

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003054.D
 Acq On : 01 Jul 2020 13:14
 Operator : SY/MD
 Sample : VY0701SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Manual Integrations
 APPROVED

sam
 7/2/2020 4:48:52 PM

Quant Time: Jul 01 20:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	638329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	309796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	209522	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.72	113	200501	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.18	98	738560	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.48	95	259307	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	63798	19.329	ug/l	100
3) Chloromethane	2.12	50	85748	17.741	ug/l	100
4) Vinyl Chloride	2.26	62	97382	20.655	ug/l	97
5) Bromomethane	2.65	94	70754	22.103	ug/l	98
6) Chloroethane	2.79	64	65217	21.745	ug/l	94
7) Trichlorofluoromethane	3.13	101	143629	21.584	ug/l	99
8) Diethyl Ether	3.53	74	46593	20.425	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	85614	21.548	ug/l	99
10) Methyl Iodide	4.10	142	101270	20.555	ug/l	100
11) Tert butyl alcohol	4.96	59	54056	122.539	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	78656	20.806	ug/l	95
13) Acrolein	3.74	56	37998	95.906	ug/l	99
14) Allyl chloride	4.49	41	128910	19.530	ug/l	97
15) Acrylonitrile	5.18	53	118860	101.098	ug/l	98
16) Acetone	3.96	43	102023	99.936	ug/l	98
17) Carbon Disulfide	4.20	76	247297	20.474	ug/l	98
18) Methyl Acetate	4.49	43	51106	18.581	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	230832	20.948	ug/l	98
20) Methylene Chloride	4.72	84	117165	21.786	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	89673	20.970	ug/l	91
22) Diisopropyl ether	6.13	45	282702	19.983	ug/l	93
23) Vinyl Acetate	6.07	43	940618	99.451	ug/l	99
24) 1,1-Dichloroethane	6.02	63	159496	20.639	ug/l	98
25) 2-Butanone	7.00	43	165928	102.319	ug/l	99
26) 2,2-Dichloropropane	6.99	77	150252	21.400	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	102510	21.373	ug/l	98
28) Bromochloromethane	7.34	49	65009	18.907	ug/l	93
29) Tetrahydrofuran	7.35	42	105003	97.367	ug/l	96
30) Chloroform	7.52	83	160559	20.972	ug/l	99
31) Cyclohexane	7.79	56	154565	20.303	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	144982	20.747	ug/l	100
36) 1,1-Dichloropropene	7.93	75	125693	20.442	ug/l	97
37) Ethyl Acetate	7.08	43	74736	20.216	ug/l	98
38) Carbon Tetrachloride	7.91	117	133819	20.918	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	160721	21.082	ug/l	98
40) Benzene	8.16	78	354810	21.078	ug/l	97
41) Methacrylonitrile	7.33	41	43240m	21.896	ug/l	
42) 1,2-Dichloroethane	8.24	62	110660	20.780	ug/l	99
43) Isopropyl Acetate	8.28	43	138493	19.706	ug/l	97
44) Trichloroethene	8.94	130	104761	21.412	ug/l	99
45) 1,2-Dichloropropane	9.22	63	93197	20.579	ug/l	96
46) Dibromomethane	9.31	93	52288	20.672	ug/l	99
47) Bromodichloromethane	9.50	83	130853	21.127	ug/l	97
48) Methyl methacrylate	9.30	41	62226	19.452	ug/l	95
49) 1,4-Dioxane	9.30	88	12971	420.095	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	379228	104.400	ug/l	99
52) Toluene	10.24	92	226884	21.411	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	132655	20.429	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	152623	20.552	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	76258	21.696	ug/l	98
56) Ethyl methacrylate	10.51	69	105324	20.701	ug/l	97
57) 1,3-Dichloropropane	10.79	76	126228	20.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	236174	90.507	ug/l	100
59) 2-Hexanone	10.83	43	255938	100.804	ug/l	99
60) Dibromochloromethane	10.99	129	95840	21.307	ug/l	99
61) 1,2-Dibromoethane	11.09	107	72354	20.881	ug/l	99
64) Tetrachloroethene	10.72	164	105748	21.421	ug/l	96
65) Chlorobenzene	11.52	112	244059	21.220	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	95099	21.178	ug/l	99
67) Ethyl Benzene	11.59	91	445877	21.190	ug/l	99
68) m/p-Xylenes	11.70	106	331896	42.381	ug/l	99
69) o-Xylene	12.03	106	156018	21.142	ug/l	99
70) Styrene	12.04	104	267041	21.182	ug/l	99
71) Bromoform	12.20	173	63437	21.186	ug/l	99
73) Isopropylbenzene	12.33	105	429813	21.199	ug/l	100
74) N-amyl acetate	12.14	43	130433	19.761	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	87412	21.364	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	64002m	20.875	ug/l	
77) Bromobenzene	12.61	156	107794	20.736	ug/l	98
78) n-propylbenzene	12.67	91	518634	21.270	ug/l	100
79) 2-Chlorotoluene	12.75	91	286511	21.051	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	362868	21.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31637	20.076	ug/l	95
82) 4-Chlorotoluene	12.85	91	300386	21.198	ug/l	100
83) tert-Butylbenzene	13.08	119	318470	21.318	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	361863	21.108	ug/l	99
85) sec-Butylbenzene	13.25	105	438207	21.281	ug/l	99
86) p-Isopropyltoluene	13.37	119	403729	21.159	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	205338	21.157	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	202584	21.168	ug/l	98
89) n-Butylbenzene	13.69	91	388504	21.281	ug/l	99
90) Hexachloroethane	13.96	117	80632	21.282	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	186815	21.454	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14874	20.536	ug/l	94

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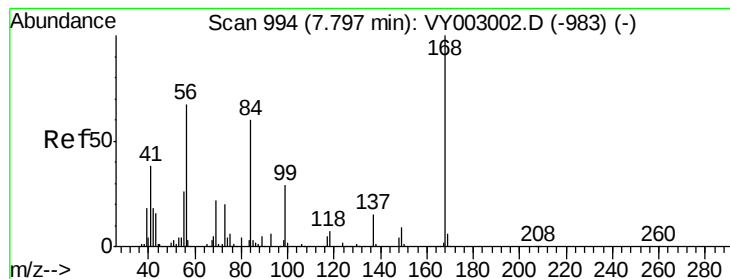
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	139143	21.504	ug/l	99
94) Hexachlorobutadiene	15.11	225	88842	21.768	ug/l	97
95) Naphthalene	15.23	128	252973	21.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	121004	21.537	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion:168 Resp: 435820

Ion Ratio Lower Upper

168 100

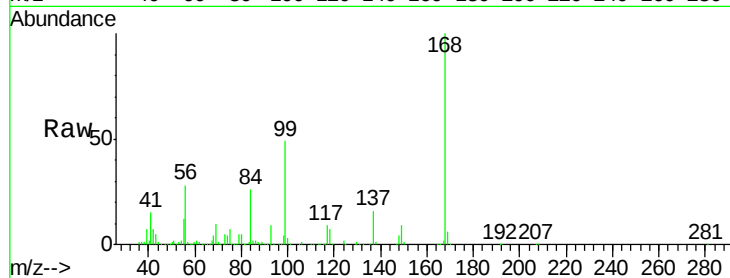
99 49.3 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

100000

50000

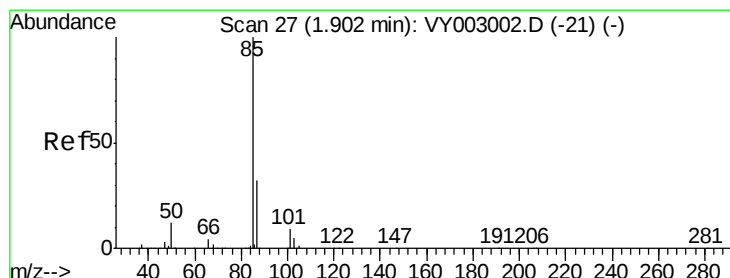
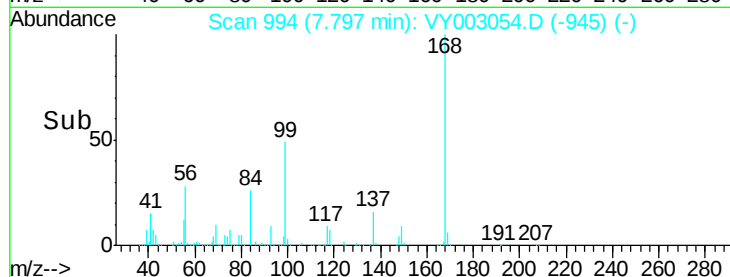
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.329 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003054.D

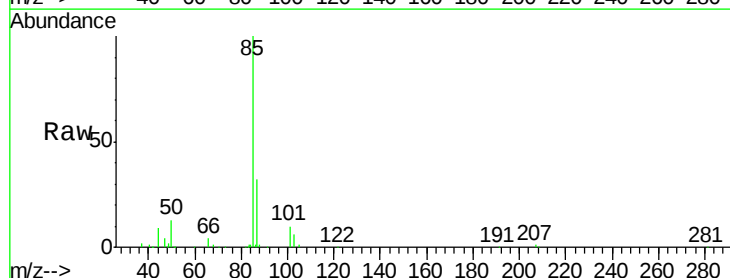
Acq: 01 Jul 2020 13:14

Tgt Ion: 85 Resp: 63798

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

40000

30000

20000

10000

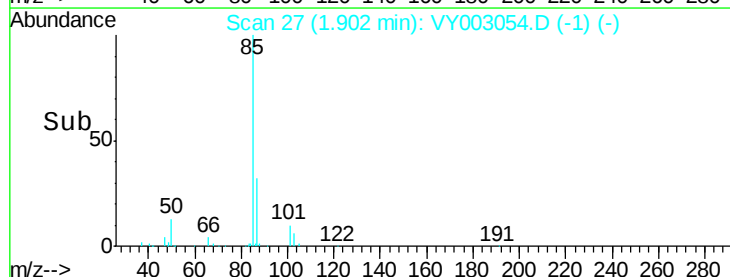
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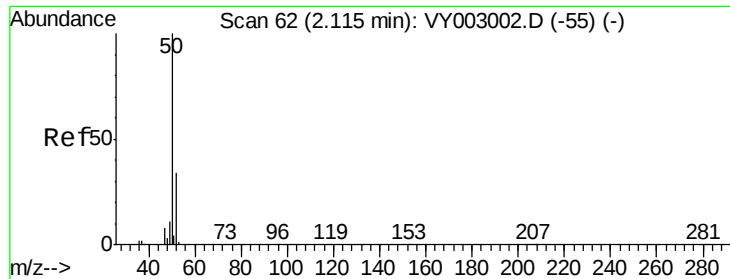
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 17.741 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 50 Resp: 85748

Ion Ratio Lower Upper

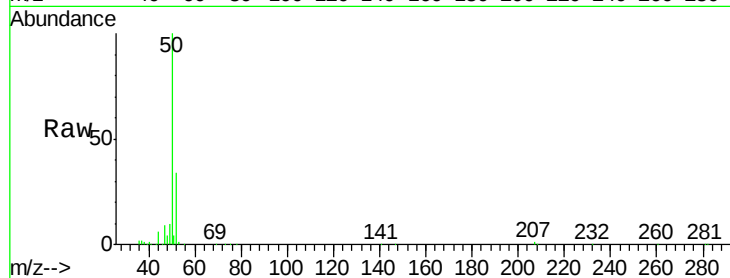
50 100

52 33.7 26.9 40.3

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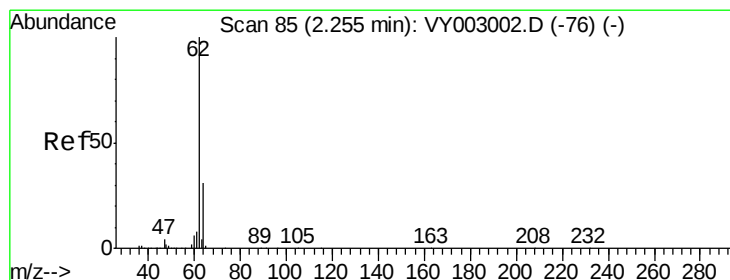
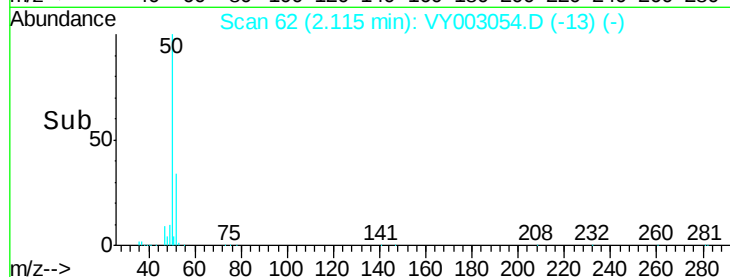
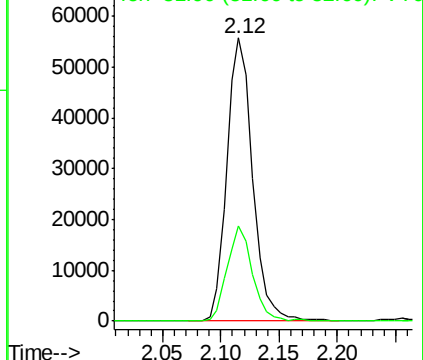
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.655 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003054.D

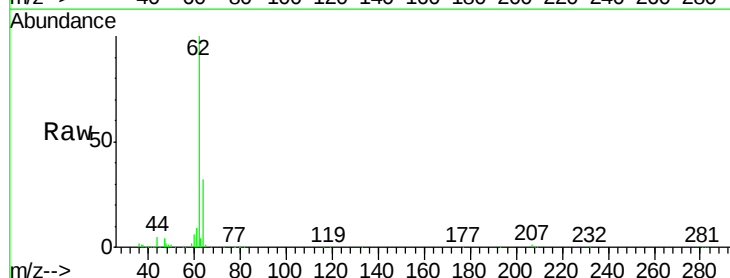
Acq: 01 Jul 2020 13:14

Tgt Ion: 62 Resp: 97382

Ion Ratio Lower Upper

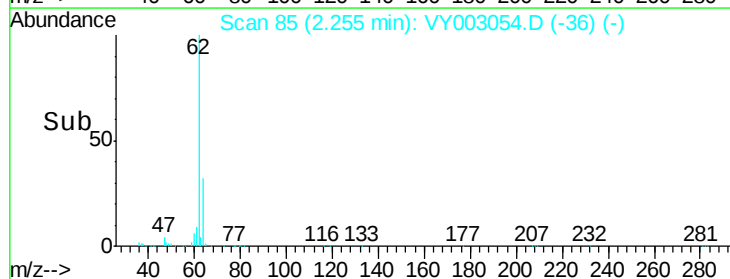
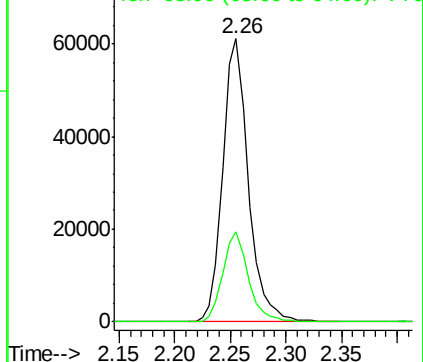
62 100

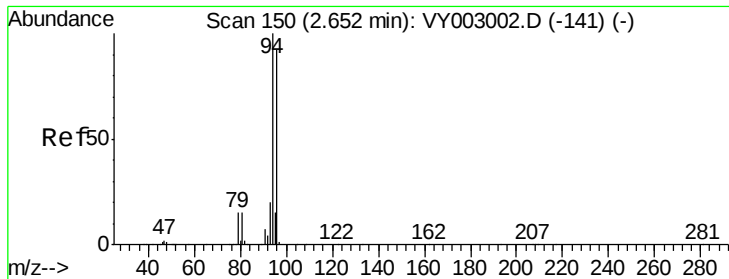
64 32.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.103 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 94 Resp: 70754

Ion Ratio Lower Upper

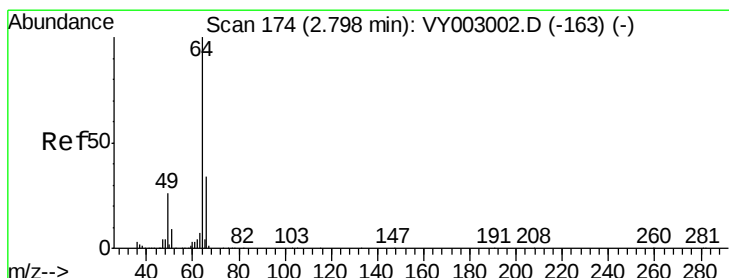
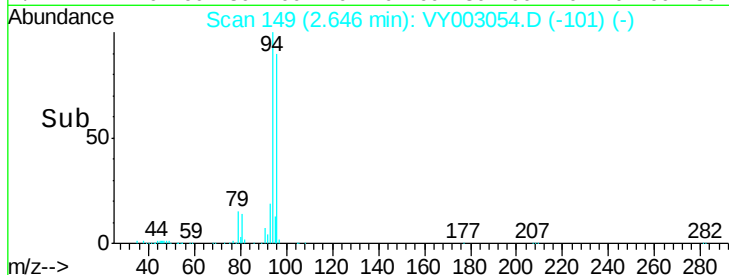
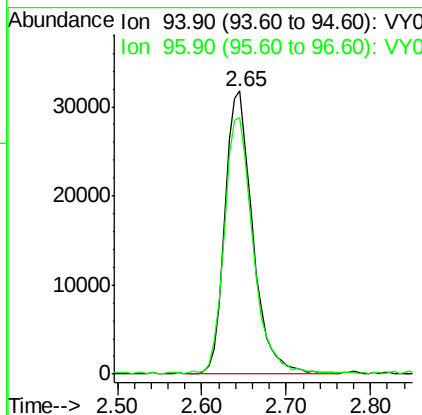
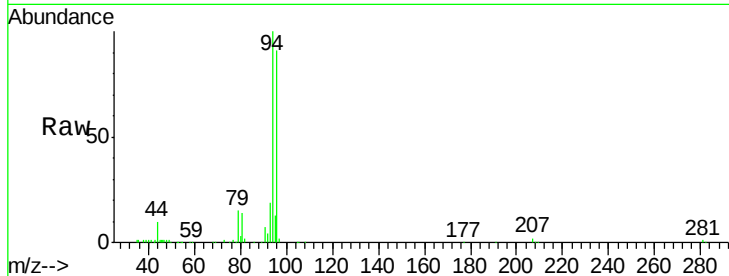
94 100

96 90.3 73.4 110.2

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#6

Chloroethane

Concen: 21.745 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003054.D

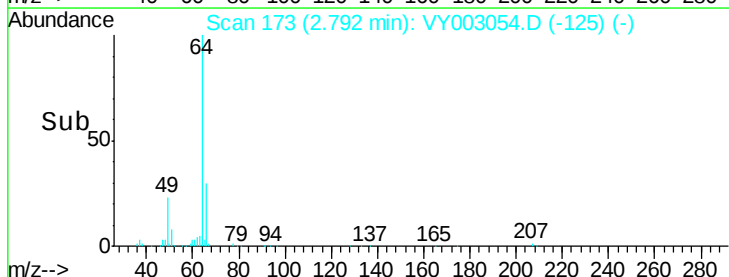
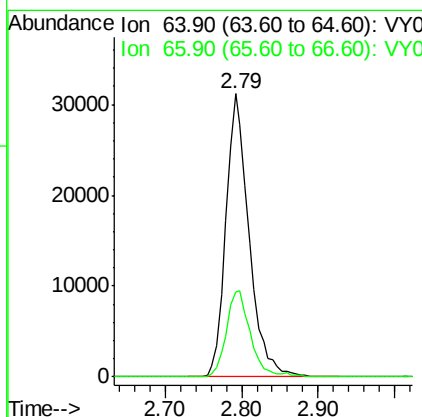
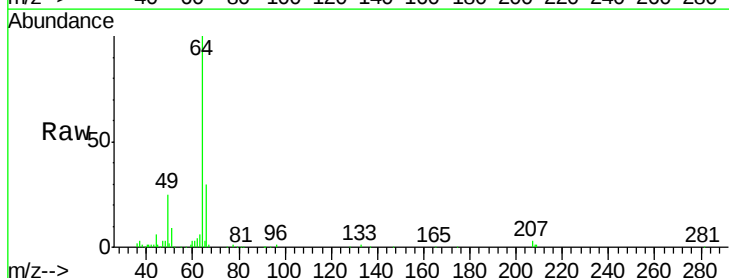
Acq: 01 Jul 2020 13:14

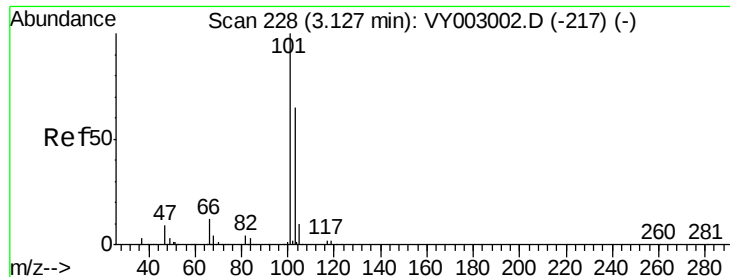
Tgt Ion: 64 Resp: 65217

Ion Ratio Lower Upper

64 100

66 30.2 27.0 40.4





#7

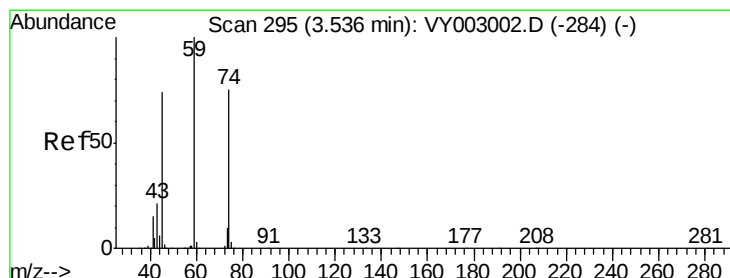
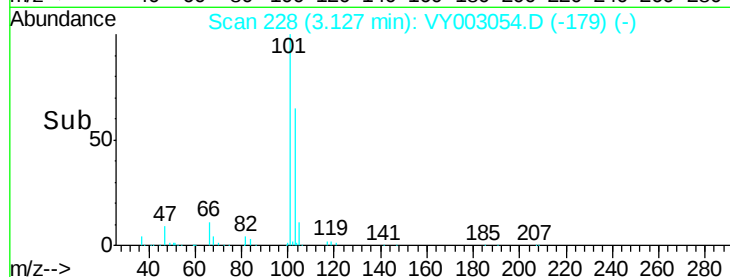
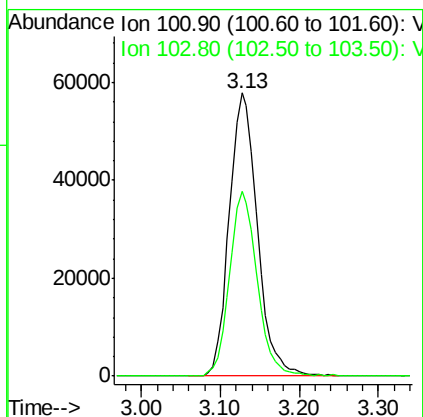
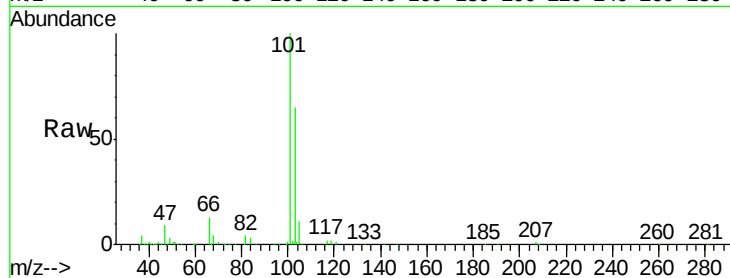
Trichlorofluoromethane
Concen: 21.584 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

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ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.6	77.4

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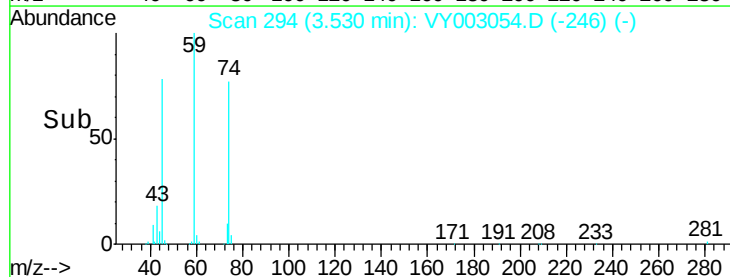
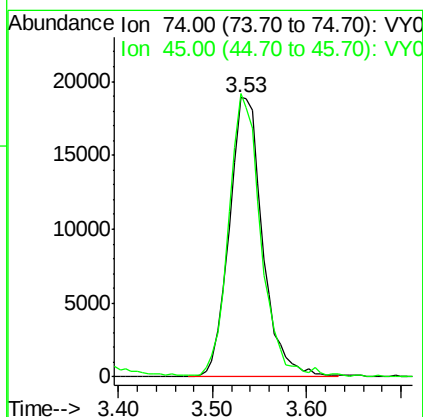
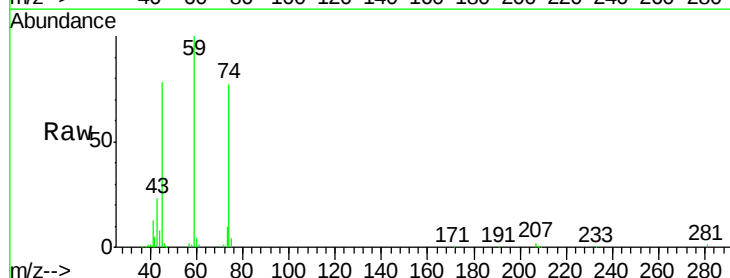
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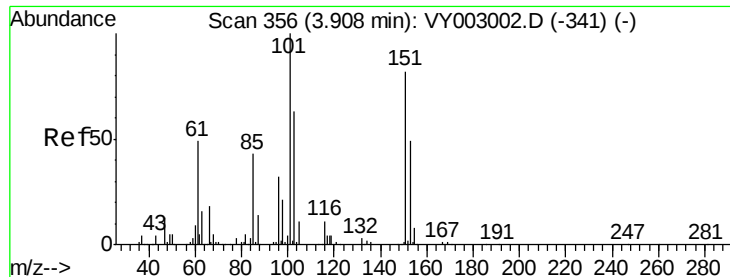


#8

Diethyl Ether
Concen: 20.425 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.548 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

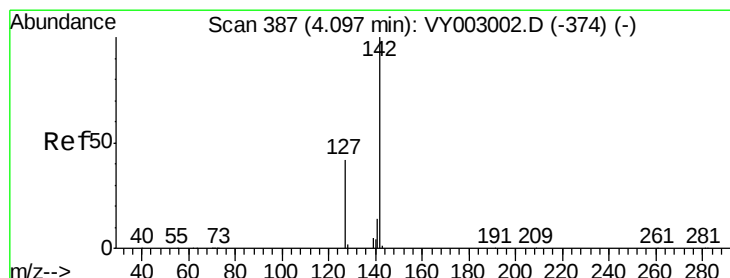
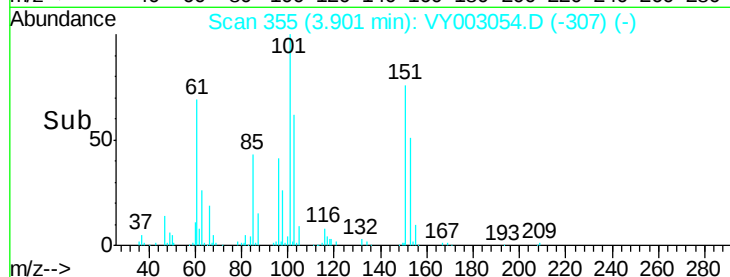
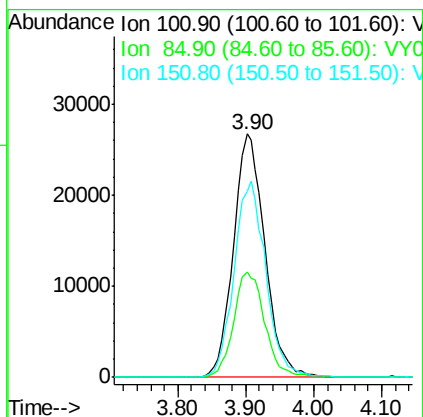
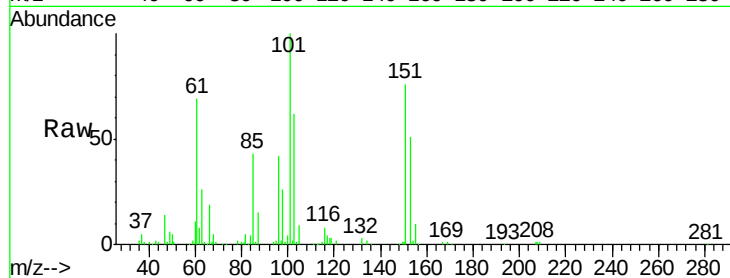
ClientSampleId :

VY0701SBSD01

Tot Ion:	101	Resp:	85614
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.5	53.3
151	81.7	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.555 ug/l

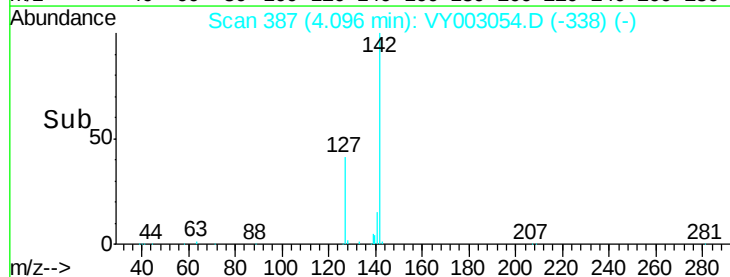
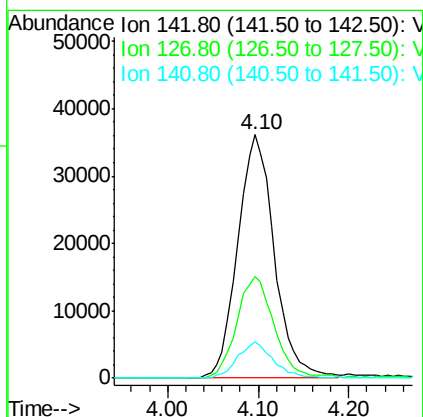
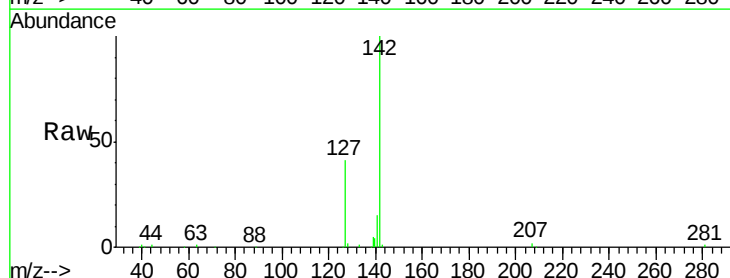
RT: 4.10 min Scan# 387

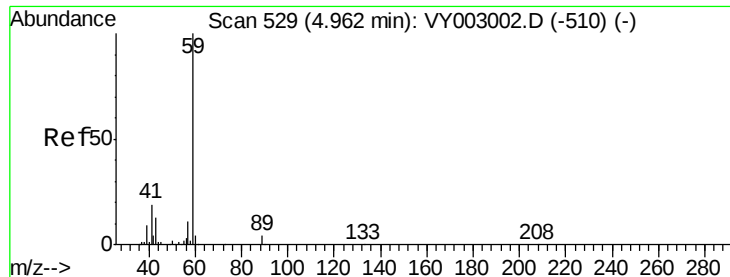
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	142	Resp:	101270
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.2	51.2
141	14.4	11.7	17.5





