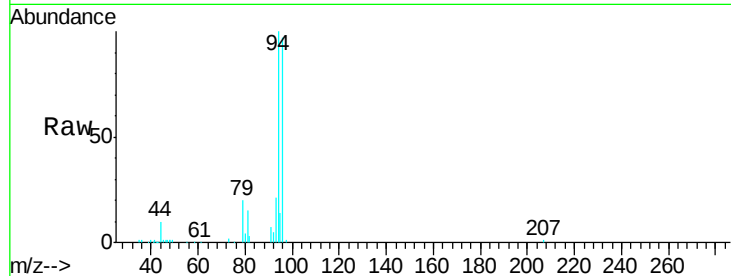
96 96.6 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 21.007 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000691.D

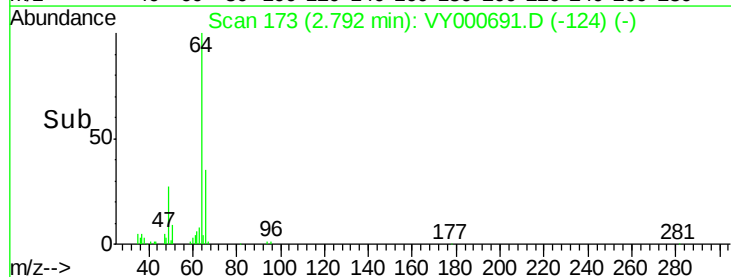
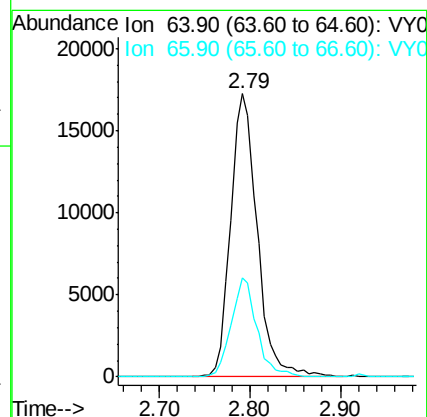
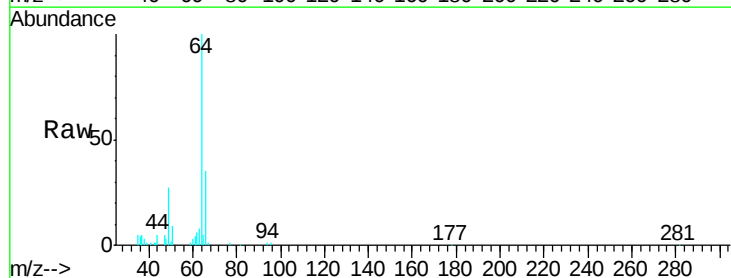
Acq: 15 Nov 2019 11:32

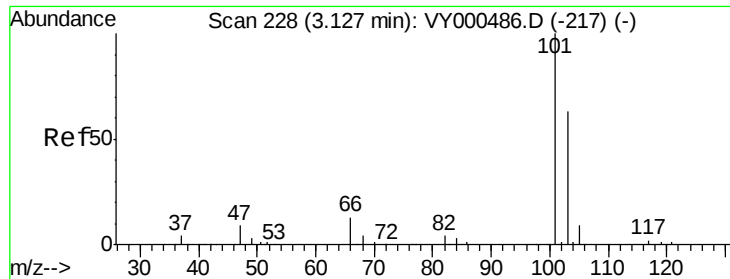
Tgt Ion: 64 Resp: 35231

Ion Ratio Lower Upper

64 100

66 34.9 26.6 40.0





#7

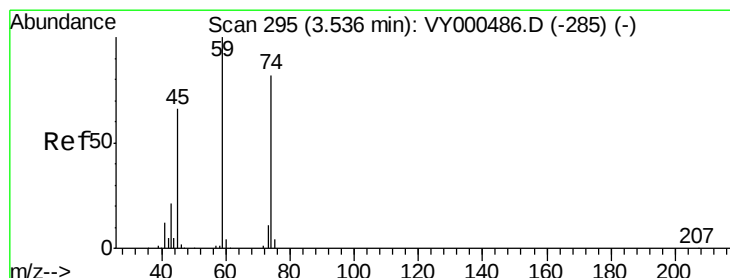
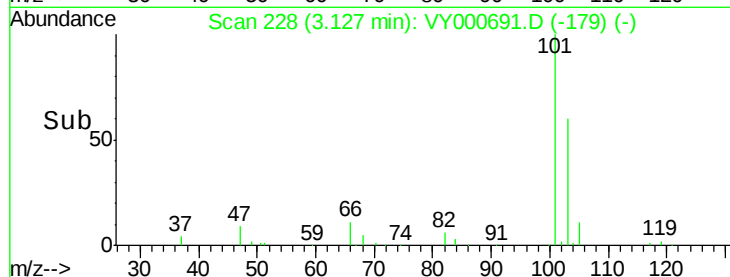
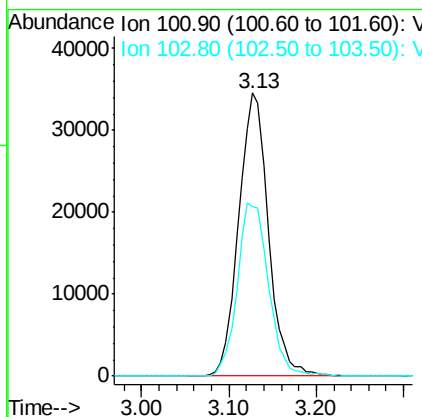
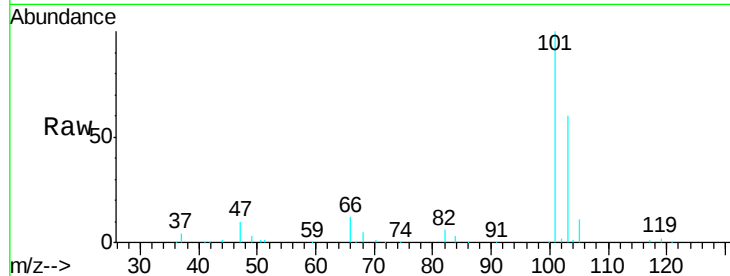
Trichlorofluoromethane
Concen: 22.522 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.0	50.5	75.7

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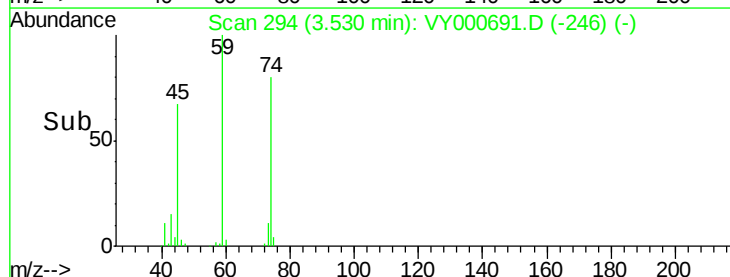
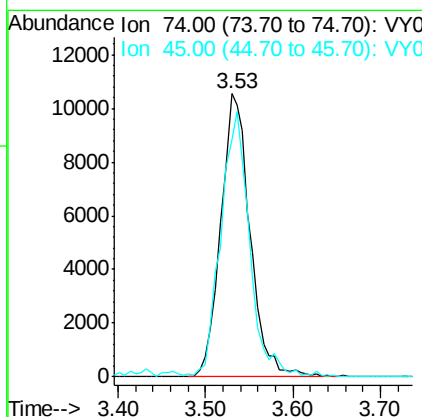
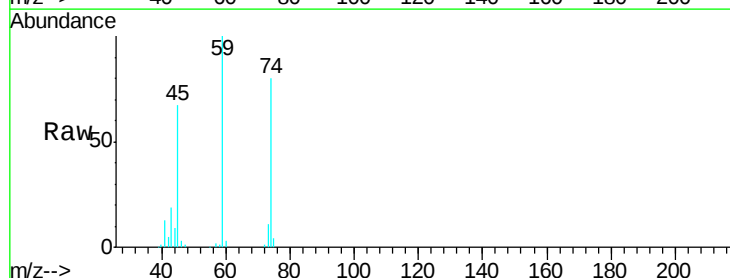
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#8

Diethyl Ether
Concen: 19.033 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.467 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

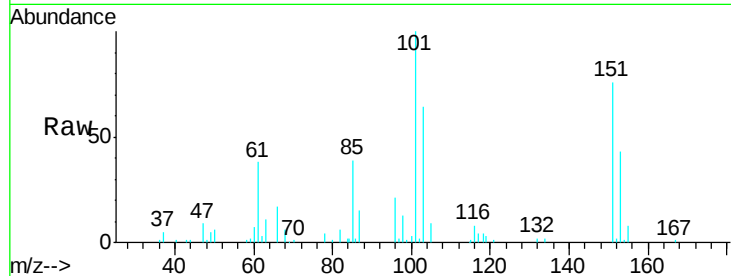
ClientSampleId :

VY1115SBS01

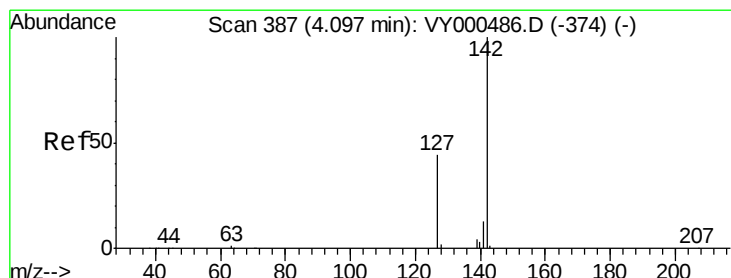
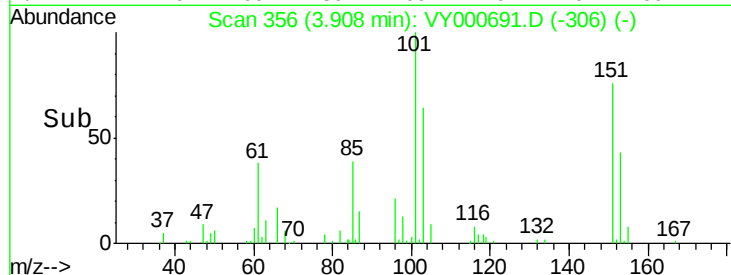
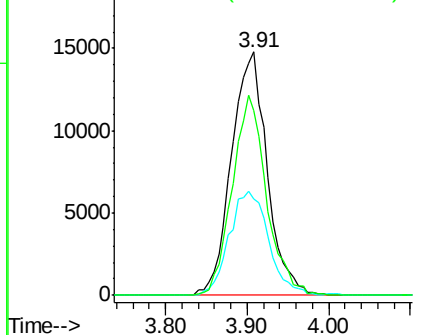
Tgt Ion:	101	Resp:	44778
Ion Ratio	Lower	Upper	
101	100		
85	46.9	36.7	55.1
151	78.9	64.3	96.5

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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: 12.099 ug/l

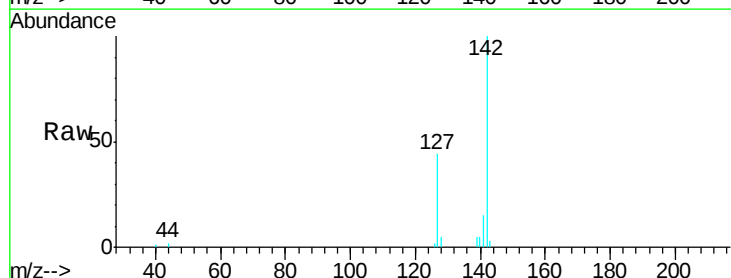
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

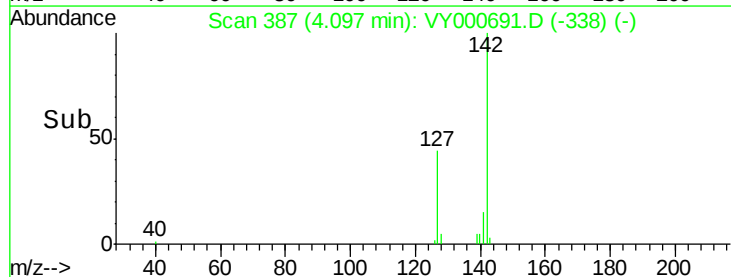
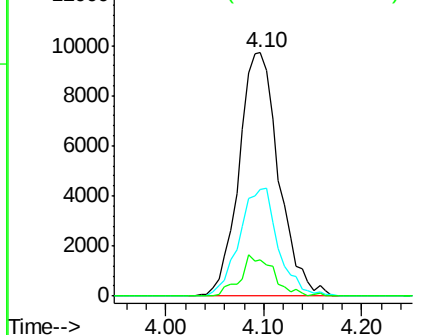
Lab File: VY000691.D

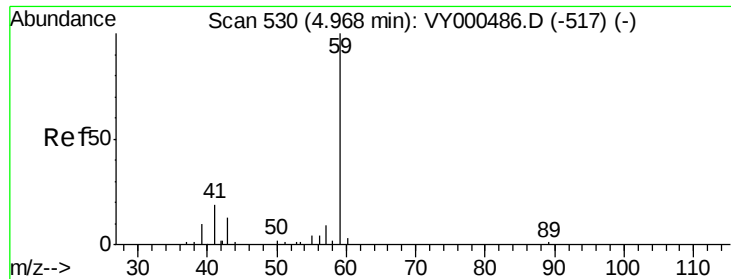
Acq: 15 Nov 2019 11:32

Tgt Ion:	142	Resp:	27382
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.7	50.5
141	14.0	10.9	16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





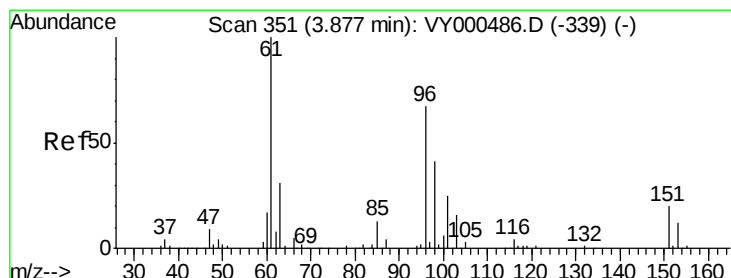
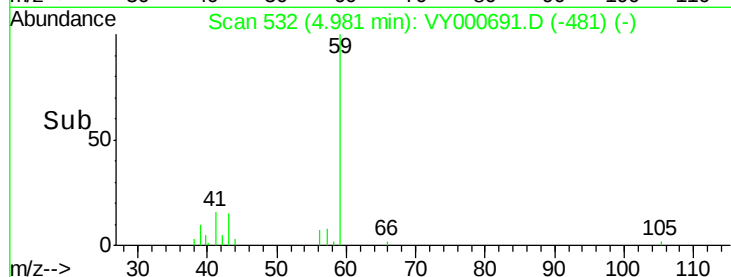
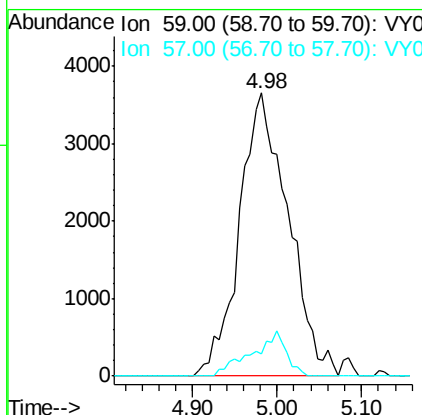
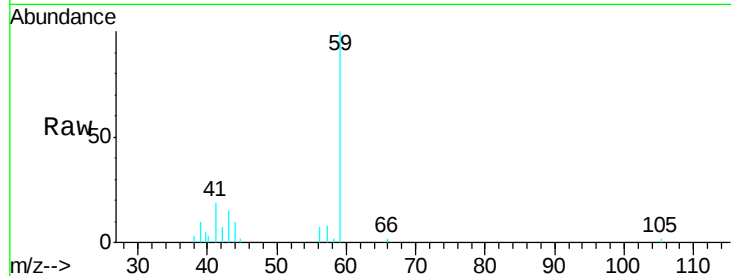
#11
Tert butyl alcohol
Concen: 67.216 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 59 Resp: 14409
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

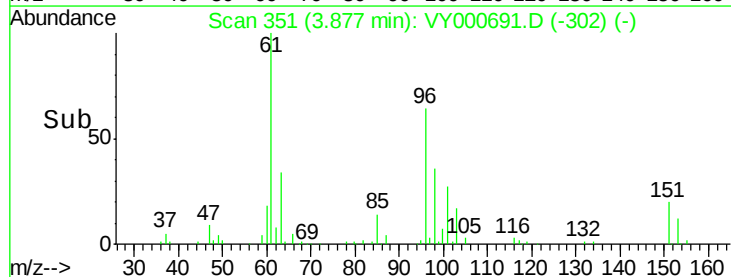
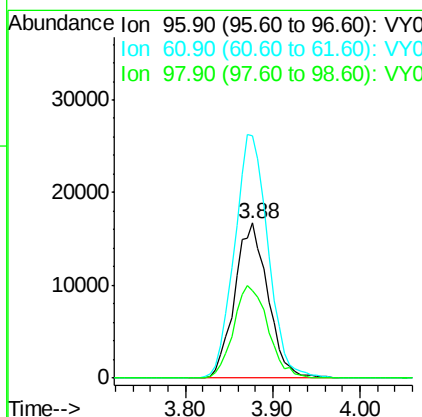
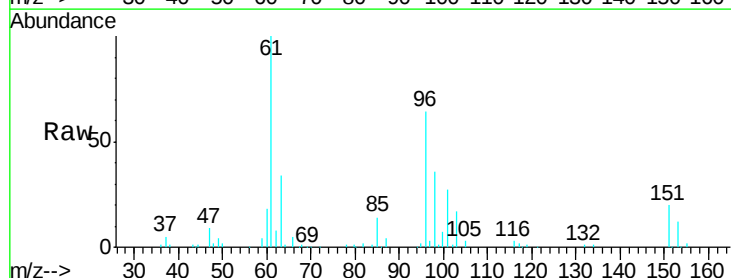
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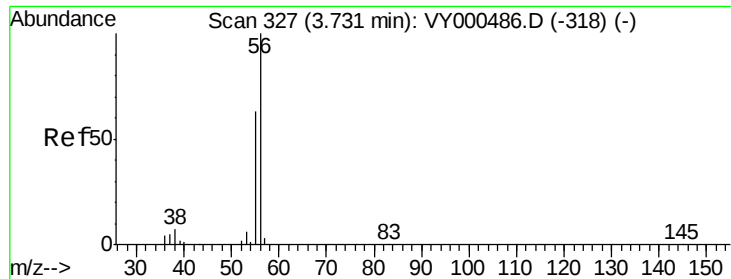
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.782 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion: 96 Resp: 44175
Ion Ratio Lower Upper
96 100
61 156.1 119.2 178.8
98 56.4 48.6 73.0





#13

Acrolein

Concen: 62.423 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 56 Resp: 11656

Ion Ratio Lower Upper

56 100

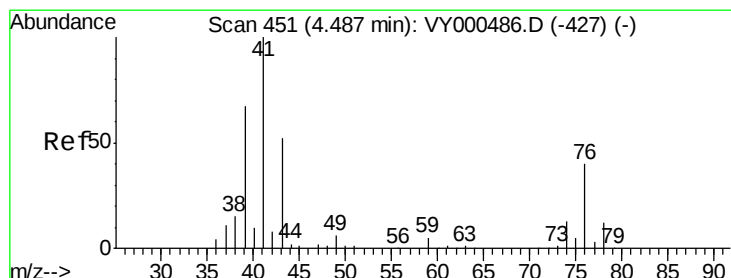
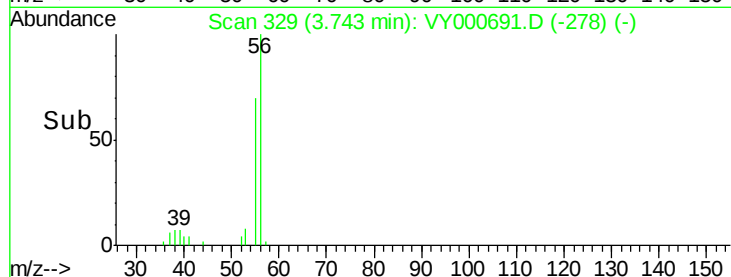
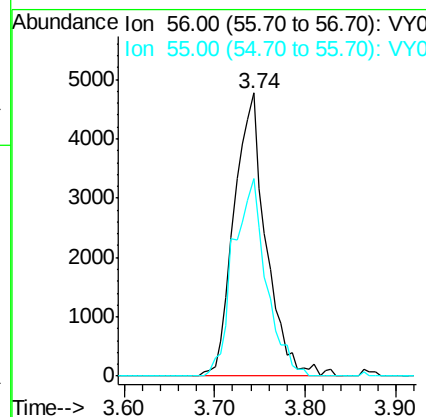
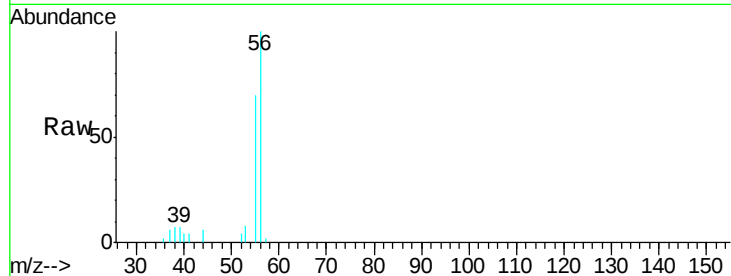
55 71.8 57.0 85.6

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#14

Allyl chloride

Concen: 21.081 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

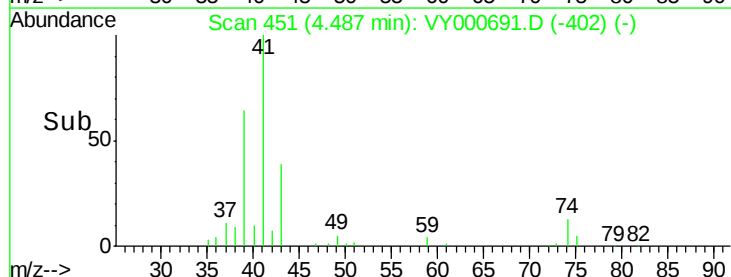
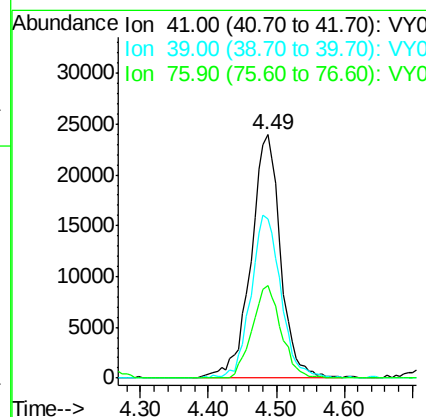
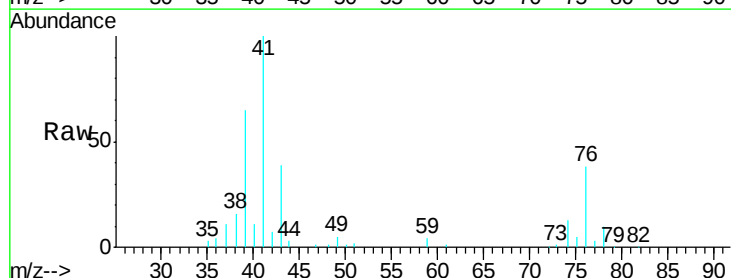
Tgt Ion: 41 Resp: 72864

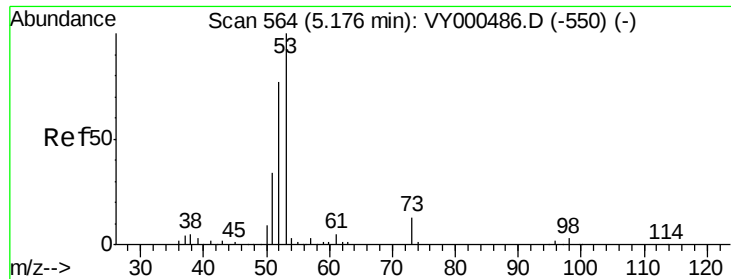
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 86.842 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

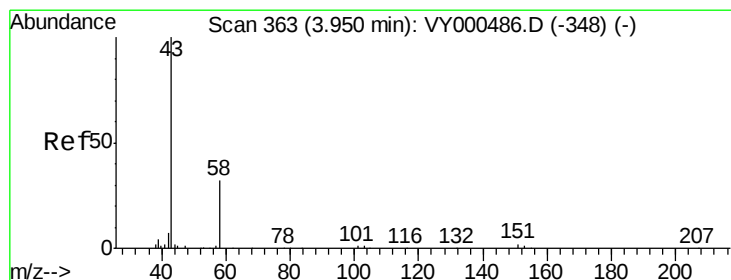
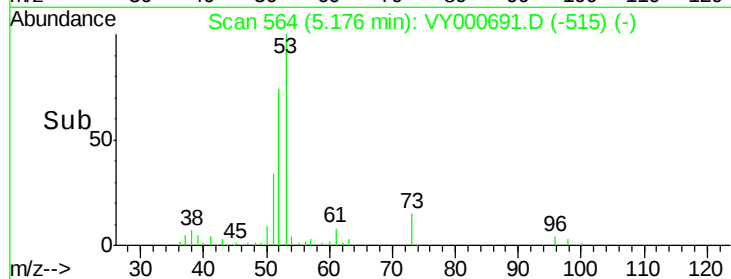
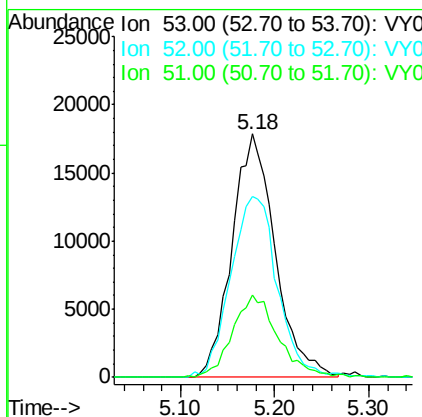
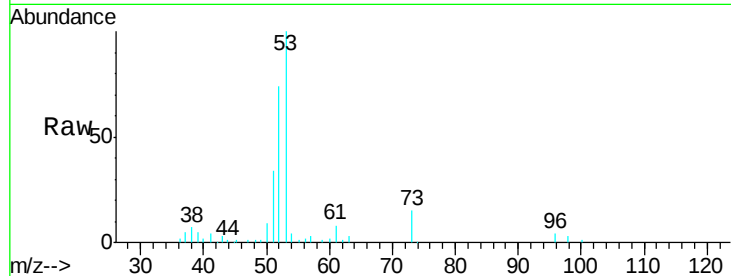
ClientSampleId :

VY1115SBS01

Tgt Ion:	53	Resp:	57204
Ion	Ratio	Lower	Upper
53	100		
52	80.6	64.9	97.3
51	35.9	27.6	41.4

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#16

Acetone

Concen: 75.110 ug/l

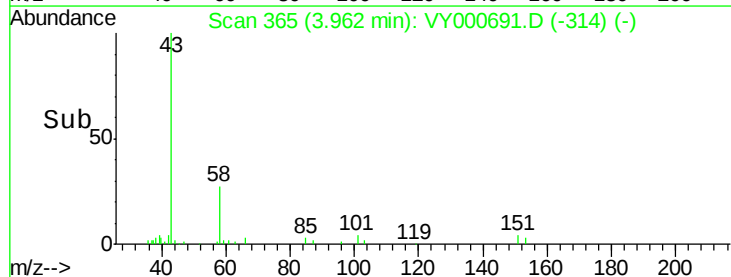
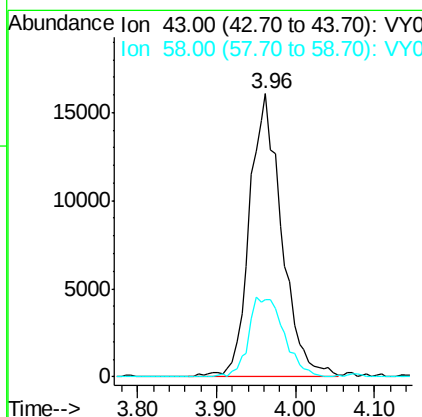
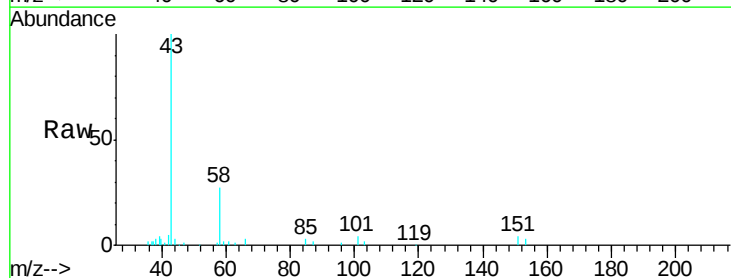
RT: 3.96 min Scan# 365

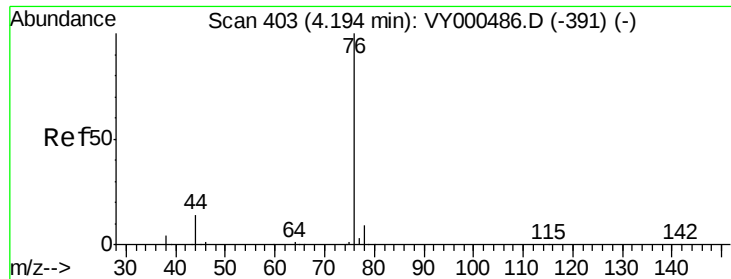
Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion:	43	Resp:	45588
Ion	Ratio	Lower	Upper
43	100		
58	27.3	25.8	38.6





#17

Carbon Disulfide

Concen: 19.485 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 76 Resp: 130630

