

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003558.D
 Acq On : 20 Nov 2020 10:36
 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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 11/23/2020 1:39:21 PM

Quant Time: Nov 21 00:45:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	152189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	229297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	205484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	102276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	16839	10.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.32%#
35) Dibromofluoromethane	7.72	113	15766	10.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.92%#
50) Toluene-d8	10.18	98	62118	10.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.20%#
62) 4-Bromofluorobenzene	12.48	95	19213	10.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.66%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	4430	9.877	ug/l 96
3) Chloromethane	2.12	50	10985	10.405	ug/l 98
4) Vinyl Chloride	2.26	62	13953	10.216	ug/l 96
5) Bromomethane	2.66	94	12016	10.518	ug/l 92
6) Chloroethane	2.80	64	9671	10.097	ug/l # 88
7) Trichlorofluoromethane	3.13	101	11921	9.894	ug/l 98
8) Diethyl Ether	3.53	74	9322	10.667	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	14352	10.378	ug/l 98
10) Methyl Iodide	4.10	142	25118	10.526	ug/l 98
11) Tert butyl alcohol	5.01	59	5987	39.769	ug/l # 100
12) 1,1-Dichloroethene	3.88	96	15581	10.398	ug/l 94
13) Acrolein	3.74	56	7996	53.033	ug/l 97
14) Allyl chloride	4.49	41	26541	10.566	ug/l 97
15) Acrylonitrile	5.18	53	22326	54.302	ug/l 98
16) Acetone	3.97	43	25768	48.838	ug/l # 85
17) Carbon Disulfide	4.20	76	45396	10.524	ug/l 100
18) Methyl Acetate	4.50	43	11882	10.352	ug/l 98
19) Methyl tert-butyl Ether	5.24	73	23433	10.536	ug/l 98
20) Methylene Chloride	4.72	84	21732	10.846	ug/l 93
21) trans-1,2-Dichloroethene	5.22	96	17599	10.504	ug/l 96
22) Diisopropyl ether	6.13	45	44113	10.245	ug/l 93
23) Vinyl Acetate	6.07	43	176590	52.764	ug/l 100
24) 1,1-Dichloroethane	6.02	63	30158	10.523	ug/l 98
25) 2-Butanone	7.00	43	34683	50.659	ug/l 98
26) 2,2-Dichloropropane	6.99	77	20810	11.104	ug/l 96
27) cis-1,2-Dichloroethene	7.00	96	19051	10.488	ug/l 99
28) Bromochloromethane	7.34	49	13850	9.872	ug/l 98
29) Tetrahydrofuran	7.36	42	19088	53.220	ug/l 99
30) Chloroform	7.52	83	30577	10.692	ug/l 98
31) Cyclohexane	7.79	56	23506	10.289	ug/l # 93
32) 1,1,1-Trichloroethane	7.71	97	23176	10.487	ug/l 98
36) 1,1-Dichloropropene	7.93	75	23743	10.518	ug/l 98
37) Ethyl Acetate	7.08	43	14515	10.670	ug/l 96
38) Carbon Tetrachloride	7.90	117	20892	9.991	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	21721	9.468	ug/l	94
40) Benzene	8.16	78	69968	10.456	ug/l	100
41) Methacrylonitrile	7.32	41	7614m	11.383	ug/l	
42) 1,2-Dichloroethane	8.24	62	20664	10.855	ug/l	98
43) Isopropyl Acetate	8.28	43	26593	10.646	ug/l #	92
44) Trichloroethene	8.94	130	19299	10.584	ug/l	94
45) 1,2-Dichloropropane	9.22	63	17302	10.430	ug/l	90
46) Dibromomethane	9.31	93	9944	10.526	ug/l	98
47) Bromodichloromethane	9.50	83	23448	10.450	ug/l	98
48) Methyl methacrylate	9.30	41	12638	10.570	ug/l	93
49) 1,4-Dioxane	9.32	88	2199	203.164	ug/l #	80
51) 4-Methyl-2-Pentanone	10.07	43	60141	50.237	ug/l	98
52) Toluene	10.24	92	42436	10.357	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	24216	10.312	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	27270	10.202	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	14065	10.497	ug/l	97
56) Ethyl methacrylate	10.51	69	15949	9.795	ug/l	99
57) 1,3-Dichloropropane	10.79	76	23436	10.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	42520	50.885	ug/l	99
59) 2-Hexanone	10.83	43	48922	49.573	ug/l	98
60) Dibromochloromethane	10.99	129	16746	10.337	ug/l	99
61) 1,2-Dibromoethane	11.09	107	13811	10.696	ug/l	97
64) Tetrachloroethene	10.72	164	15961	10.399	ug/l	98
65) Chlorobenzene	11.52	112	47380	10.657	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	13390	10.496	ug/l	98
67) Ethyl Benzene	11.59	91	74745	10.260	ug/l	97
68) m/p-Xylenes	11.70	106	57119	20.476	ug/l	99
69) o-Xylene	12.03	106	22194	9.947	ug/l	98
70) Styrene	12.04	104	45235	10.058	ug/l	99
71) Bromoform	12.20	173	11020	10.697	ug/l #	96
73) Isopropylbenzene	12.33	105	50396	9.892	ug/l	100
74) N-amyl acetate	12.14	43	19318	9.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	14509	10.235	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	11927m	11.438	ug/l	
77) Bromobenzene	12.61	156	19629	10.472	ug/l	99
78) n-propylbenzene	12.67	91	71126	9.938	ug/l	99
79) 2-Chlorotoluene	12.75	91	41899	10.142	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	39026	10.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	6239	10.003	ug/l	97
82) 4-Chlorotoluene	12.85	91	50893	10.055	ug/l	100
83) tert-Butylbenzene	13.07	119	38954	10.050	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	41618	10.208	ug/l	99
85) sec-Butylbenzene	13.25	105	45465	10.363	ug/l	98
86) p-Isopropyltoluene	13.36	119	40264	10.229	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	35169	10.308	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	35919	10.273	ug/l	96
89) n-Butylbenzene	13.69	91	41433	9.837	ug/l	100
90) Hexachloroethane	13.95	117	10587	10.171	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	28627	10.512	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1969	10.664	ug/l	90

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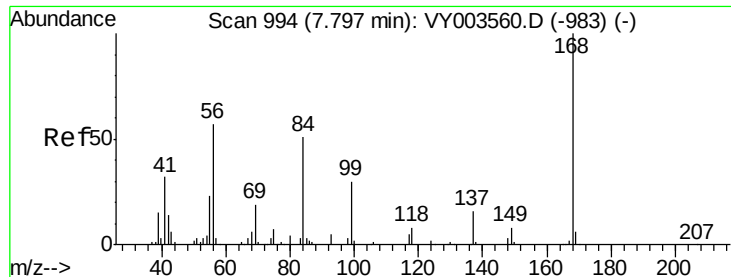
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 21 00:32:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	15158	9.924	ug/l	98
94) Hexachlorobutadiene	15.11	225	9806	11.295	ug/l	97
95) Naphthalene	15.23	128	25351	9.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	11377	10.133	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 152189

Ion Ratio Lower Upper

168 100

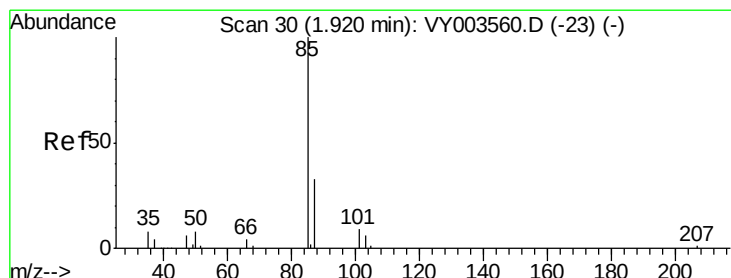
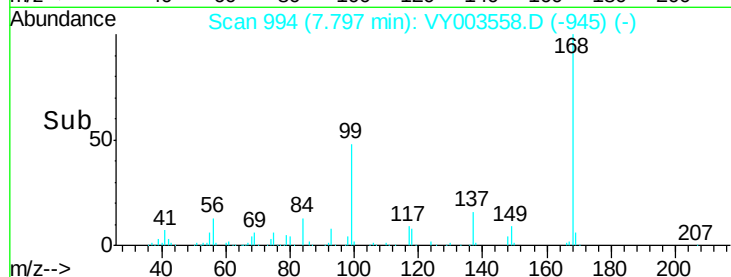
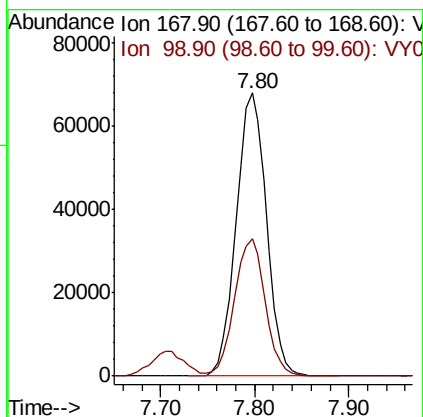
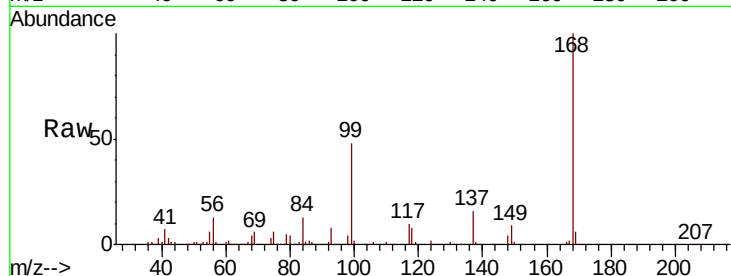
99 48.3 37.6 56.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 9.877 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003558.D

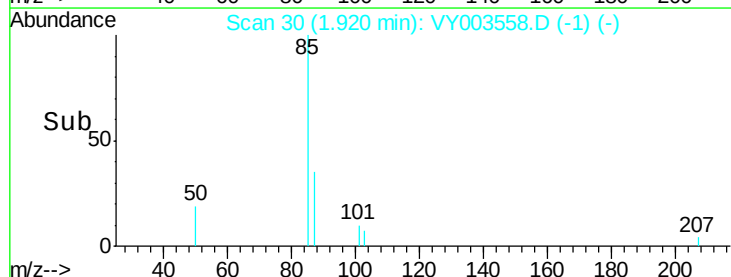
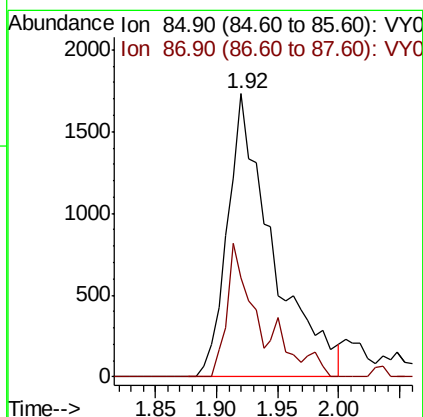
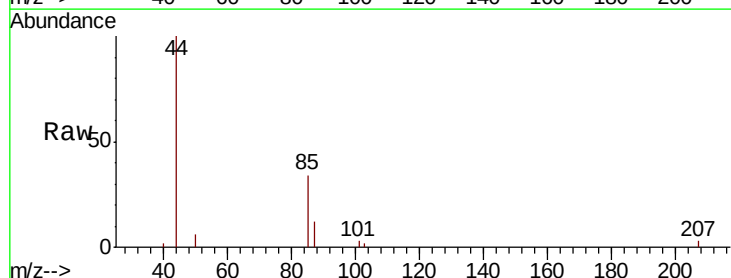
Acq: 20 Nov 2020 10:36

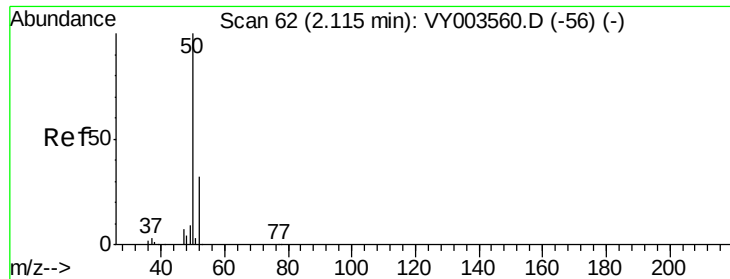
Tgt Ion: 85 Resp: 4430

Ion Ratio Lower Upper

85 100

87 35.1 16.5 49.5





#3

Chloromethane

Concen: 10.405 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 10985

Ion Ratio Lower Upper

50 100

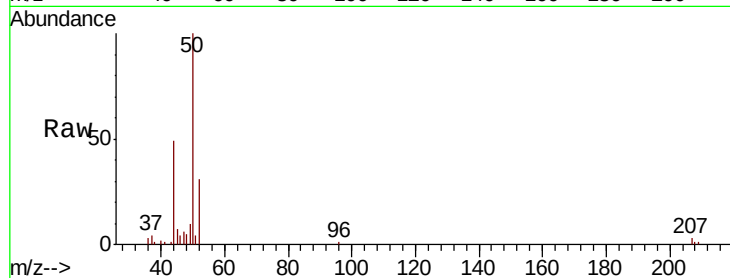
52 31.2 25.8 38.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

8000

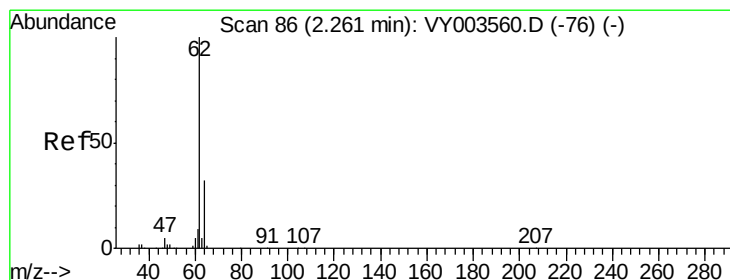
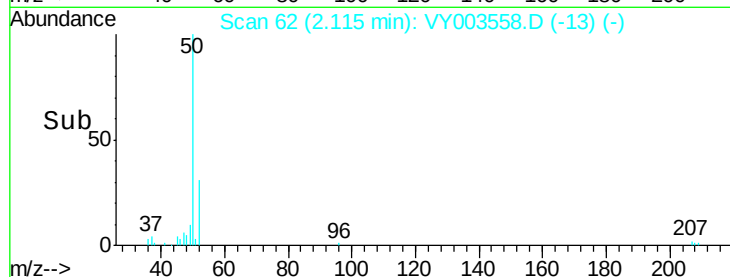
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 10.216 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003558.D

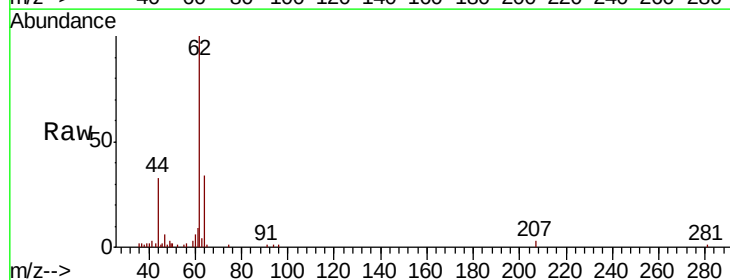
Acq: 20 Nov 2020 10:36

Tgt Ion: 62 Resp: 13953

Ion Ratio Lower Upper

62 100

64 34.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

8000

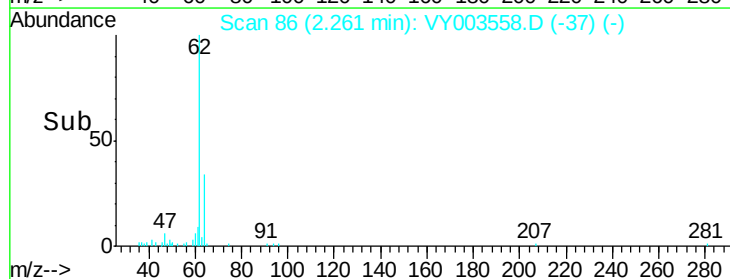
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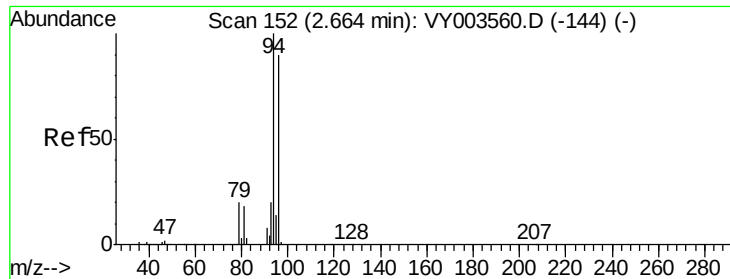
4000

2000

0

Time-->





#5

Bromomethane

Concen: 10.518 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 12016

Ion Ratio Lower Upper

94 100

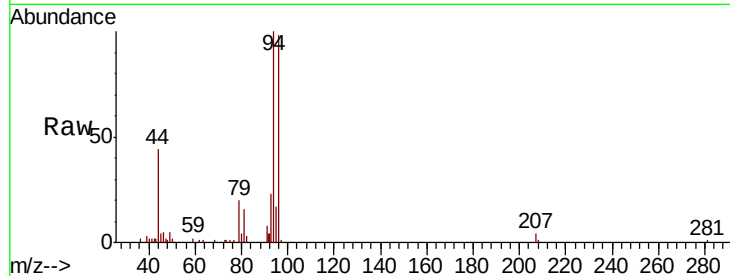
96 97.5 71.9 107.9

Manual Integrations

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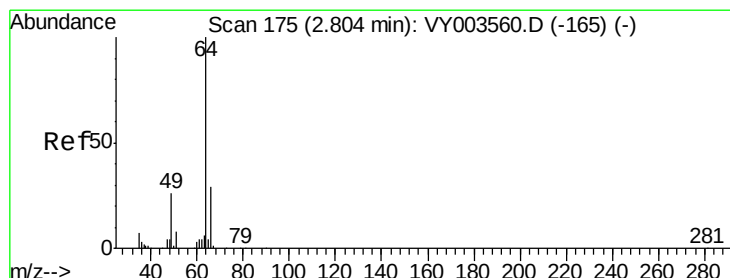
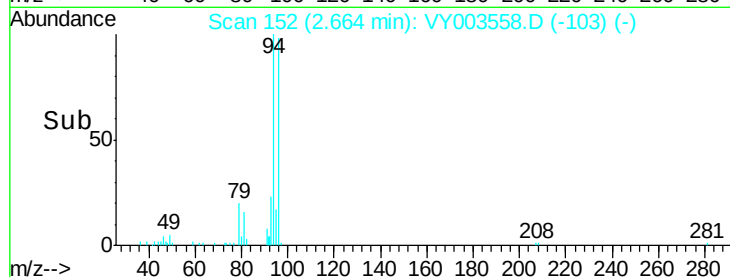
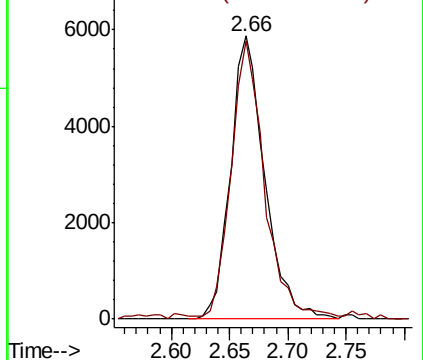
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.097 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY003558.D