#11

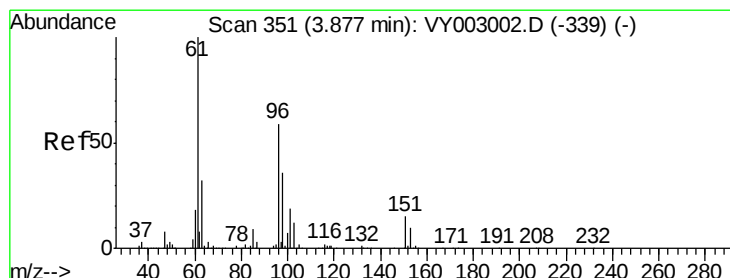
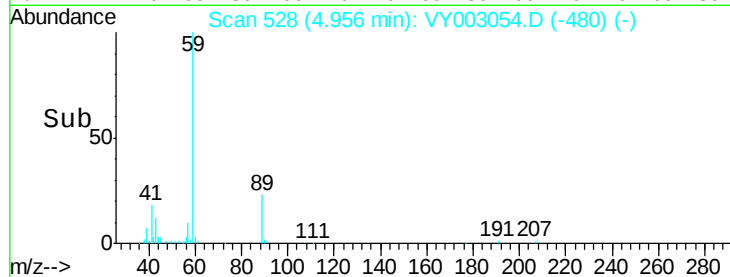
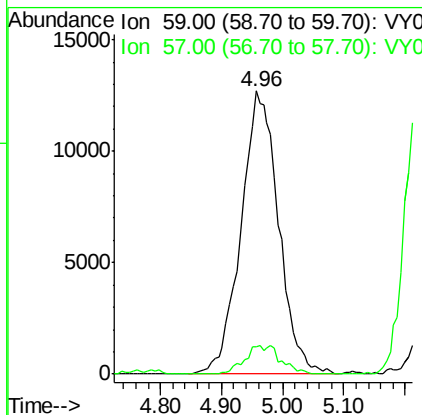
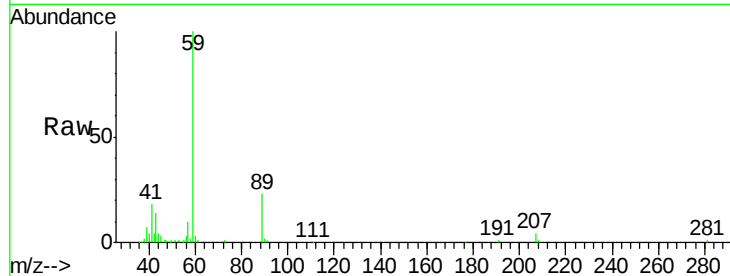
Tert butyl alcohol
Concen: 122.539 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.0	12.0#

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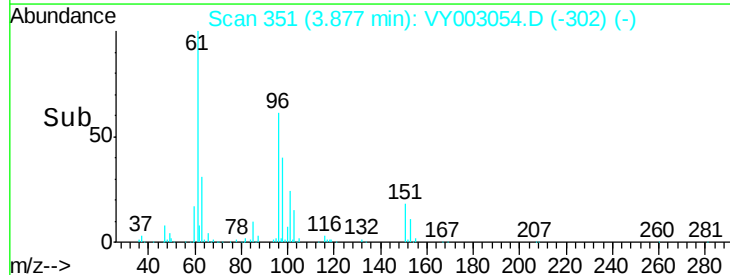
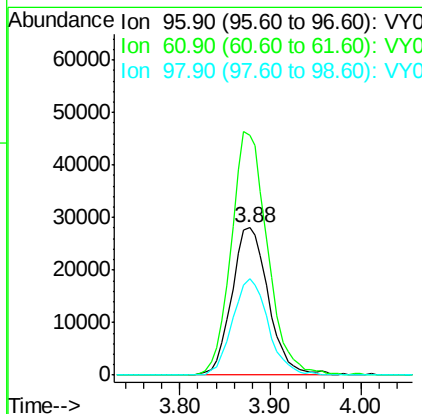
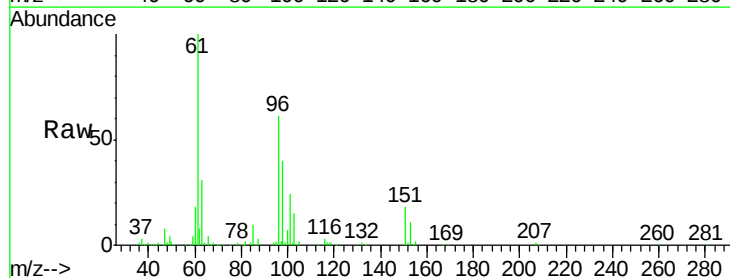
sam
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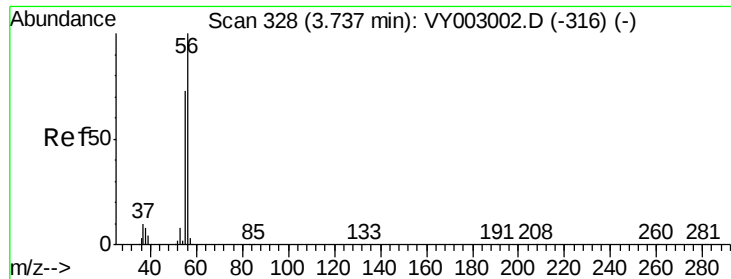


#12

1,1-Dichloroethene
Concen: 20.806 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	136.7	205.1
98	65.1	49.7	74.5





#13

Acrolein

Concen: 95.906 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 56 Resp: 37998

Ion Ratio Lower Upper

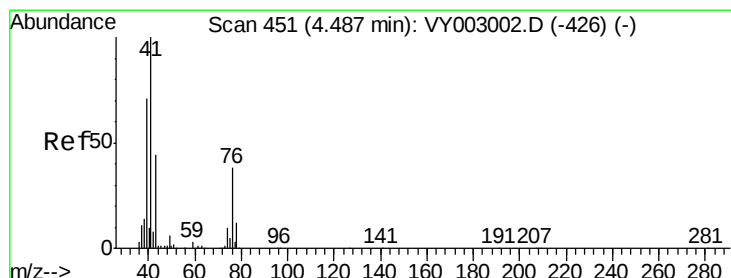
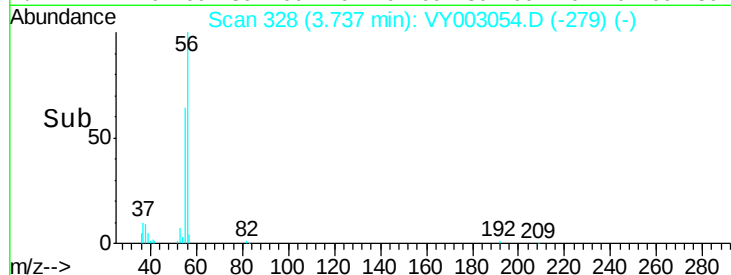
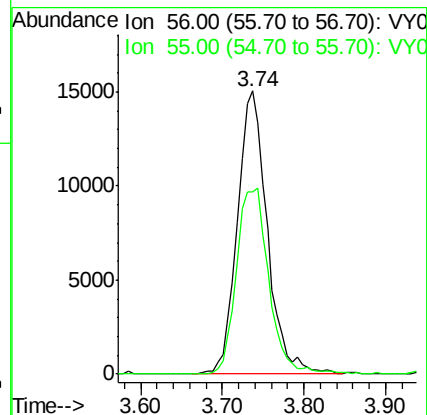
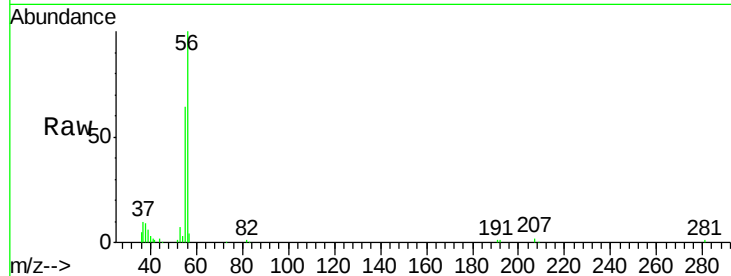
56 100

55 71.2 56.4 84.6

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#14

Allyl chloride

Concen: 19.530 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

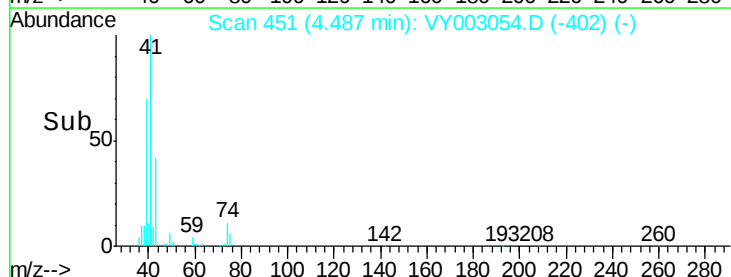
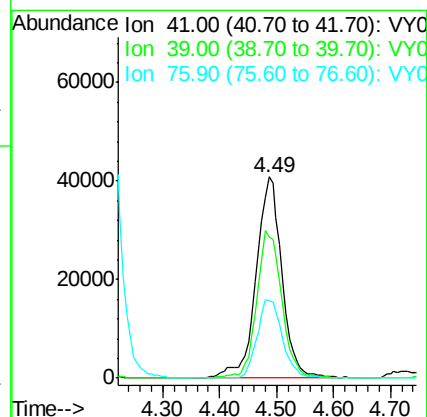
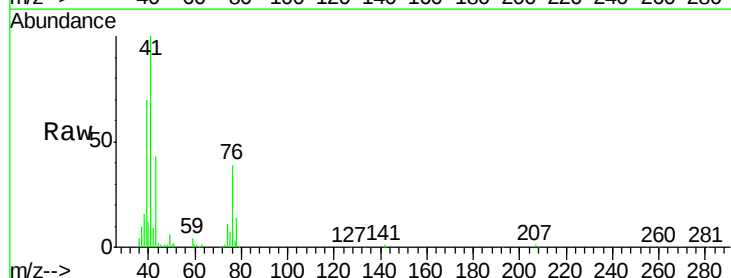
Tgt Ion: 41 Resp: 128910

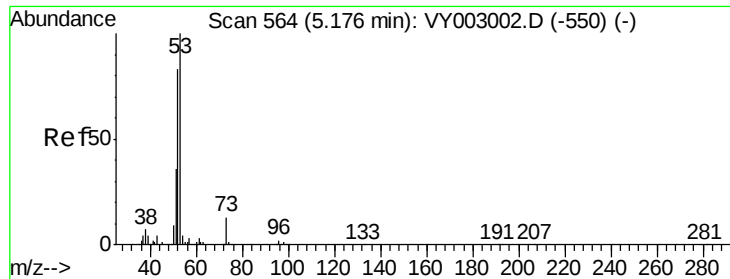
Ion Ratio Lower Upper

41 100

39 71.0 55.6 83.4

76 38.2 28.6 43.0





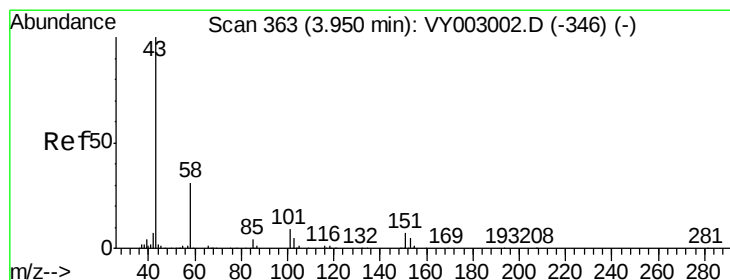
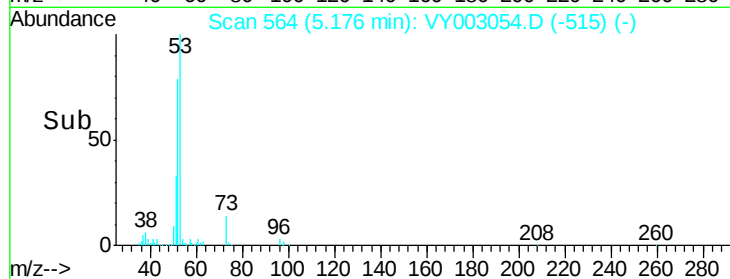
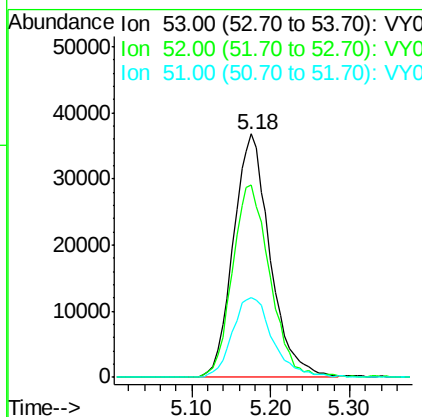
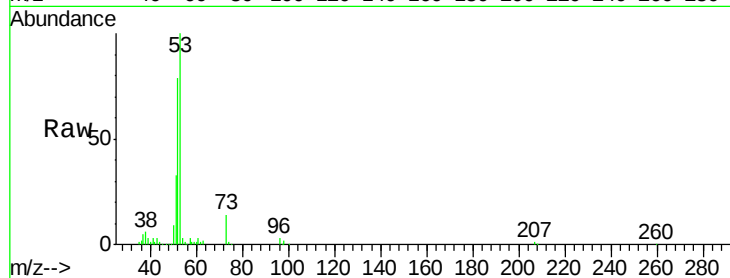
#15
 Acrylonitrile
 Concen: 101.098 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.2	99.2
51	36.1	29.5	44.3

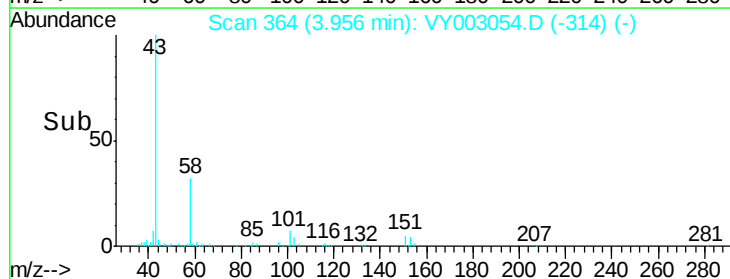
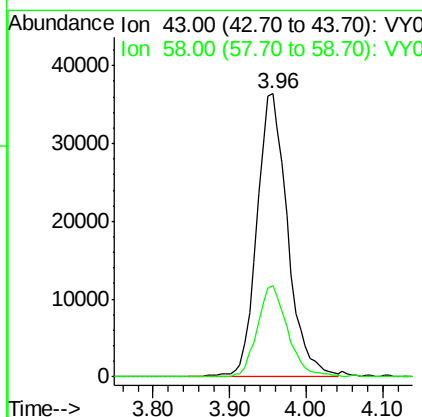
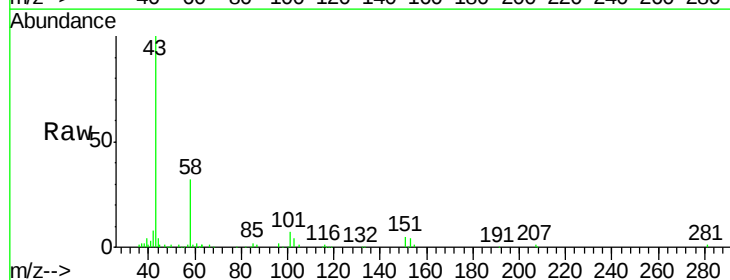
Manual Integrations
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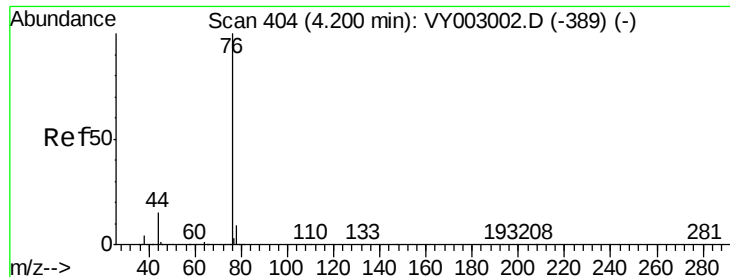
sam
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#16
 Acetone
 Concen: 99.936 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.7	37.1





#17

Carbon Disulfide

Concen: 20.474 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 76 Resp: 247297

Ion Ratio Lower Upper

76 100

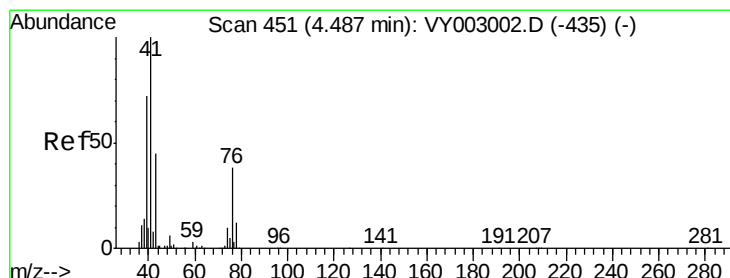
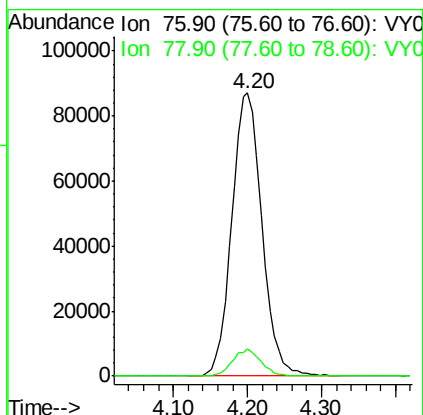
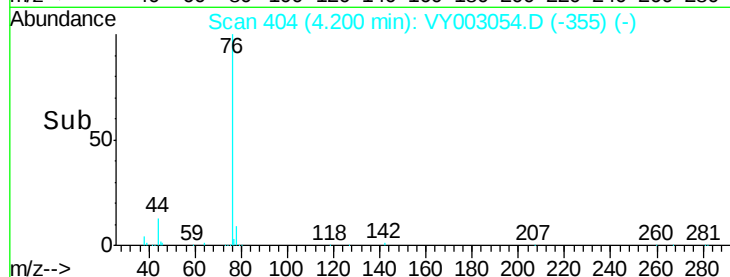
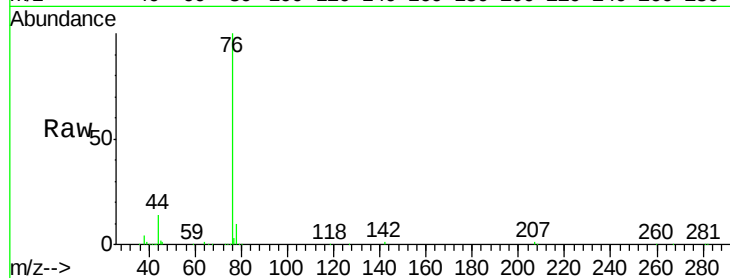
78 9.5 7.0 10.6

Manual Integrations

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sam

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#18

Methyl Acetate

Concen: 18.581 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003054.D

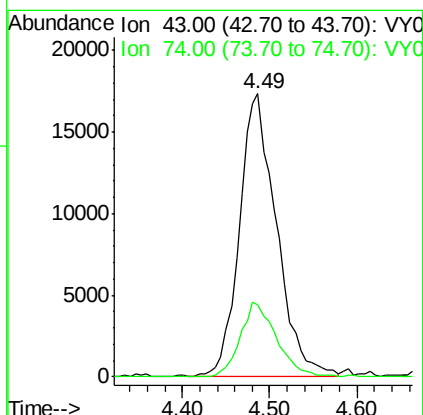
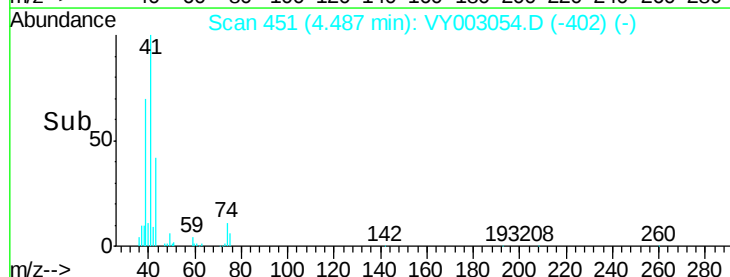
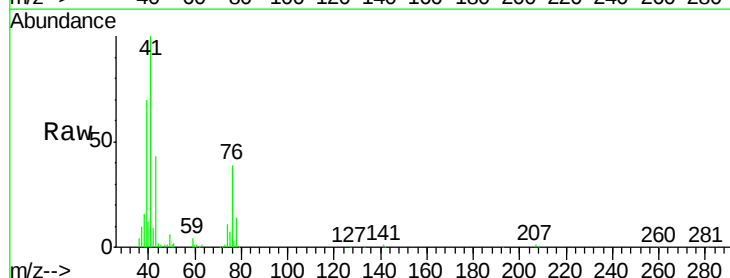
Acq: 01 Jul 2020 13:14

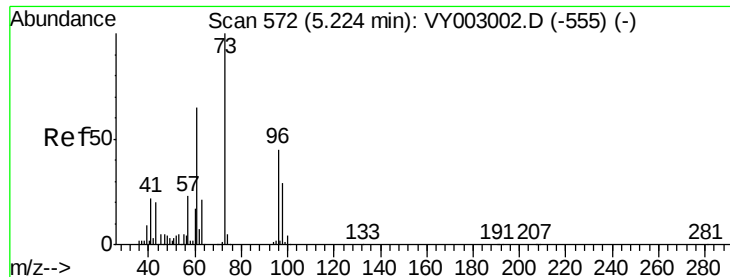
Tgt Ion: 43 Resp: 51106

Ion Ratio Lower Upper

43 100

74 25.8 18.2 27.4





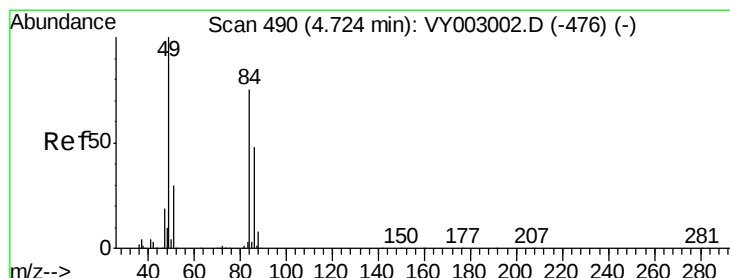
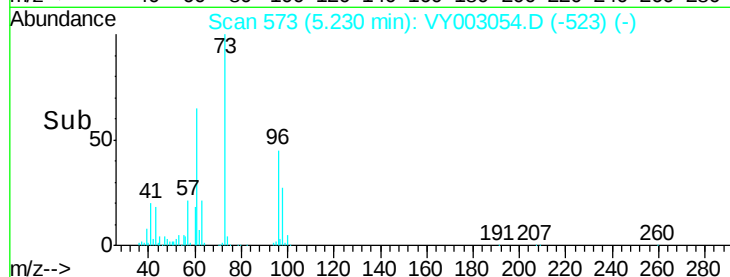
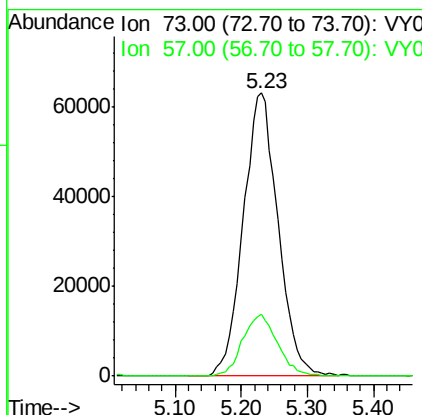
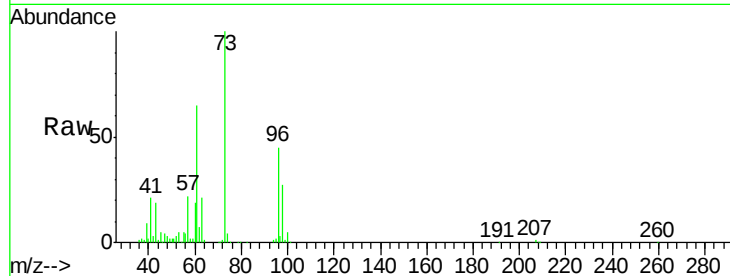
#19
Methvl tert-butvl Ether
Concen: 20.948 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion: 73 Resp: 230832
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.2

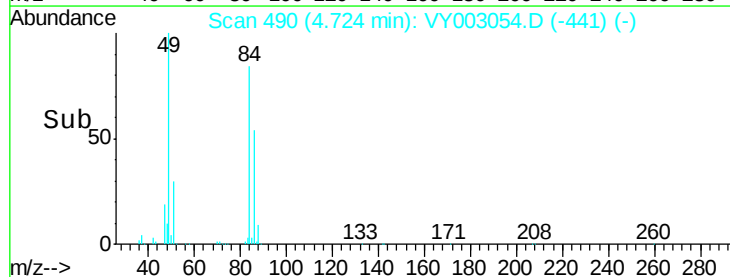
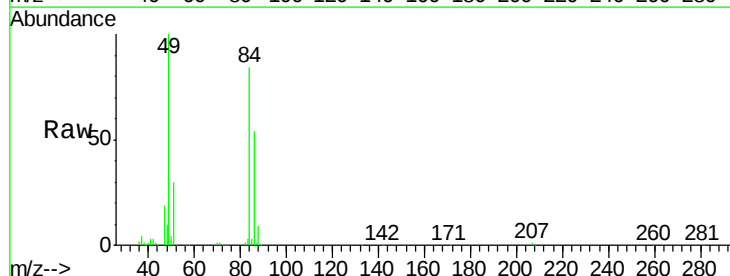
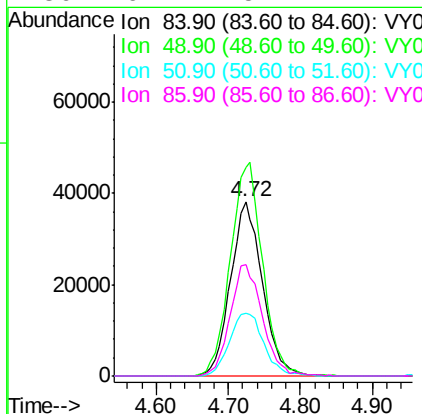
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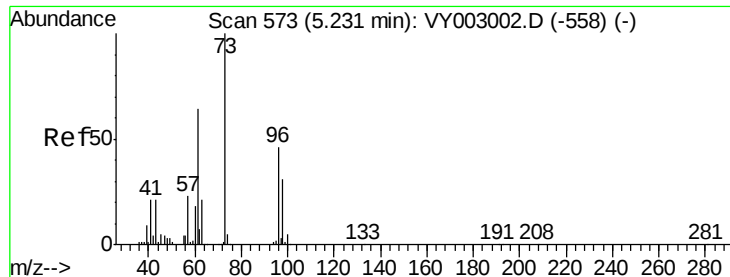
sam
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#20
Methylene Chloride
Concen: 21.786 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 84 Resp: 117165
Ion Ratio Lower Upper
84 100
49 119.6 106.8 160.2
51 36.2 32.0 48.0
86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.970 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

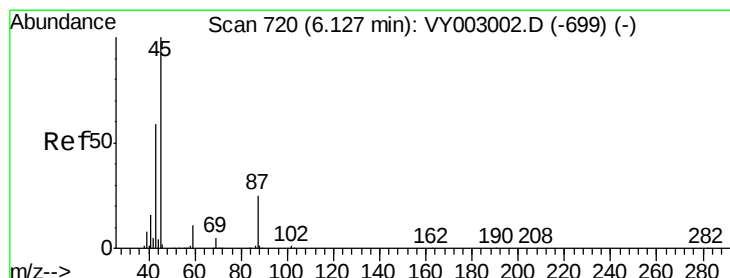
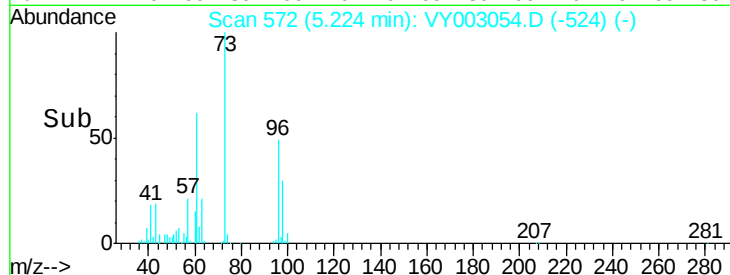
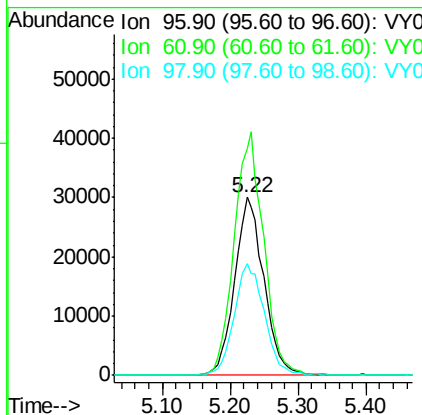
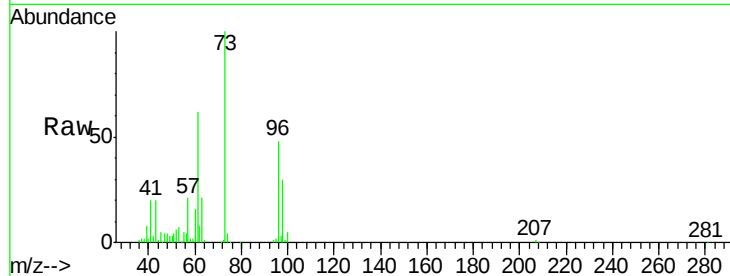
ClientSampleId :

VY0701SBSD01

Tot Ion:	96	Resp:	89673
Ion	Ratio	Lower	Upper
96	100		
61	127.8	112.3	168.5
98	62.6	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.983 ug/l

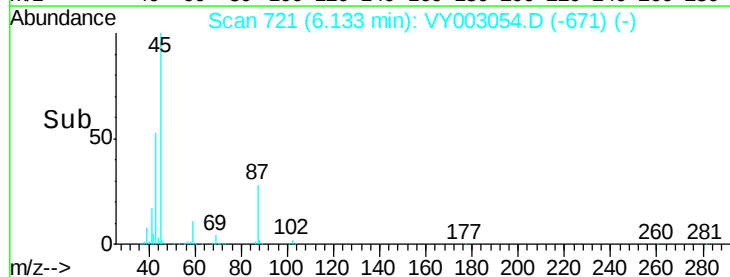
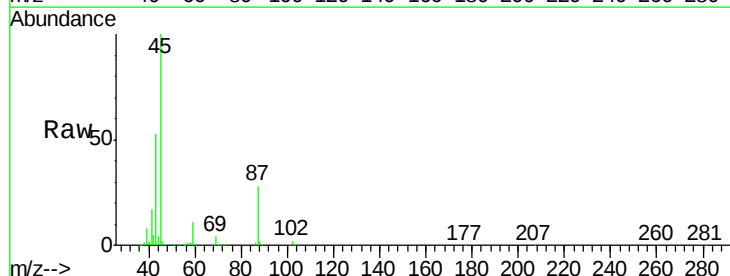
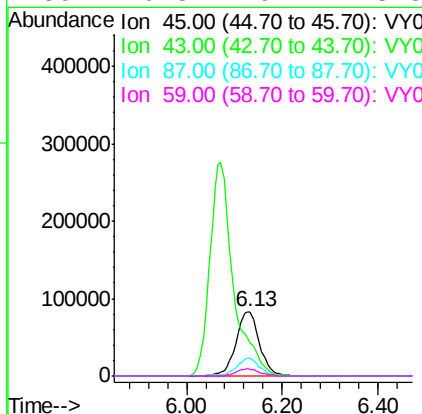
RT: 6.13 min Scan# 721