Ion Ratio Lower Upper

76 100

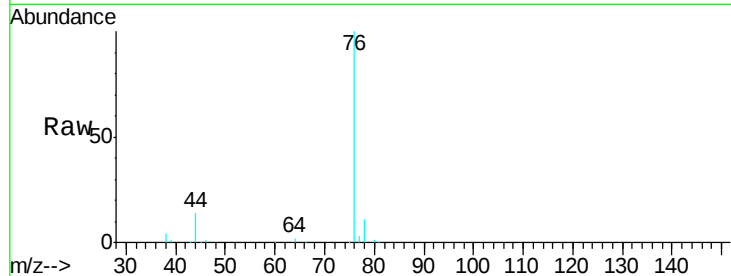
78 10.8 7.5 11.3

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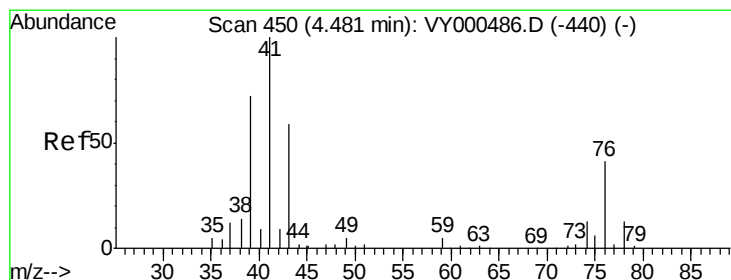
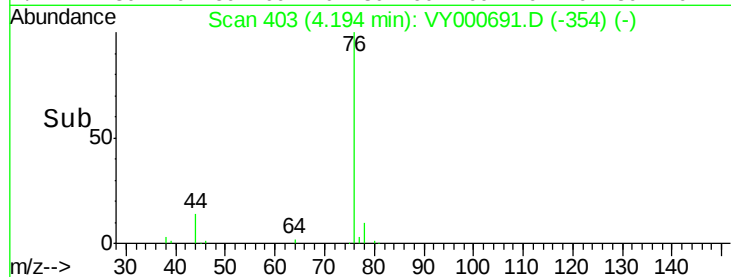
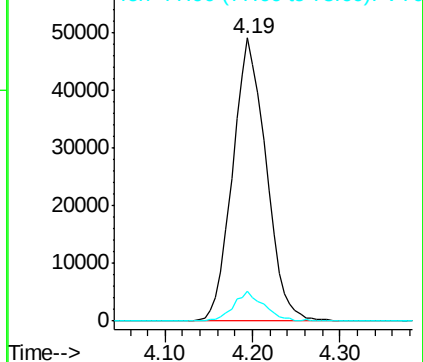
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 16.353 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000691.D

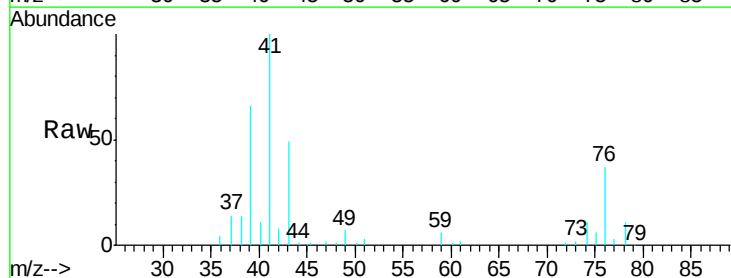
Acq: 15 Nov 2019 11:32

Tgt Ion: 43 Resp: 30861

Ion Ratio Lower Upper

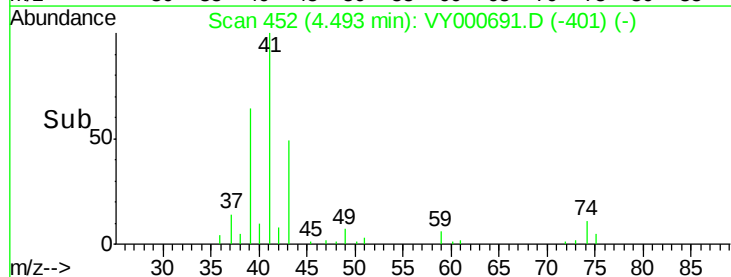
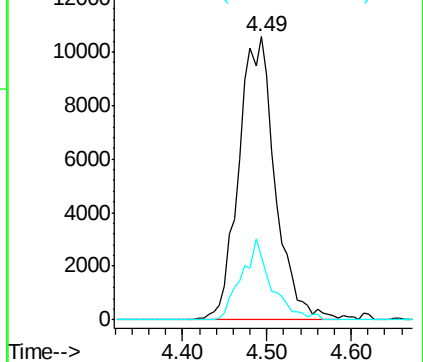
43 100

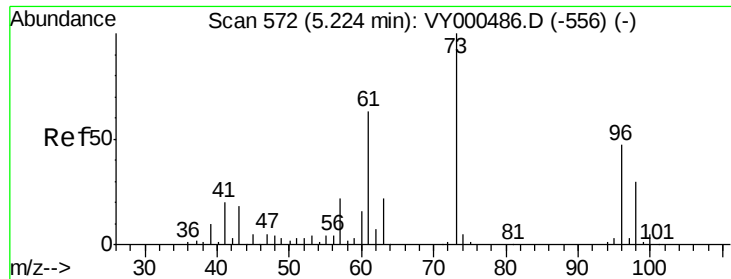
74 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





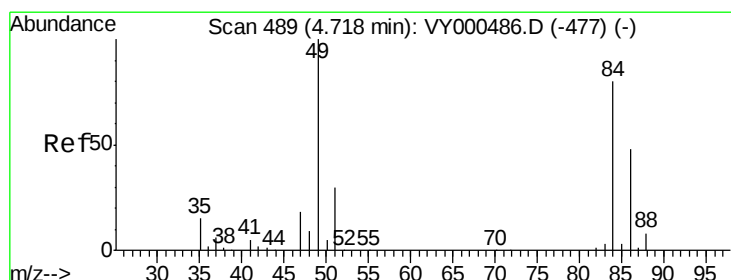
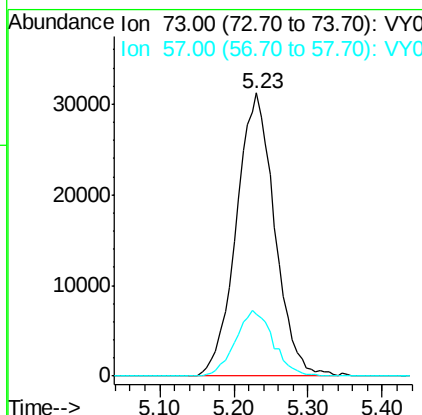
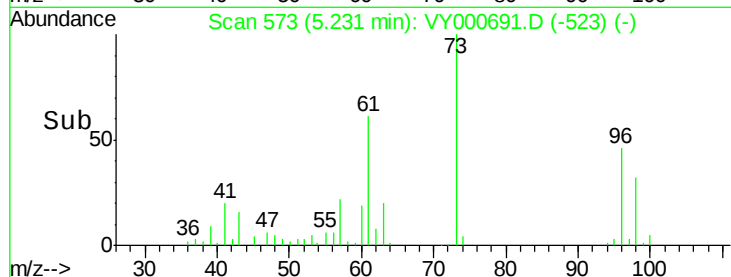
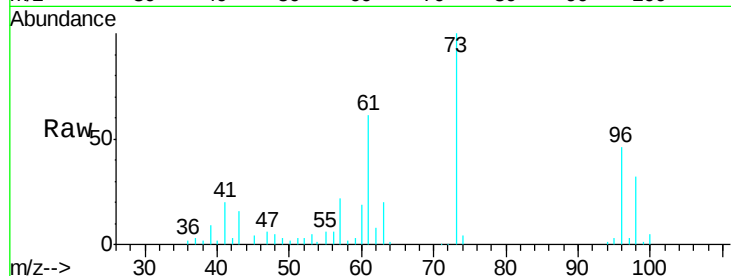
#19
Methyl tert-butyl Ether
Concen: 19.070 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 73 Resp: 112706
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

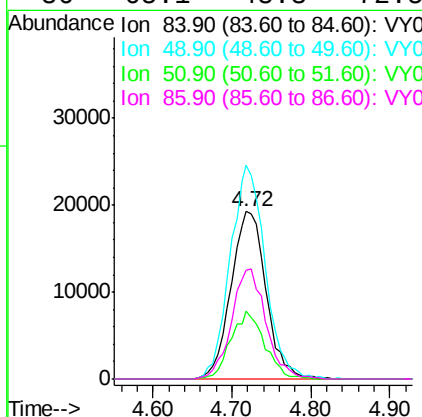
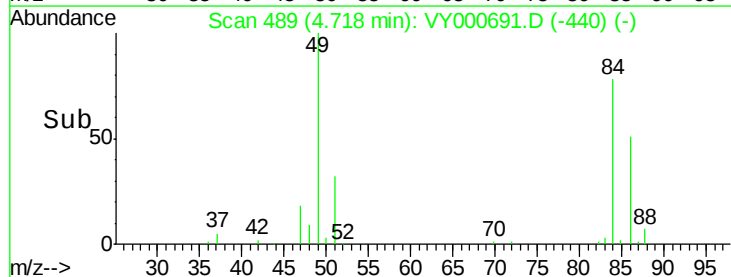
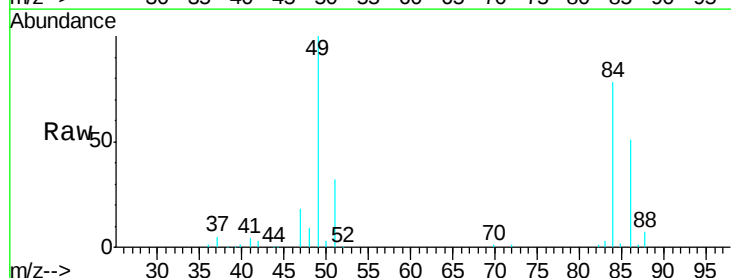
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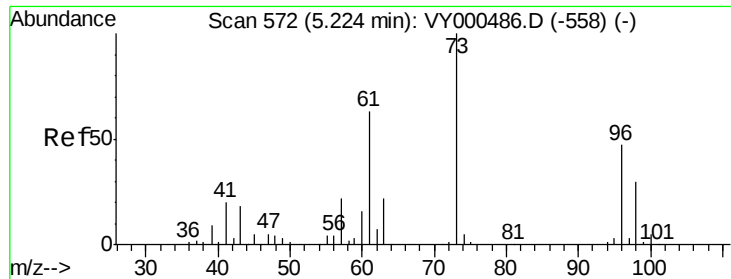
MMDadoda
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#20
Methylene Chloride
Concen: 22.914 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion: 84 Resp: 59592
Ion Ratio Lower Upper
84 100
49 127.6 100.2 150.4
51 40.3 29.6 44.4
86 65.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.706 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

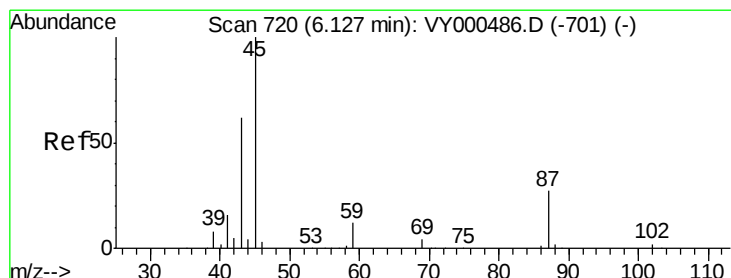
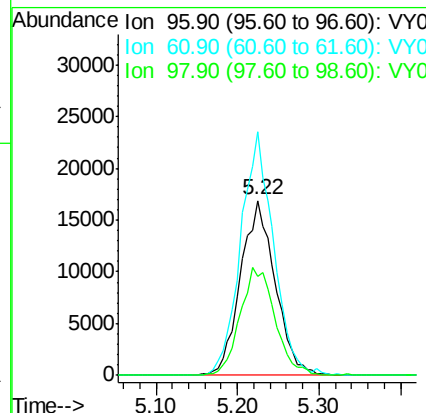
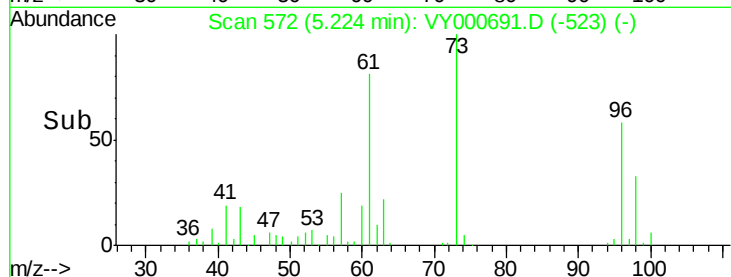
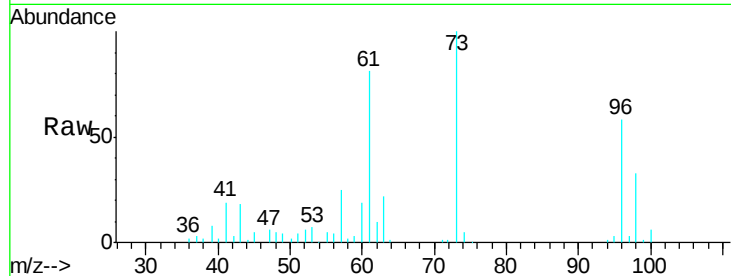
ClientSampleId :

VY1115SBS01

Tgt Ion:	96	Resp:	49758
Ion	Ratio	Lower	Upper
96	100		
61	139.5	106.6	160.0
98	56.8	50.6	76.0

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#22

Diisopropyl ether

Concen: 20.646 ug/l

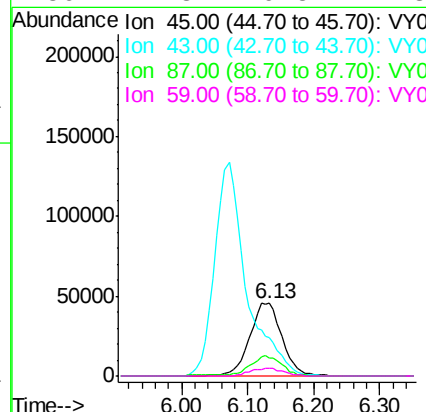
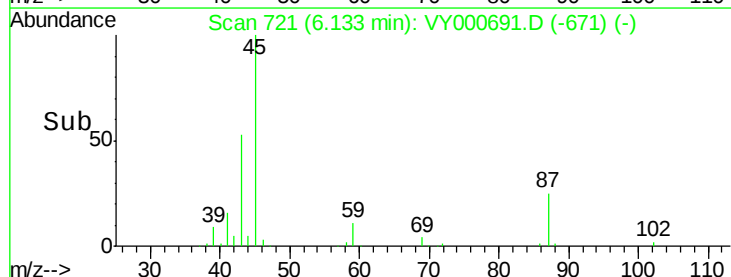
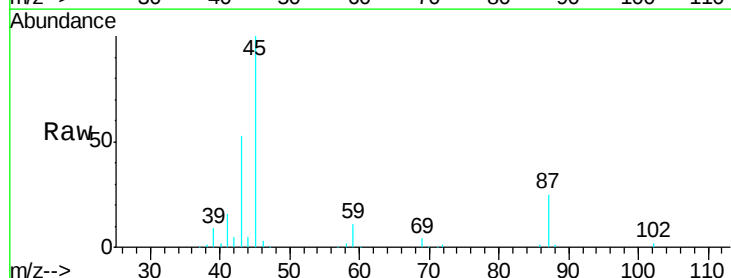
RT: 6.13 min Scan# 721

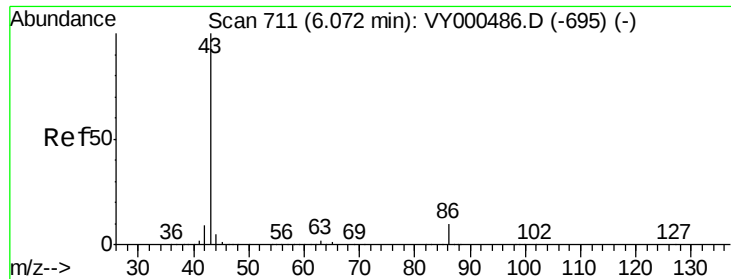
Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion:	45	Resp:	155103
Ion	Ratio	Lower	Upper
45	100		
43	53.3	50.0	75.0
87	25.4	21.6	32.4
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 94.245 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 43 Resp: 446942

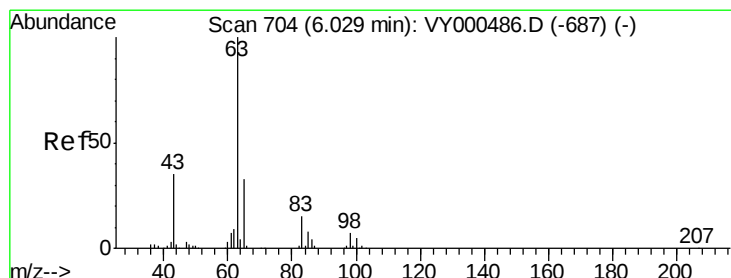
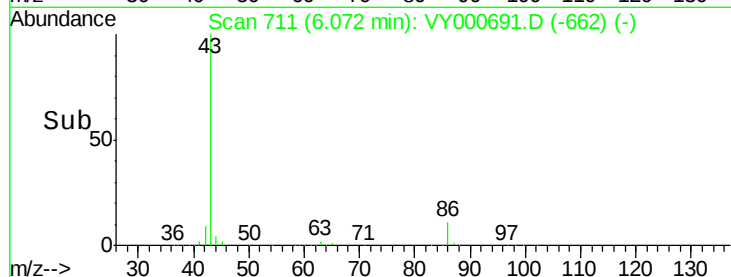
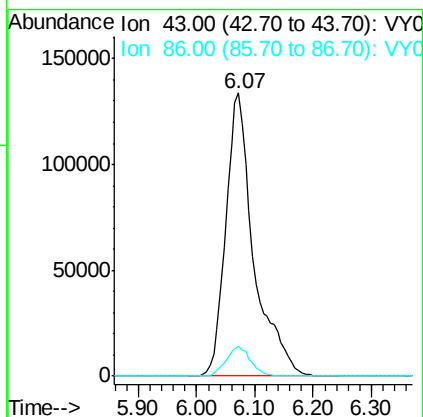
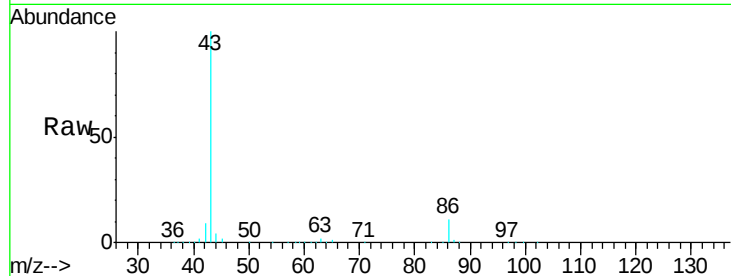
Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 21.305 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

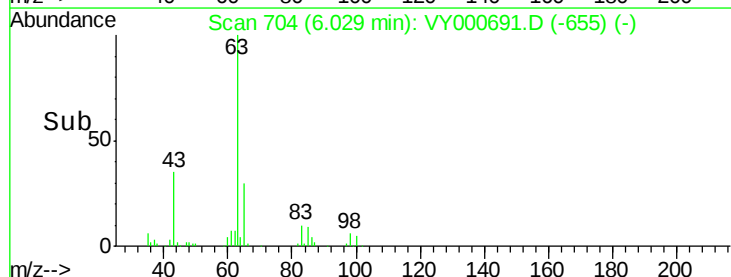
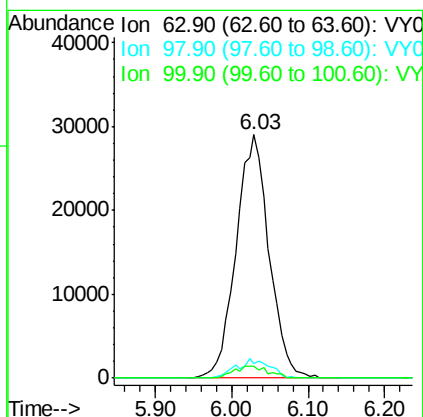
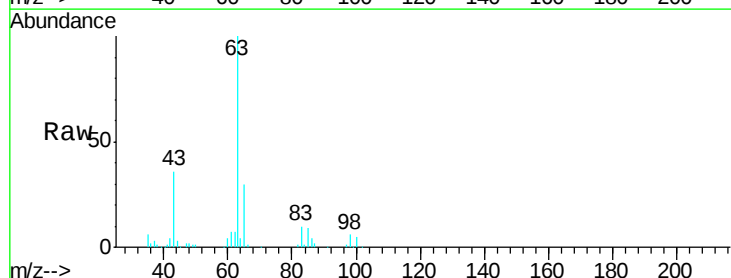
Tgt Ion: 63 Resp: 86709

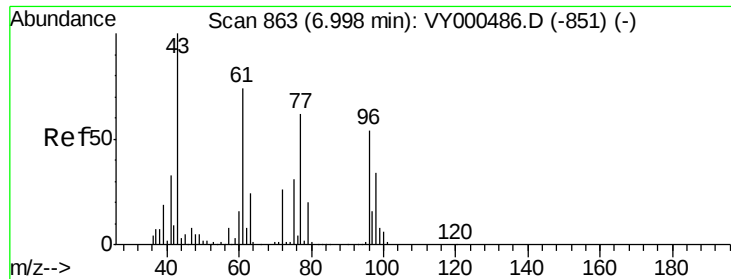
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 75.807 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 43 Resp: 73430

Ion Ratio Lower Upper

43 100

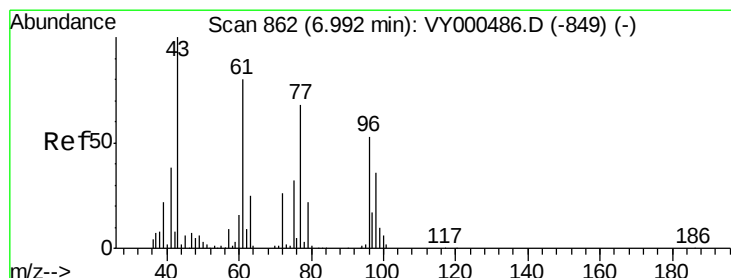
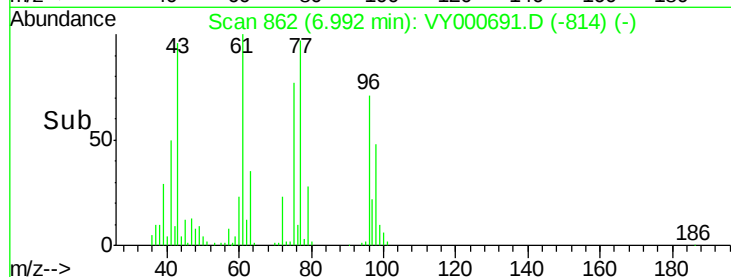
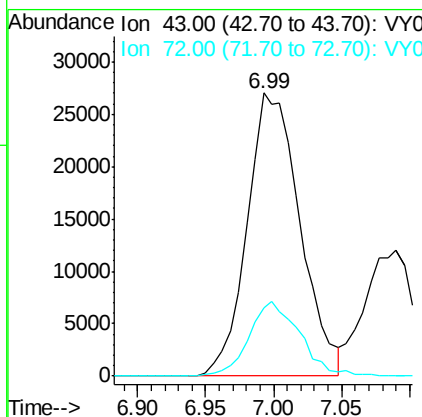
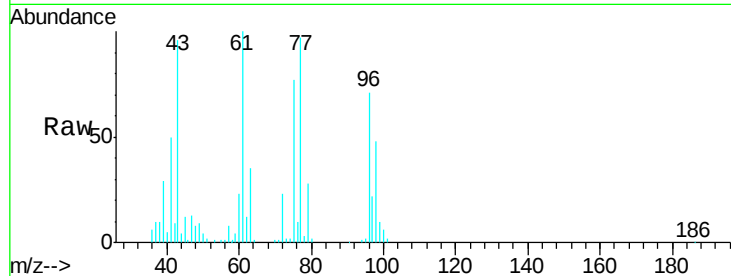
72 24.3 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.547 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000691.D

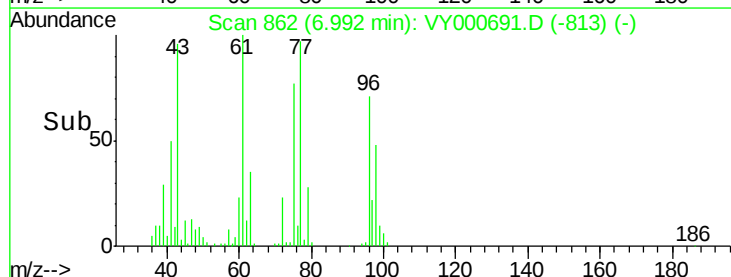
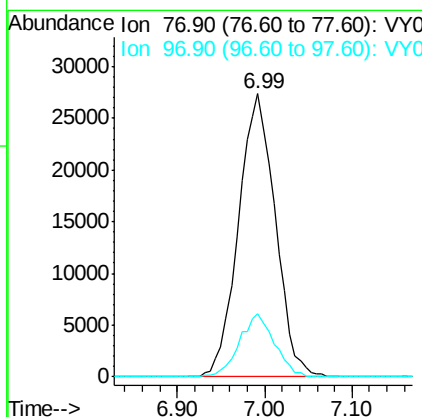
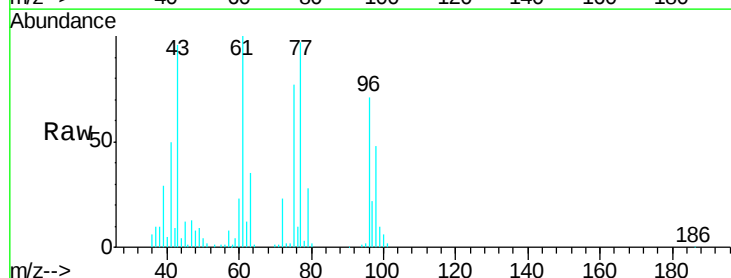
Acq: 15 Nov 2019 11:32

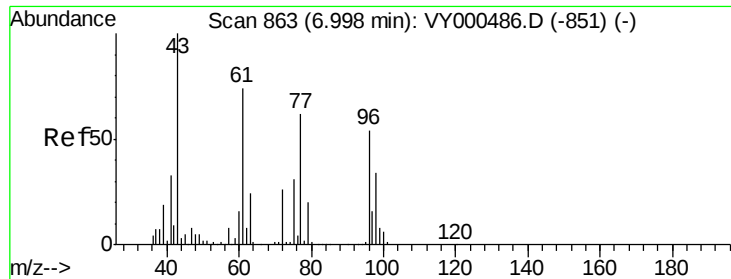
Tgt Ion: 77 Resp: 80140

Ion Ratio Lower Upper

77 100

97 21.1 11.8 35.4





#27

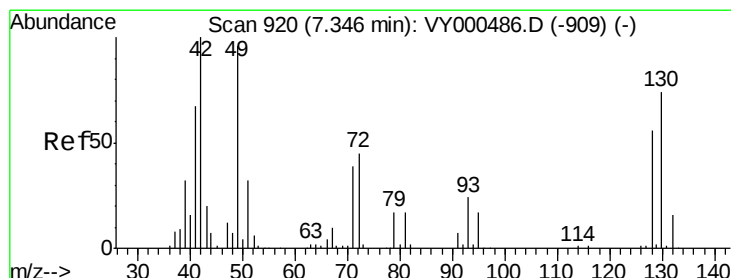
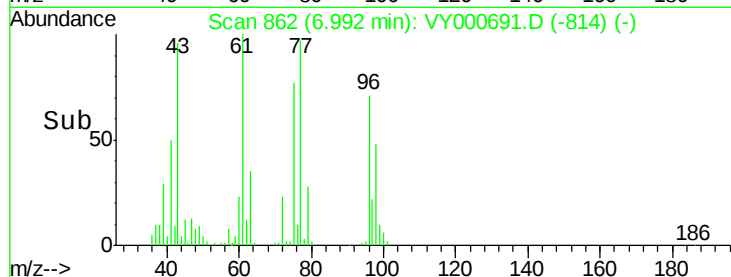
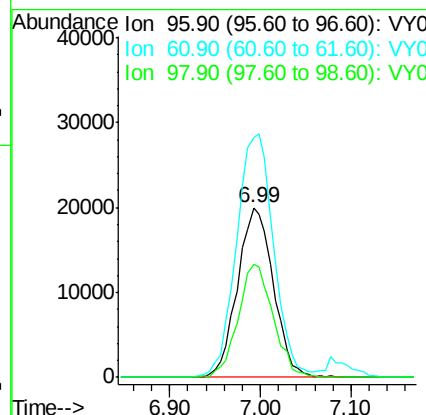
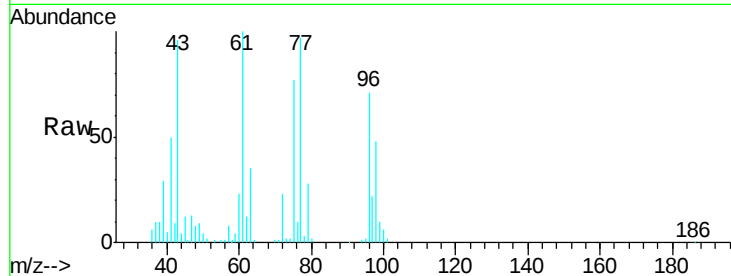
cis-1,2-Dichloroethene
Concen: 20.795 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	287.0
98	65.1	0.0	129.4

