

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001482.D
 Acq On : 04 Feb 2020 13:16
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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 2/5/2020 12:23:35 PM

Quant Time: Feb 04 14:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 14:37:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	250033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	432318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	387247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	177341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	24691	9.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.52%	
35) Dibromofluoromethane	7.74	113	26561	10.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.06%	
50) Toluene-d8	10.19	98	91485	9.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.70%	
62) 4-Bromofluorobenzene	12.49	95	41863	10.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	24871	12.046	ug/l	95
3) Chloromethane	2.12	50	26398	9.019	ug/l	96
4) Vinyl Chloride	2.26	62	26506	8.703	ug/l	94
5) Bromomethane	2.66	94	17743	8.668	ug/l	98
6) Chloroethane	2.80	64	16386	8.485	ug/l	93
7) Trichlorofluoromethane	3.15	101	44639	11.006	ug/l	97
8) Diethyl Ether	3.55	74	14747	8.949	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	26868	10.511	ug/l	99
10) Methyl Iodide	4.11	142	32459	9.705	ug/l	100
11) Tert butyl alcohol	4.97	59	21689	53.821	ug/l #	76
12) 1,1-Dichloroethene	3.89	96	26580	9.968	ug/l	95
13) Acrolein	3.76	56	11962	51.219	ug/l	98
14) Allyl chloride	4.50	41	40340	8.717	ug/l	98
15) Acrylonitrile	5.19	53	33132	40.035	ug/l	99
16) Acetone	3.97	43	32947	42.251	ug/l	100
17) Carbon Disulfide	4.22	76	84798	10.078	ug/l	98
18) Methyl Acetate	4.50	43	15248	7.003	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	69694	9.121	ug/l	99
20) Methylene Chloride	4.75	84	35223	8.503	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	29790	9.707	ug/l	98
22) Diisopropyl ether	6.14	45	79575	8.159	ug/l	94
23) Vinyl Acetate	6.09	43	248188	39.452	ug/l	99
24) 1,1-Dichloroethane	6.05	63	48424	9.254	ug/l	97
25) 2-Butanone	7.01	43	44833	39.183	ug/l	98
26) 2,2-Dichloropropane	7.00	77	48161	10.225	ug/l	96
27) cis-1,2-Dichloroethene	7.01	96	32514	9.536	ug/l	97
28) Bromochloromethane	7.35	49	13500	6.394	ug/l	100
29) Tetrahydrofuran	7.37	42	27343	37.193	ug/l	99
30) Chloroform	7.53	83	49032	9.480	ug/l	98
31) Cyclohexane	7.80	56	51927	9.938	ug/l #	89
32) 1,1,1-Trichloroethane	7.72	97	44177	10.019	ug/l	100
36) 1,1-Dichloropropene	7.94	75	40574	9.905	ug/l	98
37) Ethyl Acetate	7.10	43	18347	7.661	ug/l	98
38) Carbon Tetrachloride	7.92	117	38287	10.351	ug/l	98

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

39) Methylcyclohexane	9.20	83	54141	10.274	ug/l	94
40) Benzene	8.18	78	116144	9.548	ug/l	98
41) Methacrylonitrile	7.33	41	10044	8.214	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	32009	9.473	ug/l	99
43) Isopropyl Acetate	8.29	43	36723	7.884	ug/l	99
44) Trichloroethene	8.96	130	31409	9.969	ug/l	97
45) 1,2-Dichloropropane	9.23	63	27817	9.134	ug/l	100
46) Dibromomethane	9.32	93	15788	9.595	ug/l	99
47) Bromodichloromethane	9.51	83	37681	9.514	ug/l	98
48) Methyl methacrylate	9.30	41	17225	8.104	ug/l	96
49) 1,4-Dioxane	9.31	88	4148	181.546	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	90685	37.969	ug/l	99
52) Toluene	10.25	92	73959	9.597	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	40521	9.311	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	47647	9.498	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	22050	9.141	ug/l	99
56) Ethyl methacrylate	10.52	69	30382	8.403	ug/l	100
57) 1,3-Dichloropropane	10.80	76	39542	9.388	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	51962	40.195	ug/l	99
59) 2-Hexanone	10.84	43	63758	38.174	ug/l	98
60) Dibromochloromethane	10.99	129	25955	9.506	ug/l	99
61) 1,2-Dibromoethane	11.10	107	21576	9.410	ug/l	98
64) Tetrachloroethene	10.72	164	25639	10.215	ug/l	97
65) Chlorobenzene	11.52	112	76941	9.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	27173	9.774	ug/l	99
67) Ethyl Benzene	11.60	91	144756	9.653	ug/l	97
68) m/p-Xylenes	11.70	106	110566	19.754	ug/l	99
69) o-Xylene	12.03	106	51364	9.551	ug/l	97
70) Styrene	12.05	104	88961	9.461	ug/l	99
71) Bromoform	12.22	173	14168	8.619	ug/l #	98
73) Isopropylbenzene	12.33	105	139716	9.966	ug/l	100
74) N-amyl acetate	12.15	43	34104	7.746	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	24884	8.512	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	17945m	8.550	ug/l	
77) Bromobenzene	12.61	156	29934	9.675	ug/l	97
78) n-propylbenzene	12.67	91	169052	10.050	ug/l	100
79) 2-Chlorotoluene	12.76	91	94199	9.791	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	118496	10.125	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	9515	8.594	ug/l	95
82) 4-Chlorotoluene	12.86	91	101144	9.878	ug/l	99
83) tert-Butylbenzene	13.08	119	100458	10.181	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	118061	10.059	ug/l	100
85) sec-Butylbenzene	13.26	105	140577	10.058	ug/l	99
86) p-Isopropyltoluene	13.38	119	125285	10.152	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	59827	10.088	ug/l	97
88) 1,4-Dichlorobenzene	13.45	146	59135	9.814	ug/l	98
89) n-Butylbenzene	13.70	91	122052	9.859	ug/l	99
90) Hexachloroethane	13.97	117	23597	10.088	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	52038	9.532	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4966	9.746	ug/l	91

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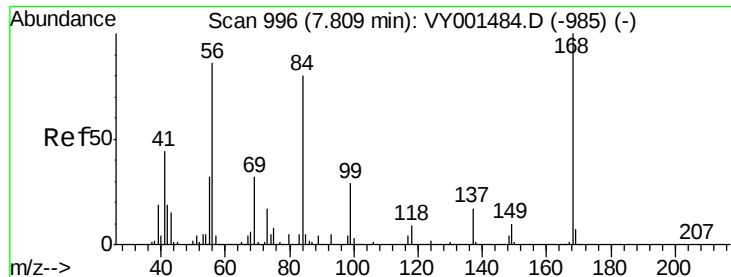
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	35655	9.690	ug/l	98
94) Hexachlorobutadiene	15.11	225	18143	10.068	ug/l	99
95) Naphthalene	15.24	128	80849	9.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	31101	9.677	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 250033

Ion Ratio Lower Upper

168 100

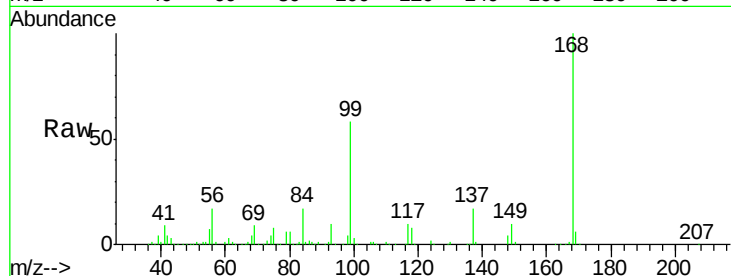
99 58.4 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.81

120000

100000

80000

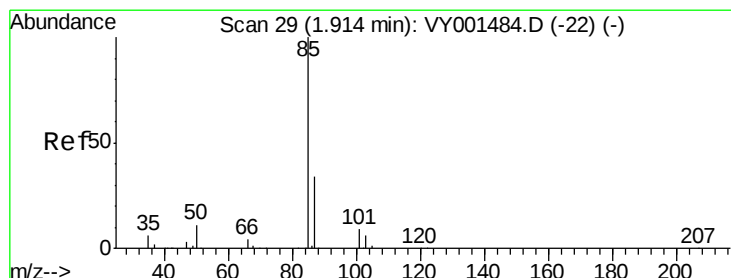
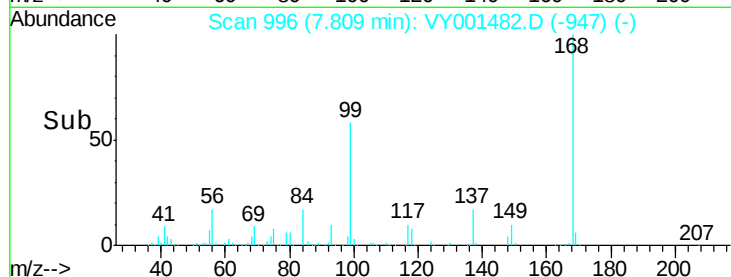
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 12.046 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001482.D

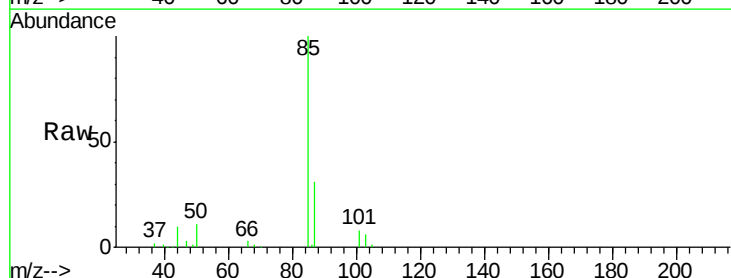
Acq: 04 Feb 2020 13:16

Tgt Ion: 85 Resp: 24871

Ion Ratio Lower Upper

85 100

87 31.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.91

20000

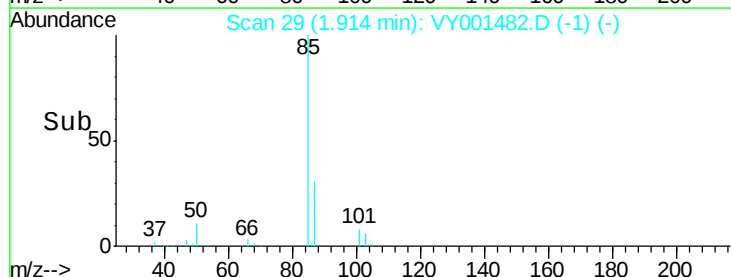
15000

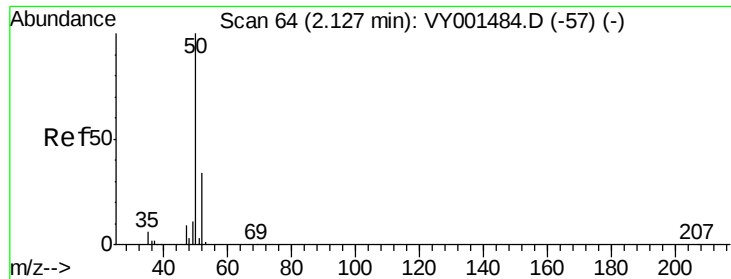
10000

5000

0

Time-->





#3

Chloromethane

Concen: 9.019 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 26398

Ion Ratio Lower Upper

50 100

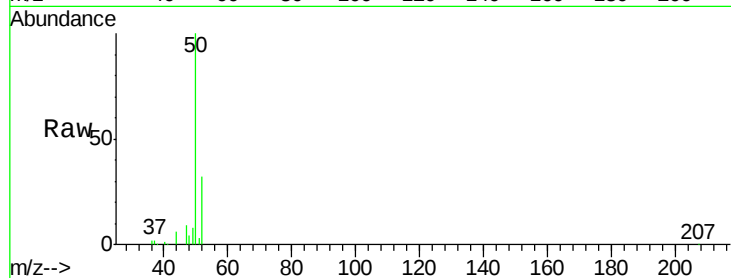
52 31.6 27.3 40.9

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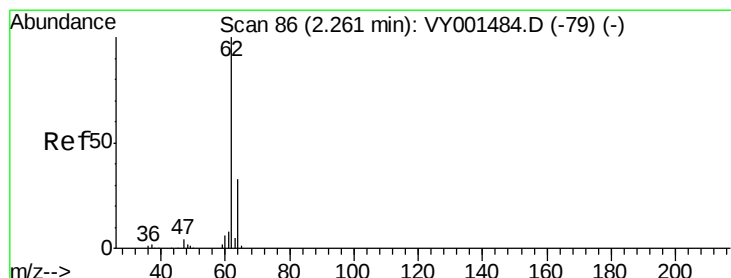
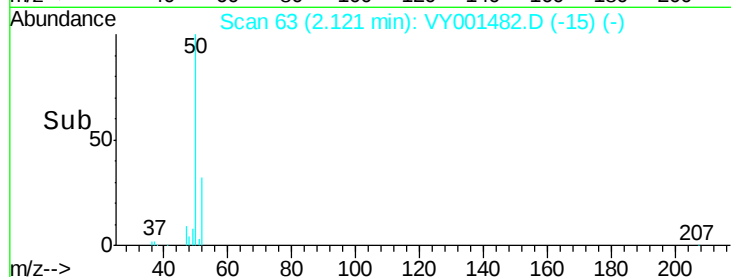
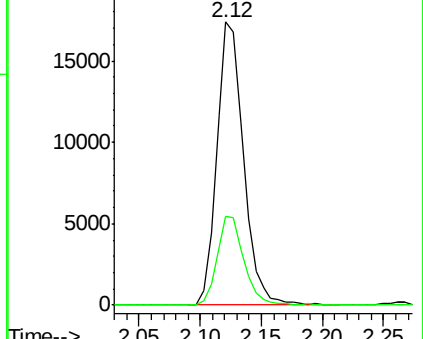
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 8.703 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001482.D

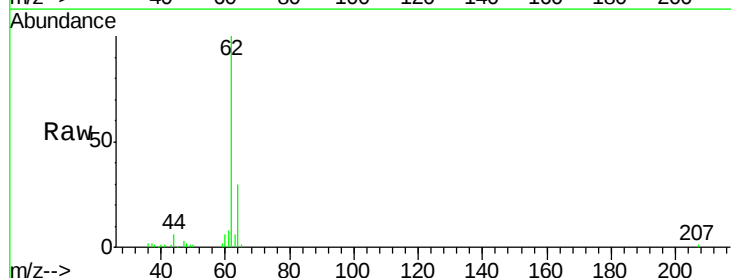
Acq: 04 Feb 2020 13:16

Tgt Ion: 62 Resp: 26506

Ion Ratio Lower Upper

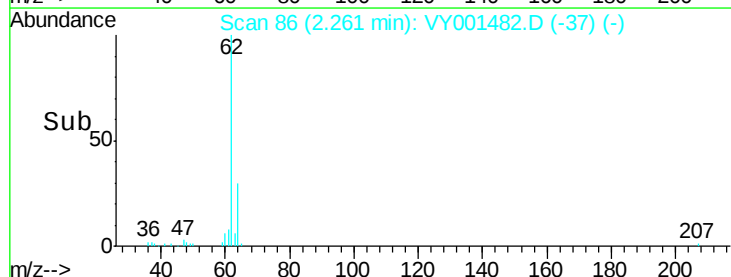
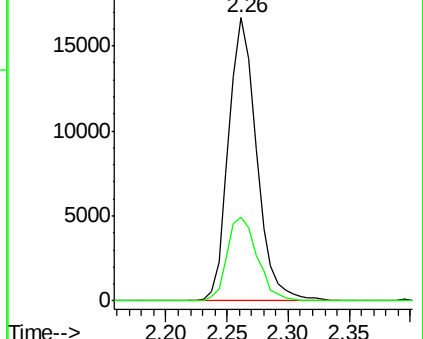
62 100

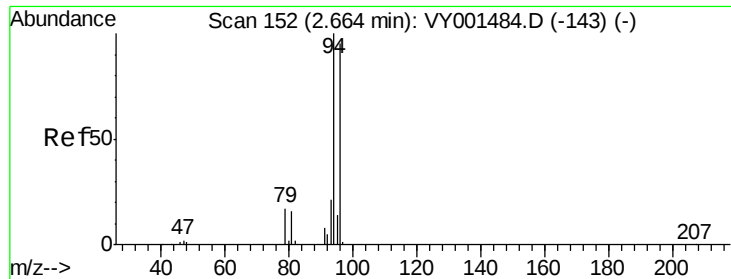
64 29.7 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 8.668 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 17743

Ion Ratio Lower Upper

94 100

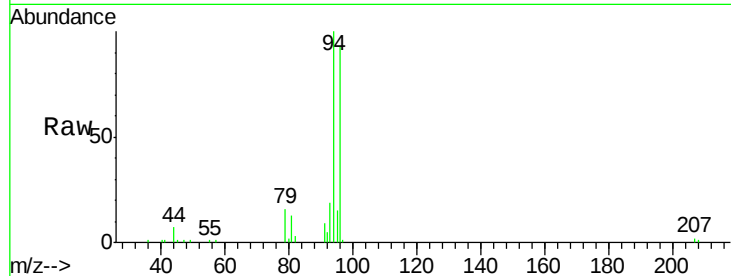
96 93.3 76.2 114.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

10000

8000

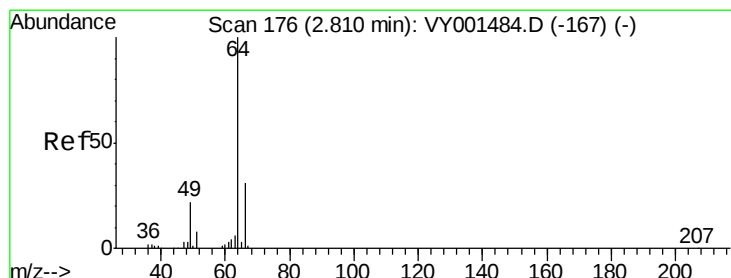
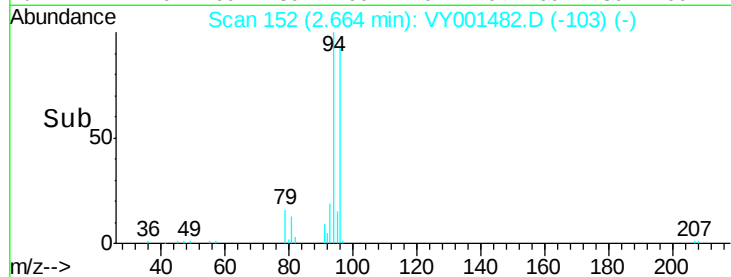
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 8.485 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001482.D

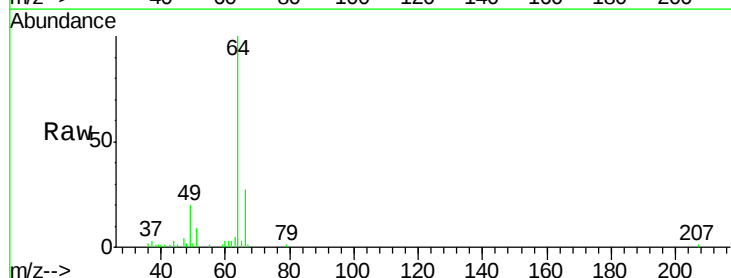
Acq: 04 Feb 2020 13:16

Tgt Ion: 64 Resp: 16386

Ion Ratio Lower Upper

64 100

66 26.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

10000

8000

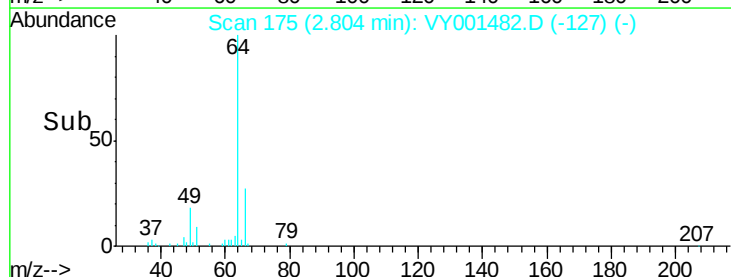
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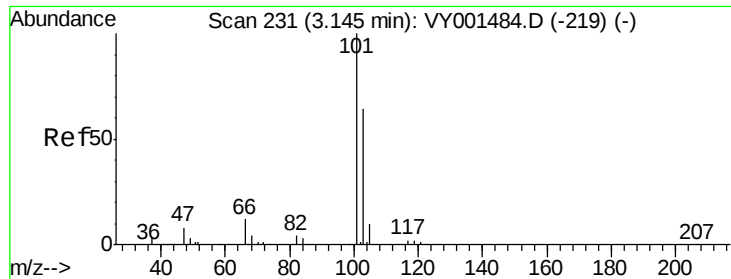
4000

2000

0

Time-->





#7

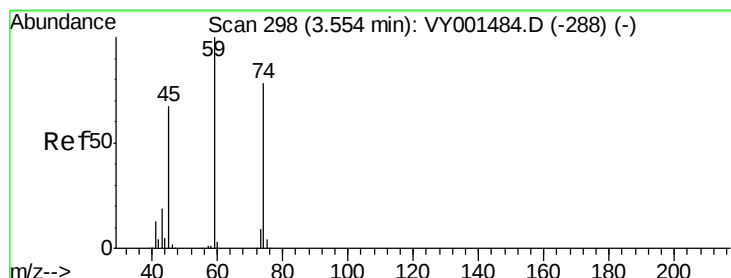
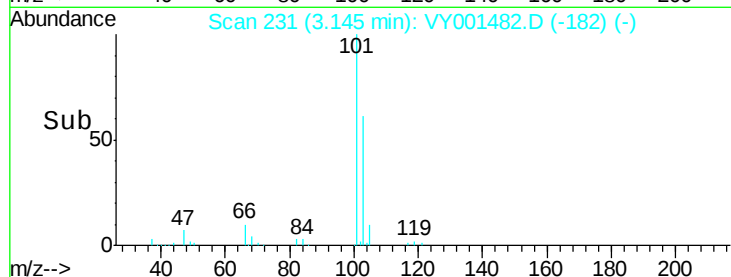
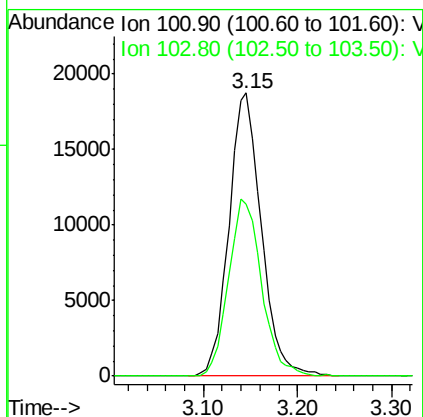
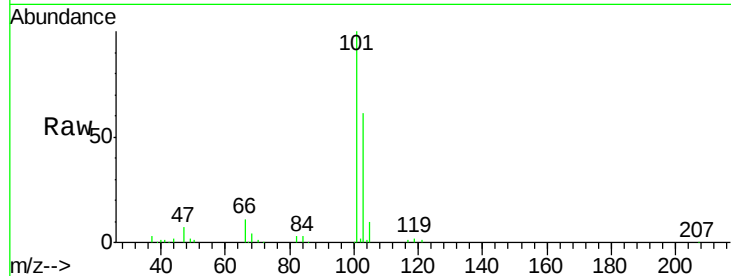
Trichlorofluoromethane
Concen: 11.006 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	50.9	76.3

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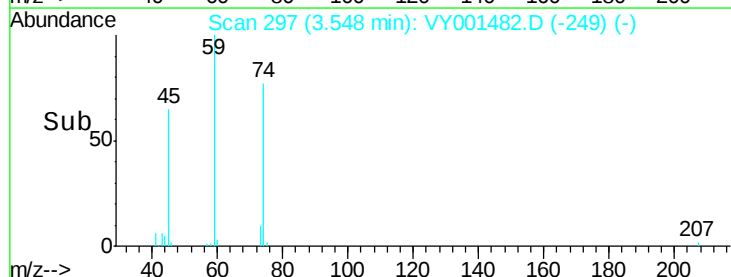
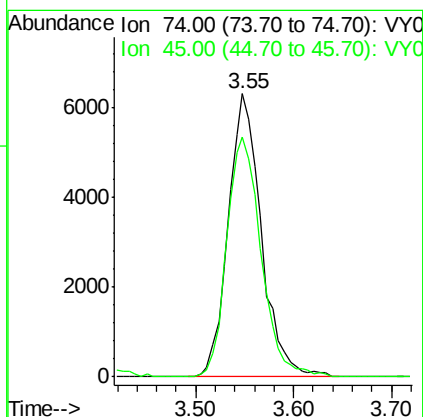
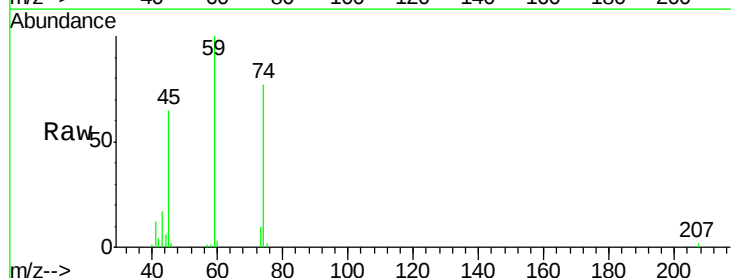
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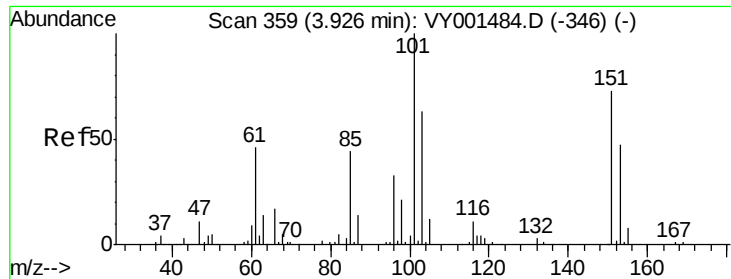


#8

Diethyl Ether
Concen: 8.949 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.511 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

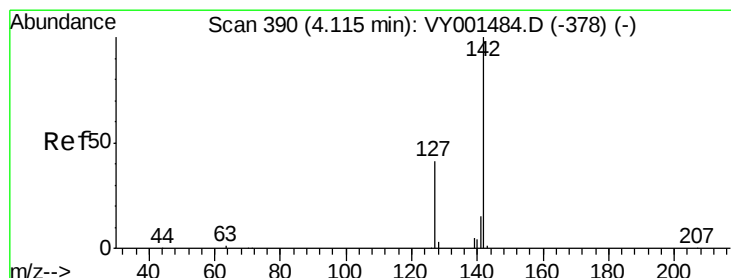
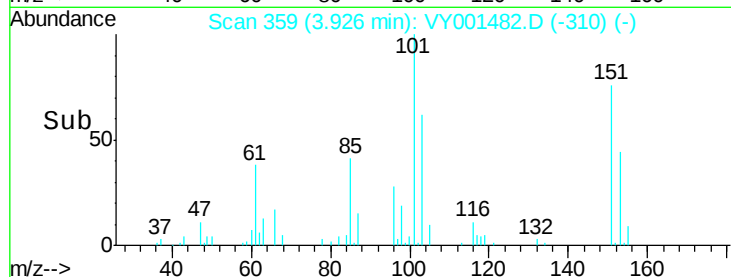
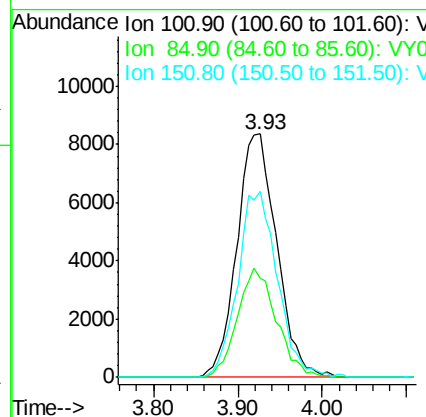
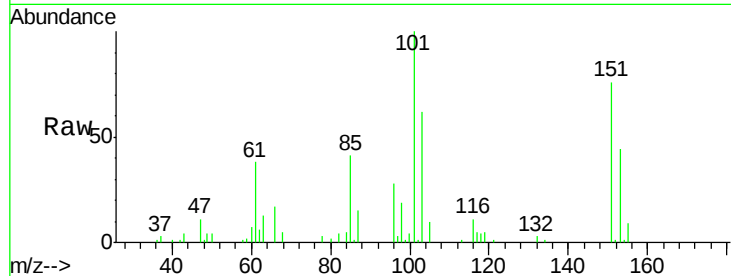
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	26868
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.6	51.8
151	76.1	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 9.705 ug/l

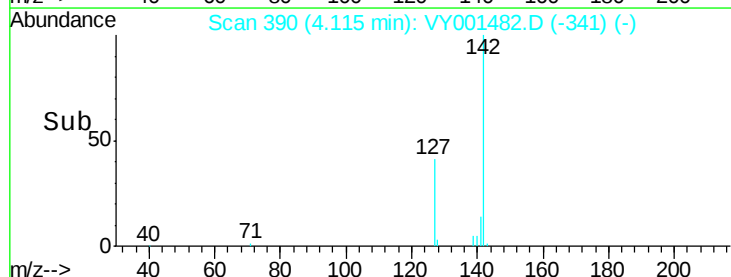
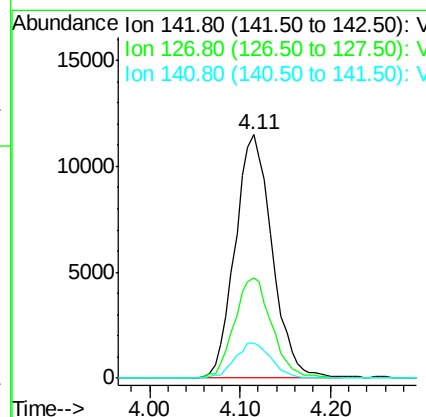
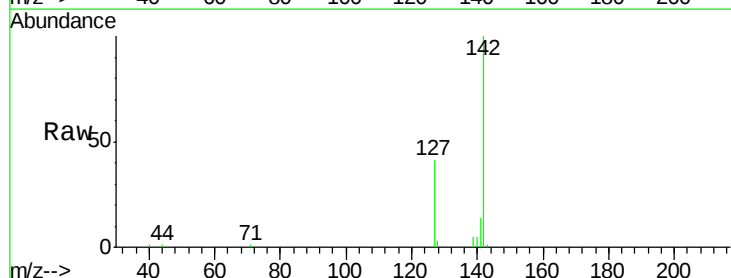
RT: 4.11 min Scan# 390

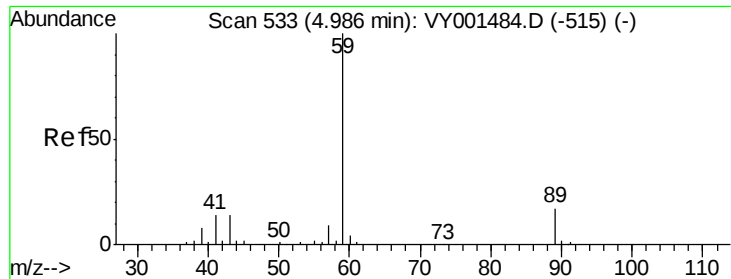
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	142	Resp:	32459
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.3	49.9
141	14.1	11.5	17.3