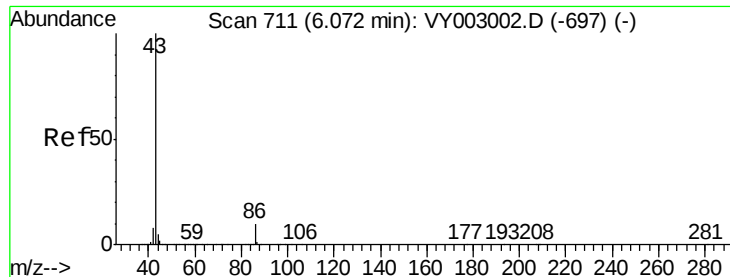
Delta R.T. 0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	45	Resp:	282702
Ion	Ratio	Lower	Upper
45	100		
43	52.6	47.4	71.2
87	28.2	20.2	30.2
59	10.8	9.2	13.8





#23

Vinyl Acetate

Concen: 99.451 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

Tot Ion: 43 Resp: 940618

Ion Ratio Lower Upper

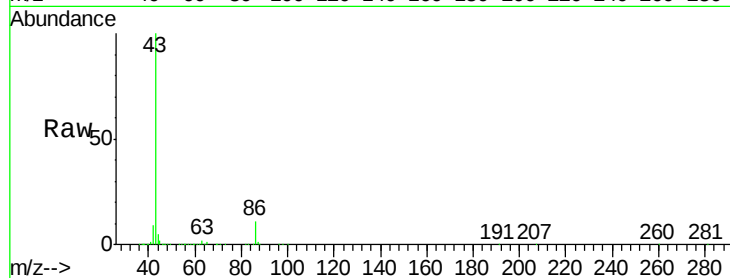
43 100

86 10.6 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

300000

250000

200000

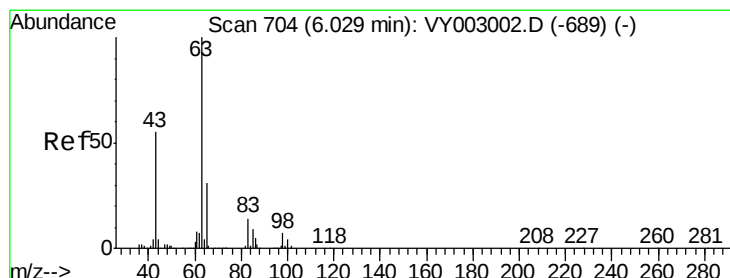
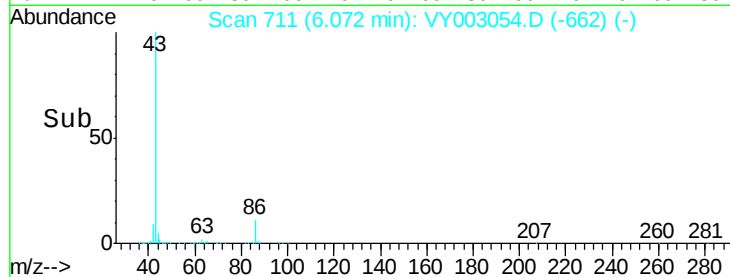
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.639 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

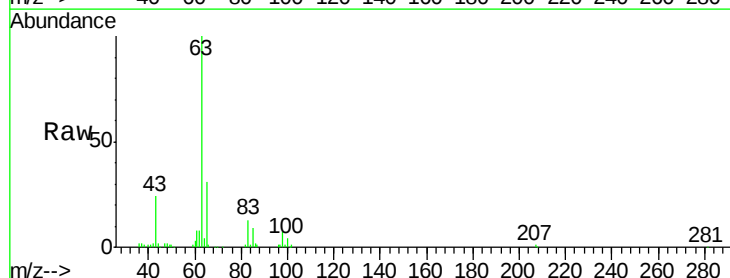
Tgt Ion: 63 Resp: 159496

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

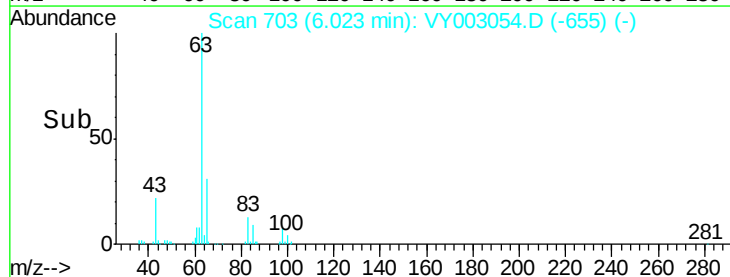
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 102.319 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 43 Resp: 165928

Ion Ratio Lower Upper

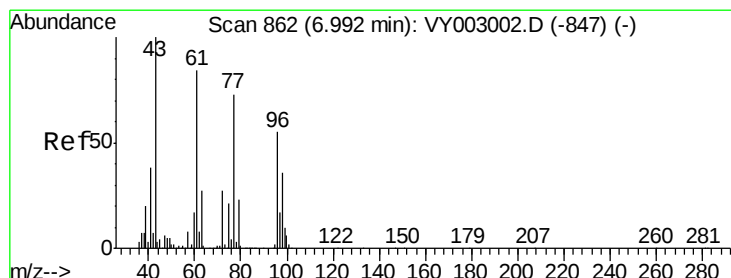
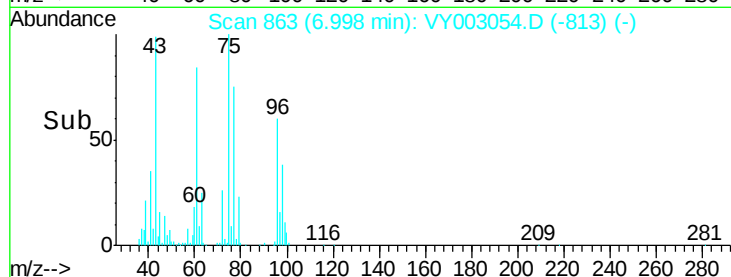
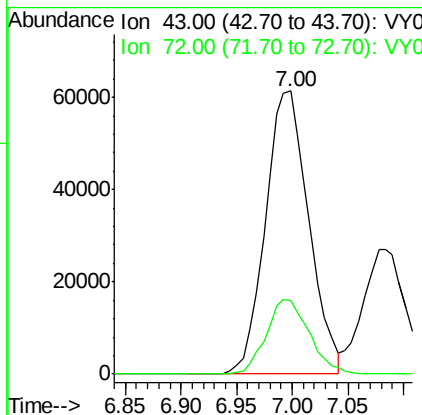
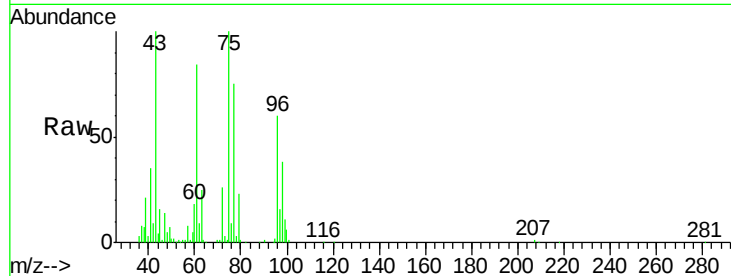
43 100

72 26.0 21.4 32.0

Manual Integrations
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sam

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#26

2,2-Dichloropropane

Concen: 21.400 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003054.D

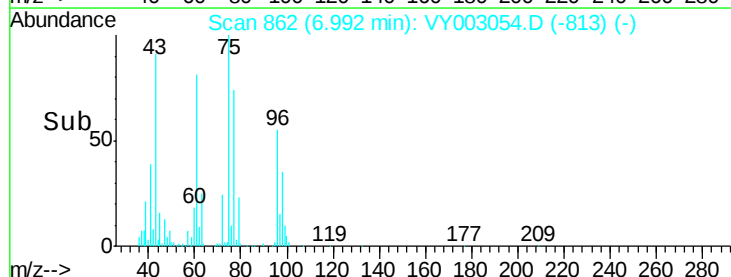
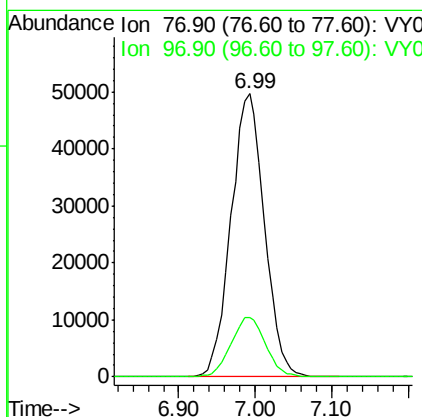
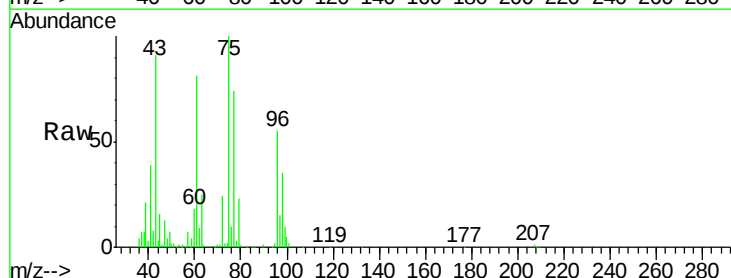
Acq: 01 Jul 2020 13:14

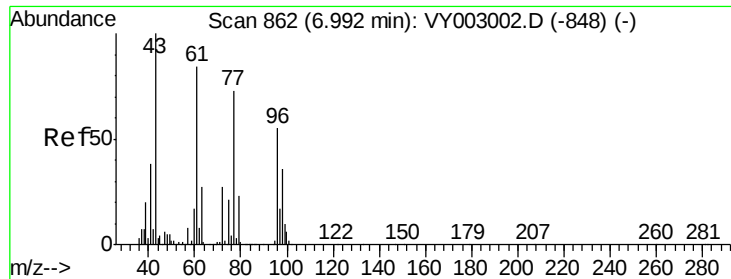
Tgt Ion: 77 Resp: 150252

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9





#27

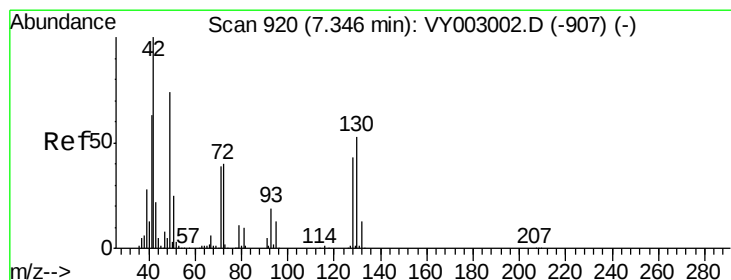
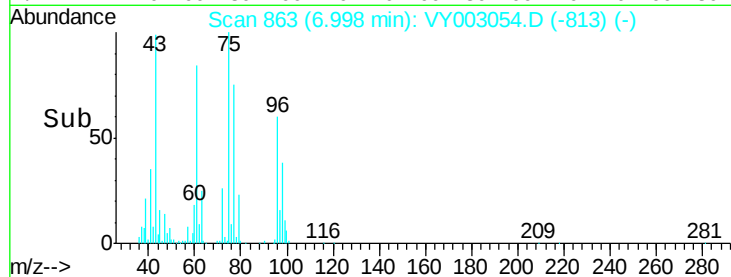
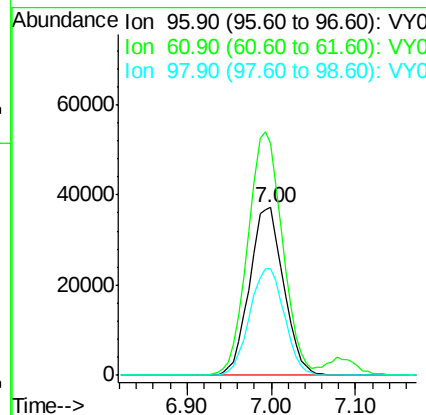
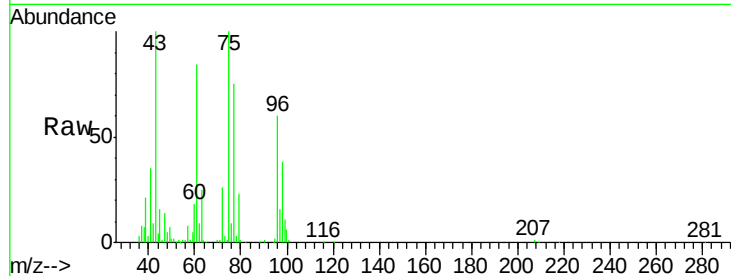
cis-1,2-Dichloroethene
 Concen: 21.373 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	301.2
98	64.6	0.0	129.0

Manual Integrations
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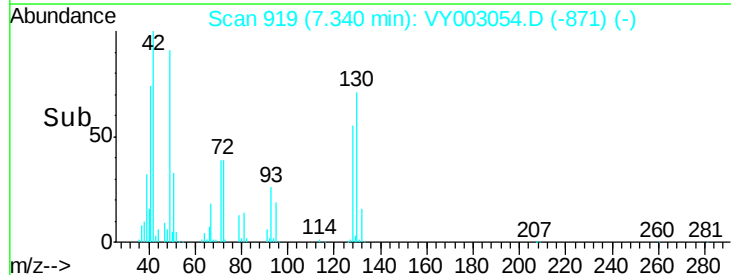
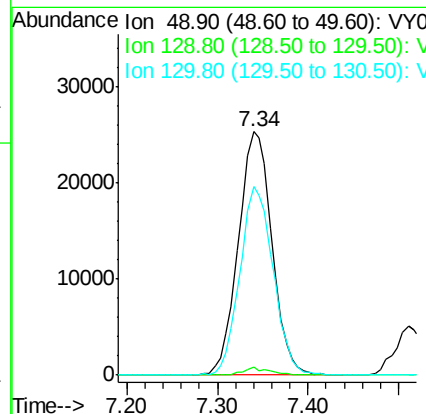
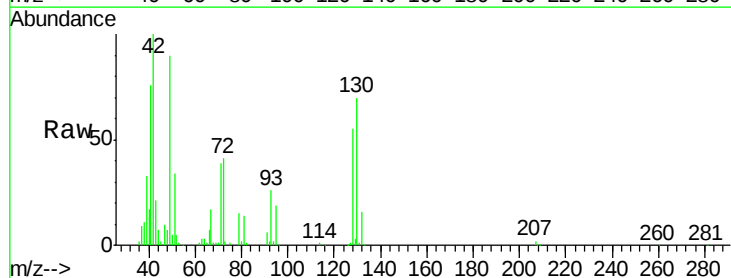
sam
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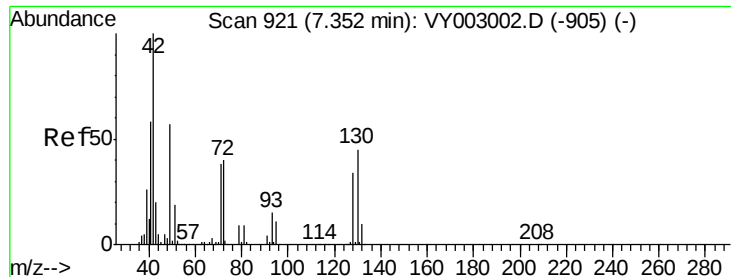


#28

Bromochloromethane
 Concen: 18.907 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.9	57.0	85.6





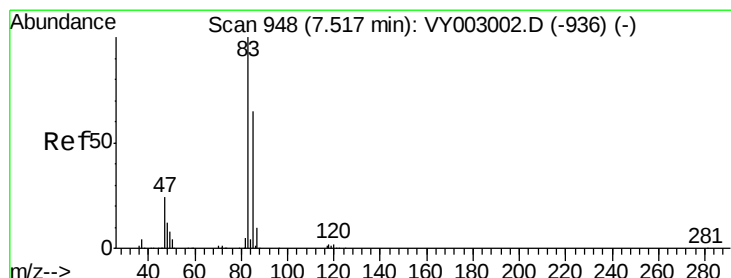
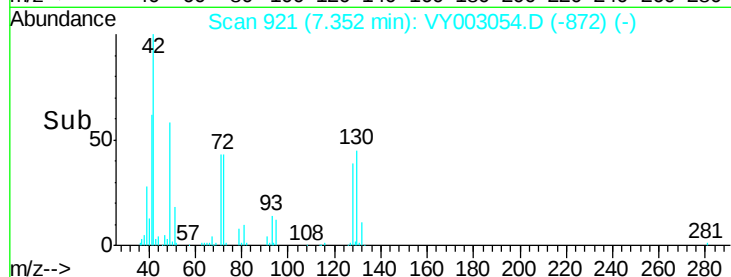
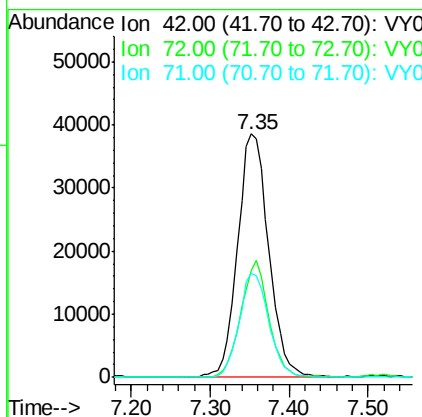
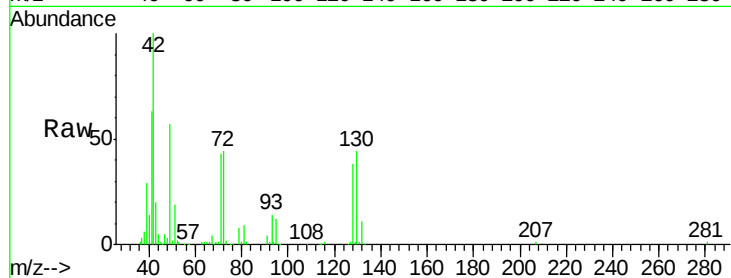
#29
Tetrahydrofuran
Concen: 97.367 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	32.9	49.3
71	41.5	31.2	46.8

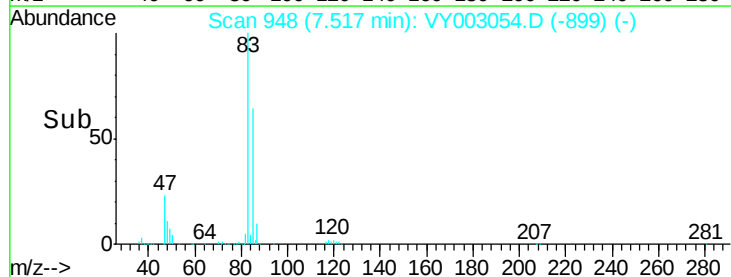
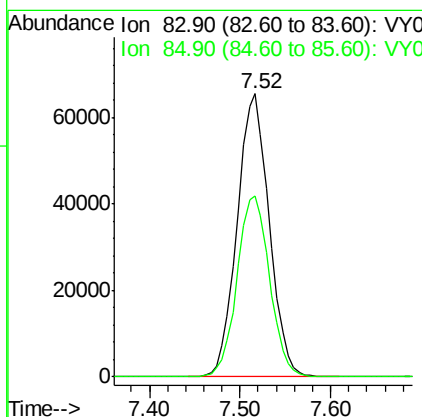
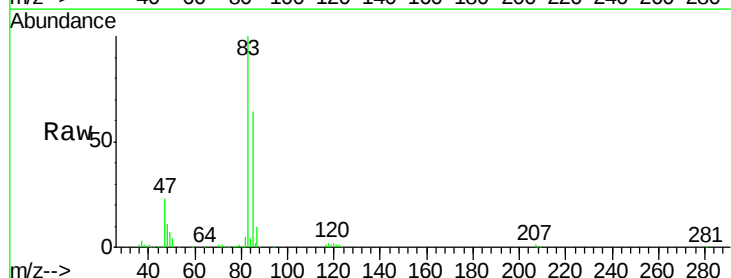
Manual Integrations
APPROVED

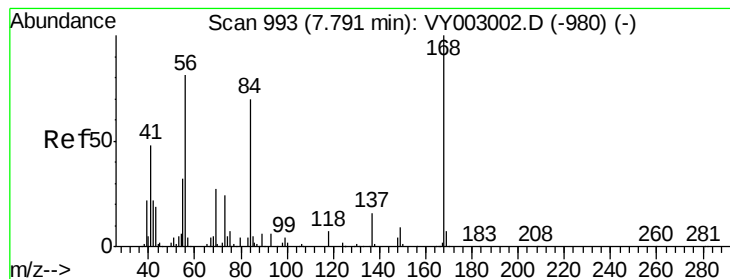
sam
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#30
Chloroform
Concen: 20.972 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.7	77.5





#31

Cyclohexane

Concen: 20.303 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

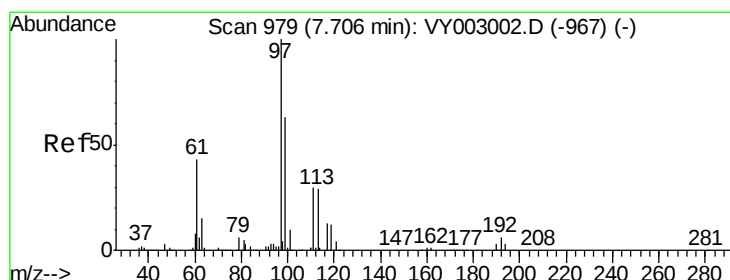
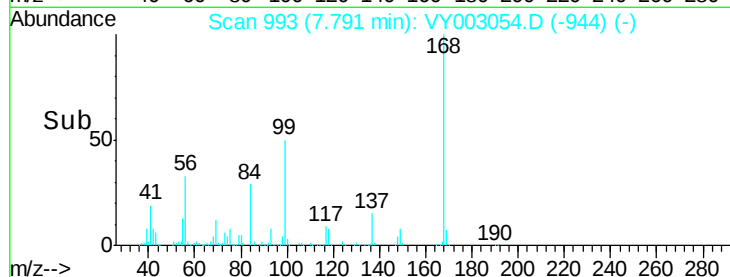
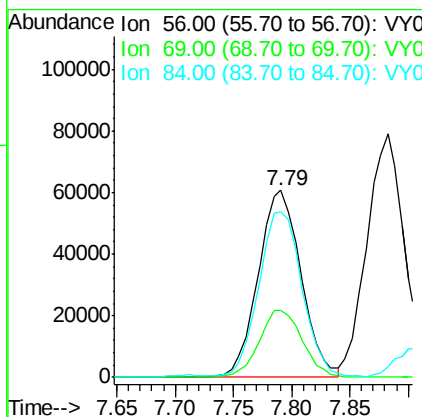
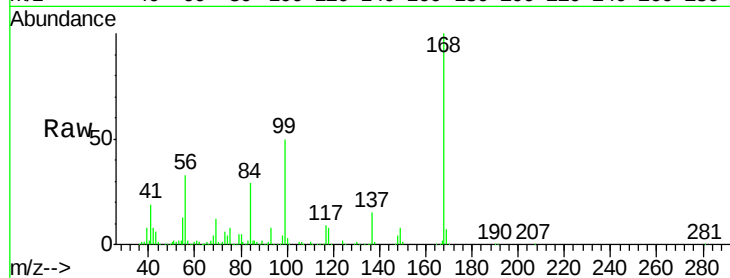
ClientSampleId :

VY0701SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	35.7	27.0	40.4	
84	87.5	68.1	102.1	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.747 ug/l

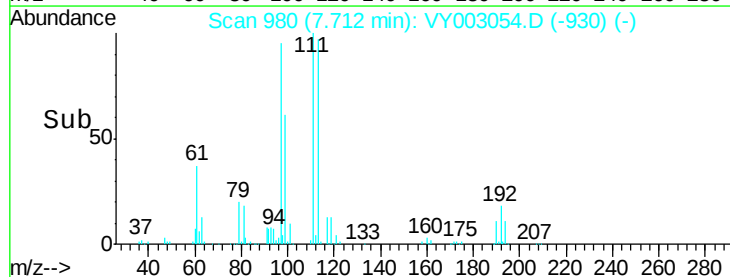
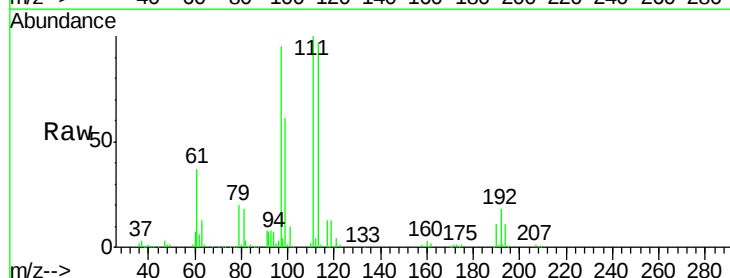
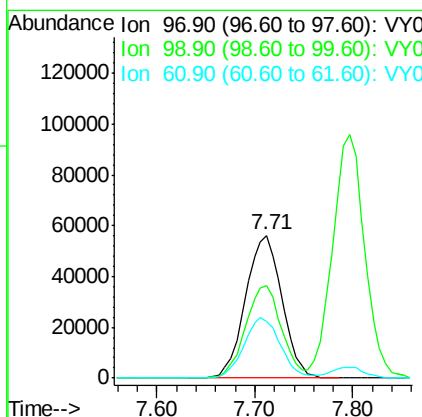
RT: 7.71 min Scan# 980

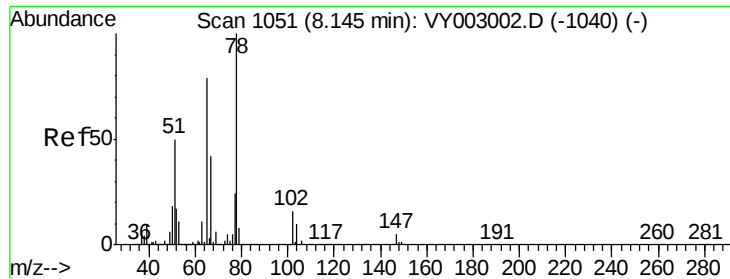
Delta R.T. 0.01 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.4	77.2	
61	42.5	33.9	50.9	





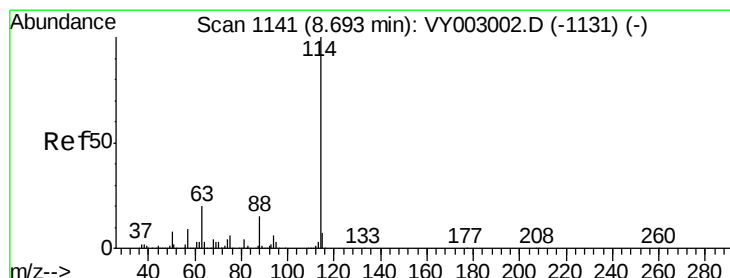
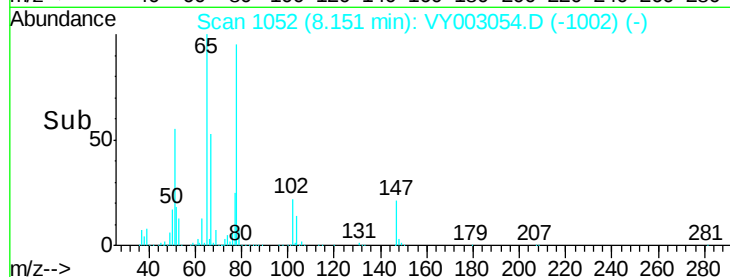
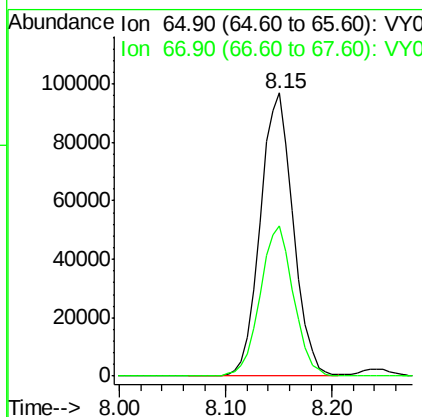
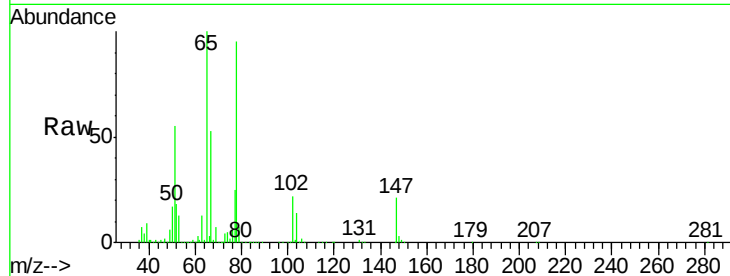
#33
 1,2-Dichloroethane-d4
 Concen: 48.404 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209522		
67	53.8	0.0	105.6	

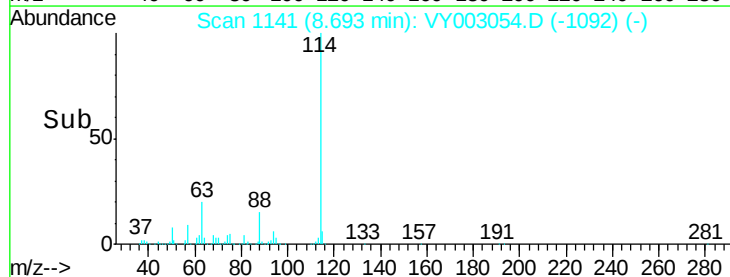
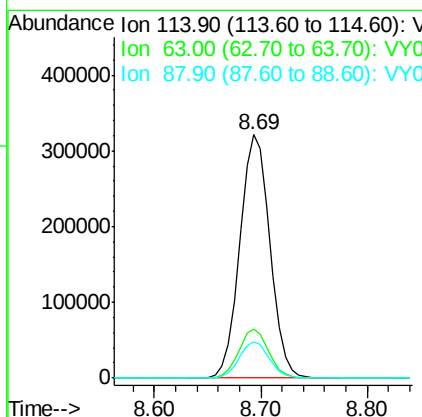
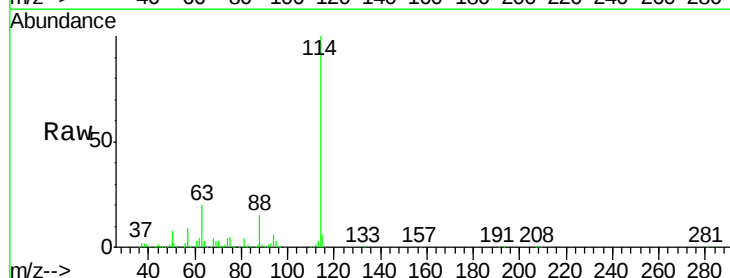
Manual Integrations
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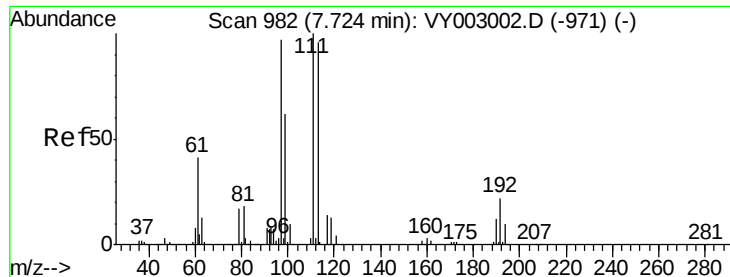
Sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	638329		
63	20.3	0.0	40.6	
88	15.1	0.0	30.0	