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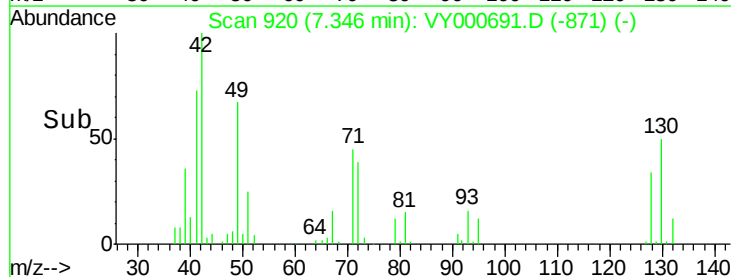
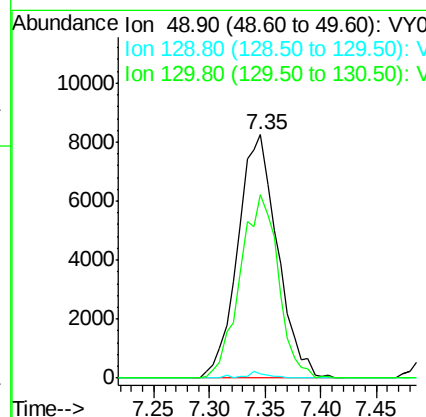
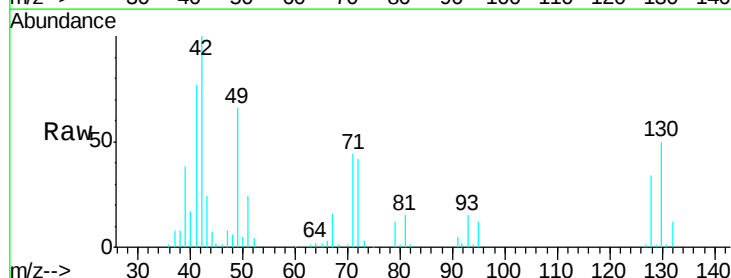
MMDadoda
11/18/2019 3:24:15 PM

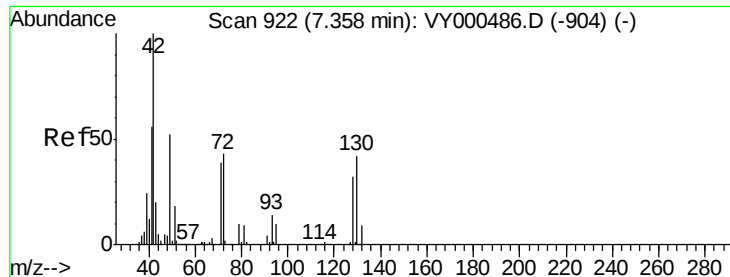


#28

Bromochloromethane
Concen: 14.174 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	72.6	59.4	89.0





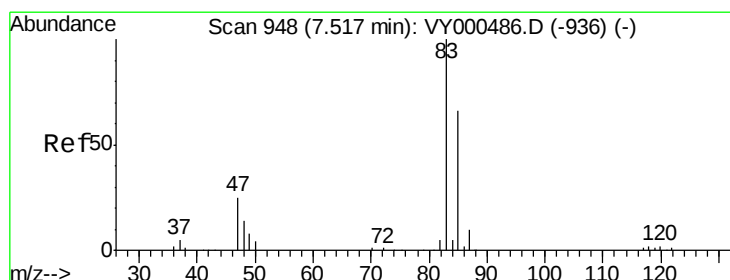
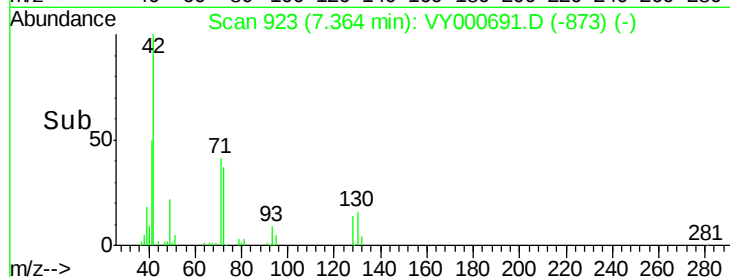
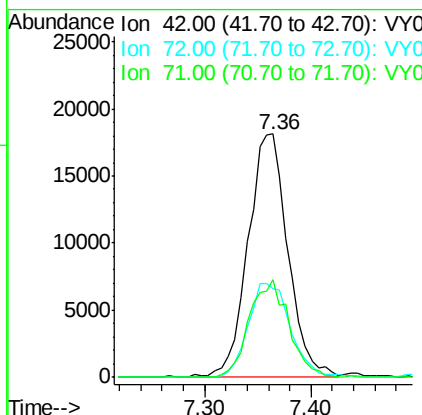
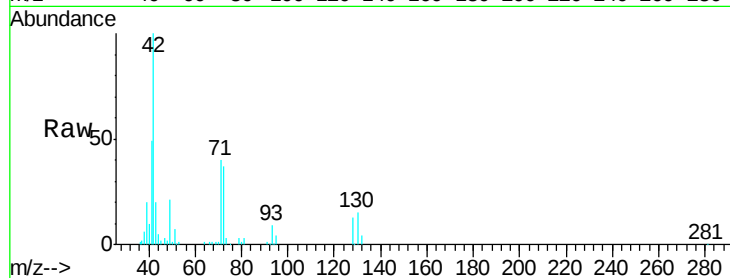
#29
Tetrahydrofuran
Concen: 80.522 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.2	34.0	51.0
71	39.6	30.8	46.2

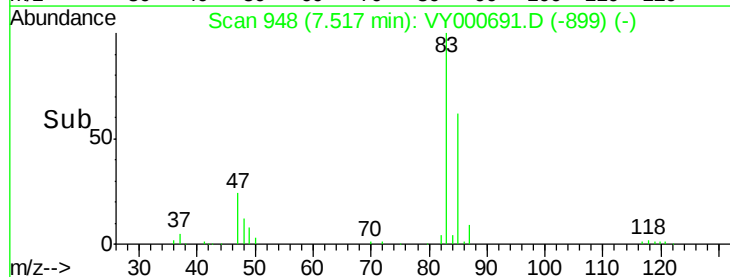
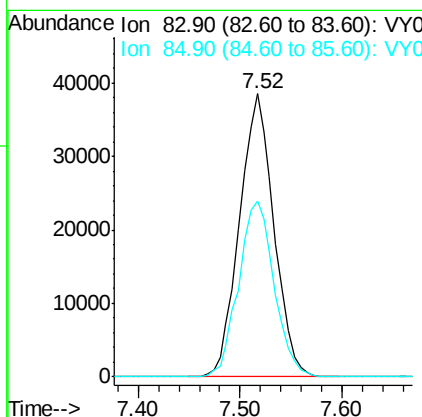
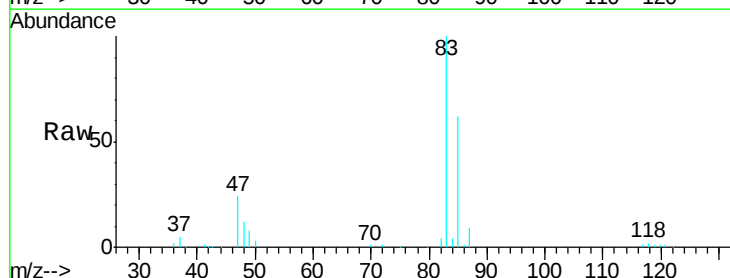
Manual Integrations
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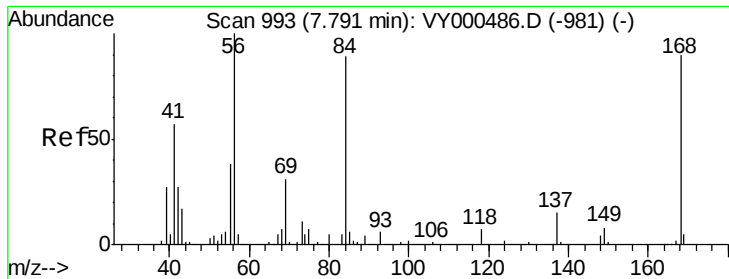
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#30
Chloroform
Concen: 21.854 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.0	79.4





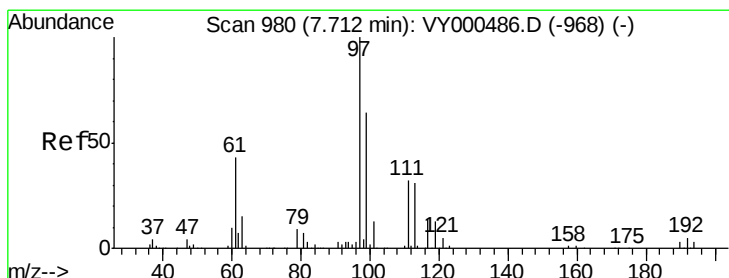
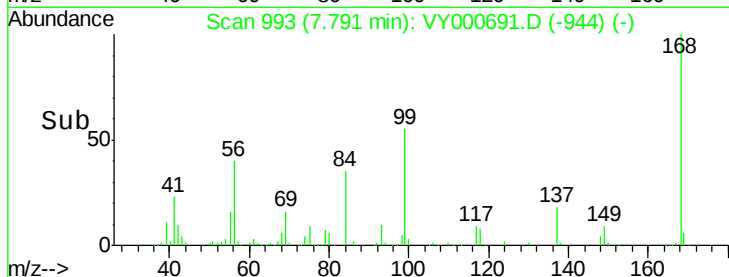
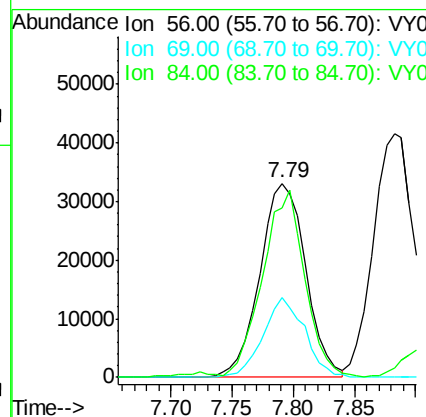
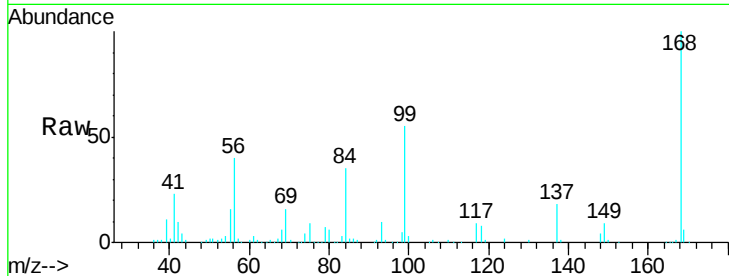
#31
Cyclohexane
Concen: 20.335 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 56 Resp: 86684
Ion Ratio Lower Upper
56 100
69 41.3 25.0 37.6#
84 86.3 71.4 107.2

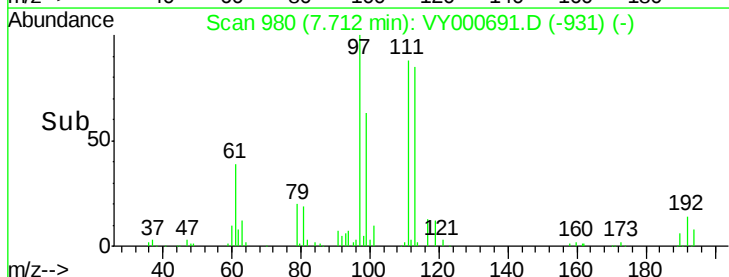
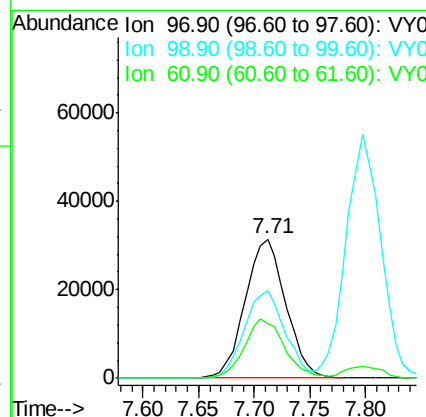
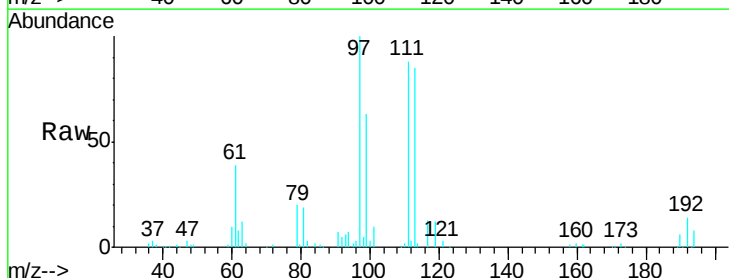
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 21.671 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion: 97 Resp: 79519
Ion Ratio Lower Upper
97 100
99 63.4 50.9 76.3
61 42.2 34.9 52.3





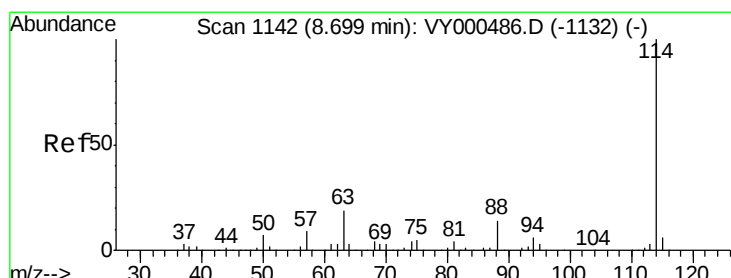
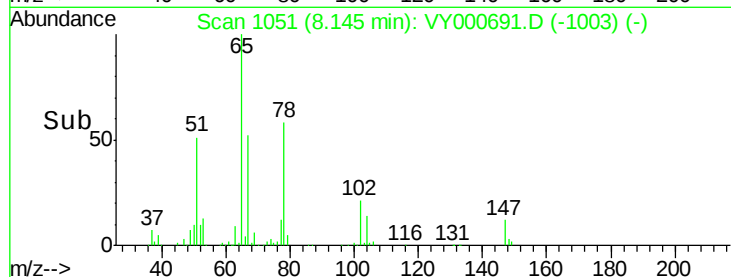
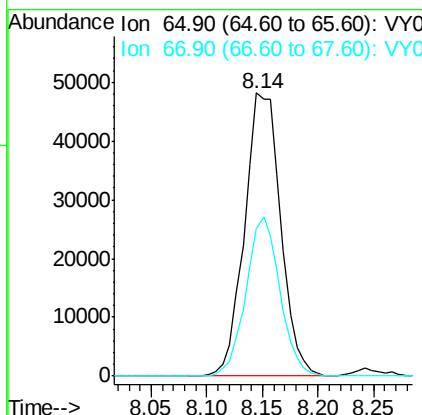
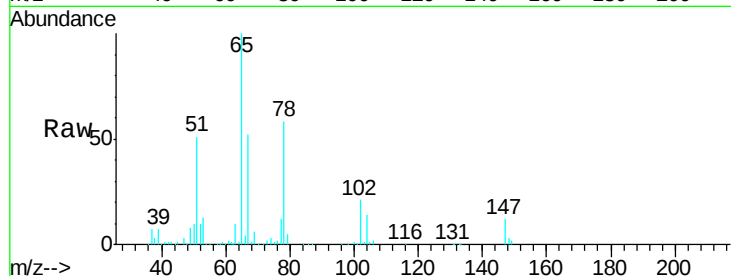
#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion: 65 Resp: 109087
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2

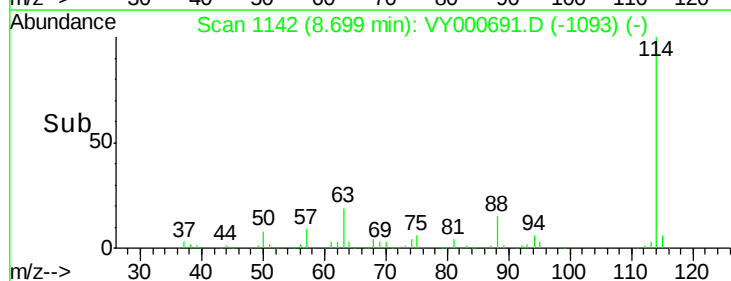
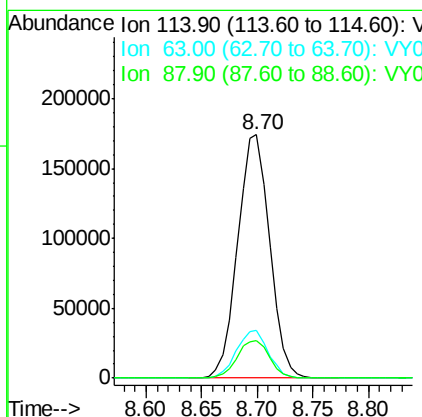
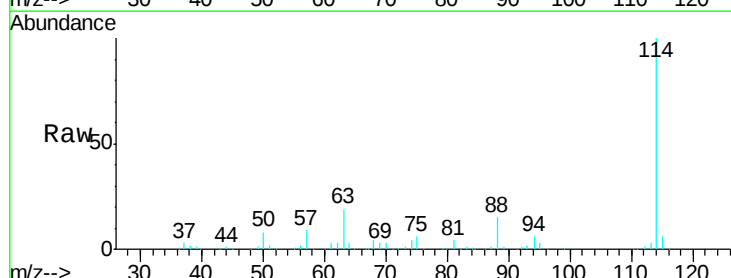
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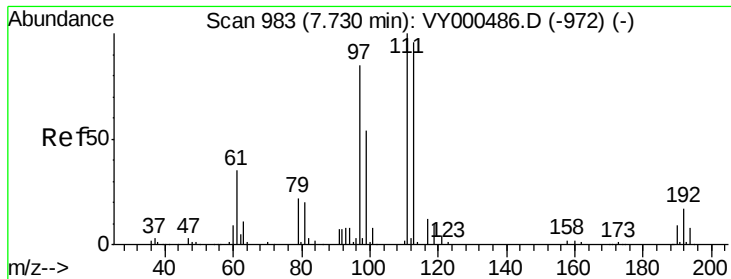
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion: 114 Resp: 347072
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

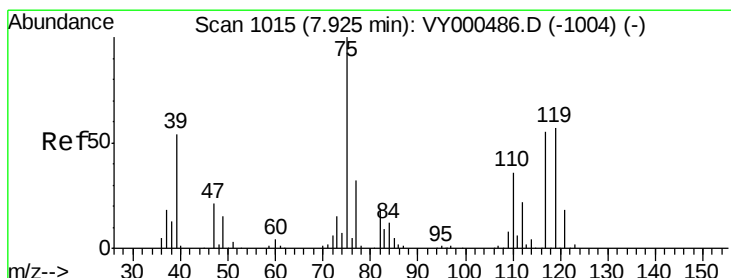
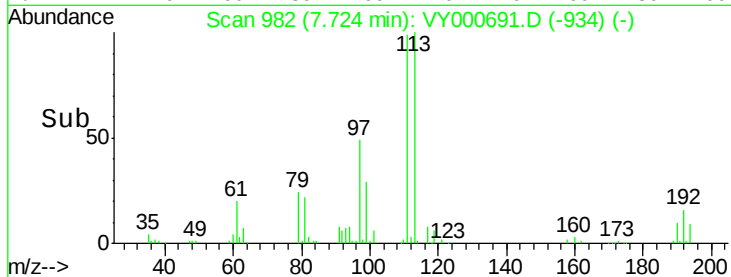
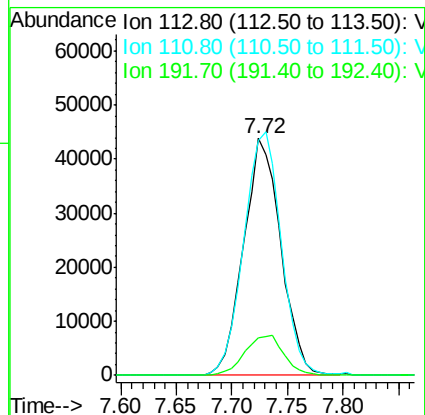
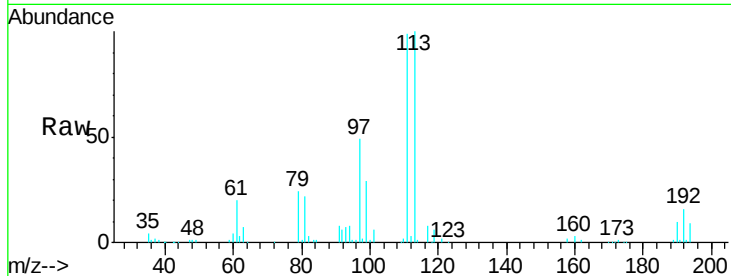
ClientSampleId :

VY1115SBS01

Tgt Ion:	113	Resp:	102180
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.7	122.5
192	17.6	15.0	22.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.111 ug/l

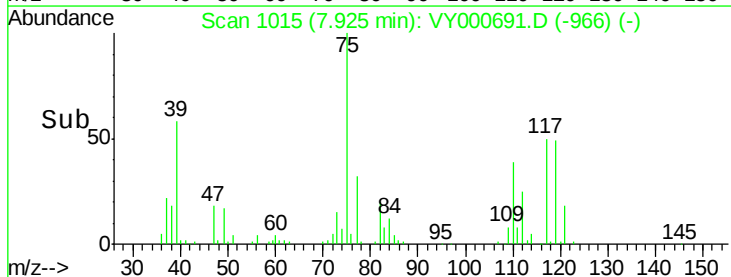
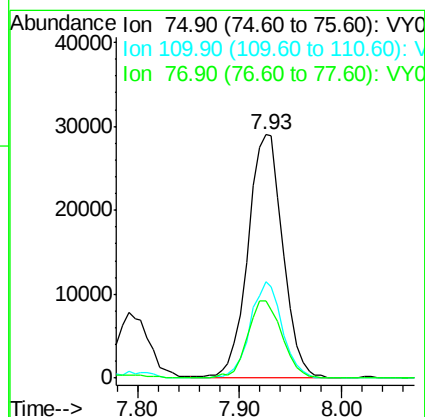
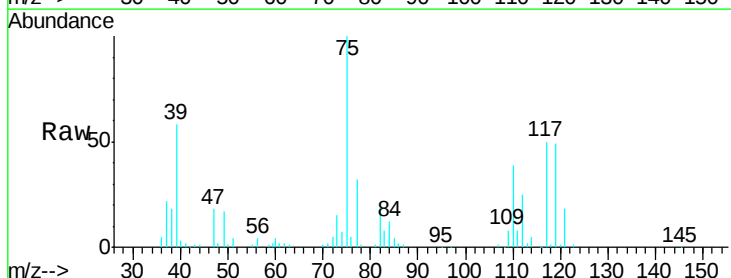
RT: 7.93 min Scan# 1015

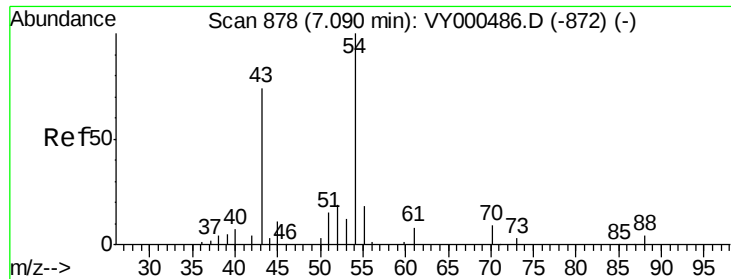
Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion:	75	Resp:	69265
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.1
77	31.4	25.0	37.6





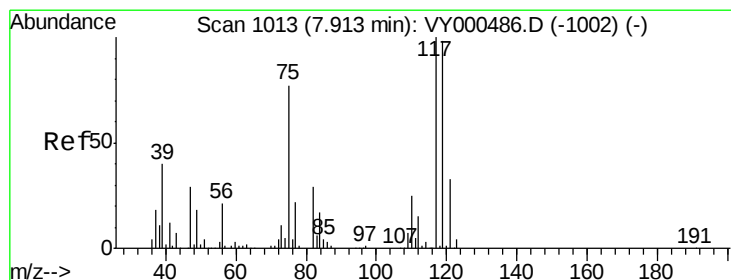
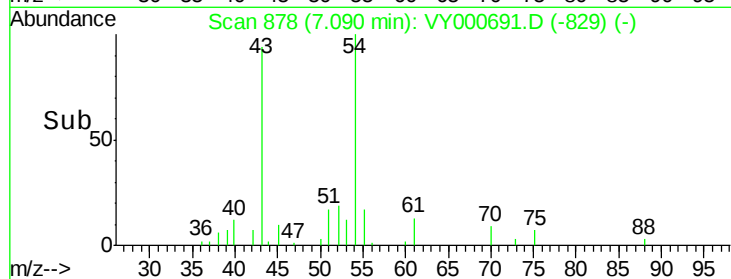
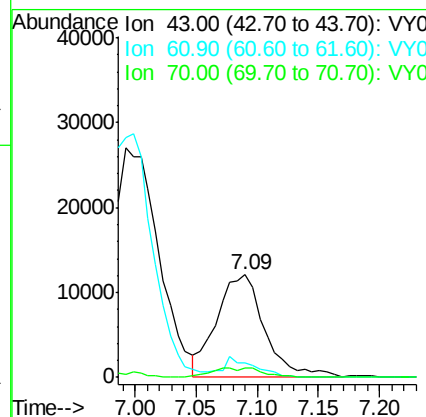
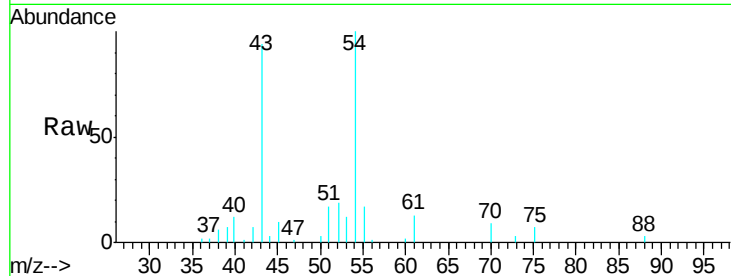
#37
 Ethyl Acetate
 Concen: 16.789 ug/l
 RT: 7.09 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	5.5	7.8	11.8

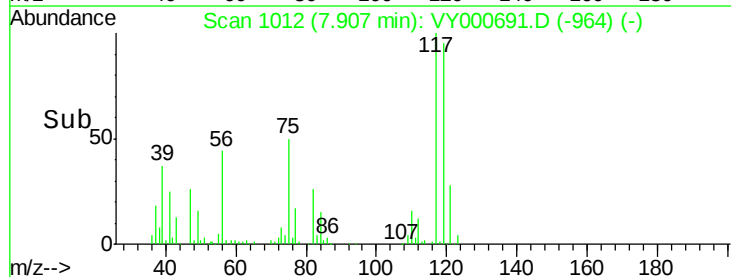
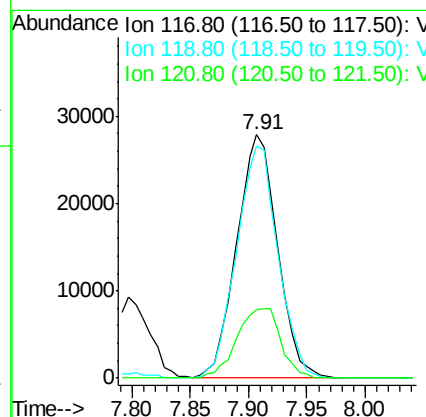
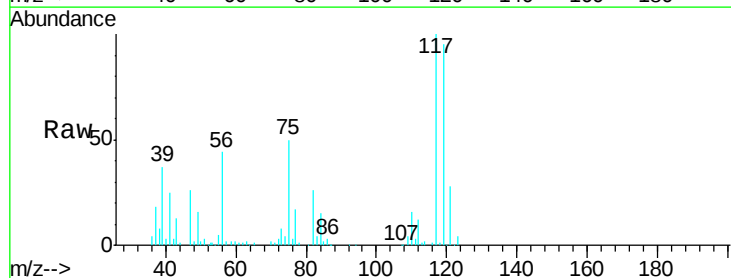
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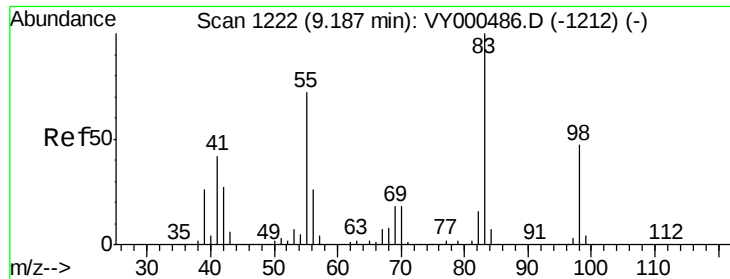
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#38
 Carbon Tetrachloride
 Concen: 21.547 ug/l
 RT: 7.91 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.0	117.0
121	27.9	26.6	40.0





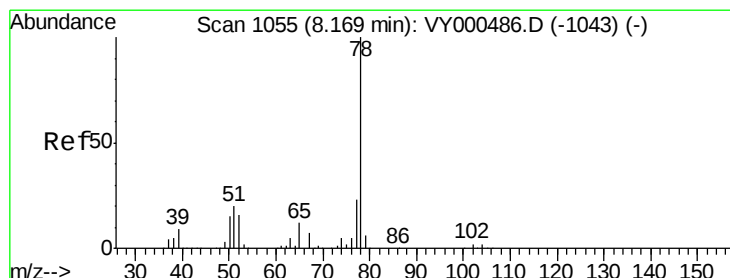
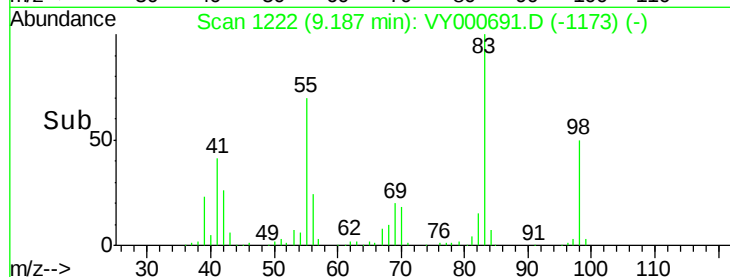
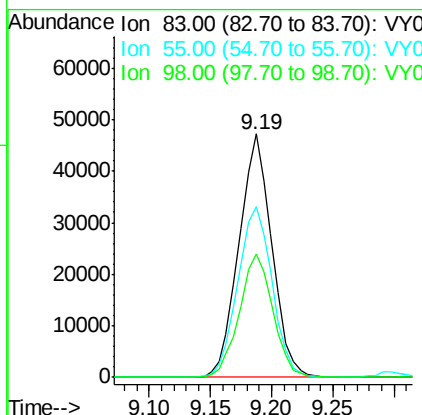
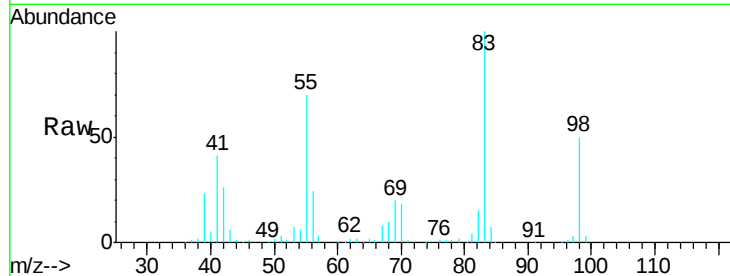
#39
Methylcyclohexane
Concen: 20.759 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.9	57.5	86.3
98	50.4	38.0	57.0