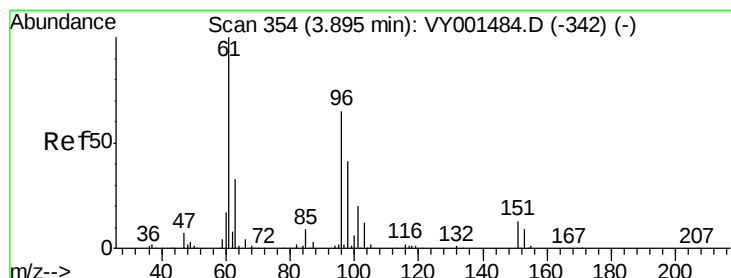
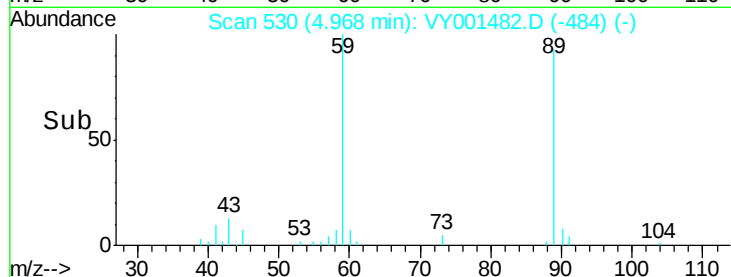
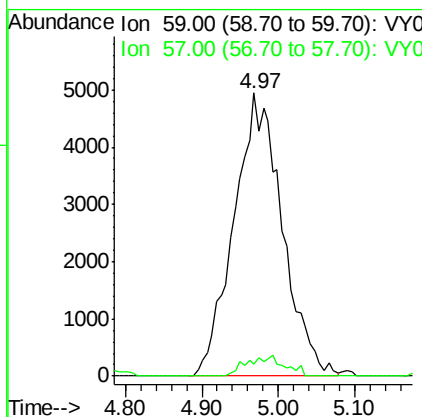
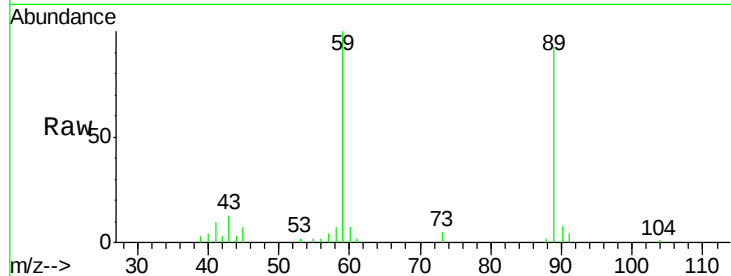
#11
Tert butyl alcohol
Concen: 53.821 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 21689
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.6#

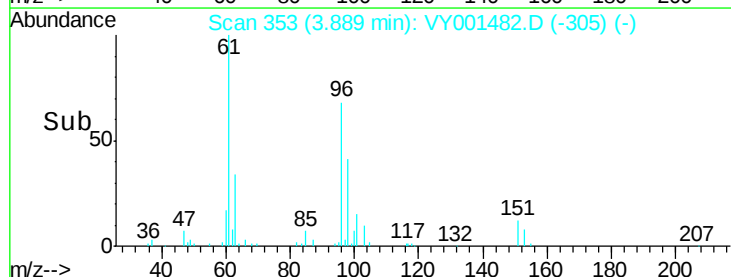
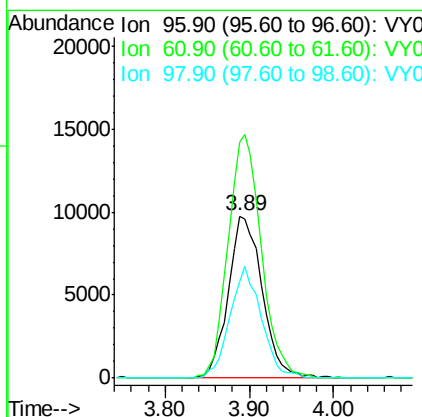
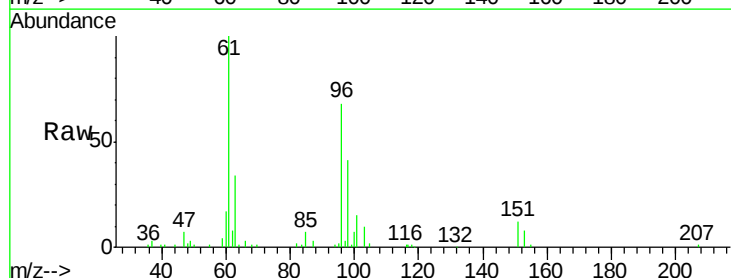
Manual Integrations
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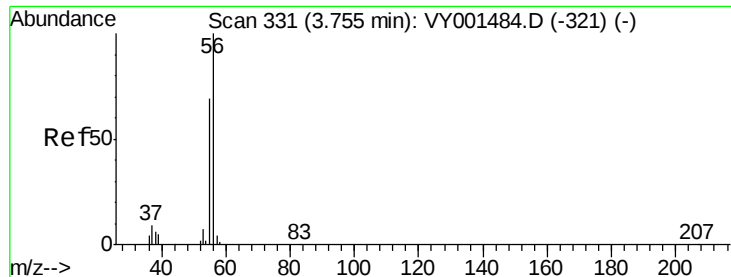
MMDadoda
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#12
1,1-Dichloroethene
Concen: 9.968 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 96 Resp: 26580
Ion Ratio Lower Upper
96 100
61 146.1 122.3 183.5
98 59.7 49.7 74.5





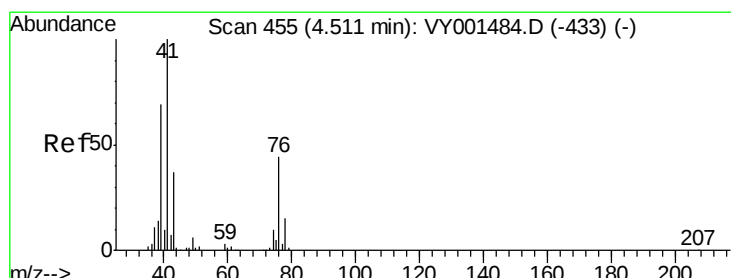
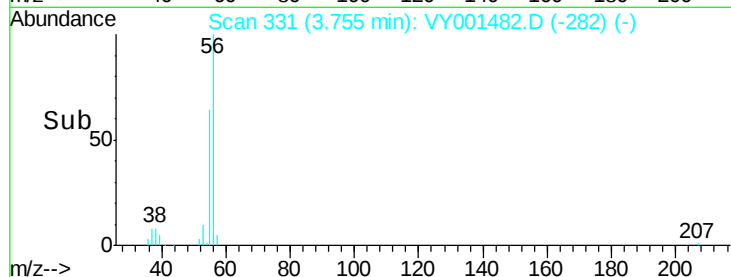
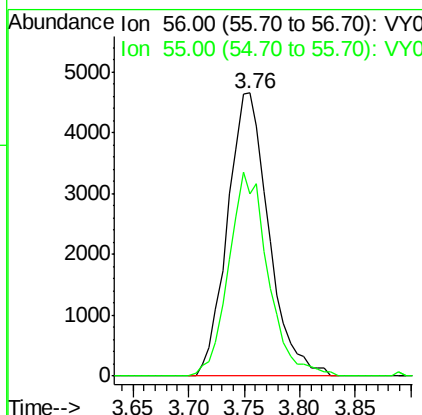
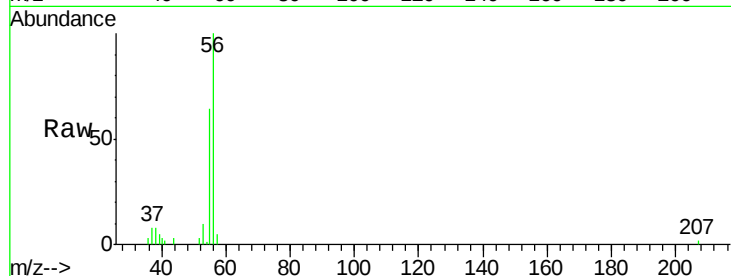
#13
Acrolein
Concen: 51.219 ug/l
RT: 3.76 min Scan# 331
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.6	56.2	84.4

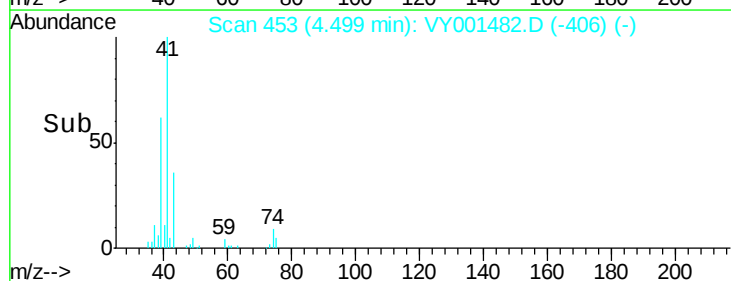
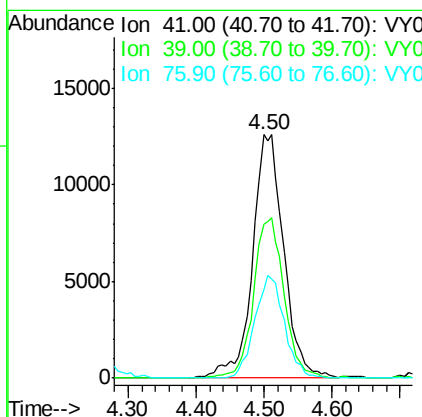
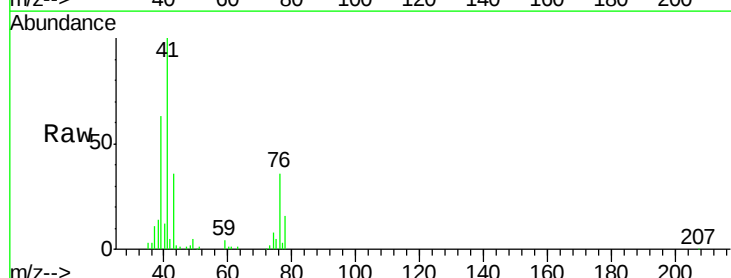
Manual Integrations
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#14
Allyl chloride
Concen: 8.717 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	53.0	79.6
76	39.9	32.6	48.8





#15

Acrylonitrile

Concen: 40.035 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

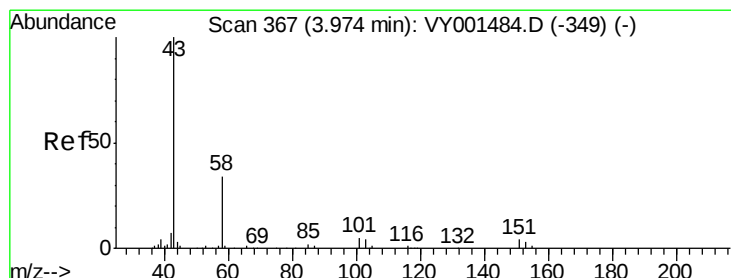
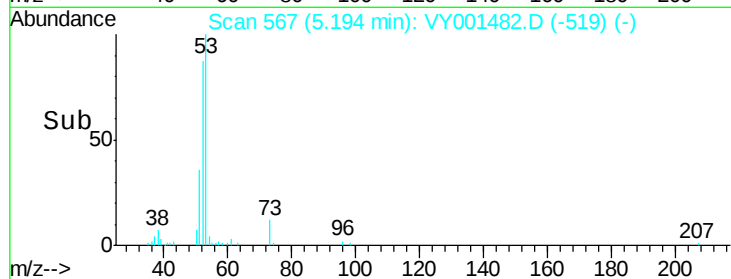
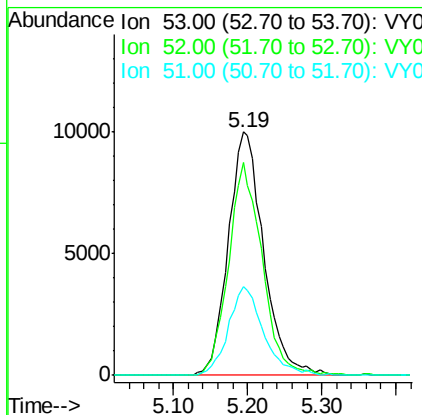
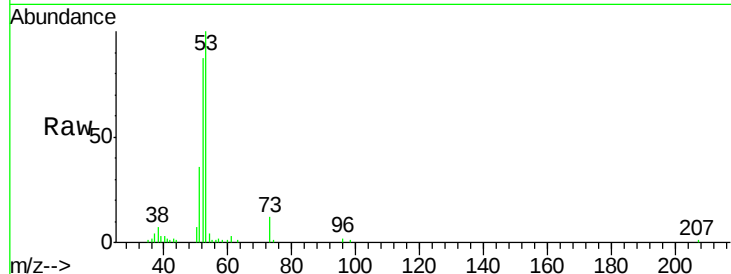
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	33132
Ion Ratio	Lower	Upper	
53	100		
52	83.2	65.4	98.2
51	36.3	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 42.251 ug/l

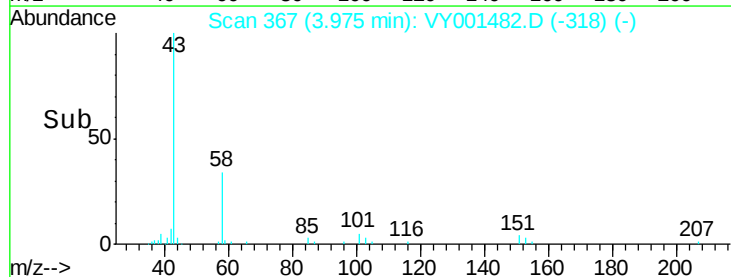
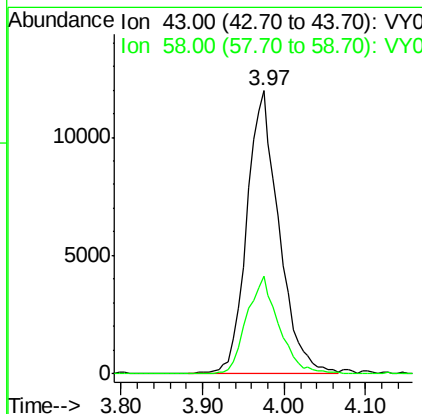
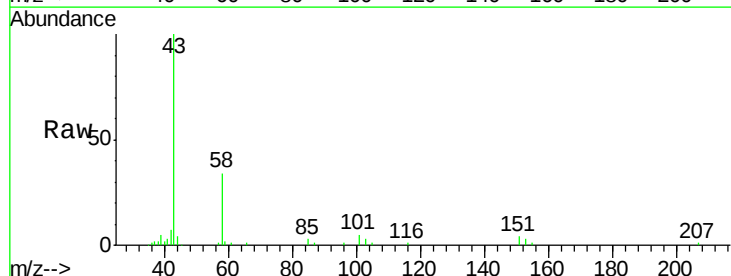
RT: 3.97 min Scan# 367

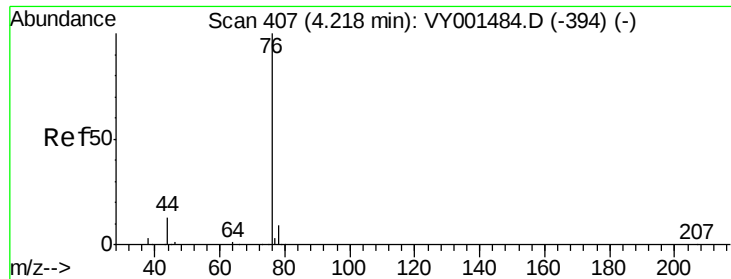
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	43	Resp:	32947
Ion Ratio	Lower	Upper	
43	100		
58	34.5	27.5	41.3





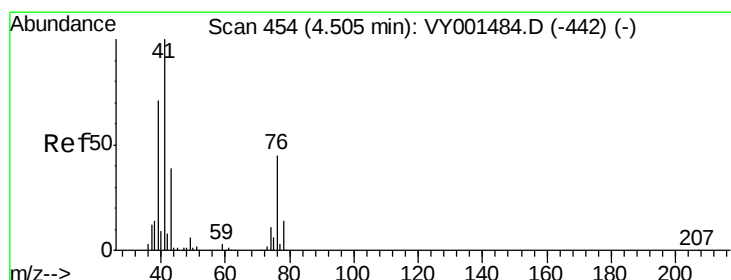
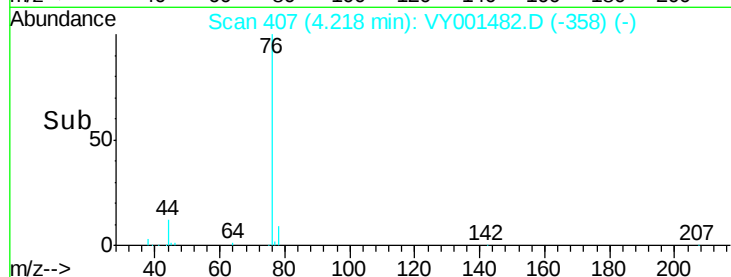
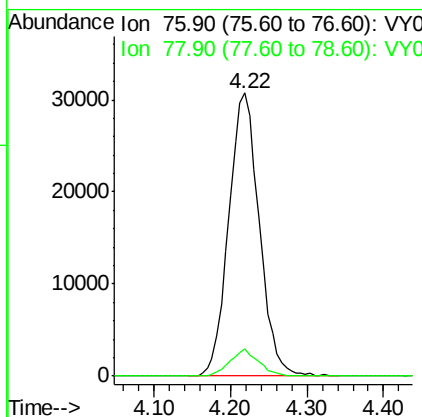
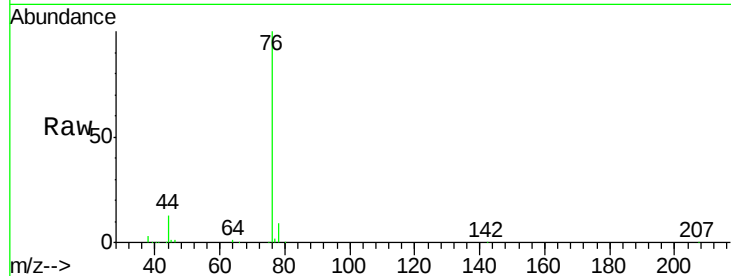
#17
Carbon Disulfide
Concen: 10.078 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

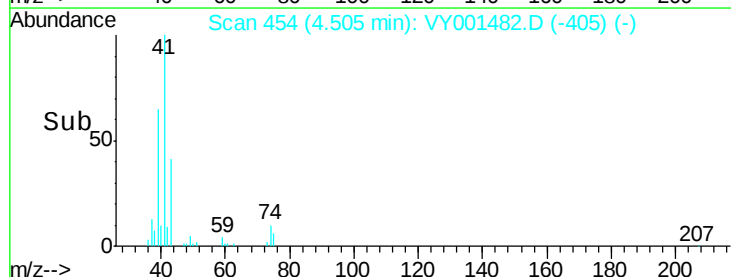
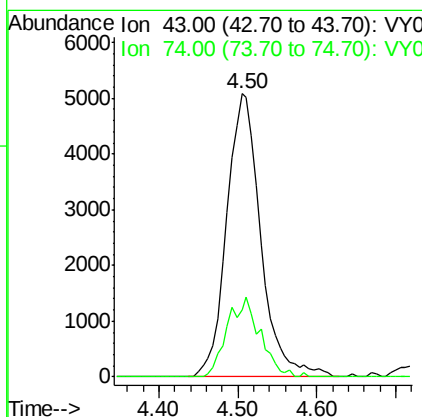
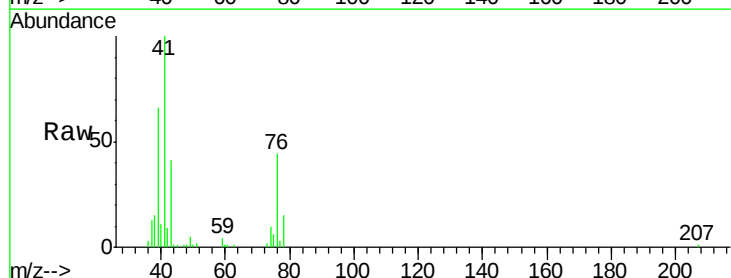
Manual Integrations
APPROVED

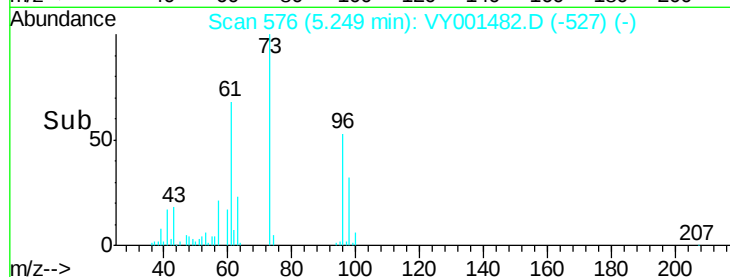
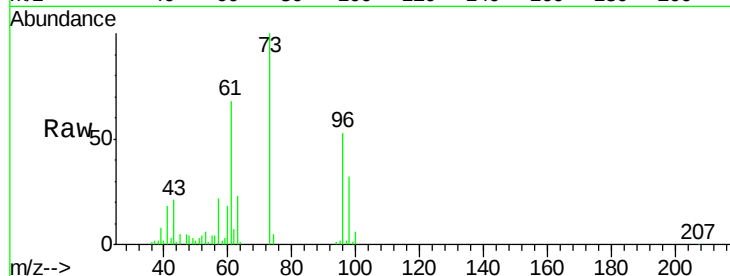
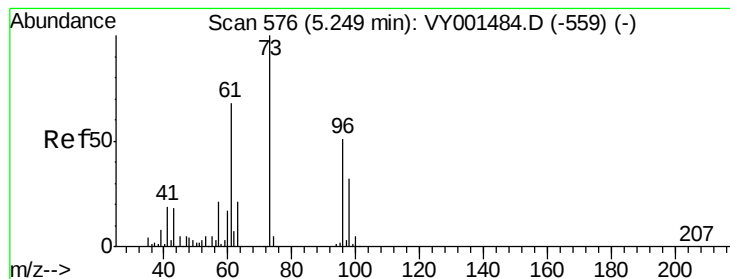
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#18
Methyl Acetate
Concen: 7.003 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.0	31.6





#19

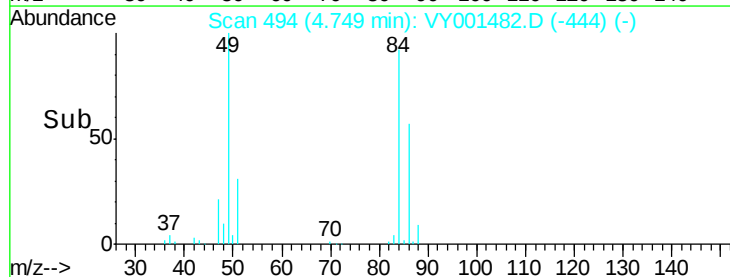
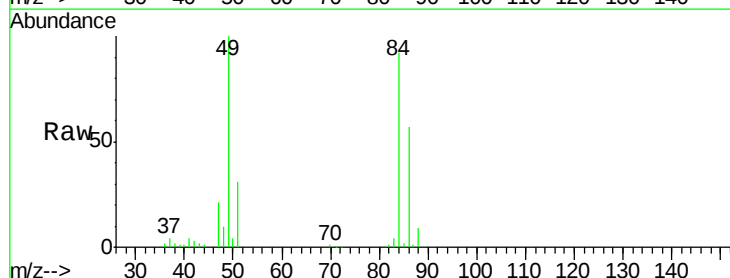
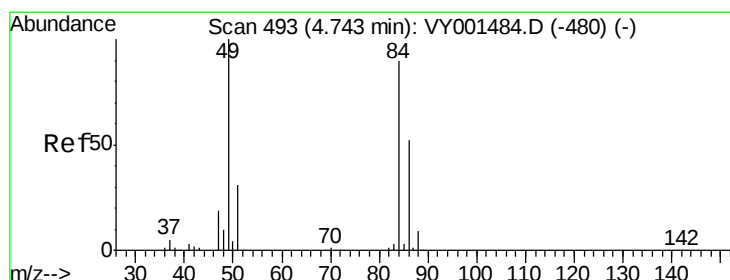
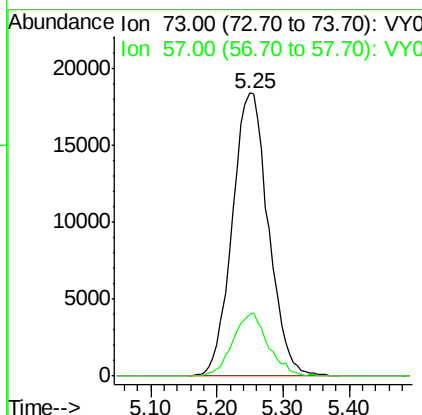
Methyl tert-butyl Ether
Concen: 9.121 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tot Ion	73	Resp	69694
Ion Ratio	100	Lower	Upper
57	22.0	17.0	25.6

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Manual Integrations
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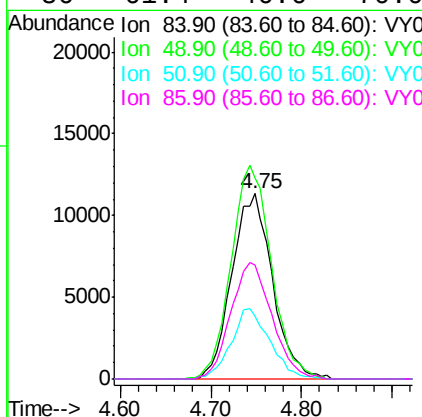
MMDadoda
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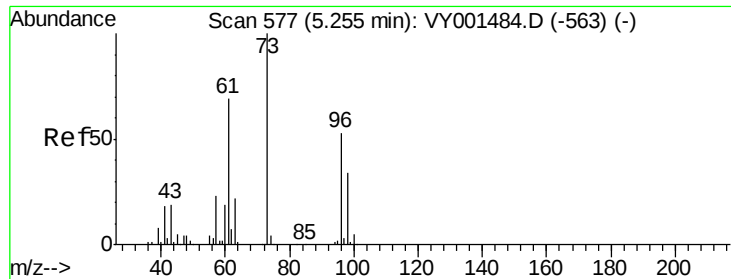


#20

Methylene Chloride
Concen: 8.503 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	84	Resp	35223
Ion Ratio	100	Lower	Upper
49	108.3	89.0	133.6
51	34.1	27.4	41.2
86	61.4	46.6	70.0





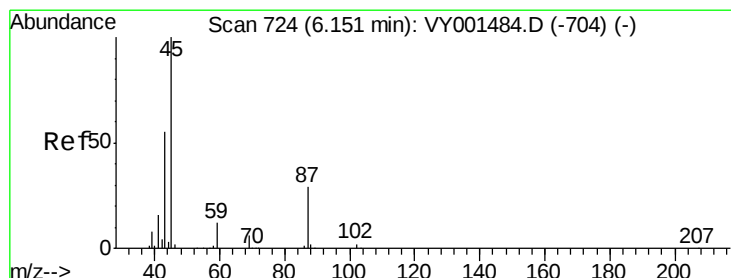
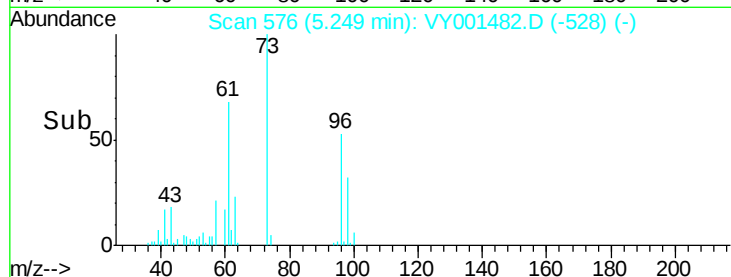
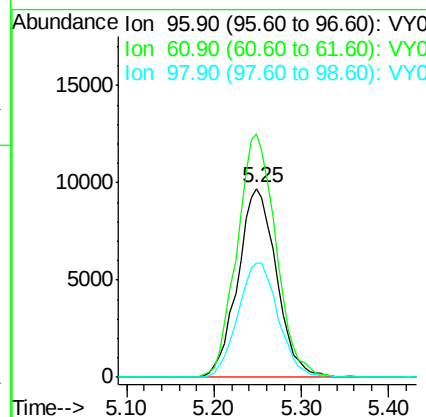
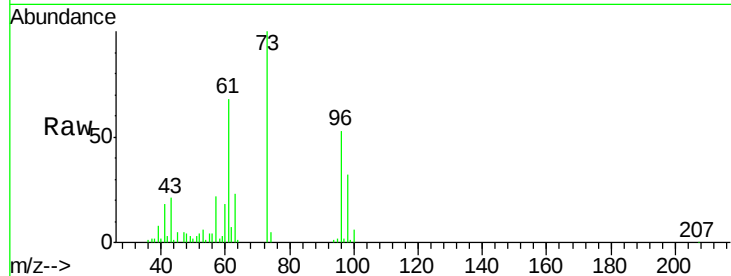
#21
trans-1,2-Dichloroethene
Concen: 9.707 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	104.2	156.4
98	60.6	51.4	77.0

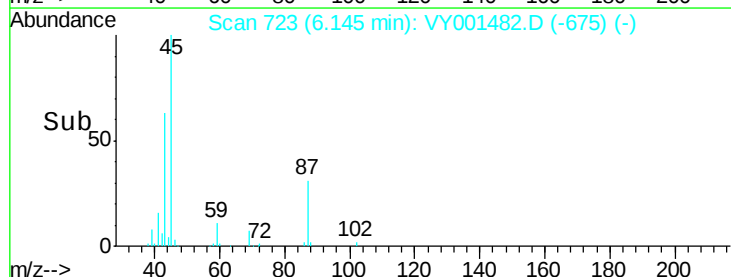
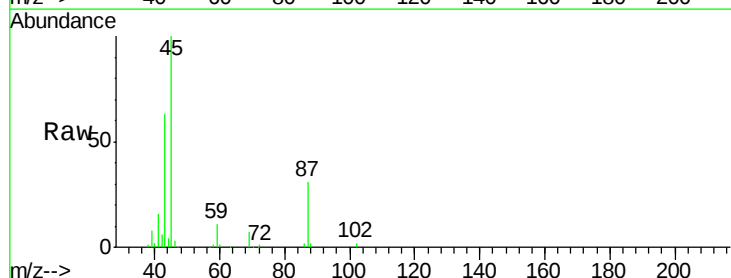
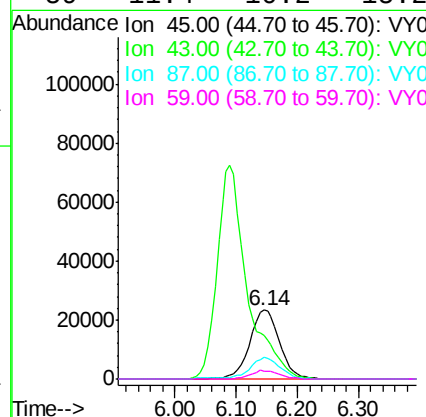
Manual Integrations
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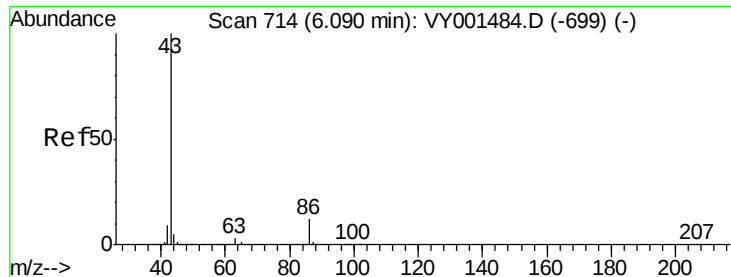
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#22
Diisopropyl ether
Concen: 8.159 ug/l
RT: 6.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.4	44.2	66.4
87	30.7	23.9	35.9
59	11.4	10.2	15.2





#23

Vinyl Acetate

Concen: 39.452 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 248188

Ion Ratio Lower Upper

43 100

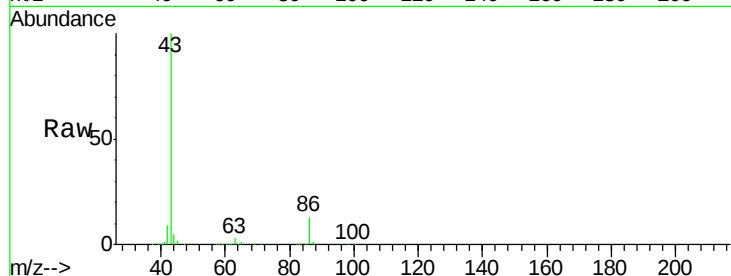
86 12.6 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