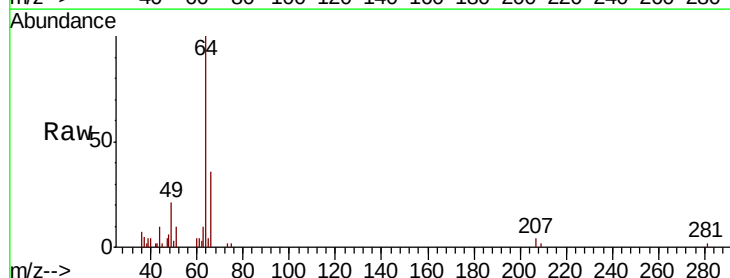
Acq: 20 Nov 2020 10:36

Tgt Ion: 64 Resp: 9671

Ion Ratio Lower Upper

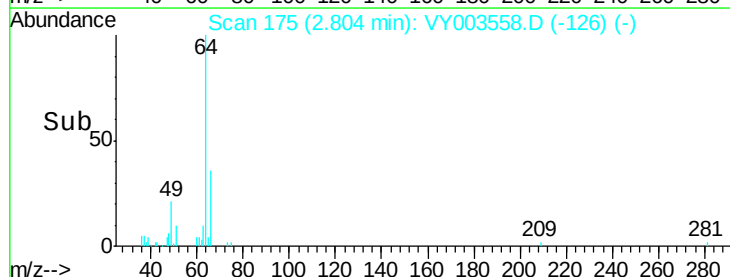
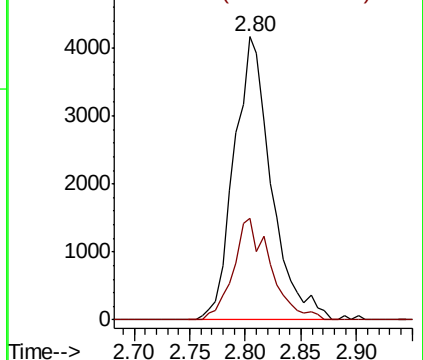
64 100

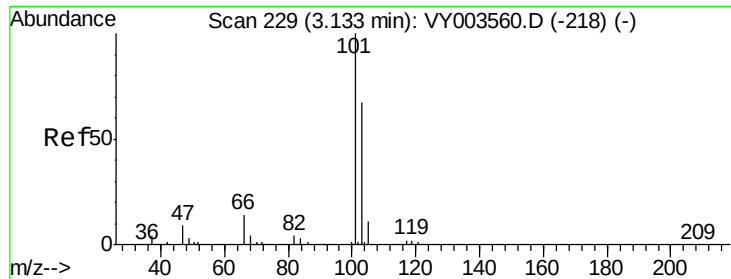
66 36.0 23.6 35.4#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

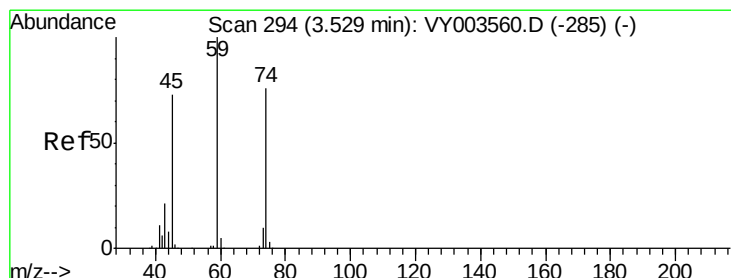
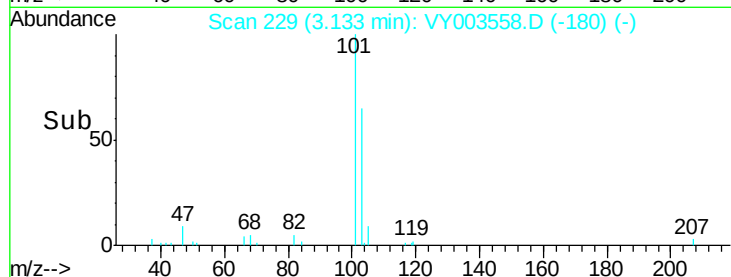
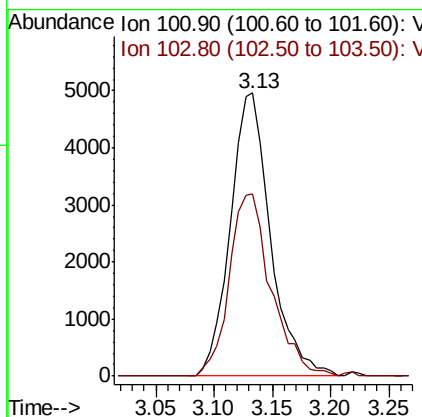
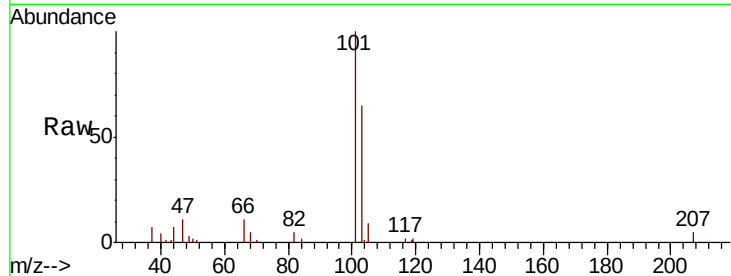
Trichlorofluoromethane
Concen: 9.894 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.3	79.9

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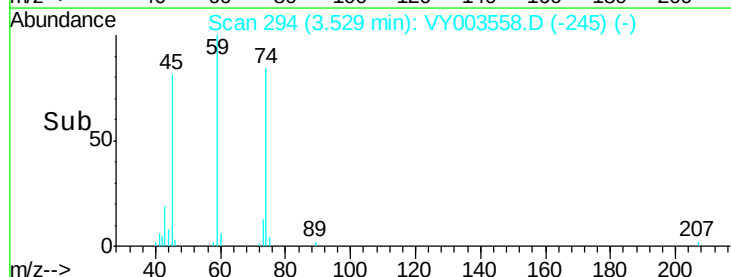
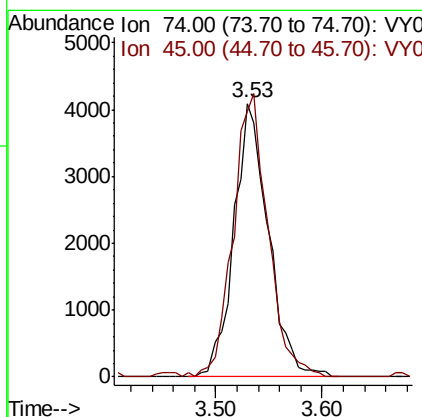
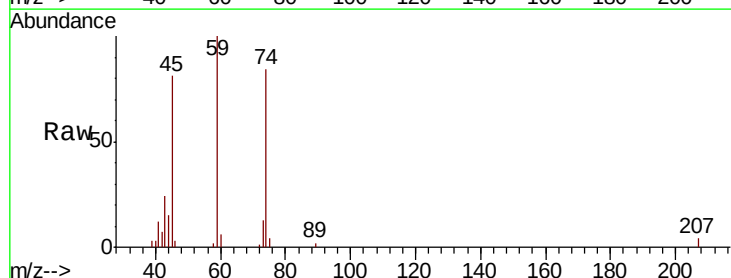
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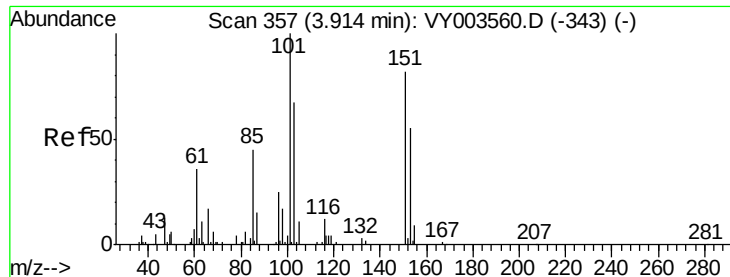


#8

Diethyl Ether
Concen: 10.667 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.378 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

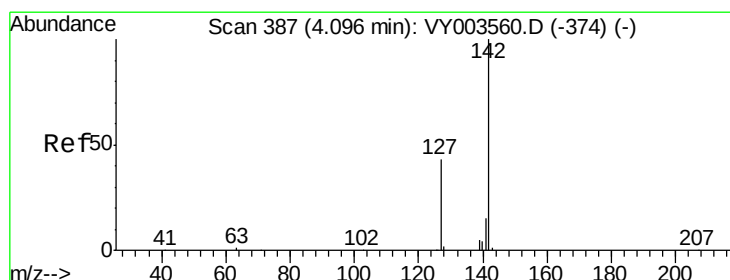
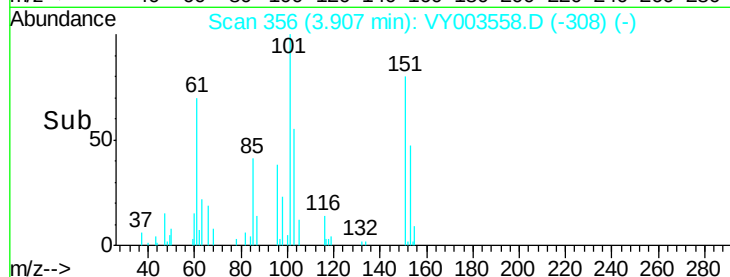
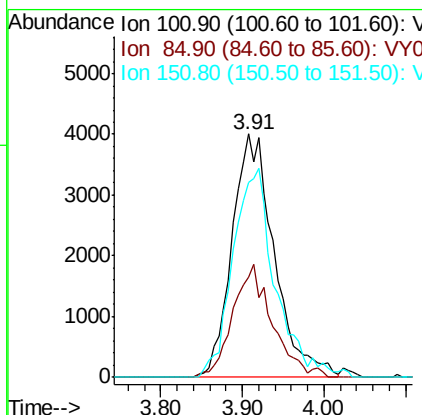
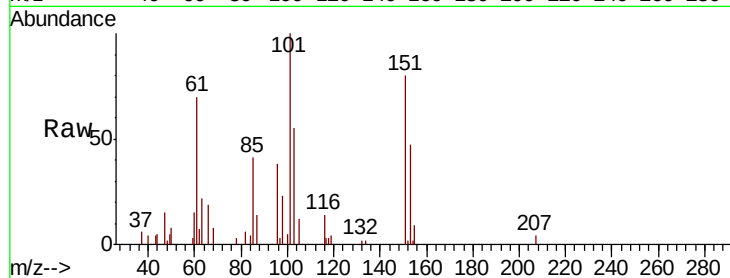
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	14352
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.9	53.9
151	83.1	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 10.526 ug/l

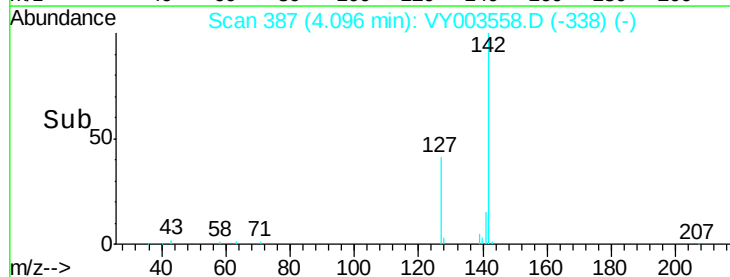
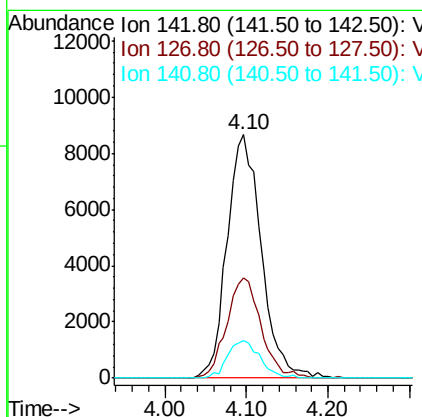
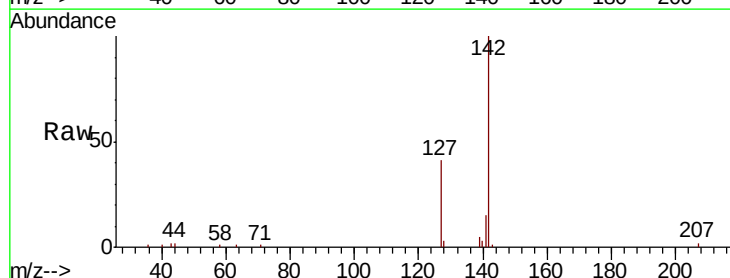
RT: 4.10 min Scan# 387

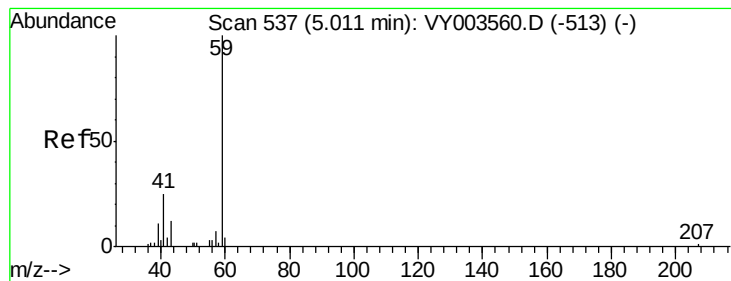
Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion:	142	Resp:	25118
Ion Ratio	Lower	Upper	
142	100		
127	41.4	34.2	51.2
141	14.5	11.5	17.3





#11

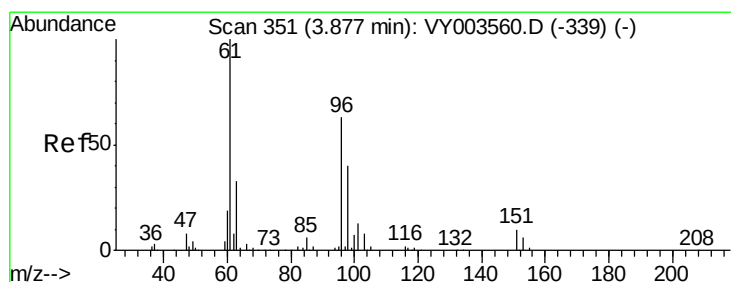
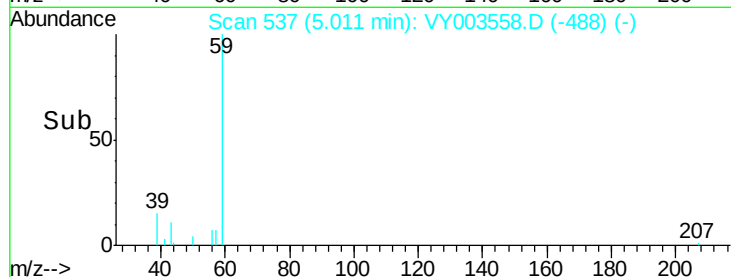
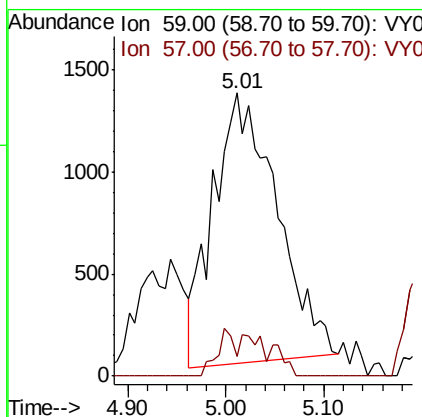
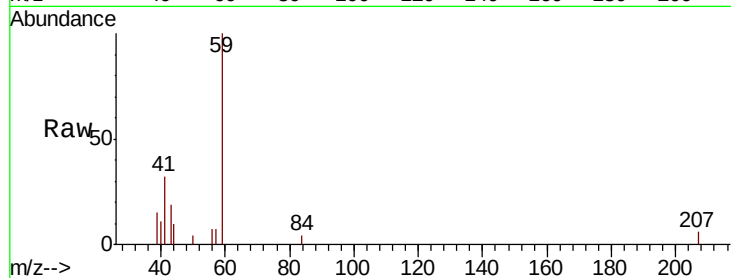
Tert butyl alcohol
Concen: 39.769 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 5987
Ion Ratio Lower Upper
59 100
57 3.3 0.0 0.0#

Manual Integrations
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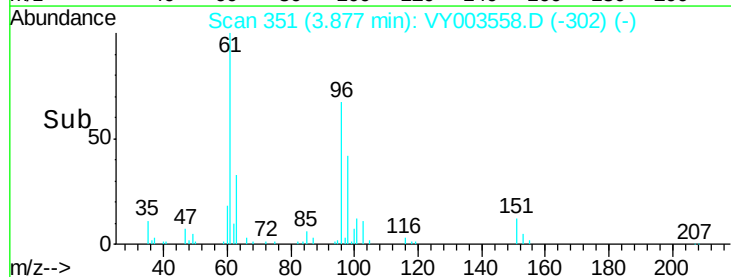
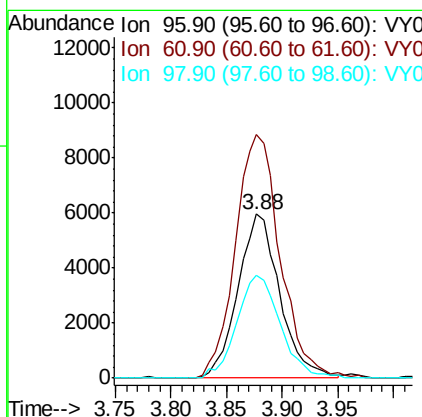
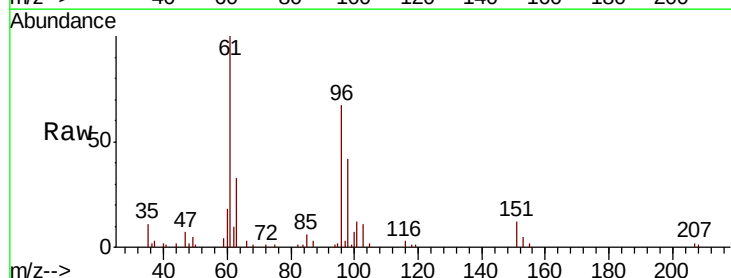
MMDadoda
11/23/2020 1:39:21 PM

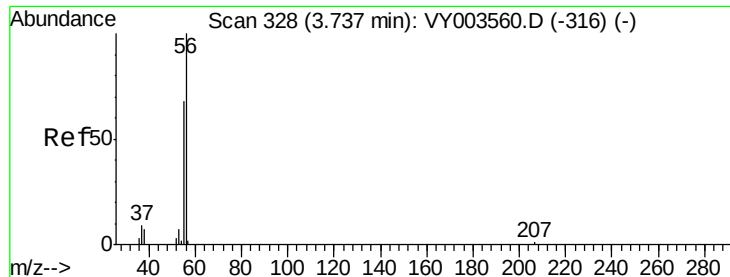


#12

1,1-Dichloroethene
Concen: 10.398 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 96 Resp: 15581
Ion Ratio Lower Upper
96 100
61 148.3 127.3 190.9
98 62.3 50.6 76.0





#13

Acrolein

Concen: 53.033 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 7996

Ion Ratio Lower Upper

56 100

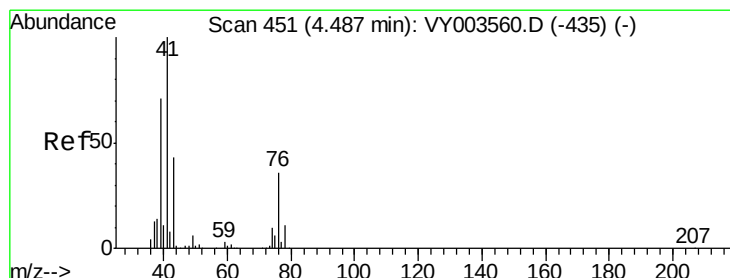
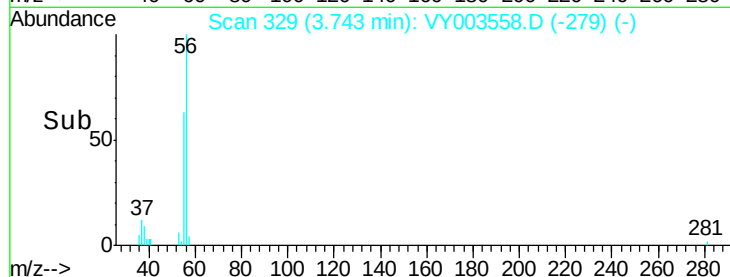
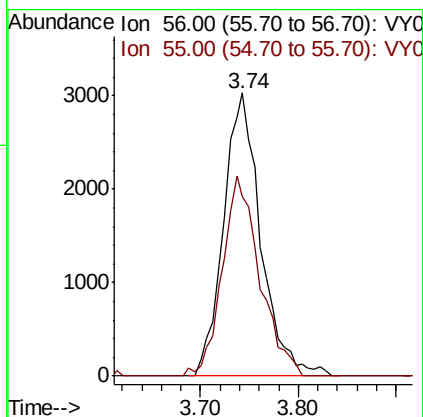
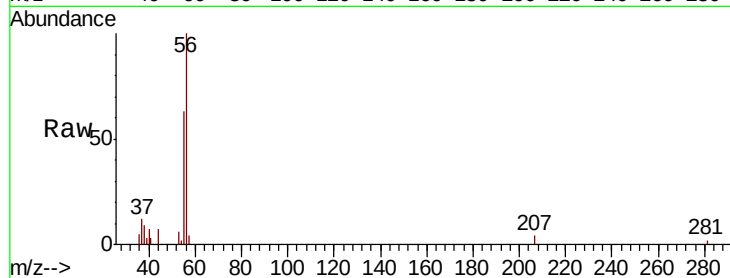
55 71.0 54.6 81.8