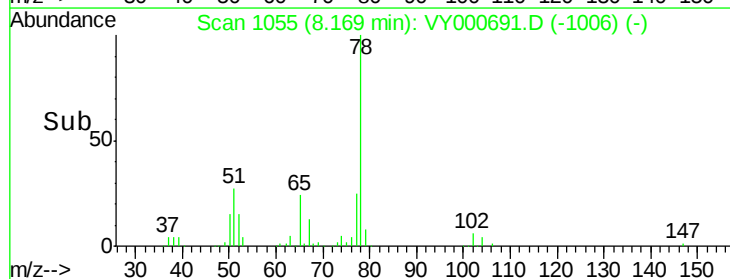
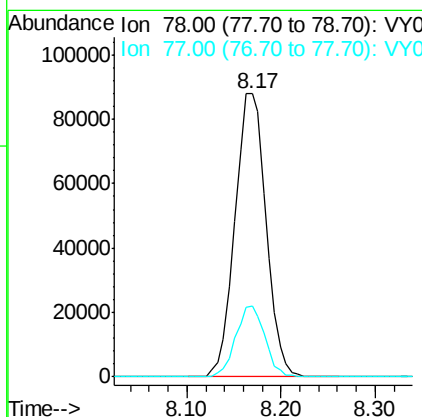
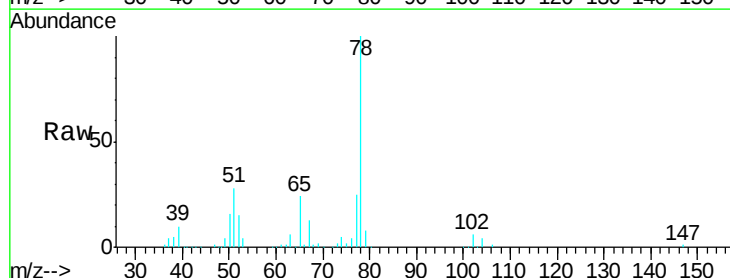
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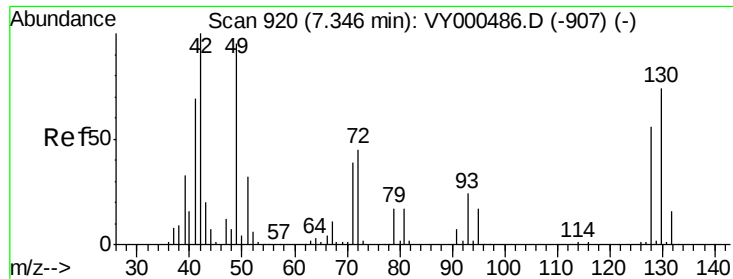
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#40
Benzene
Concen: 21.037 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.6	28.0





#41

Methacrylonitrile

Concen: 14.239 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.02 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 41 Resp: 15473

Ion Ratio Lower Upper

41 100

39 64.1 68.2 102.4#

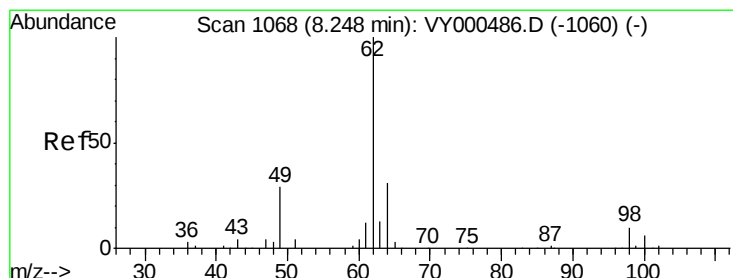
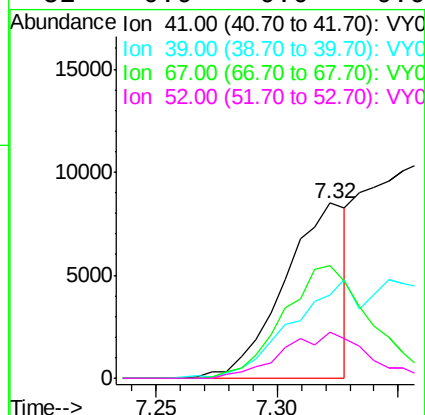
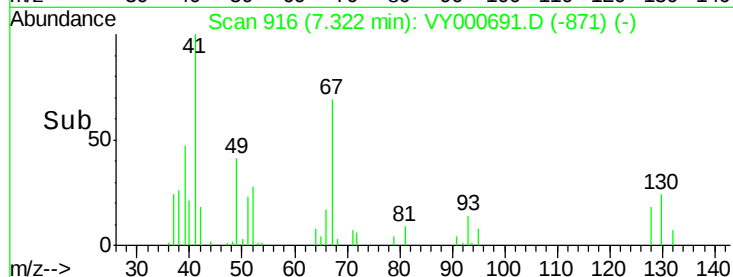
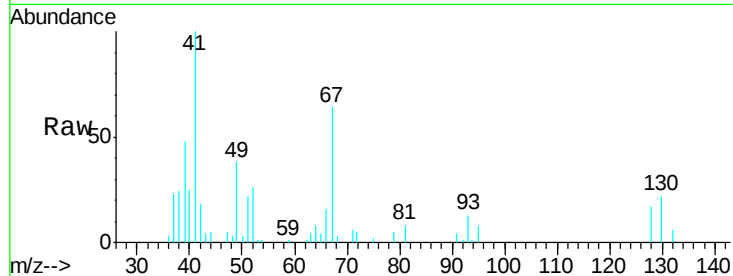
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.540 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000691.D

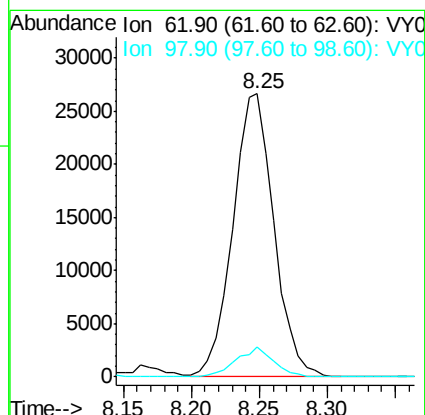
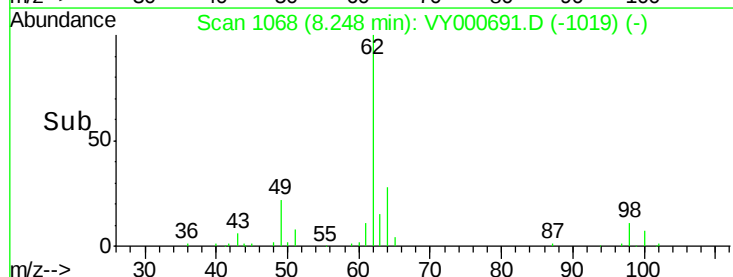
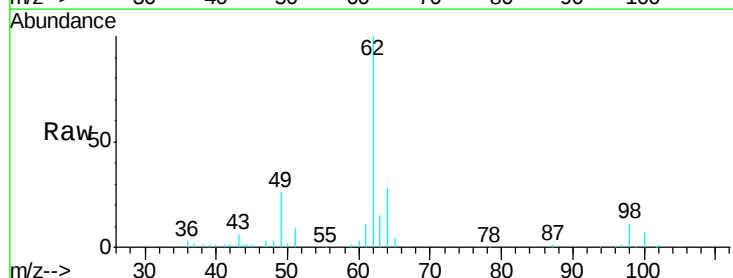
Acq: 15 Nov 2019 11:32

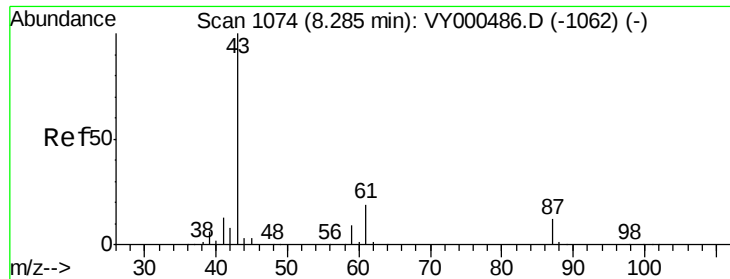
Tgt Ion: 62 Resp: 56039

Ion Ratio Lower Upper

62 100

98 9.7 0.0 19.2





#43

Isopropyl Acetate

Concen: 17.699 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

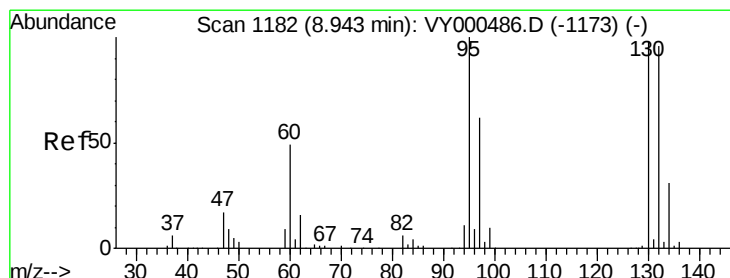
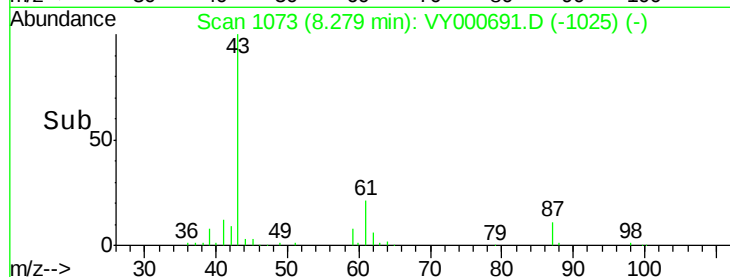
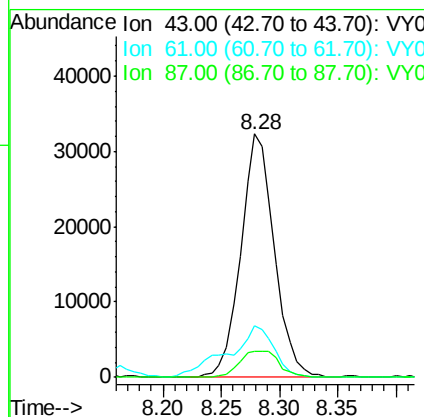
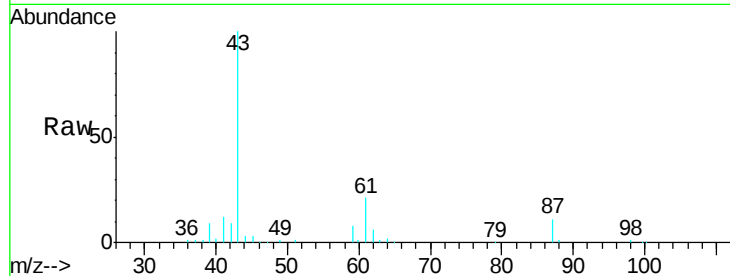
ClientSampleId :

VY1115SBS01

Tgt Ion:	43	Resp:	64764
Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.4
87	12.7	10.5	15.7

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#44

Trichloroethene

Concen: 20.728 ug/l

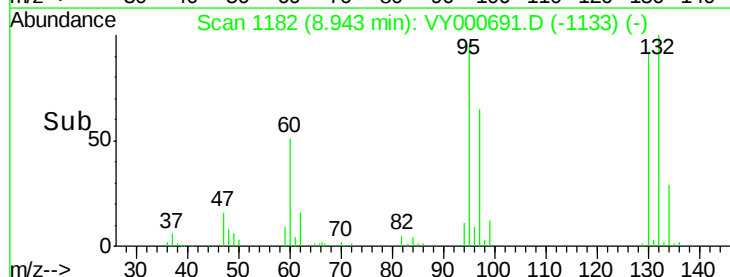
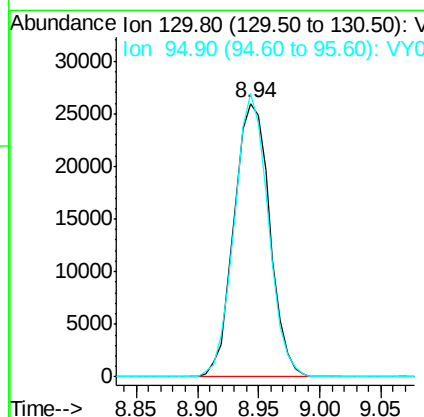
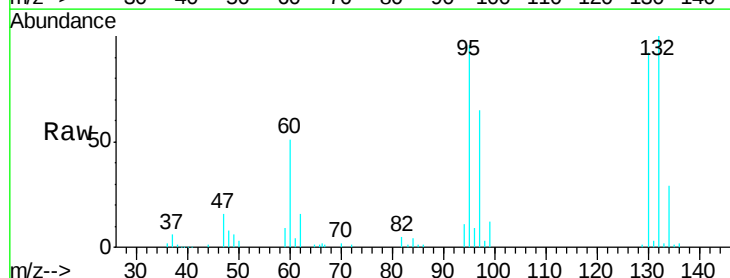
RT: 8.94 min Scan# 1182

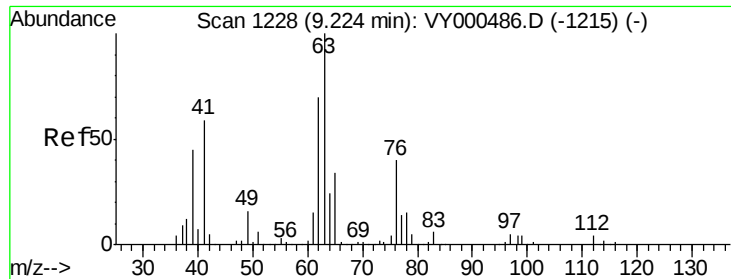
Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion:	130	Resp:	52572
Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	203.2





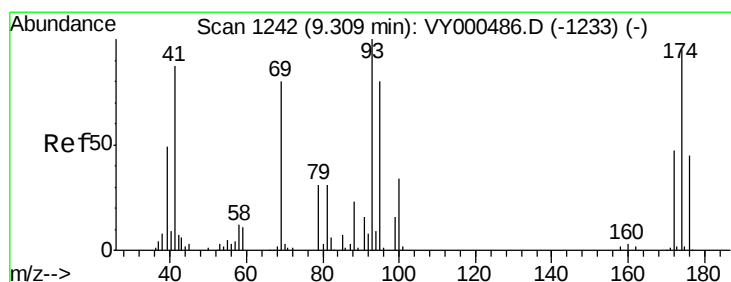
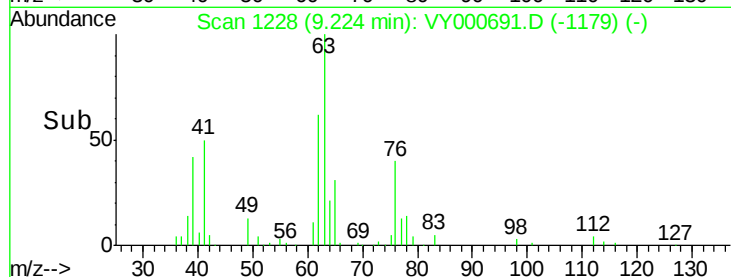
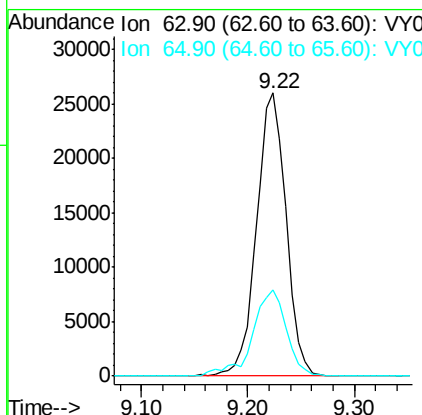
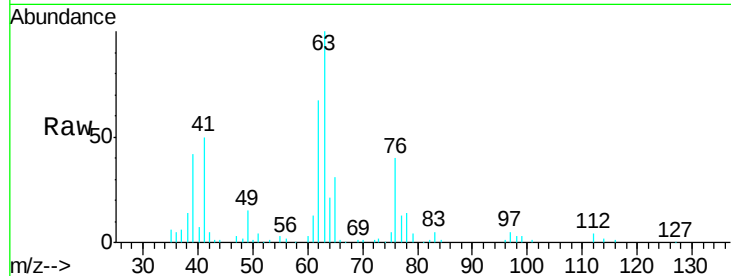
#45
 1,2-Dichloropropane
 Concen: 21.407 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion: 63 Resp: 50680
 Ion Ratio Lower Upper
 63 100
 65 30.6 27.0 40.4

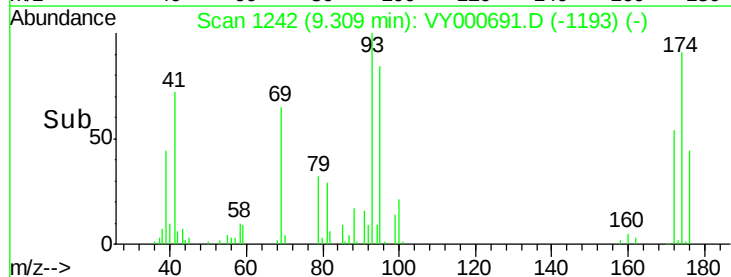
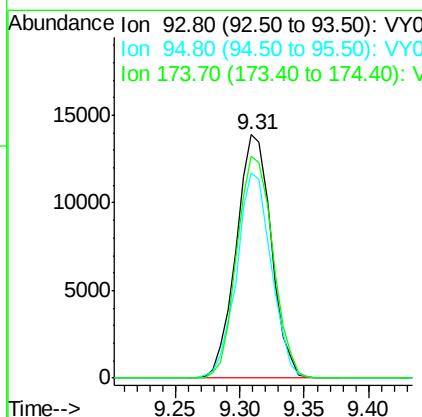
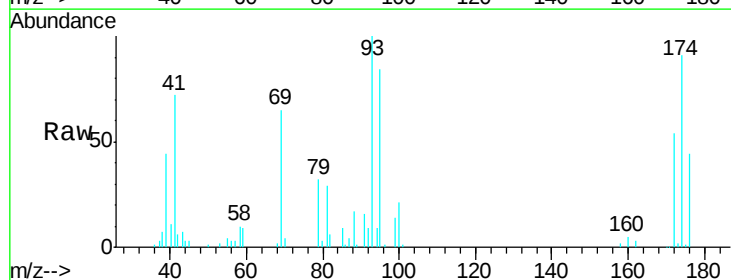
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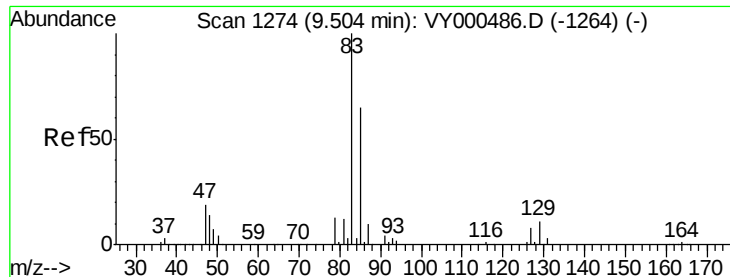
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#46
 Dibromomethane
 Concen: 20.136 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion: 93 Resp: 26218
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 93.5 77.1 115.7





#47

Bromodichloromethane

Concen: 20.954 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

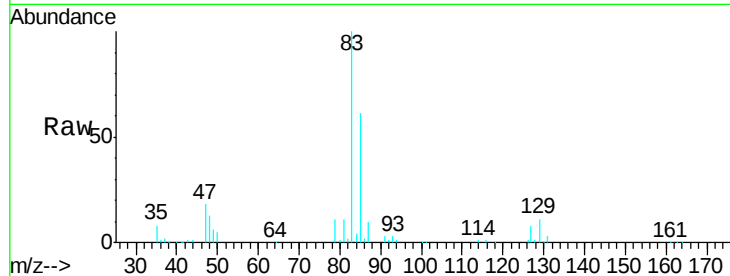
ClientSampleId :

VY1115SBS01

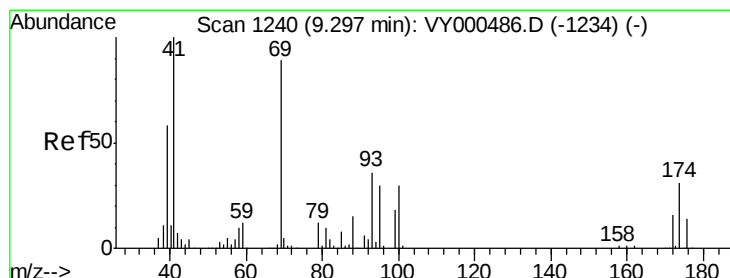
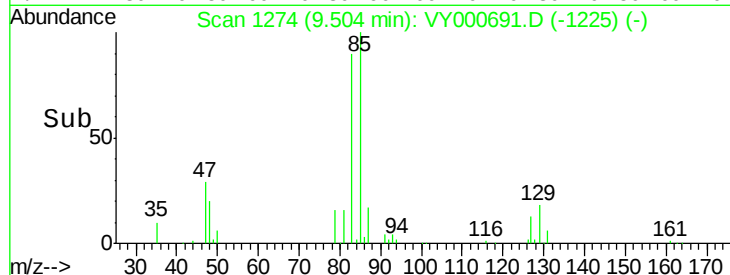
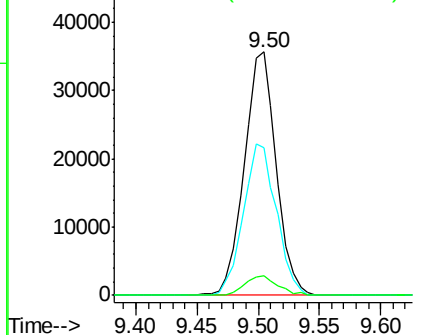
Tgt Ion:	83	Resp:	64735
Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.8	77.8
127	7.8	6.7	10.1

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



#48

Methyl methacrylate

Concen: 18.287 ug/l

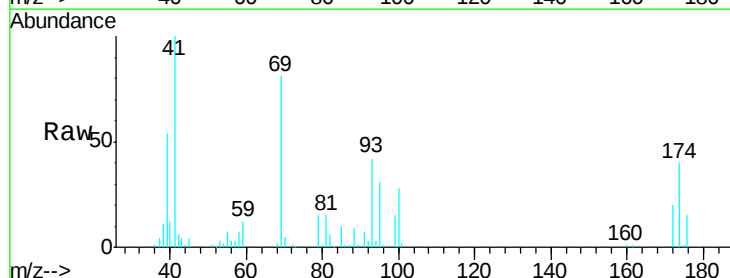
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

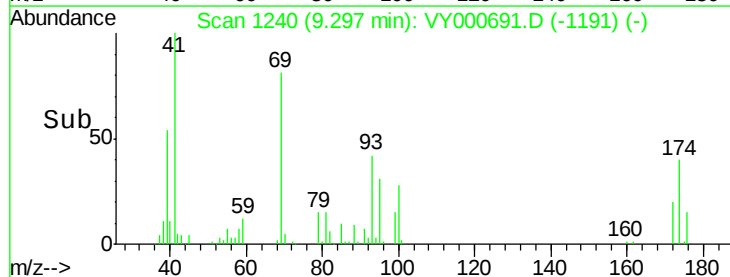
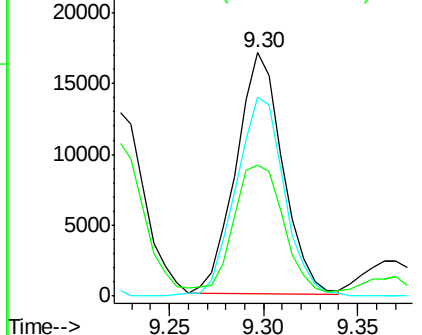
Lab File: VY000691.D

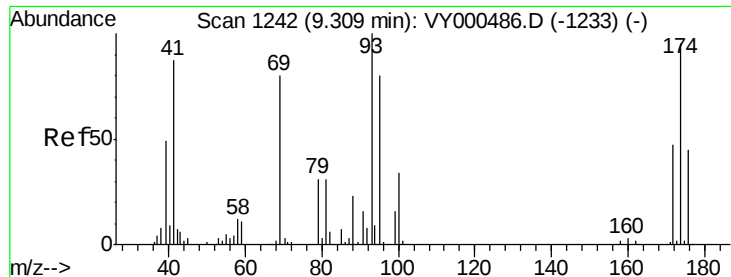
Acq: 15 Nov 2019 11:32

Tgt Ion:	41	Resp:	29237
Ion	Ratio	Lower	Upper
41	100		
69	85.5	72.5	108.7
39	55.8	47.8	71.8



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





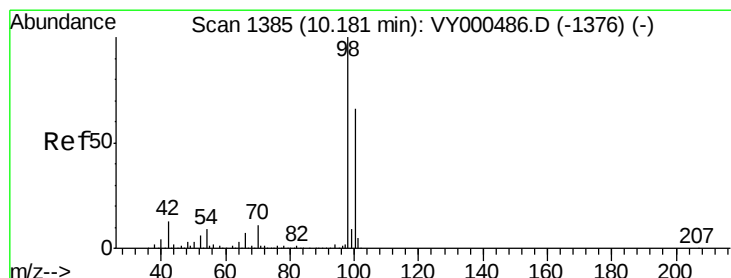
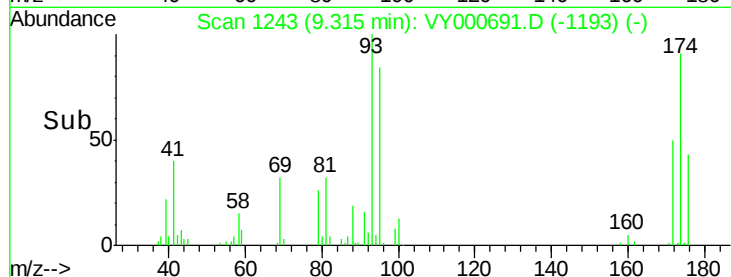
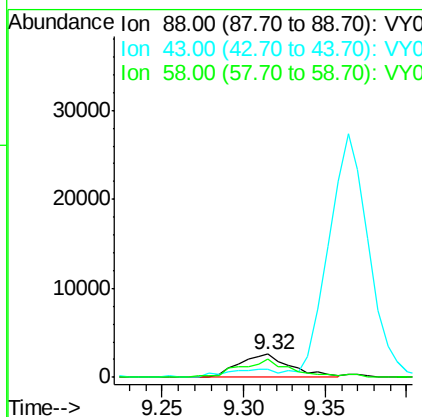
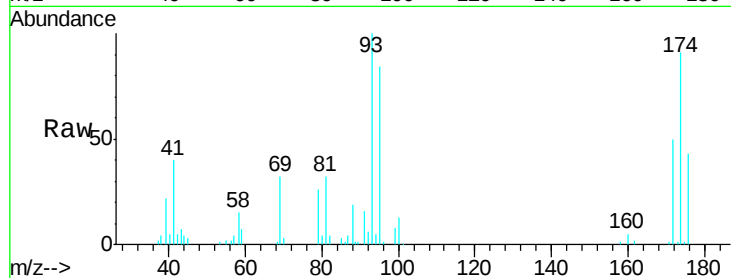
#49
1,4-Dioxane
Concen: 330.245 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.5	25.1	37.7
58	74.4	50.6	75.8

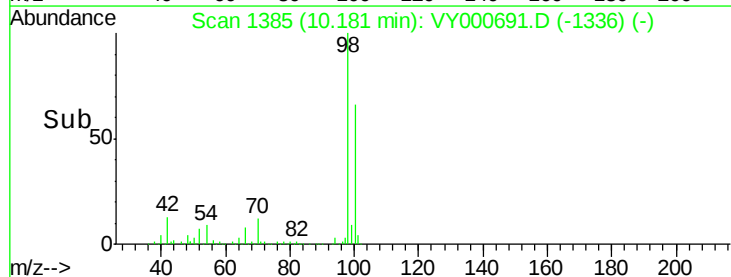
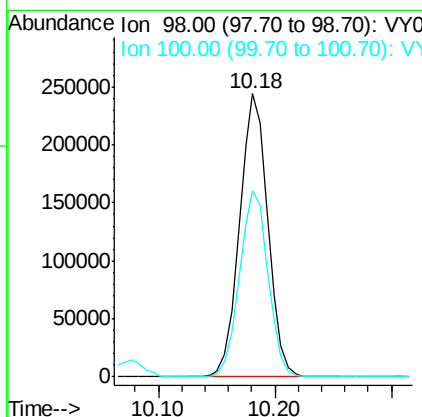
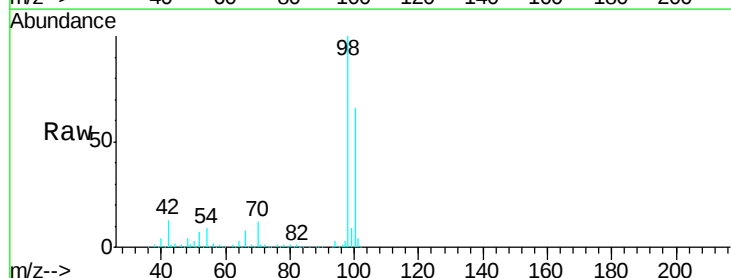
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#50
Toluene-d8
Concen: 53.118 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 81.394 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 43 Resp: 158355