80000

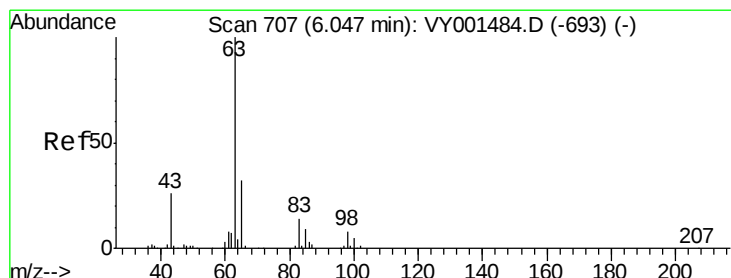
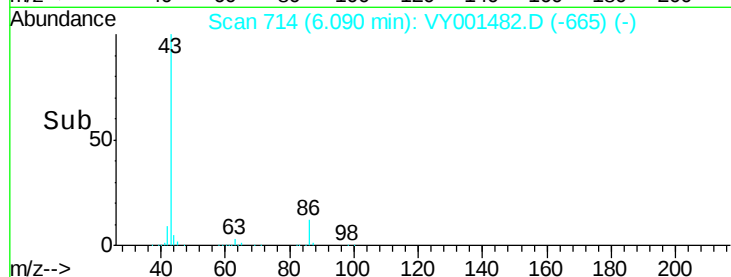
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 9.254 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

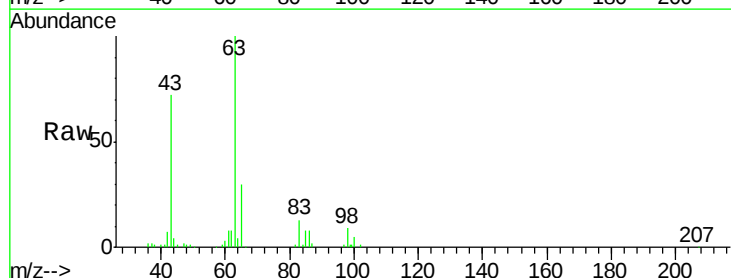
Tgt Ion: 63 Resp: 48424

Ion Ratio Lower Upper

63 100

98 9.2 4.0 11.9

100 5.1 2.6 8.0



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

6.05

20000

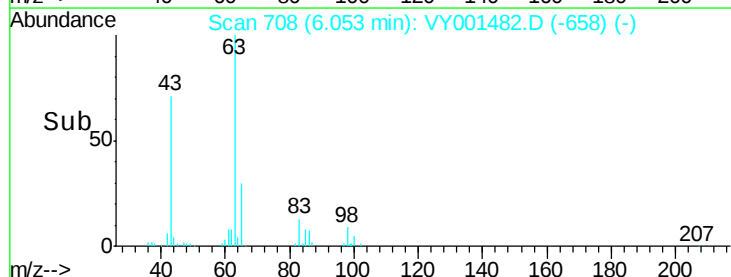
15000

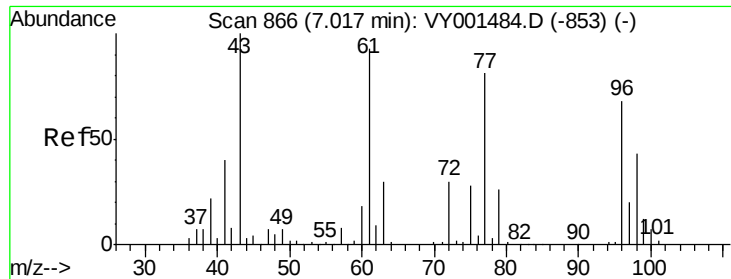
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 39.183 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 44833

Ion Ratio Lower Upper

43 100

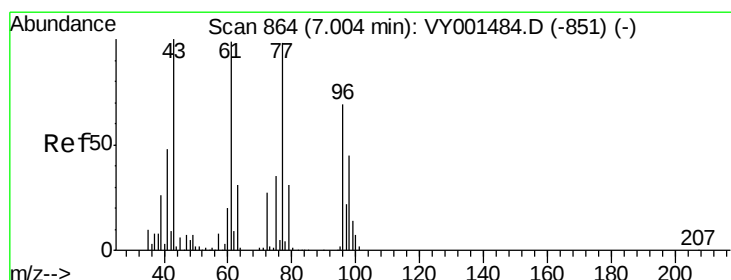
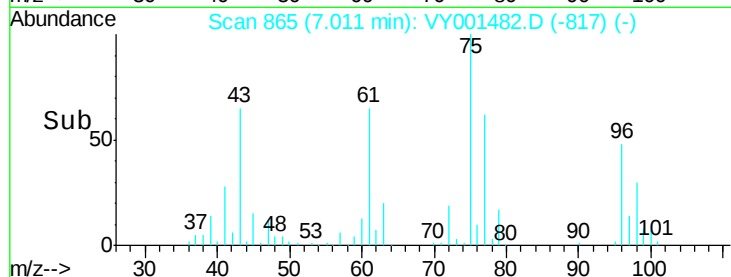
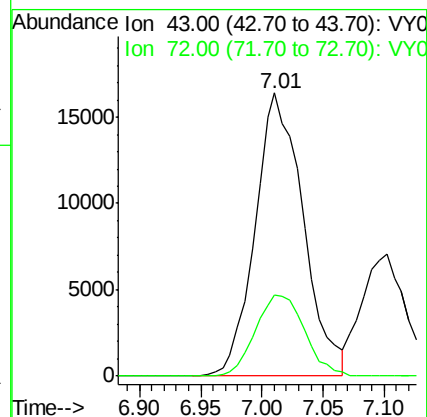
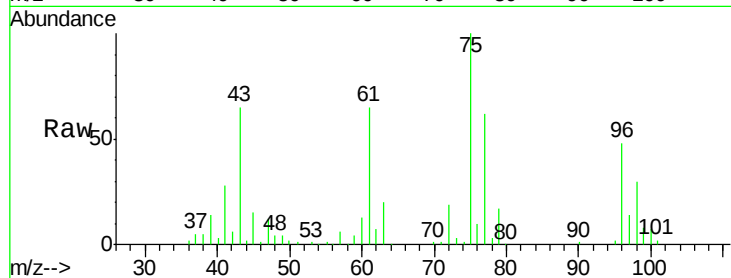
72 28.7 23.8 35.8

Manual Integrations

APPROVED

MMDadoda

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#26

2,2-Dichloropropane

Concen: 10.225 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001482.D

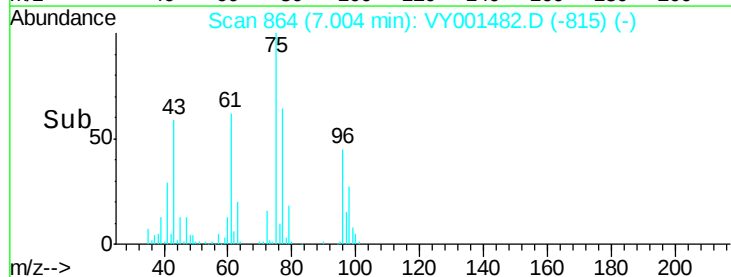
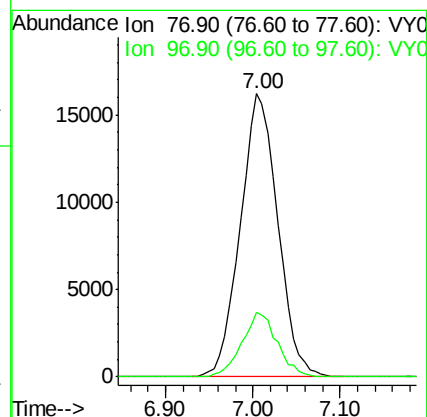
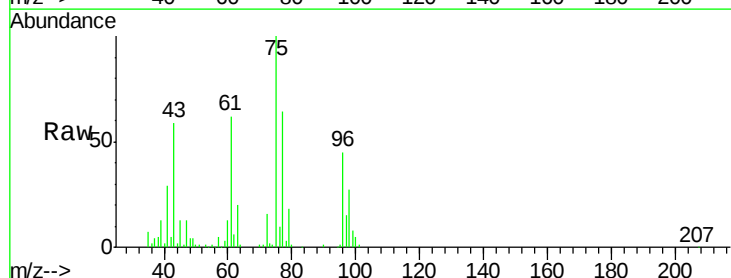
Acq: 04 Feb 2020 13:16

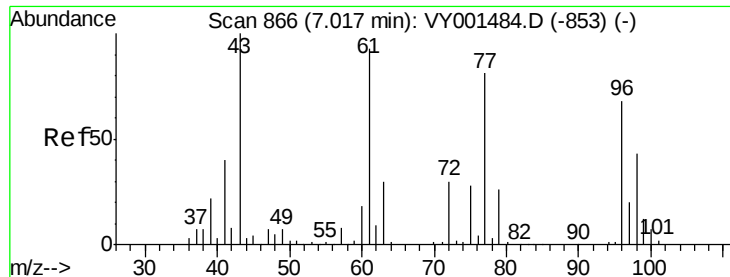
Tgt Ion: 77 Resp: 48161

Ion Ratio Lower Upper

77 100

97 21.5 11.7 35.0





#27

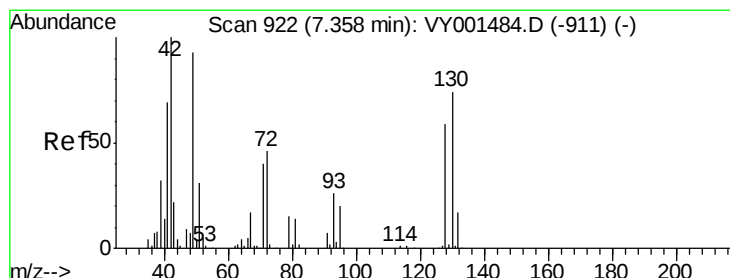
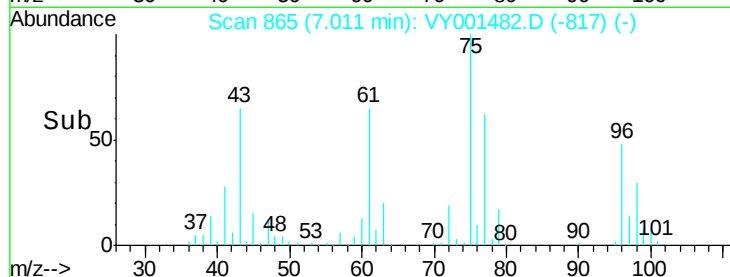
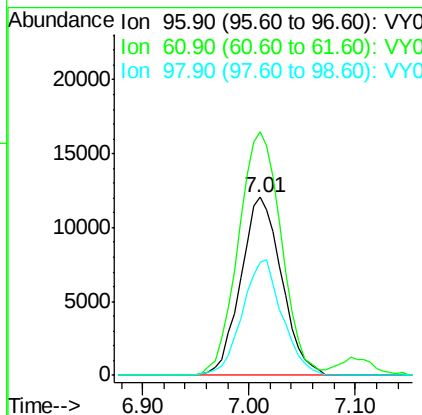
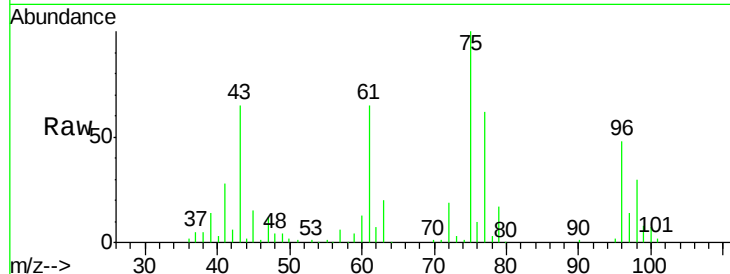
cis-1,2-Dichloroethene
Concen: 9.536 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	278.8
98	63.3	0.0	128.8

Manual Integrations
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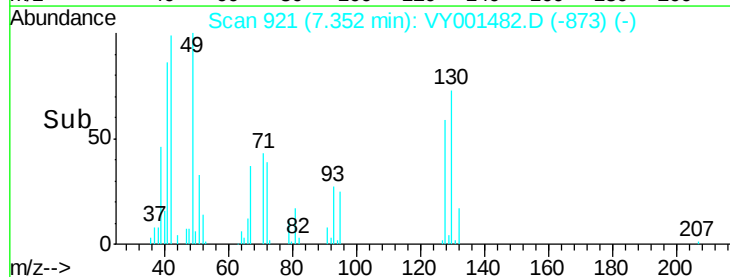
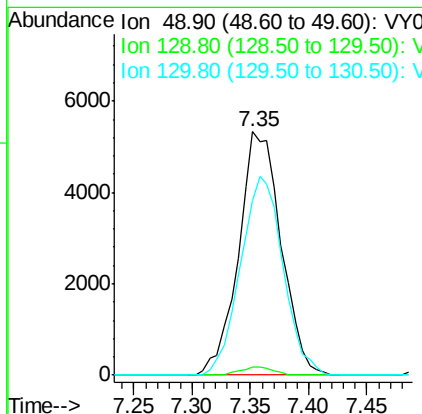
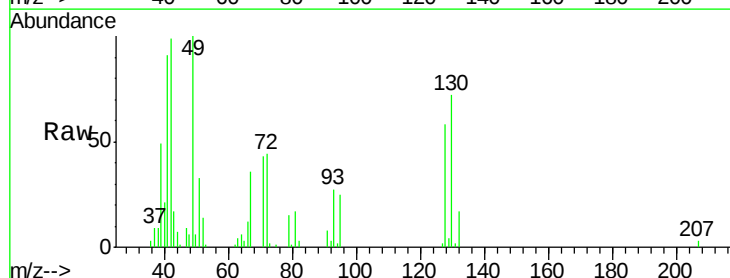
MMDadoda
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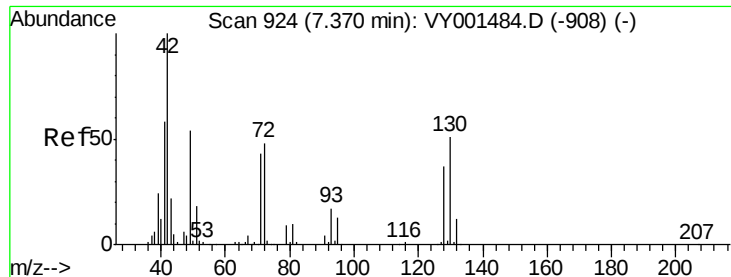


#28

Bromochloromethane
Concen: 6.394 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	81.9	65.4	98.2





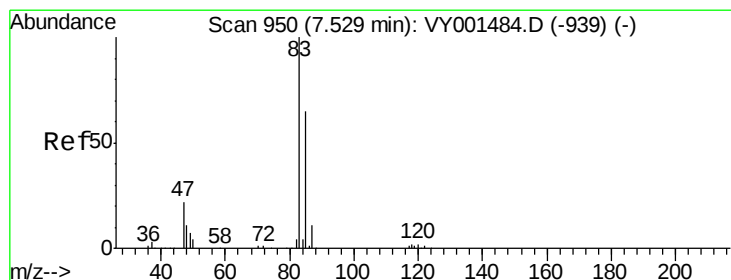
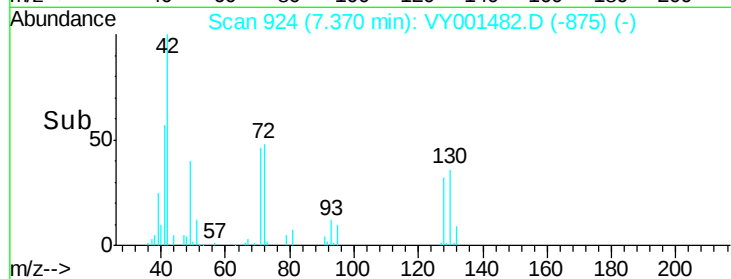
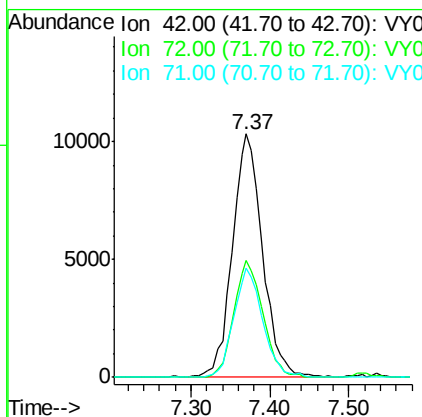
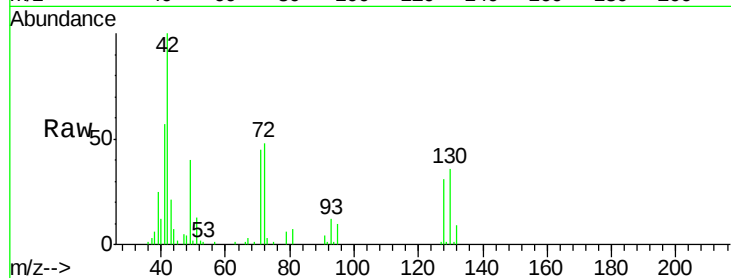
#29
Tetrahydrofuran
Concen: 37.193 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.8	56.6
71	43.1	34.8	52.2

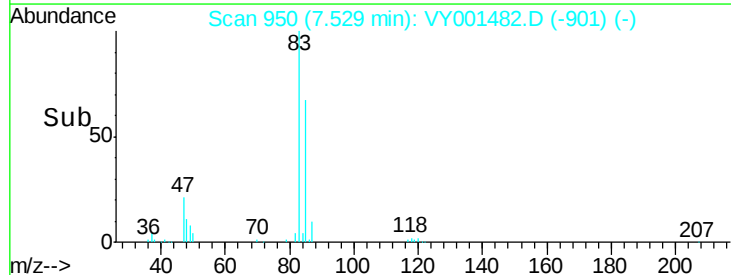
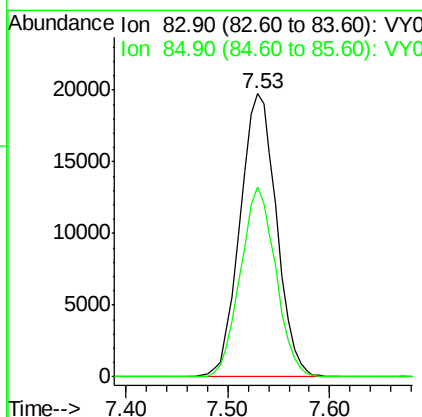
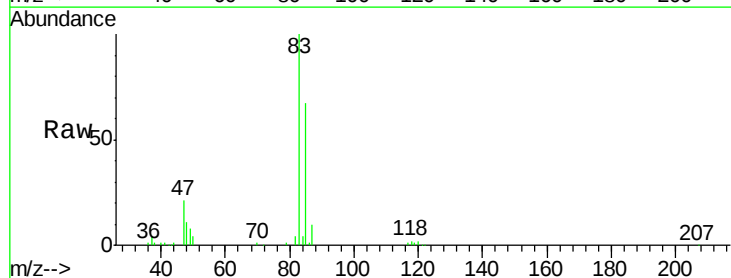
Manual Integrations
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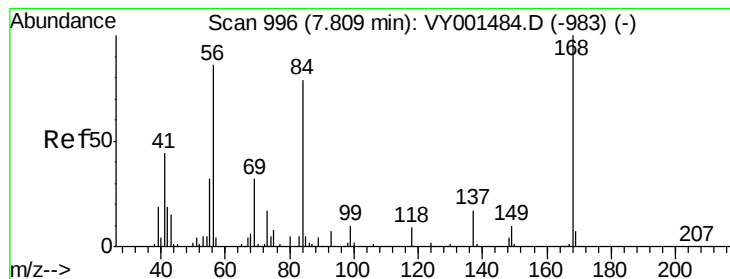
MMDadoda
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#30
Chloroform
Concen: 9.480 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.4	78.6





#31

Cyclohexane

Concen: 9.938 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

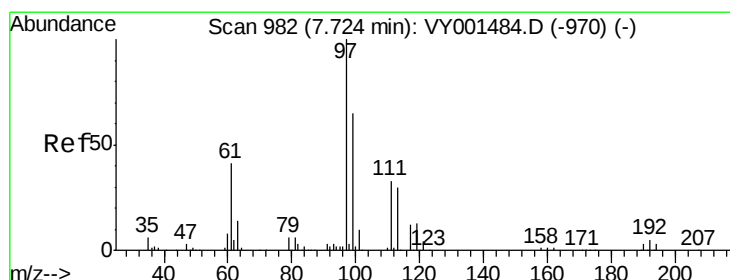
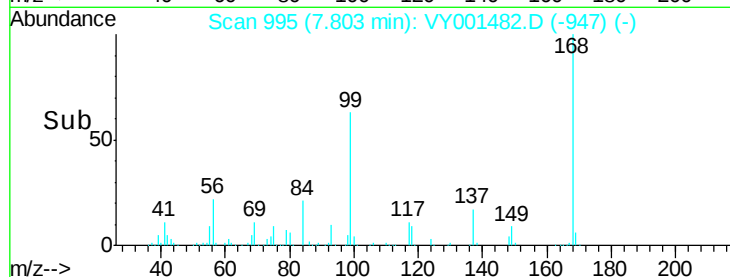
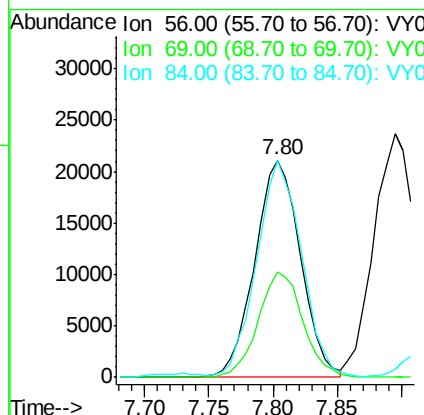
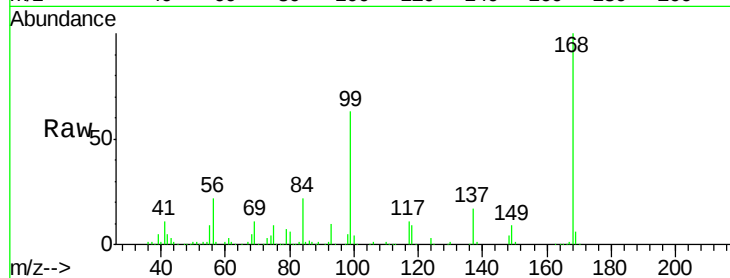
ClientSampleId :

VSTDIC010

Tot Ion:	56	Resp:	51927
Ion Ratio	Lower	Upper	
56	100		
69	48.7	29.6	44.4#
84	99.1	73.6	110.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 10.019 ug/l

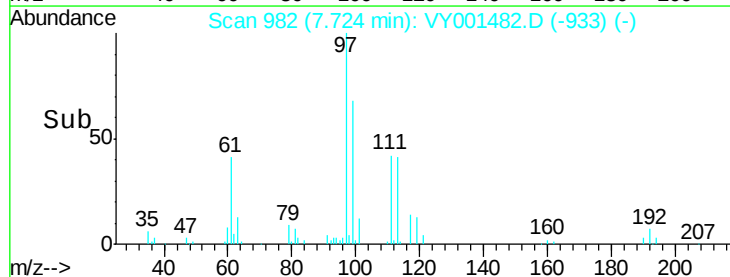
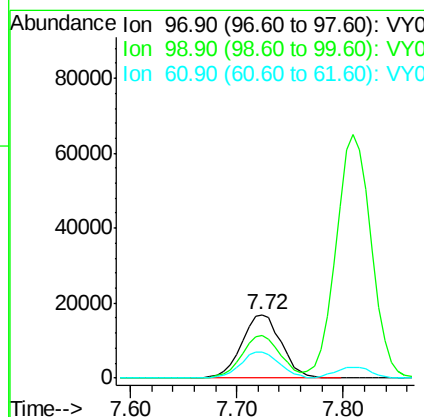
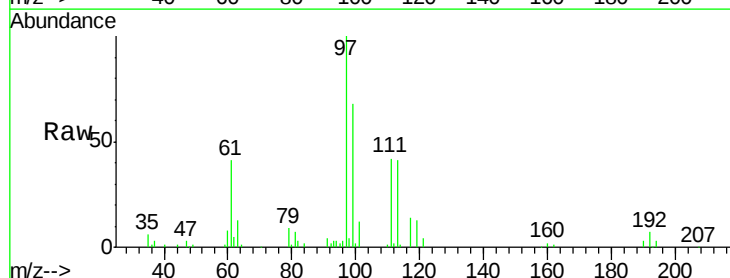
RT: 7.72 min Scan# 982

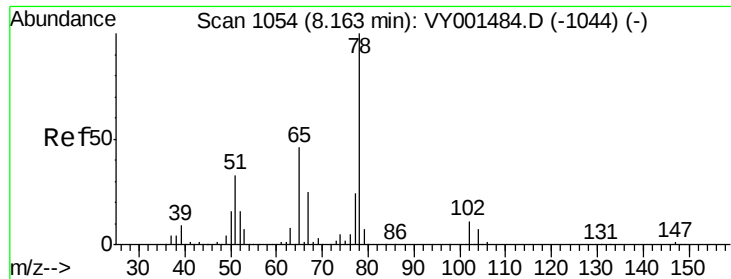
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	97	Resp:	44177
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.8	77.8
61	40.8	32.5	48.7





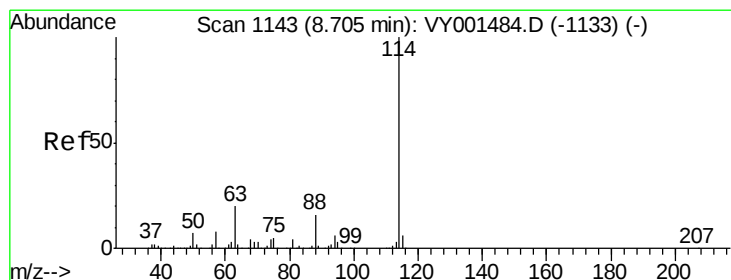
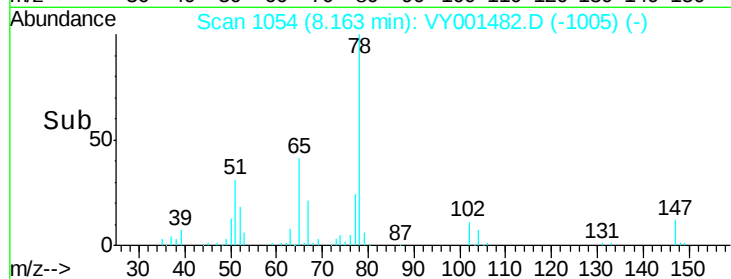
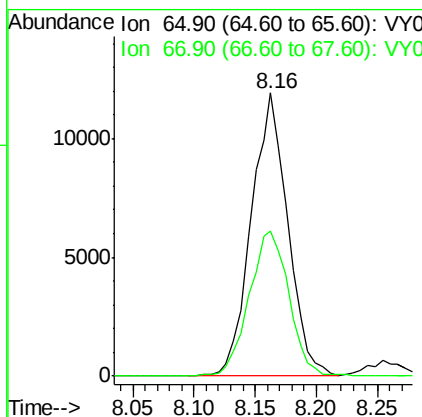
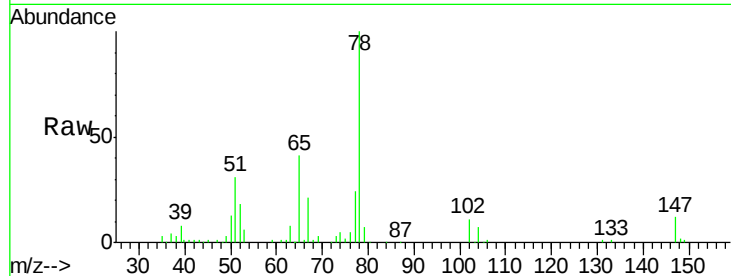
#33
 1,2-Dichloroethane-d4
 Concen: 9.258 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	24691		
67	56.1	0.0	108.6	

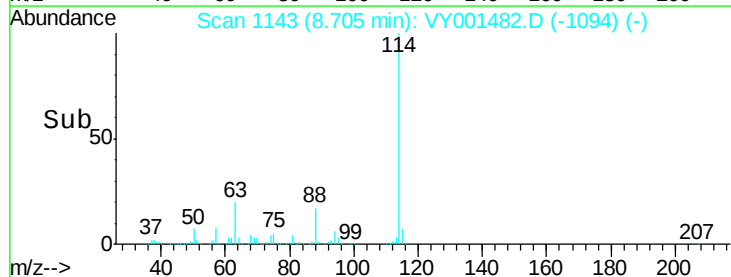
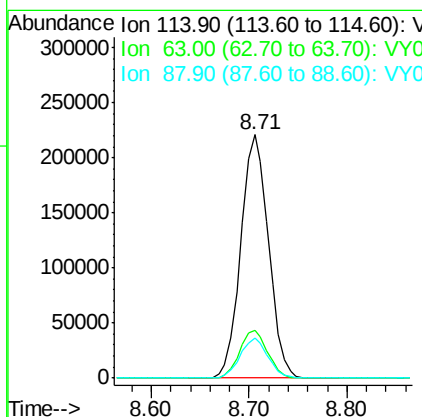
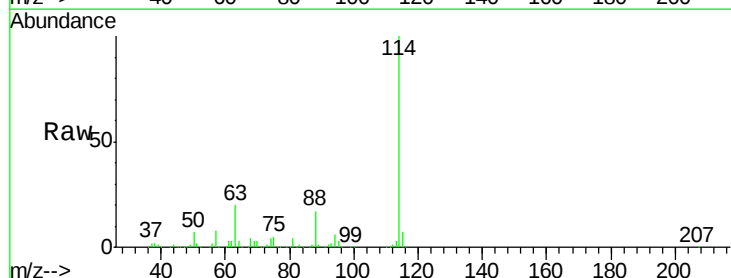
Manual Integrations
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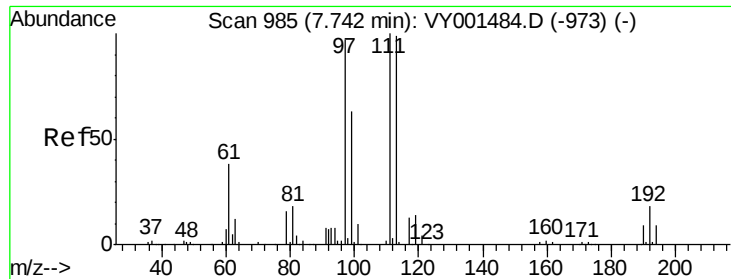
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	432318		
63	19.6	0.0	39.8	
88	16.6	0.0	32.6	





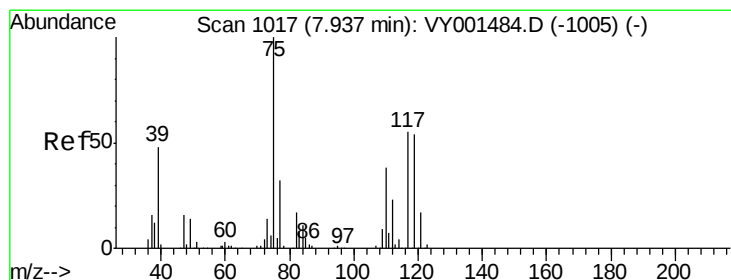
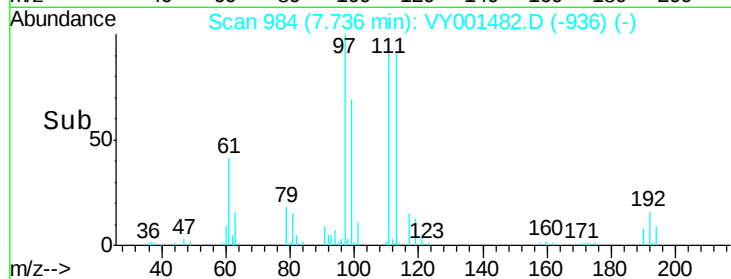
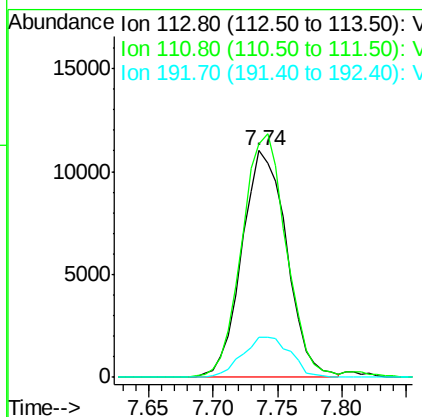
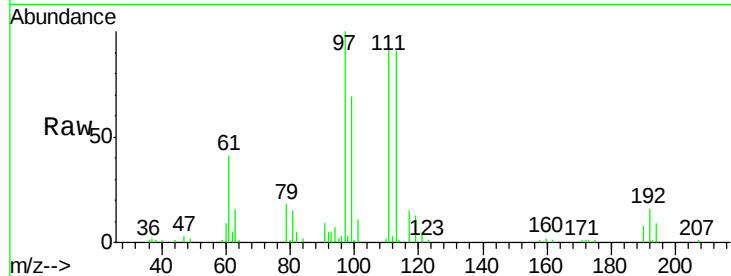
#35
Dibromofluoromethane
Concen: 10.529 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.9	124.3
192	19.0	14.6	22.0