Manual Integrations

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#14

Allyl chloride

Concen: 10.566 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

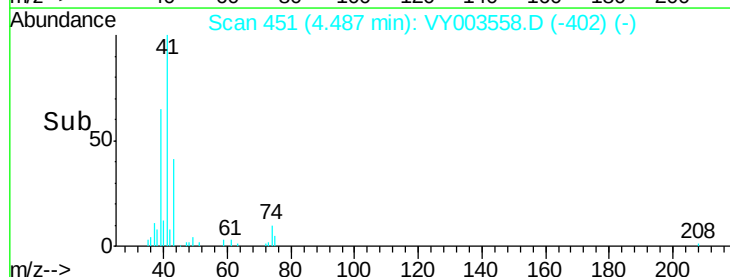
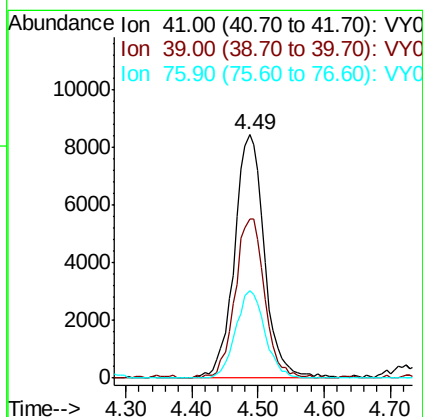
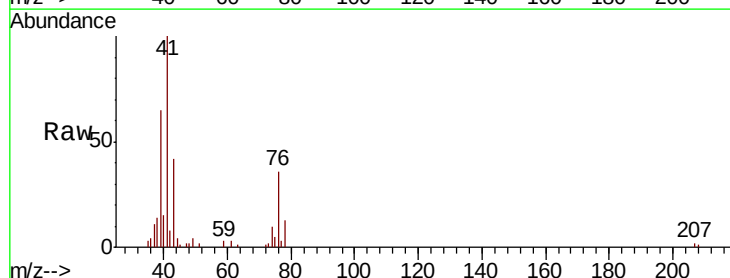
Tgt Ion: 41 Resp: 26541

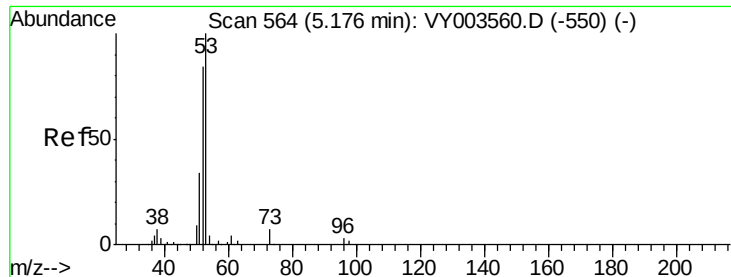
Ion Ratio Lower Upper

41 100

39 64.6 54.2 81.2

76 34.9 28.9 43.3





#15

Acrylonitrile

Concen: 54.302 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

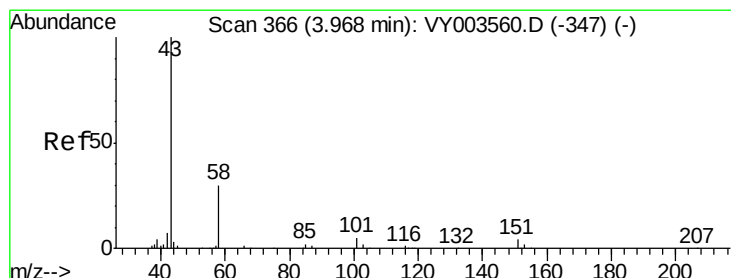
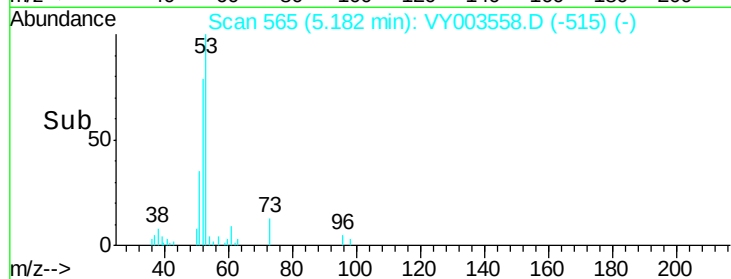
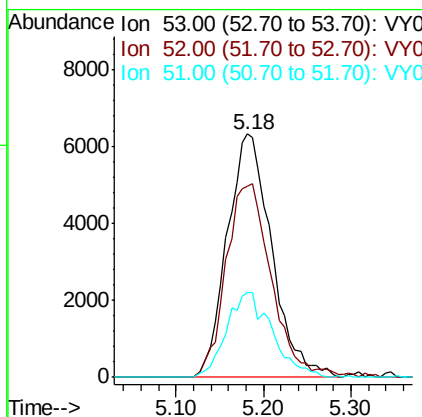
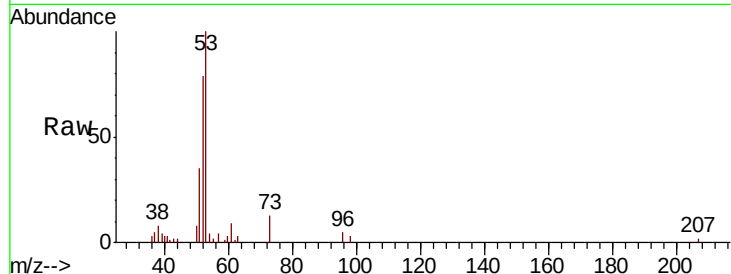
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	22326
Ion	Ratio	Lower	Upper
53	100		
52	80.0	66.4	99.6
51	35.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 48.838 ug/l

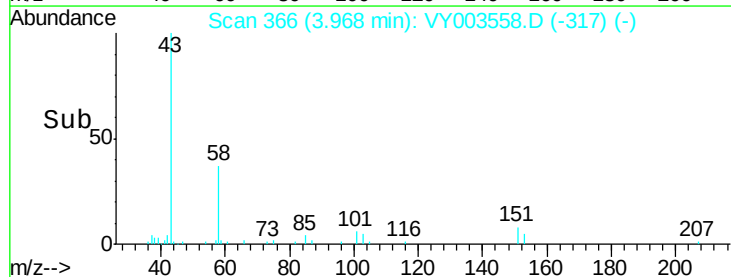
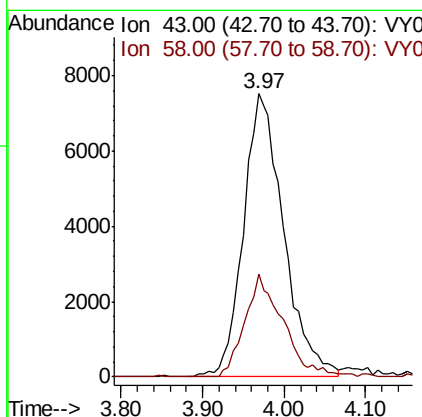
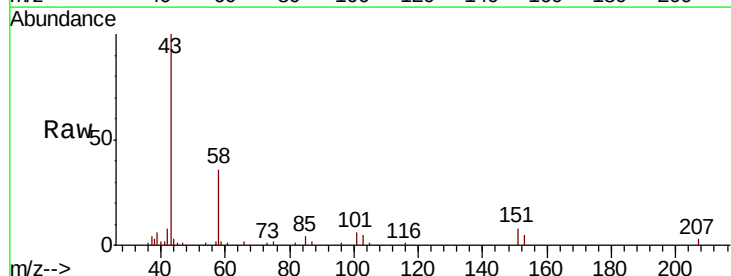
RT: 3.97 min Scan# 366

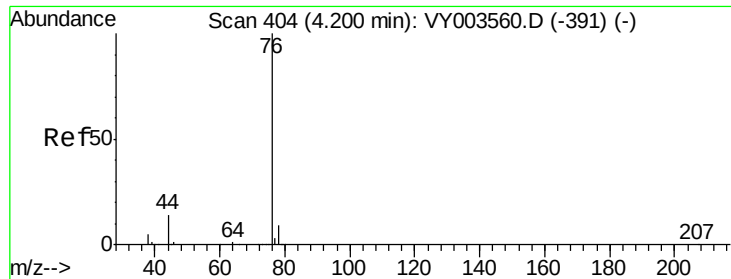
Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion:	43	Resp:	25768
Ion	Ratio	Lower	Upper
43	100		
58	38.2	23.8	35.8#





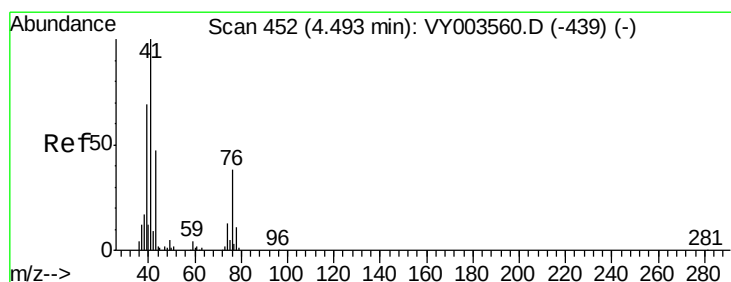
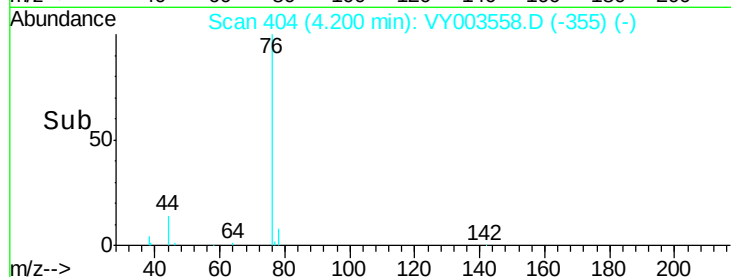
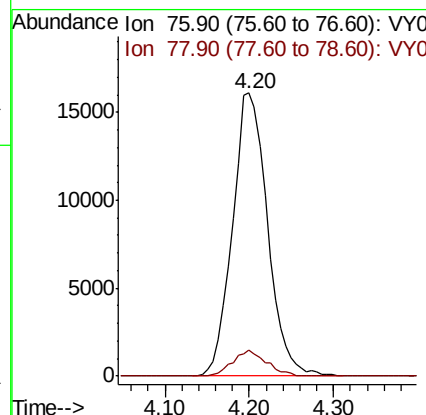
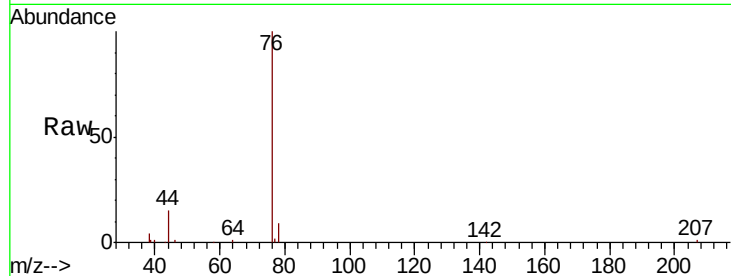
#17
Carbon Disulfide
Concen: 10.524 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

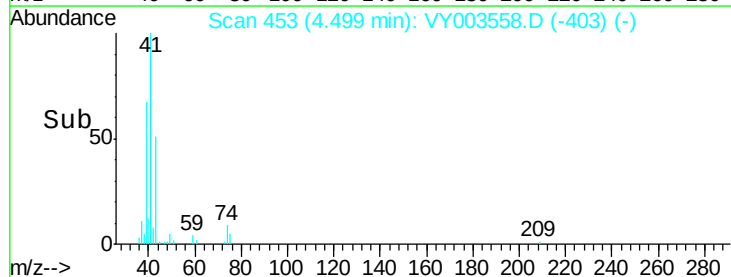
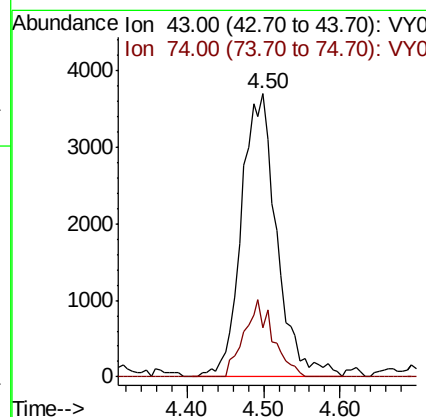
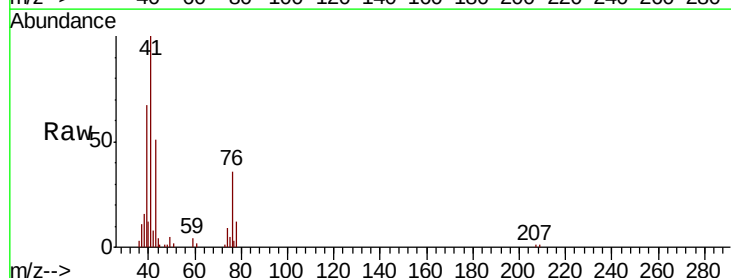
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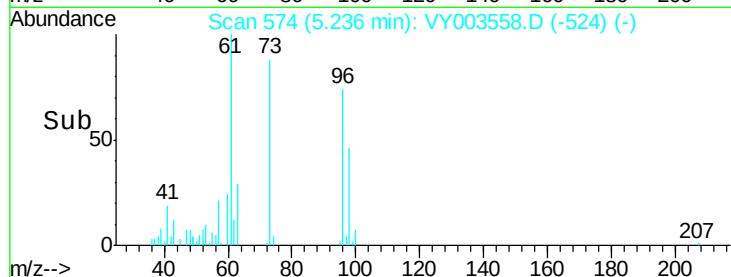
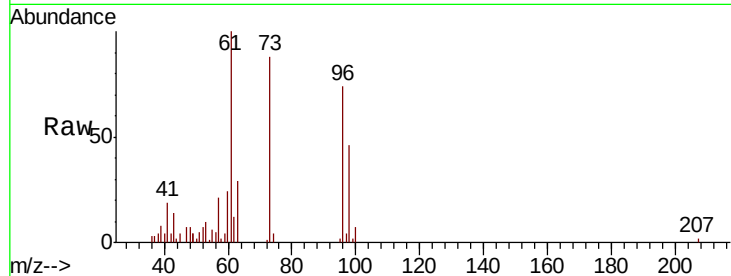
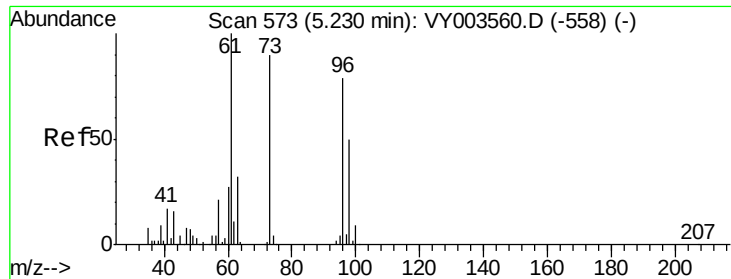
MMDadoda
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#18
Methyl Acetate
Concen: 10.352 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.9	28.3





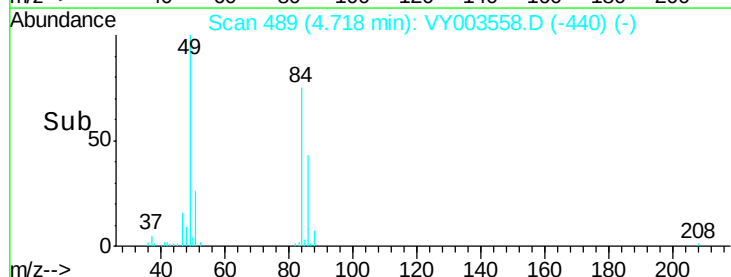
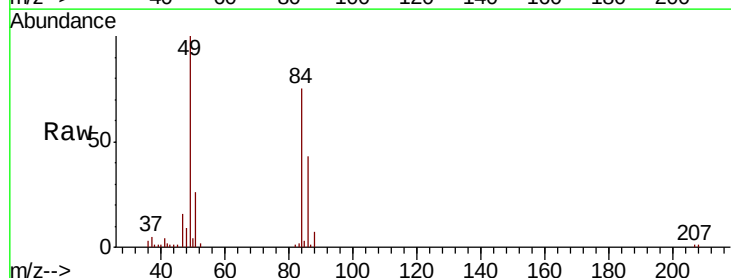
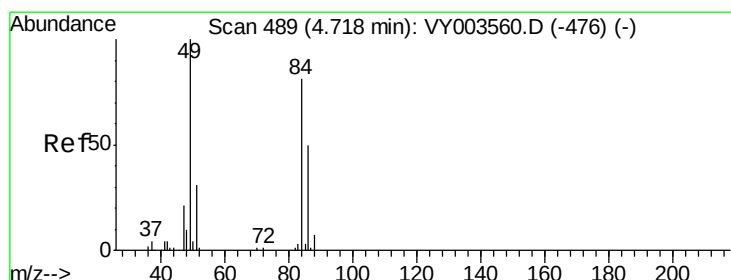
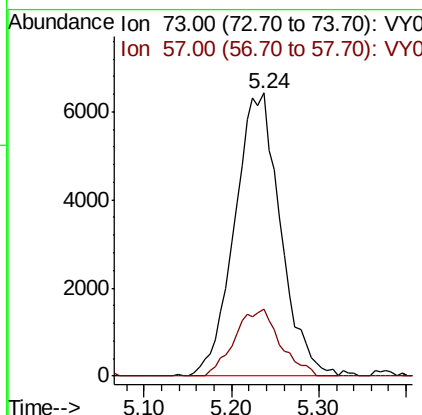
#19
Methyl tert-butyl Ether
Concen: 10.536 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tot Ion: 73 Resp: 23433
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

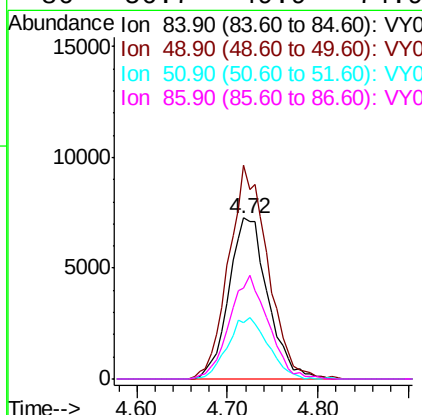
Manual Integrations
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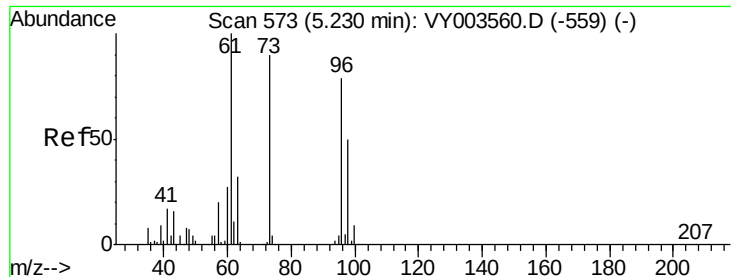
MMDadoda
11/23/2020 1:39:21 PM



#20
Methylene Chloride
Concen: 10.846 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 84 Resp: 21732
Ion Ratio Lower Upper
84 100
49 132.8 99.0 148.6
51 35.2 30.5 45.7
86 56.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 10.504 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 96 Resp: 17599