Ion Ratio Lower Upper

43 100

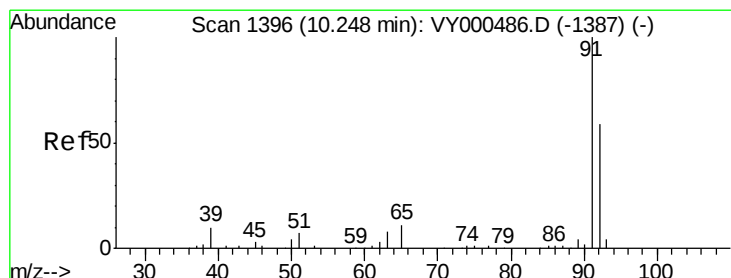
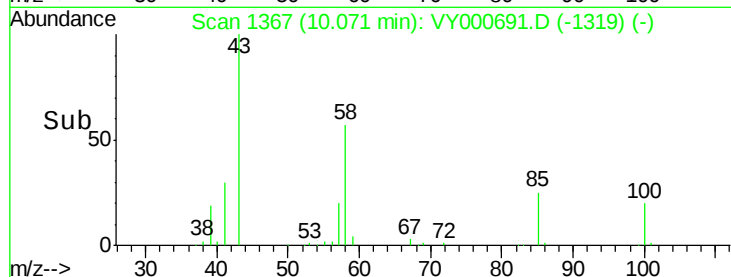
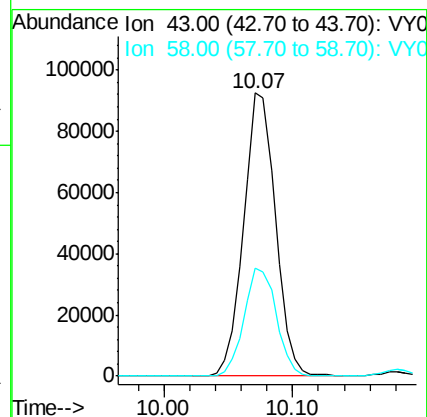
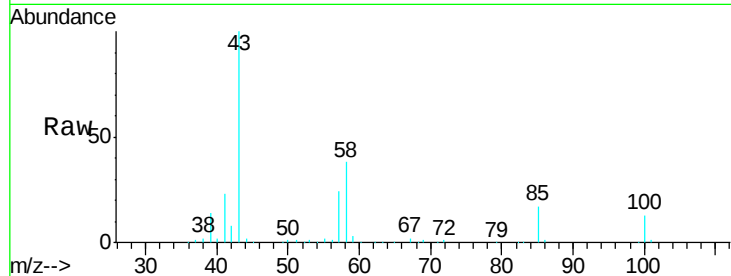
58 38.6 30.2 45.4

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#52

Toluene

Concen: 21.544 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000691.D

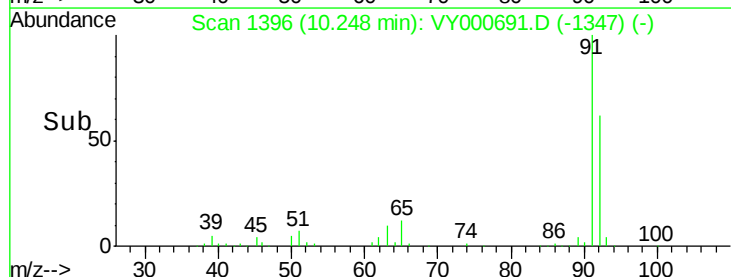
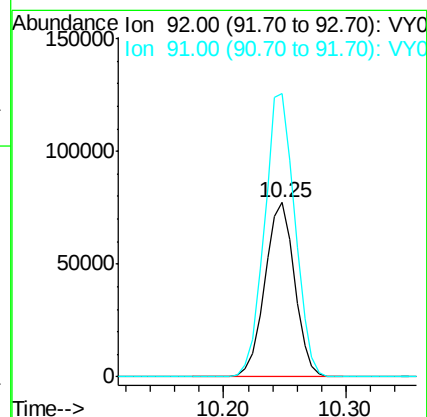
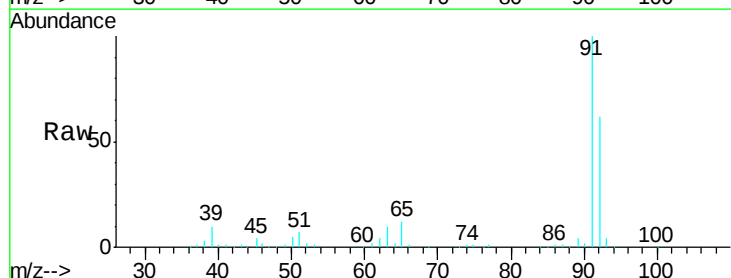
Acq: 15 Nov 2019 11:32

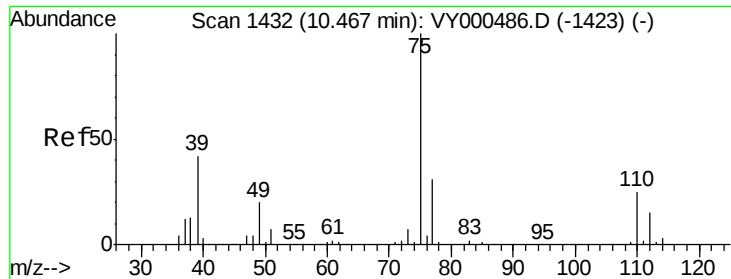
Tgt Ion: 92 Resp: 131021

Ion Ratio Lower Upper

92 100

91 166.2 136.3 204.5





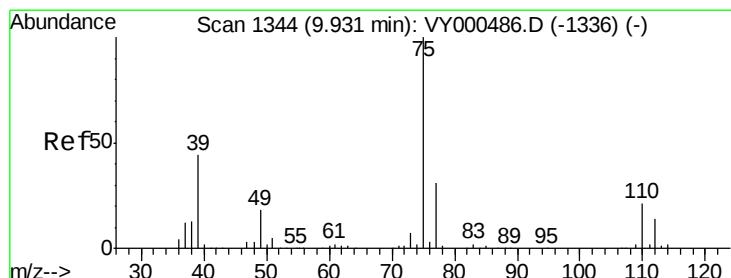
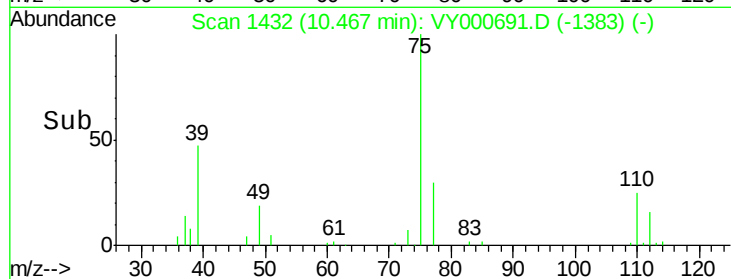
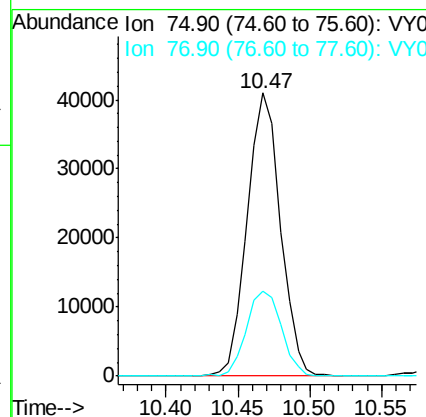
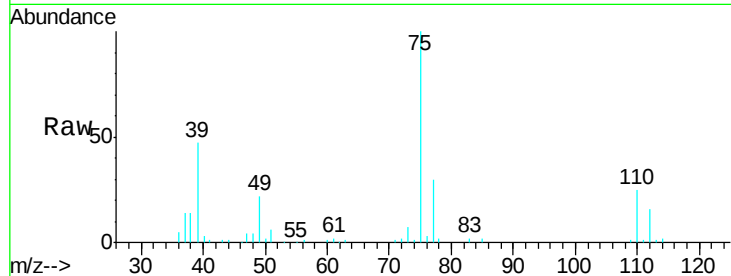
#53
 t-1,3-Dichloropropene
 Concen: 19.829 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion: 75 Resp: 65458
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 37.0

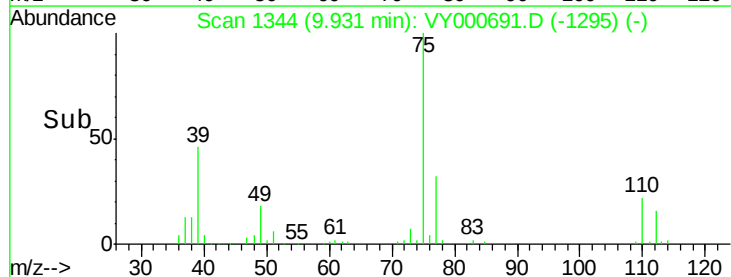
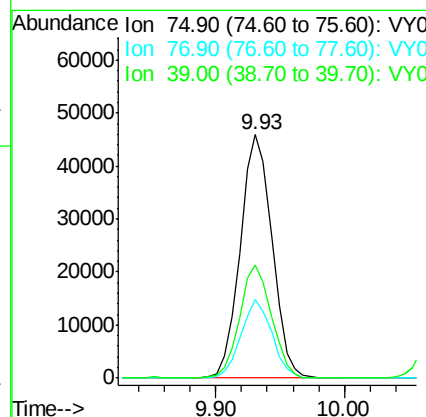
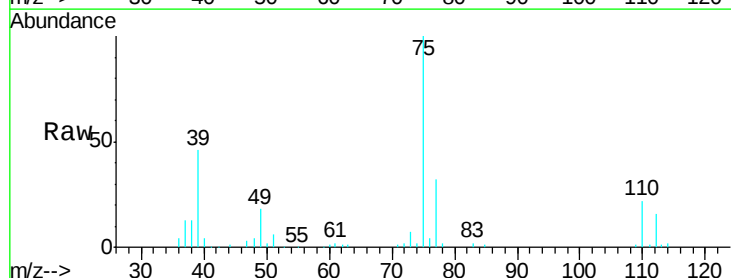
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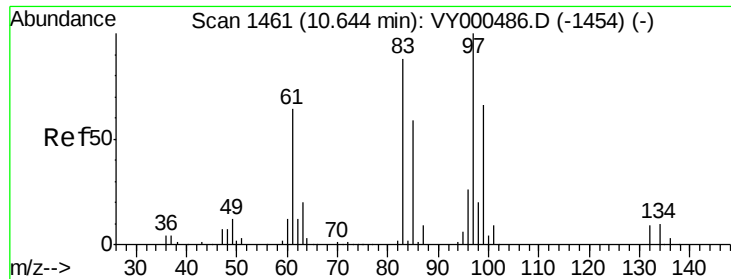
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#54
 cis-1,3-Dichloropropene
 Concen: 20.739 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion: 75 Resp: 78427
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7
 39 46.4 35.4 53.2





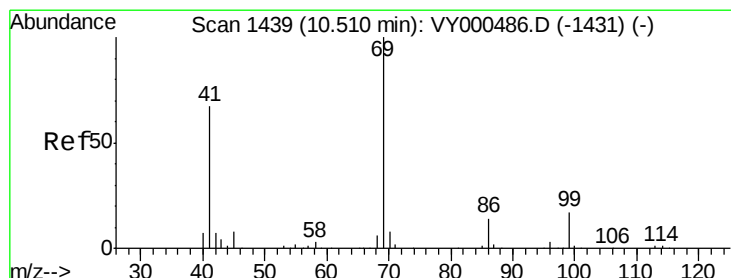
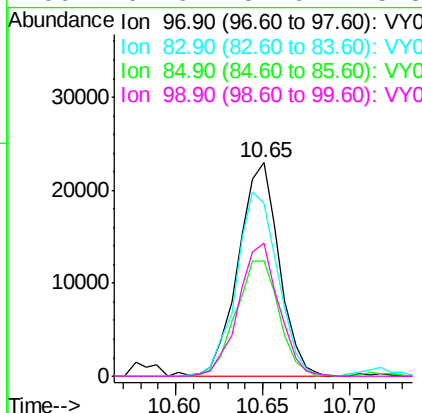
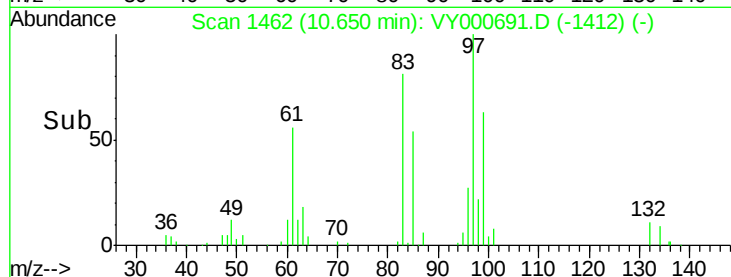
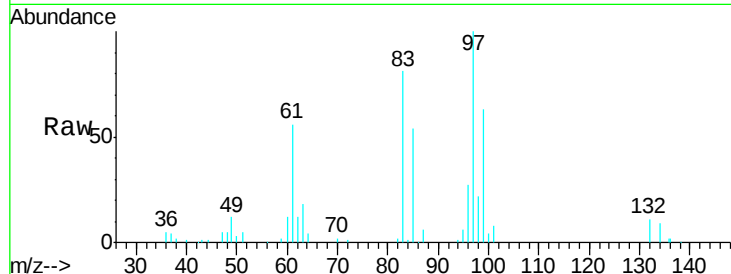
#55
1,1,2-Trichloroethane
Concen: 19.732 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.6	70.2	105.4
85	54.0	46.9	70.3
99	62.6	52.6	78.8

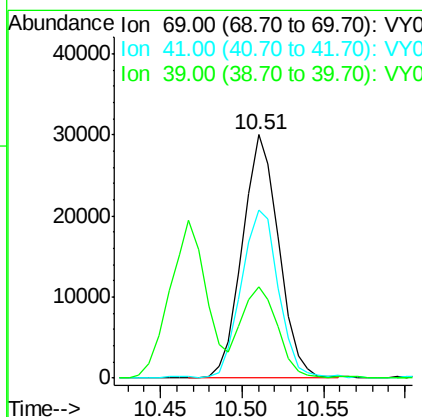
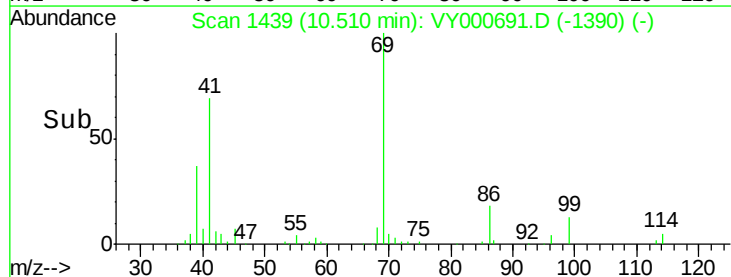
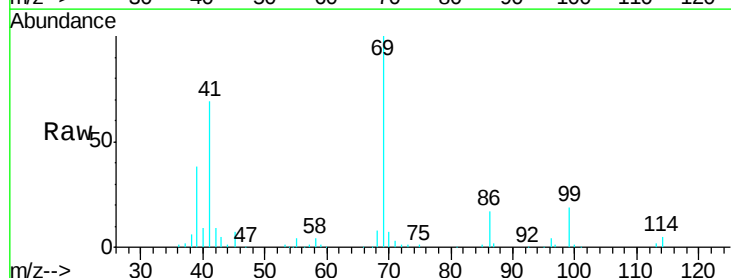
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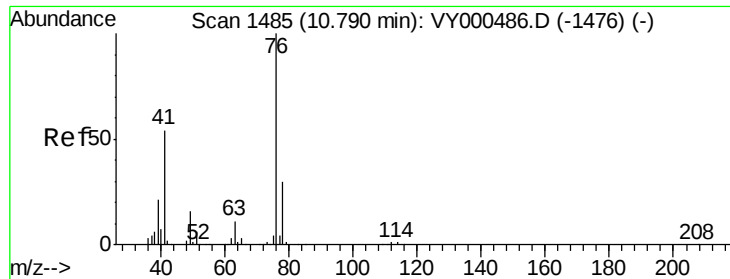
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#56
Ethyl methacrylate
Concen: 17.495 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	53.3	79.9
39	36.4	28.0	42.0





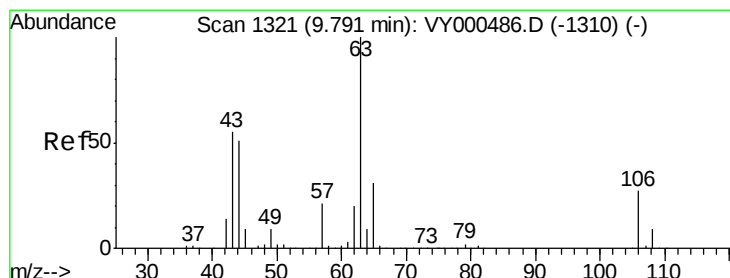
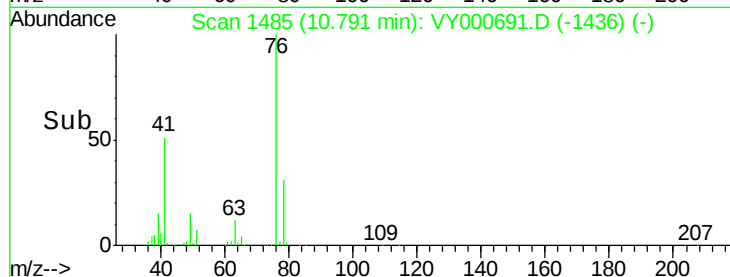
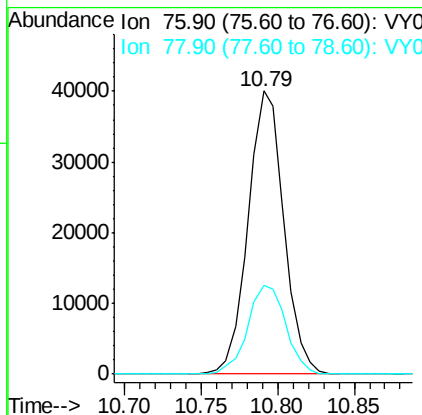
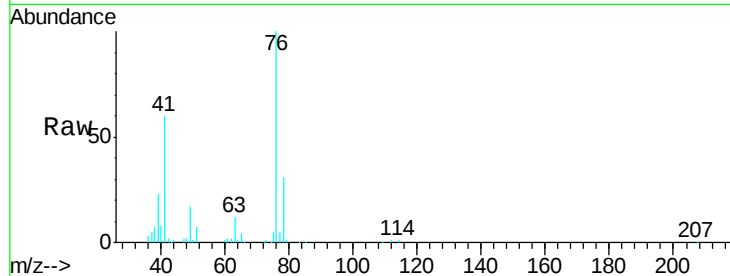
#57
 1,3-Dichloropropane
 Concen: 19.682 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion: 76 Resp: 64872
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.2 37.8

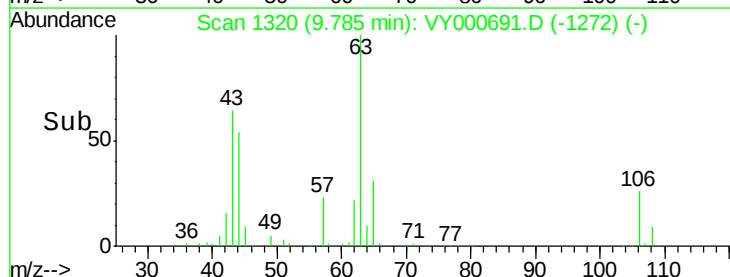
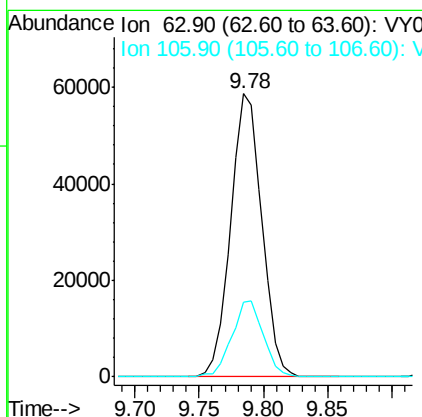
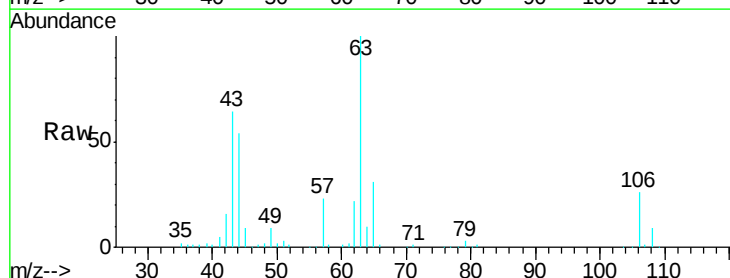
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#58
 2-Chloroethyl Vinyl ether
 Concen: 81.919 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion: 63 Resp: 98851
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.6 33.8





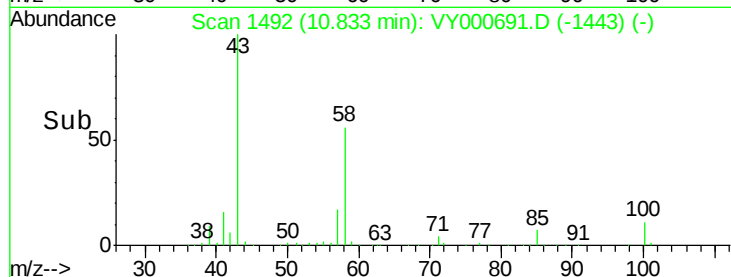
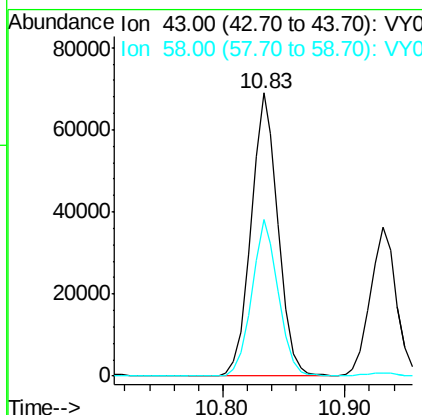
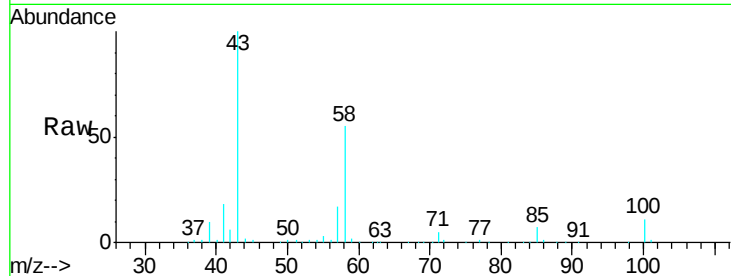
#59
2-Hexanone
Concen: 74.646 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 43 Resp: 105812
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

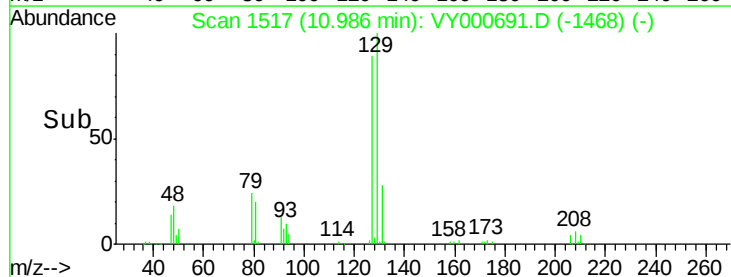
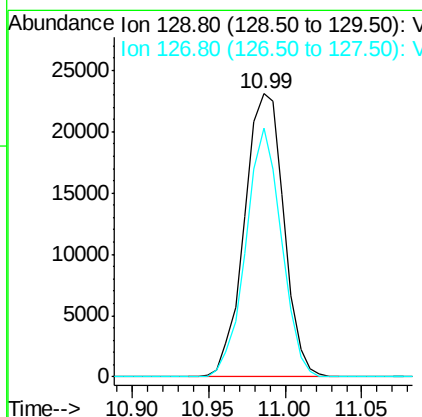
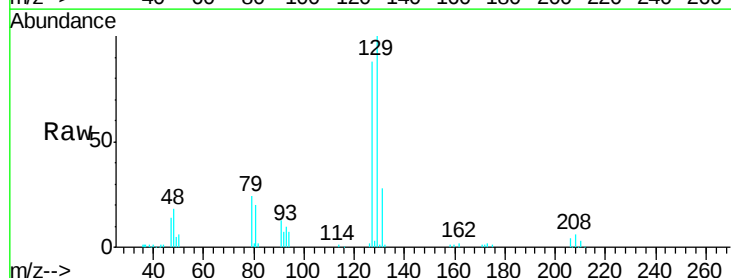
Manual Integrations
APPROVED

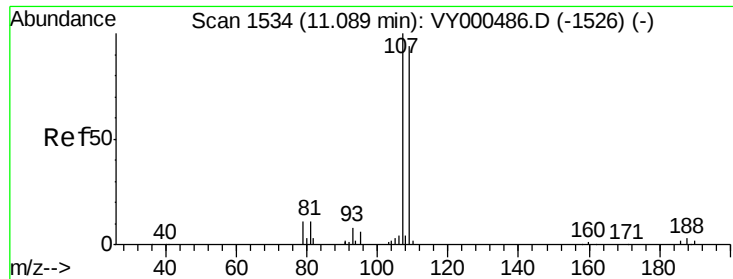
MMDadoda
11/18/2019 3:24:15 PM



#60
Dibromochloromethane
Concen: 19.213 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion: 129 Resp: 41445
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





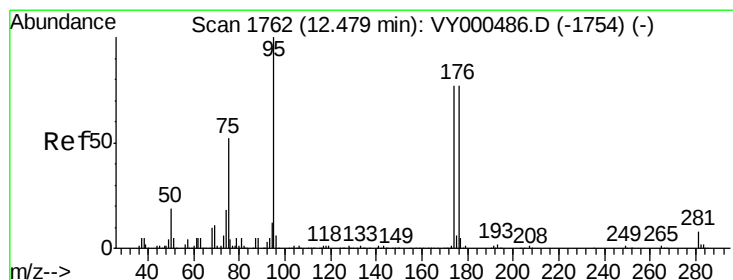
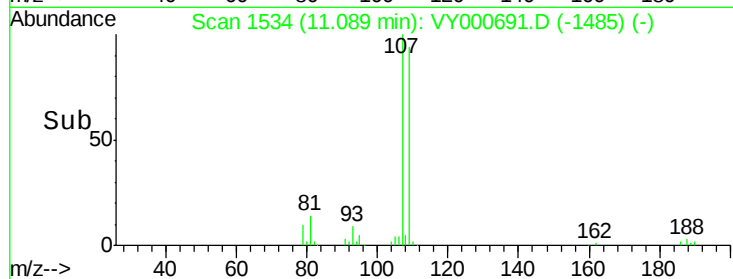
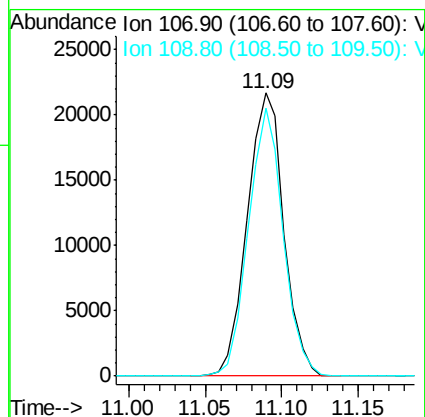
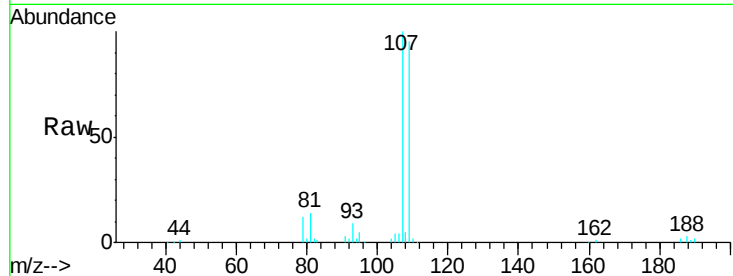
#61
 1,2-Dibromoethane
 Concen: 19.823 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	35893		
109	90.1	73.6	73.6	110.4

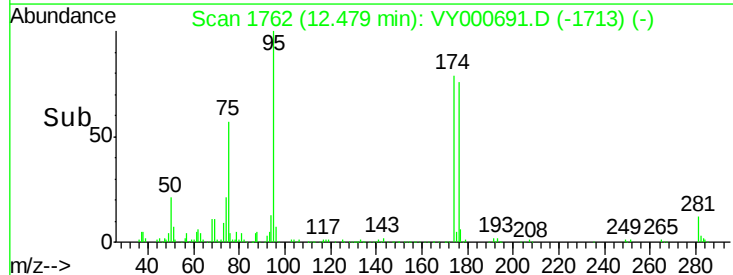
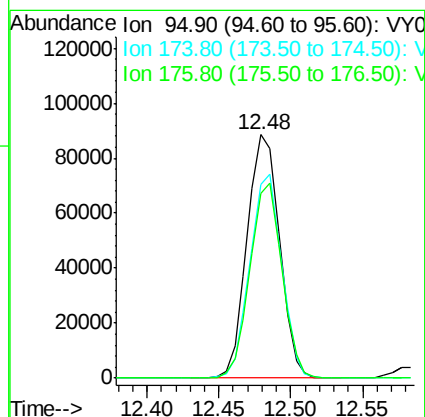
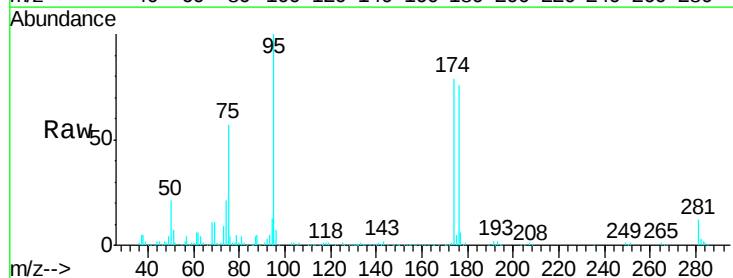
Manual Integrations
 APPROVED