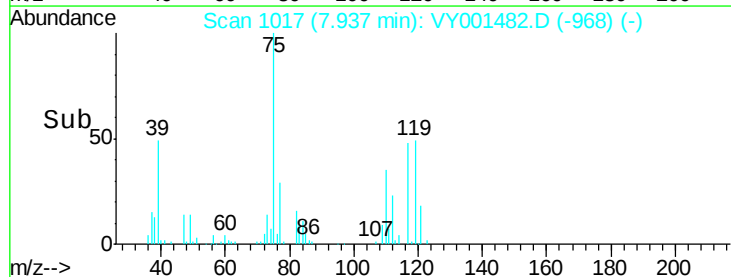
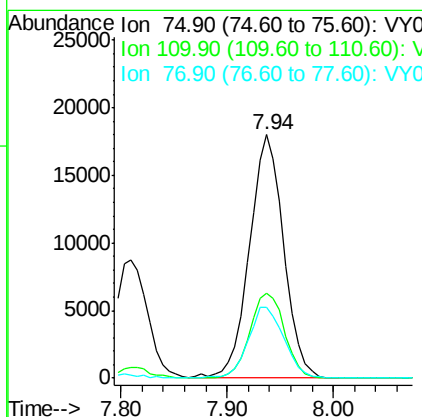
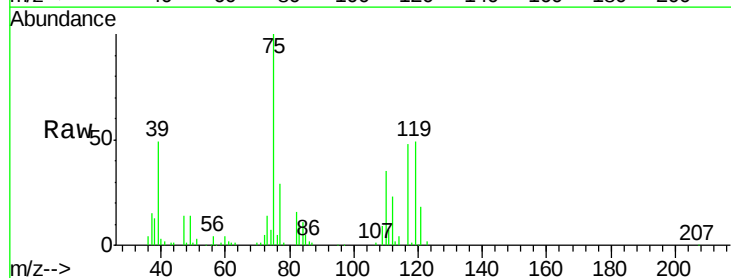
Manual Integrations
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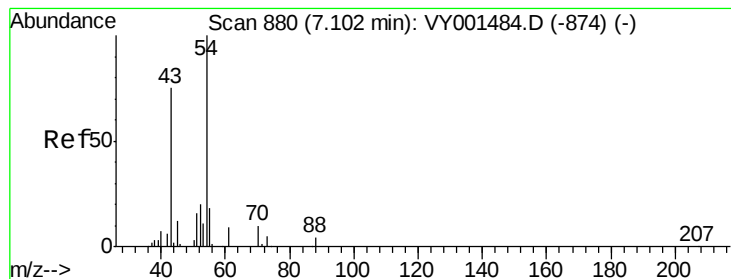
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#36
1,1-Dichloropropene
Concen: 9.905 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.2	54.6
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 7.661 ug/l

RT: 7.10 min Scan# 880

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

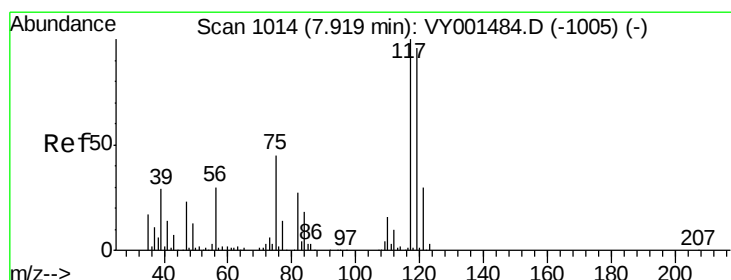
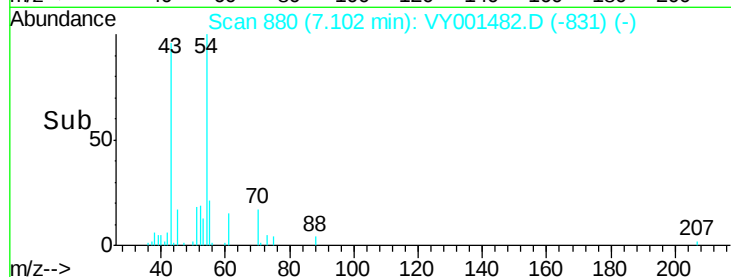
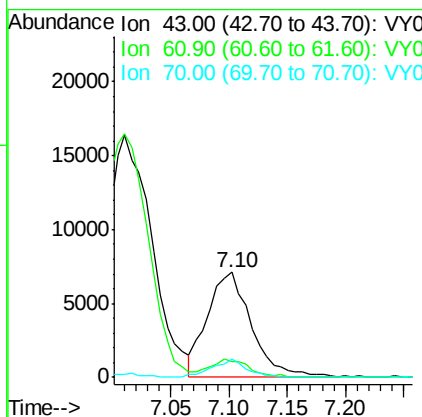
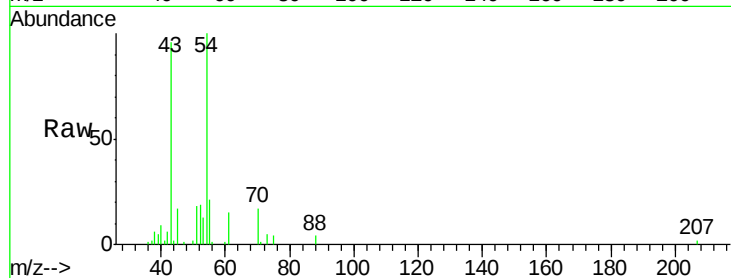
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	18347
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.0	18.0
70	13.6	10.2	15.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 10.351 ug/l

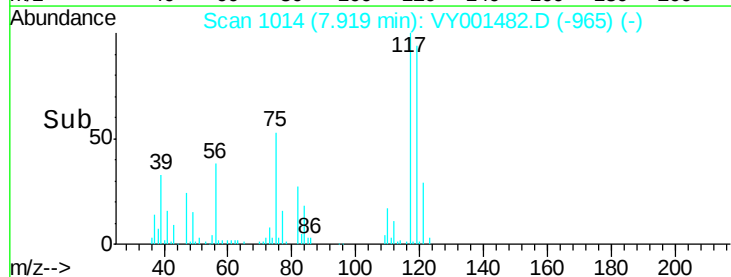
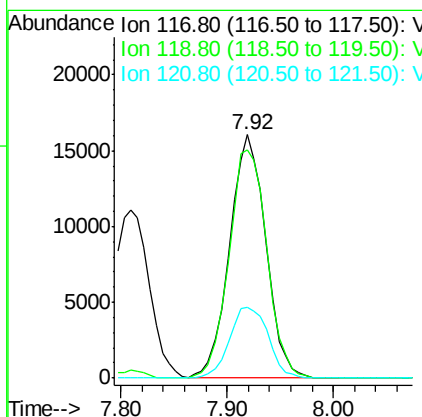
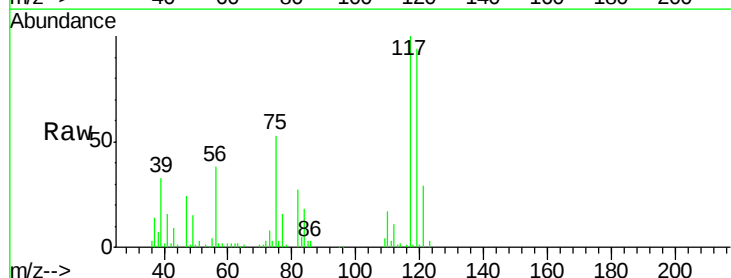
RT: 7.92 min Scan# 1014

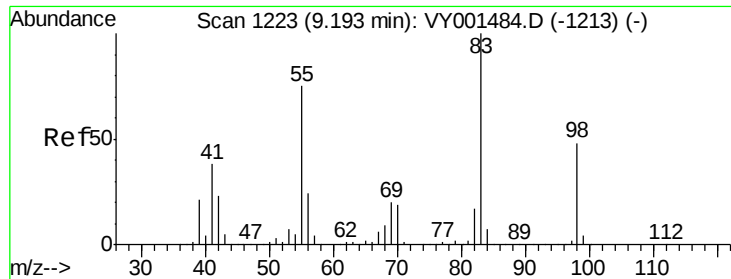
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	117	Resp:	38287
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.4	114.6
121	28.9	24.2	36.4





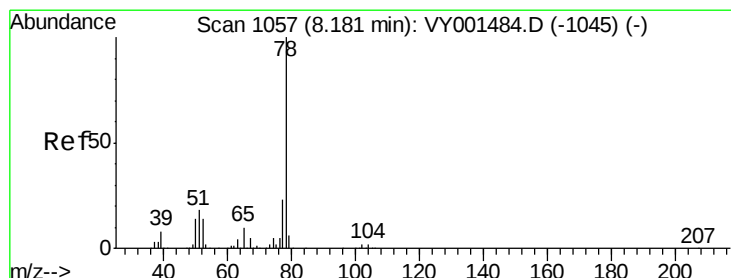
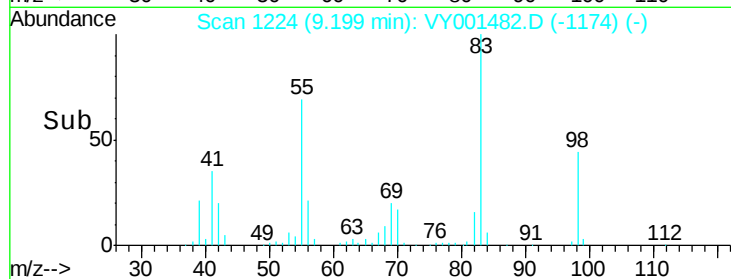
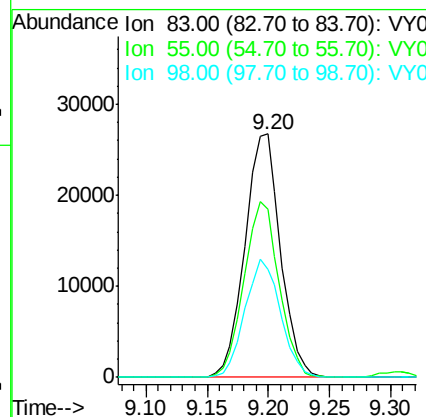
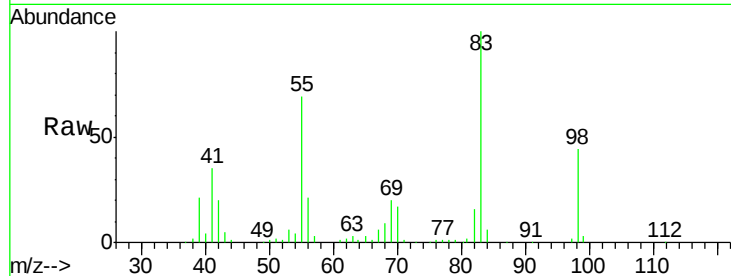
#39
Methvlcvclohexane
Concen: 10.274 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	54141
Ion Ratio	100	Lower	Upper
83	100		
55	69.2	59.8	89.6
98	44.5	38.6	57.8

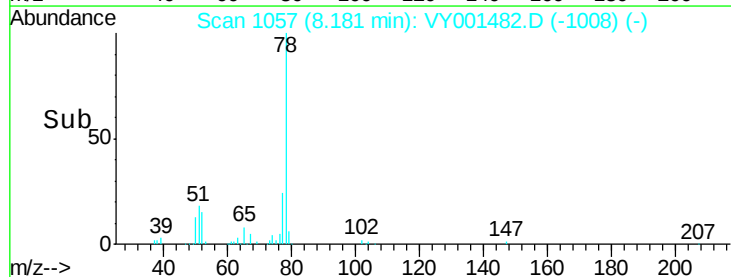
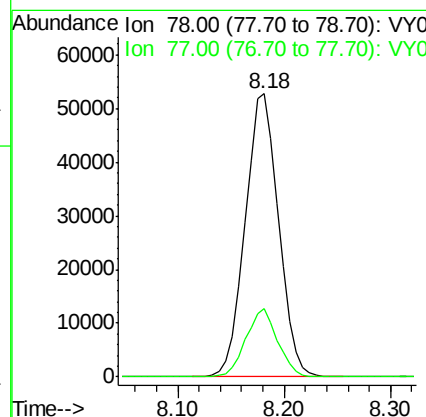
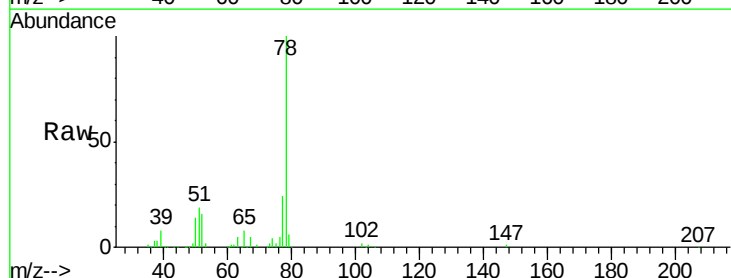
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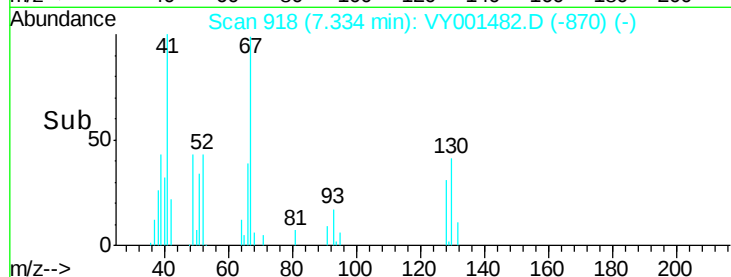
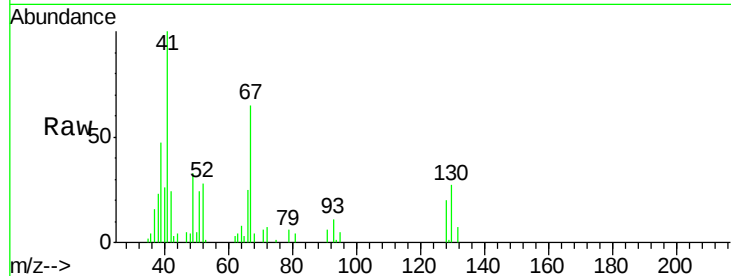
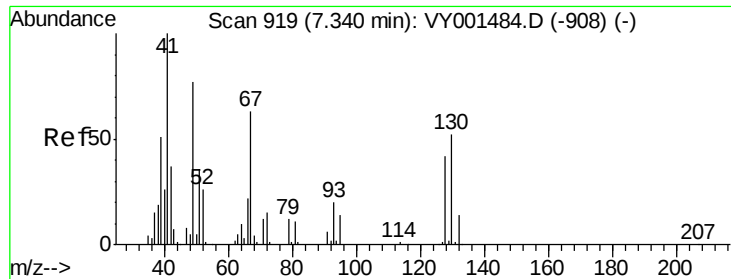
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#40
Benzene
Concen: 9.548 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	78	Resp	116144
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.5	27.7





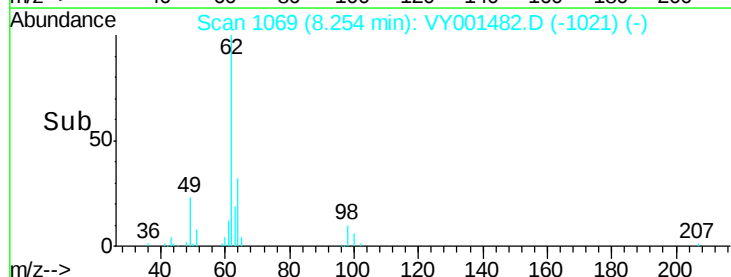
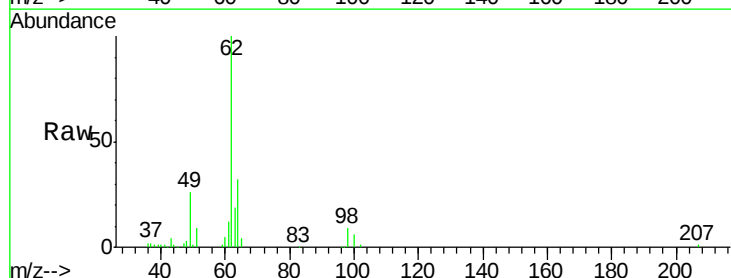
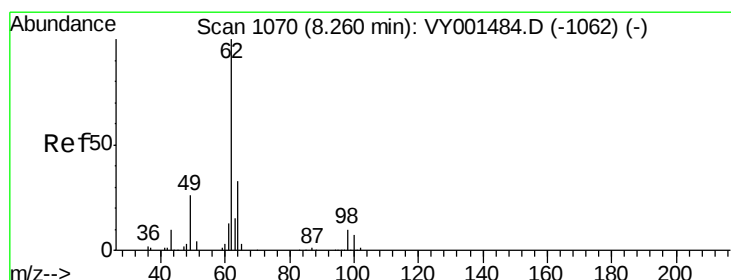
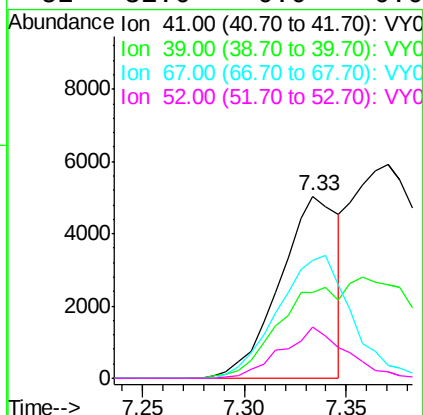
#41
Methacrylonitrile
Concen: 8.214 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	84.7	0.0	0.0#
52	31.6	0.0	0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

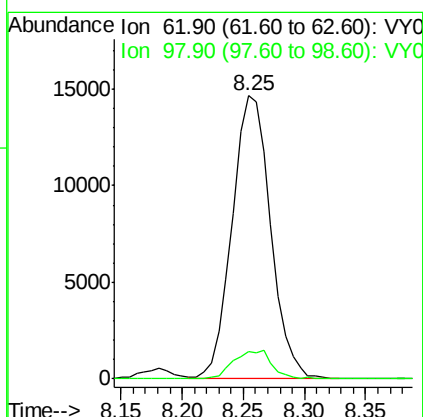
Manual Integrations
APPROVED

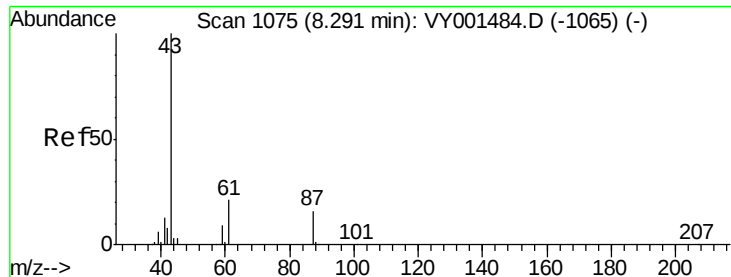
MMDadoda
2/5/2020 12:23:35 PM



#42
1,2-Dichloroethane
Concen: 9.473 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0





#43

Isopropyl Acetate

Concen: 7.884 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

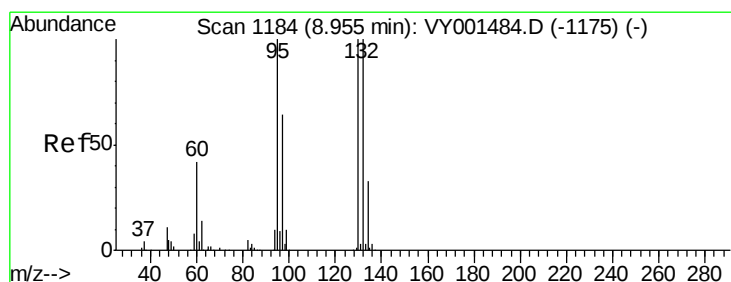
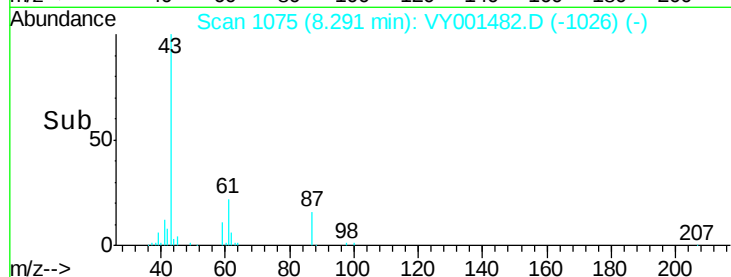
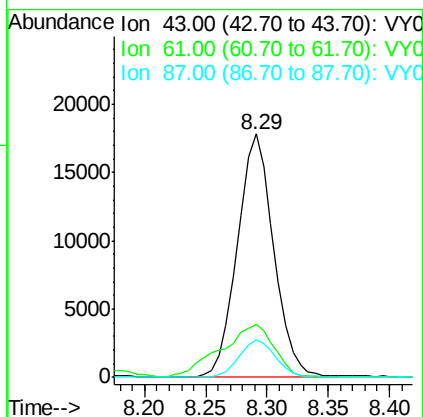
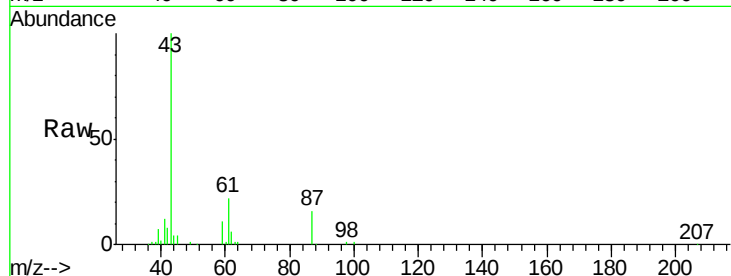
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	36723
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.1	37.7
87	15.5	12.6	19.0

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#44

Trichloroethene

Concen: 9.969 ug/l

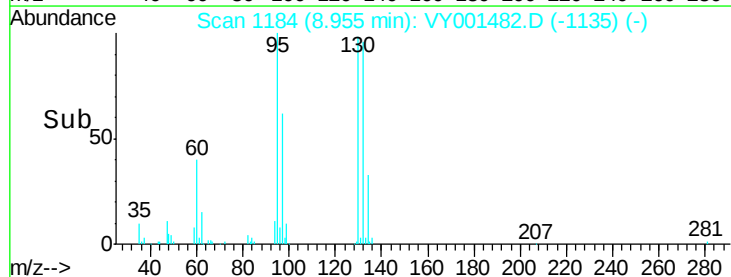
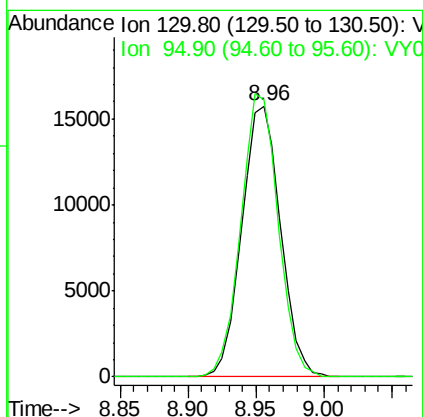
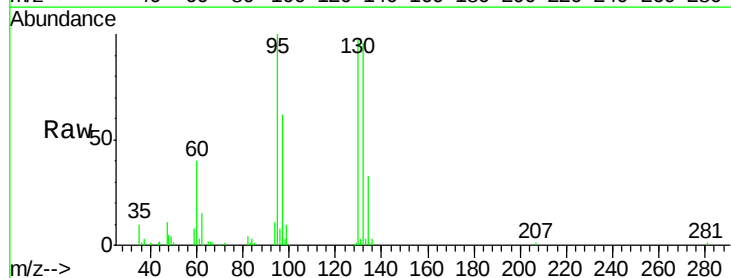
RT: 8.96 min Scan# 1184

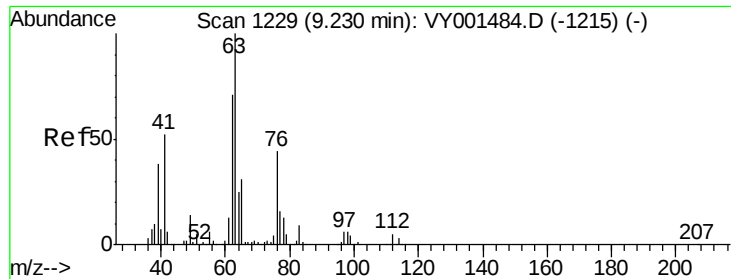
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	130	Resp:	31409
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	199.2





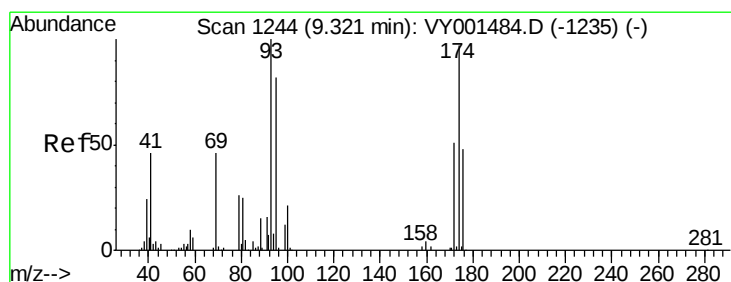
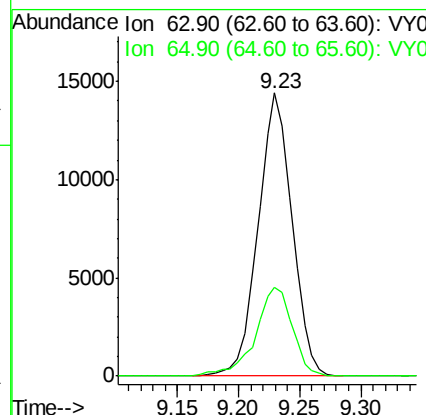
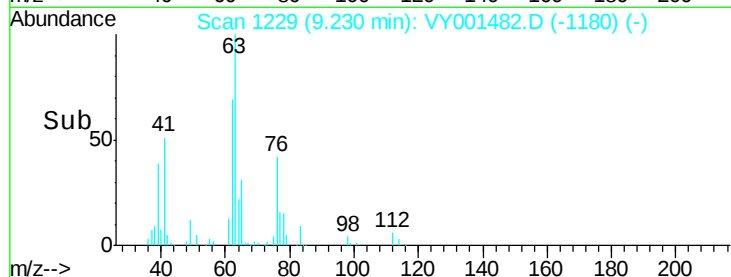
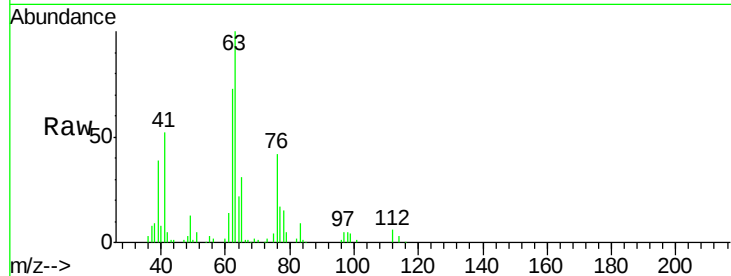
#45
 1,2-Dichloropropane
 Concen: 9.134 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 27817
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

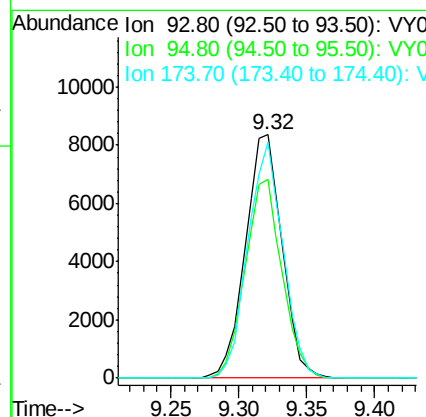
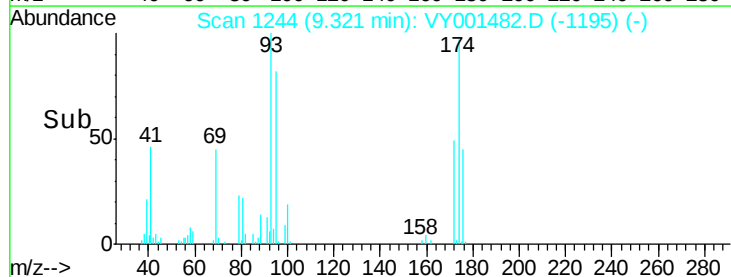
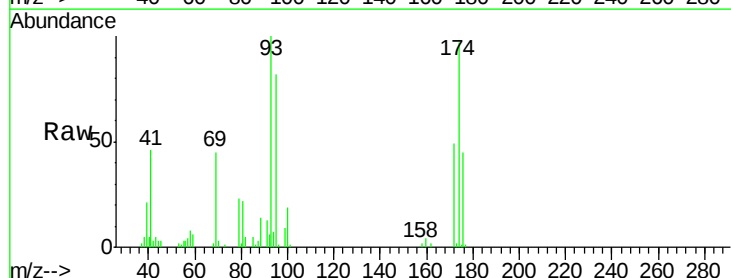
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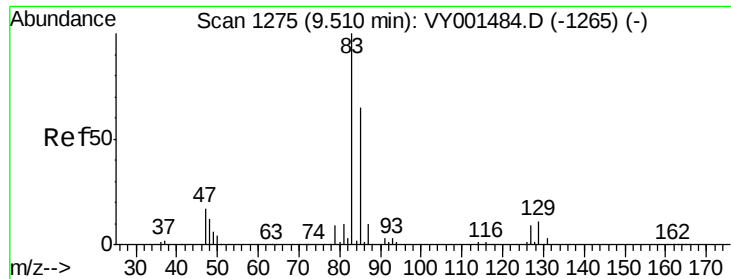
MMDadoda
 2/5/2020 12:23:35 PM



#46
 Dibromomethane
 Concen: 9.595 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion: 93 Resp: 15788
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 99.8
 174 92.8 75.4 113.2