Ion Ratio Lower Upper

96 100

61 120.2 101.0 151.4

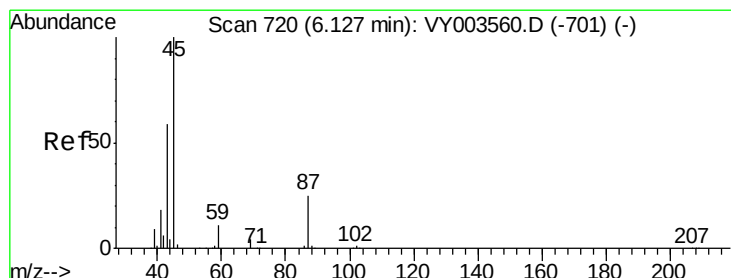
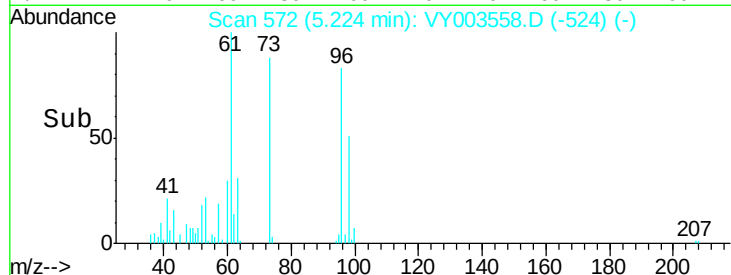
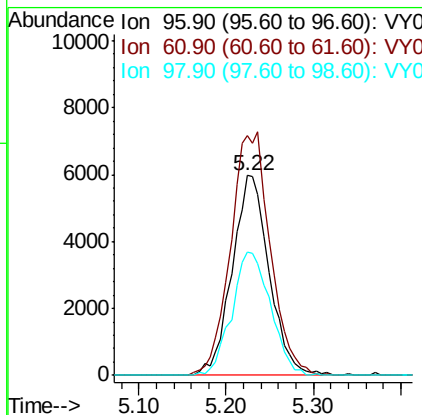
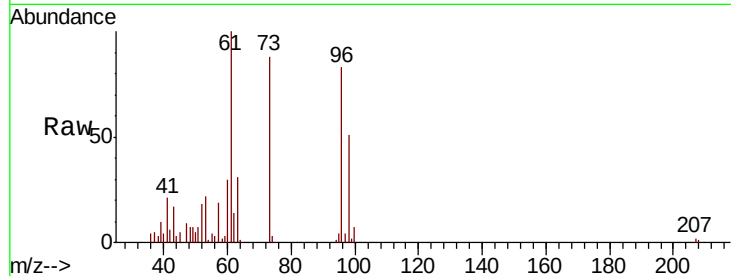
98 61.8 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 10.245 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion: 45 Resp: 44113

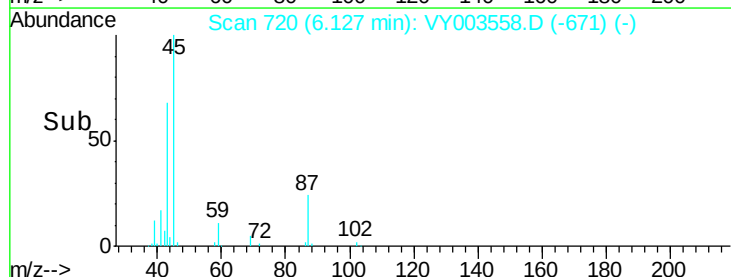
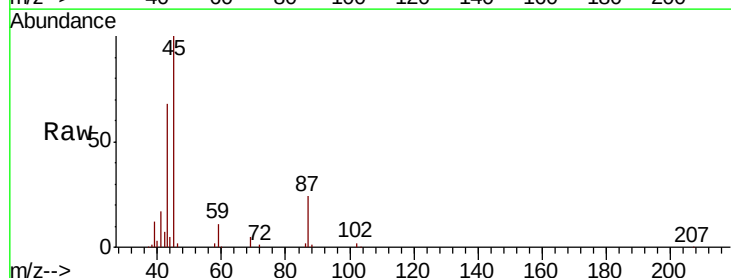
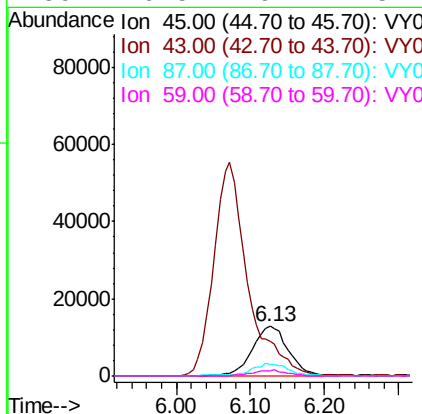
Ion Ratio Lower Upper

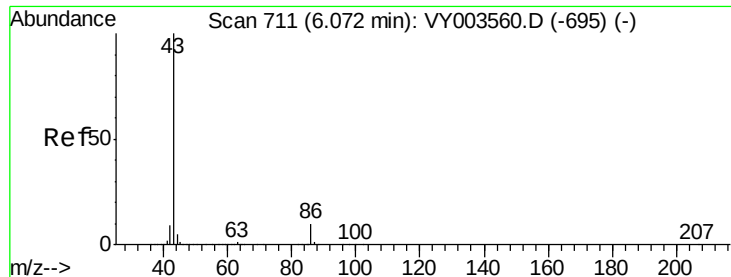
45 100

43 66.3 48.1 72.1

87 23.1 20.3 30.5

59 10.5 9.1 13.7





#23

Vinyl Acetate

Concen: 52.764 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 176590

Ion Ratio Lower Upper

43 100

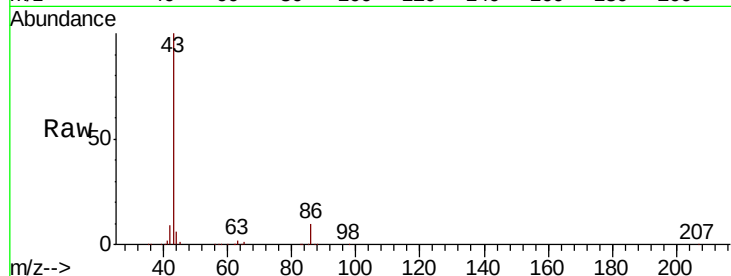
86 10.0 8.0 12.0

Manual Integrations

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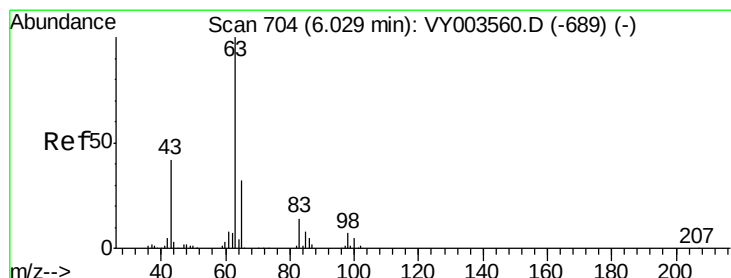
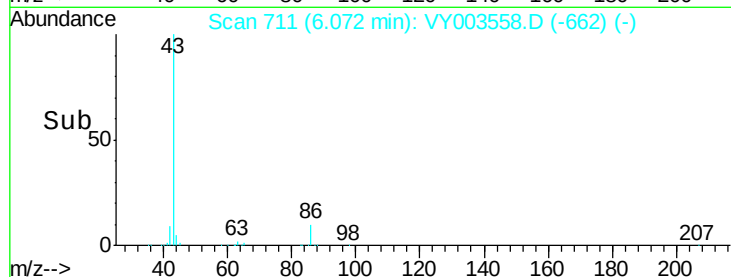
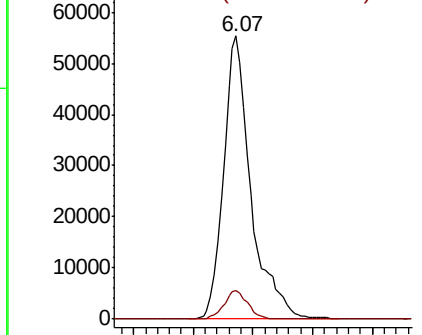
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.523 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

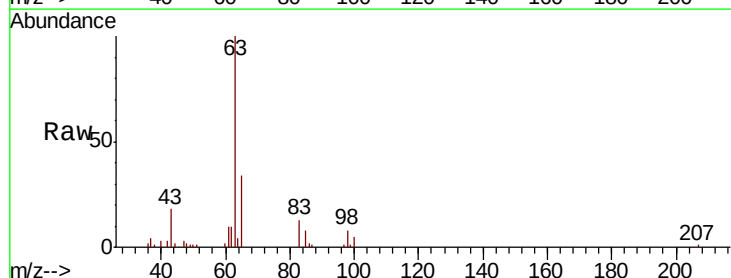
Tgt Ion: 63 Resp: 30158

Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.2

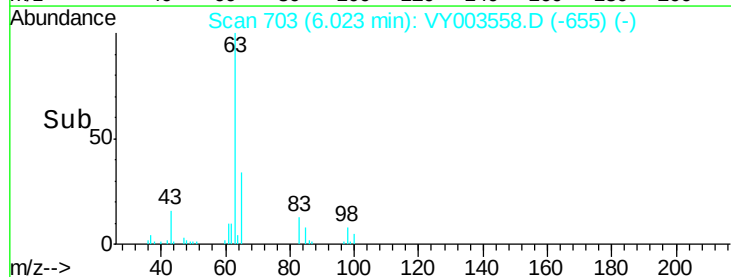
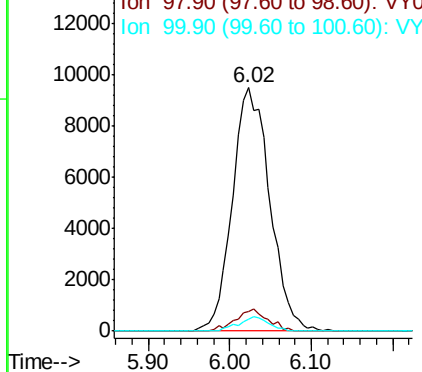
100 4.7 2.5 7.4

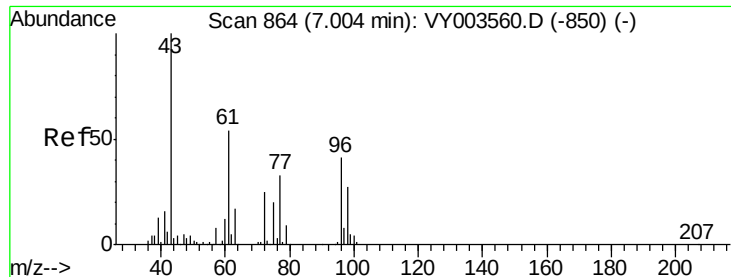


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





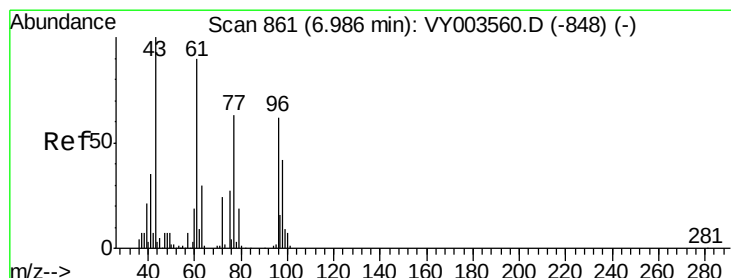
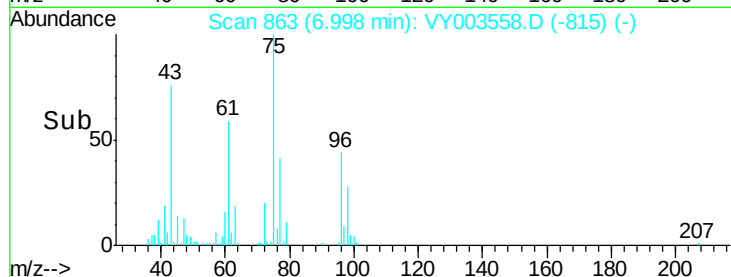
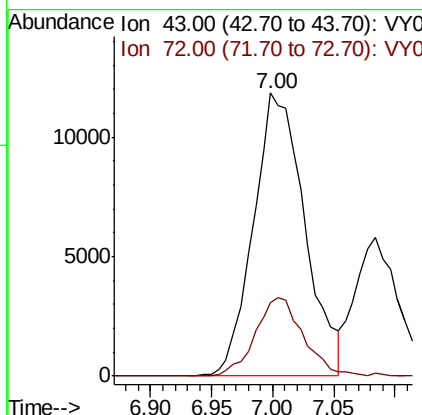
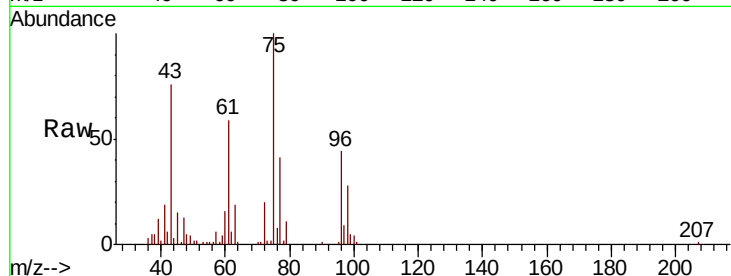
#25
2-Butanone
Concen: 50.659 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 34683
Ion Ratio Lower Upper
43 100
72 26.0 19.8 29.8

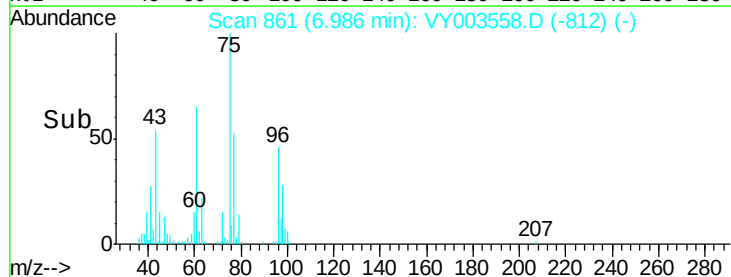
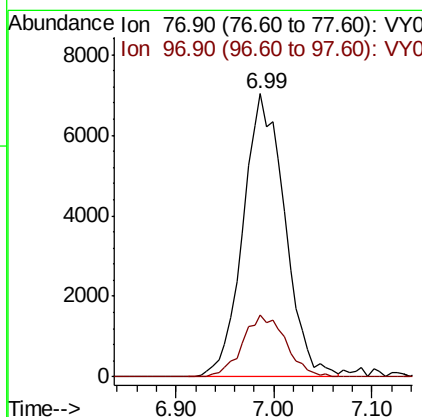
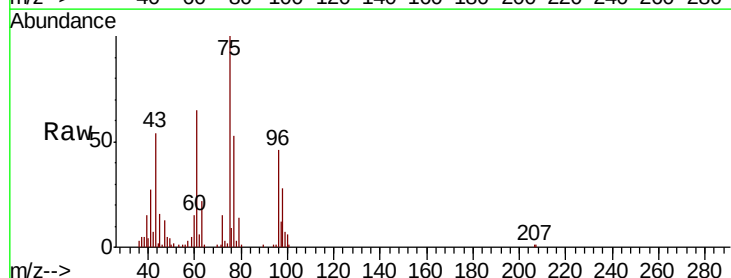
Manual Integrations
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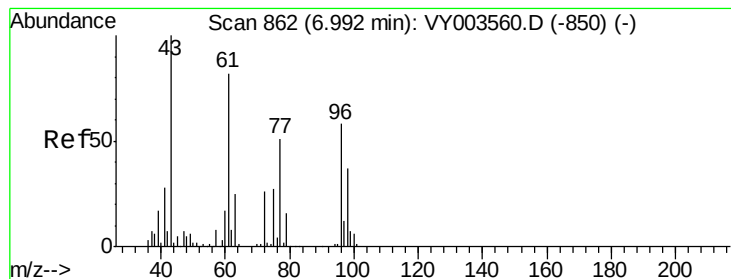
MMDadoda
11/23/2020 1:39:21 PM



#26
2,2-Dichloropropane
Concen: 11.104 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 77 Resp: 20810
Ion Ratio Lower Upper
77 100
97 22.5 12.2 36.6





#27

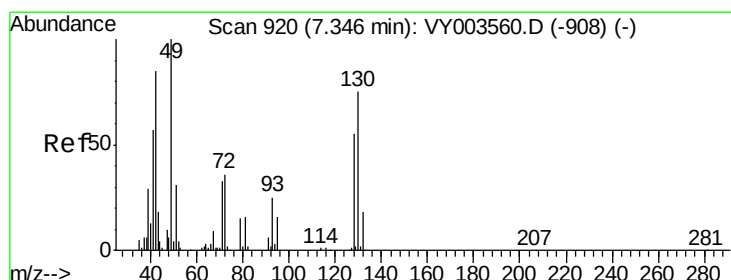
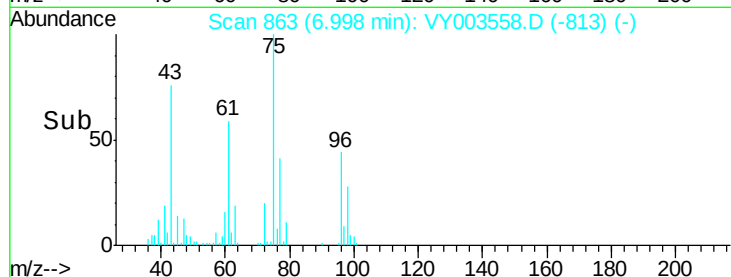
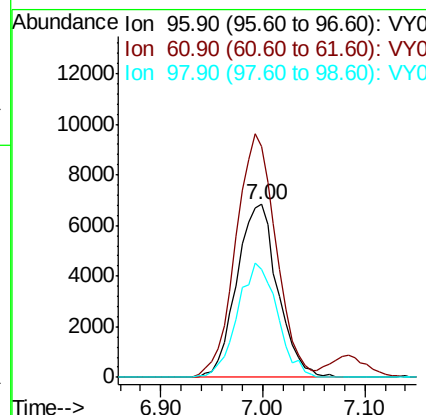
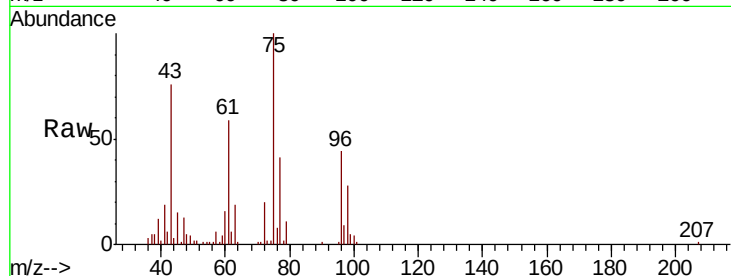
cis-1,2-Dichloroethene
Concen: 10.488 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	274.6
98	64.5	0.0	130.6

Manual Integrations
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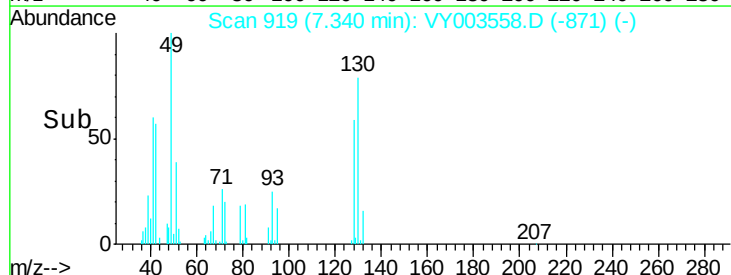
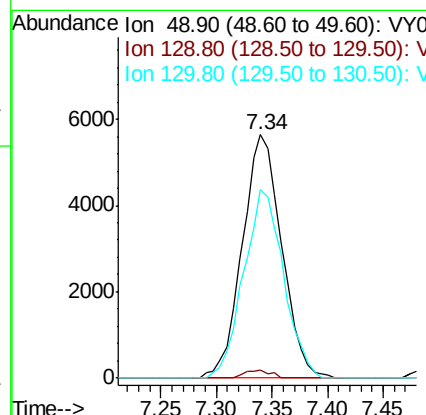
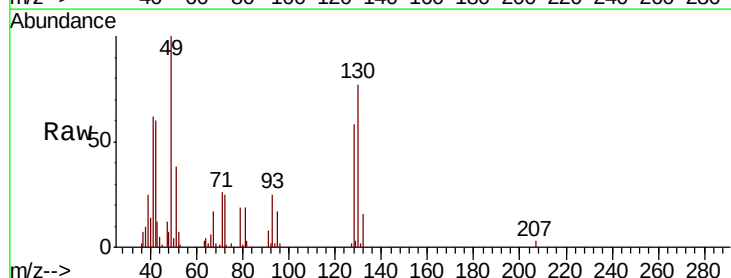
MMDadoda
11/23/2020 1:39:21 PM