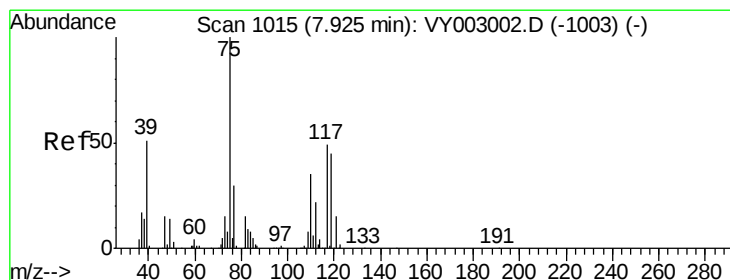
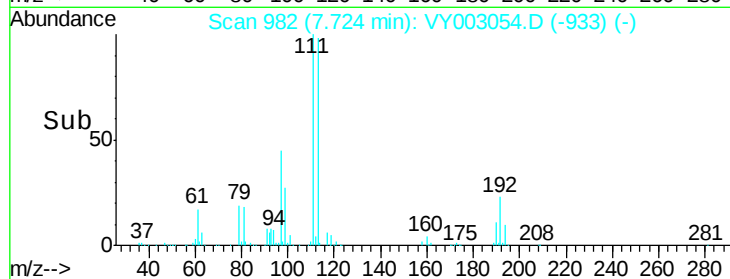
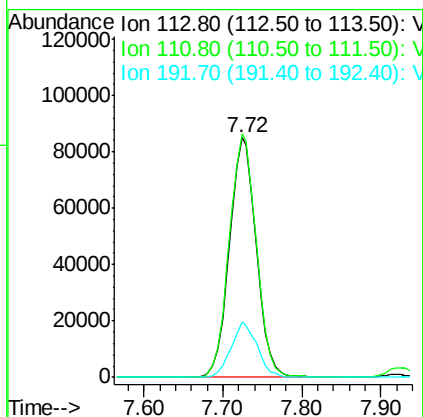
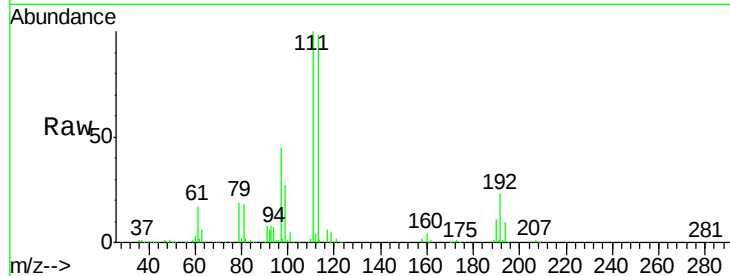
#35
 Dibromofluoromethane
 Concen: 50.352 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200501		
111	102.3		82.6	123.8
192	22.4		18.1	27.1

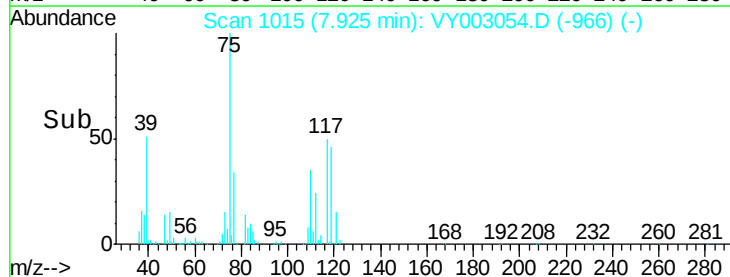
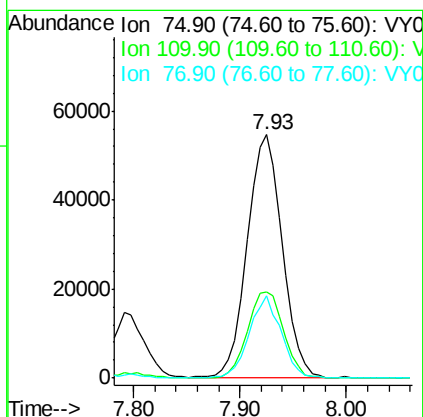
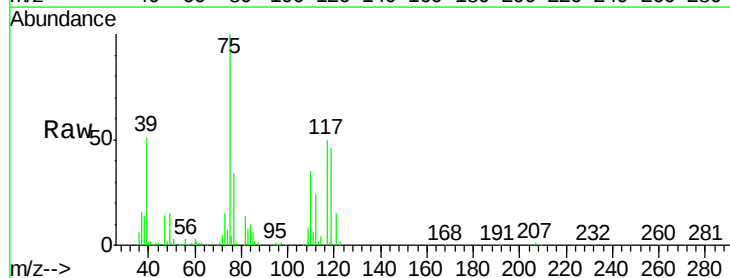
Manual Integrations
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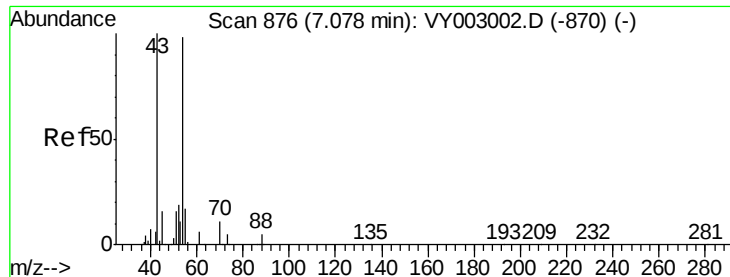
sam
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#36
 1,1-Dichloropropene
 Concen: 20.442 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125693		
110	36.8		17.1	51.2
77	31.2		24.9	37.3





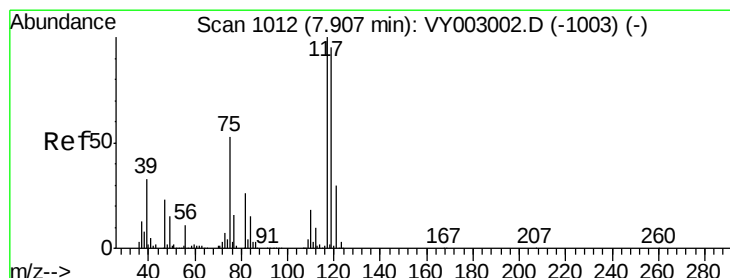
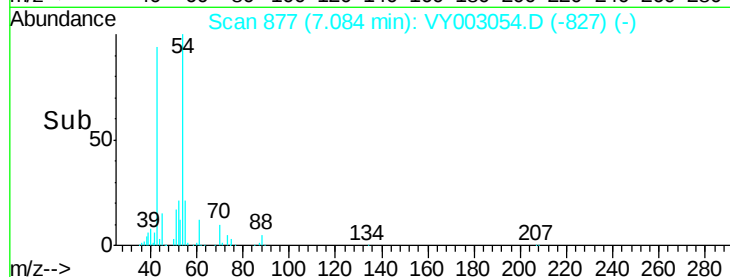
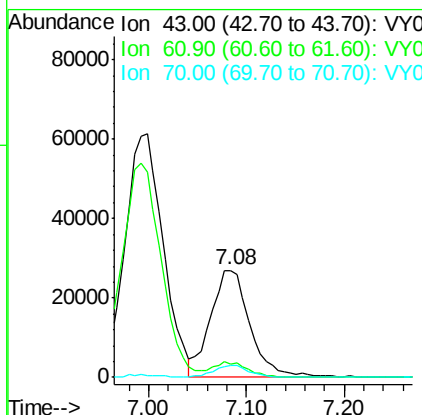
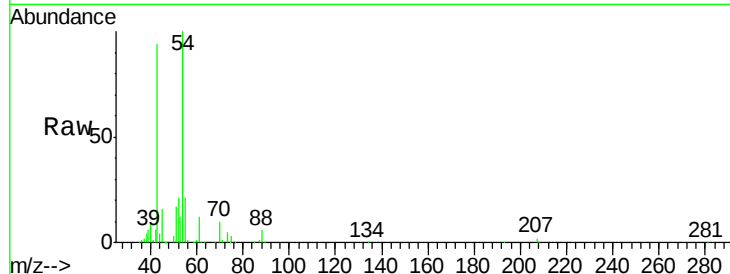
#37
Ethyl Acetate
Concen: 20.216 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.4	15.6
70	10.4	7.7	11.5

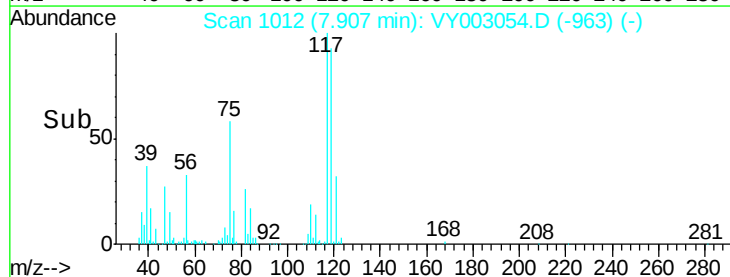
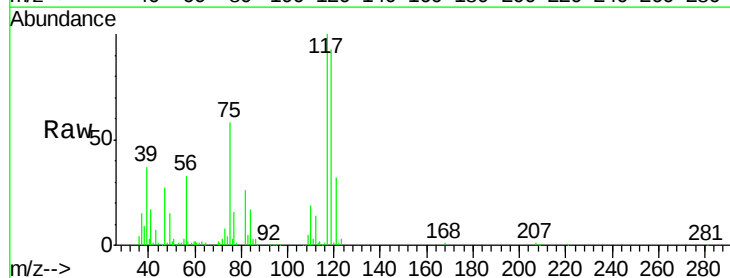
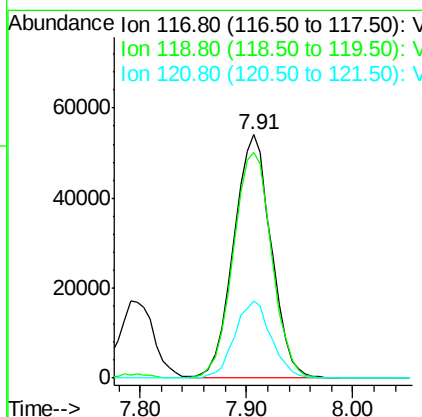
Manual Integrations
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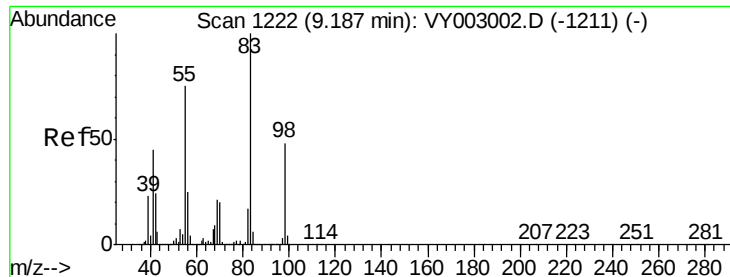
sam
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#38
Carbon Tetrachloride
Concen: 20.918 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.7	113.5
121	31.8	23.9	35.9





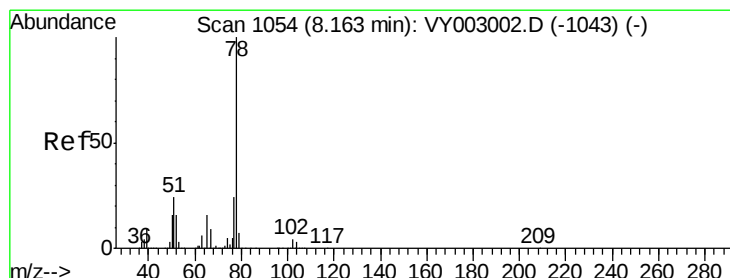
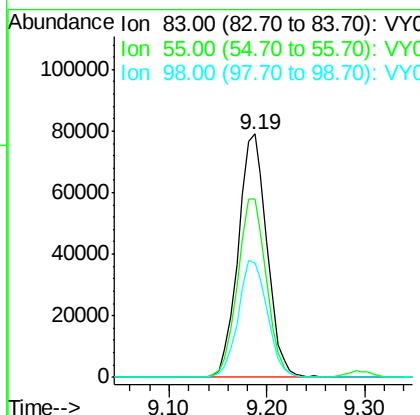
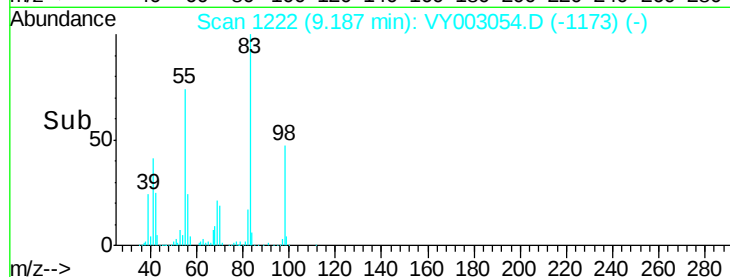
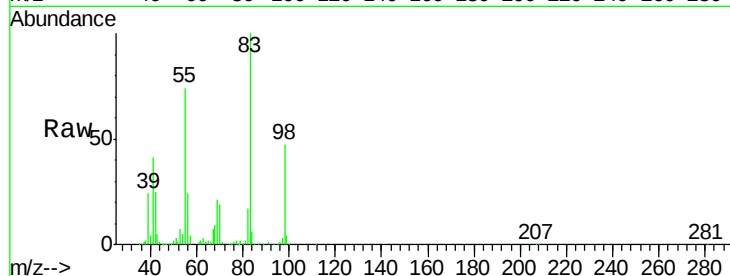
#39
Methvlcvclohexane
Concen: 21.082 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	59.9	89.9
98	47.1	38.7	58.1

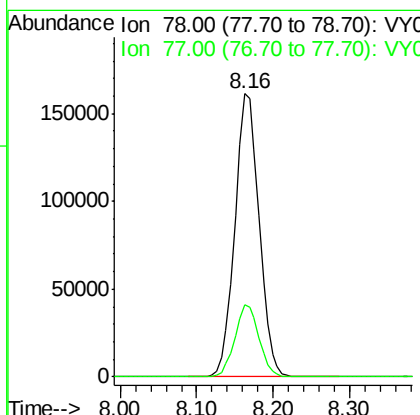
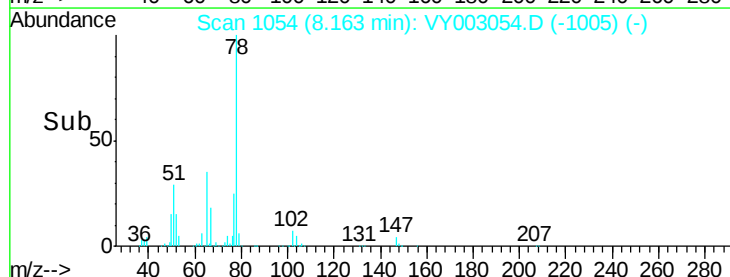
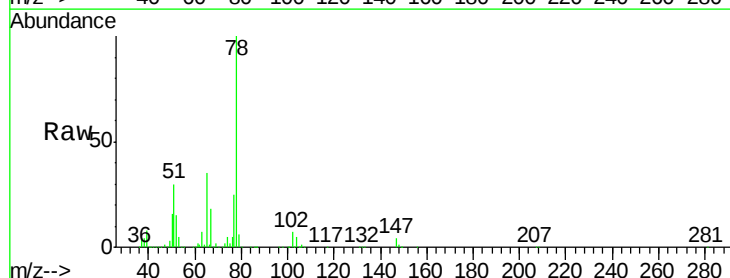
Manual Integrations
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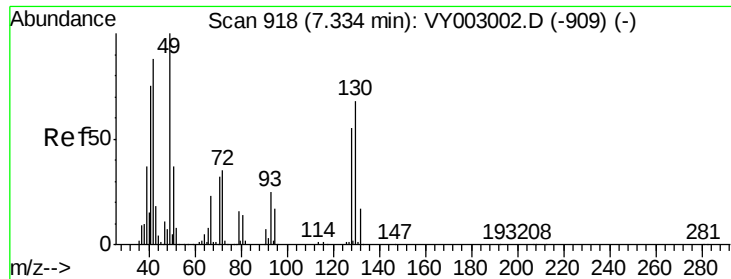
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#40
Benzene
Concen: 21.078 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.2	28.8





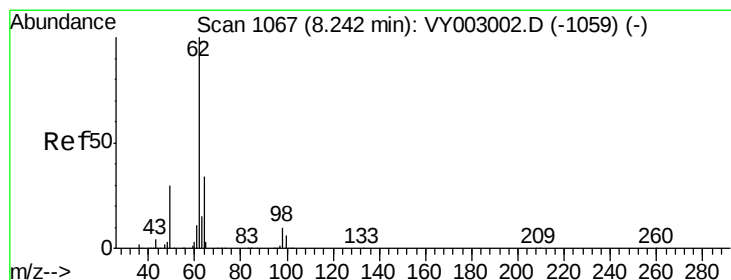
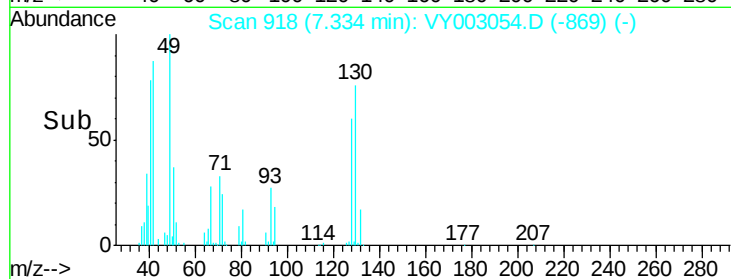
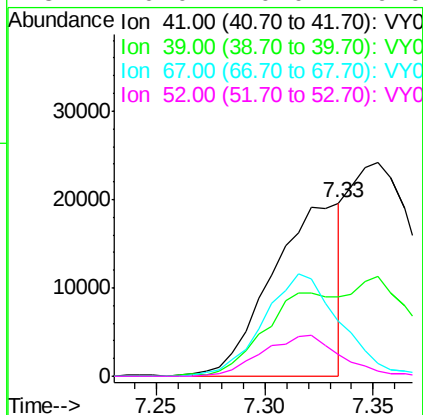
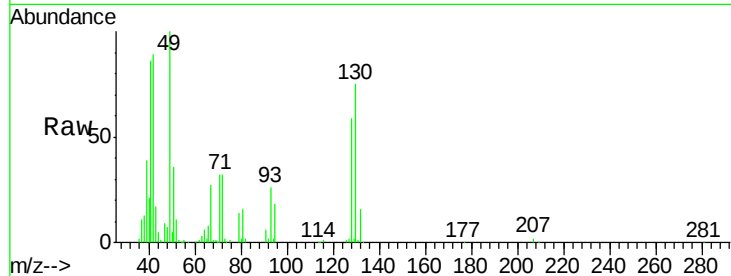
#41
Methacrylonitrile
Concen: 21.896 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion:	41	Resp:	43240
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

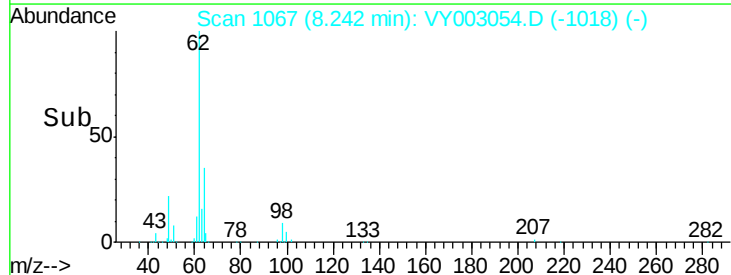
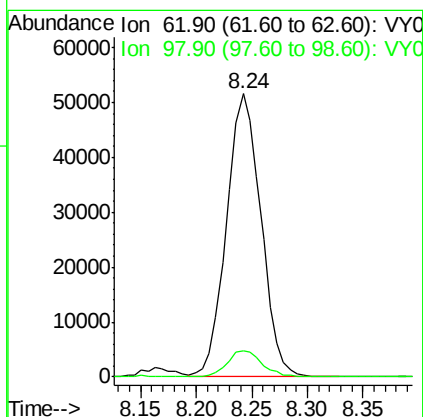
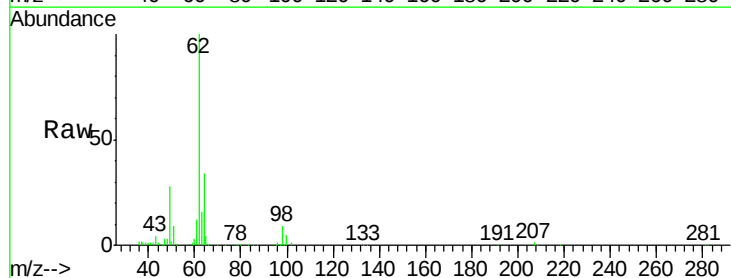
Manual Integrations
APPROVED

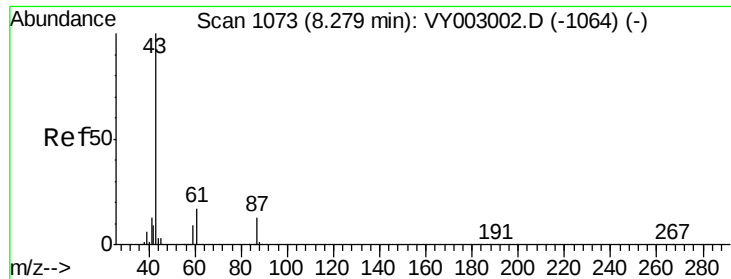
sam
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#42
1,2-Dichloroethane
Concen: 20.780 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion:	62	Resp:	110660
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.706 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

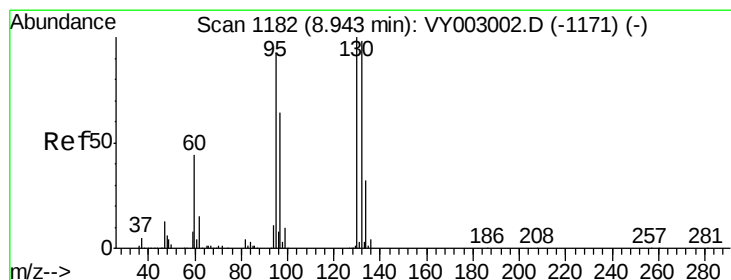
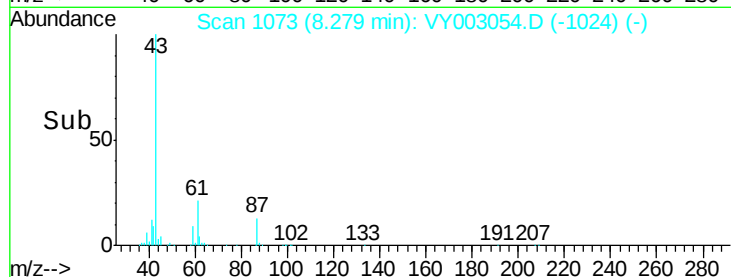
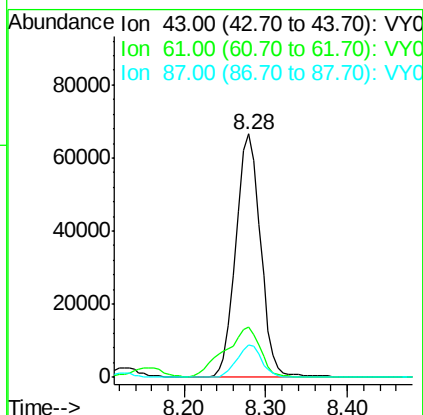
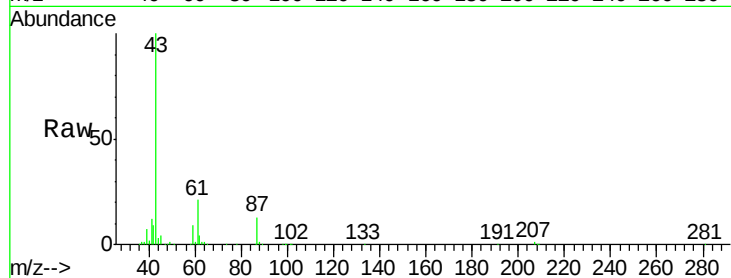
ClientSampleId :

VY0701SBSD01

Tot Ion:	43	Resp:	138493
Ion Ratio		Lower	Upper
43	100		
61	29.4	21.8	32.6
87	13.3	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 21.412 ug/l

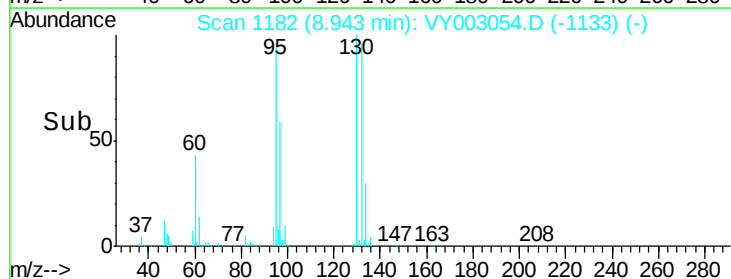
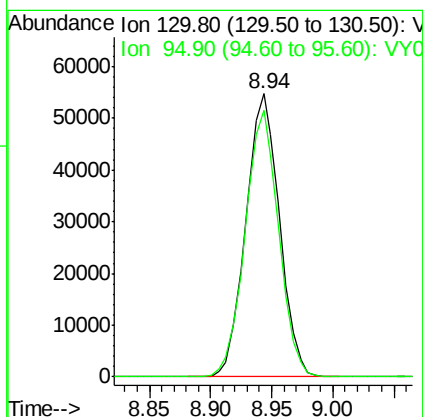
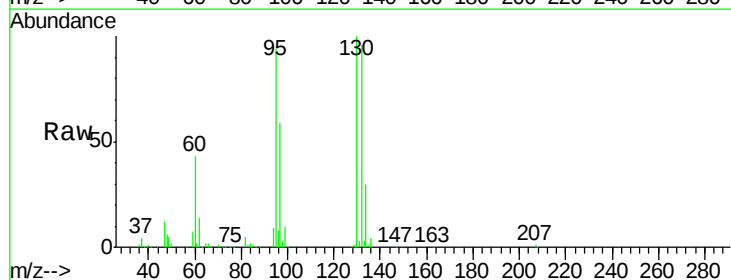
RT: 8.94 min Scan# 1182

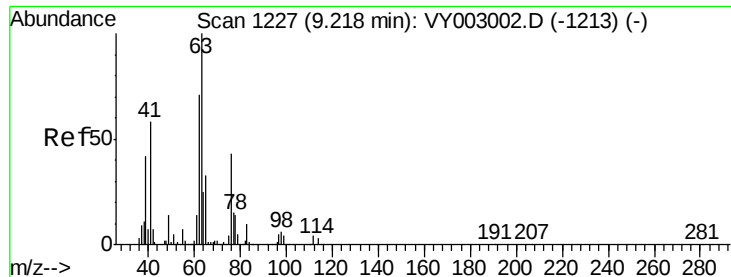
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	130	Resp:	104761
Ion Ratio		Lower	Upper
130	100		
95	94.0	0.0	186.4





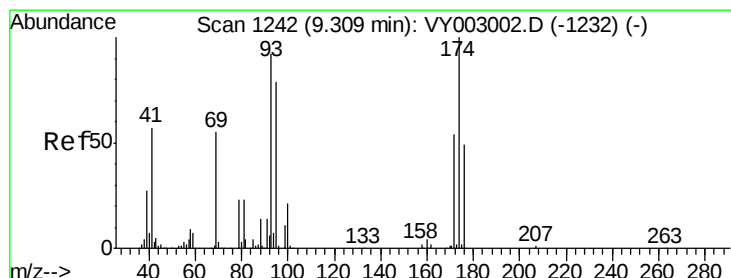
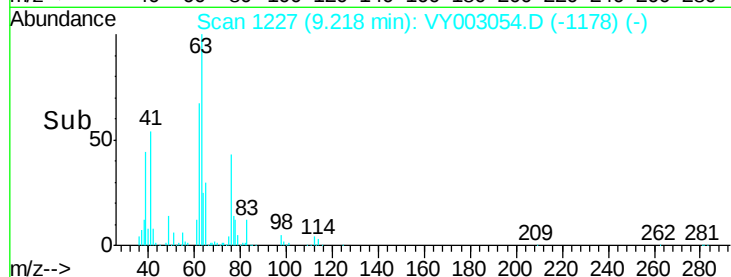
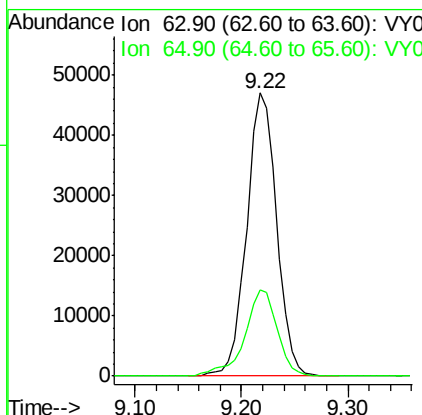
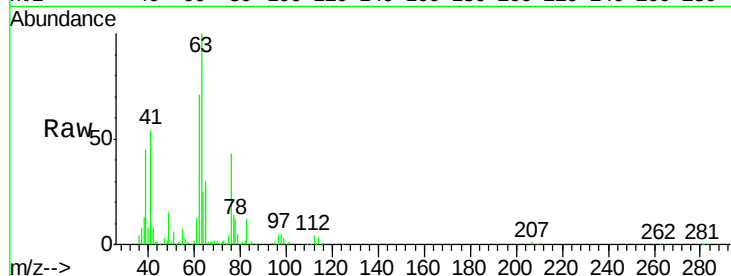
#45
 1,2-Dichloropropane
 Concen: 20.579 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	63	Resp	93197
Ion	Ratio	Lower	Upper
63	100		
65	30.3	26.2	39.4

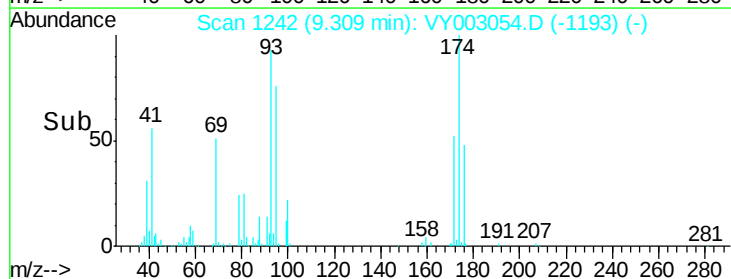
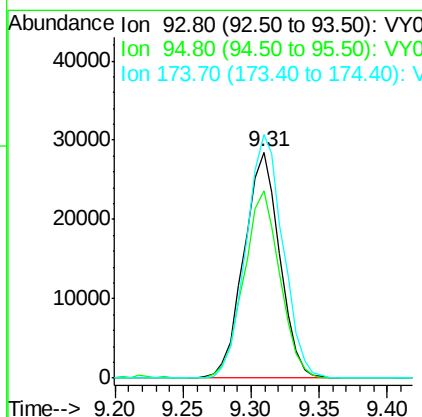
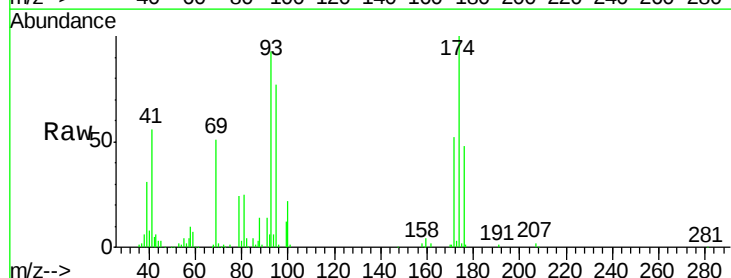
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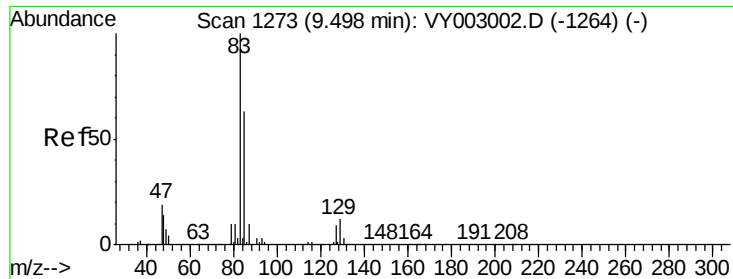
sam
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#46
 Dibromomethane
 Concen: 20.672 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	93	Resp	52288
Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.6	101.4
174	112.0	88.3	132.5