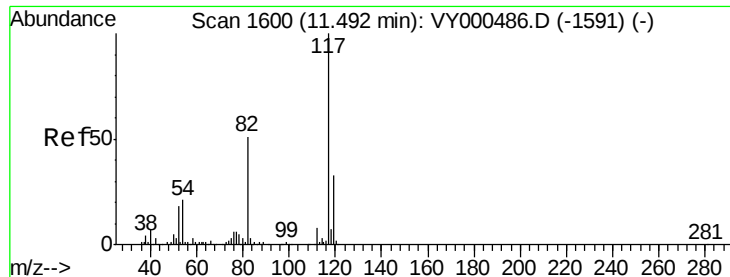
MMDadoda
 11/18/2019 3:24:15 PM



#62
 4-Bromofluorobenzene
 Concen: 46.963 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	138226		
174	81.9	0.0	0.0	161.6
176	78.5	0.0	0.0	157.8





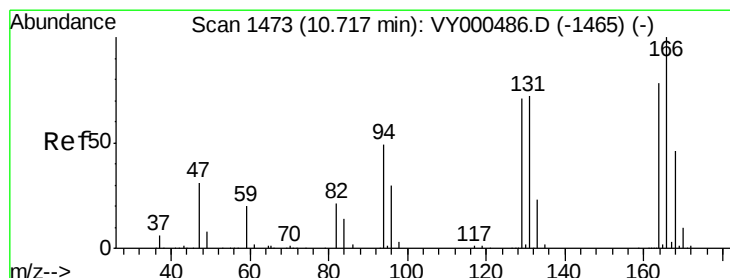
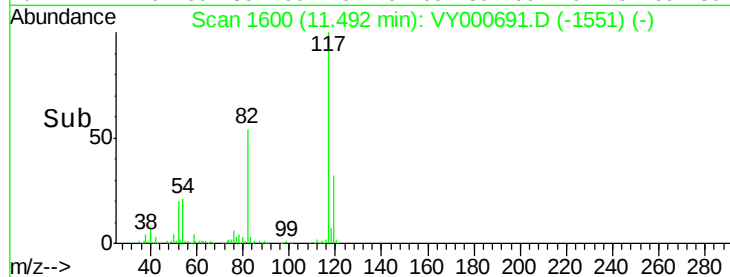
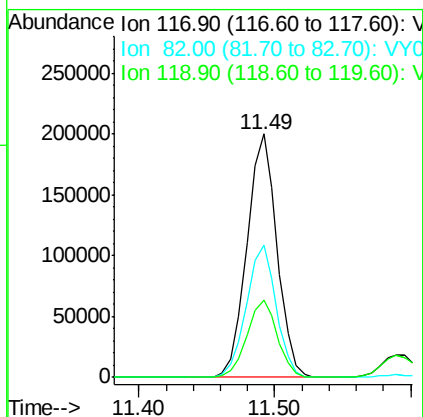
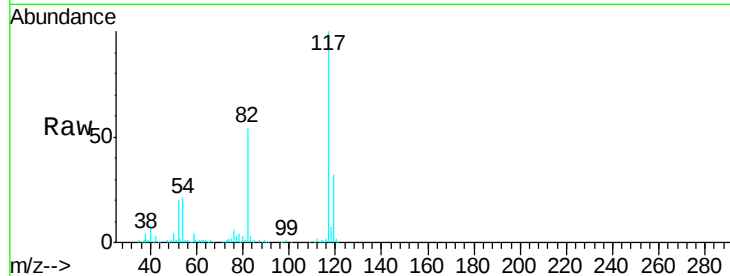
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308966		
82	54.1	40.8	61.2	
119	31.6	26.2	39.2	

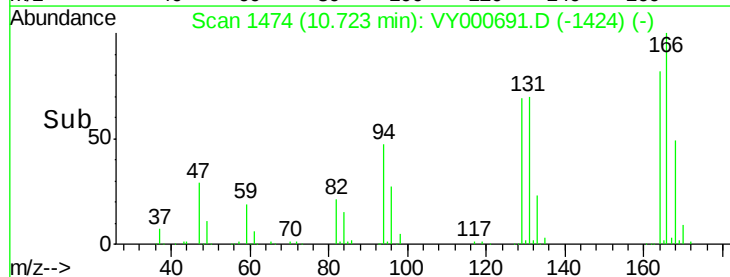
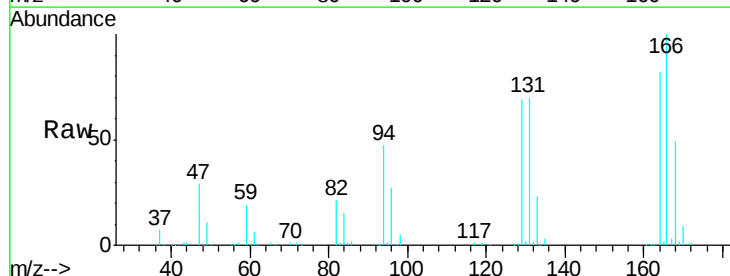
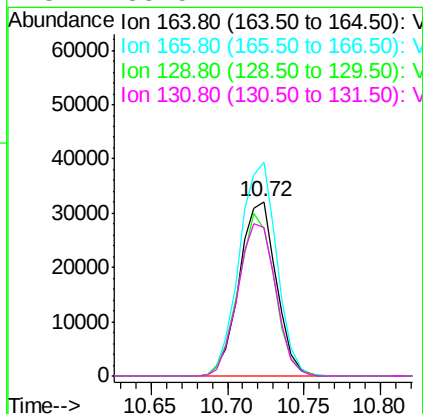
Manual Integrations
APPROVED

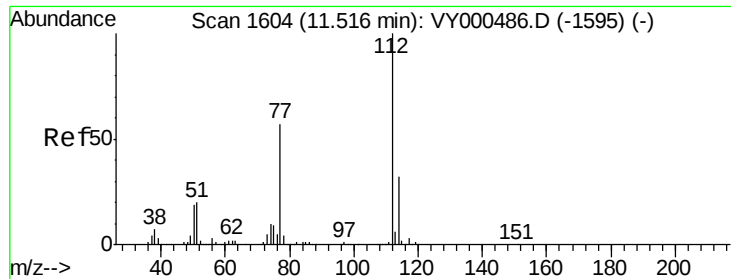
MMDadoda
11/18/2019 3:24:15 PM



#64
Tetrachloroethene
Concen: 21.119 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53954		
166	122.5	102.7	154.1	
129	84.5	73.2	109.8	
131	85.5	74.2	111.2	





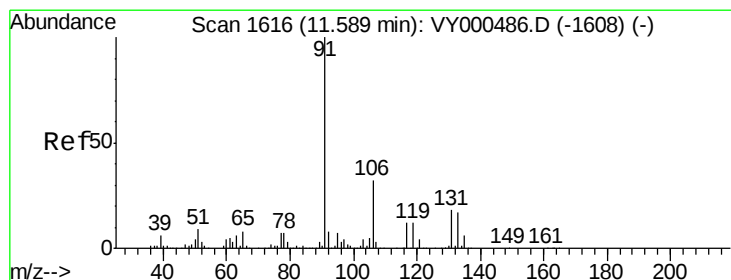
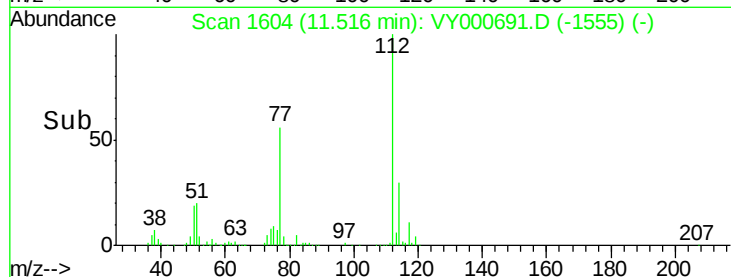
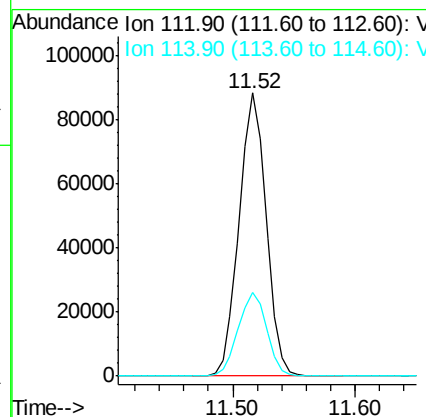
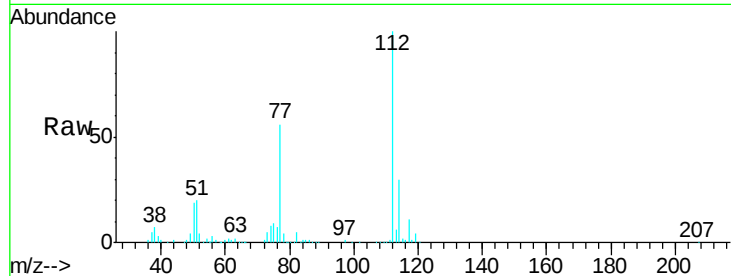
#65
Chlorobenzene
Concen: 21.524 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:112 Resp: 134828
Ion Ratio Lower Upper
112 100
114 29.6 25.3 37.9

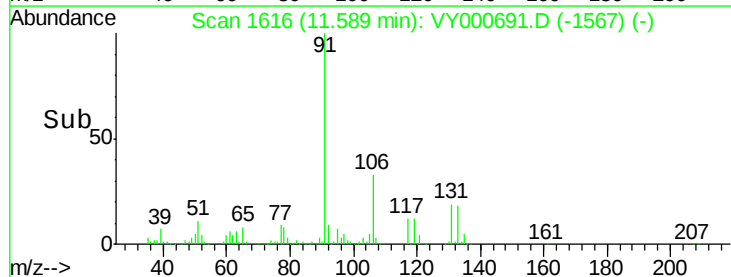
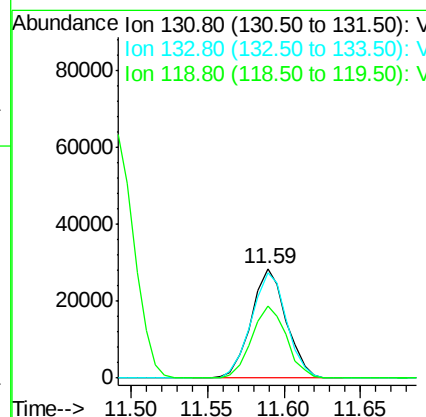
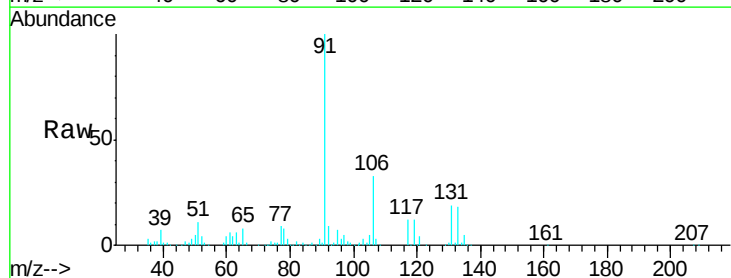
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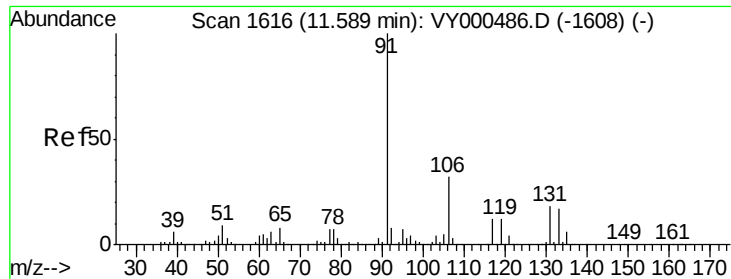
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.767 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion:131 Resp: 45116
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.8
119 66.0 33.1 99.3





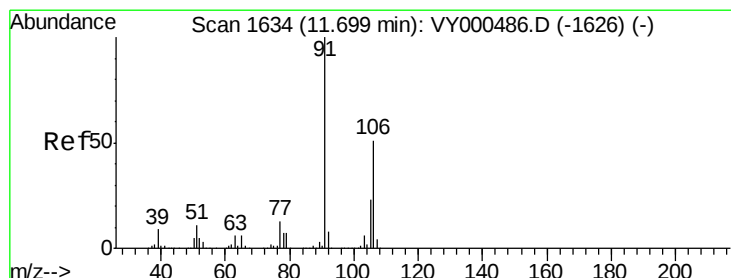
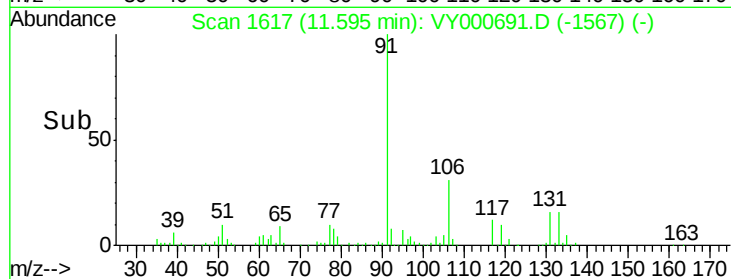
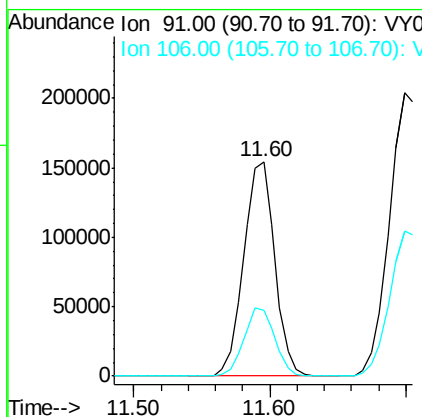
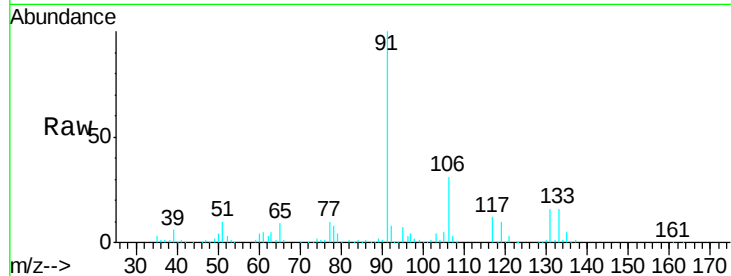
#67
Ethyl Benzene
Concen: 21.286 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 91 Resp: 245408
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0

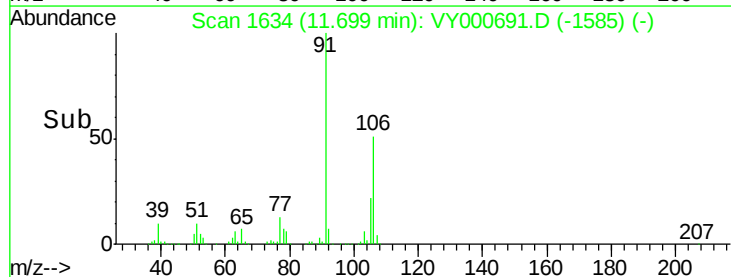
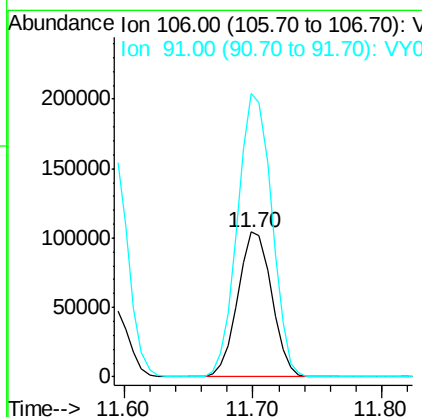
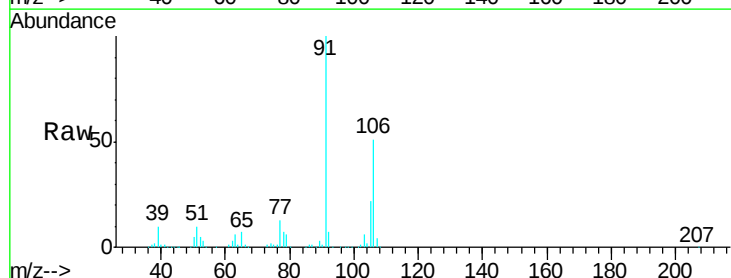
Manual Integrations
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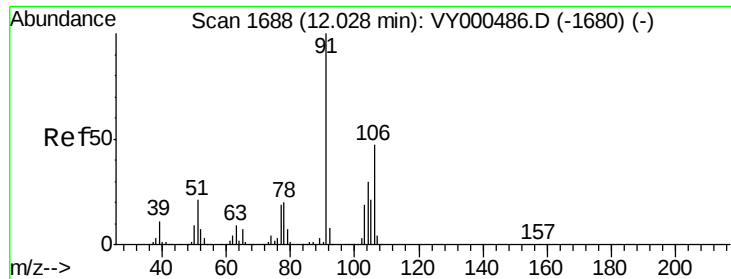
MMDadoda
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#68
m/p-Xylenes
Concen: 42.740 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion: 106 Resp: 190711
Ion Ratio Lower Upper
106 100
91 197.3 155.9 233.9





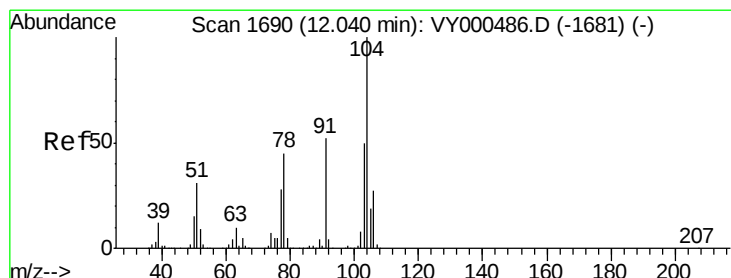
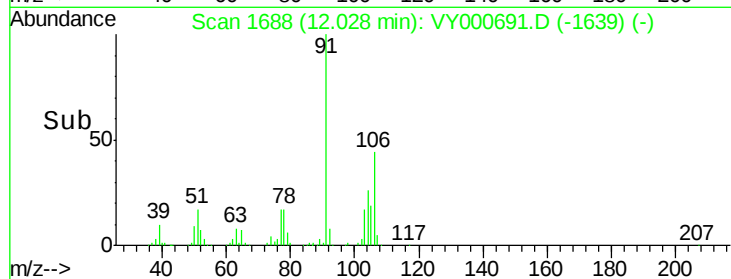
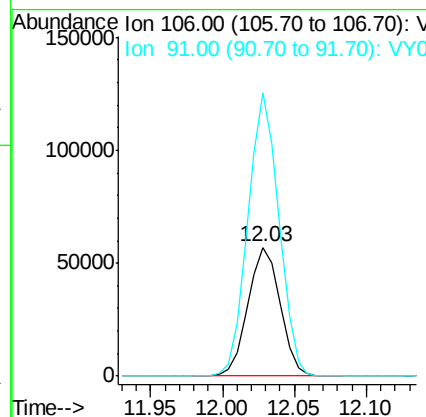
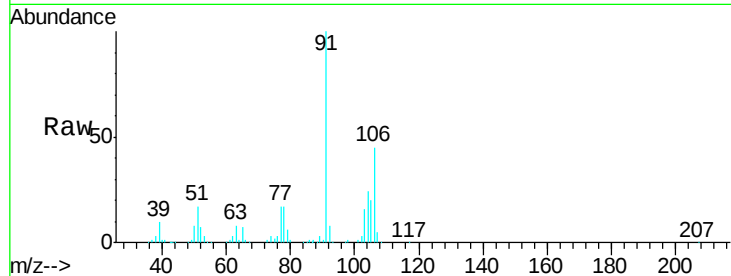
#69
o-Xylene
Concen: 21.071 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.1	106.5	319.6

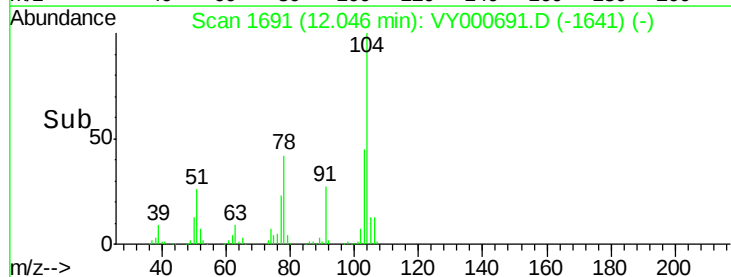
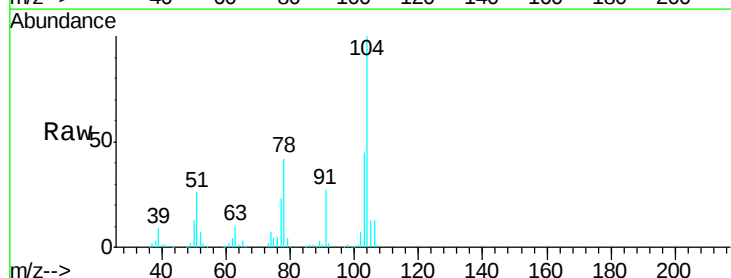
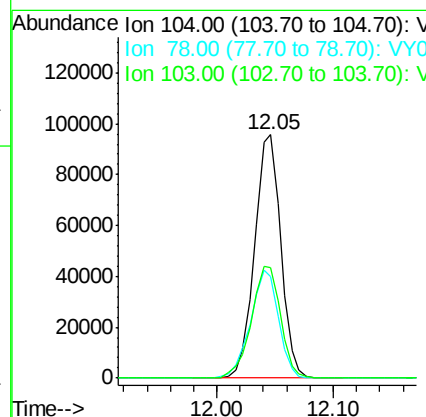
Manual Integrations
APPROVED

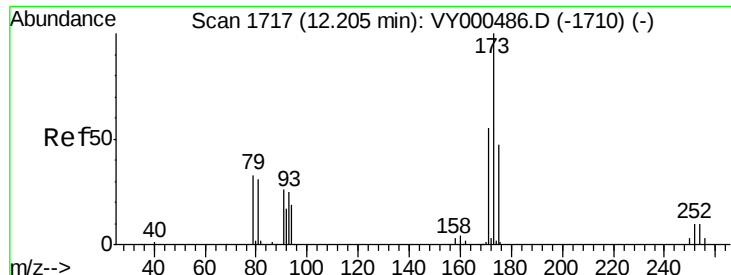
MMDadoda
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#70
Styrene
Concen: 20.955 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	39.0	58.4
103	50.8	42.5	63.7





#71

Bromoform

Concen: 18.321 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

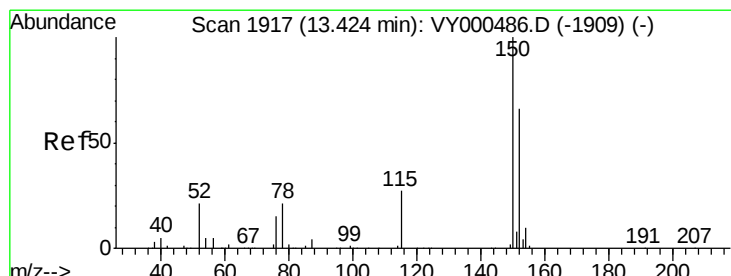
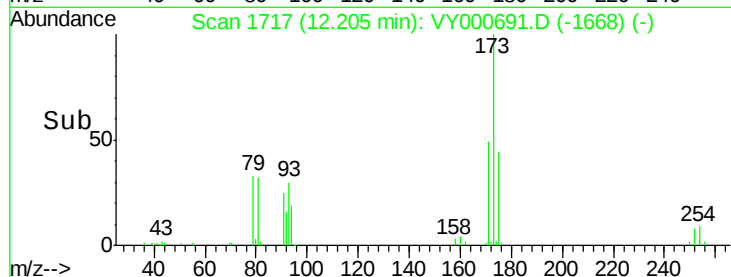
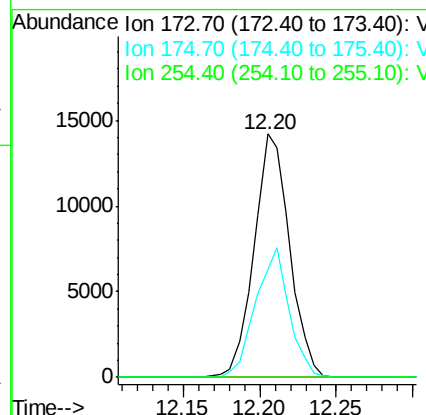
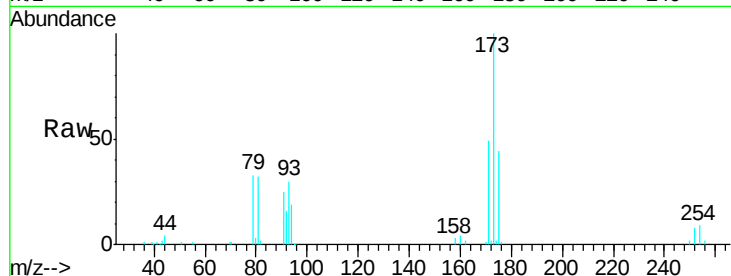
ClientSampleId :

VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

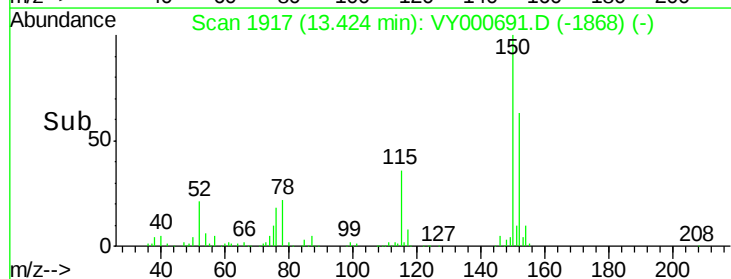
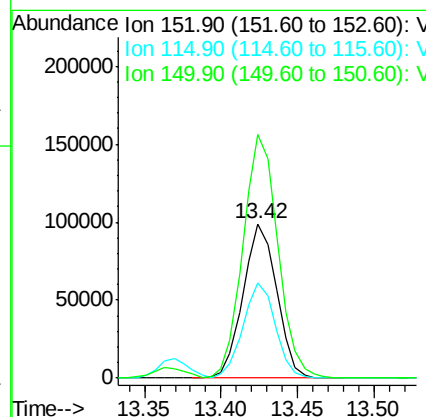
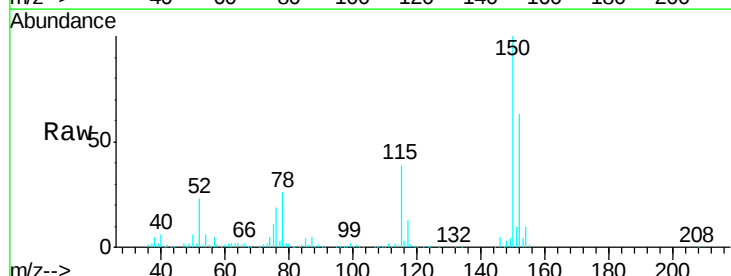
RT: 13.42 min Scan# 1917

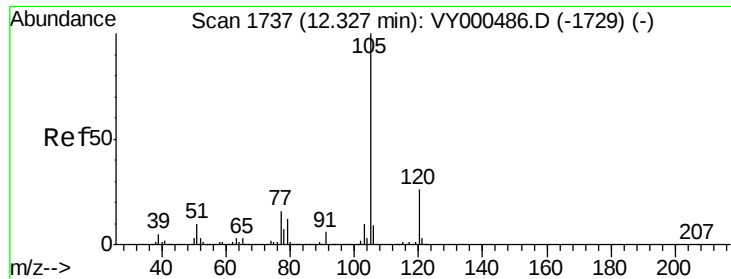
Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.1	87.4
150	164.2	0.0	348.8





#73

Isopropylbenzene

Concen: 21.724 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 105 Resp: 241746