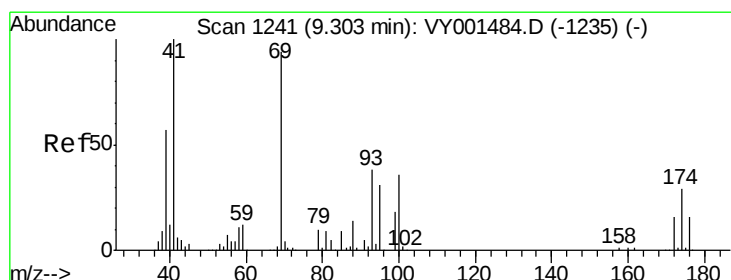
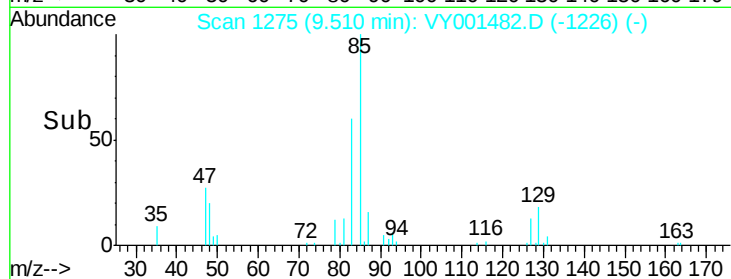
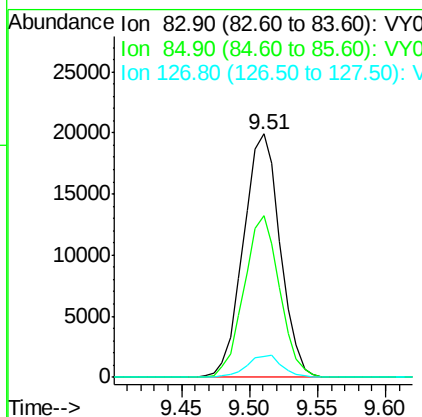
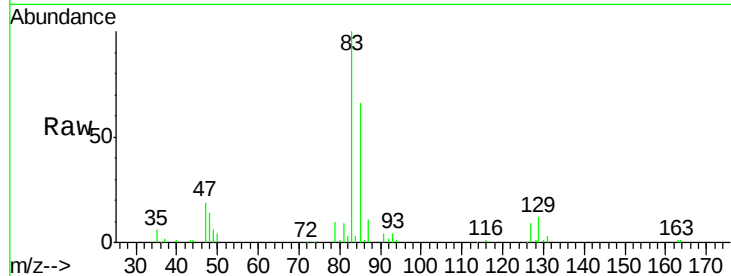
#47
Bromodichloromethane
Concen: 9.514 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	37681		
85	66.4	51.9	77.9	
127	8.7	6.9	10.3	

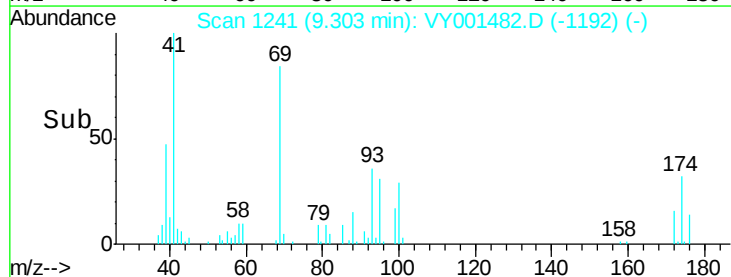
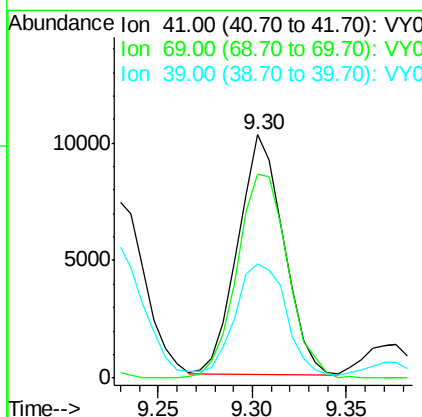
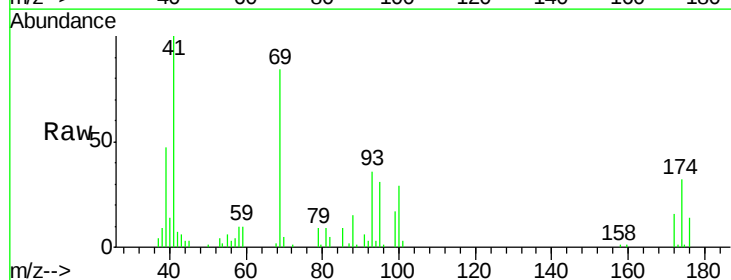
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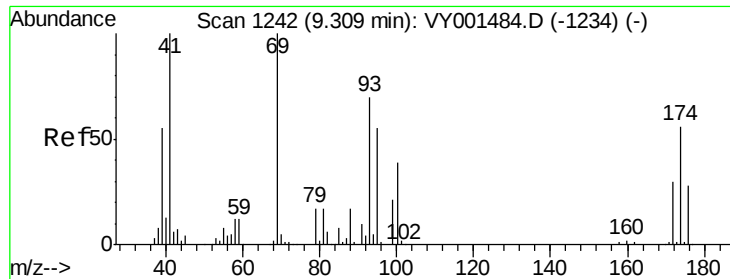
MMDadoda
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#48
Methyl methacrylate
Concen: 8.104 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	17225		
69	94.1	76.6	114.8	
39	50.7	45.4	68.0	





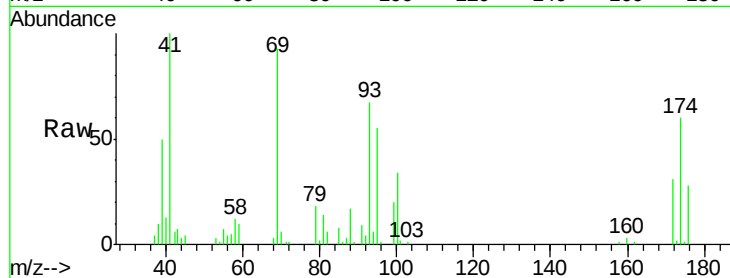
#49
1,4-Dioxane
Concen: 181.546 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.8	37.2
58	66.5	59.3	88.9

Manual Integrations
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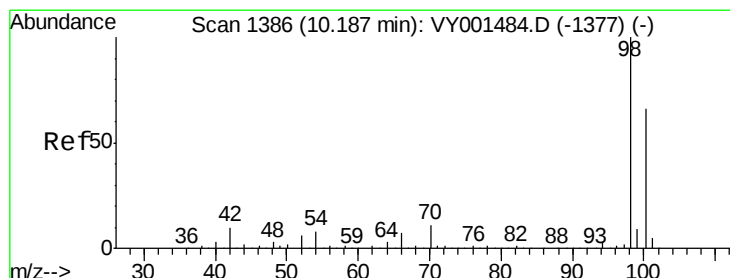
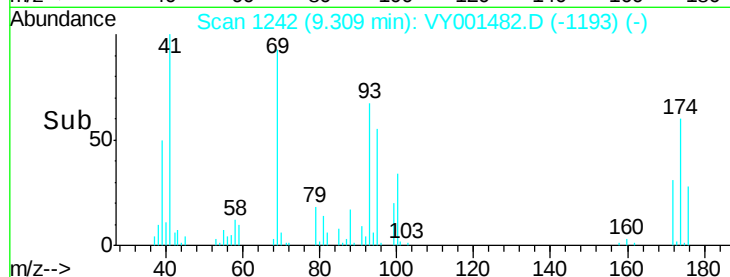
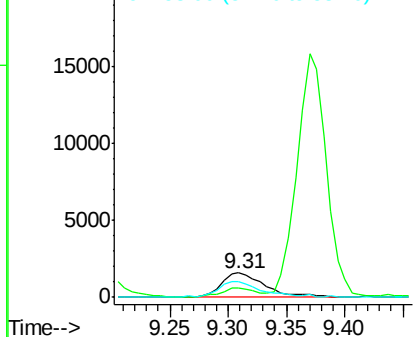


Abundance

Ion 88.00 (87.70 to 88.70): VY001482.D (-1193) (-)

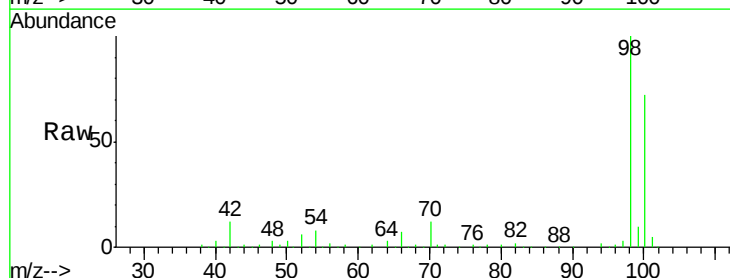
Ion 43.00 (42.70 to 43.70): VY001482.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY001482.D (-1193) (-)



#50
Toluene-d8
Concen: 9.351 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

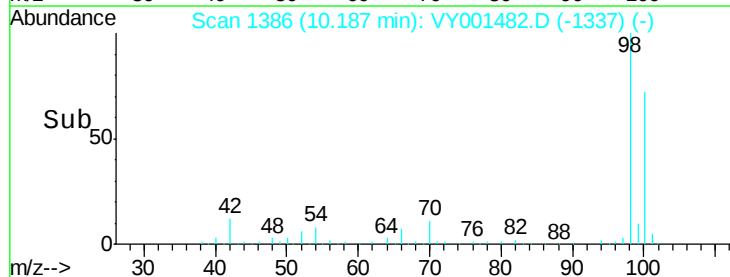
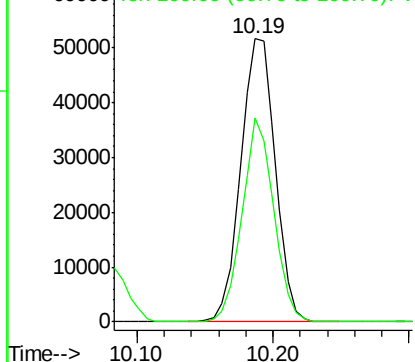
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6

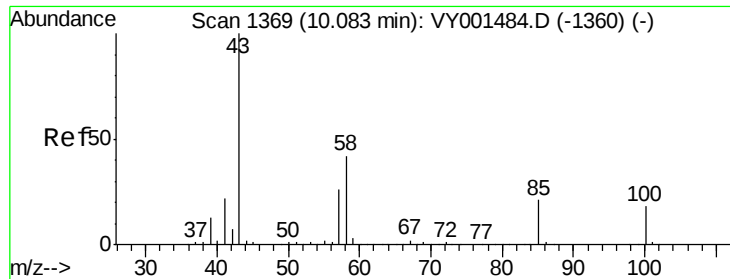


Abundance

Ion 98.00 (97.70 to 98.70): VY001482.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001482.D (-1337) (-)





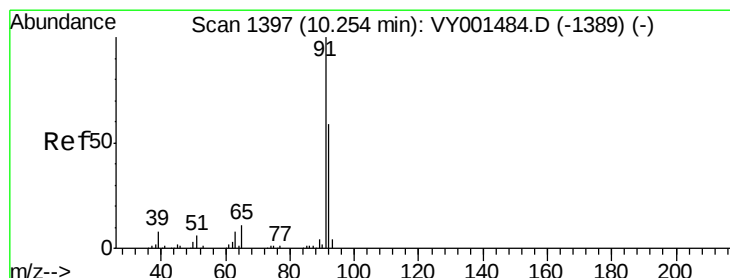
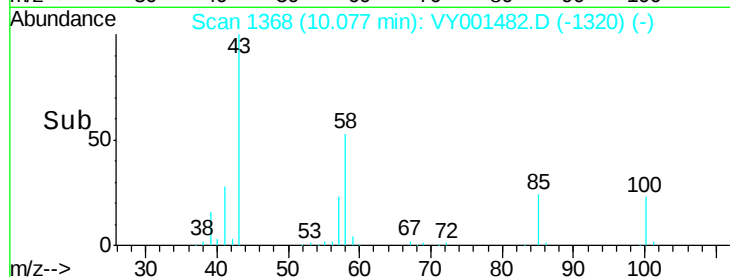
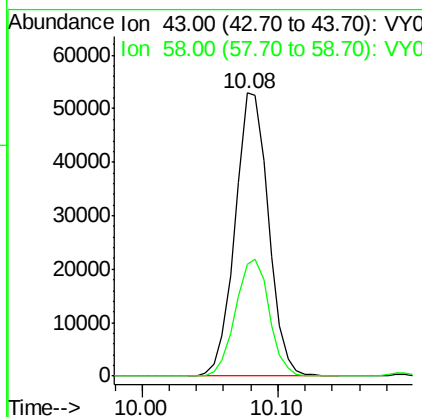
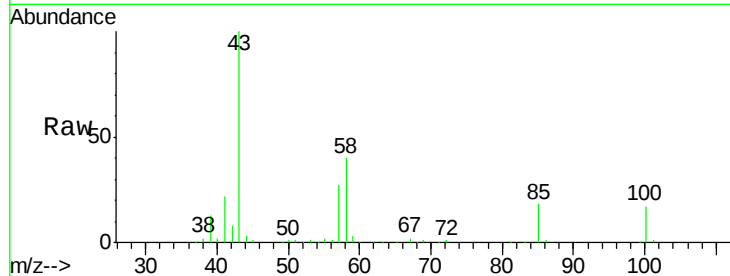
#51
4-Methyl-2-Pentanone
Concen: 37.969 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	41.7		33.9	50.9	

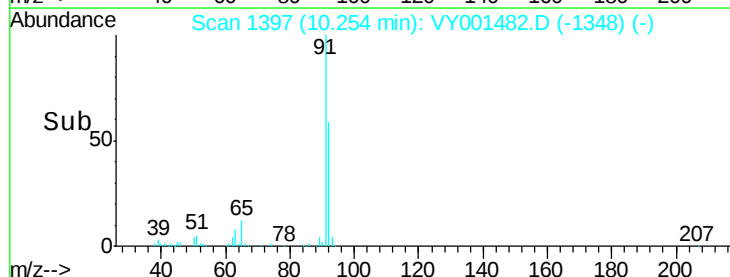
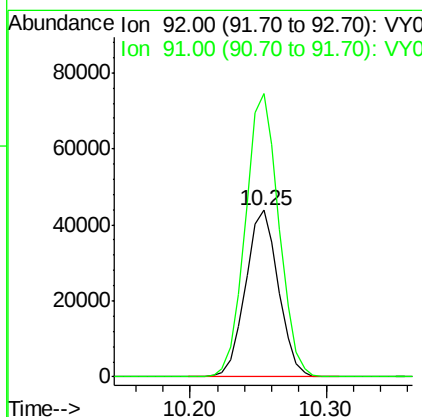
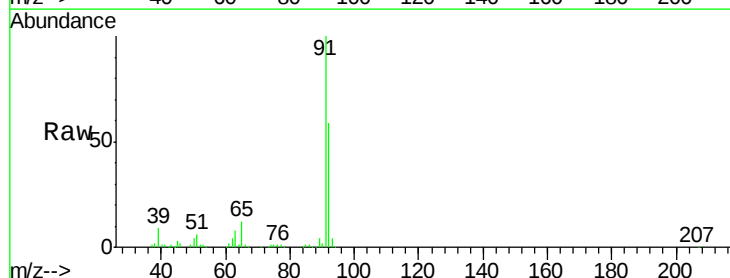
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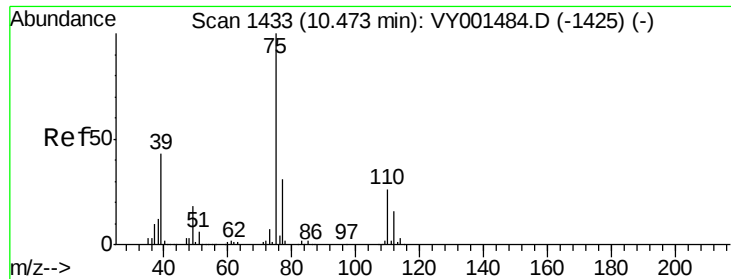
MMDadoda
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#52
Toluene
Concen: 9.597 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	173.1		136.6	204.8	





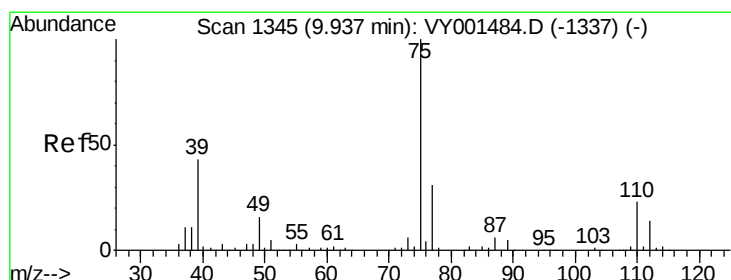
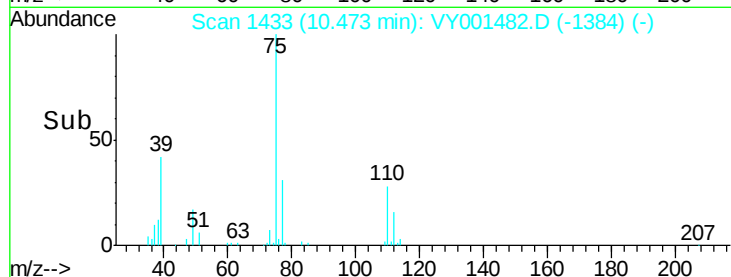
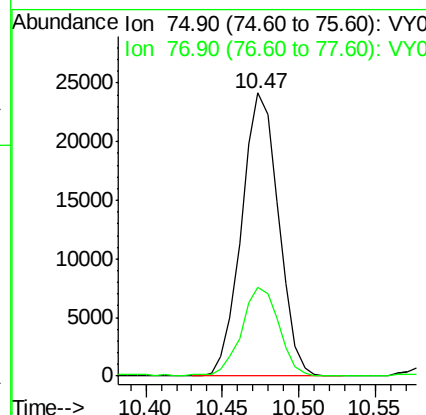
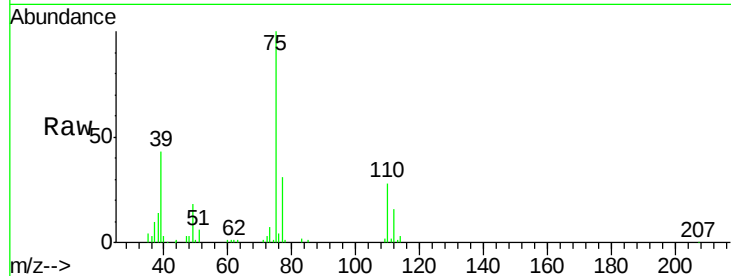
#53
t-1,3-Dichloropropene
Concen: 9.311 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 40521
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3

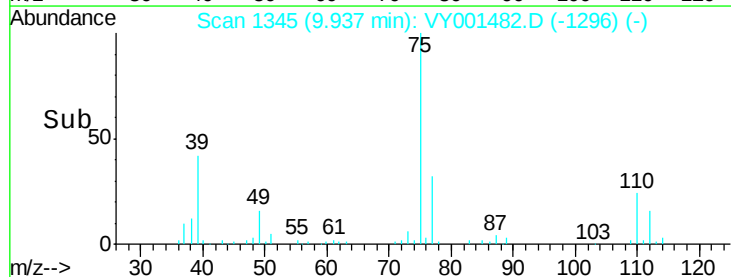
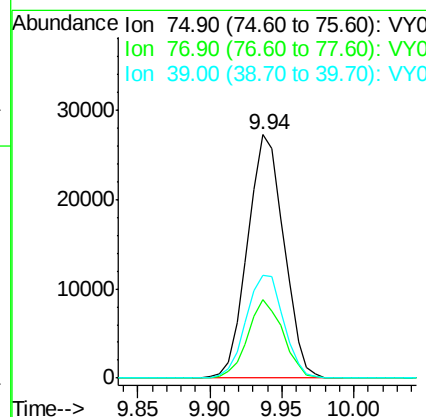
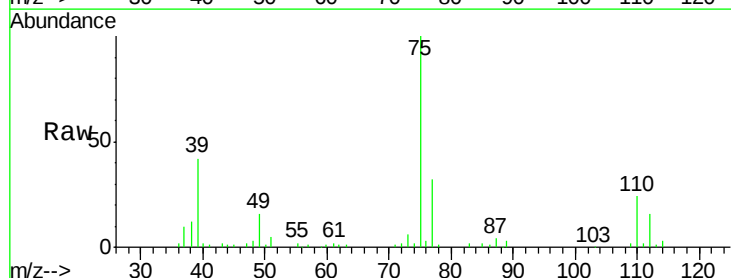
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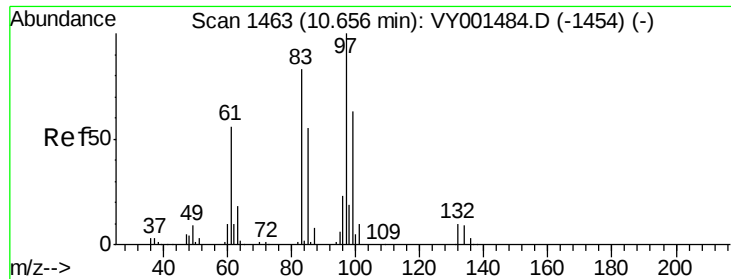
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#54
cis-1,3-Dichloropropene
Concen: 9.498 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 75 Resp: 47647
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 42.4 34.0 51.0





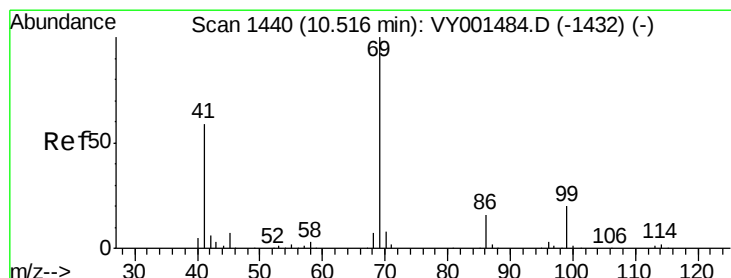
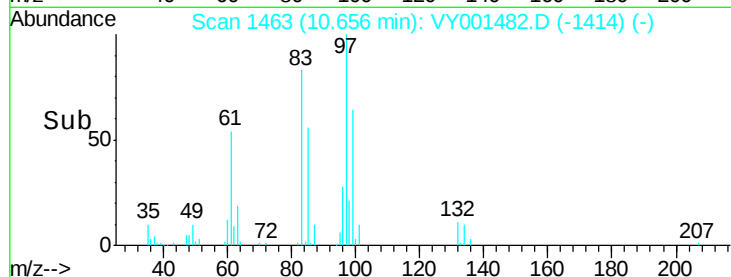
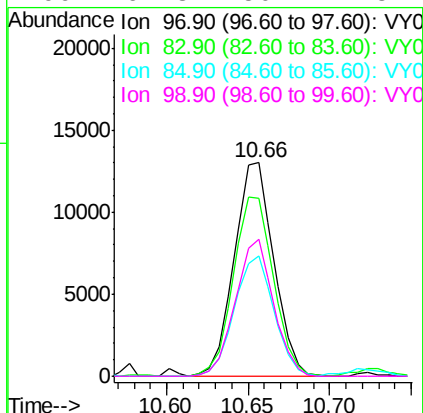
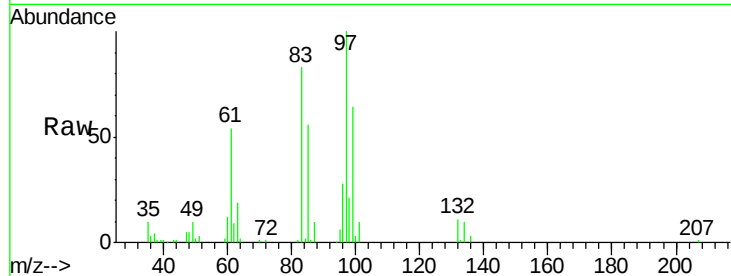
#55
 1,1,2-Trichloroethane
 Concen: 9.141 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	22050
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.2
85	56.1	43.8	65.6
99	64.3	50.1	75.1

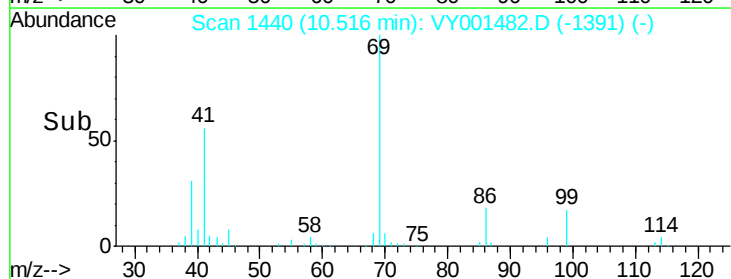
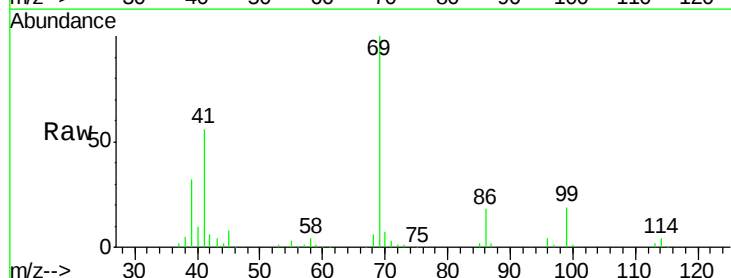
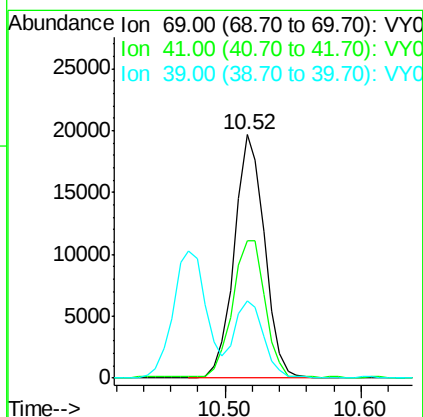
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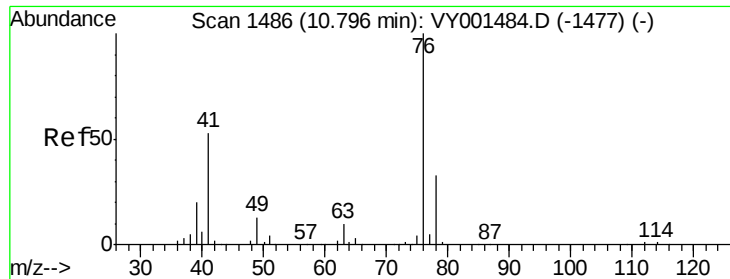
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 2/5/2020 12:23:35 PM



#56
 Ethyl methacrylate
 Concen: 8.403 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion:	69	Resp:	30382
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.8	71.8
39	30.7	24.4	36.6





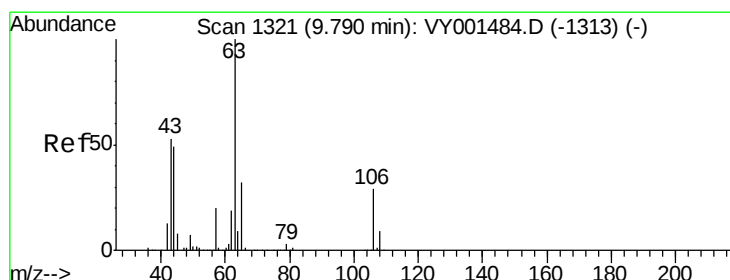
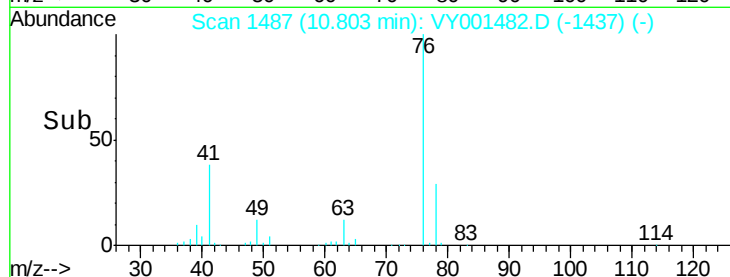
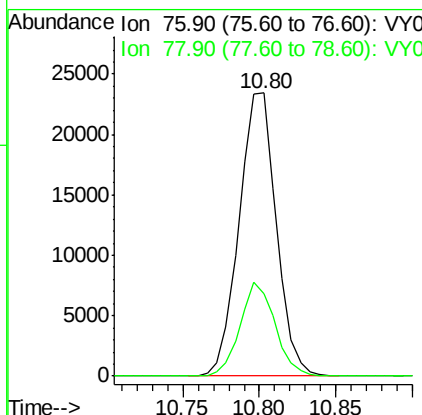
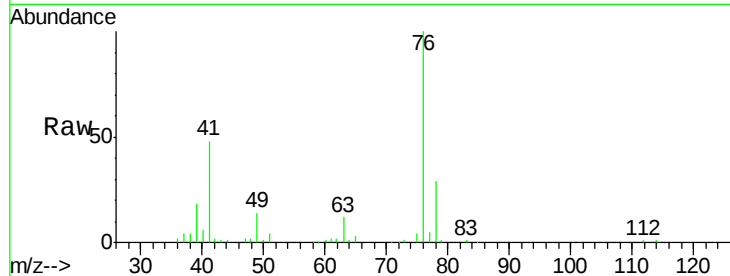
#57
 1,3-Dichloropropane
 Concen: 9.388 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion: 76 Resp: 39542
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5

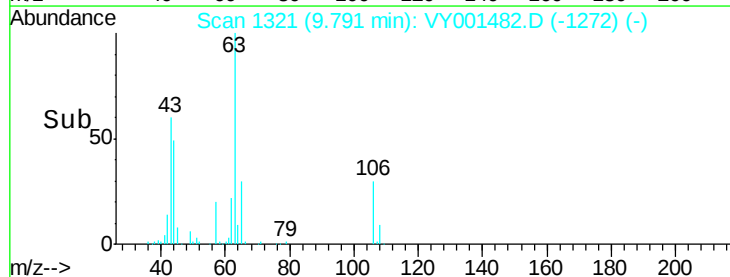
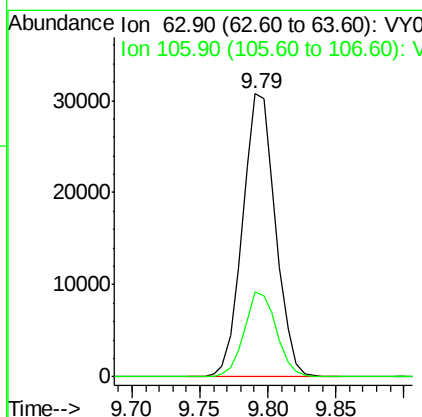
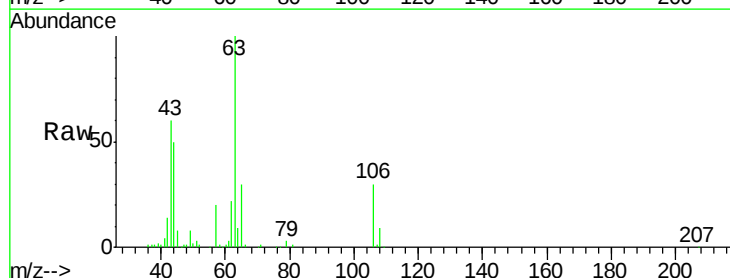
Manual Integrations
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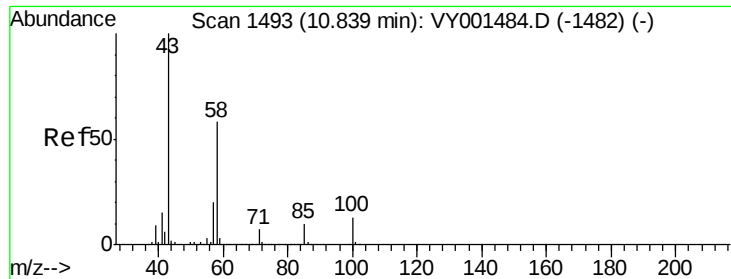
MMDadoda
 2/5/2020 12:23:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 40.195 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion: 63 Resp: 51962
 Ion Ratio Lower Upper
 63 100
 106 29.2 24.0 36.0