#47

Bromodichloromethane

Concen: 21.127 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

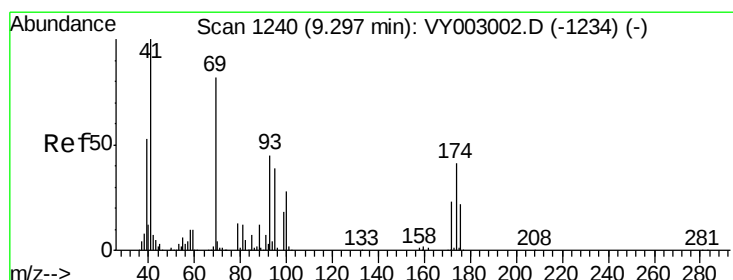
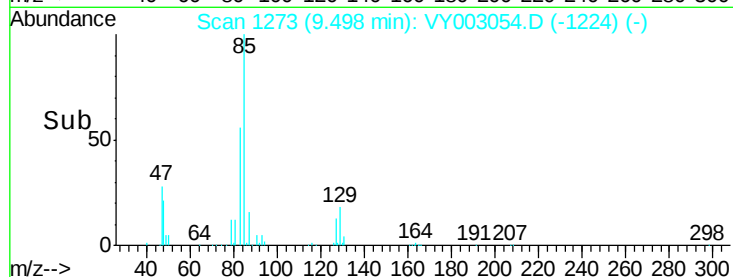
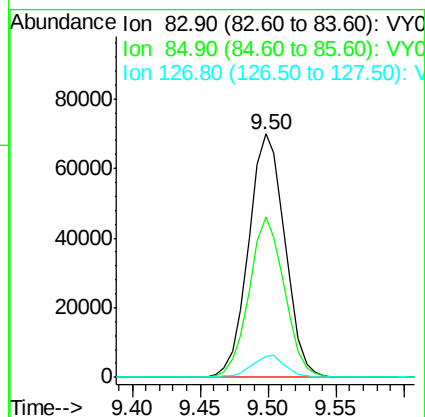
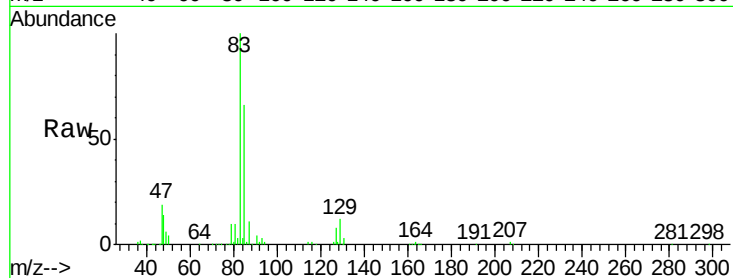
ClientSampleId :

VY0701SBSD01

Tot Ion:	83	Resp:	130853
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.452 ug/l

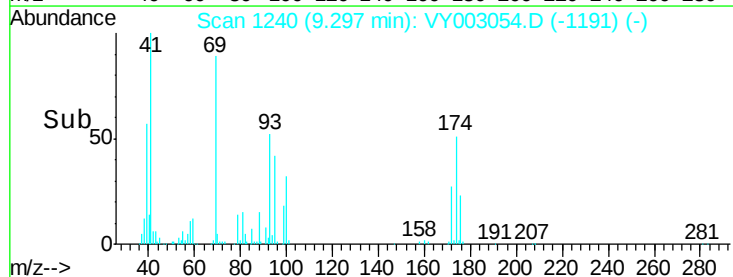
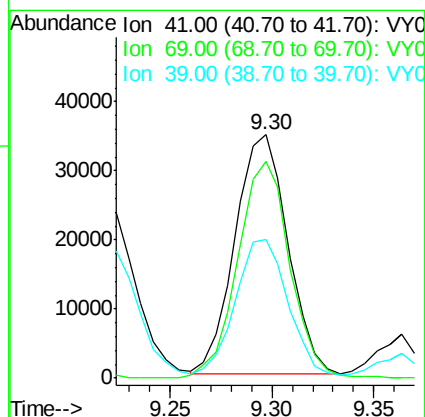
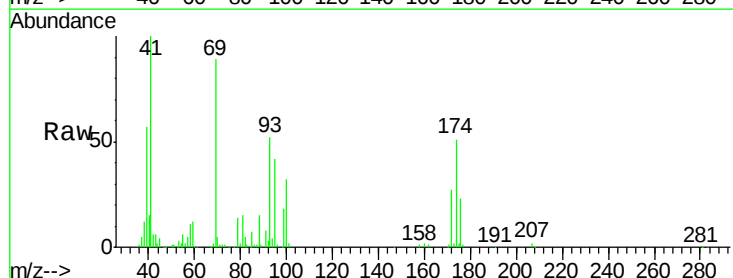
RT: 9.30 min Scan# 1240

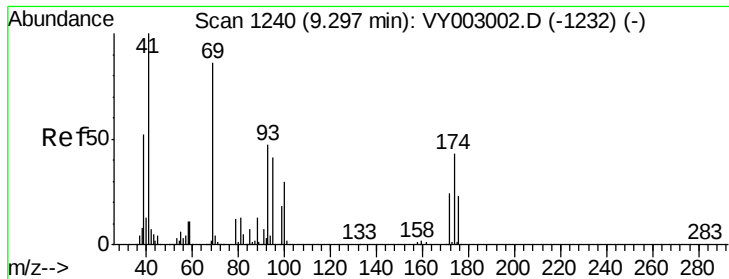
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	41	Resp:	62226
Ion	Ratio	Lower	Upper
41	100		
69	89.7	67.7	101.5
39	58.7	45.0	67.4





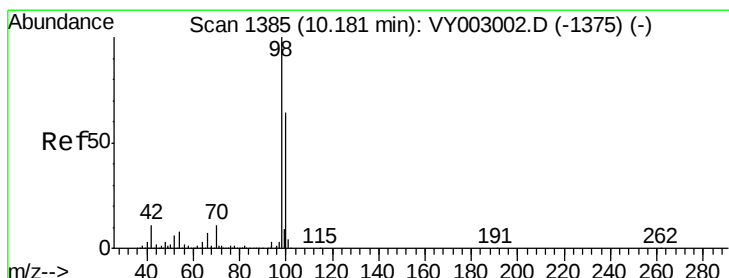
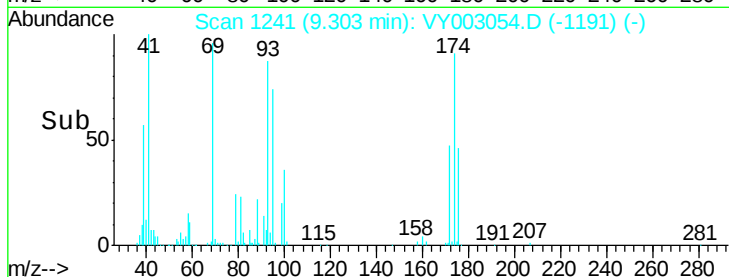
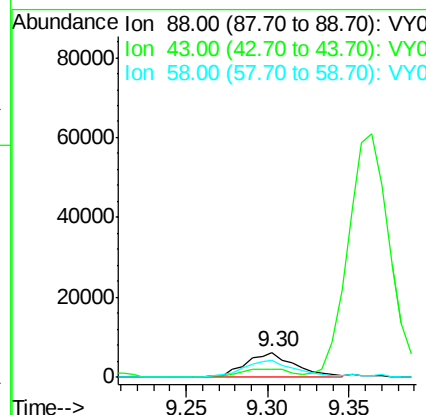
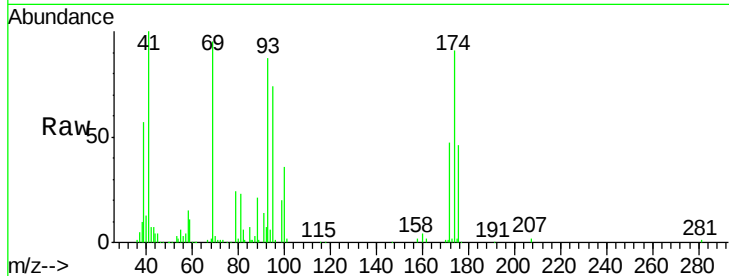
#49
1,4-Dioxane
Concen: 420.095 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	88	Resp	12971
Ion Ratio	Lower	Upper	
88	100		
43	32.0	28.6	42.8
58	73.4	56.7	85.1

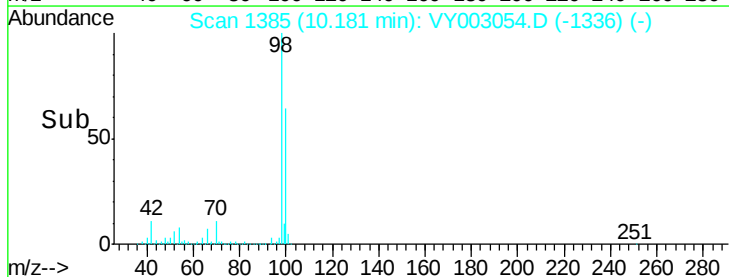
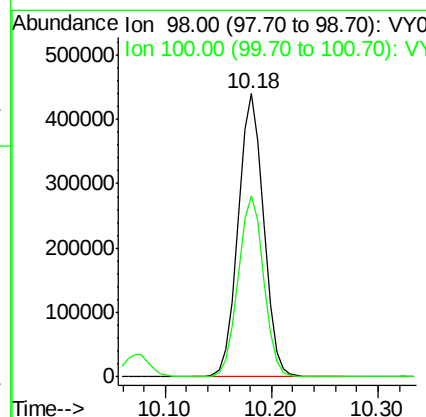
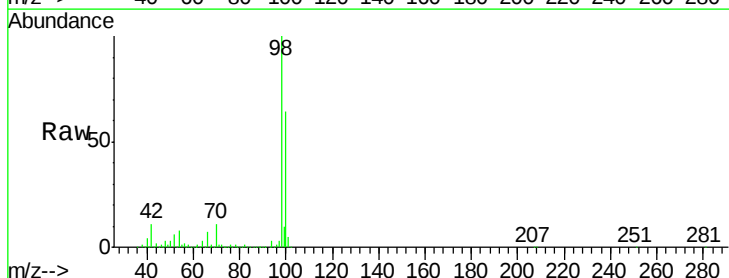
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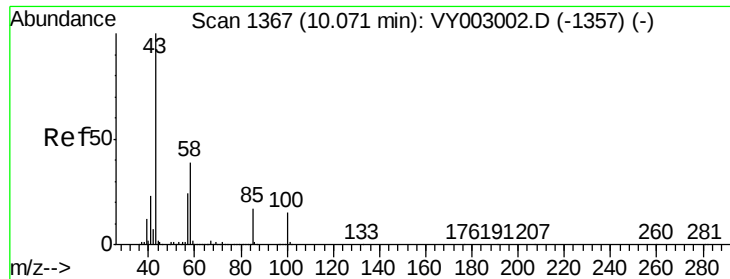
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#50
Toluene-d8
Concen: 49.786 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	98	Resp	738560
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.1	76.7





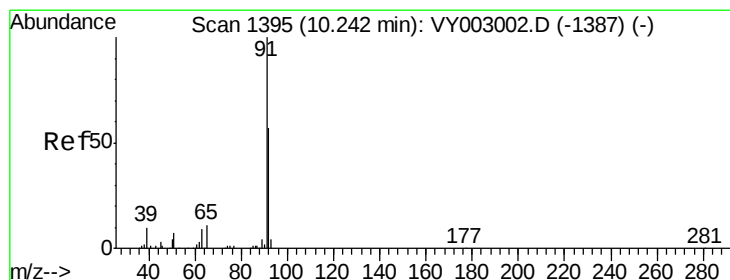
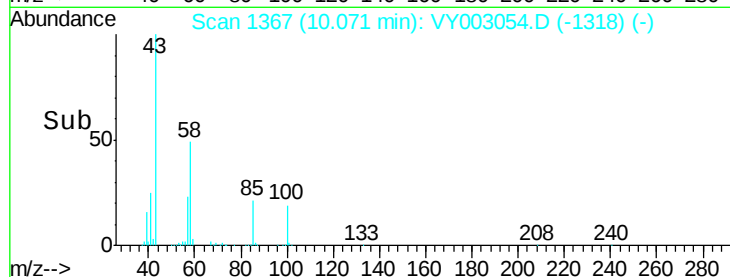
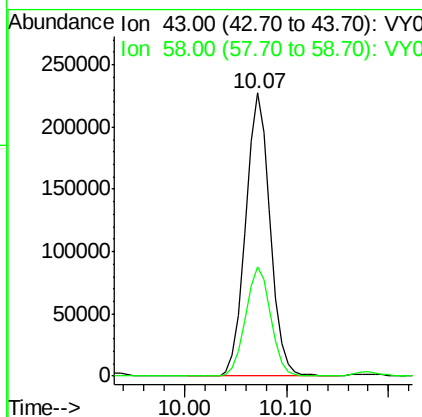
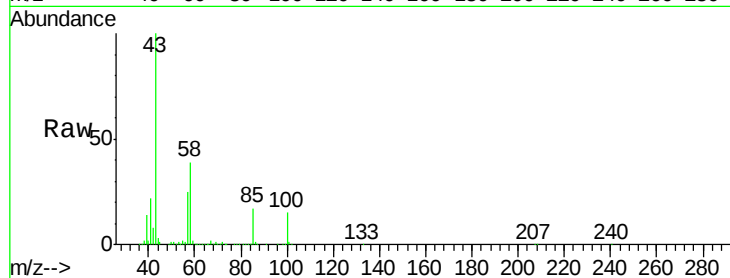
#51
4-Methyl-2-Pentanone
Concen: 104.400 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	43	Resp	379228
Ion Ratio	43	100	
Lower	58	39.7	31.1
Upper			46.7

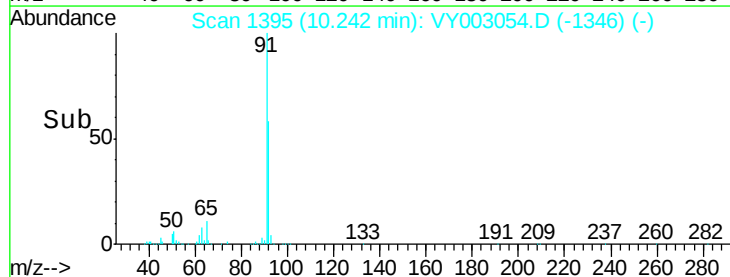
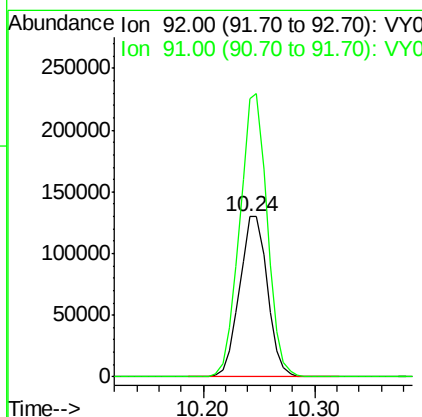
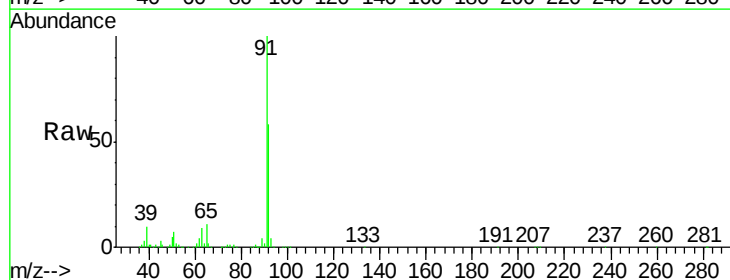
Manual Integrations
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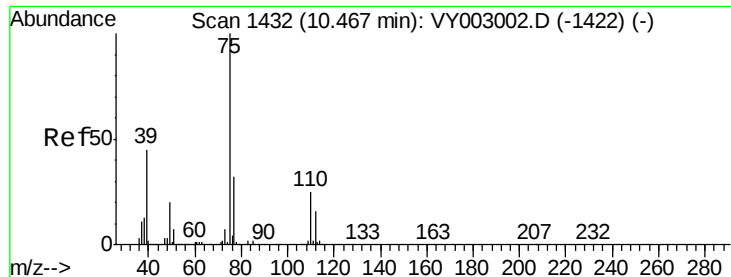
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#52
Toluene
Concen: 21.411 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	92	Resp	226884
Ion Ratio	92	100	
Lower	91	173.2	139.6
Upper			209.4





#53

t-1,3-Dichloropropene

Concen: 20.429 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 75 Resp: 132655

Ion Ratio Lower Upper

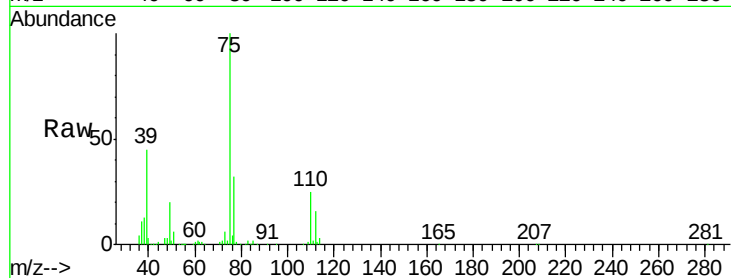
75 100

77 32.0 25.9 38.9

Manual Integrations
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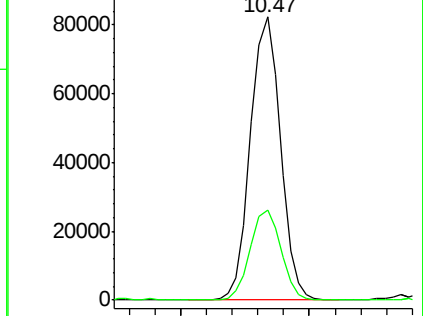
sam

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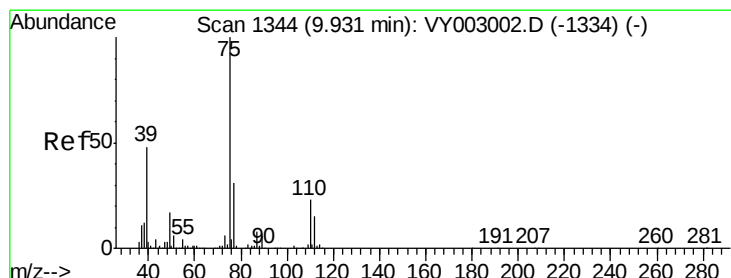
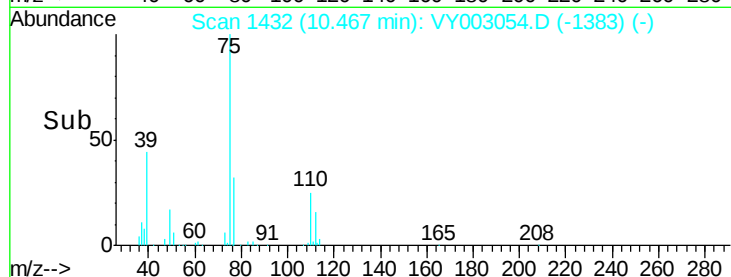


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.552 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

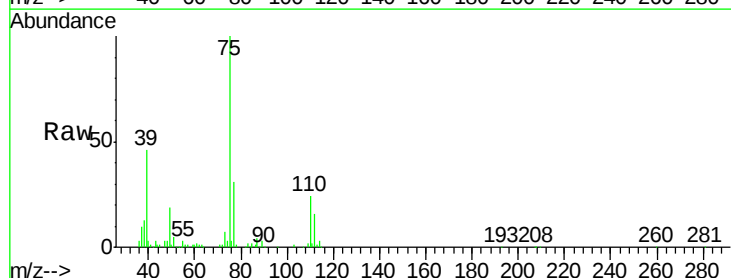
Tgt Ion: 75 Resp: 152623

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

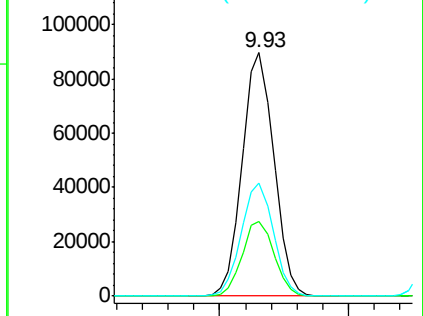
39 46.2 38.3 57.5



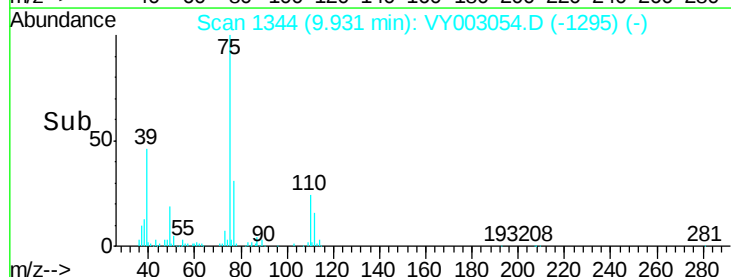
Abundance Ion 74.90 (74.60 to 75.60): VY0

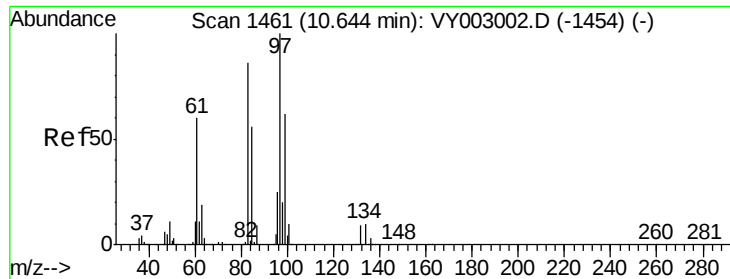
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->





#55

1,1,2-Trichloroethane

Concen: 21.696 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

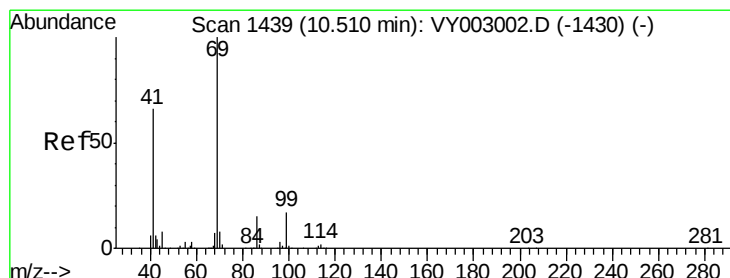
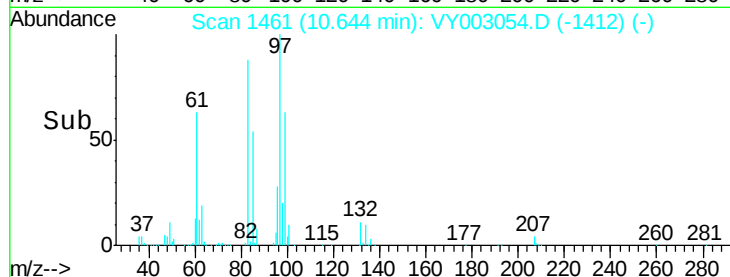
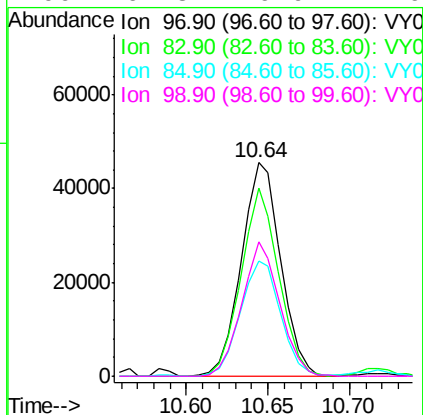
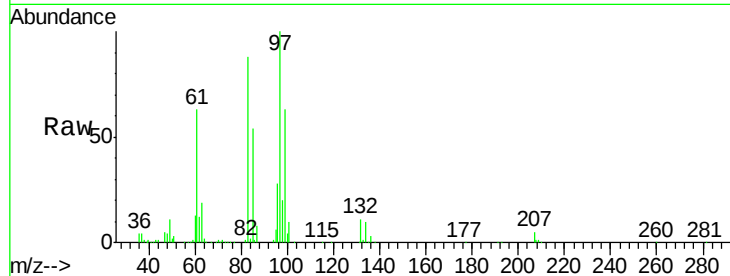
ClientSampleId :

VY0701SBSD01

Tot Ion:	97	Resp:	76258
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.0	103.6
85	53.9	44.8	67.2
99	62.8	49.9	74.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.701 ug/l

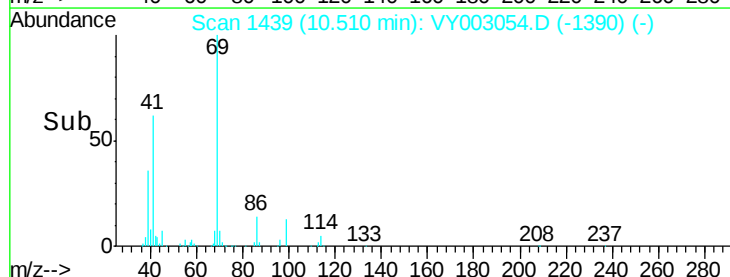
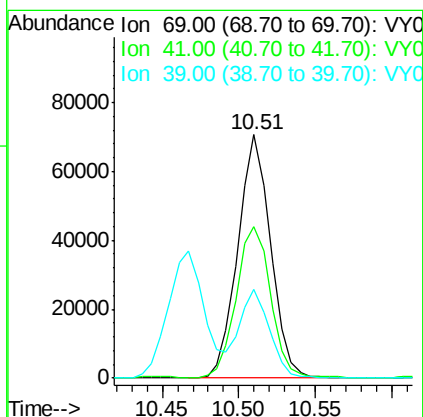
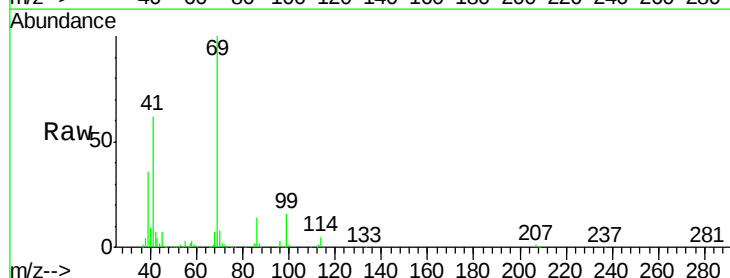
RT: 10.51 min Scan# 1439

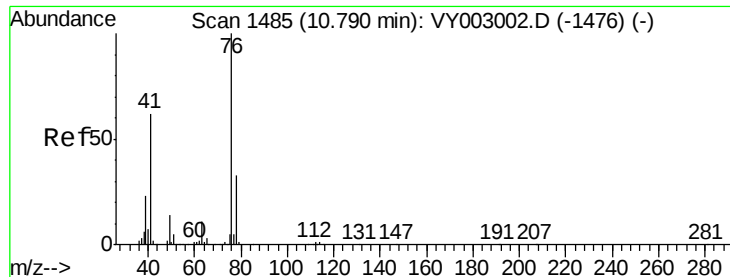
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	69	Resp:	105324
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.7	80.5
39	33.1	28.3	42.5





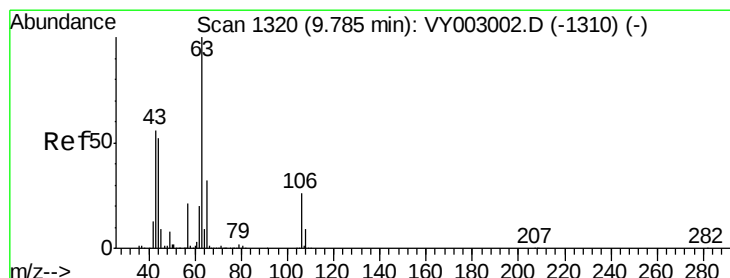
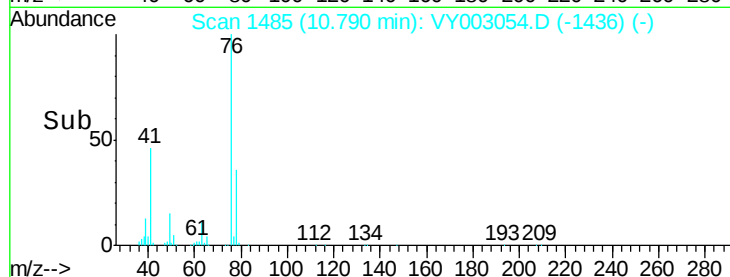
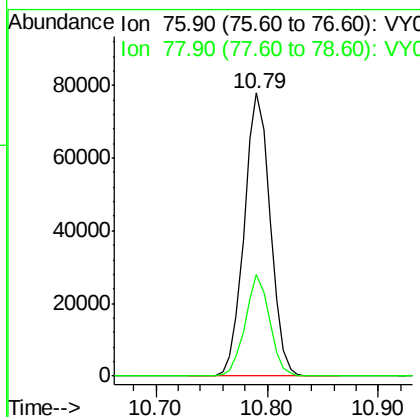
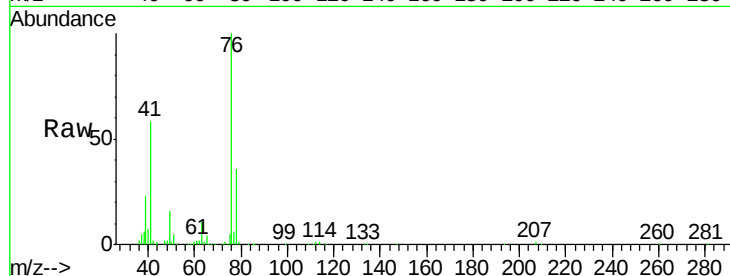
#57
 1,3-Dichloropropane
 Concen: 20.457 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.9	26.0	39.0

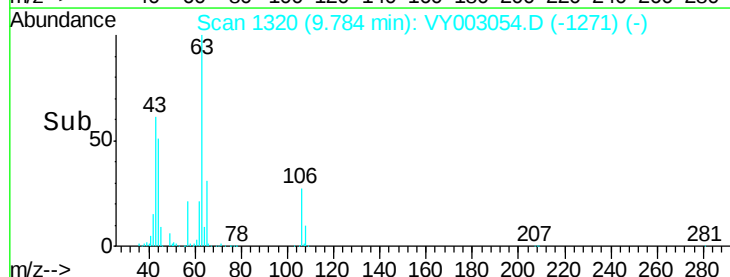
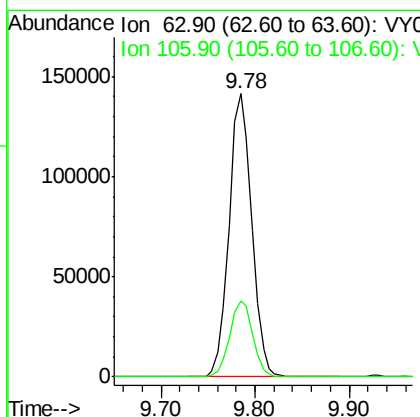
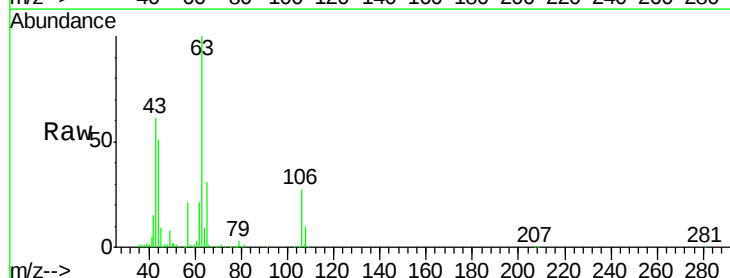
Manual Integrations
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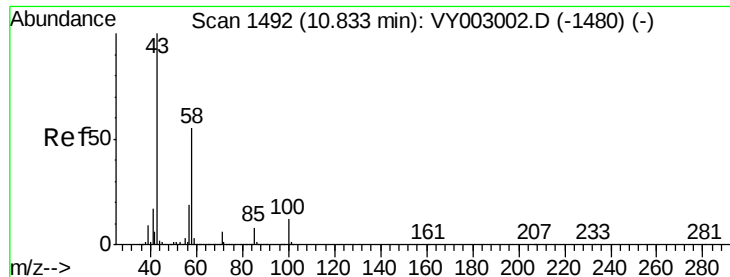
Sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 90.507 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.5	32.3