Ion Ratio Lower Upper

105 100

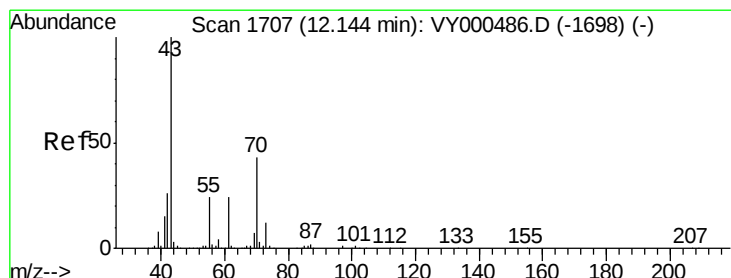
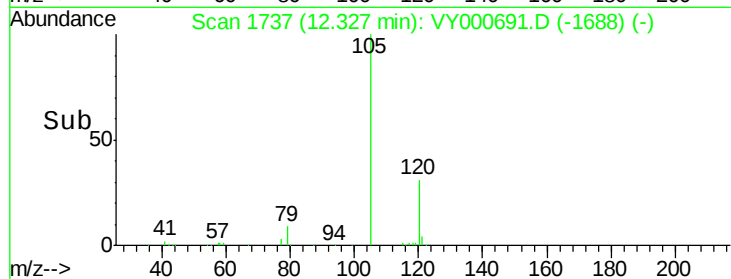
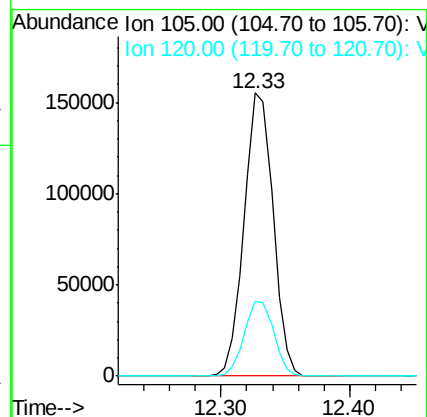
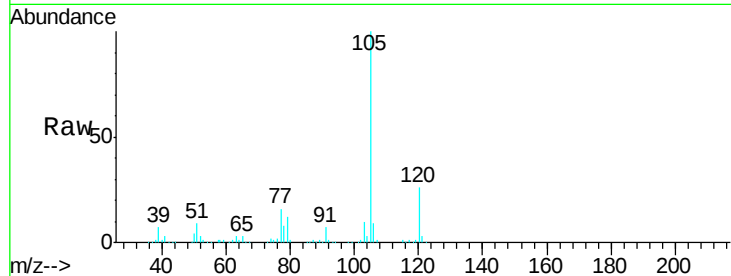
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 15.955 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion: 43 Resp: 50850

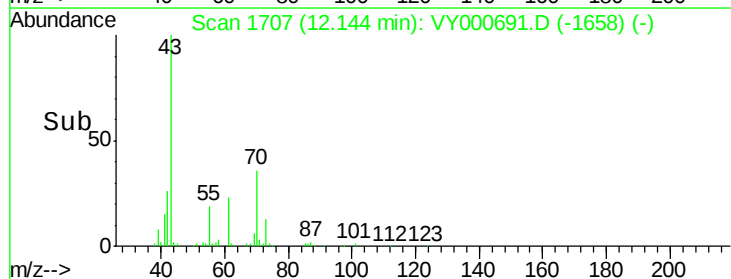
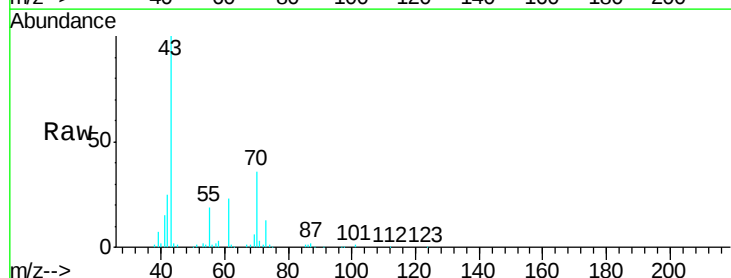
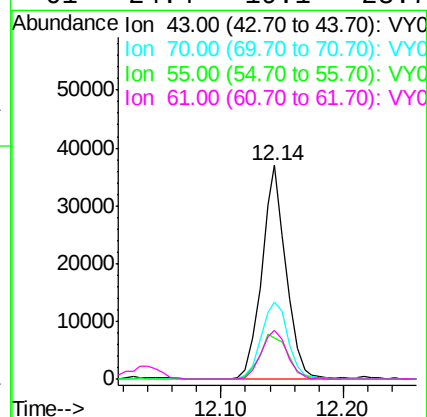
Ion Ratio Lower Upper

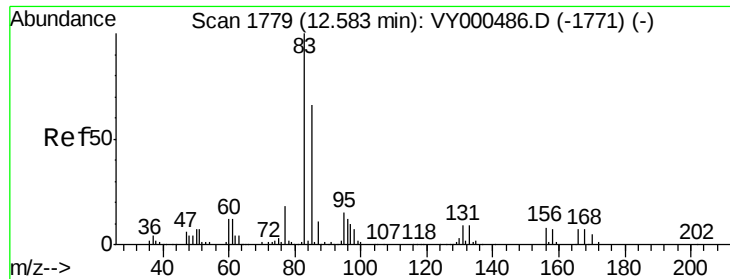
43 100

70 40.1 33.1 49.7

55 24.3 18.0 27.0

61 24.4 19.1 28.7





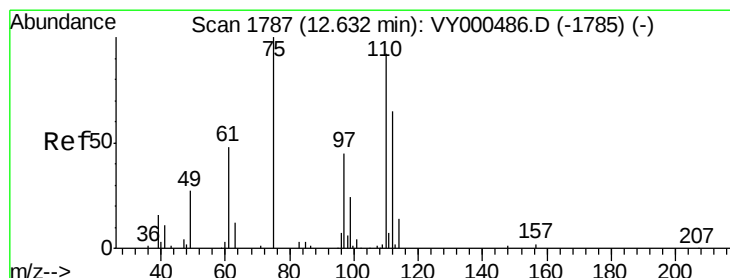
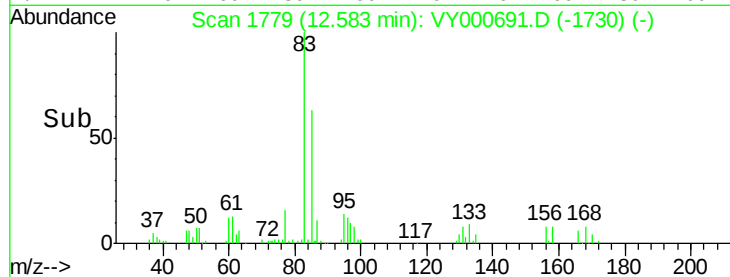
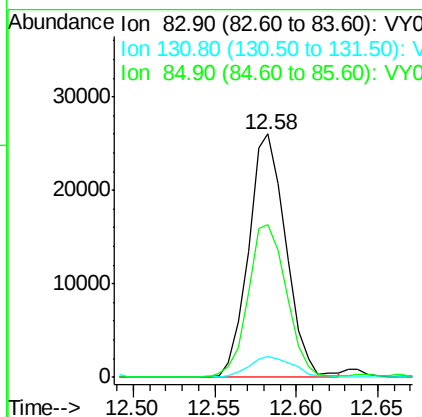
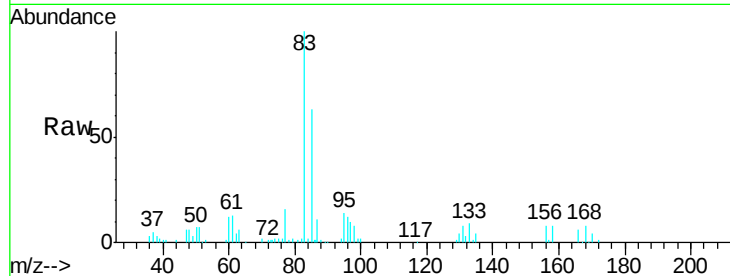
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.809 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	14.9
85	64.8	32.3	96.9

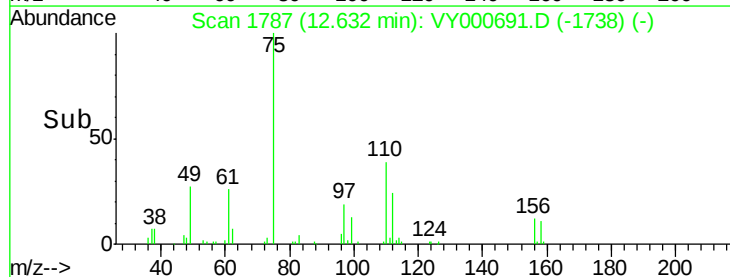
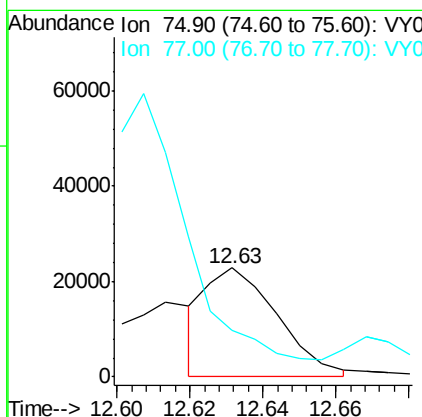
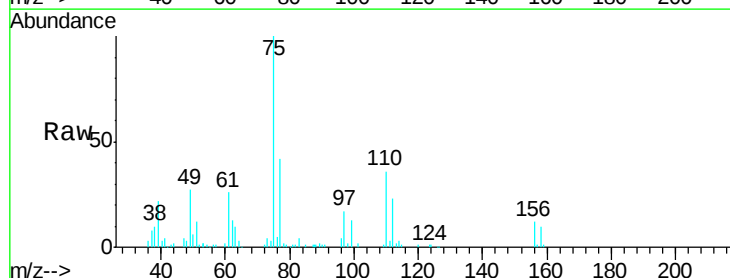
Manual Integrations
 APPROVED

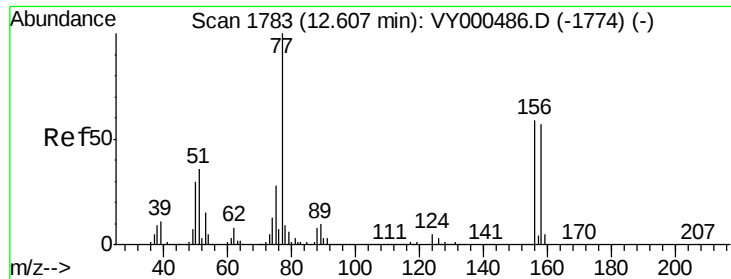
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 18.333 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.846 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

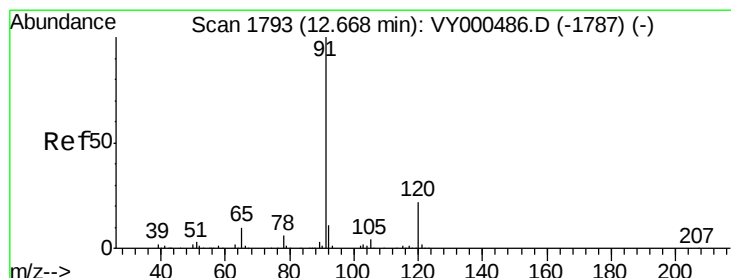
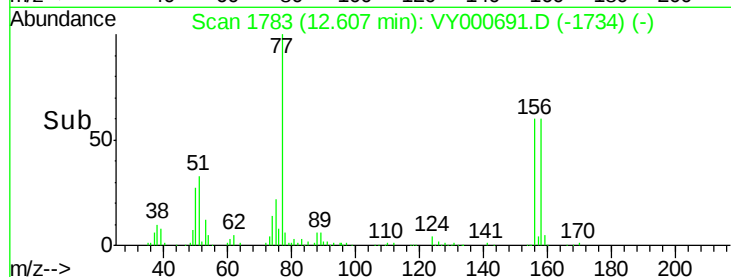
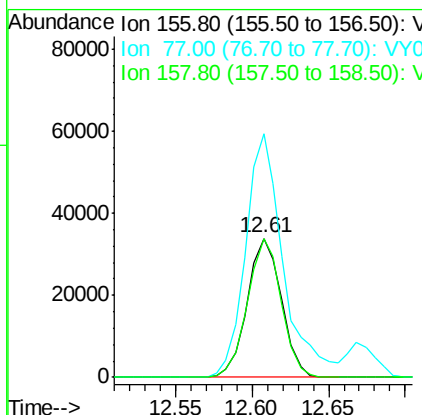
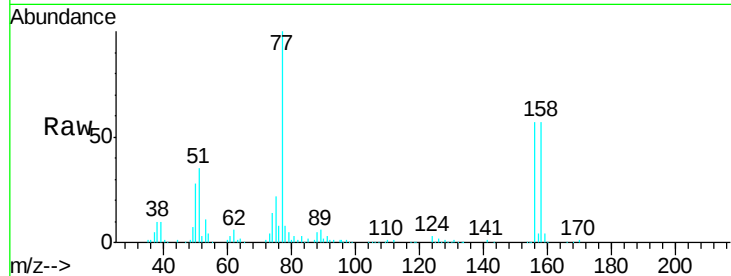
ClientSampleId :

VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	193.7	98.2	294.4
158	98.3	49.6	149.0

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#78

n-propylbenzene

Concen: 21.793 ug/l

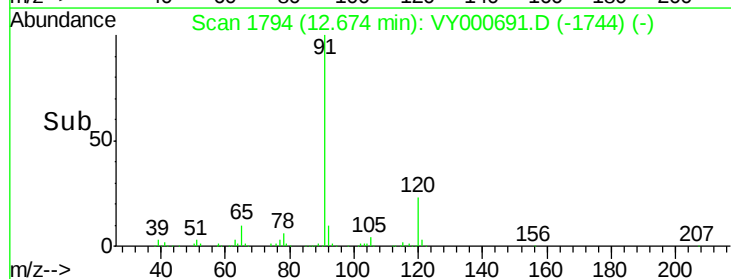
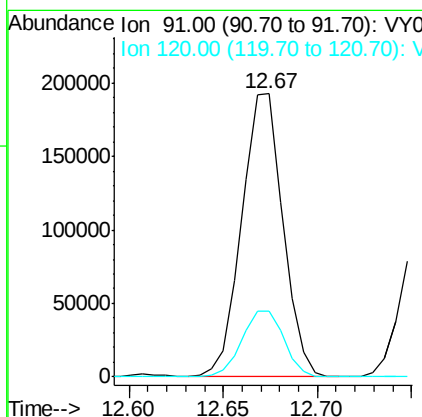
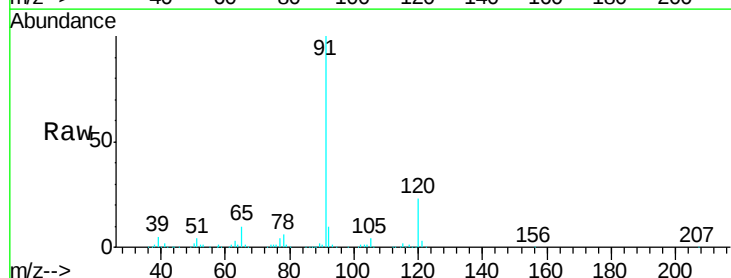
RT: 12.67 min Scan# 1794

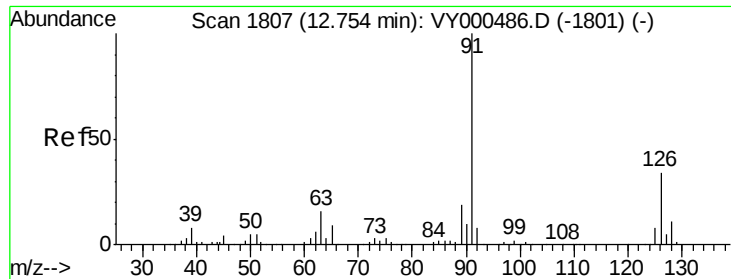
Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 21.754 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 91 Resp: 162157

Ion Ratio Lower Upper

91 100

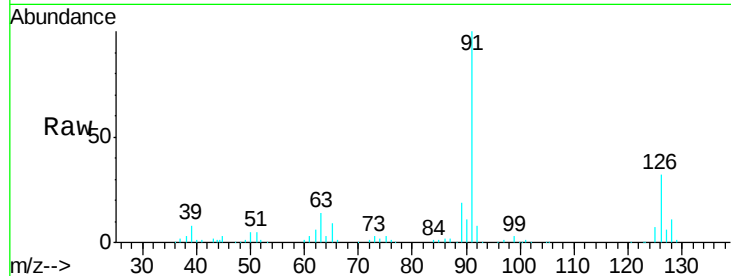
126 33.9 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

200000

150000

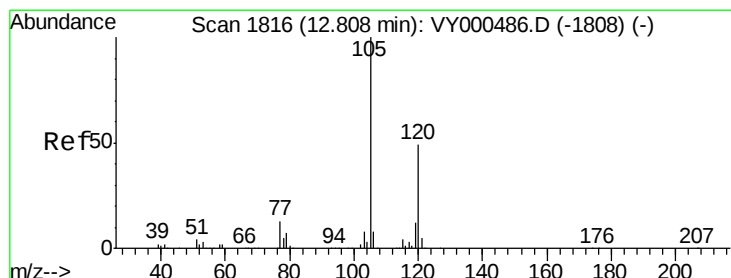
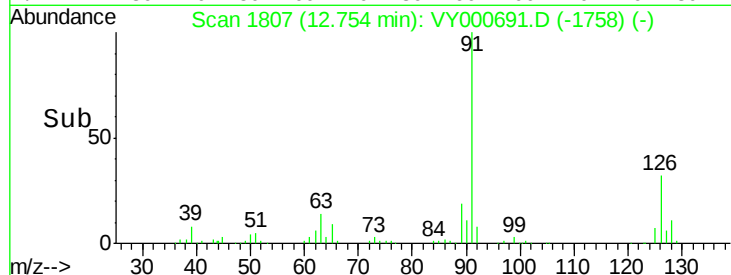
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.411 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000691.D

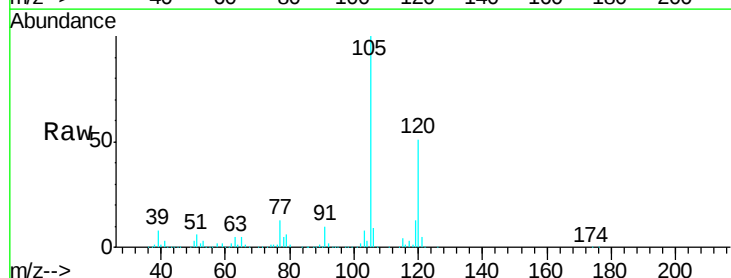
Acq: 15 Nov 2019 11:32

Tgt Ion: 105 Resp: 198440

Ion Ratio Lower Upper

105 100

120 51.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

150000

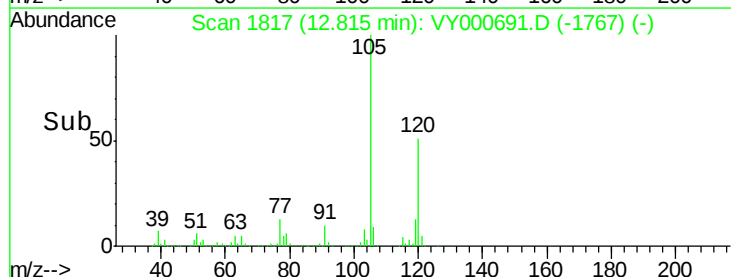
100000

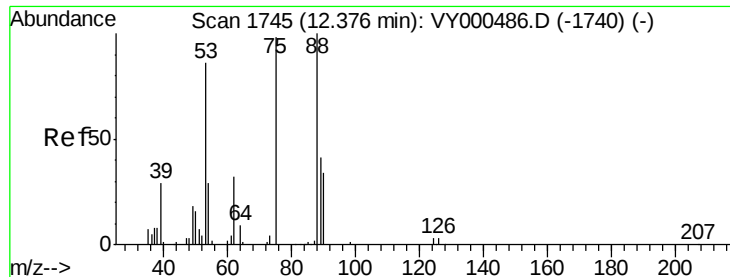
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.871 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

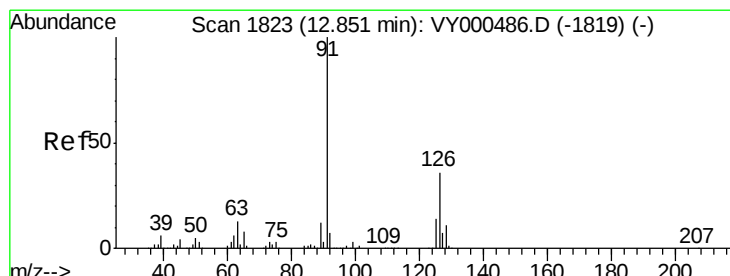
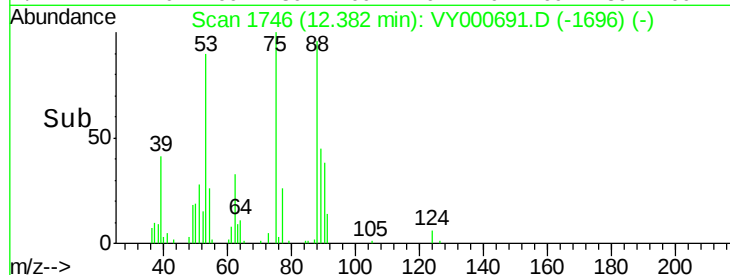
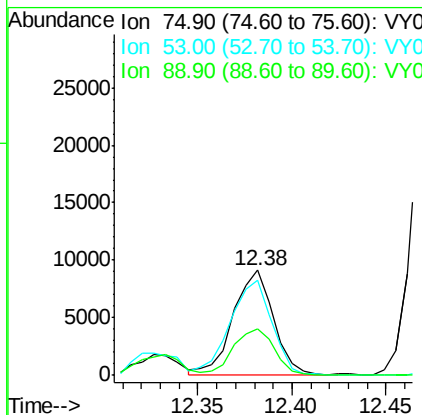
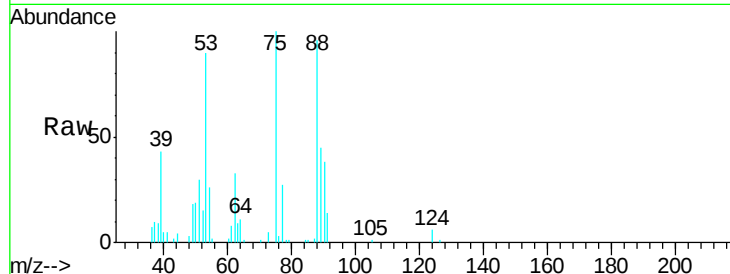
ClientSampleId :

VY1115SBS01

Tgt Ion:	75	Resp:	13665
Ion	Ratio	Lower	Upper
75	100		
53	93.9	73.2	109.8
89	45.1	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.781 ug/l

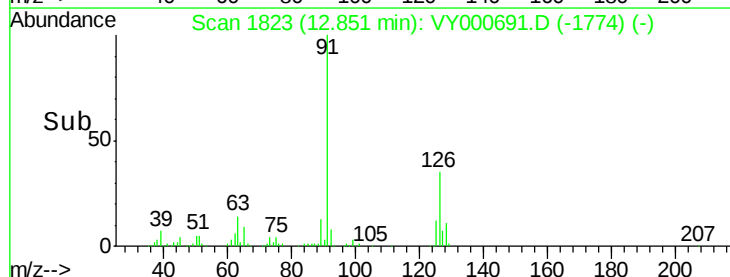
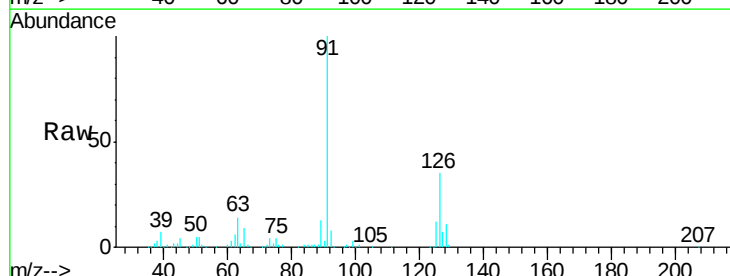
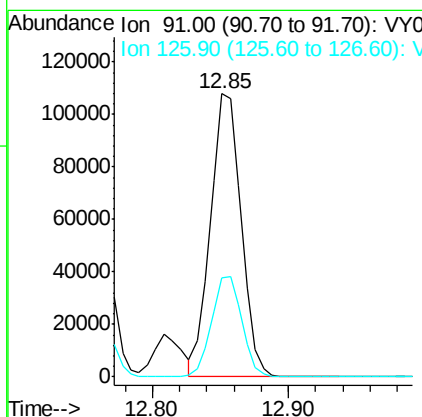
RT: 12.85 min Scan# 1823

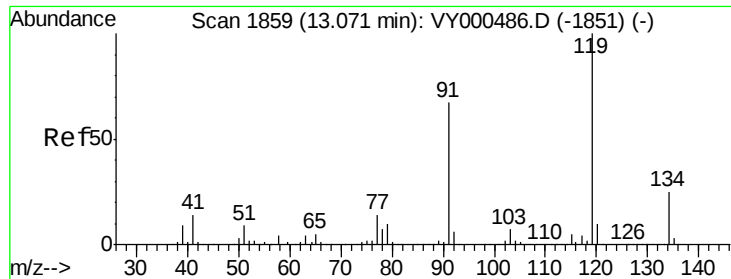
Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion:	91	Resp:	168297
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.6	52.9





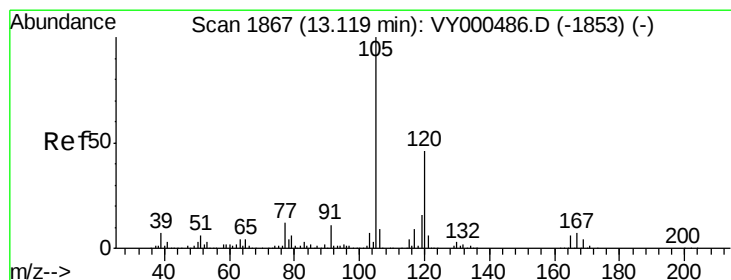
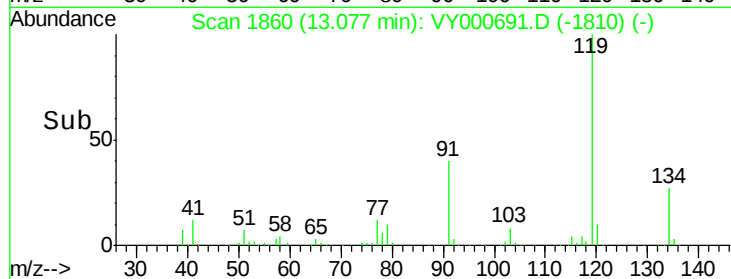
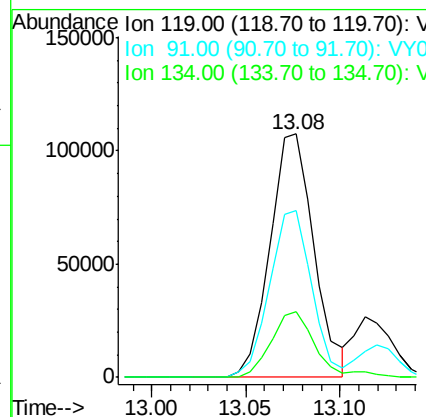
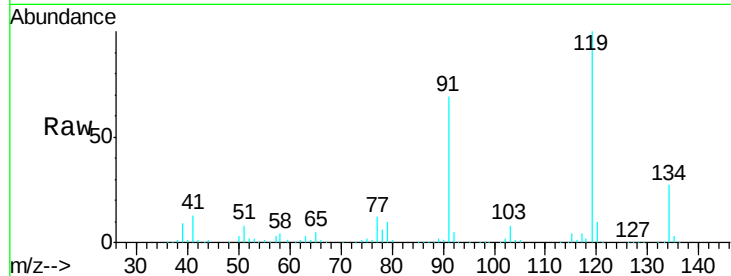
#83
tert-Butylbenzene
Concen: 21.989 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	174014		
91	65.7	32.1	96.3	
134	27.4	13.2	39.5	

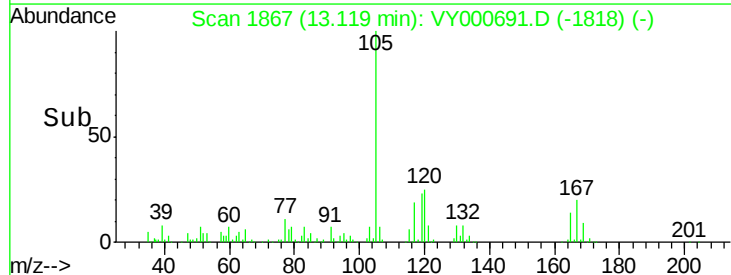
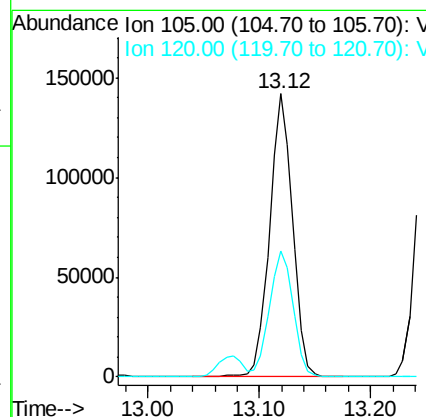
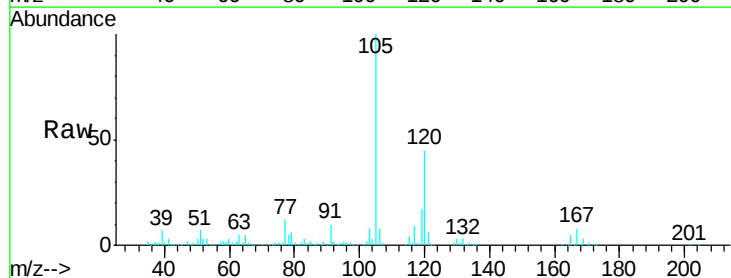
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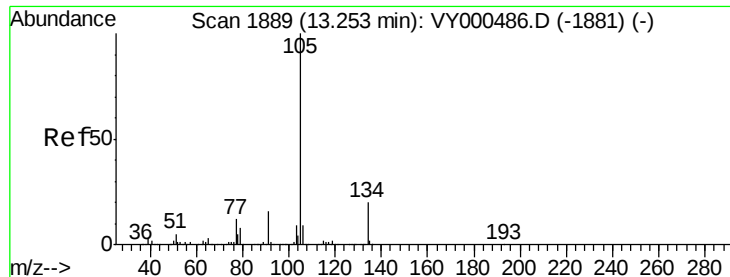
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#84
1,2,4-Trimethylbenzene
Concen: 22.189 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204755		
120	46.2	23.3	69.9	