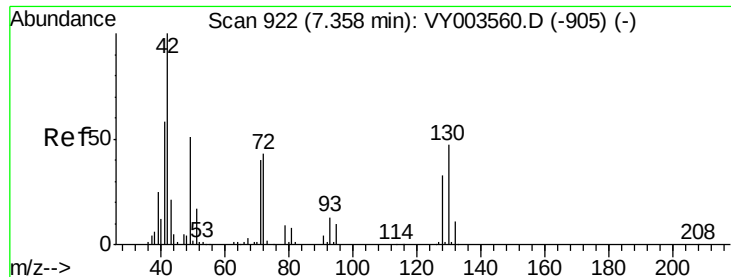


#28

Bromochloromethane
Concen: 9.872 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	78.4	61.0	91.6





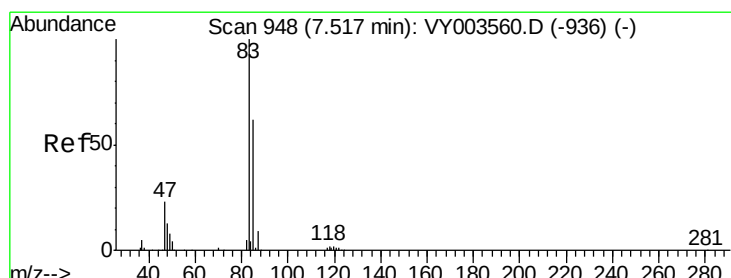
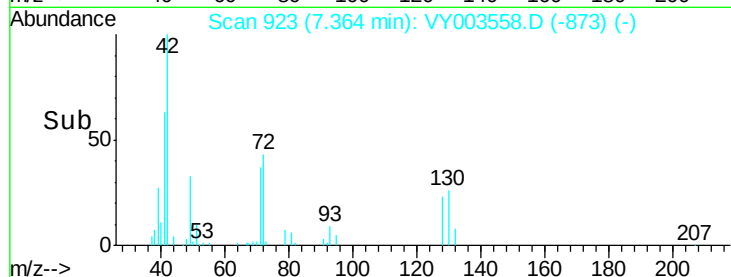
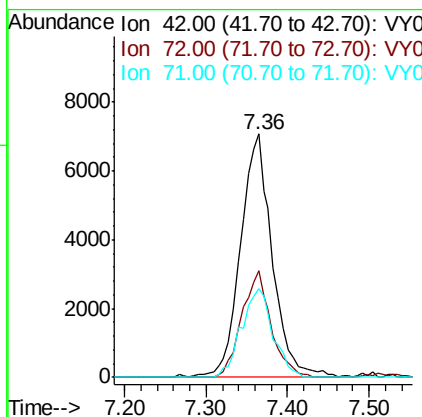
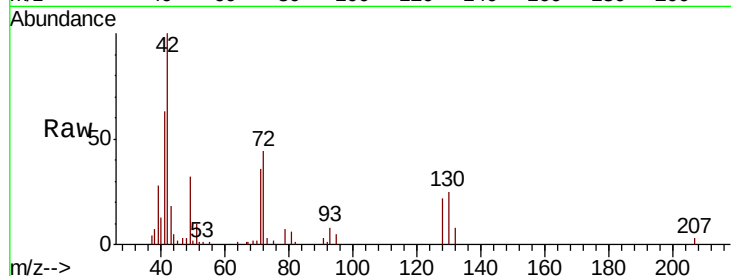
#29
Tetrahydrofuran
Concen: 53.220 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	19088
Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.6	49.0
71	36.3	30.2	45.2

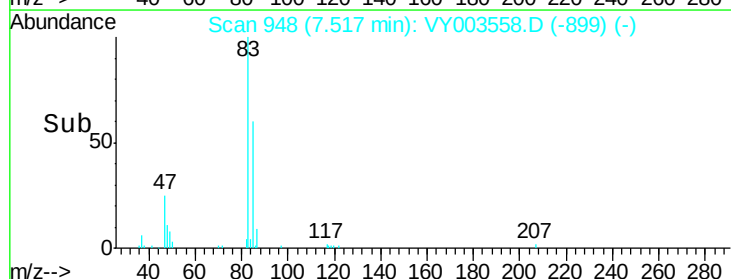
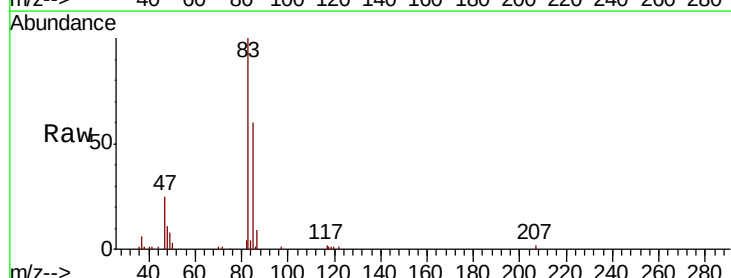
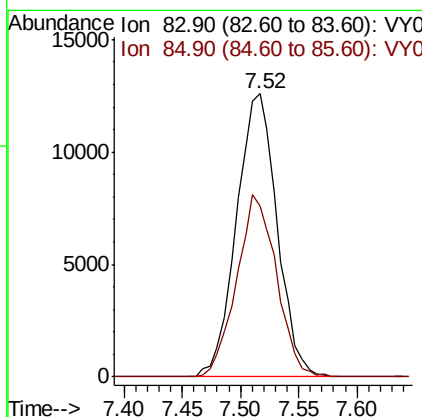
Manual Integrations
APPROVED

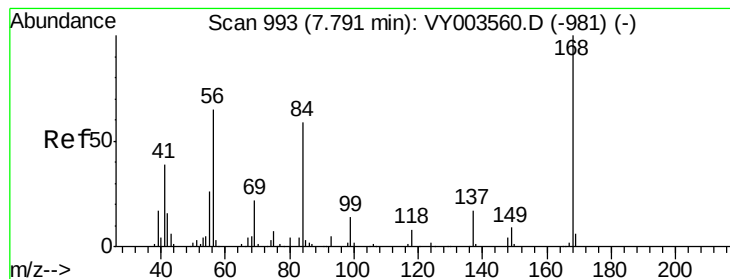
MMDadoda
11/23/2020 1:39:21 PM



#30
Chloroform
Concen: 10.692 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:	83	Resp:	30577
Ion	Ratio	Lower	Upper
83	100		
85	60.3	49.6	74.4





#31

Cyclohexane

Concen: 10.289 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 23506

Ion Ratio Lower Upper

56 100

69 44.9 27.0 40.6#

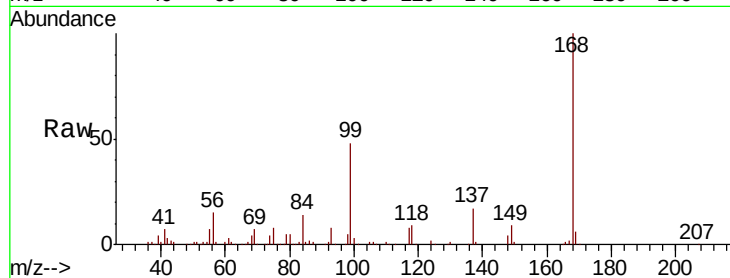
84 88.0 71.8 107.6

Manual Integrations

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MMDadoda

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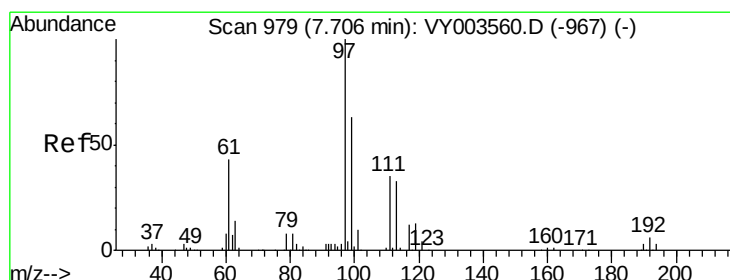
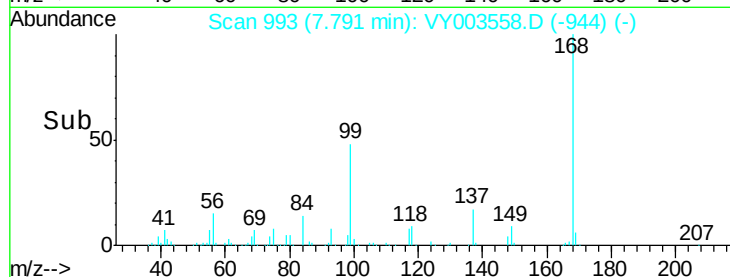
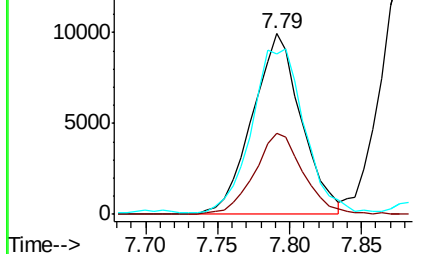


Abundance Ion 56.00 (55.70 to 56.70): VY003560.D (-981) (-)

Ion 69.00 (68.70 to 69.70): VY003560.D (-981) (-)

Ion 84.00 (83.70 to 84.70): VY003560.D (-981) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 10.487 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

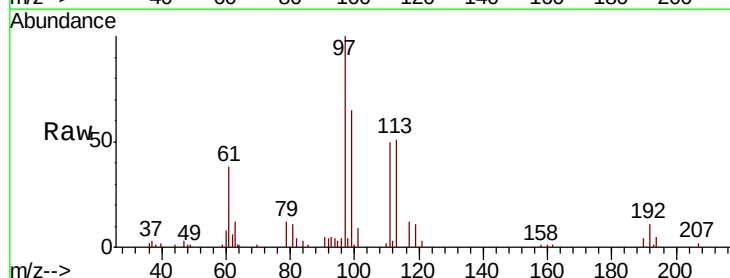
Tgt Ion: 97 Resp: 23176

Ion Ratio Lower Upper

97 100

99 65.0 50.2 75.2

61 41.8 34.1 51.1

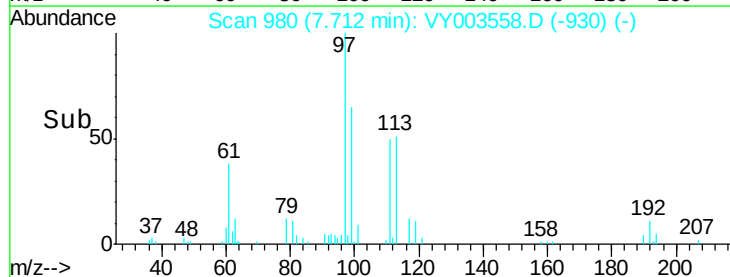
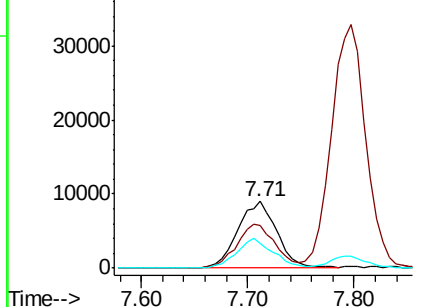


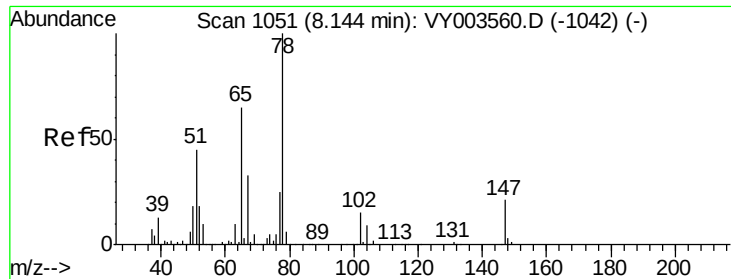
Abundance Ion 96.90 (96.60 to 97.60): VY003560.D (-967) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-967) (-)

Ion 60.90 (60.60 to 61.60): VY003560.D (-967) (-)

Time-->





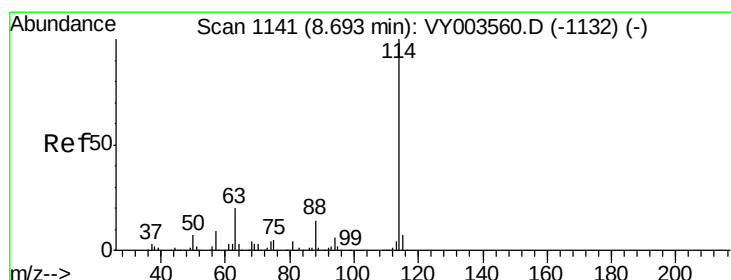
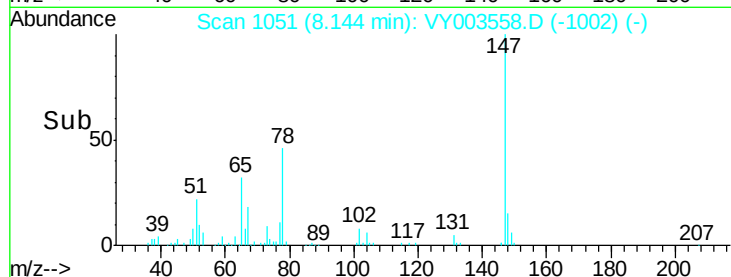
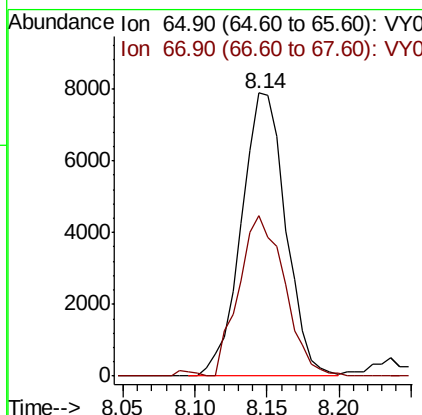
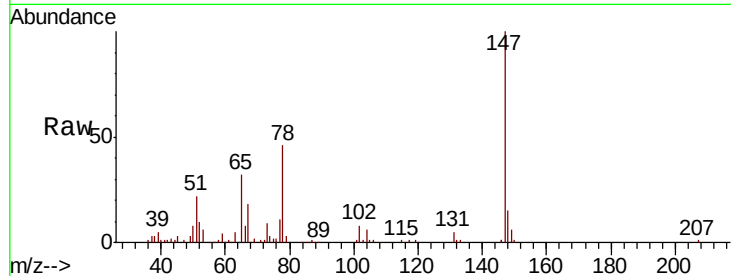
#33
 1,2-Dichloroethane-d4
 Concen: 10.656 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	65	Resp	16839
Ion Ratio	100	Lower	Upper
65	100		
67	58.5	0.0	110.2

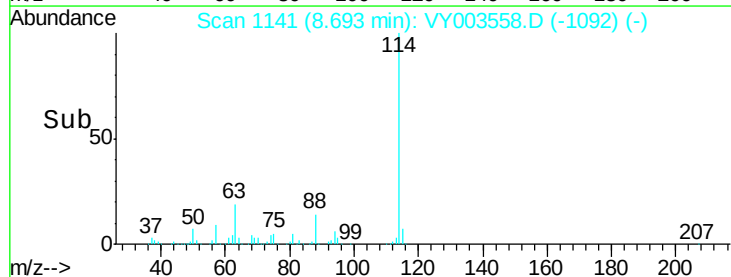
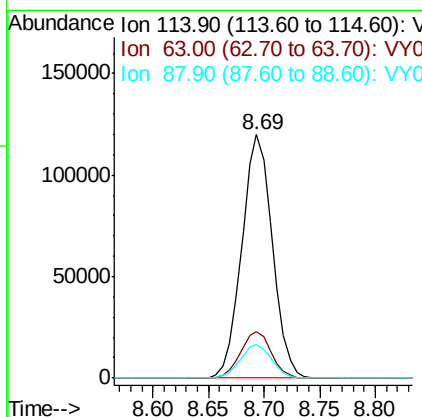
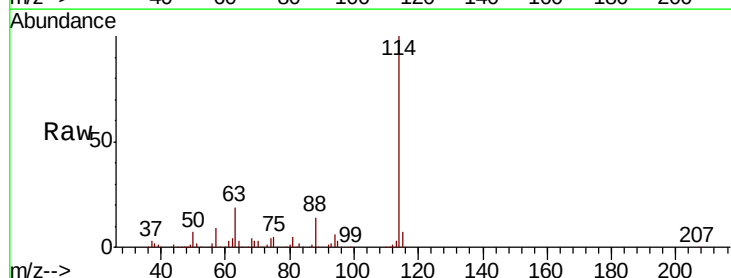
Manual Integrations
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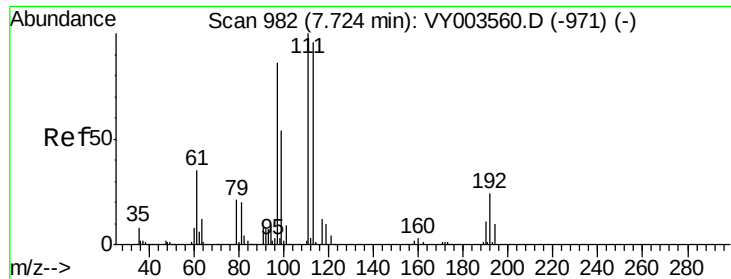
MMDadoda
 11/23/2020 1:39:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	114	Resp	229297
Ion Ratio	100	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	14.0	0.0	29.0





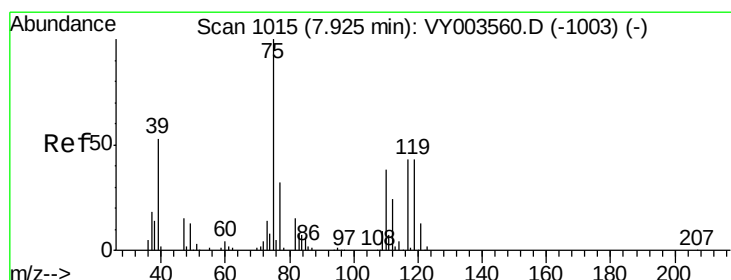
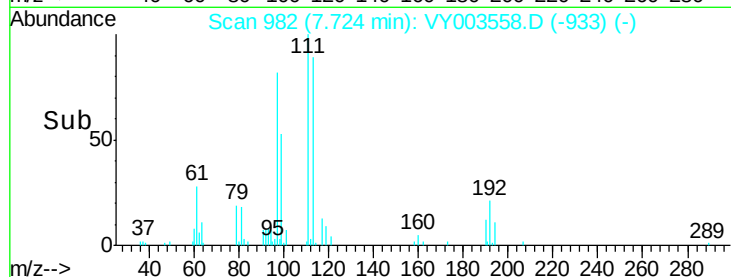
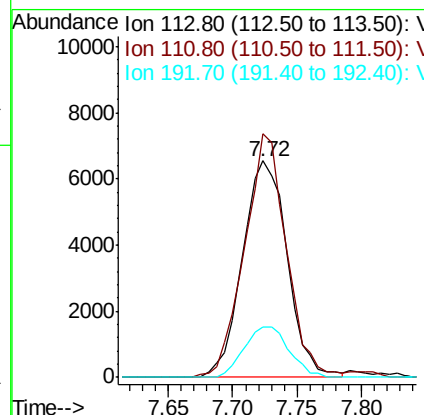
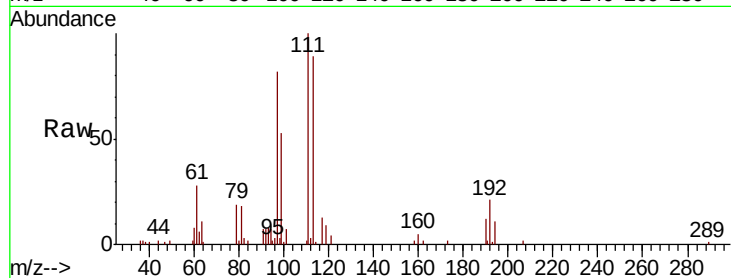
#35
 Dibromofluoromethane
 Concen: 10.460 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.4	122.0
192	23.3	18.1	27.1