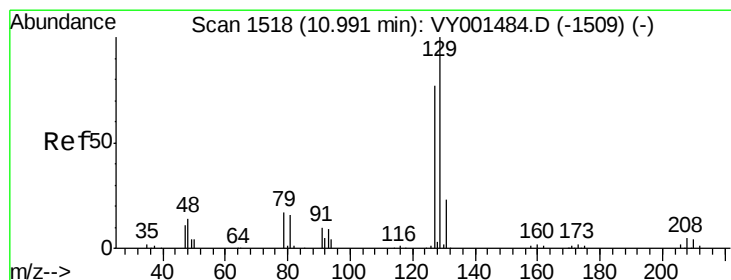
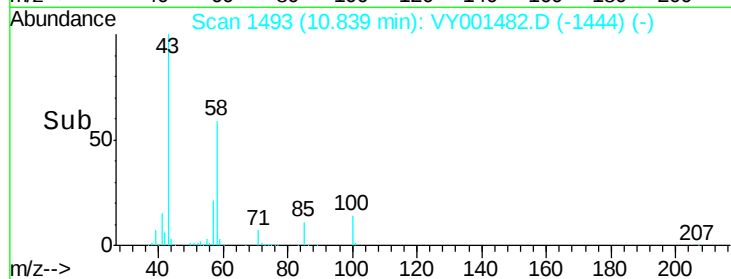
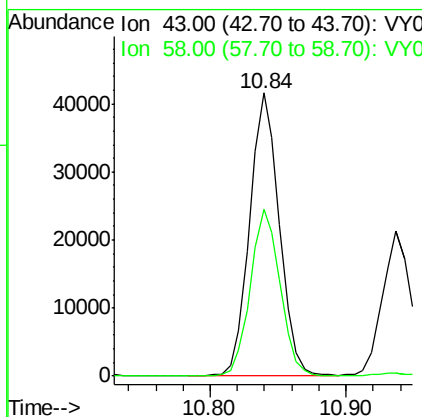
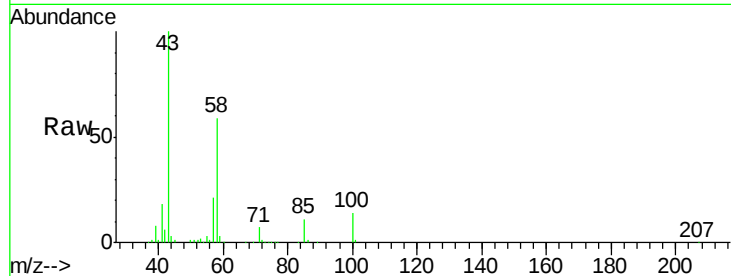
#59
2-Hexanone
Concen: 38.174 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 63758
Ion Ratio Lower Upper
43 100
58 59.3 29.0 87.0

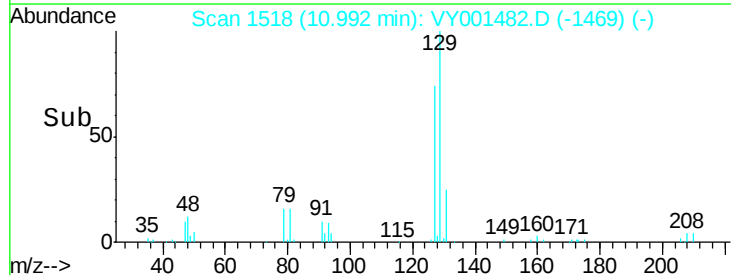
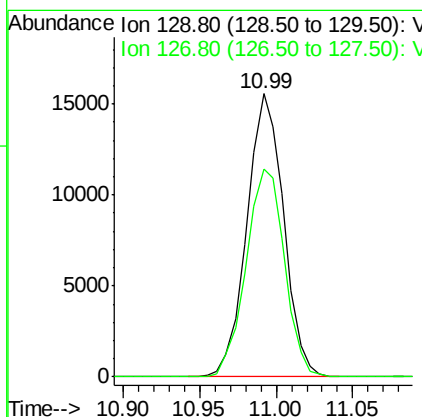
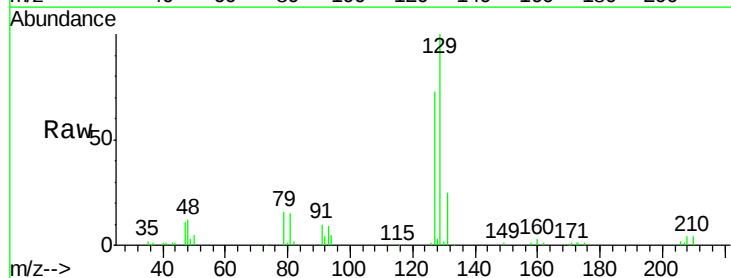
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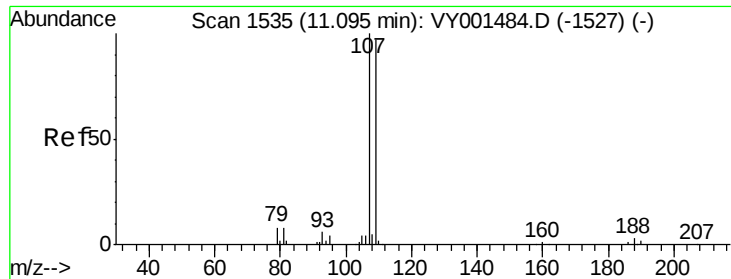
MMDadoda
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#60
Dibromochloromethane
Concen: 9.506 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 129 Resp: 25955
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





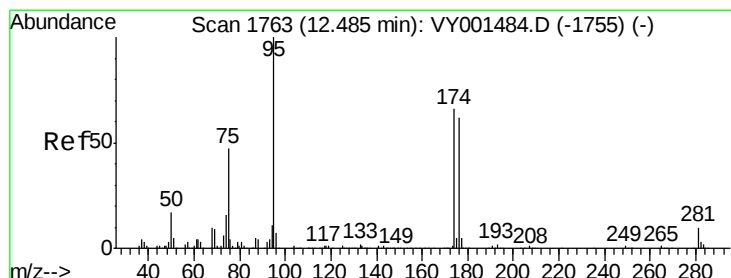
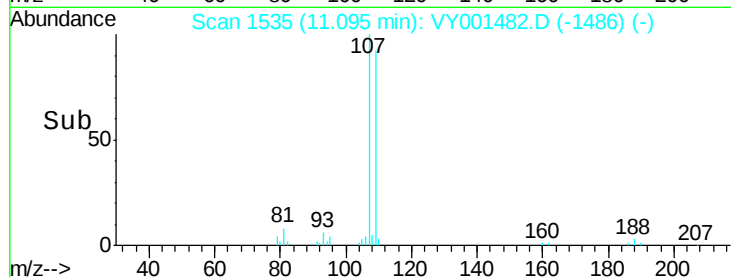
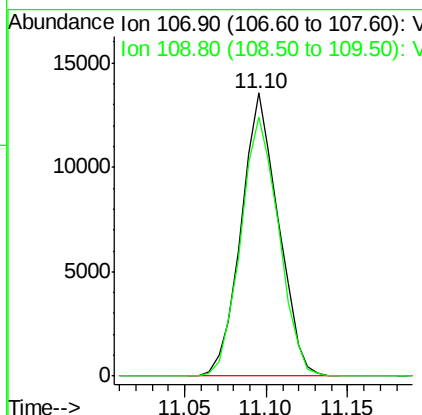
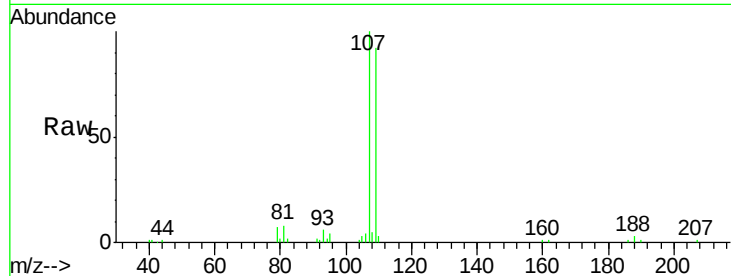
#61
 1,2-Dibromoethane
 Concen: 9.410 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 21576
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.2 114.2

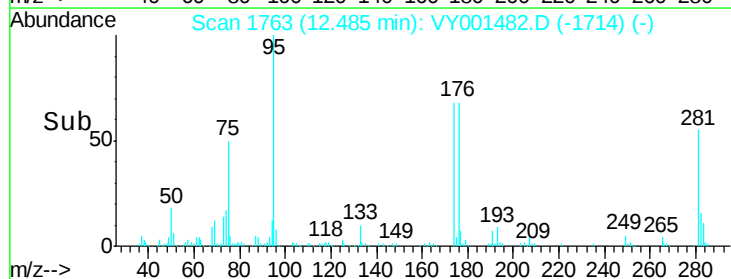
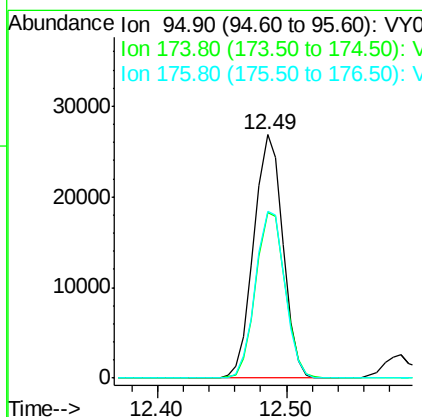
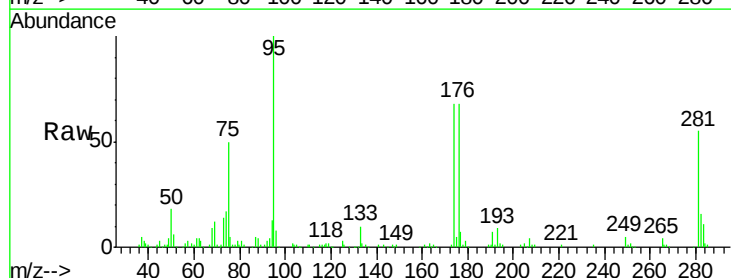
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 10.810 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion: 95 Resp: 41863
 Ion Ratio Lower Upper
 95 100
 174 68.7 0.0 141.4
 176 69.5 0.0 135.4





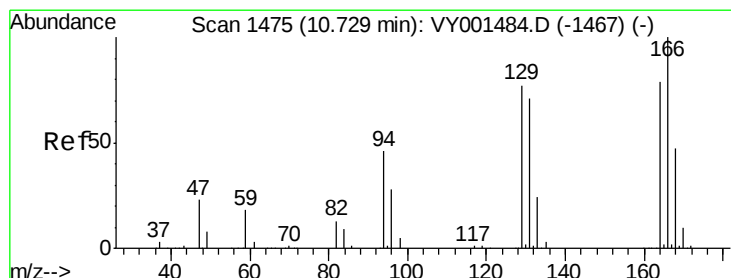
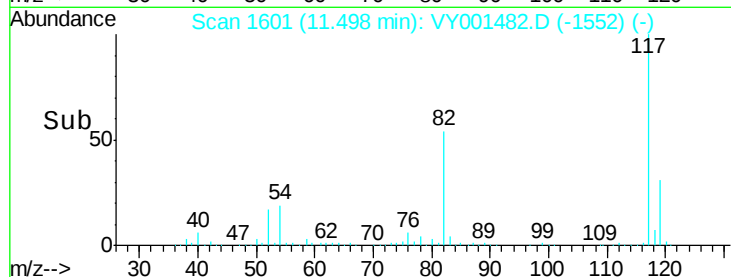
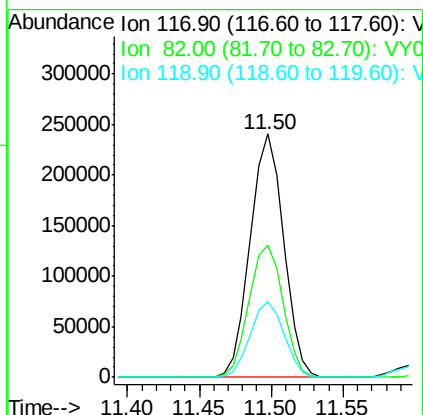
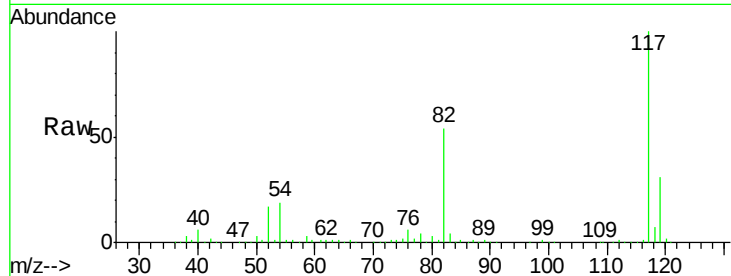
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.1	69.1
119	31.3	26.1	39.1

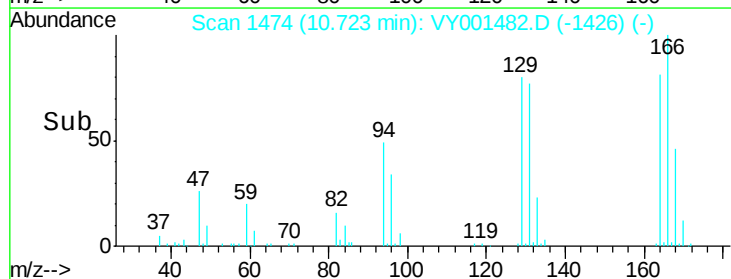
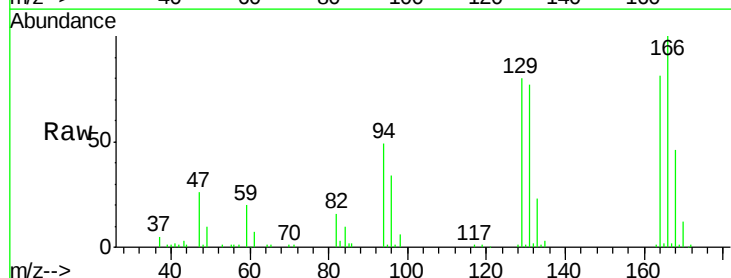
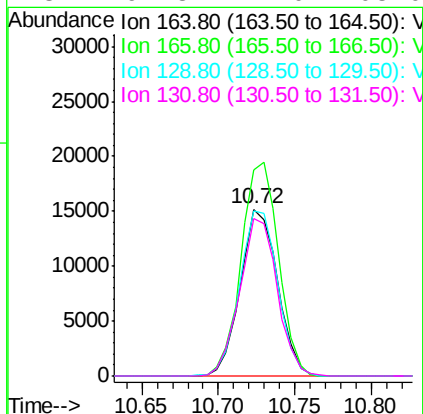
Manual Integrations
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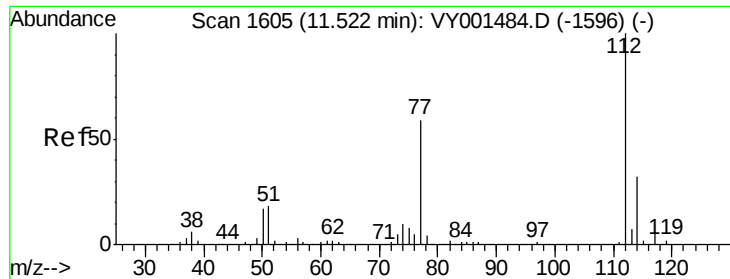
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#64
Tetrachloroethene
Concen: 10.215 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	100.8	151.2
129	99.5	77.8	116.6
131	94.8	72.0	108.0





#65

Chlorobenzene

Concen: 9.446 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion:112 Resp: 76941

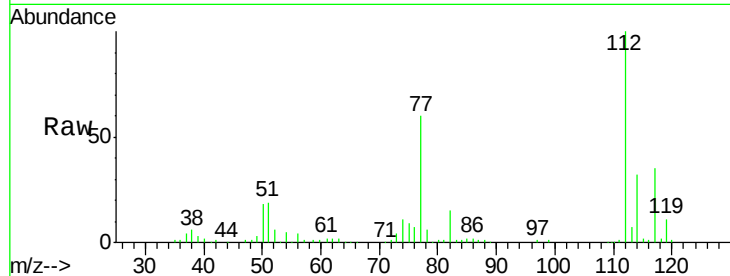
Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2

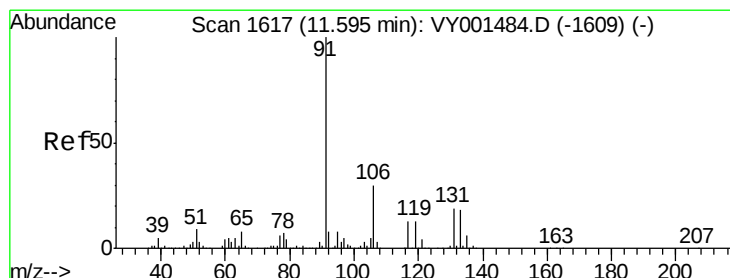
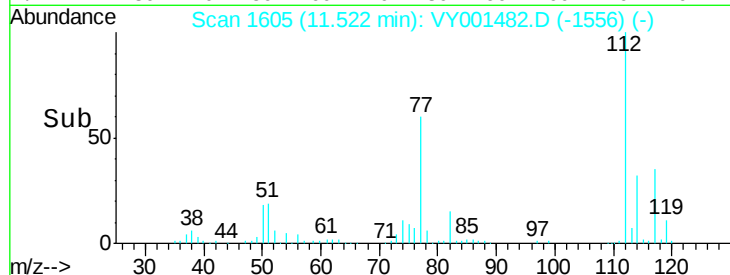
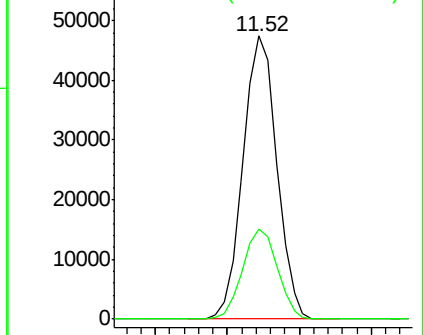
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.774 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

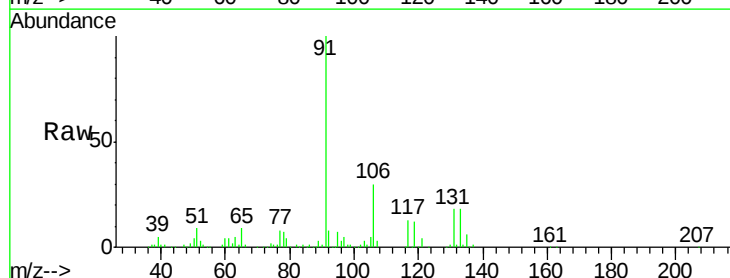
Tgt Ion:131 Resp: 27173

Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.8

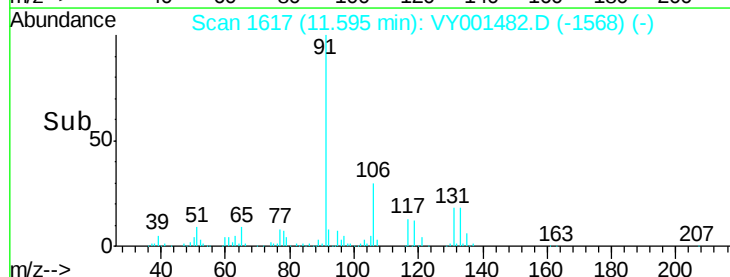
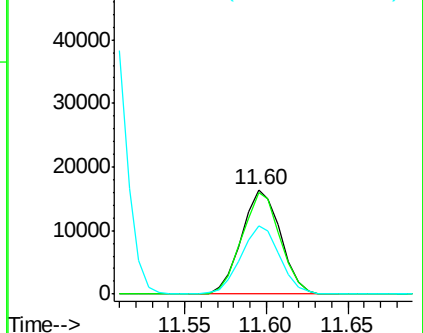
119 65.5 33.7 101.0

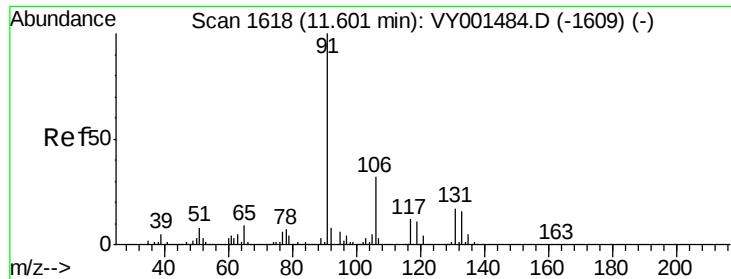


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





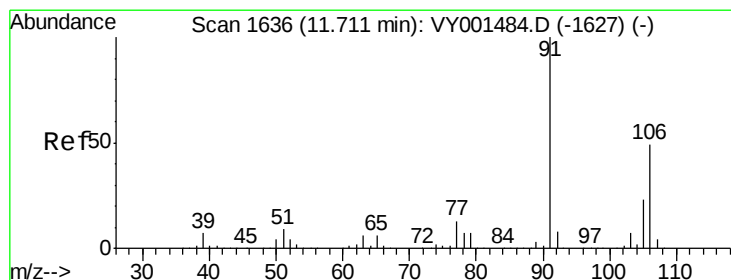
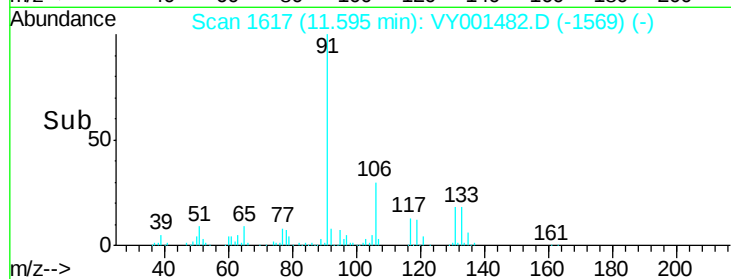
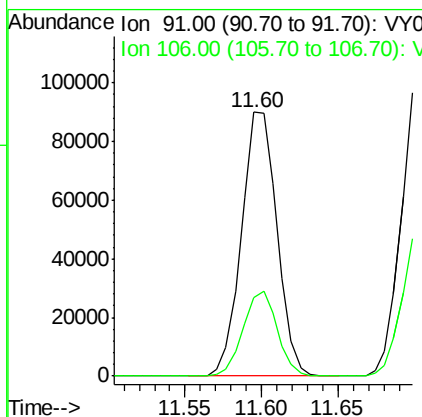
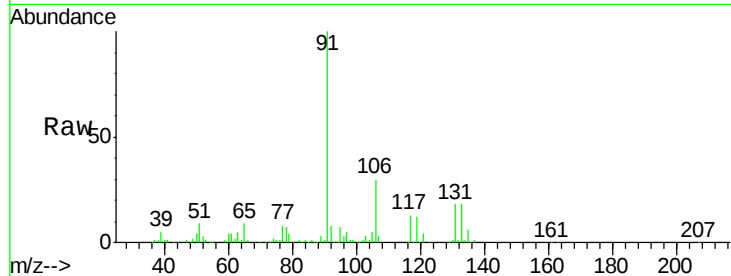
#67
Ethyl Benzene
Concen: 9.653 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 144756
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9

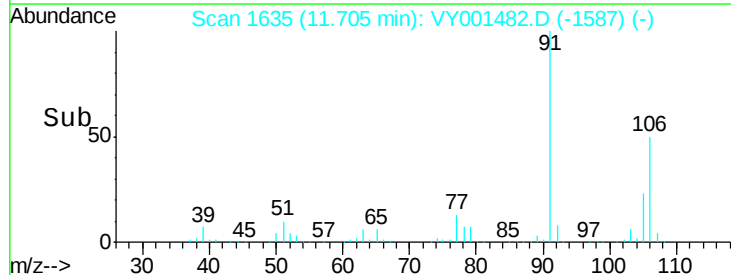
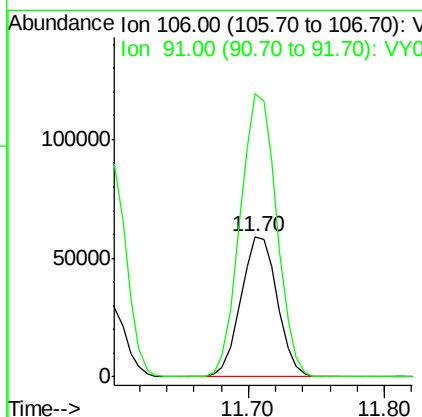
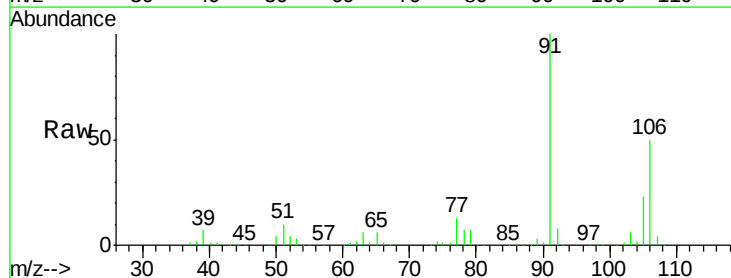
Manual Integrations
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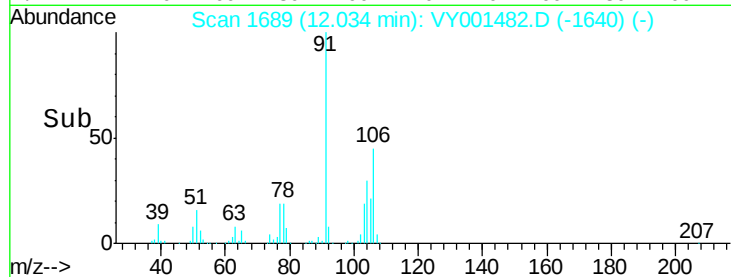
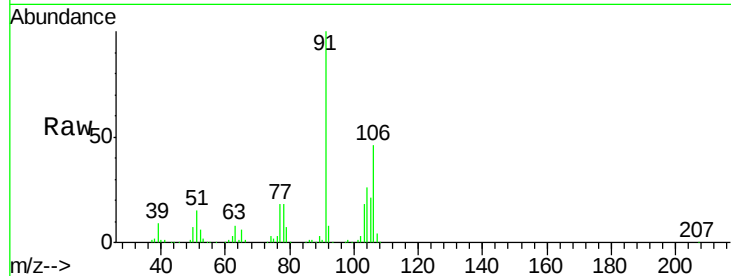
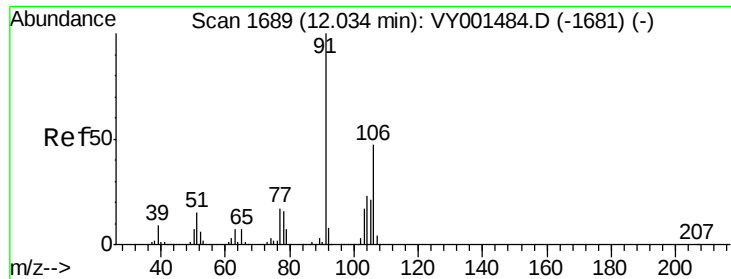
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#68
m/p-Xylenes
Concen: 19.754 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 106 Resp: 110566
Ion Ratio Lower Upper
106 100
91 202.4 163.6 245.4





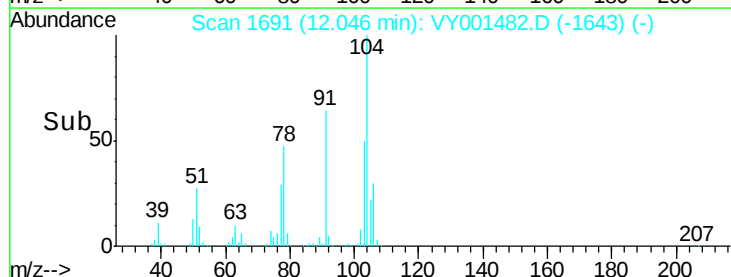
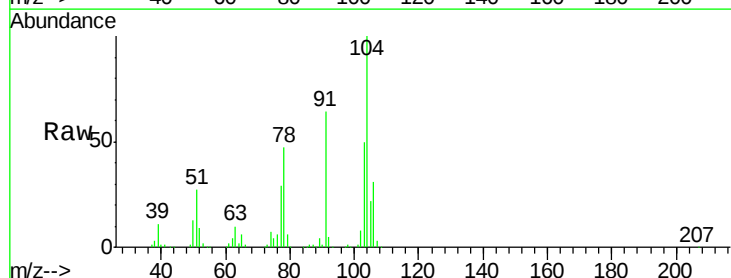
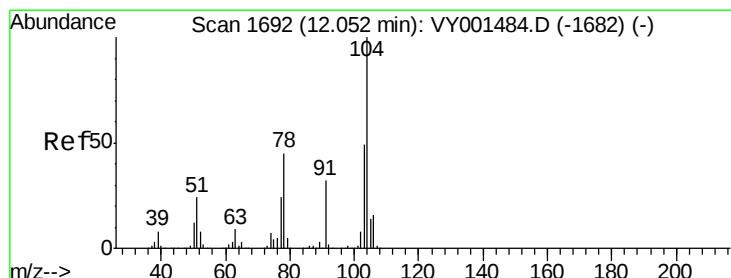
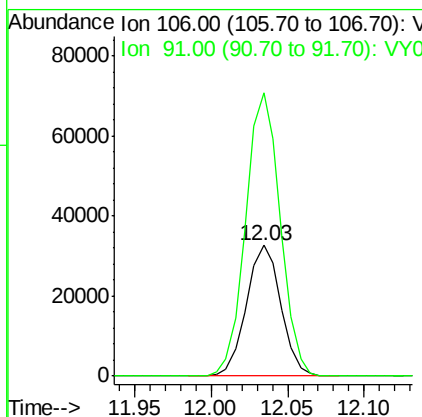
#69
o-Xylene
Concen: 9.551 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tot Ion:106 Resp: 51364
Ion Ratio Lower Upper
106 100
91 216.9 106.0 318.0

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

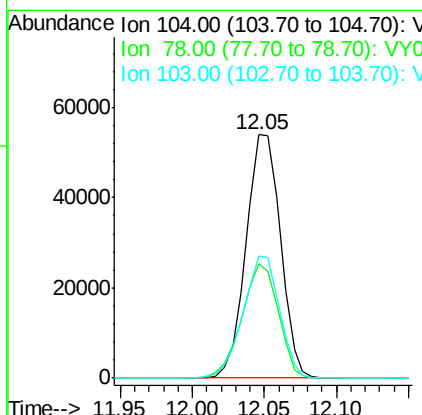
Manual Integrations
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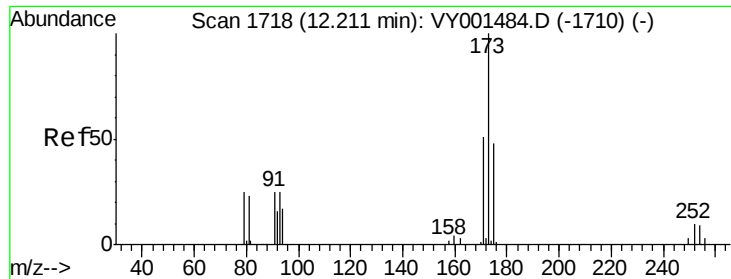
MMDadoda
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#70
Styrene
Concen: 9.461 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion:104 Resp: 88961
Ion Ratio Lower Upper
104 100
78 49.8 40.4 60.6
103 53.1 42.8 64.2





#71

Bromoform

Concen: 8.619 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

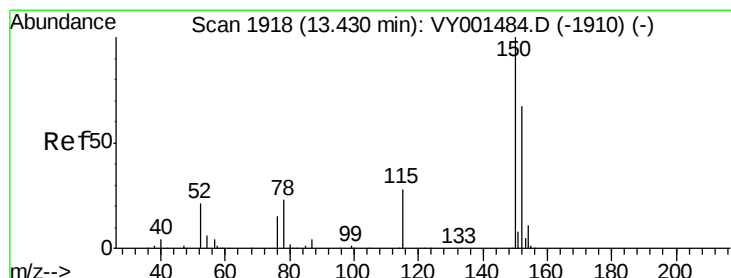
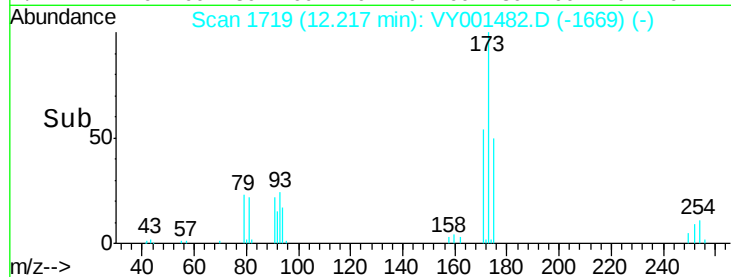
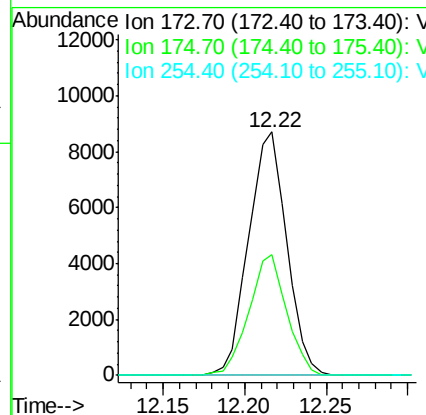
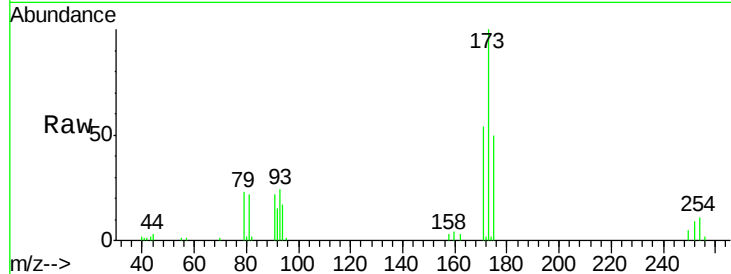
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.0	72.0
254	0.0	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