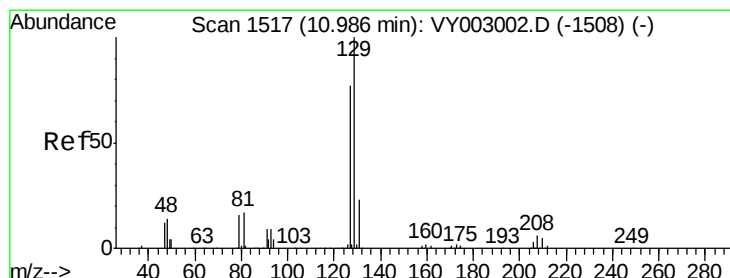
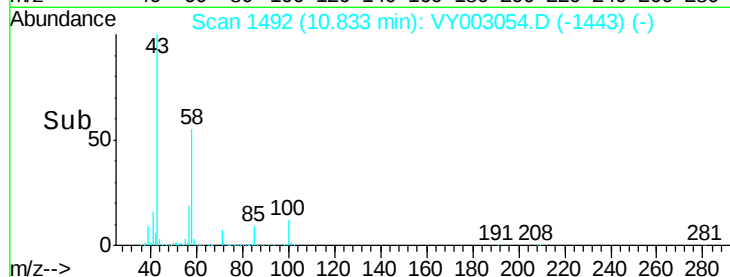
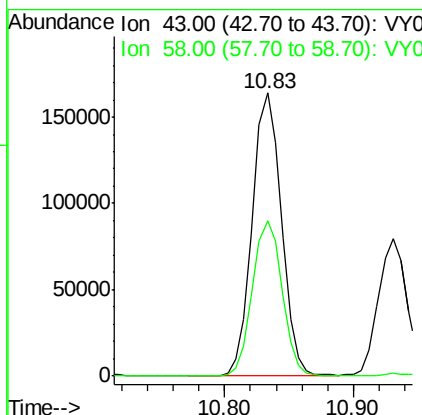
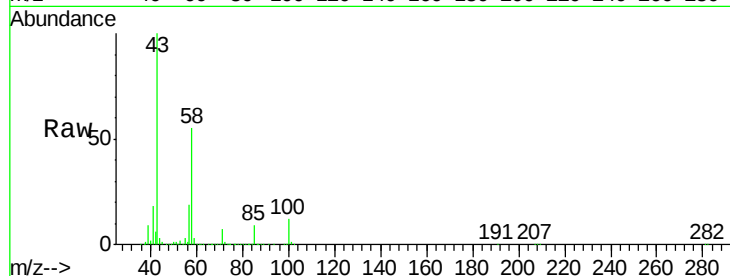
#59
2-Hexanone
Concen: 100.804 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion: 43 Resp: 255938
Ion Ratio Lower Upper
43 100
58 55.8 27.5 82.4

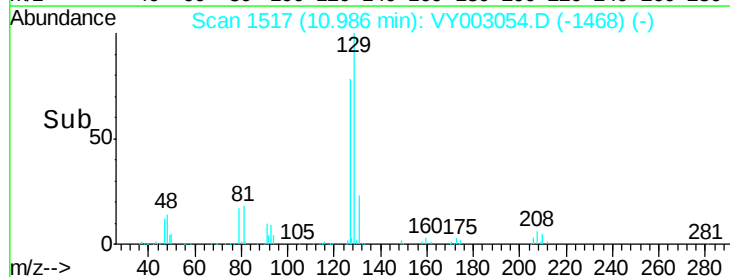
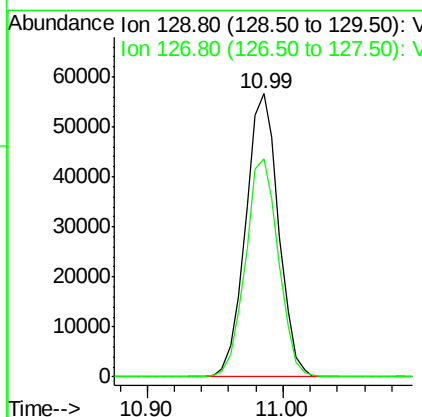
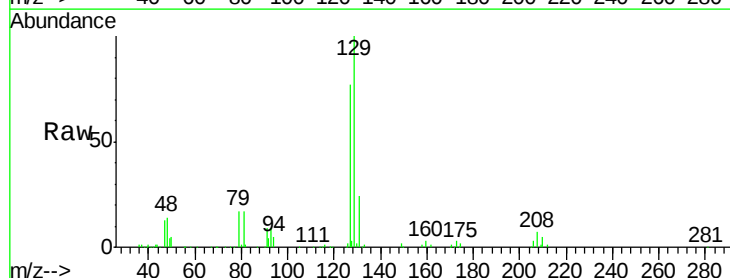
Manual Integrations
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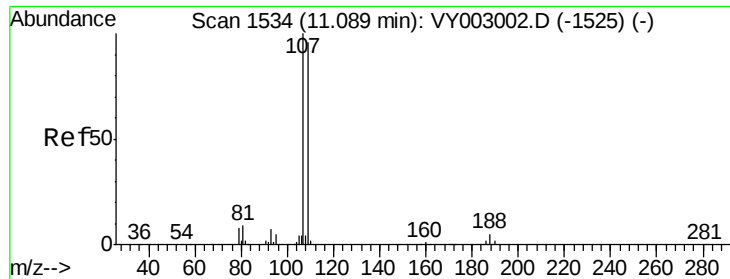
sam
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#60
Dibromochloromethane
Concen: 21.307 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion: 129 Resp: 95840
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





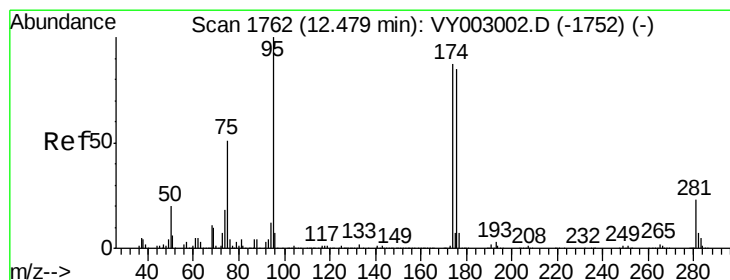
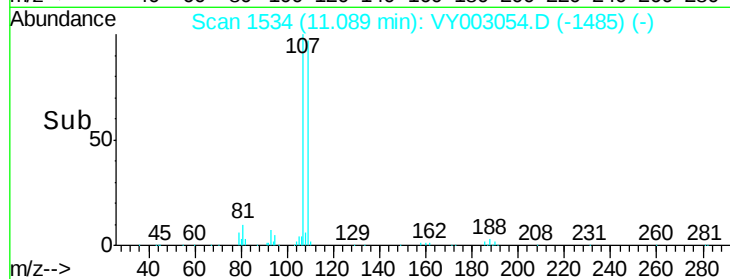
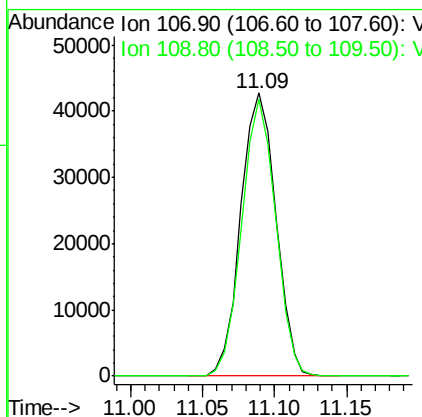
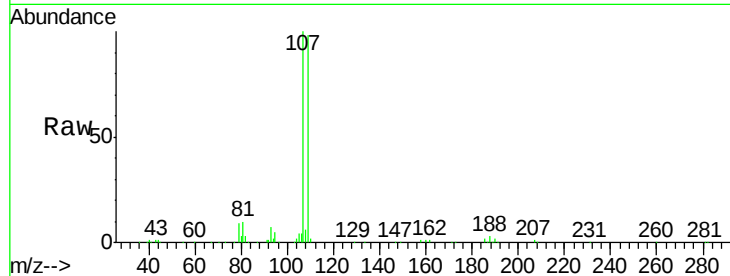
#61
 1,2-Dibromoethane
 Concen: 20.881 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

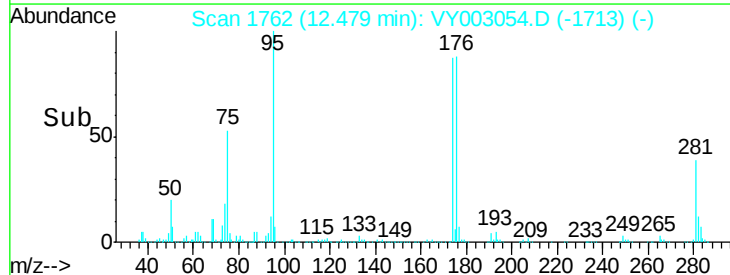
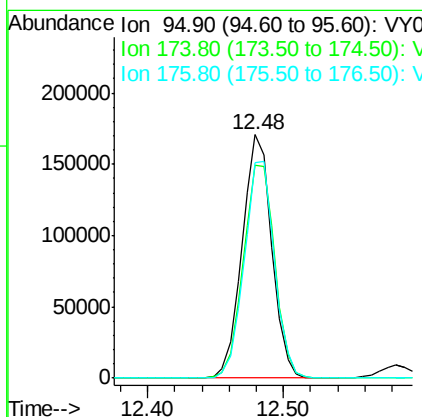
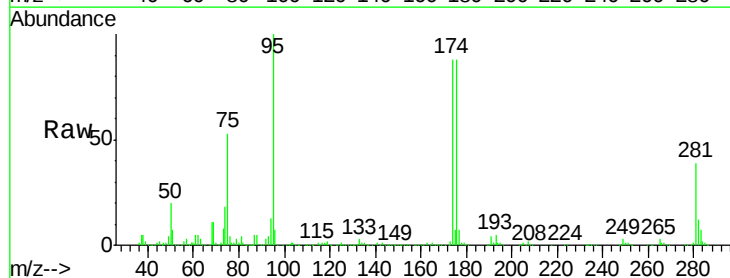
Manual Integrations
 APPROVED

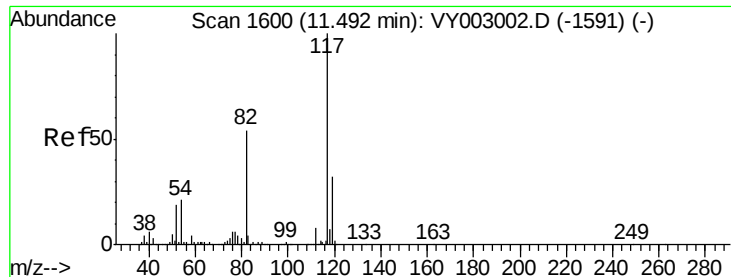
sam
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#62
 4-Bromofluorobenzene
 Concen: 49.658 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	184.8
176	91.1	0.0	183.0





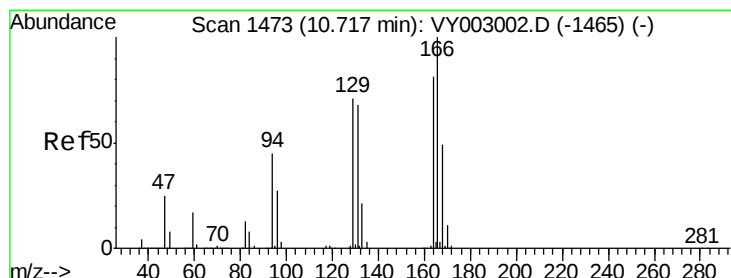
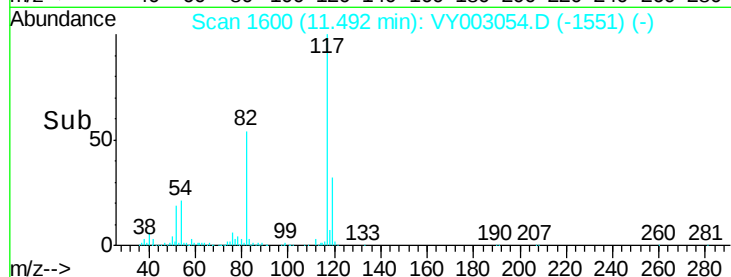
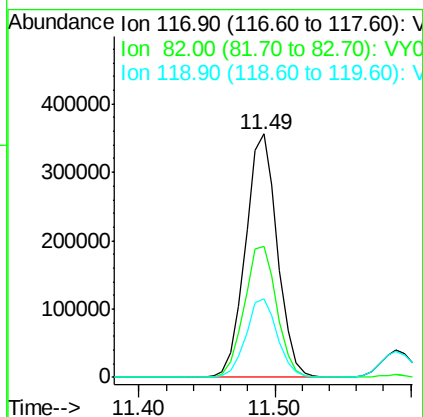
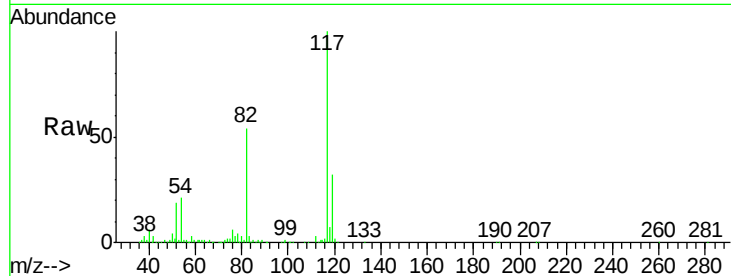
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.6
119	32.3	25.8	38.8

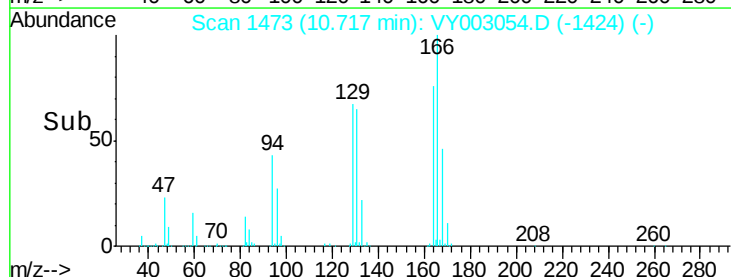
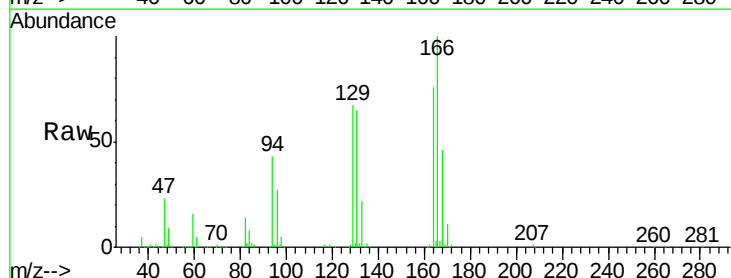
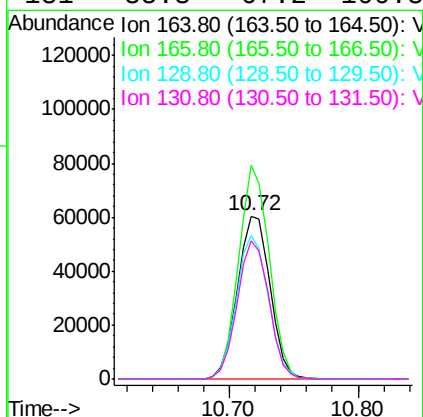
Manual Integrations
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#64
Tetrachloroethene
Concen: 21.421 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	98.5	147.7
129	88.3	69.7	104.5
131	85.3	67.2	100.8





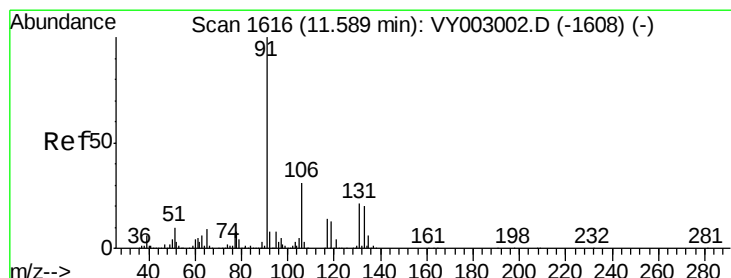
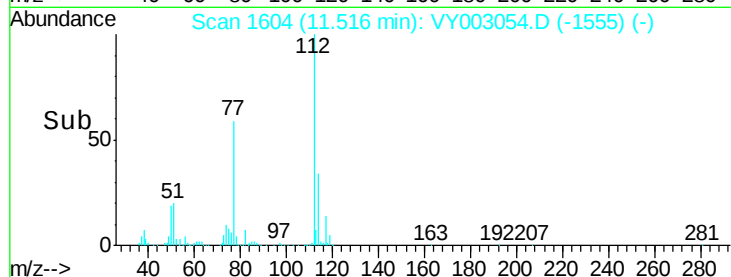
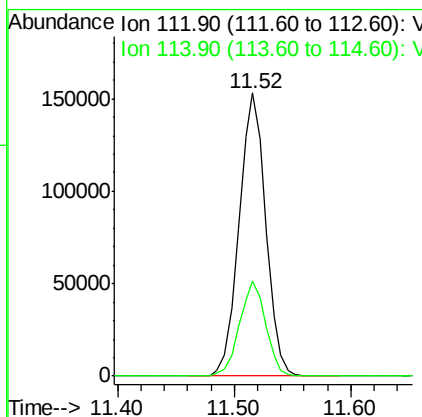
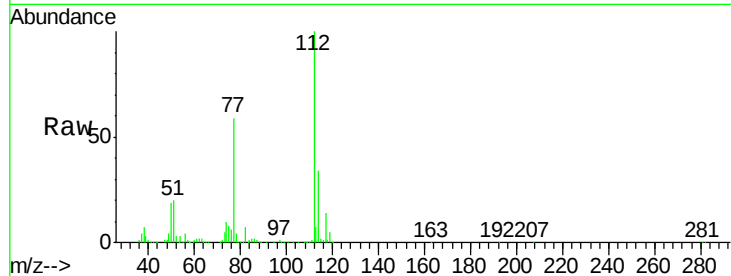
#65
Chlorobenzene
Concen: 21.220 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.7	38.5

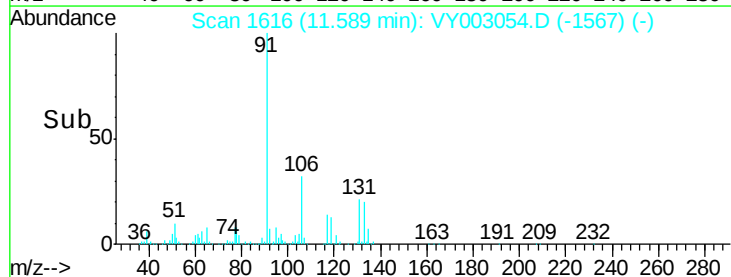
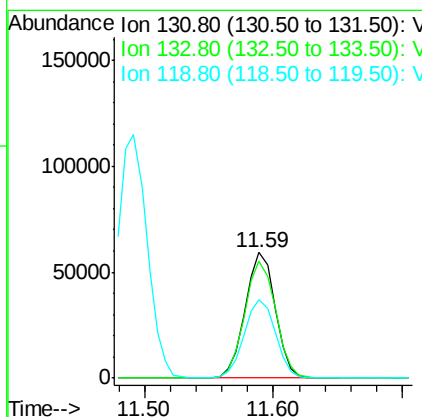
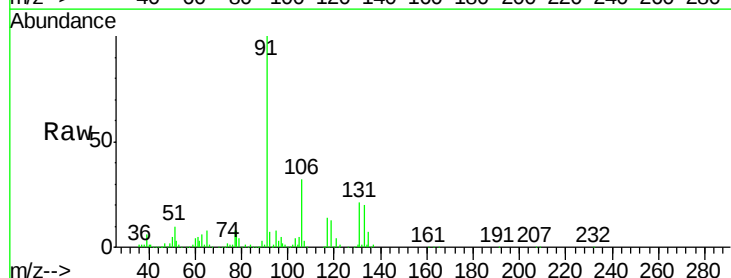
Manual Integrations
APPROVED

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#66
1,1,1,2-Tetrachloroethane
Concen: 21.178 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.9	143.8
119	65.3	31.8	95.3





#67

Ethyl Benzene

Concen: 21.190 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 91 Resp: 445877

Ion Ratio Lower Upper

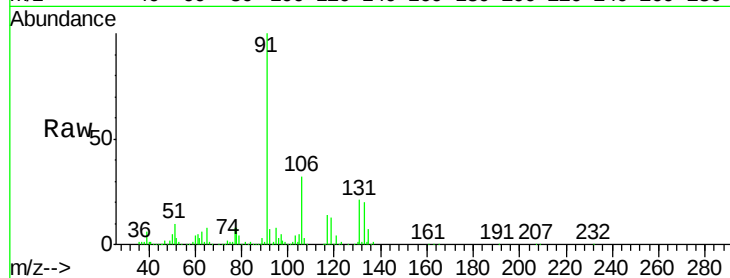
91 100

106 31.9 25.0 37.4

Manual Integrations
APPROVED

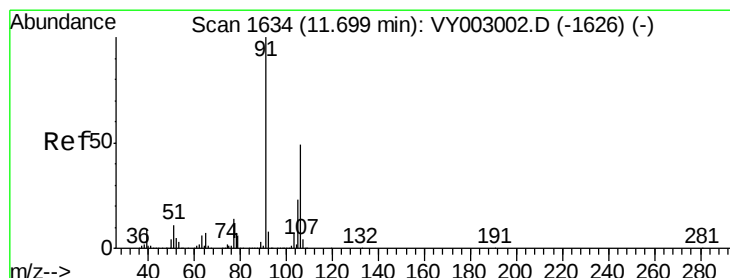
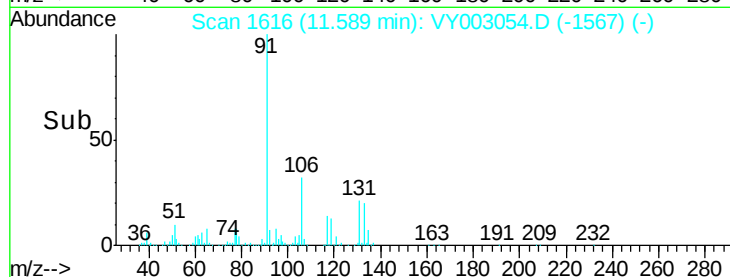
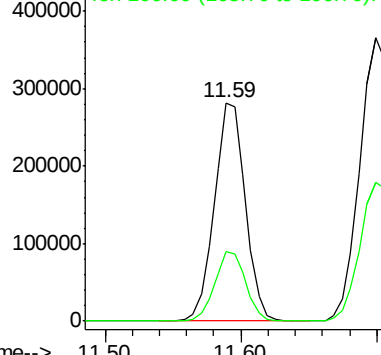
Sam

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.381 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003054.D

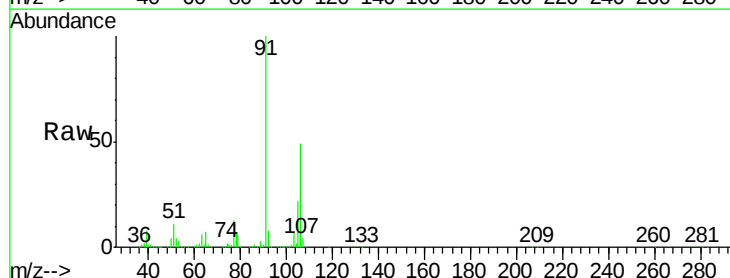
Acq: 01 Jul 2020 13:14

Tgt Ion: 106 Resp: 331896

Ion Ratio Lower Upper

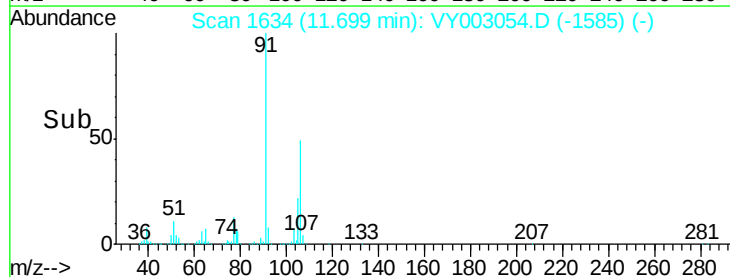
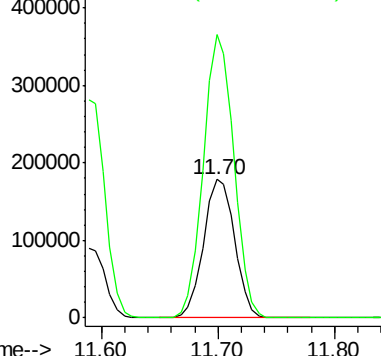
106 100

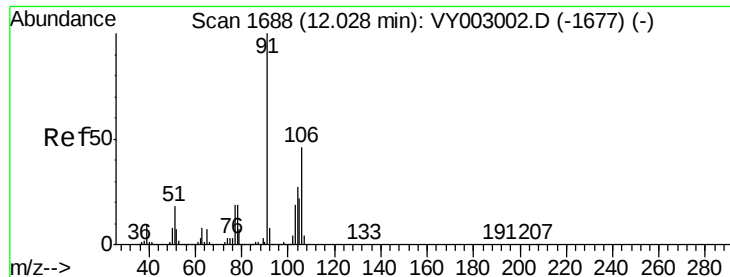
91 200.5 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





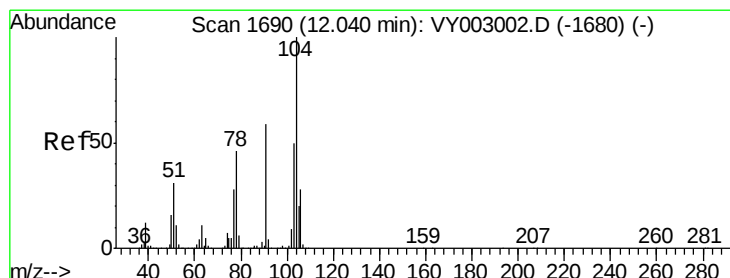
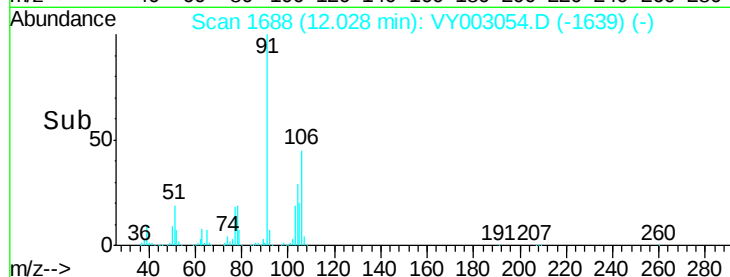
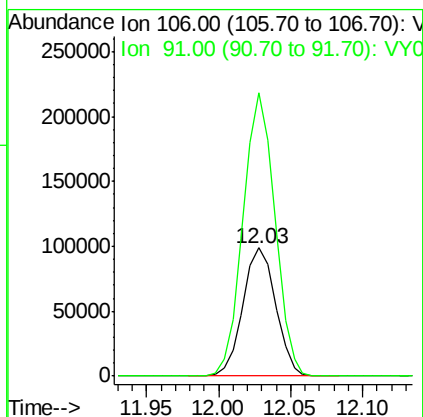
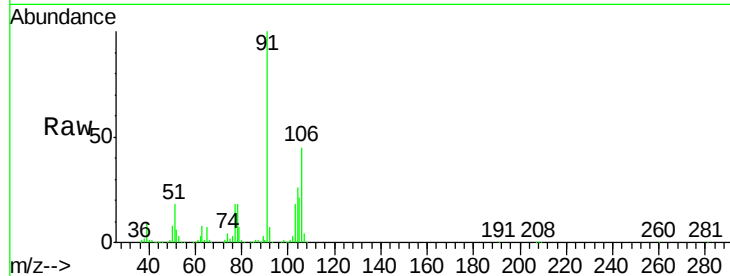
#69
o-Xylene
Concen: 21.142 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion:106 Resp: 156018
Ion Ratio Lower Upper
106 100
91 214.6 107.9 323.8

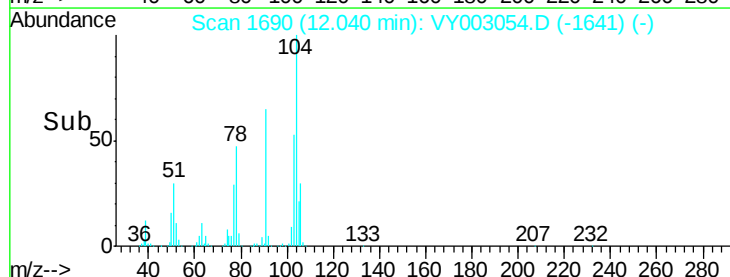
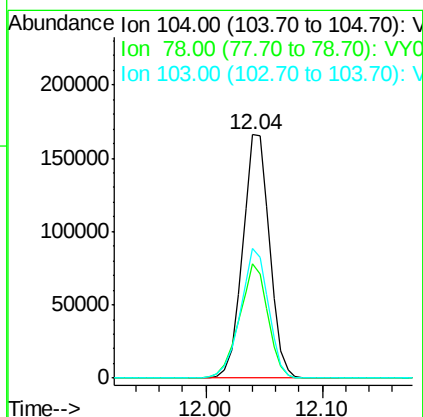
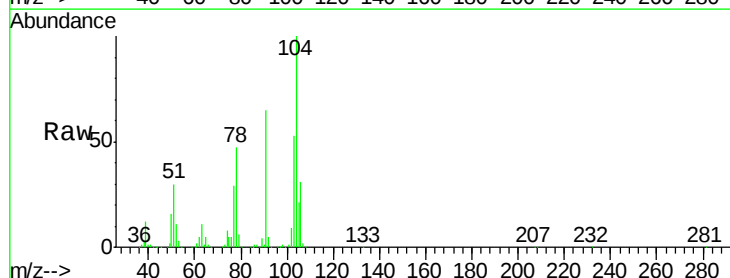
Manual Integrations
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#70
Styrene
Concen: 21.182 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion:104 Resp: 267041
Ion Ratio Lower Upper
104 100
78 49.6 40.4 60.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 21.186 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion:173 Resp: 63437