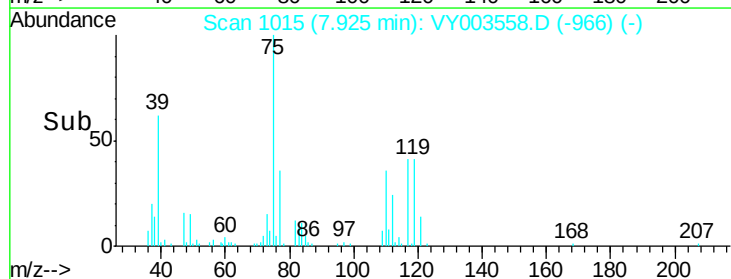
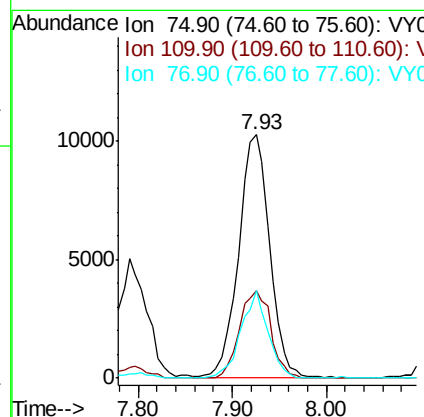
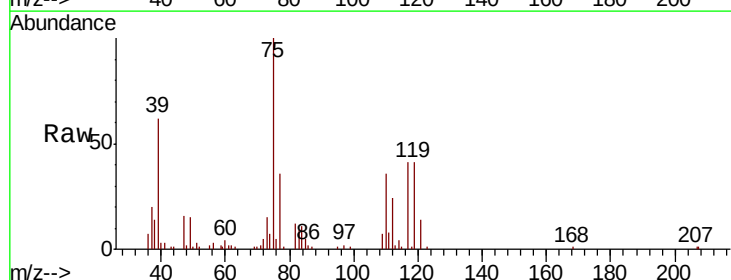
Manual Integrations
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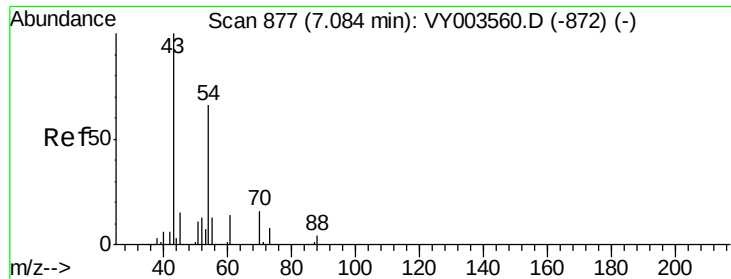
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#36
 1,1-Dichloropropene
 Concen: 10.518 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.7	56.1
77	31.2	25.4	38.2





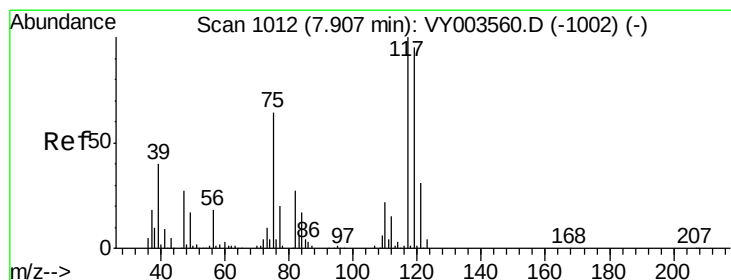
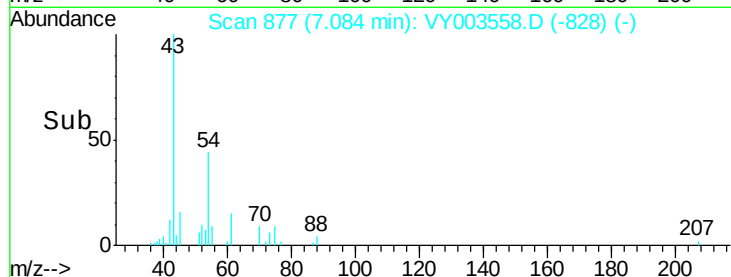
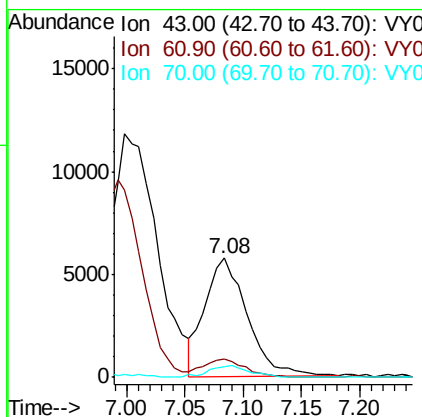
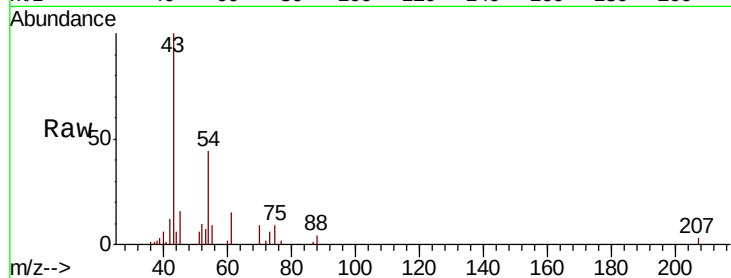
#37
Ethyl Acetate
Concen: 10.670 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.3	15.5
70	9.2	7.5	11.3

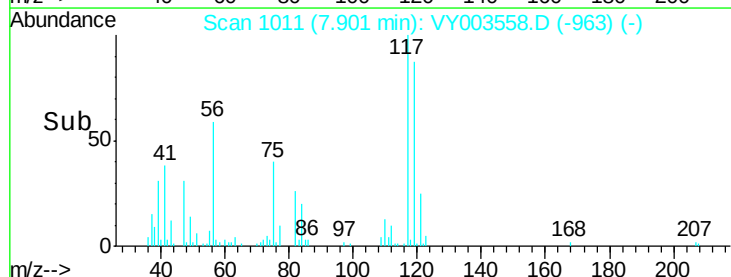
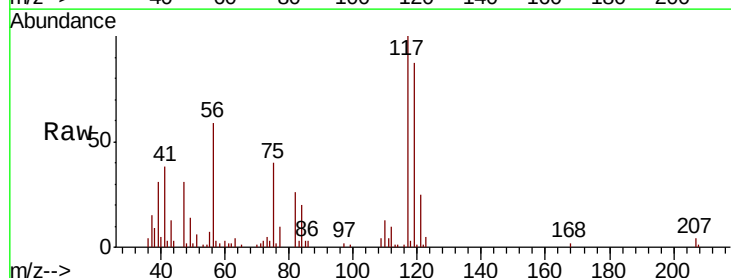
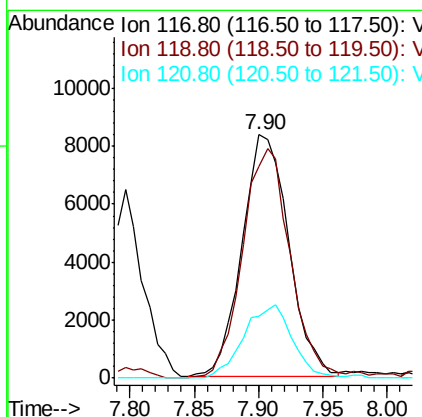
Manual Integrations
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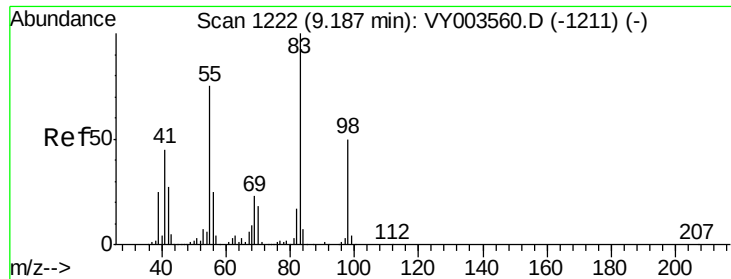
MMDadoda
11/23/2020 1:39:21 PM



#38
Carbon Tetrachloride
Concen: 9.991 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.6	76.3	114.5
121	25.4	25.1	37.7





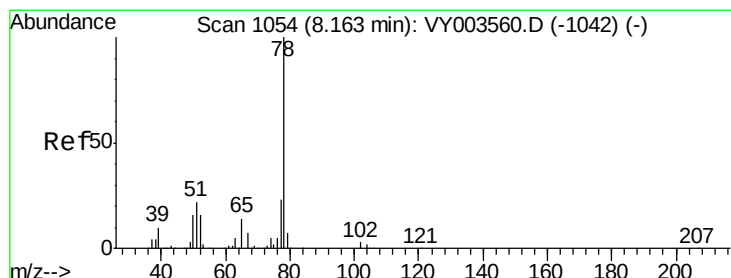
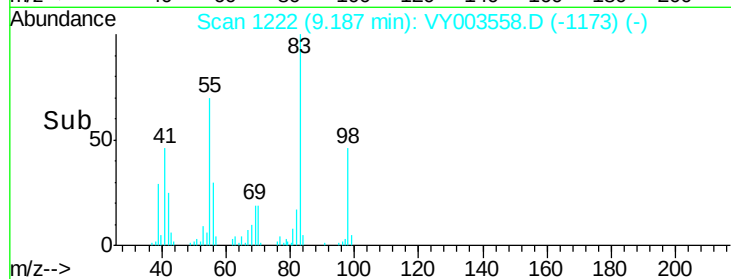
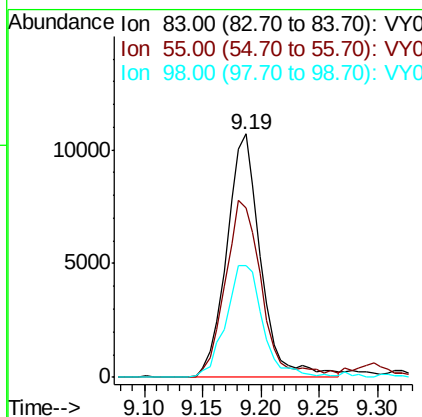
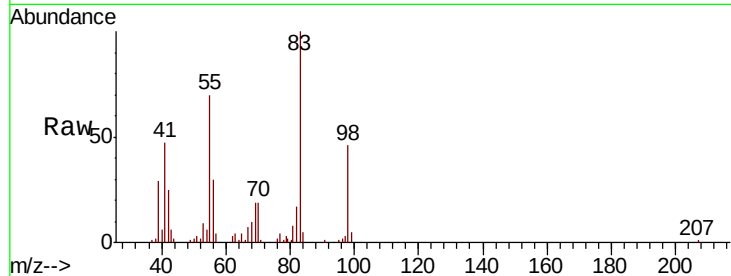
#39
Methvlcvclohexane
Concen: 9.468 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	60.2	90.4
98	45.9	40.3	60.5

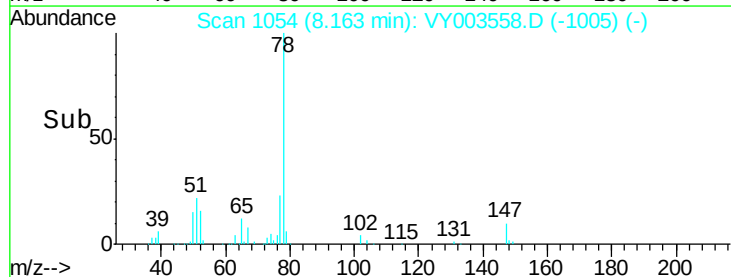
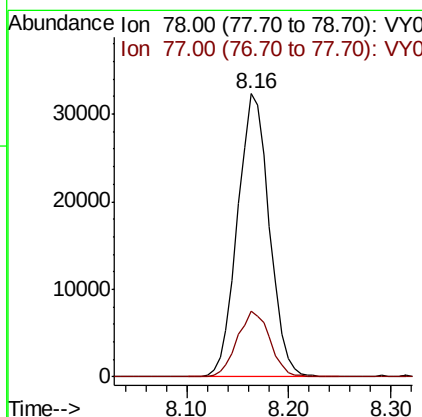
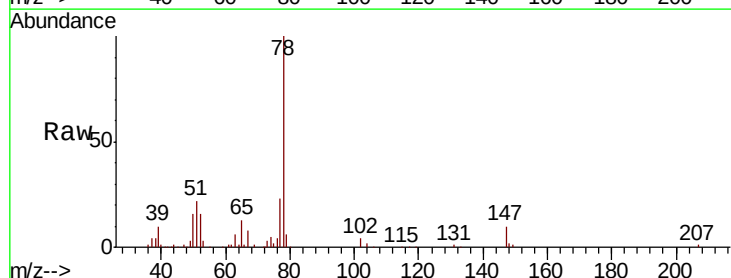
Manual Integrations
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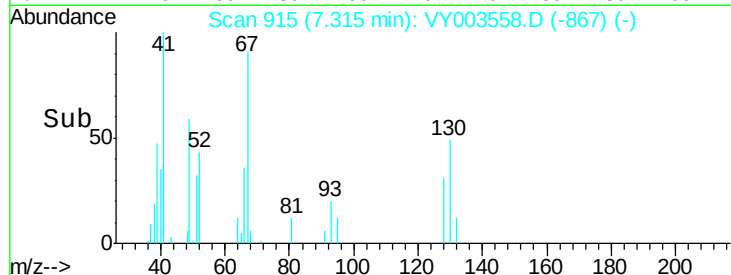
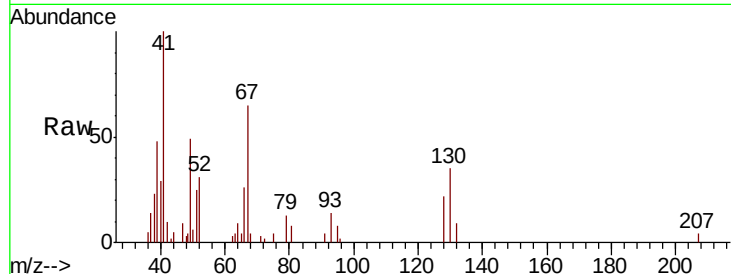
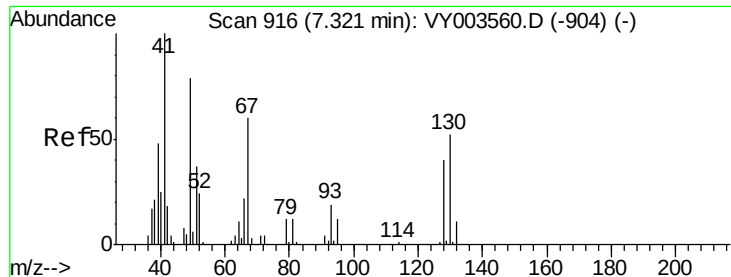
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#40
Benzene
Concen: 10.456 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

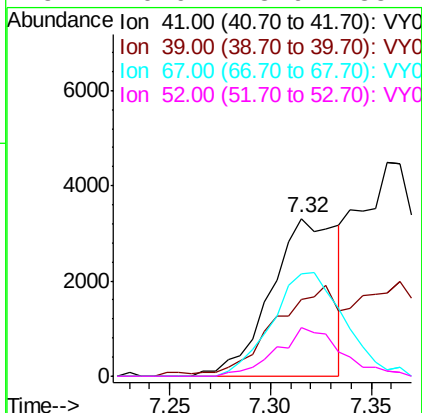
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





#41
Methacrylonitrile
Concen: 11.383 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

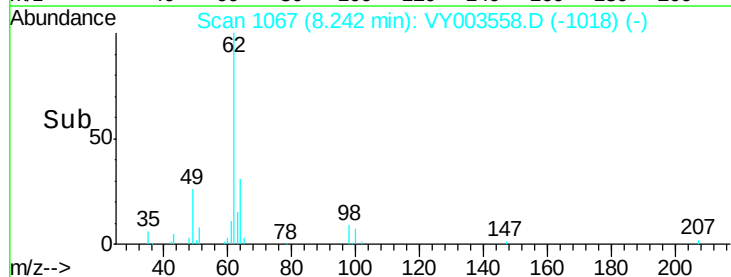
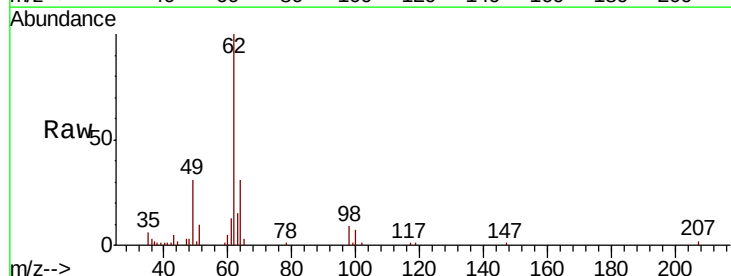
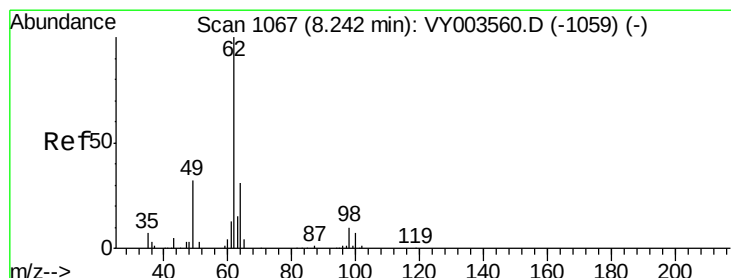
Tot Ion	41	Resp:	7614
Ion	Ratio	Lower	Upper
41	100		
39	60.4	41.4	62.0
67	71.1	57.2	85.8
52	29.9	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

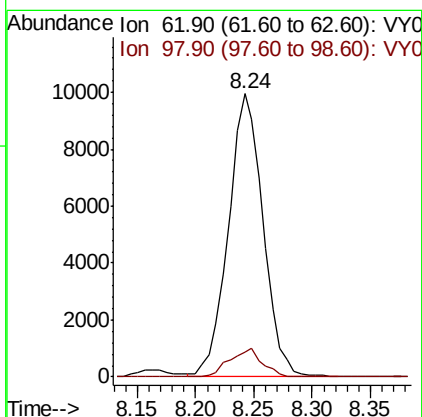
Manual Integrations
APPROVED

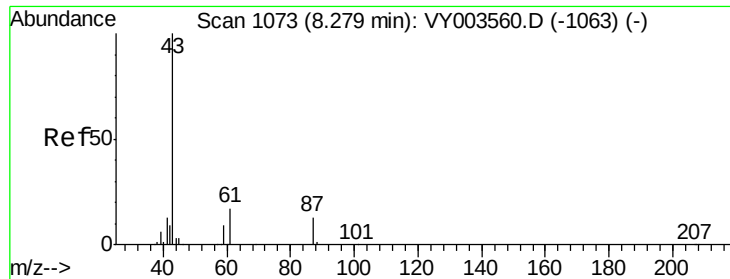
MMDadoda
11/23/2020 1:39:21 PM



#42
1,2-Dichloroethane
Concen: 10.855 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	62	Resp:	20664
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4