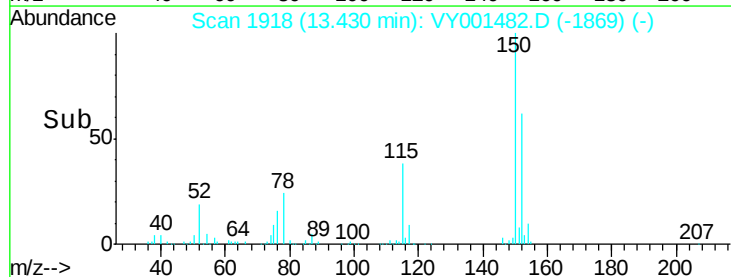
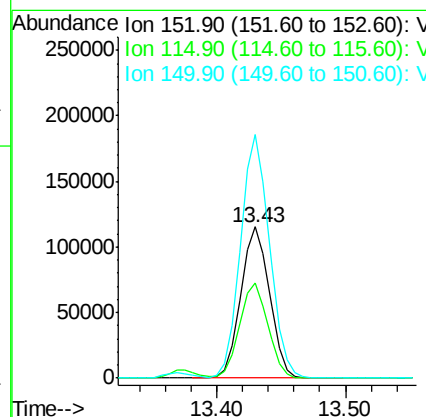
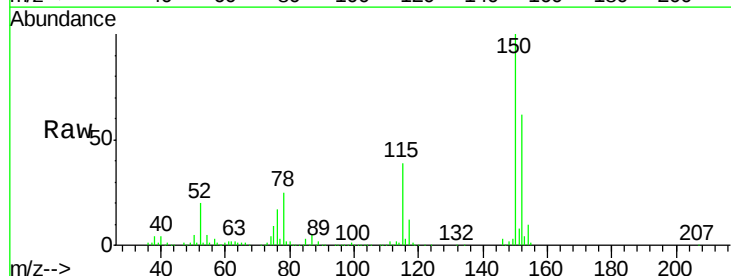
RT: 13.43 min Scan# 1918

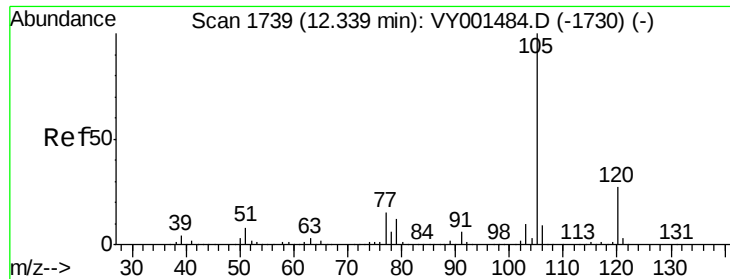
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.4	94.3
150	162.3	0.0	346.8





#73

Isopropylbenzene

Concen: 9.966 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 139716

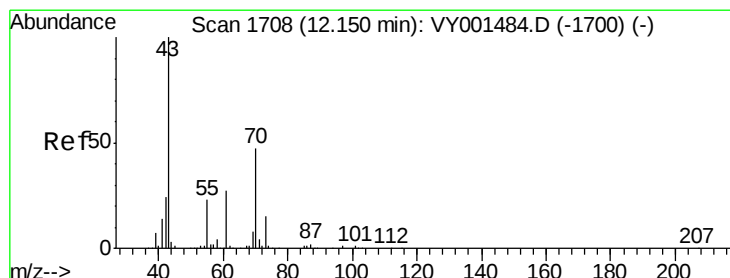
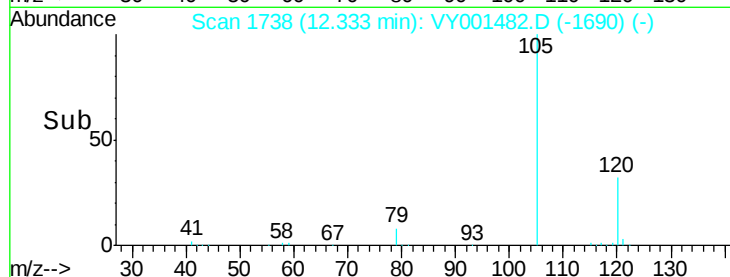
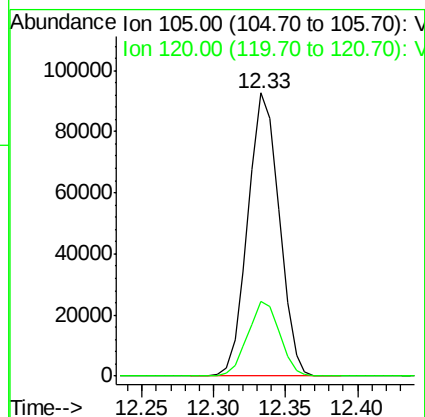
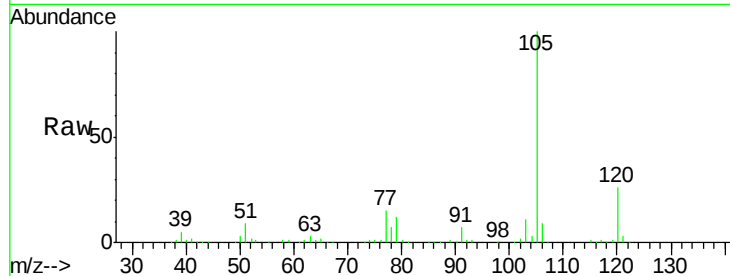
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 7.746 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion: 43 Resp: 34104

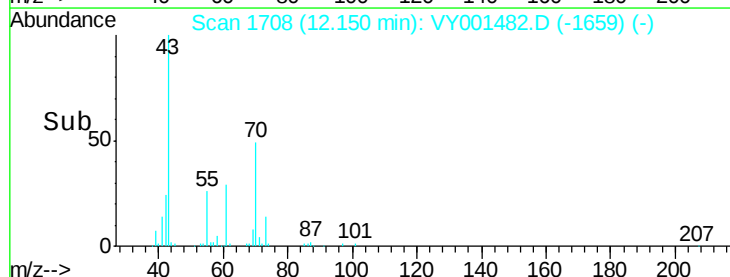
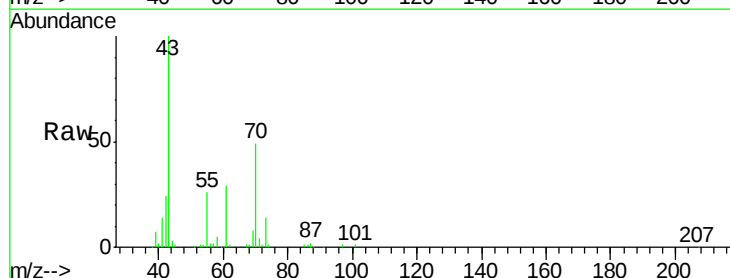
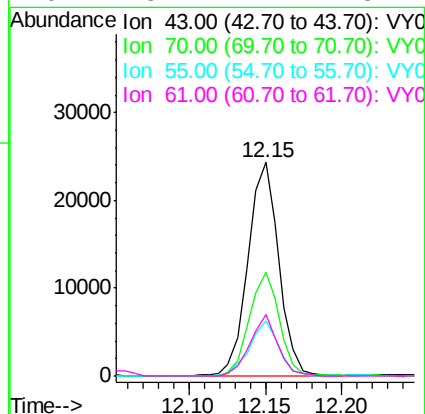
Ion Ratio Lower Upper

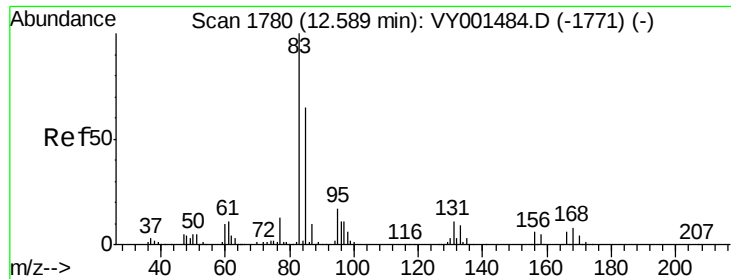
43 100

70 47.6 37.2 55.8

55 24.3 18.8 28.2

61 25.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 8.512 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

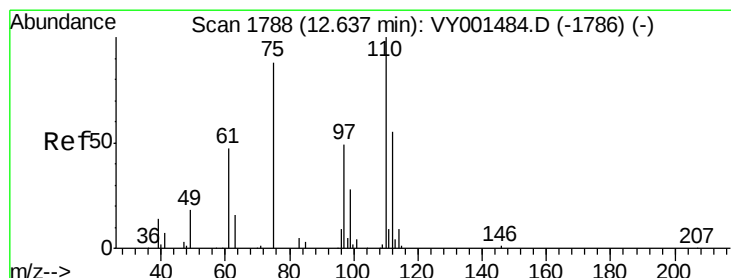
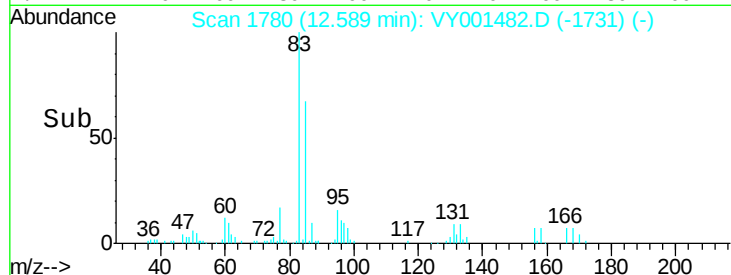
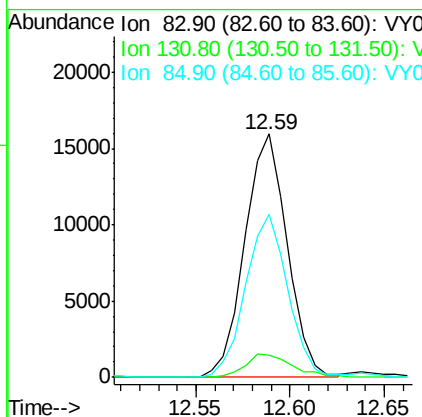
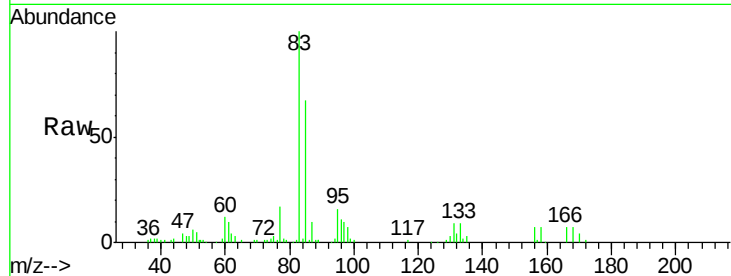
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	24884
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	66.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 8.550 ug/l m

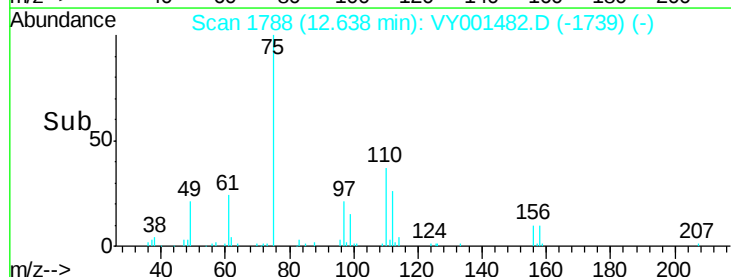
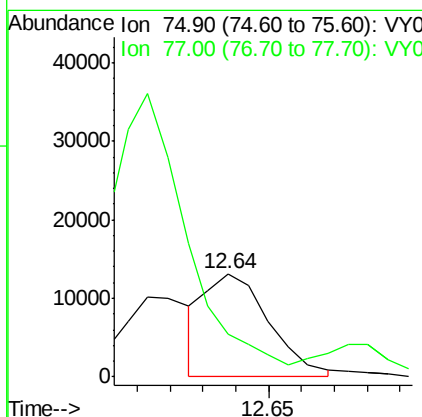
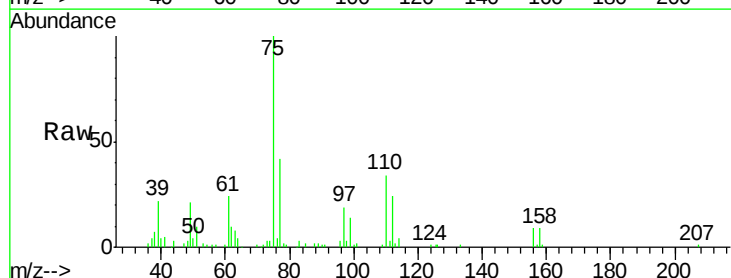
RT: 12.64 min Scan# 1788

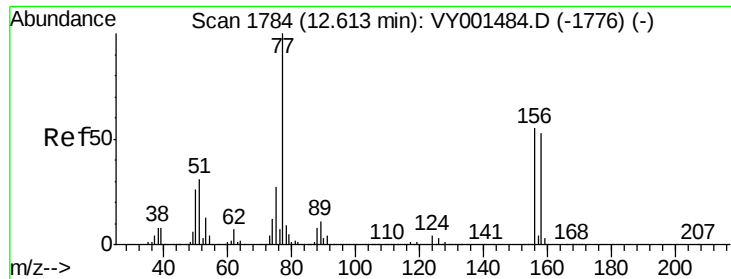
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	75	Resp:	17945
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.675 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

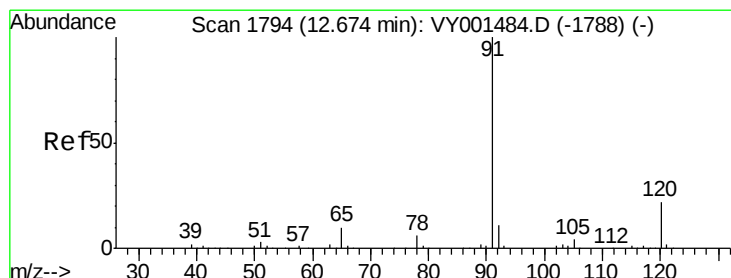
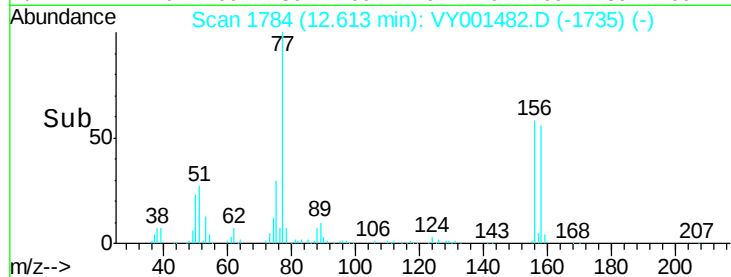
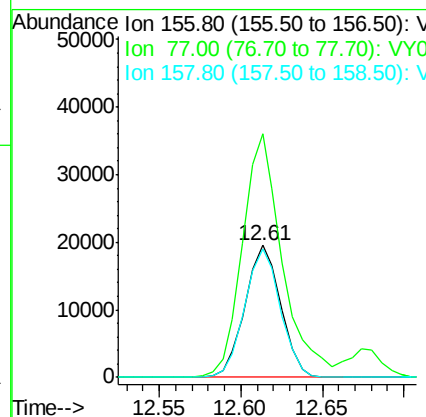
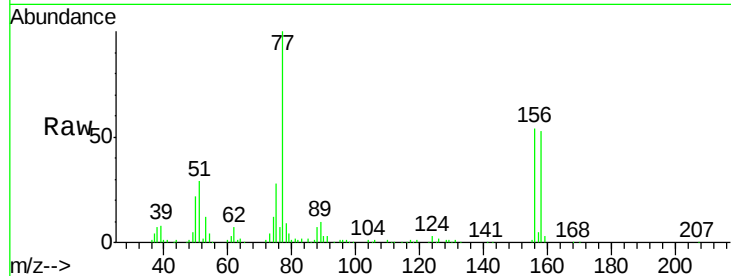
ClientSampleId :

VSTDIC010

Tot Ion:	156	Resp:	29934
Ion Ratio	Lower	Upper	
156	100		
77	204.6	99.8	299.3
158	97.1	47.5	142.6

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#78

n-propylbenzene

Concen: 10.050 ug/l

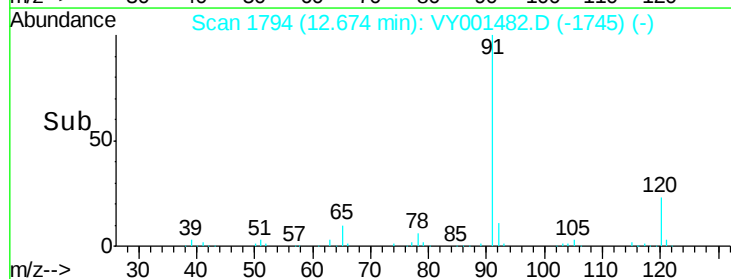
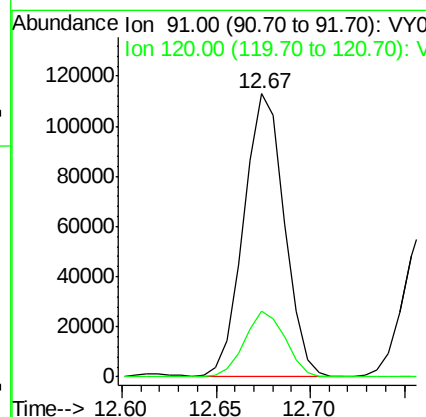
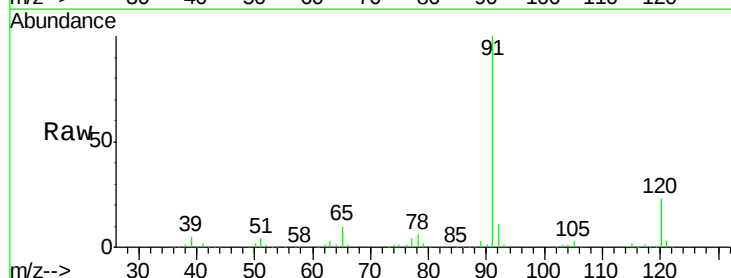
RT: 12.67 min Scan# 1794

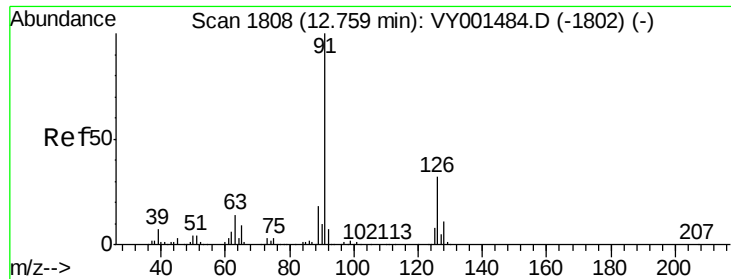
Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	91	Resp:	169052
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.4	34.2





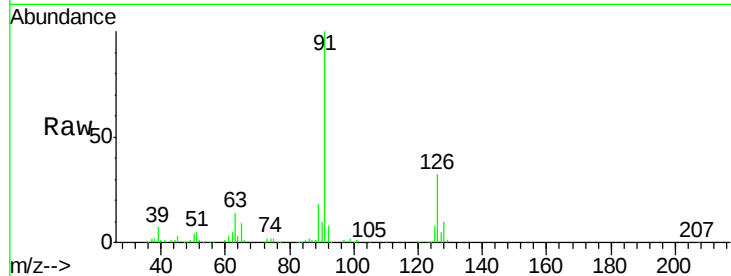
#79
2-Chlorotoluene
Concen: 9.791 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

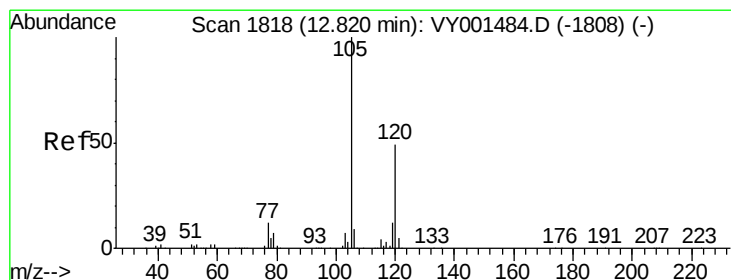
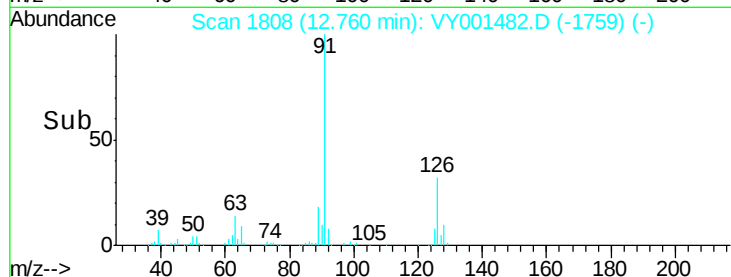
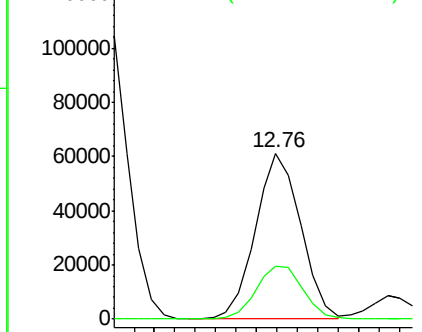
Tot Ion: 91 Resp: 94199
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.2

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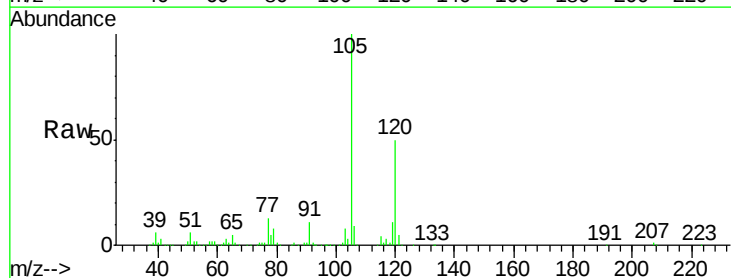


Abundance Ion 91.00 (90.70 to 91.70): VY001482.D (-1759) (-)
Ion 125.90 (125.60 to 126.60): VY001482.D (-1759) (-)

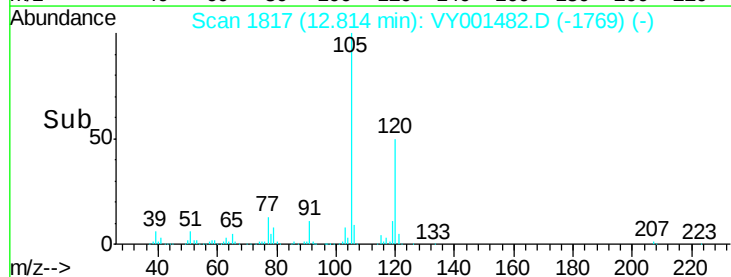
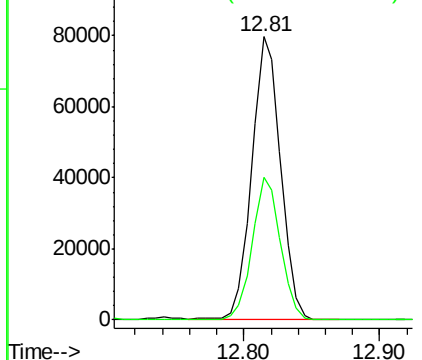


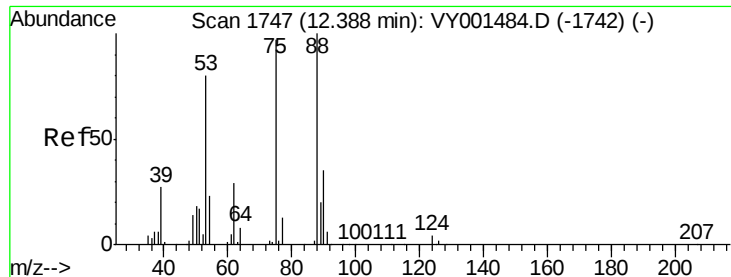
#80
1,3,5-Trimethylbenzene
Concen: 10.125 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 105 Resp: 118496
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001482.D (-1769) (-)
Ion 120.00 (119.70 to 120.70): VY001482.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 8.594 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

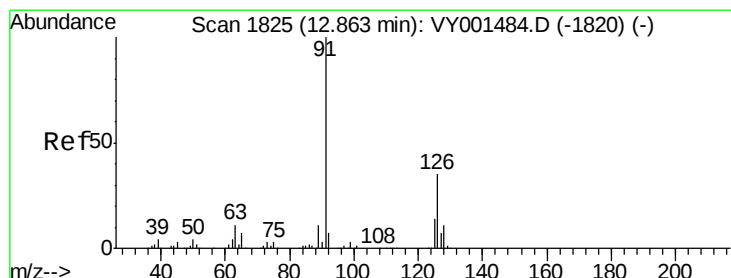
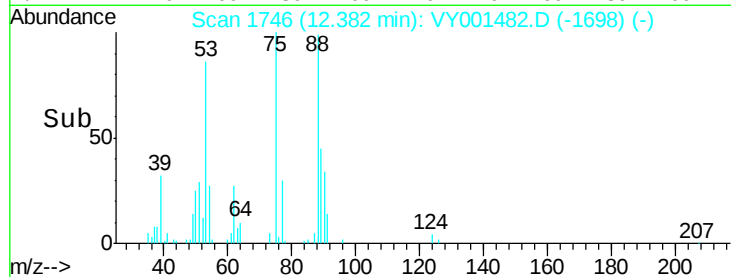
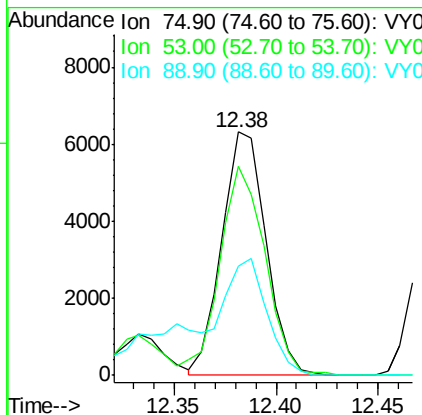
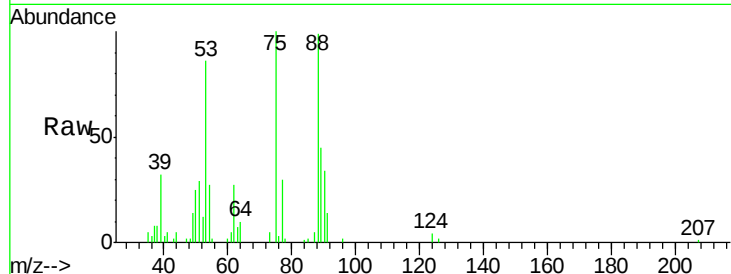
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	9515
Ion	Ratio	Lower	Upper
75	100		
53	88.0	67.7	101.5
89	47.8	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 9.878 ug/l

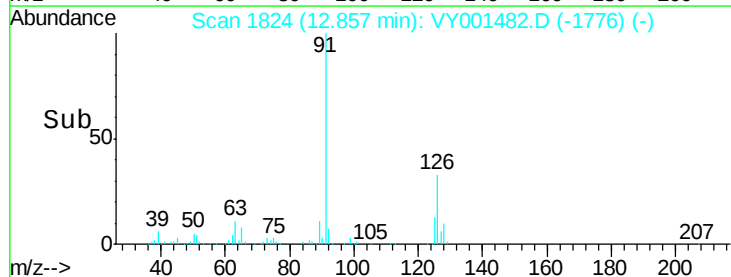
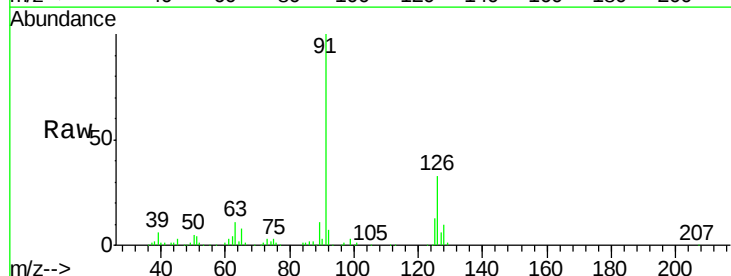
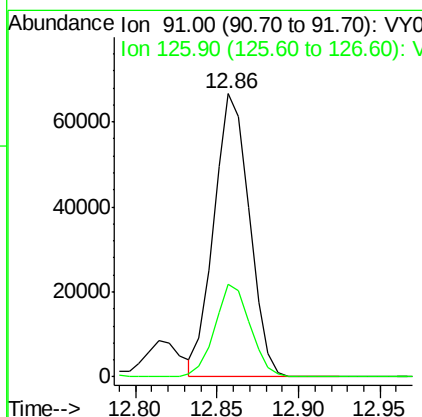
RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Tgt Ion:	91	Resp:	101144
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.5	49.5





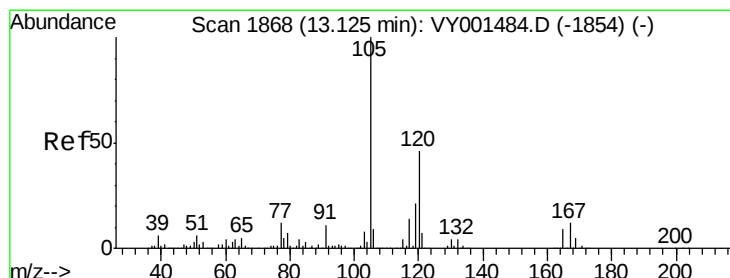
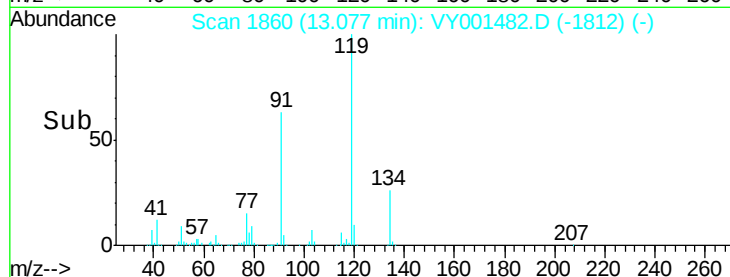
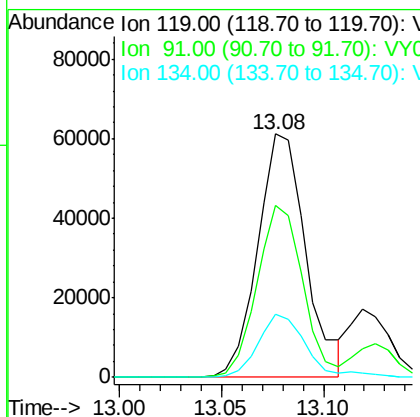
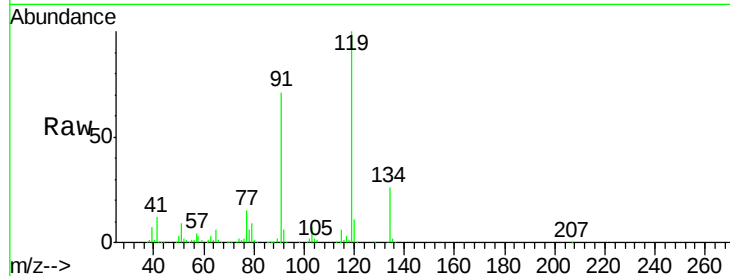
#83
tert-Butylbenzene
Concen: 10.181 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	100458		
91	67.3	33.1	99.3	
134	26.3	13.0	39.0	