Ion Ratio Lower Upper

173 100

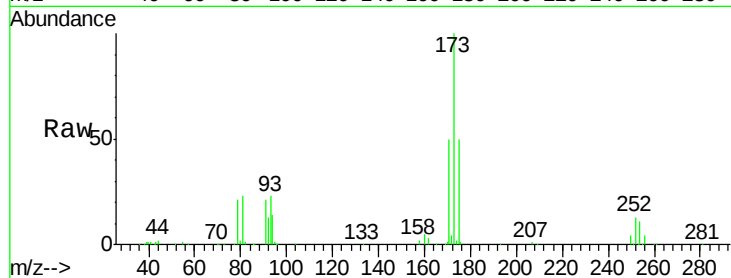
175 48.3 24.6 73.6

254 0.2 0.2 0.2

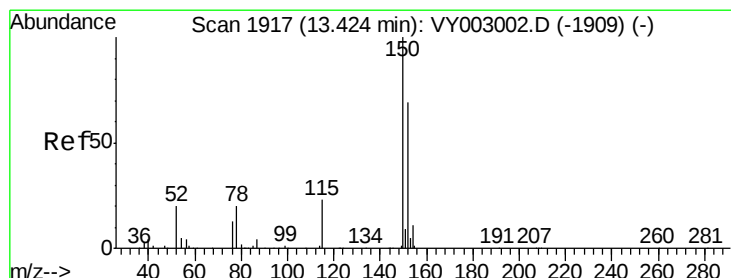
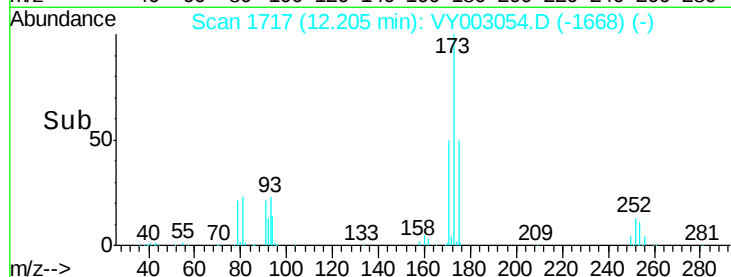
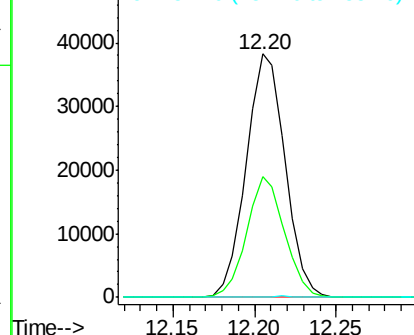
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

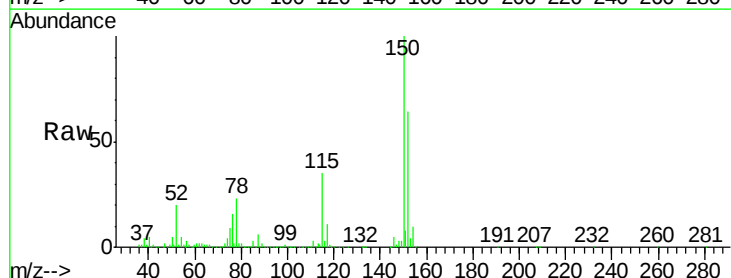
Tgt Ion:152 Resp: 309796

Ion Ratio Lower Upper

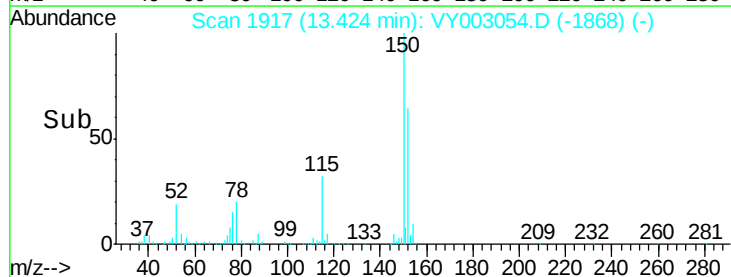
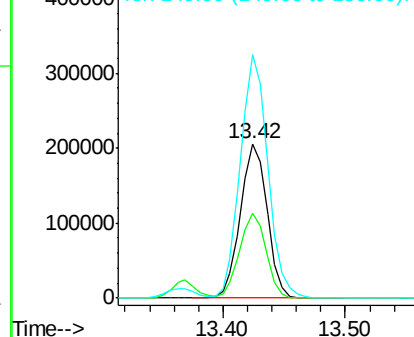
152 100

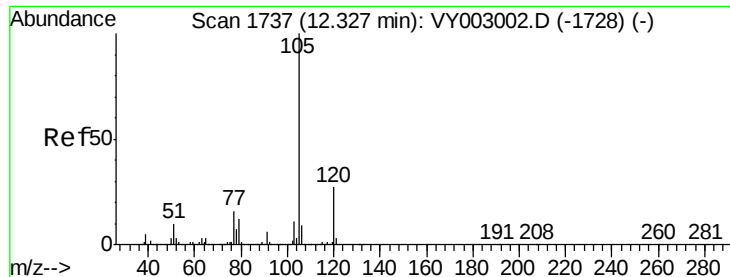
115 54.5 27.3 81.9

150 163.1 0.0 343.4



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





#73

Isopropylbenzene

Concen: 21.199 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 105 Resp: 429813

Ion Ratio Lower Upper

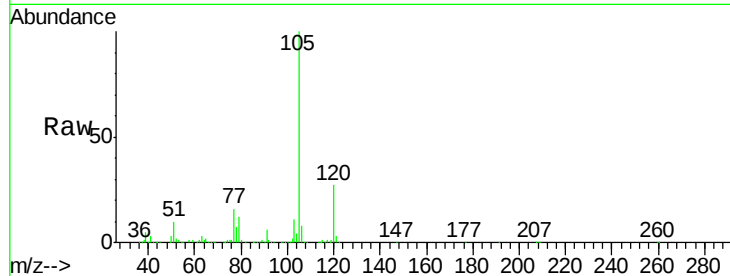
105 100

120 26.9 13.4 40.1

Manual Integrations
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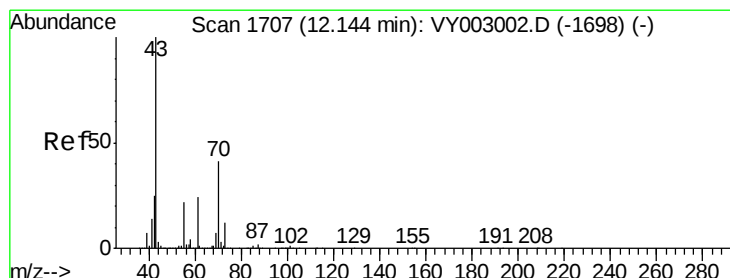
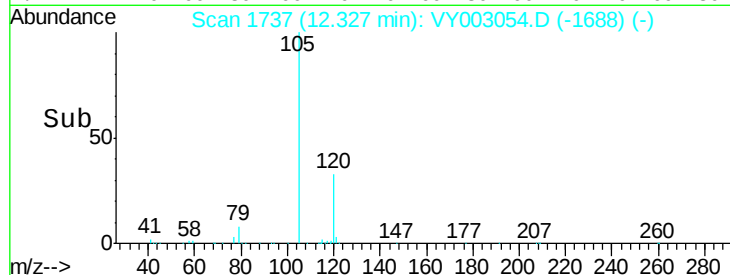
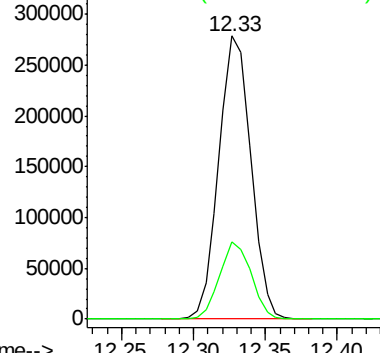
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.761 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion: 43 Resp: 130433

Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.4

55 23.0 18.2 27.2

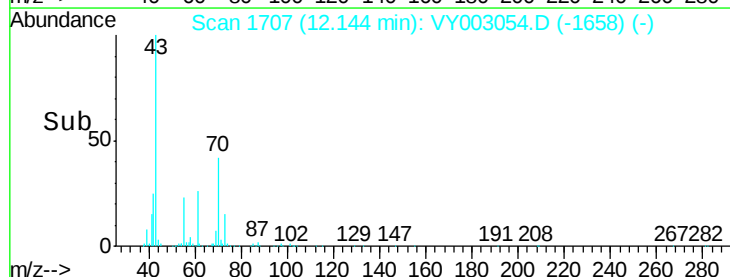
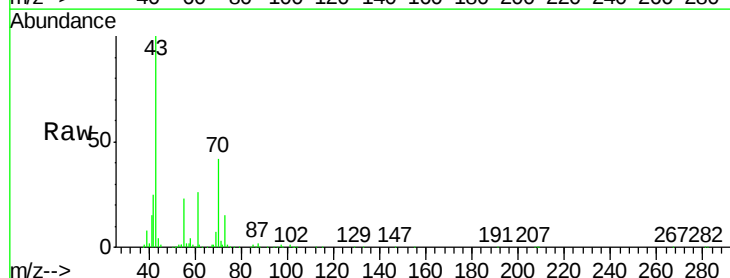
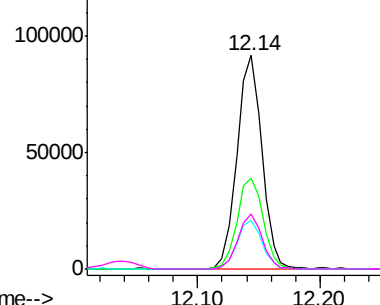
61 25.2 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.364 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

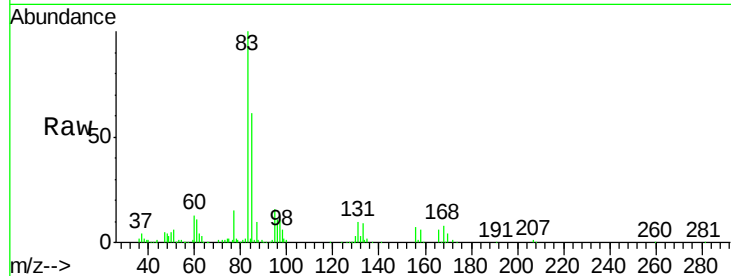
ClientSampled :

VY0701SBSD01

Tot Ion:	83	Resp:	87412
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	63.3	32.1	96.3

Manual Integrations
APPROVED

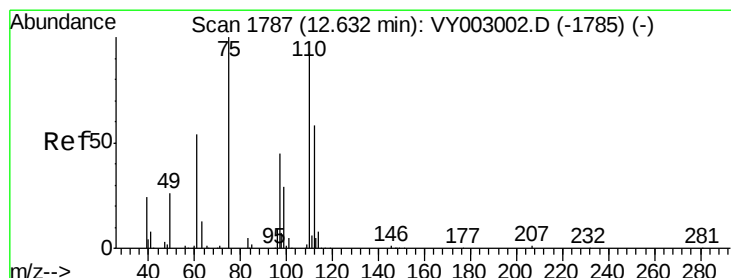
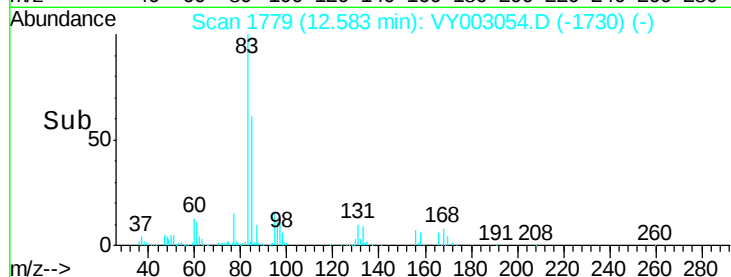
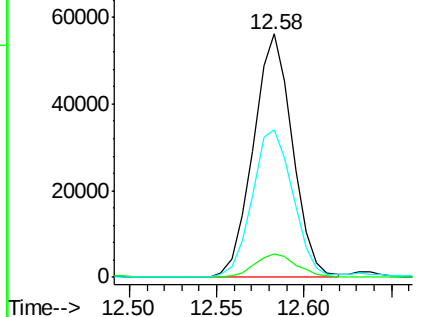
sam
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Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 20.875 ug/l m

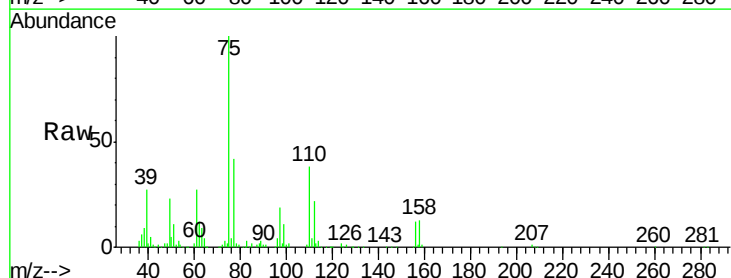
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003054.D

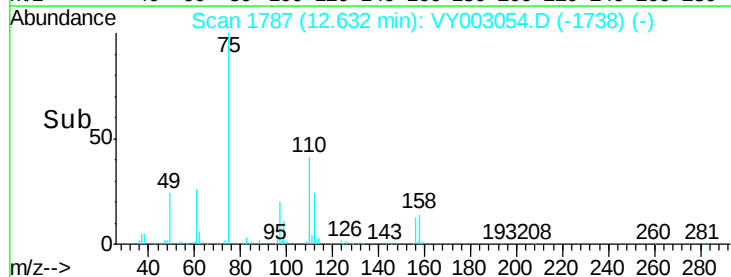
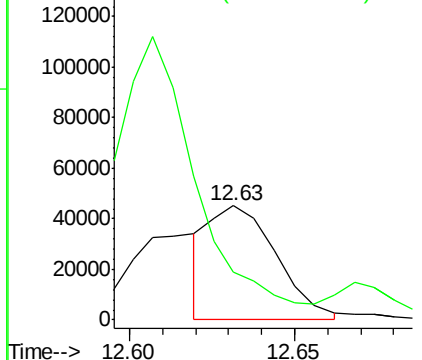
Acq: 01 Jul 2020 13:14

Tgt Ion:	75	Resp:	64002
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.736 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

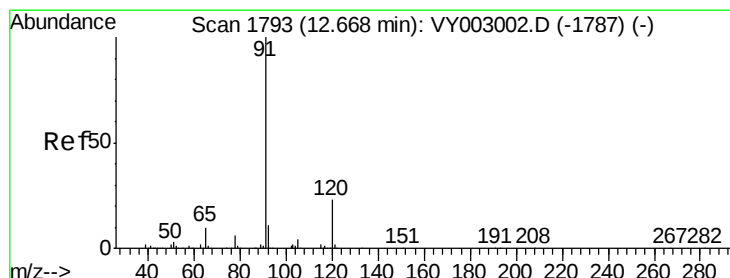
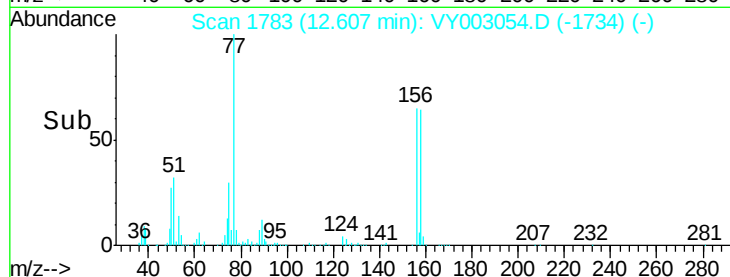
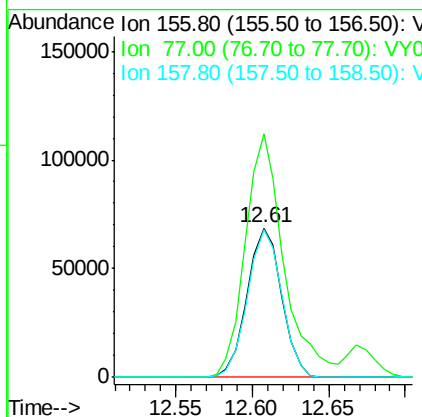
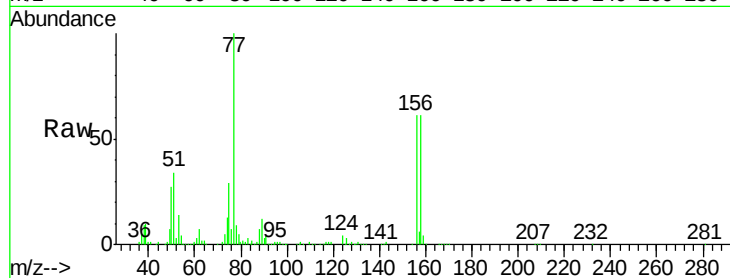
ClientSampleId :

VY0701SBSD01

Tot Ion:	156	Resp:	107794
Ion Ratio	Lower	Upper	
156	100		
77	183.2	90.0	270.0
158	98.8	48.5	145.5

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#78

n-propylbenzene

Concen: 21.270 ug/l

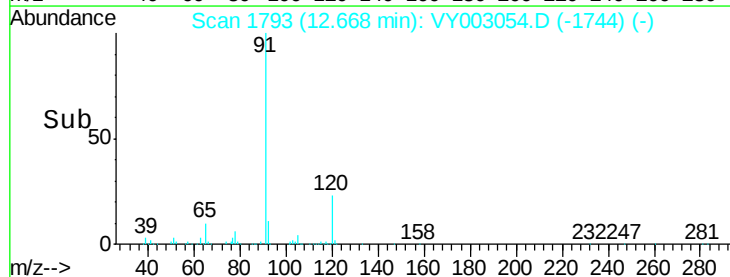
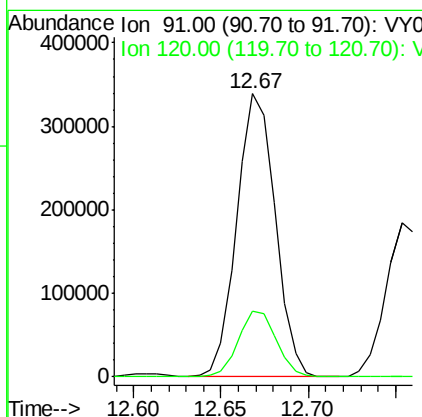
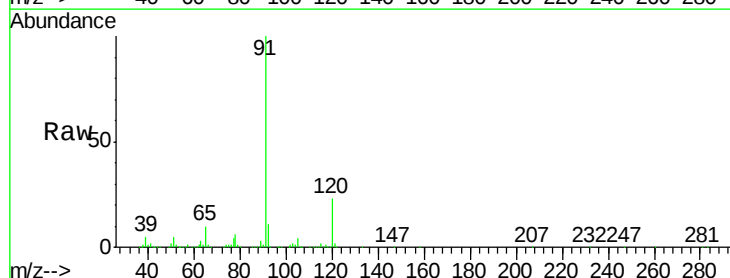
RT: 12.67 min Scan# 1793

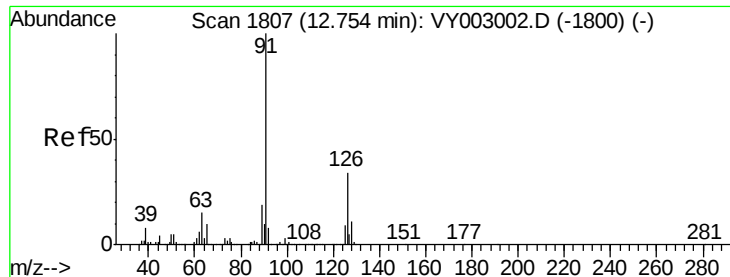
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	91	Resp:	518634
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 21.051 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 91 Resp: 286511

Ion Ratio Lower Upper

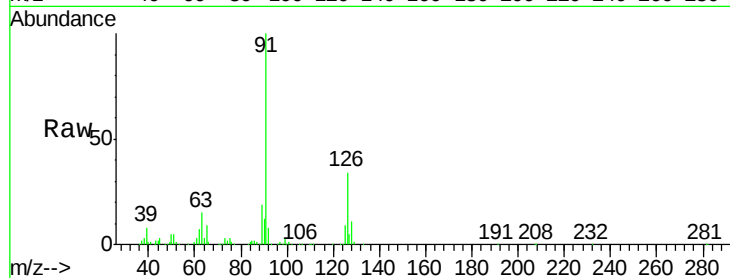
91 100

126 35.6 17.1 51.3

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Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003002.D (-1800) (-)

250000

200000

150000

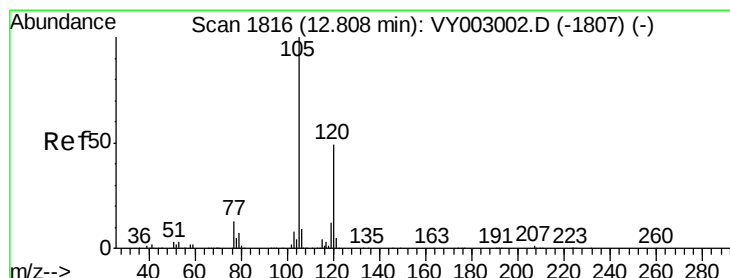
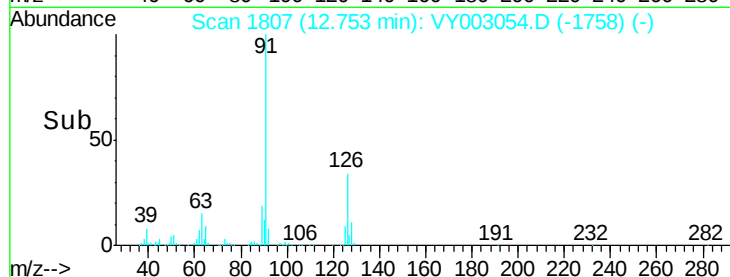
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.328 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003054.D

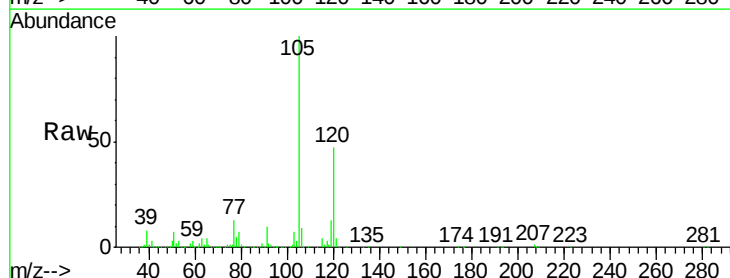
Acq: 01 Jul 2020 13:14

Tgt Ion: 105 Resp: 362868

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1807) (-)

250000

200000

150000

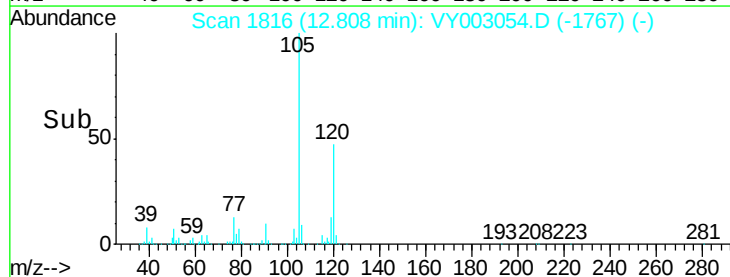
100000

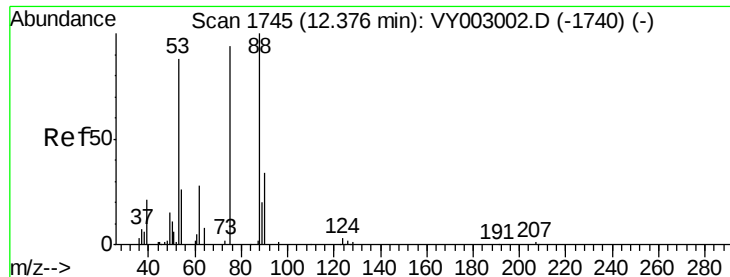
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.076 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion: 75 Resp: 31637

Ion Ratio Lower Upper

75 100

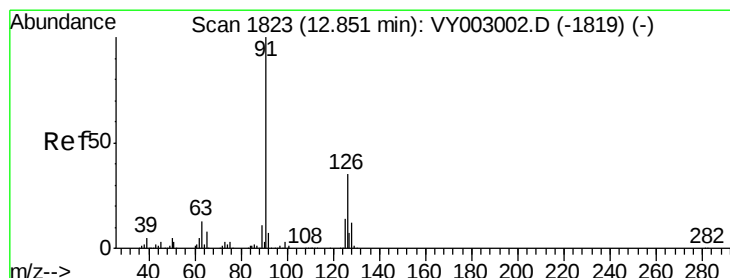
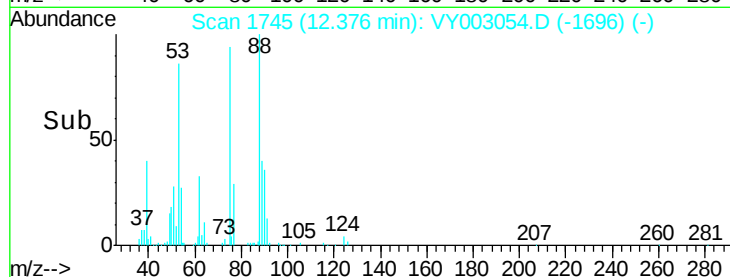
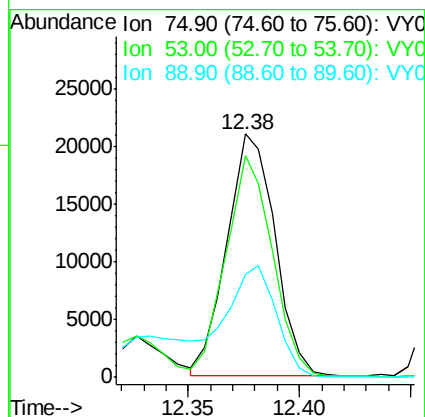
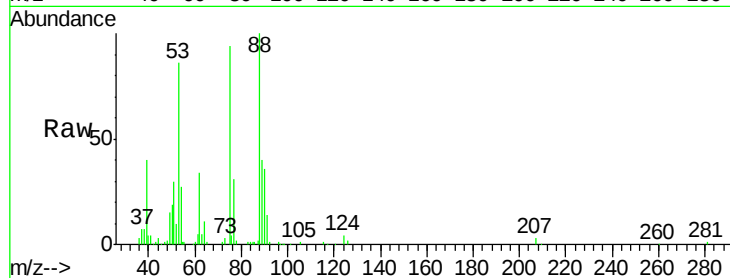
53 87.9 73.9 110.9

89 50.0 37.5 56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.198 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003054.D

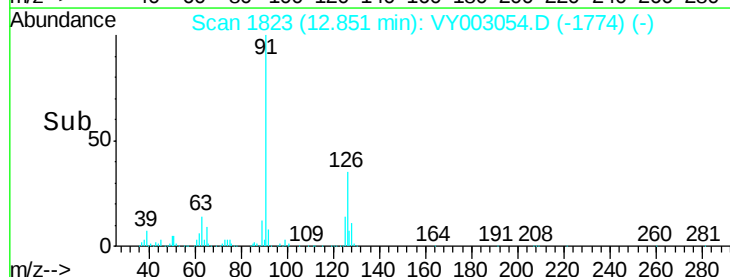
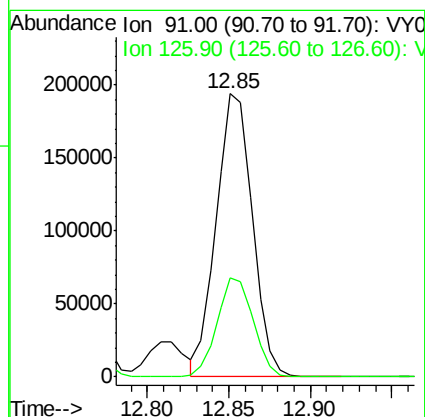
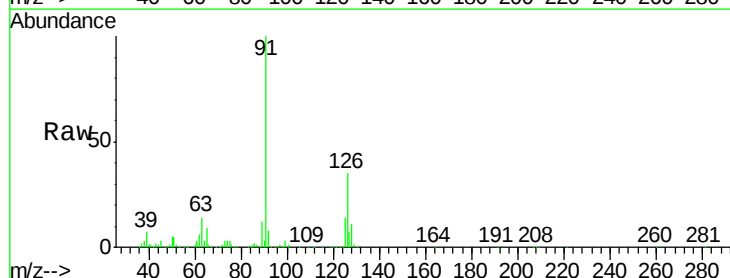
Acq: 01 Jul 2020 13:14

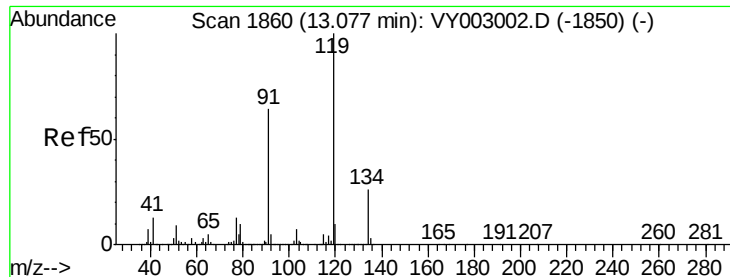
Tgt Ion: 91 Resp: 300386

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 21.318 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

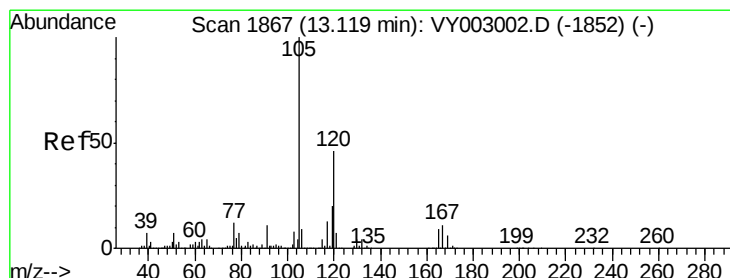
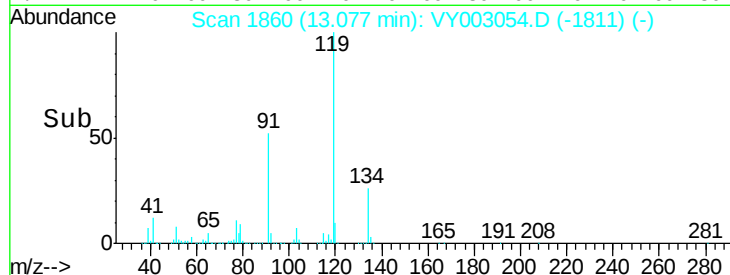
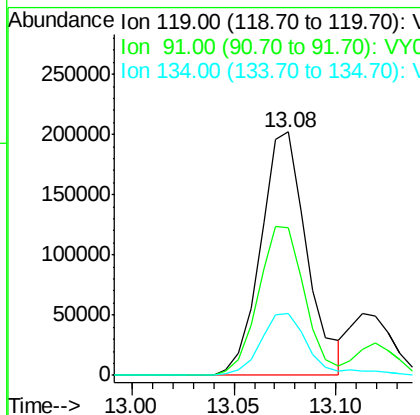
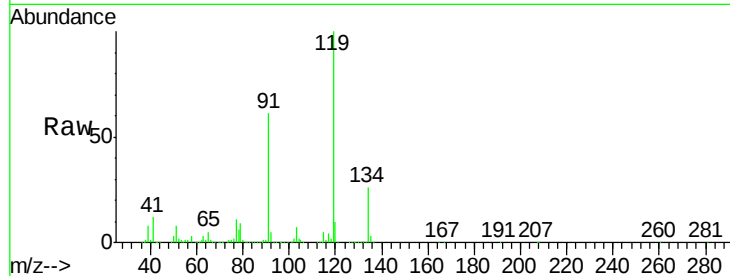
ClientSampleId :

VY0701SBSD01

Tot Ion:	119	Resp:	318470
Ion Ratio	Lower	Upper	
119	100		
91	61.5	31.6	95.0
134	26.8	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.108 ug/l