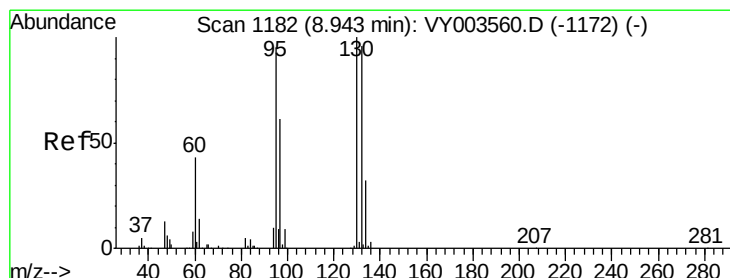
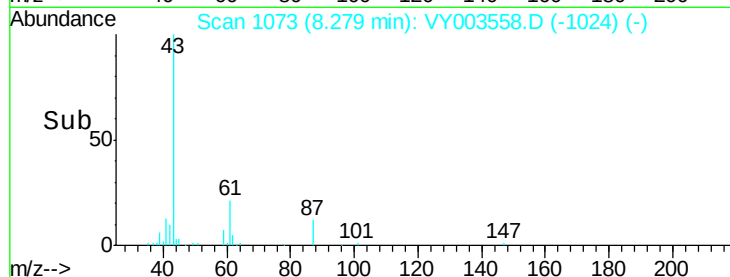
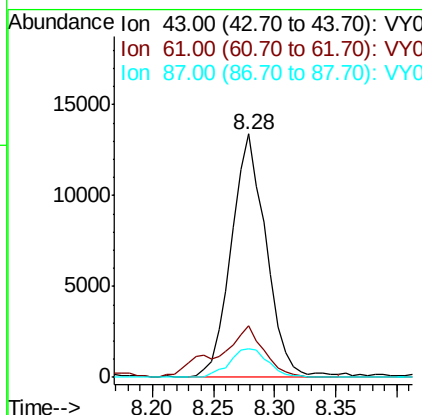
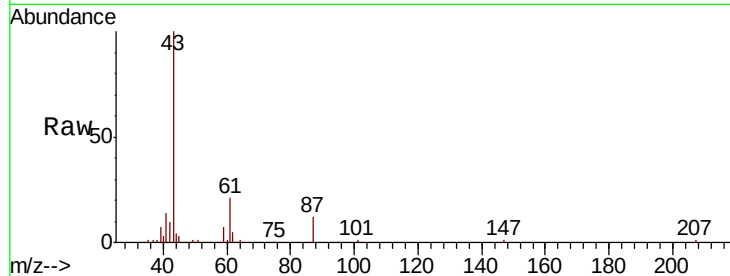
#43
Isopropyl Acetate
Concen: 10.646 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	21.4	32.0#
87	13.0	10.7	16.1

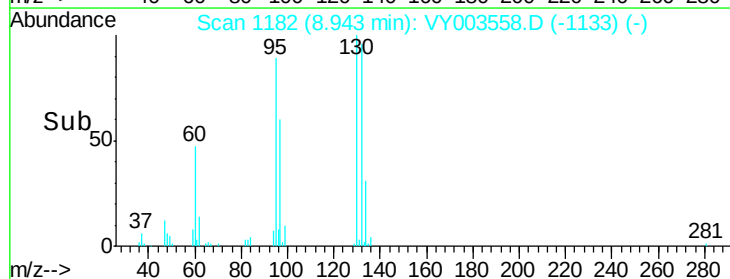
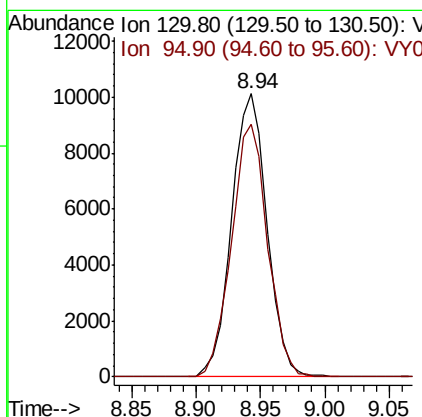
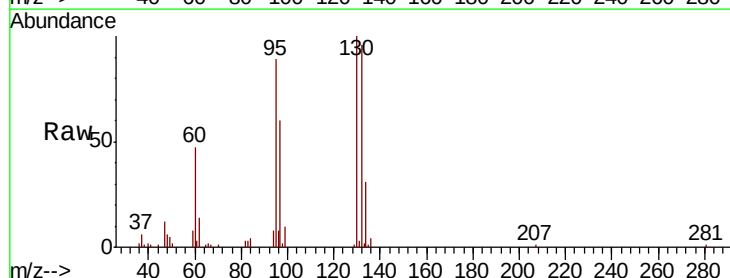
Manual Integrations
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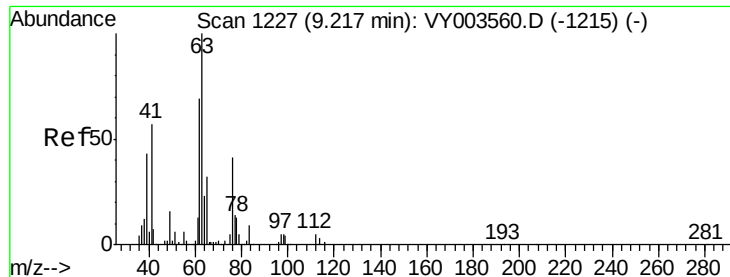
MMDadoda
11/23/2020 1:39:21 PM



#44
Trichloroethene
Concen: 10.584 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	189.2





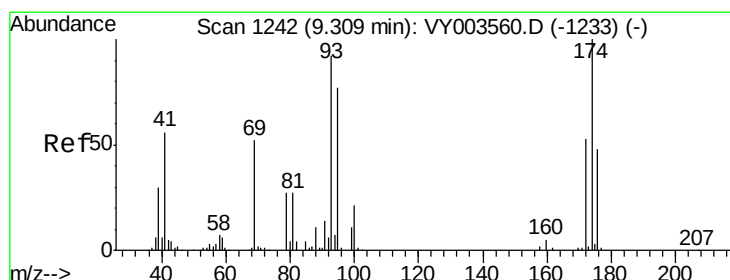
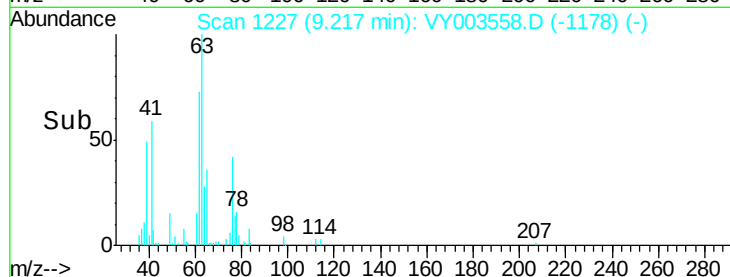
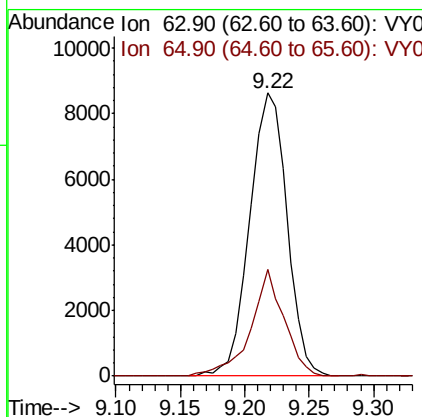
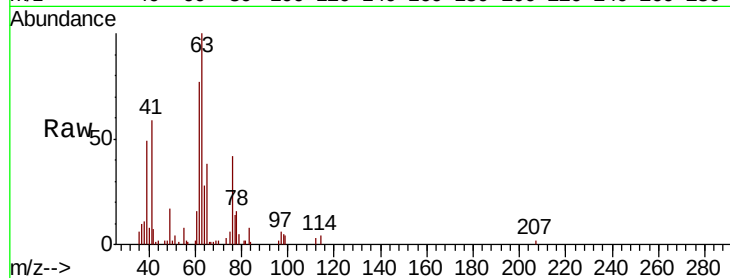
#45
 1,2-Dichloropropane
 Concen: 10.430 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	37.5	25.7	38.5

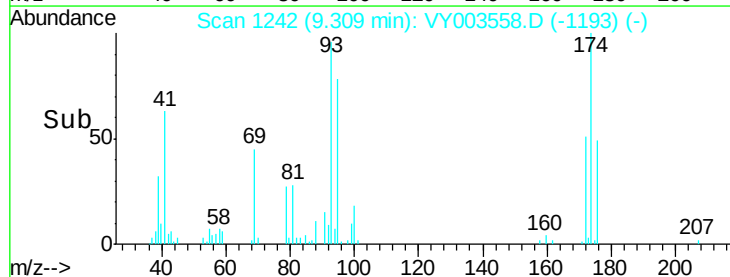
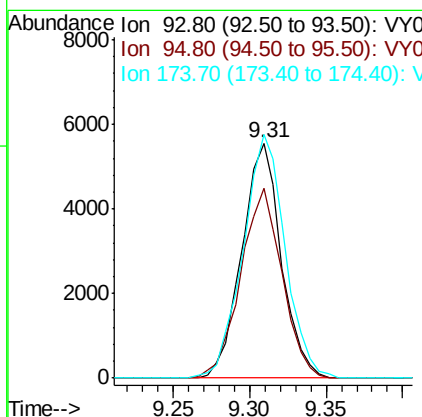
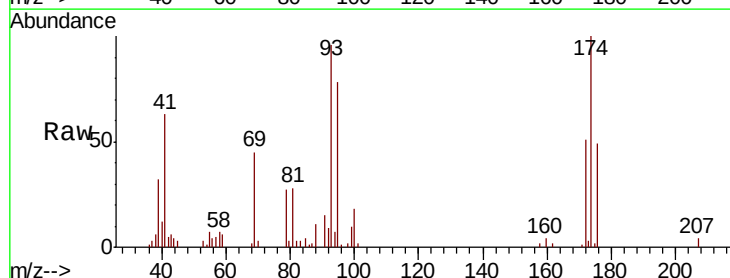
Manual Integrations
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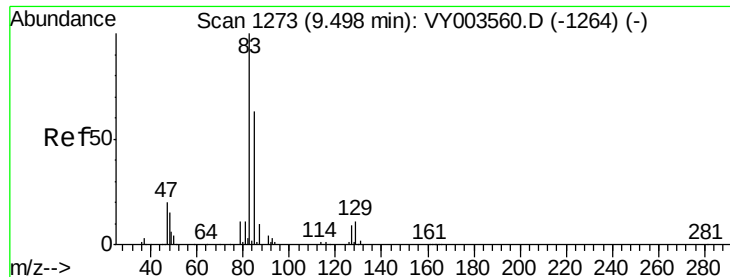
MMDadoda
 11/23/2020 1:39:21 PM



#46
 Dibromomethane
 Concen: 10.526 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	65.9	98.9
174	110.7	86.8	130.2





#47

Bromodichloromethane

Concen: 10.450 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

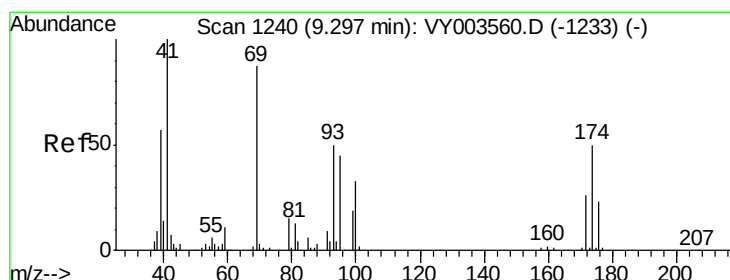
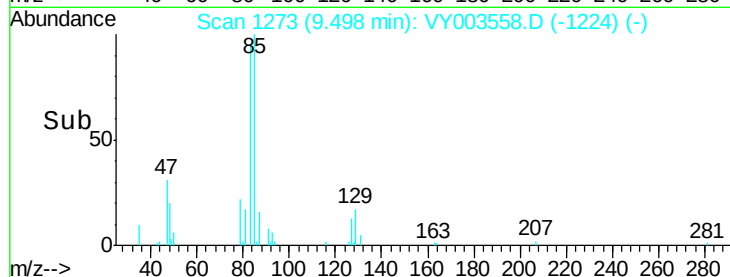
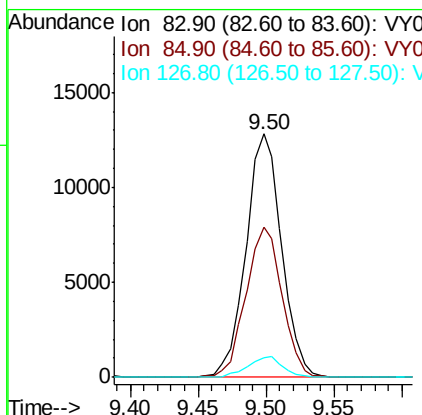
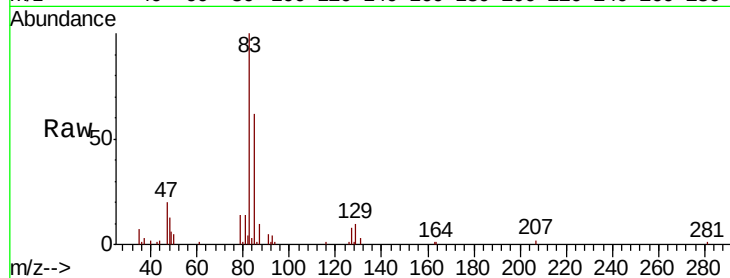
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	23448
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.7	76.1
127	8.2	7.0	10.4

Manual Integrations
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MMDadoda
11/23/2020 1:39:21 PM



#48

Methyl methacrylate

Concen: 10.570 ug/l

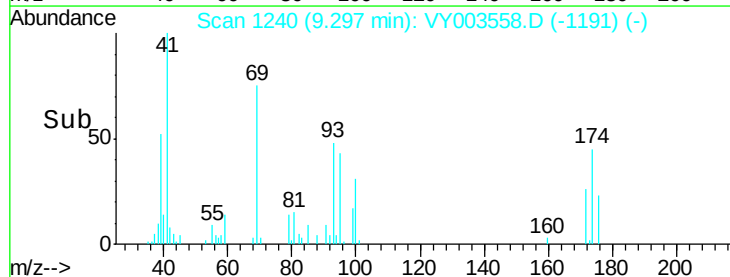
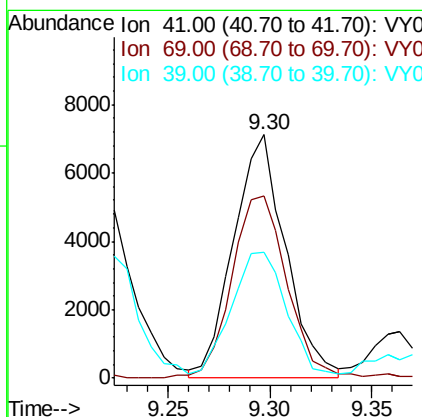
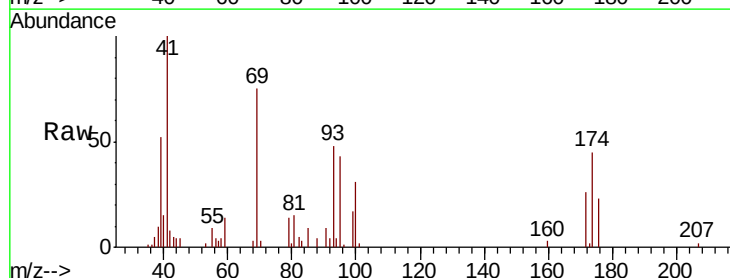
RT: 9.30 min Scan# 1240

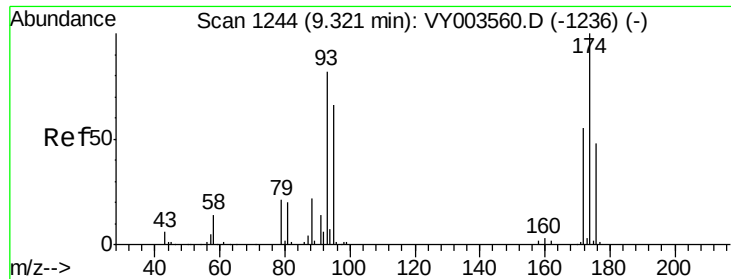
Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion:	41	Resp:	12638
Ion	Ratio	Lower	Upper
41	100		
69	79.1	68.6	102.8
39	56.0	48.8	73.2





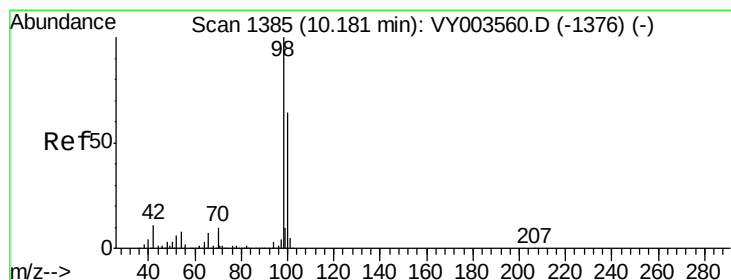
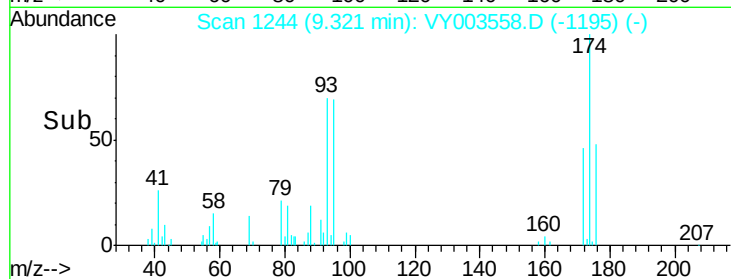
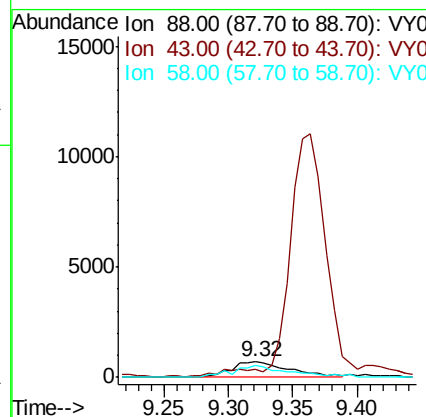
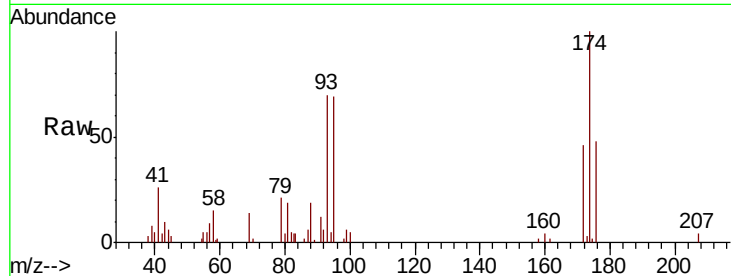
#49
1,4-Dioxane
Concen: 203.164 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.0	50.9	76.3

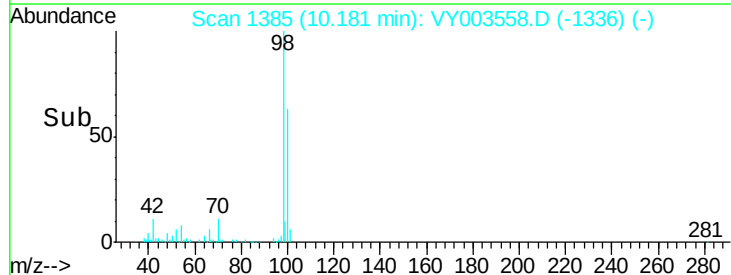
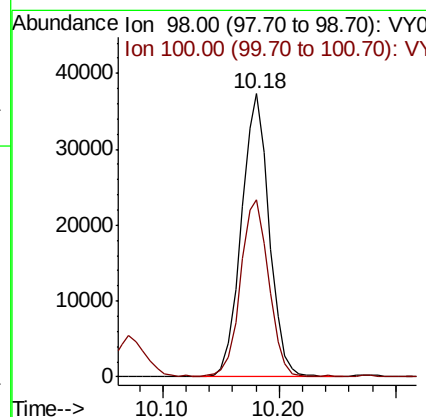
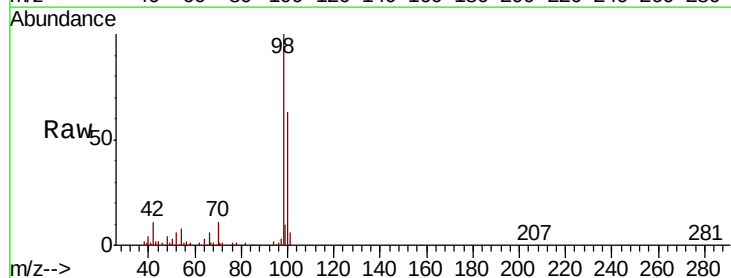
Manual Integrations
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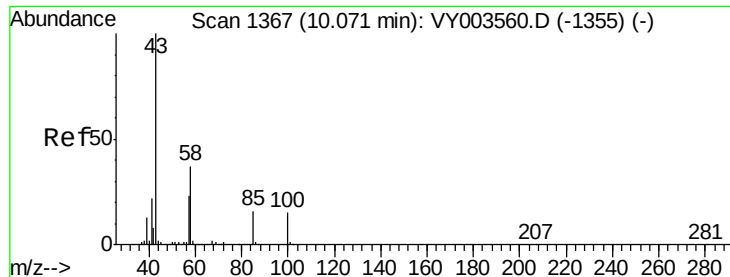
MMDadoda
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#50
Toluene-d8
Concen: 10.599 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.4	77.2