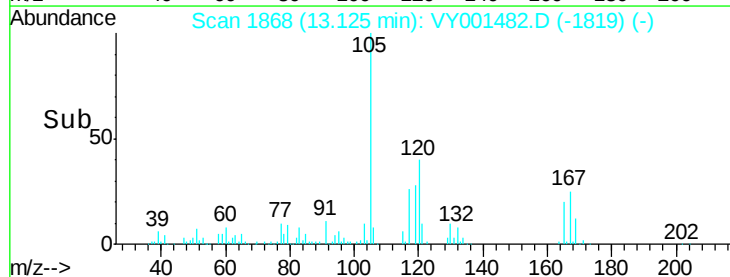
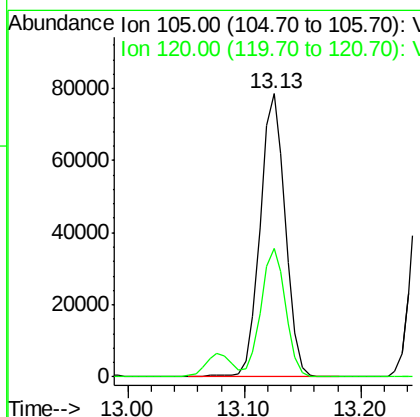
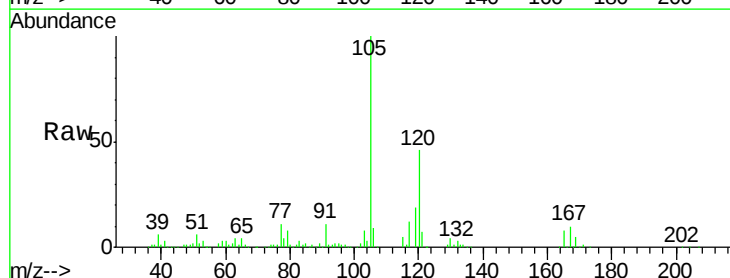
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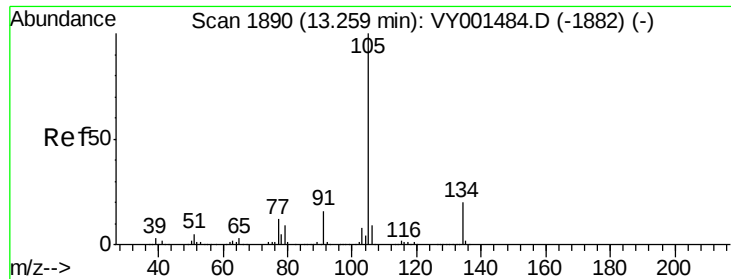
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#84
1,2,4-Trimethylbenzene
Concen: 10.059 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	118061		
120	44.7	22.4	67.0	





#85

sec-Butylbenzene

Concen: 10.058 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 140577

Ion Ratio Lower Upper

105 100

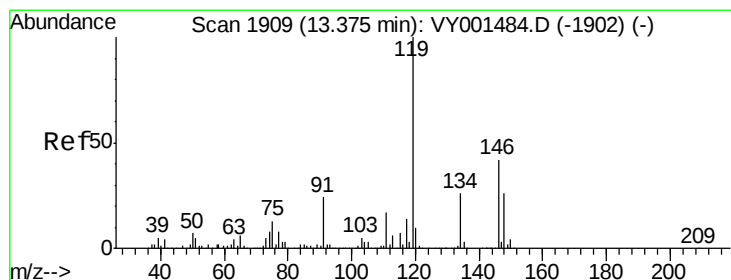
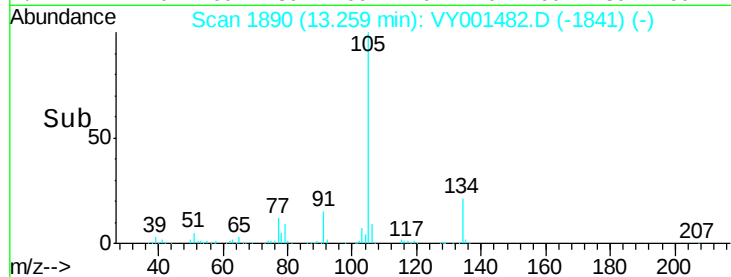
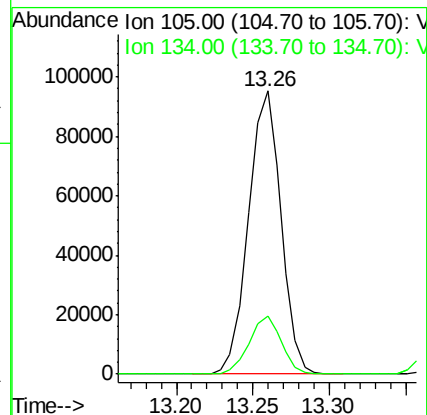
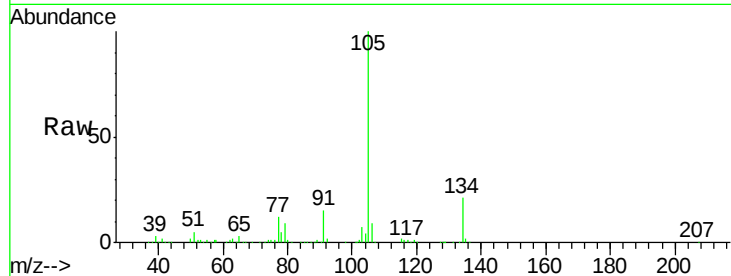
134 20.4 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 10.152 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001482.D

Acq: 04 Feb 2020 13:16

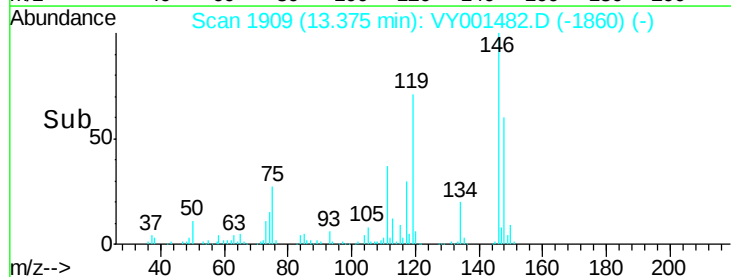
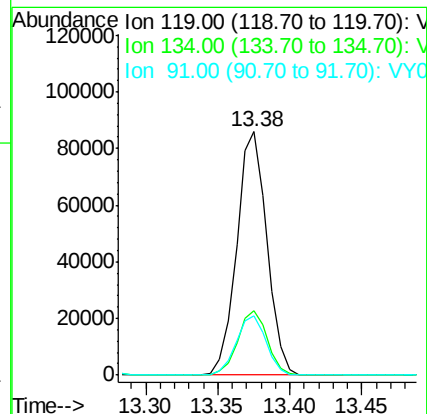
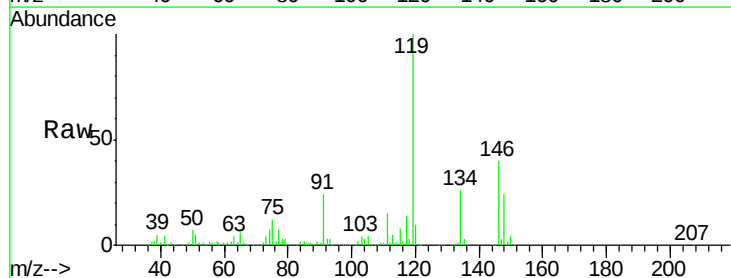
Tgt Ion:119 Resp: 125285

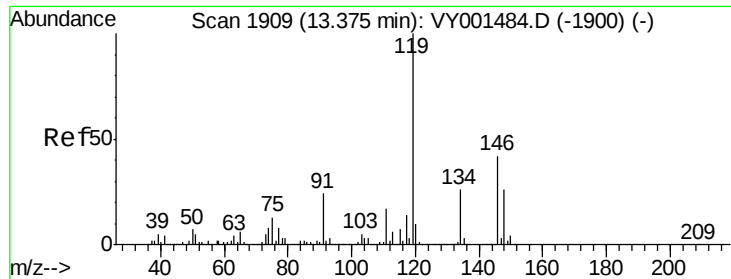
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

91 24.5 12.2 36.6





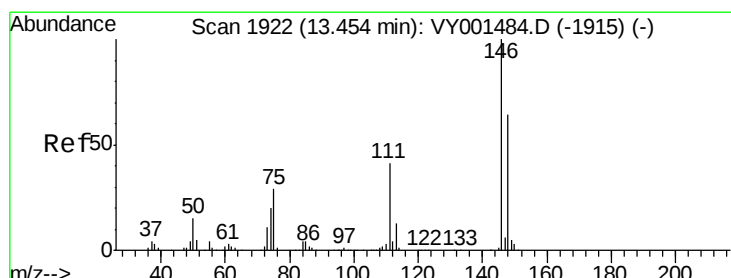
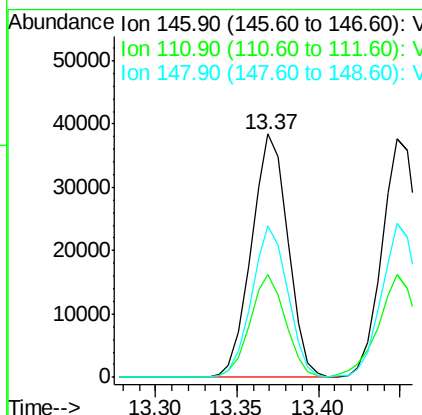
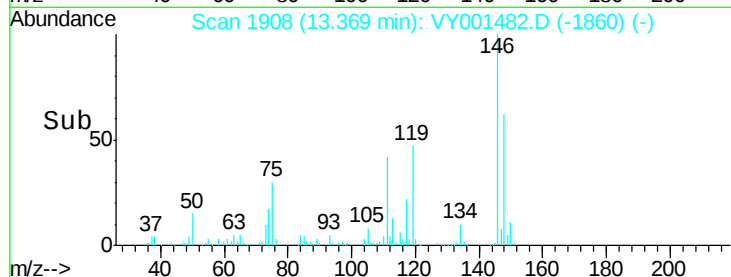
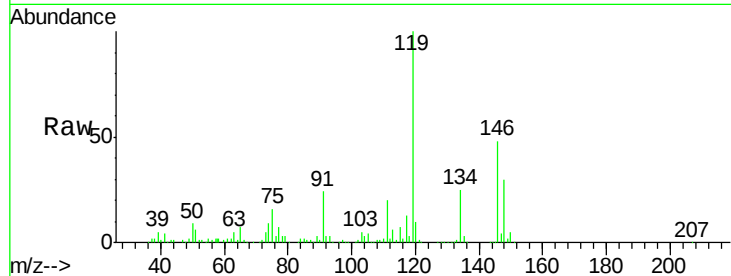
#87
 1,3-Dichlorobenzene
 Concen: 10.088 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.9
148	61.2	31.9	95.7

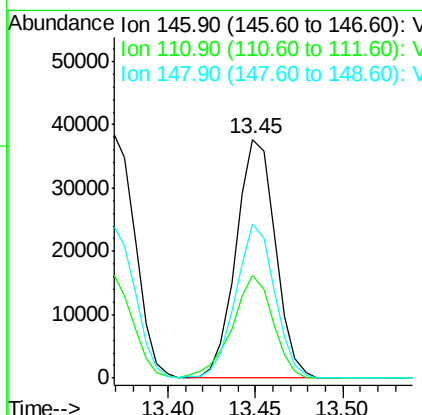
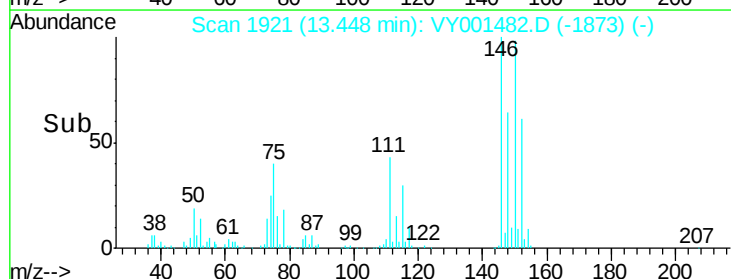
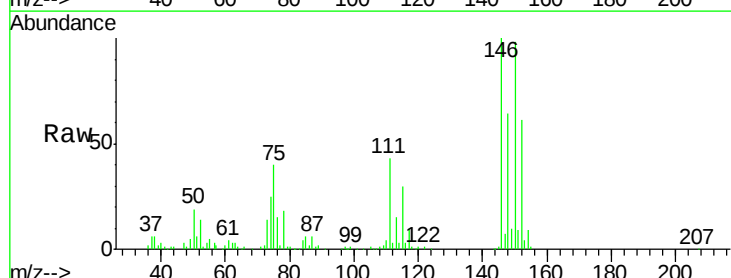
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#88
 1,4-Dichlorobenzene
 Concen: 9.814 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	20.7	62.1
148	64.2	32.1	96.5





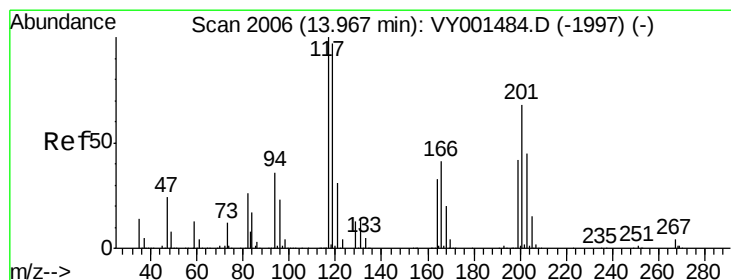
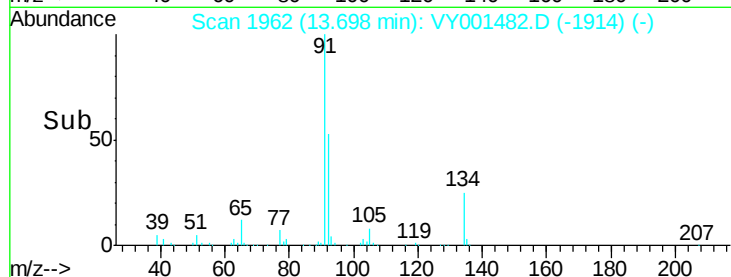
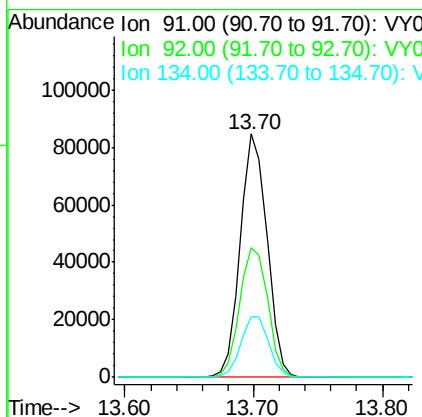
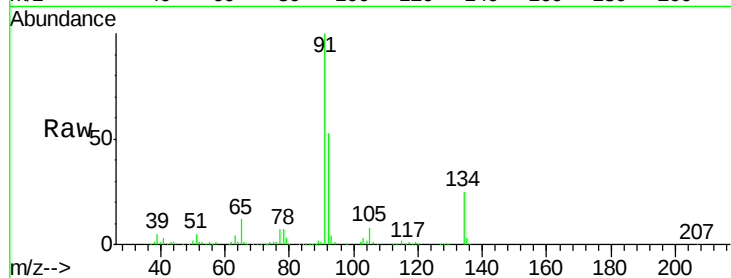
#89
n-Butylbenzene
Concen: 9.859 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.3	81.9
134	25.7	13.0	38.9

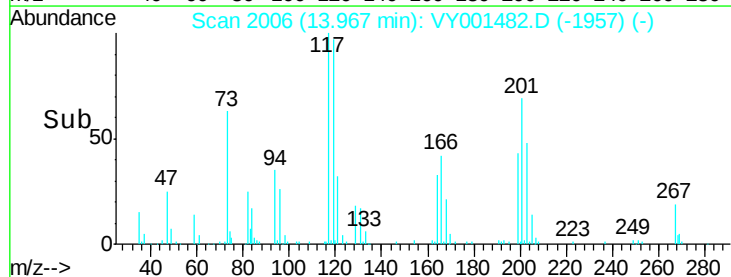
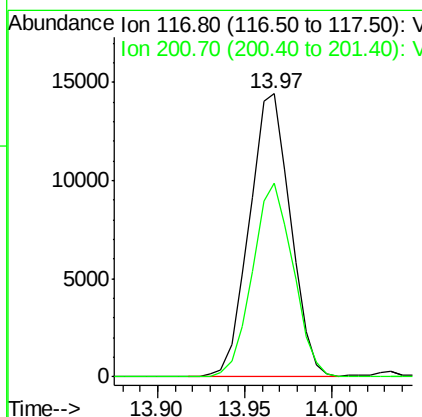
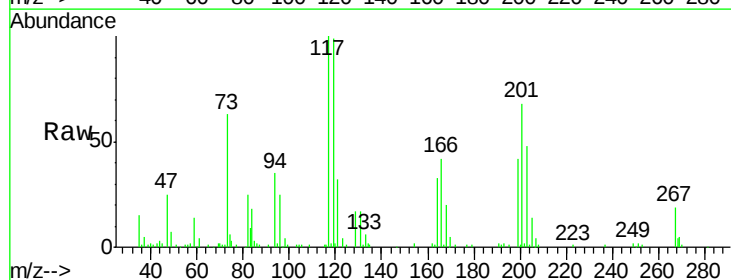
Manual Integrations
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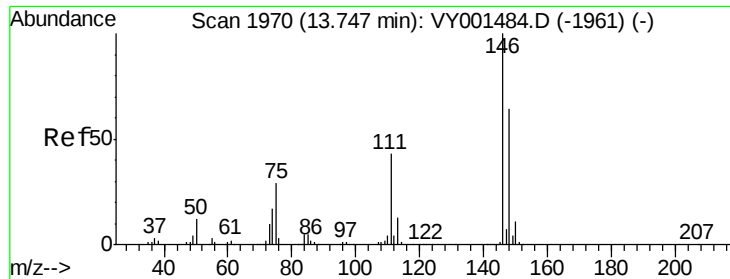
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#90
Hexachloroethane
Concen: 10.088 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	34.1	102.3





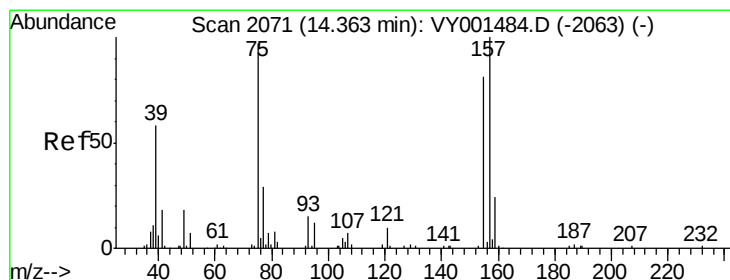
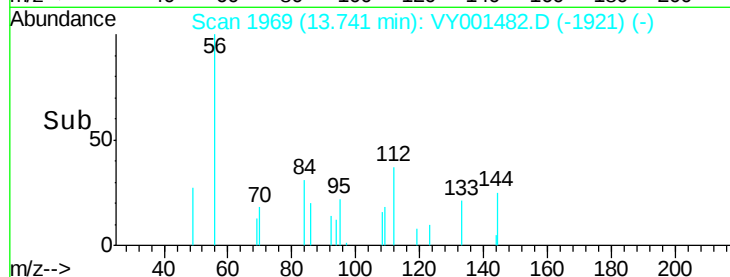
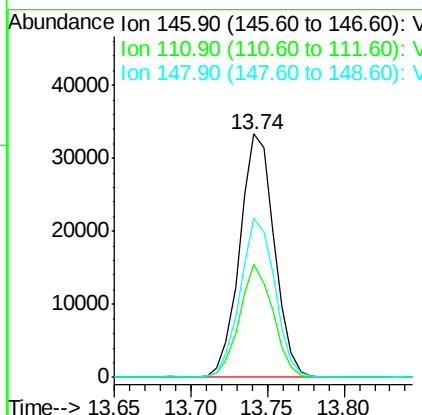
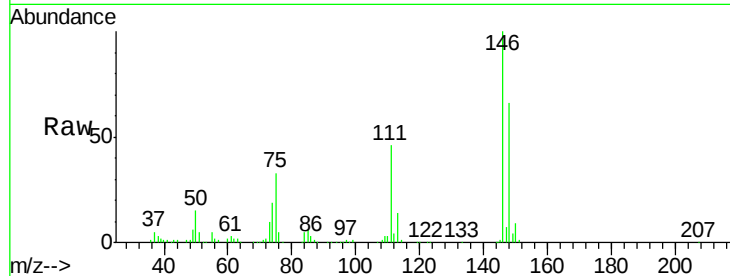
#91
 1,2-Dichlorobenzene
 Concen: 9.532 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.9	65.8
148	65.9	31.8	95.3

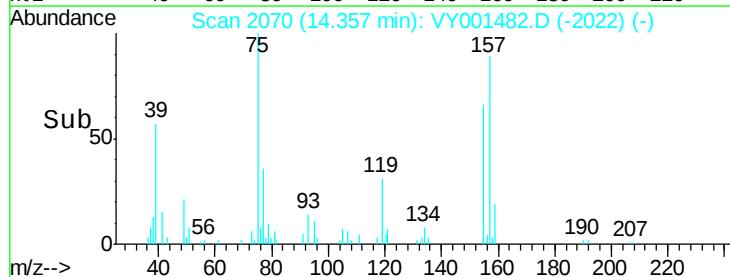
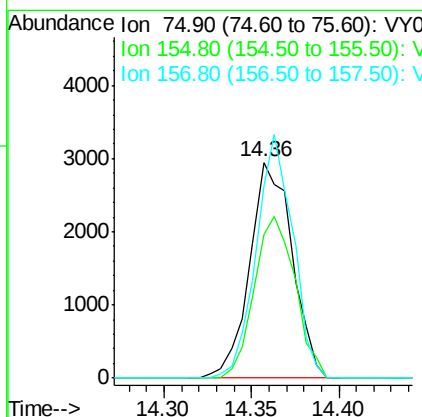
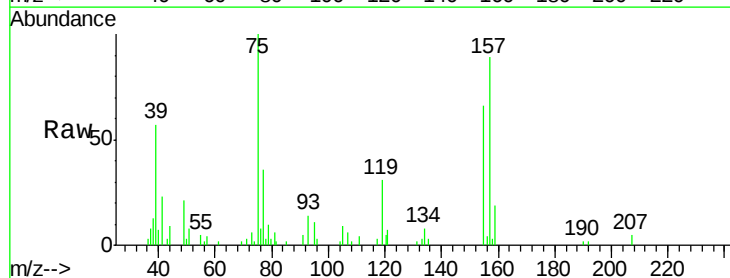
Manual Integrations
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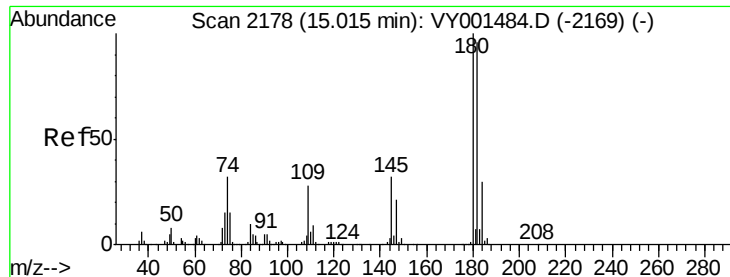
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 2/5/2020 12:23:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.746 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	40.7	122.1
157	97.5	52.3	157.1





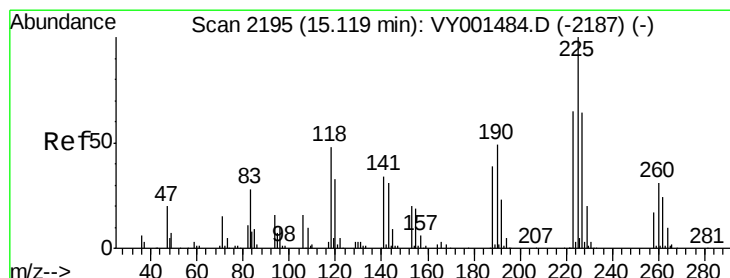
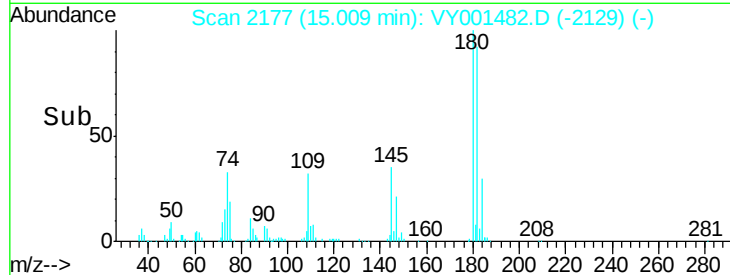
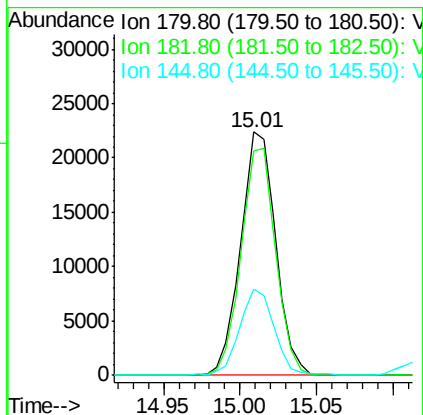
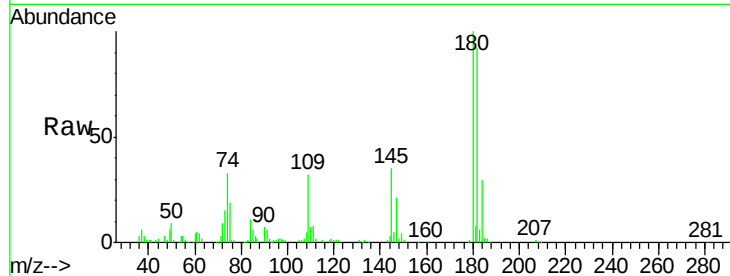
#93
 1,2,4-Trichlorobenzene
 Concen: 9.690 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.9	46.9	140.7	
145	35.2	16.8	50.3	

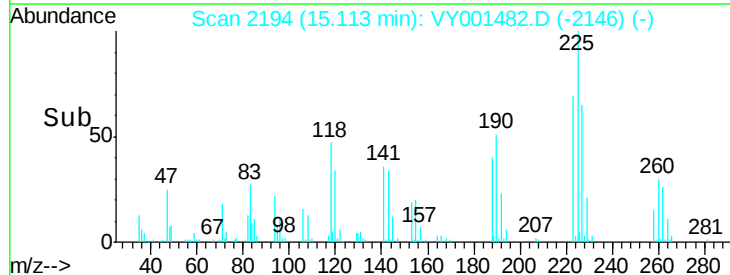
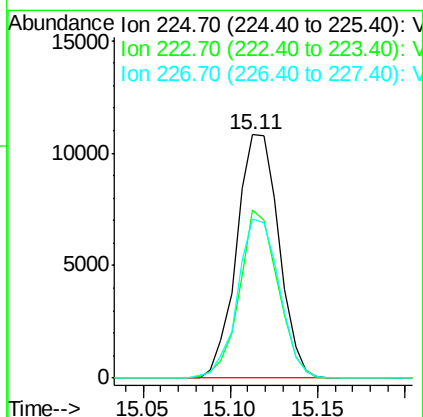
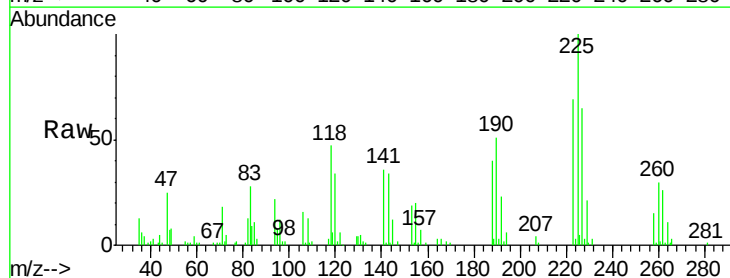
Manual Integrations
 APPROVED

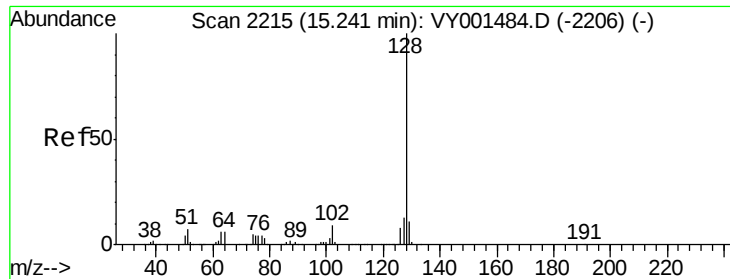
MMDadoda
 2/5/2020 12:23:35 PM



#94
 Hexachlorobutadiene
 Concen: 10.068 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001482.D
 Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.9	95.7	
227	64.5	32.6	97.7	





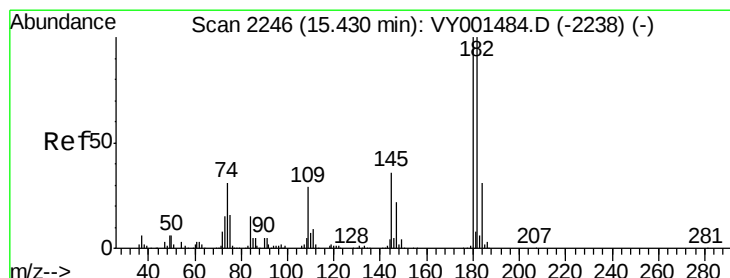
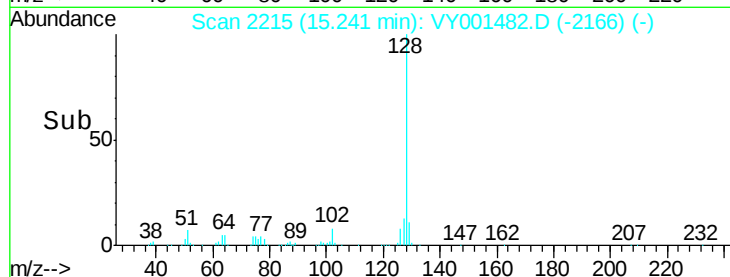
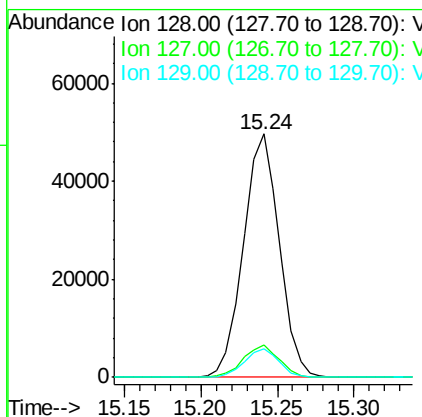
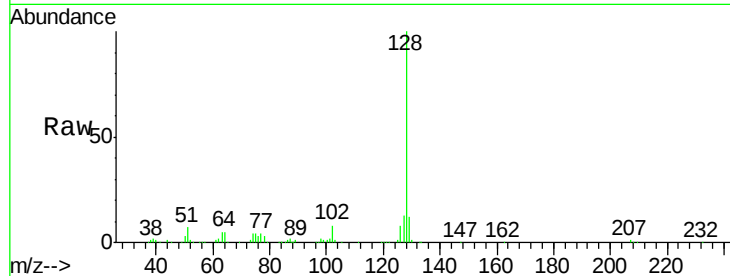
#95
Naphthalene
Concen: 9.681 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.5	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:23:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.677 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001482.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.2
145	36.2	17.8	53.5