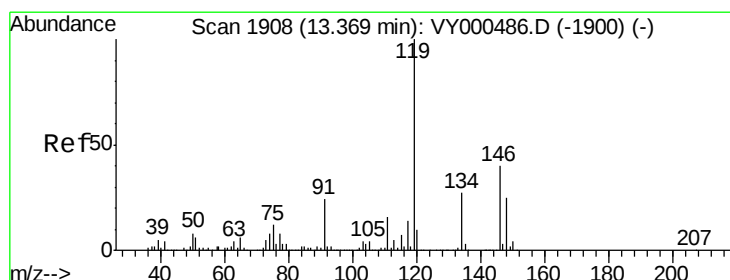
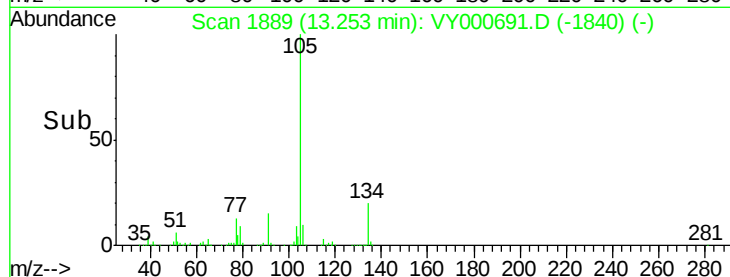
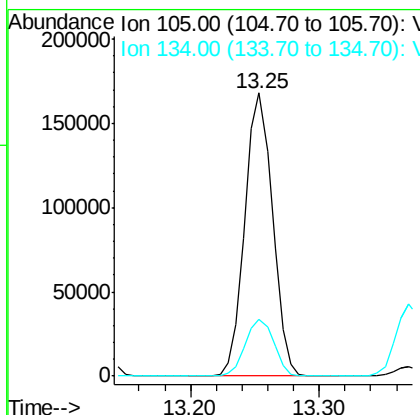
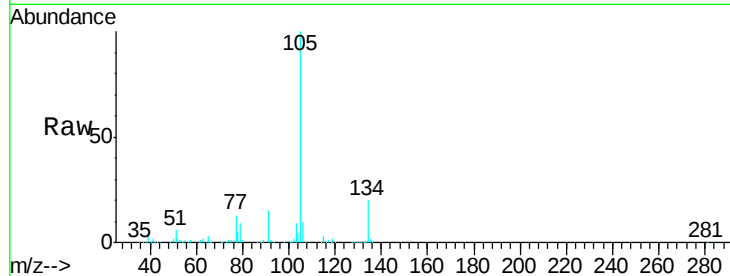
#85
 sec-Butylbenzene
 Concen: 22.094 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.1

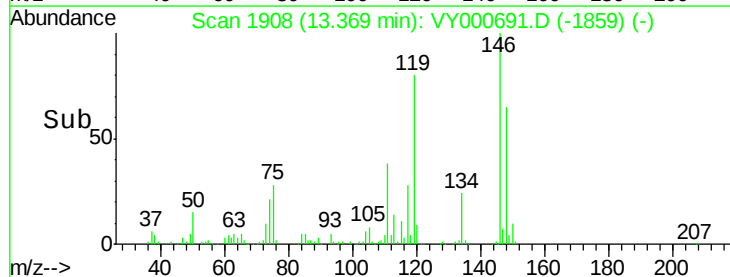
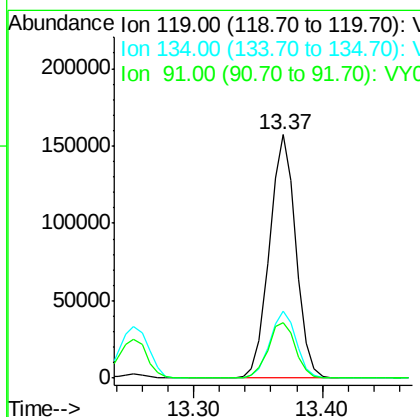
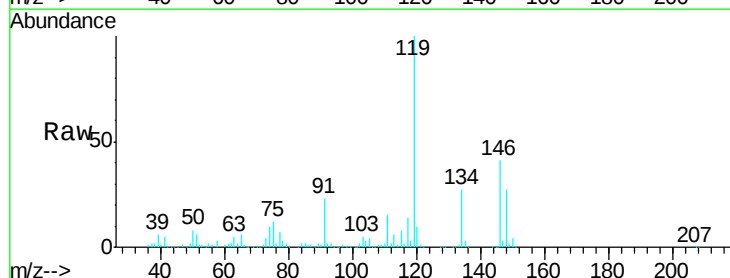
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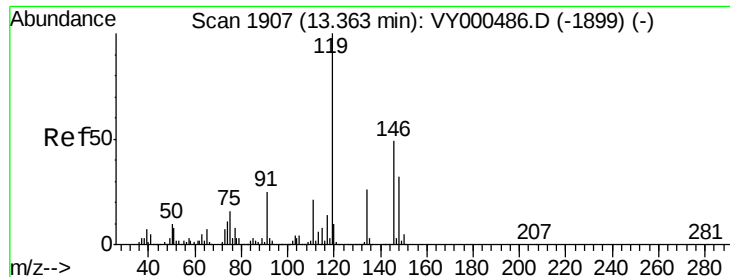
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#86
 p-Isopropyltoluene
 Concen: 22.400 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.6	40.8
91	23.6	12.0	36.1





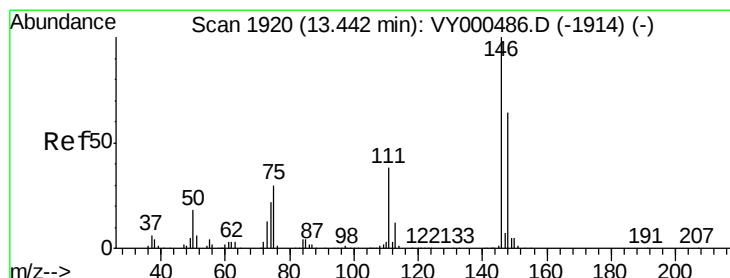
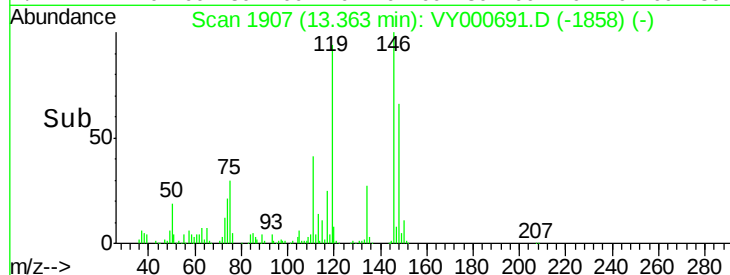
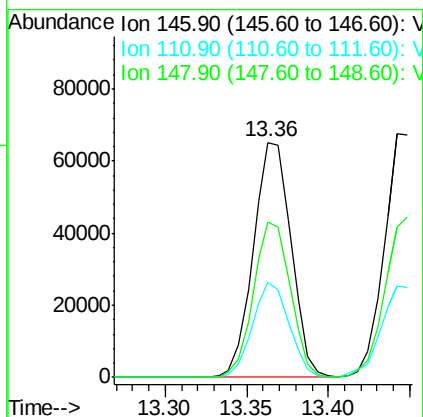
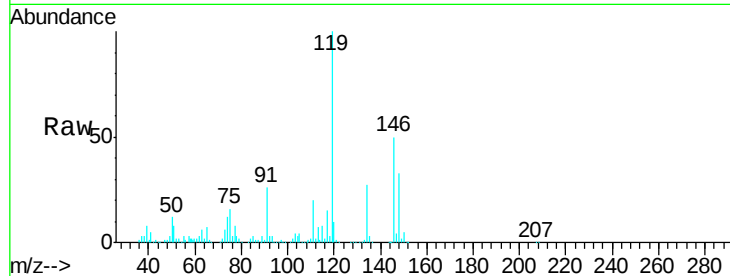
#87
1,3-Dichlorobenzene
Concen: 21.230 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104936		
111	39.4	20.3	60.8	
148	64.8	31.5	94.5	

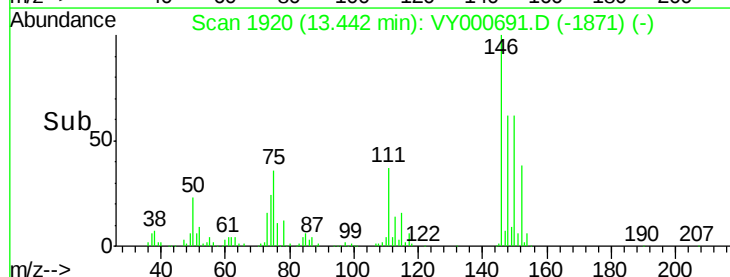
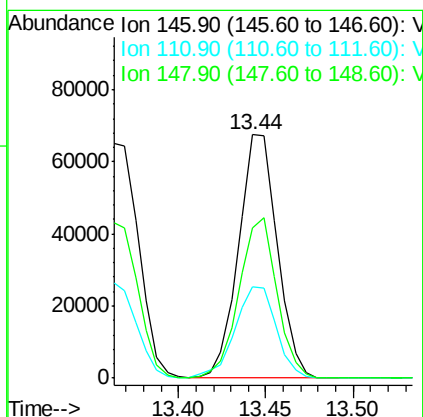
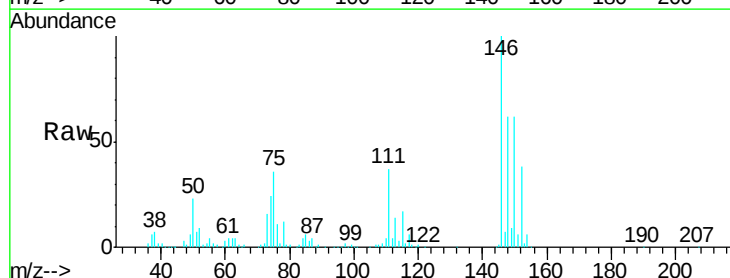
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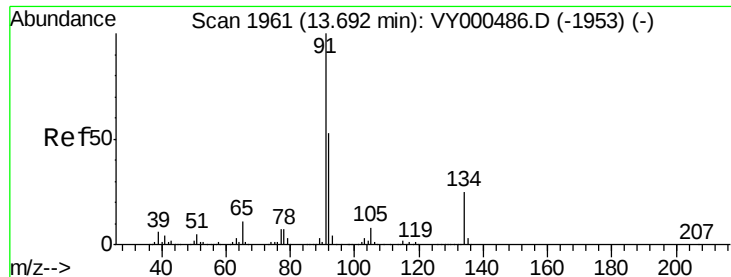
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#88
1,4-Dichlorobenzene
Concen: 21.073 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104086		
111	39.8	19.7	59.0	
148	64.4	31.9	95.7	





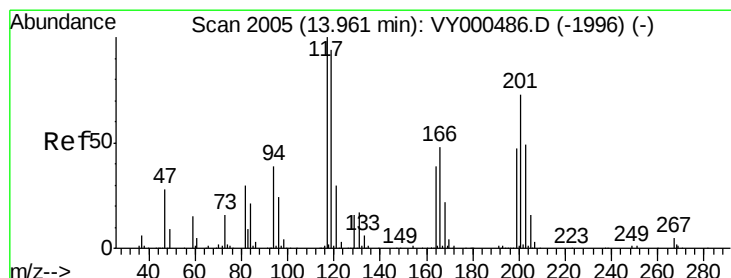
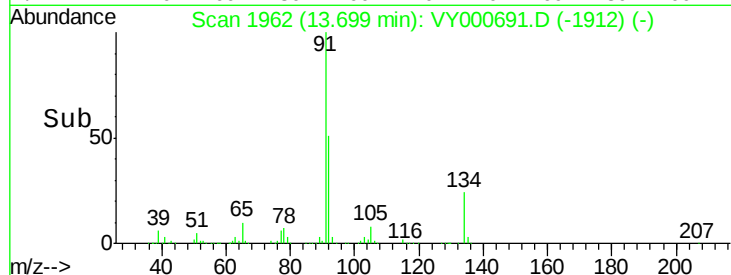
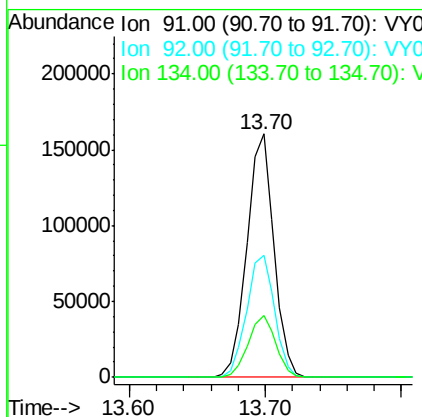
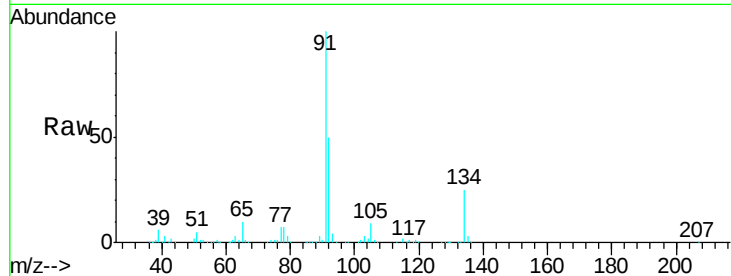
#89
n-Butylbenzene
Concen: 22.442 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	222413		
92	52.2	26.8	80.3	
134	26.1	12.9	38.7	

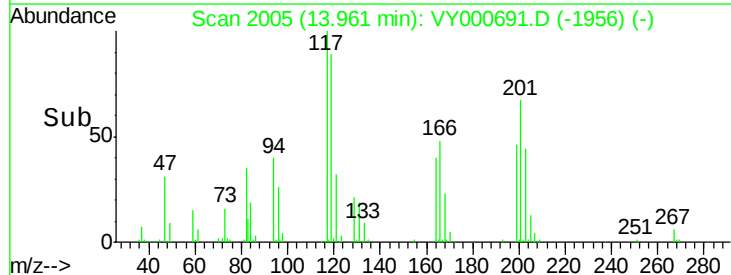
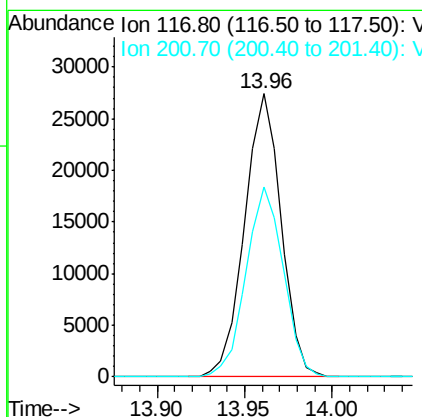
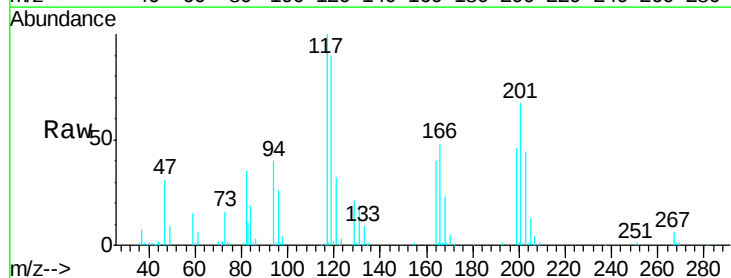
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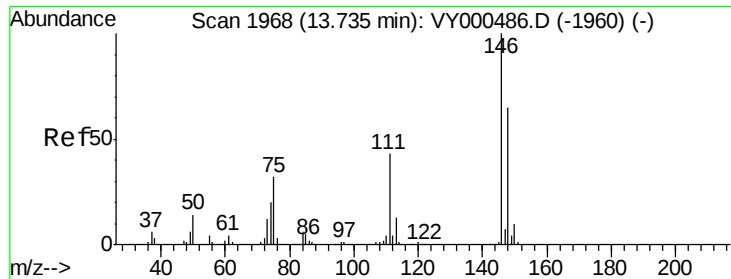
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#90
Hexachloroethane
Concen: 21.465 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000691.D
Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39874		
201	68.7	35.8	107.3	





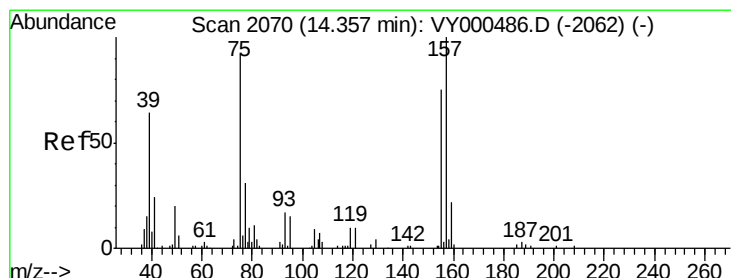
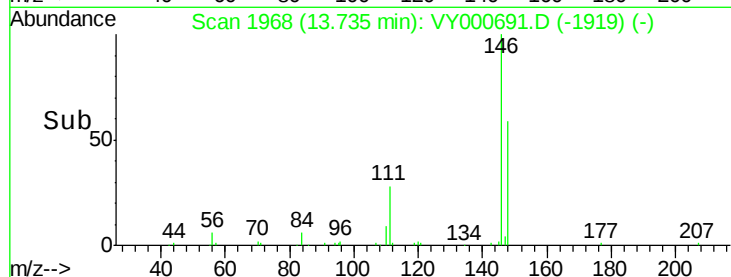
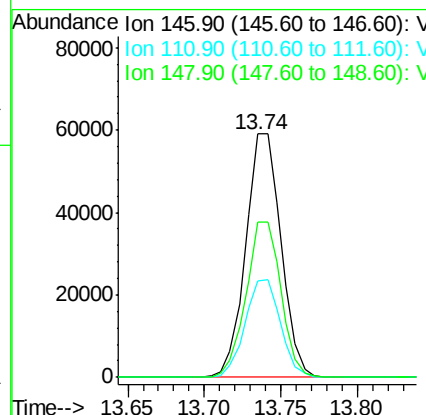
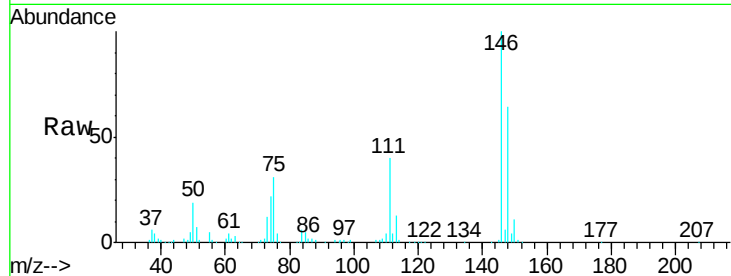
#91
 1,2-Dichlorobenzene
 Concen: 21.102 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.5
148	63.2	31.7	95.1

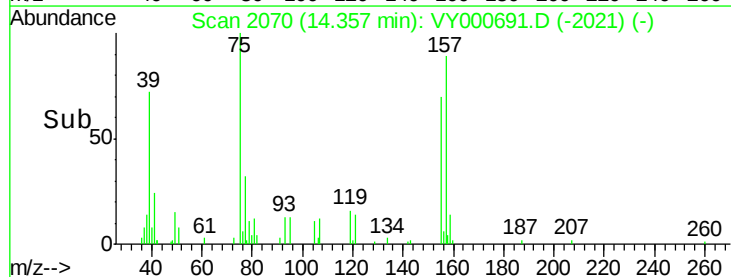
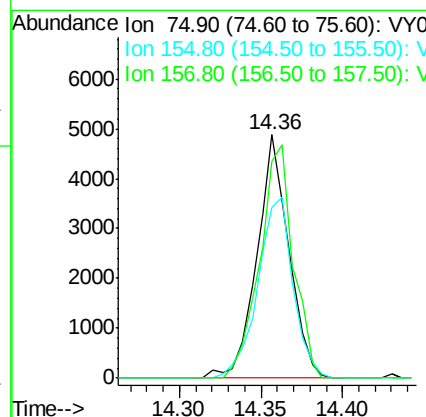
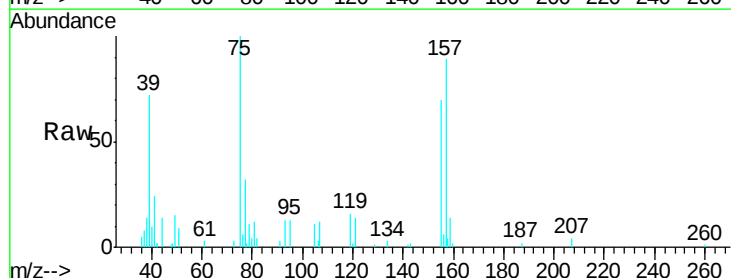
Manual Integrations
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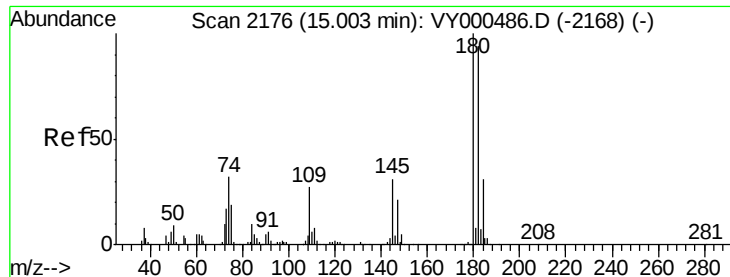
MMDadoda
 11/18/2019 3:24:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.971 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	42.4	127.1
157	100.7	55.1	165.3





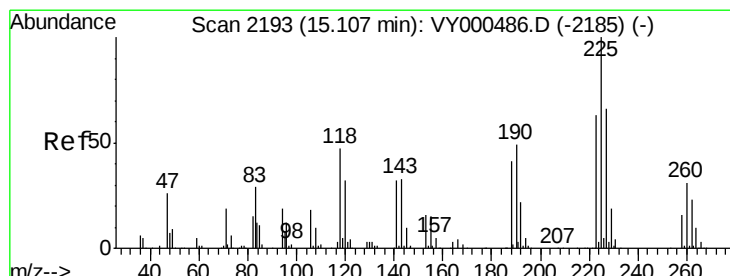
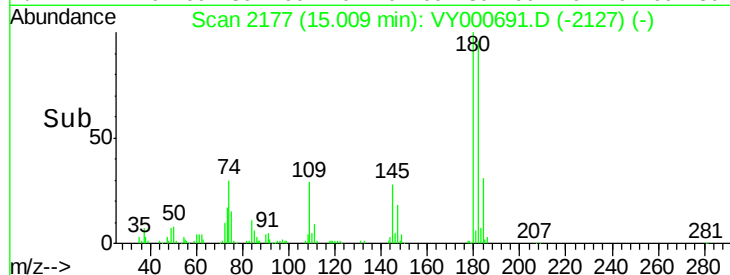
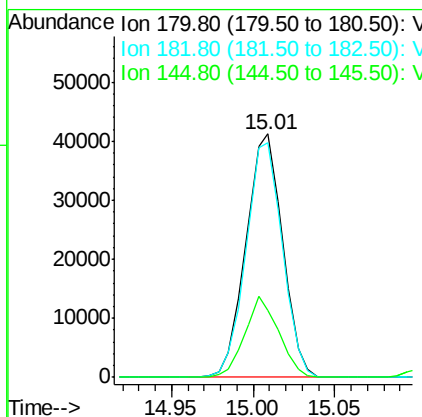
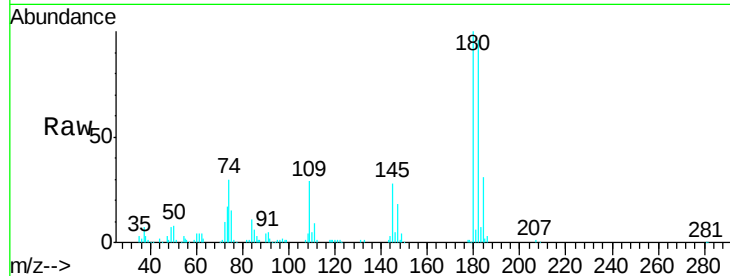
#93
 1,2,4-Trichlorobenzene
 Concen: 21.133 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64533		
182	96.3	47.8	143.4	
145	30.9	16.0	47.9	

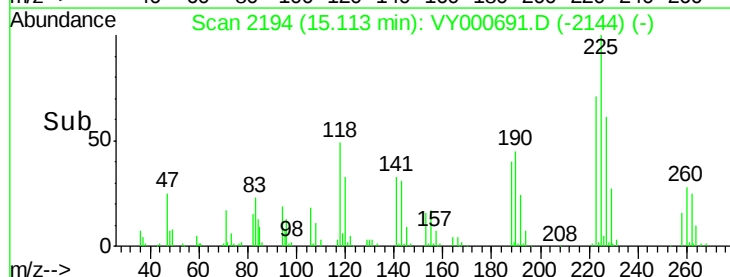
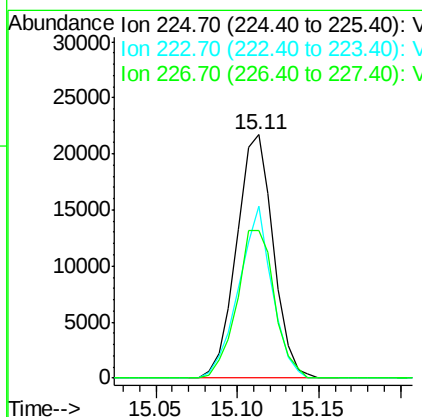
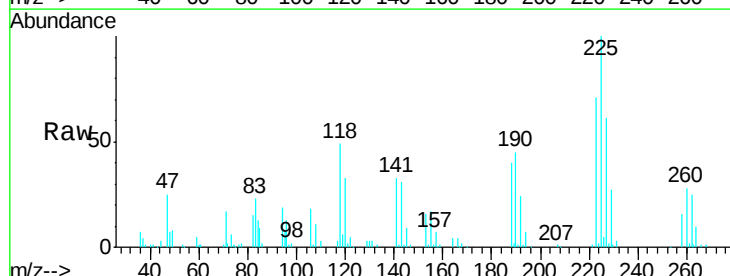
Manual Integrations
 APPROVED

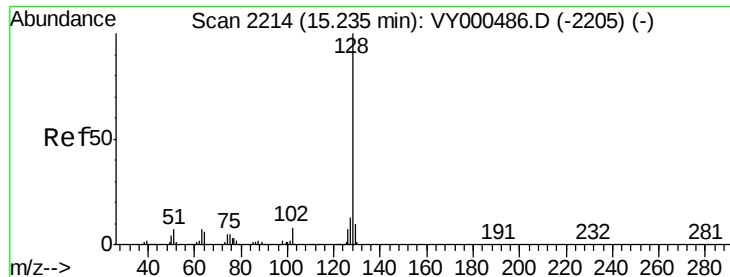
MMDadoda
 11/18/2019 3:24:15 PM



#94
 Hexachlorobutadiene
 Concen: 21.590 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000691.D
 Acq: 15 Nov 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33985		
223	64.3	31.3	93.8	
227	62.3	32.4	97.0	





#95

Naphthalene

Concen: 18.936 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Instrument :

MSVOA_Y

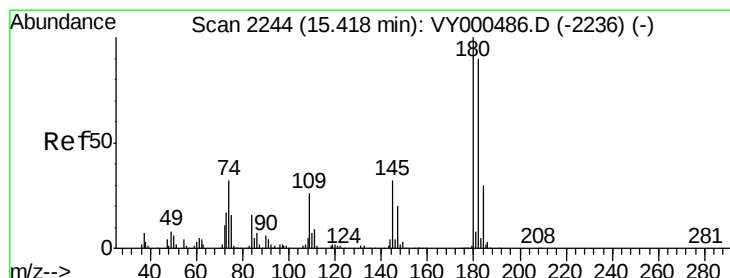
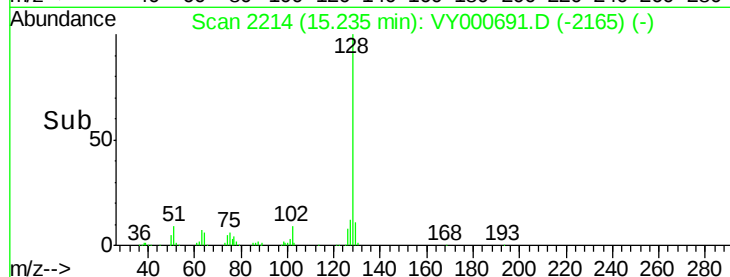
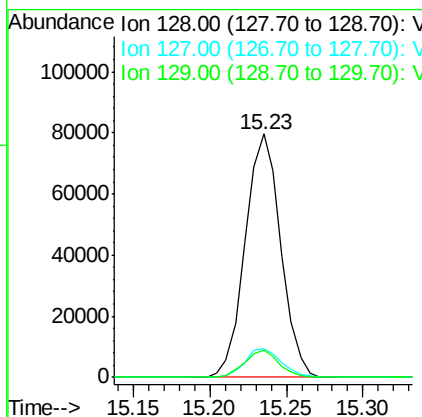
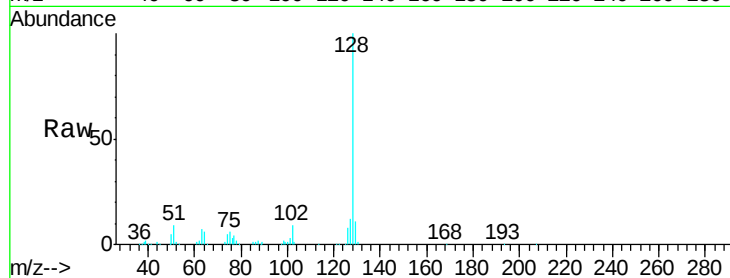
ClientSampleId :

VY1115SBS01

Tgt Ion:	128	Resp:	128362
Ion Ratio	Lower	Upper	
128	100		
127	12.2	9.8	14.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/18/2019 3:24:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.089 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000691.D

Acq: 15 Nov 2019 11:32

Tgt Ion:	180	Resp:	57775
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.4	142.3
145	31.9	15.7	47.0