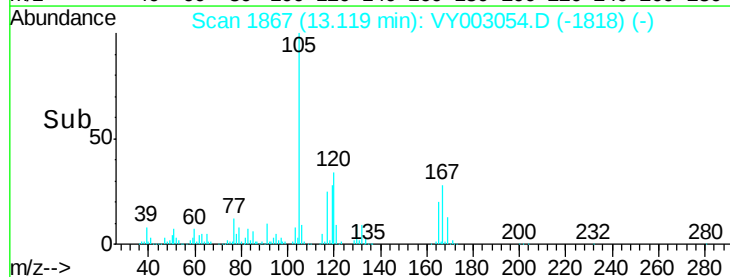
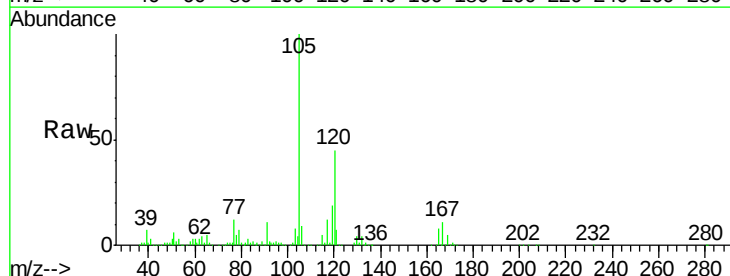
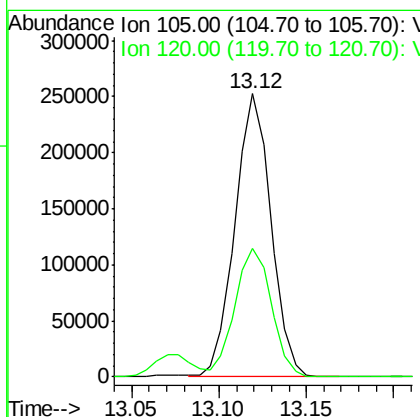
RT: 13.12 min Scan# 1867

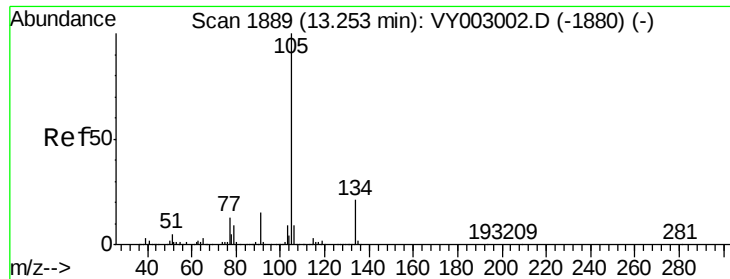
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	105	Resp:	361863
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.281 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBSD01

Tot Ion:105 Resp: 438207

Ion Ratio Lower Upper

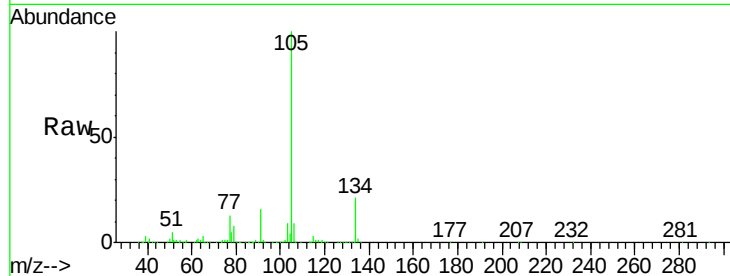
105 100

134 21.1 10.4 31.2

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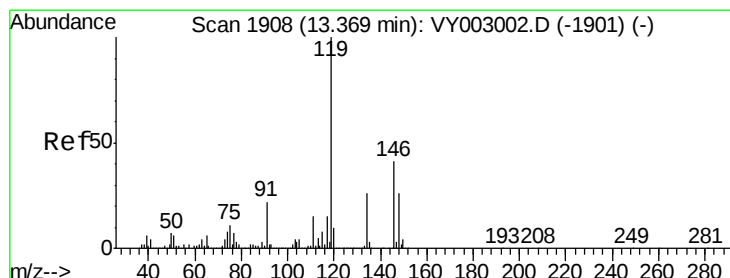
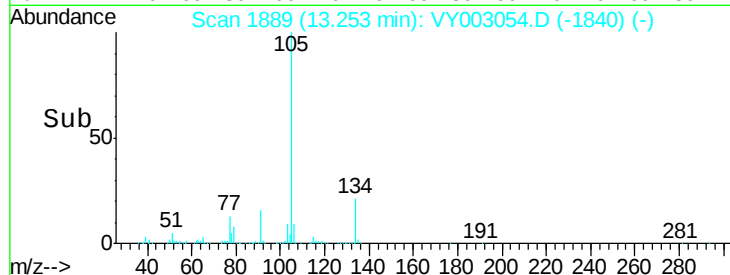
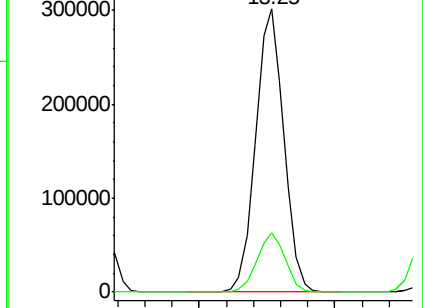
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.159 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

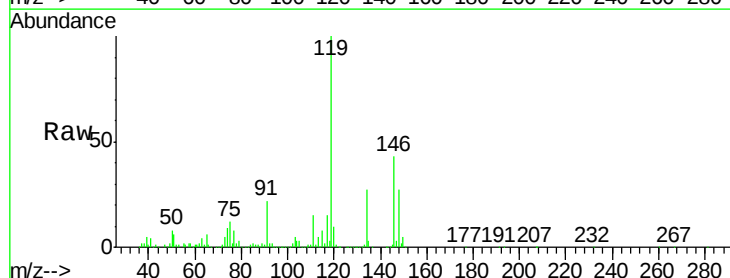
Tgt Ion:119 Resp: 403729

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

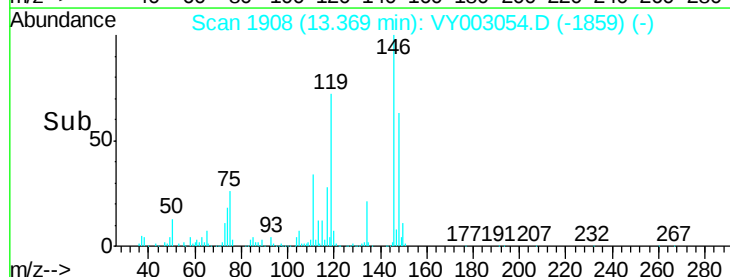
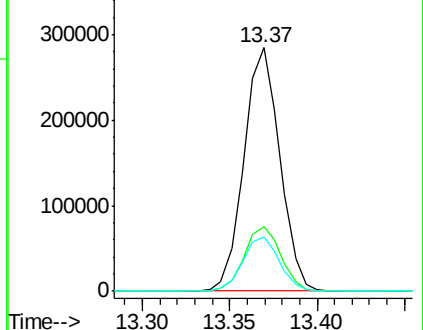
91 22.7 11.5 34.5

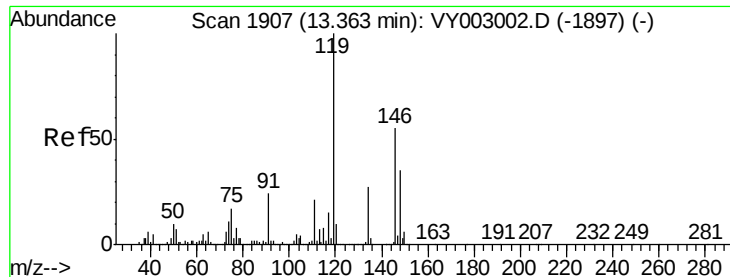


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





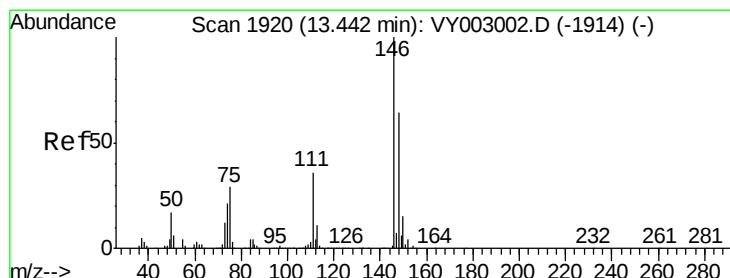
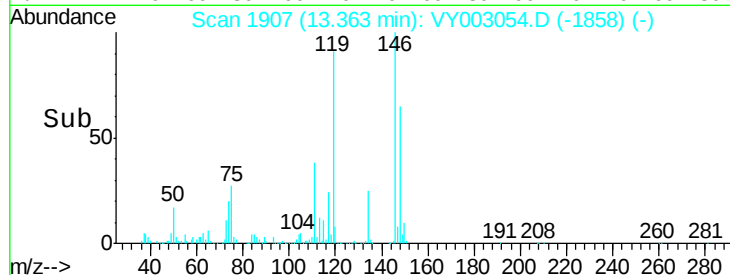
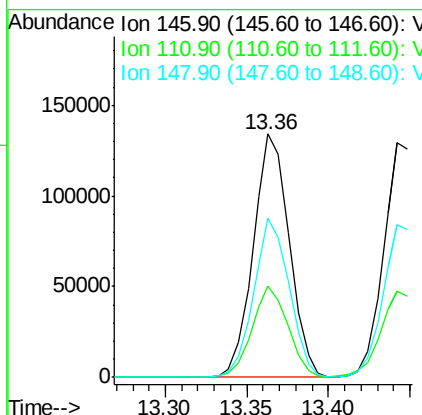
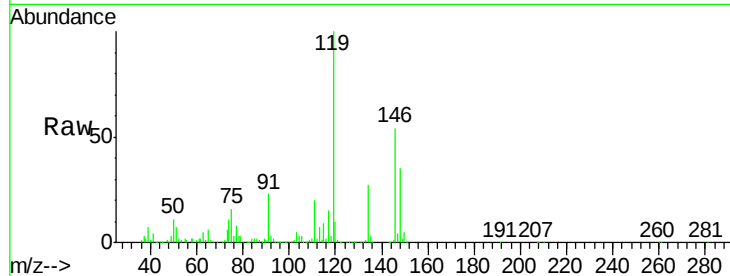
#87
 1,3-Dichlorobenzene
 Concen: 21.157 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	205338		
111	37.4	18.8	56.3	
148	64.5	31.8	95.3	

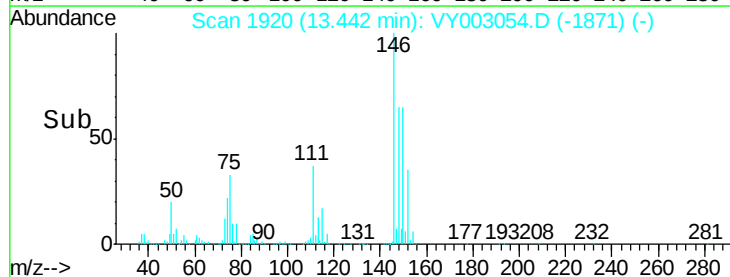
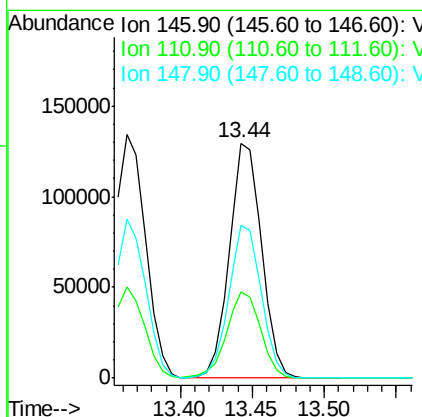
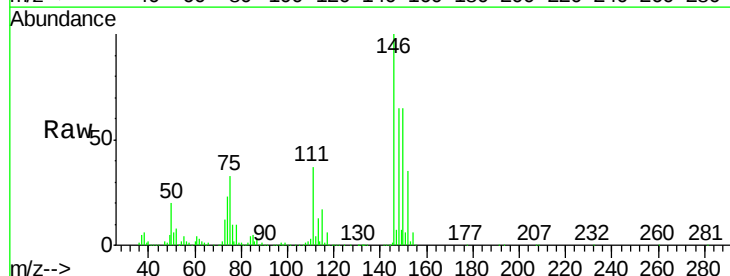
Manual Integrations
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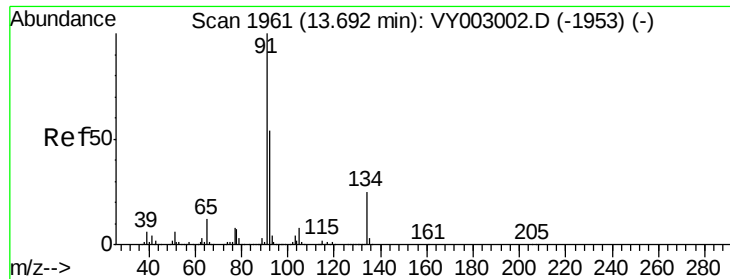
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#88
 1,4-Dichlorobenzene
 Concen: 21.168 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	202584		
111	38.5	18.4	55.4	
148	65.8	32.3	96.9	





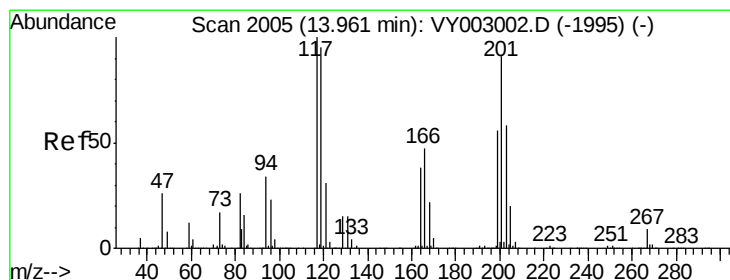
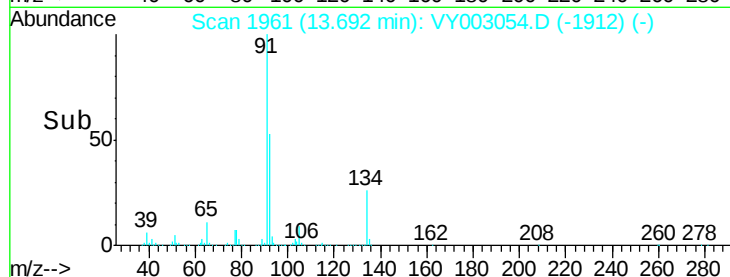
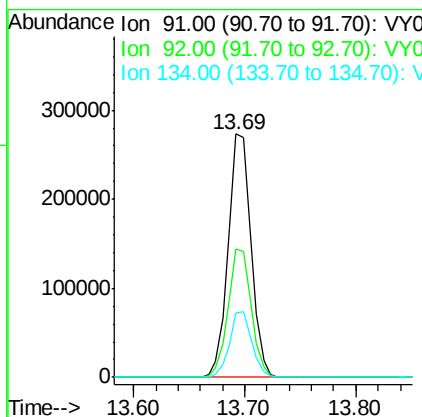
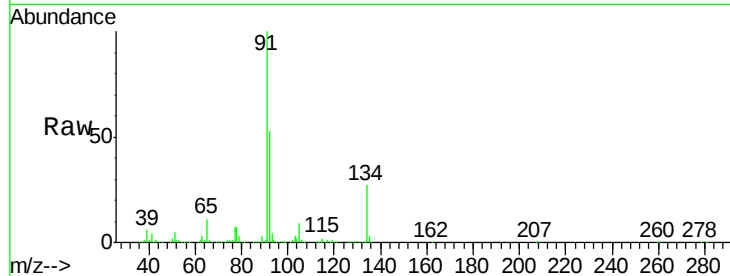
#89
n-Butylbenzene
Concen: 21.281 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	26.6	13.1	39.1

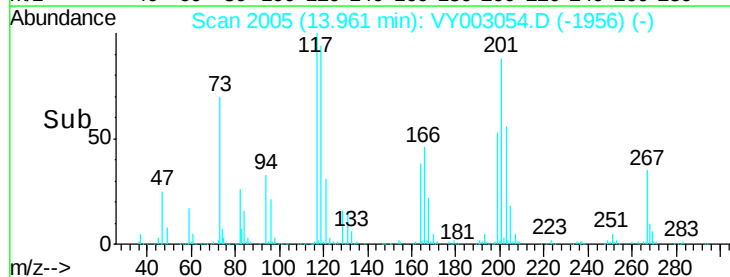
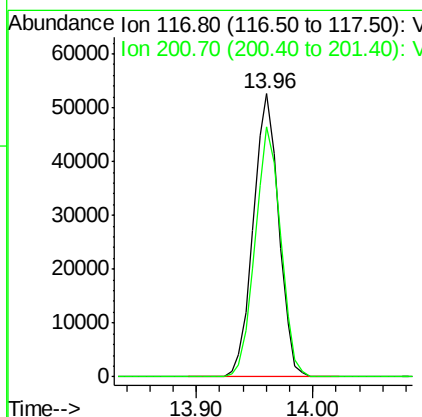
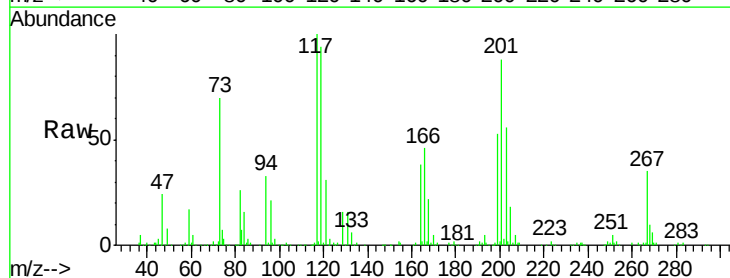
Manual Integrations
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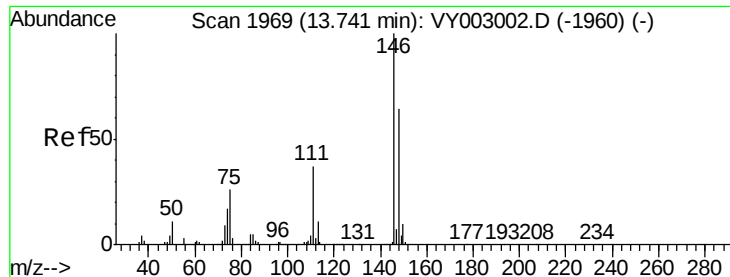
sam
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#90
Hexachloroethane
Concen: 21.282 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 21.454 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Instrument :

MSVOA_Y

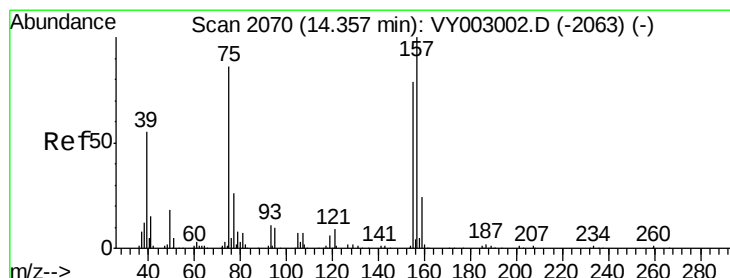
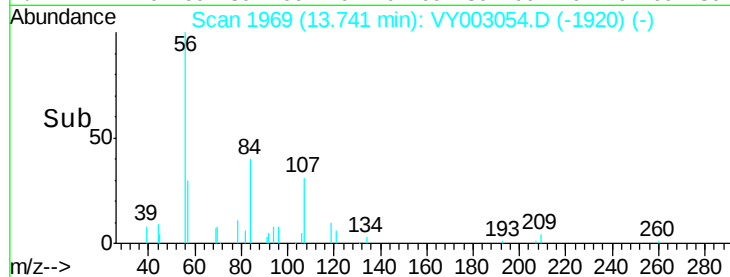
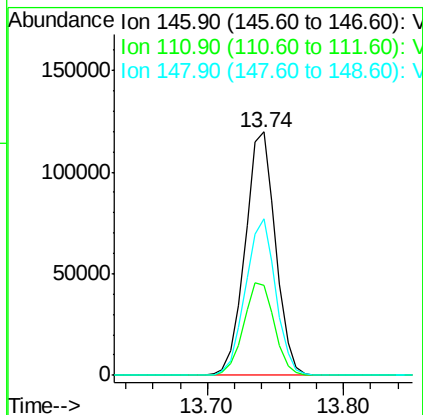
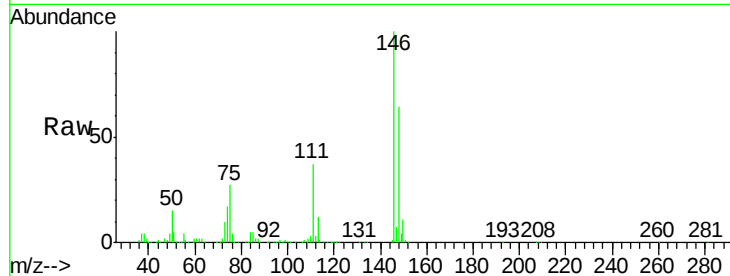
ClientSampleId :

VY0701SBSD01

Tot Ion:	146	Resp:	186815
Ion Ratio		Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.0	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.536 ug/l

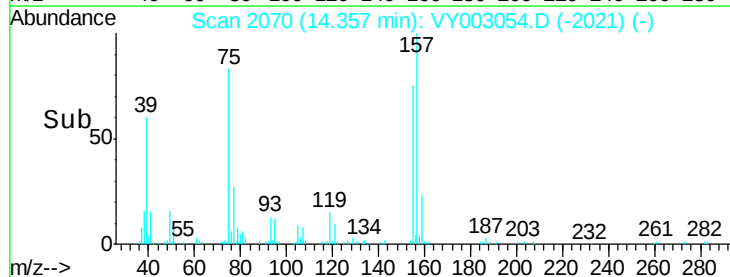
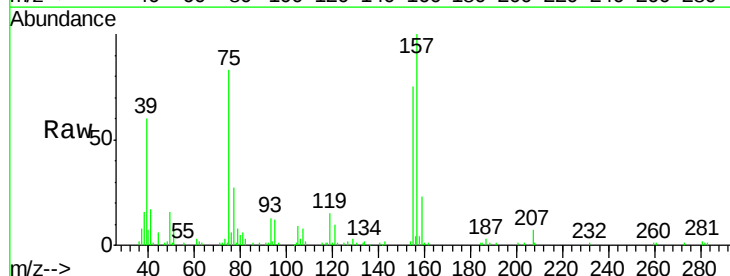
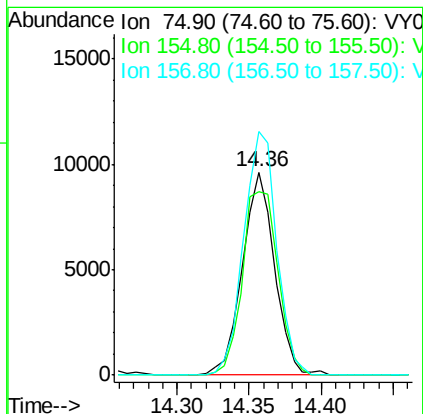
RT: 14.36 min Scan# 2070

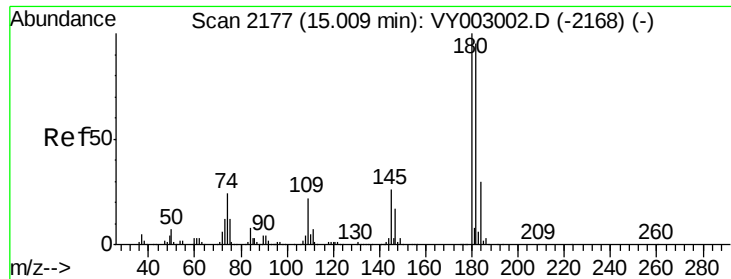
Delta R.T. -0.00 min

Lab File: VY003054.D

Acq: 01 Jul 2020 13:14

Tgt Ion:	75	Resp:	14874
Ion Ratio		Lower	Upper
75	100		
155	100.4	46.5	139.3
157	122.7	59.2	177.5





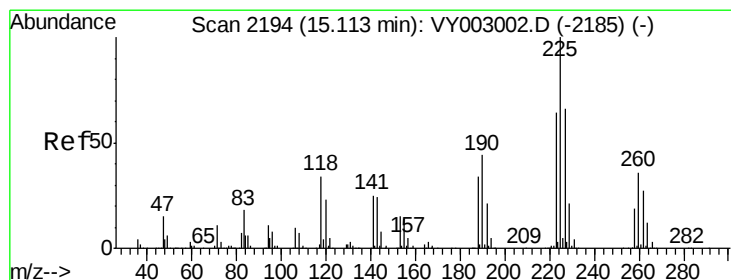
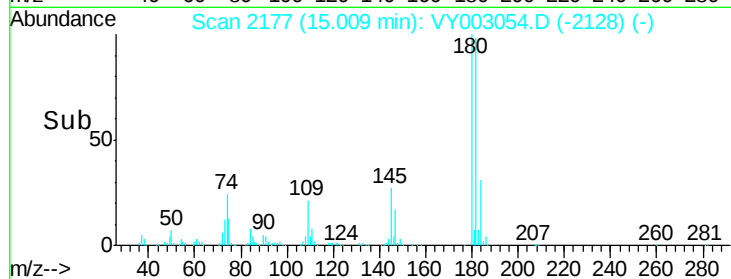
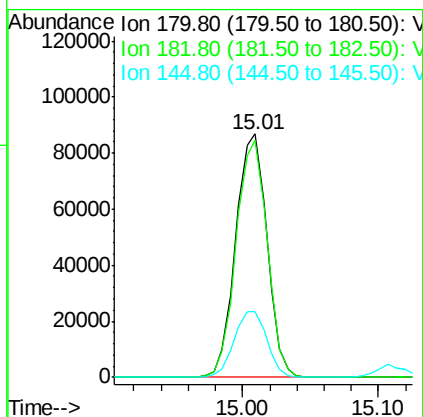
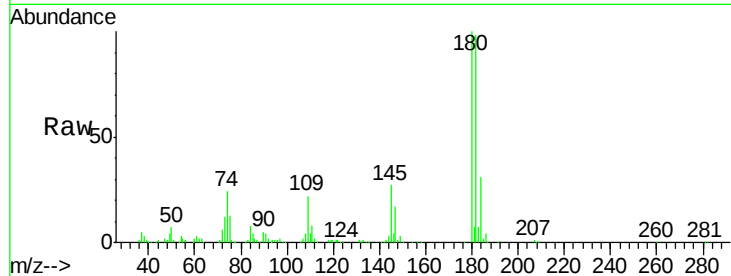
#93
 1,2,4-Trichlorobenzene
 Concen: 21.504 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139143		
182	97.0	48.1	144.3	
145	28.4	13.9	41.6	

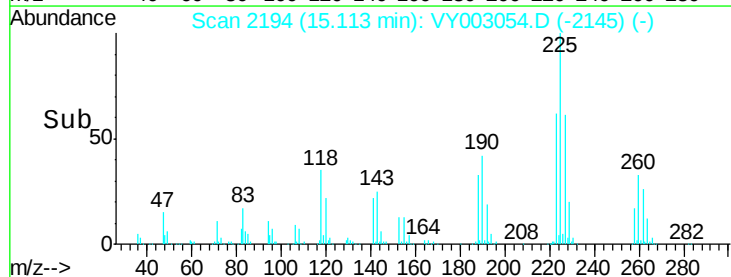
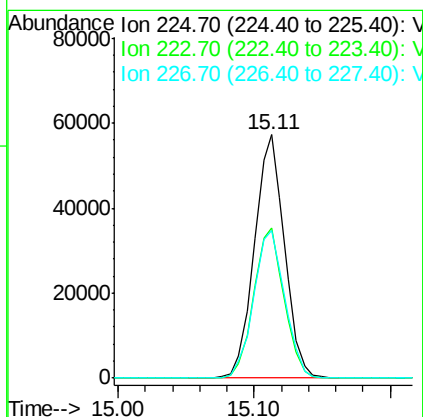
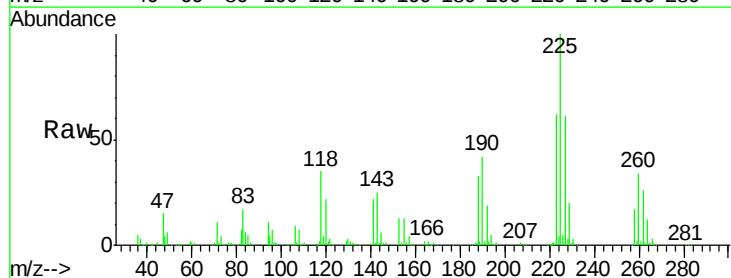
Manual Integrations
 APPROVED

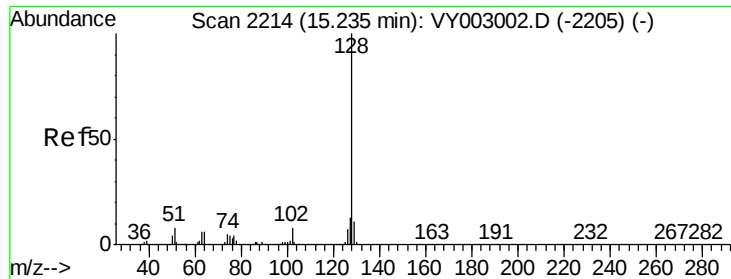
sam
 7/2/2020 4:48:52 PM



#94
 Hexachlorobutadiene
 Concen: 21.768 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003054.D
 Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88842		
223	62.2	32.4	97.0	
227	62.6	32.4	97.2	





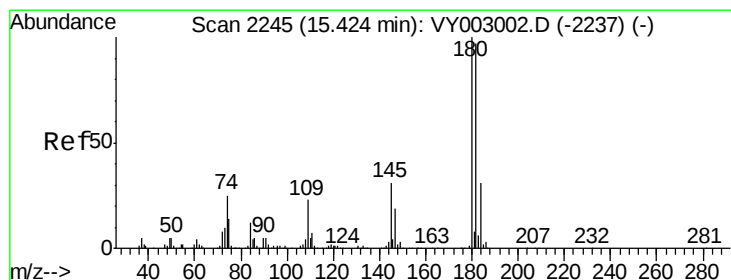
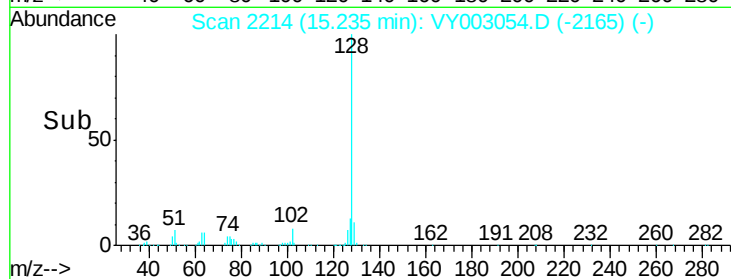
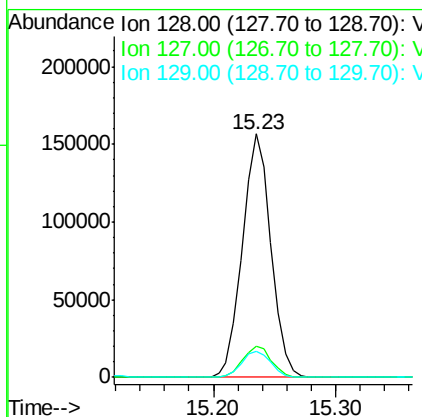
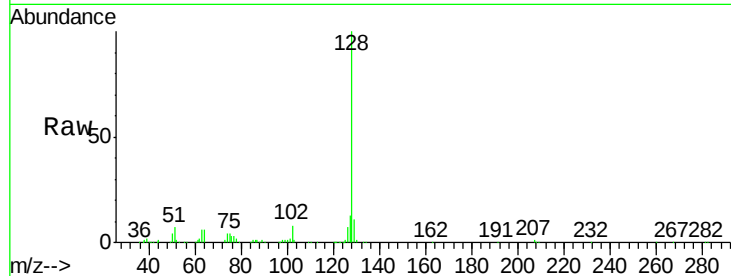
#95
Naphthalene
Concen: 21.405 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

sam
7/2/2020 4:48:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.537 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003054.D
Acq: 01 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	29.0	14.7	44.1