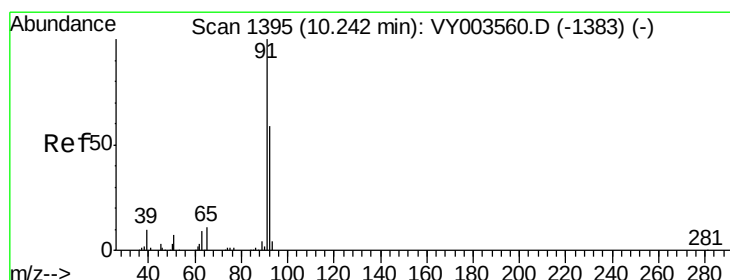
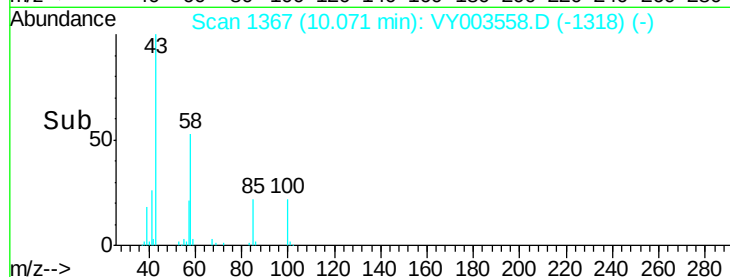
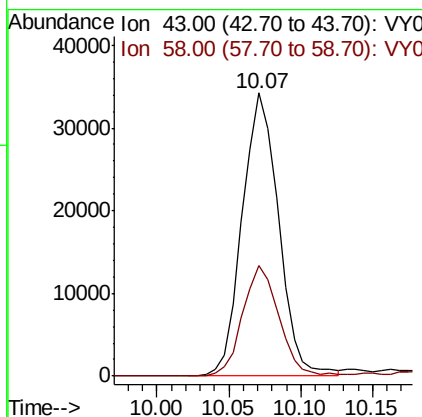
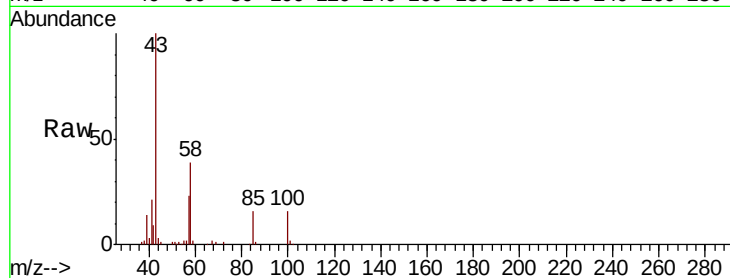
#51
4-Methyl-2-Pentanone
Concen: 50.237 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	29.8	44.8

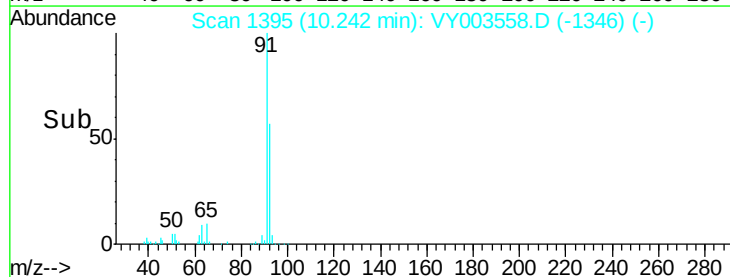
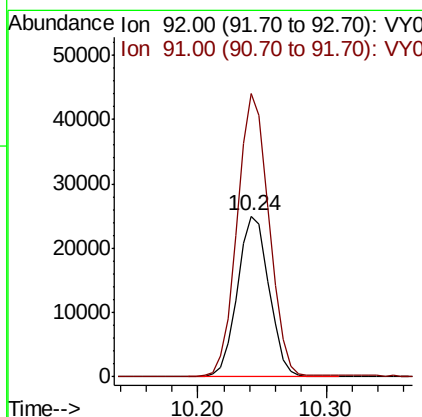
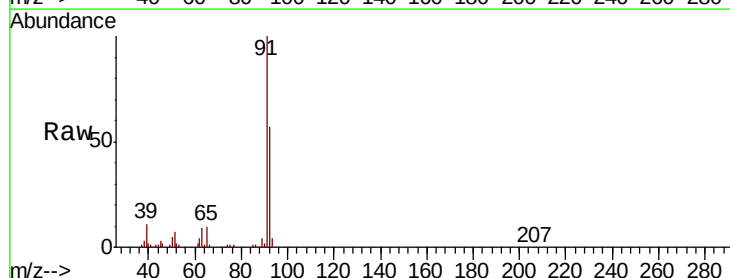
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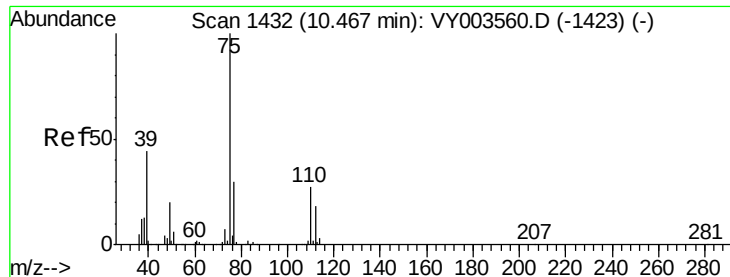
MMDadoda
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#52
Toluene
Concen: 10.357 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	179.1	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 10.312 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 24216

Ion Ratio Lower Upper

75 100

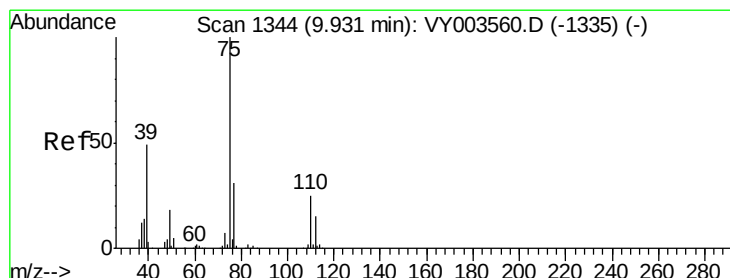
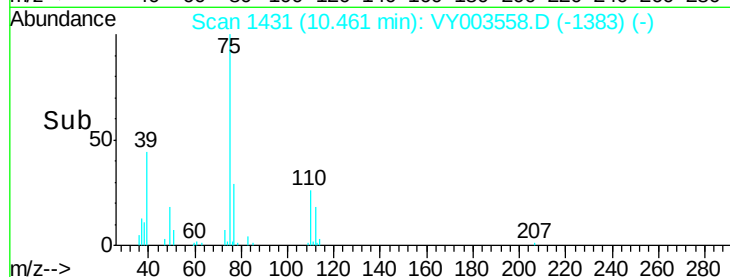
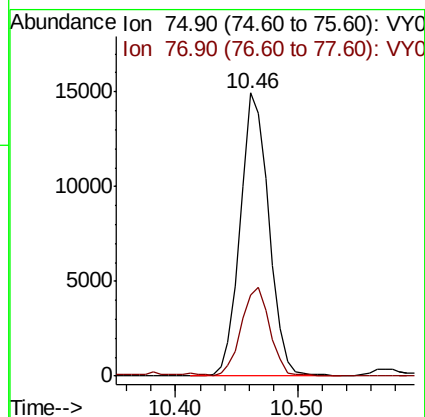
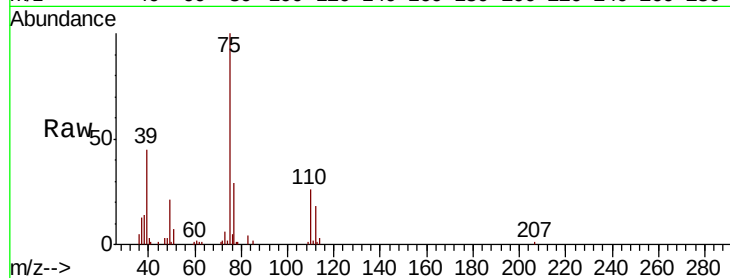
77 28.7 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 10.202 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

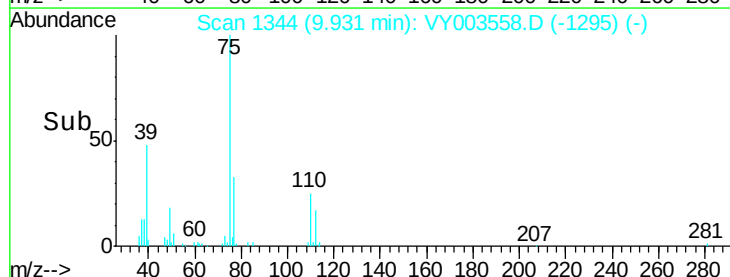
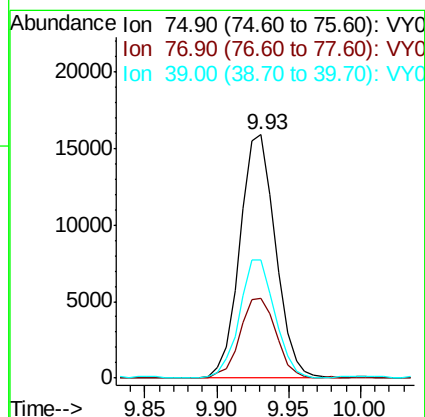
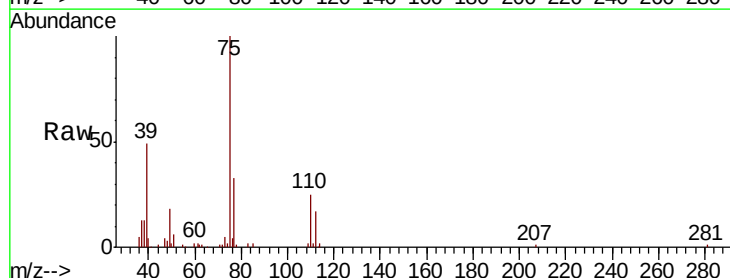
Tgt Ion: 75 Resp: 27270

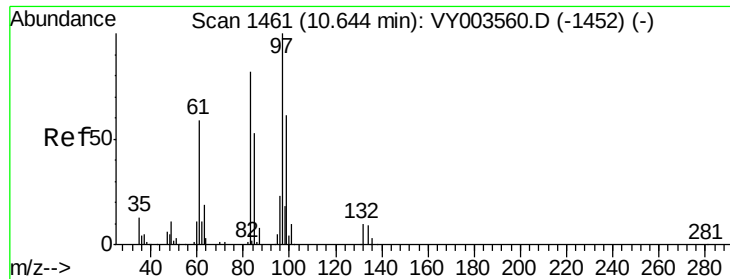
Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

39 48.7 38.9 58.3





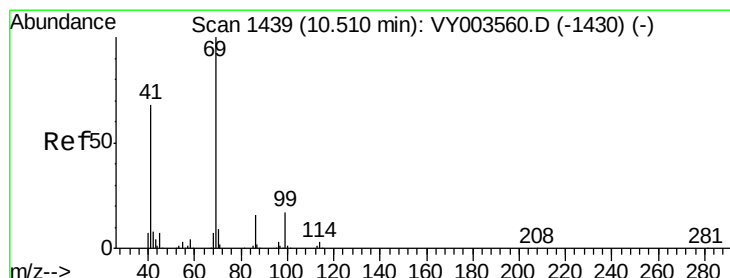
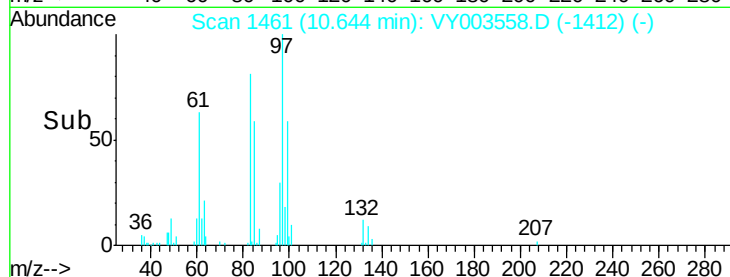
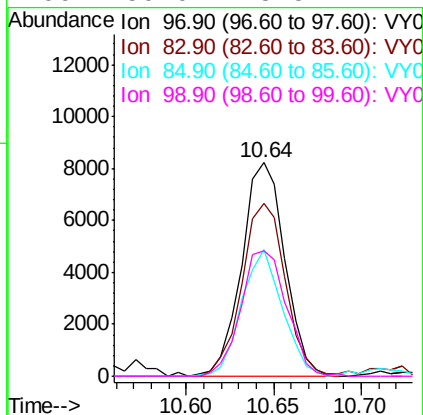
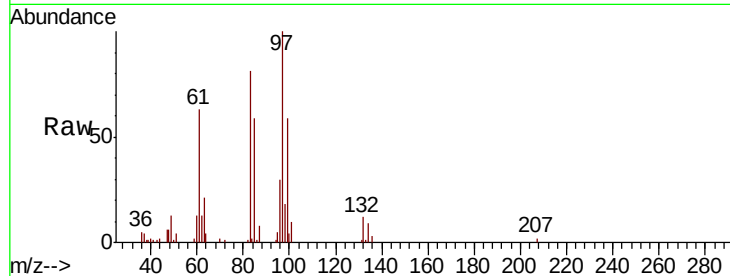
#55
 1,1,2-Trichloroethane
 Concen: 10.497 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	14065
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.2	97.8
85	59.2	42.4	63.6
99	59.0	48.5	72.7

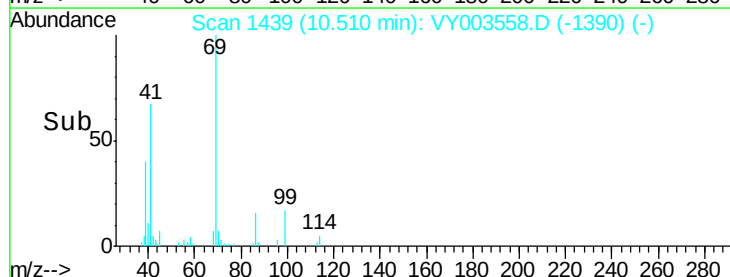
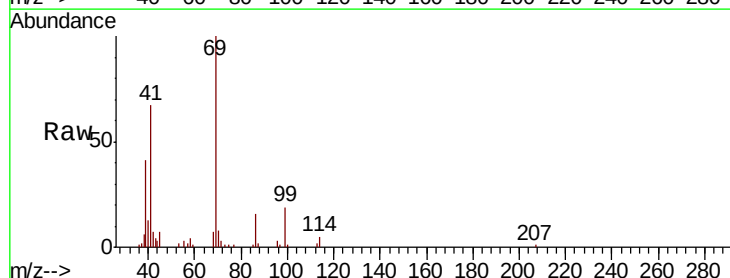
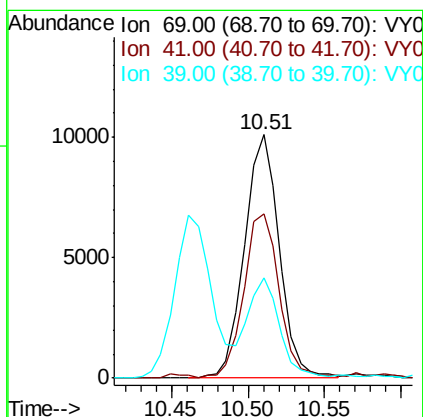
Manual Integrations
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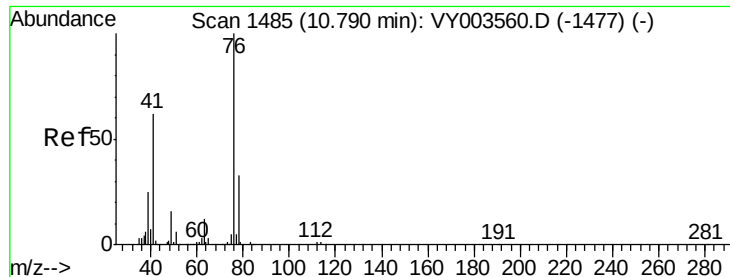
MMDadoda
 11/23/2020 1:39:21 PM



#56
 Ethyl methacrylate
 Concen: 9.795 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion:	69	Resp:	15949
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.4	83.0
39	35.9	30.2	45.2





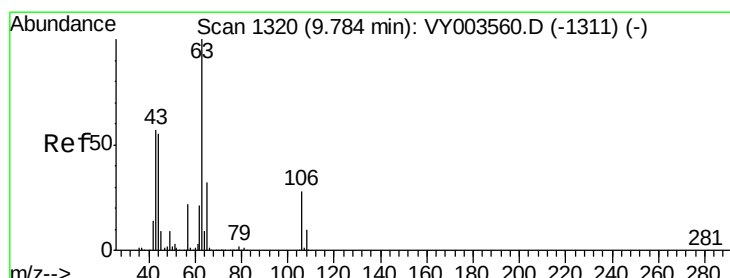
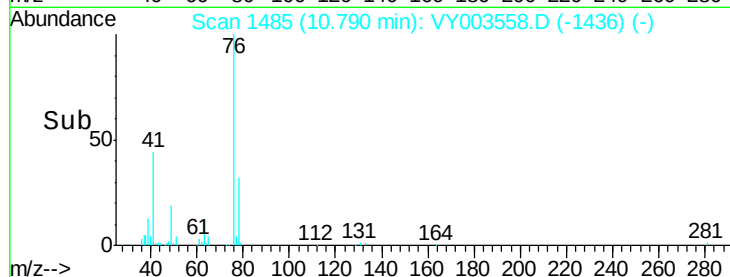
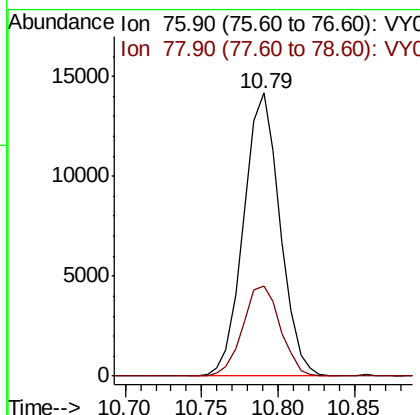
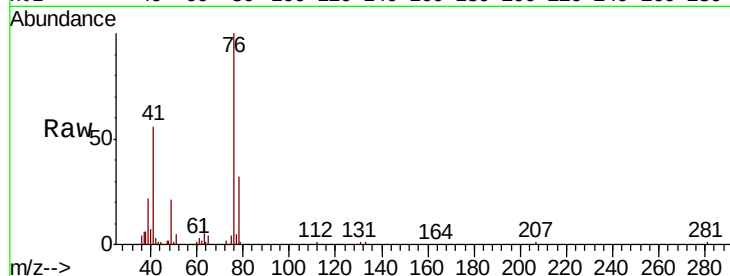
#57
 1,3-Dichloropropane
 Concen: 10.334 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.0	39.0

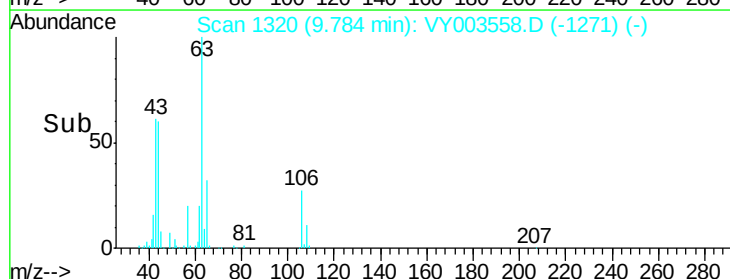
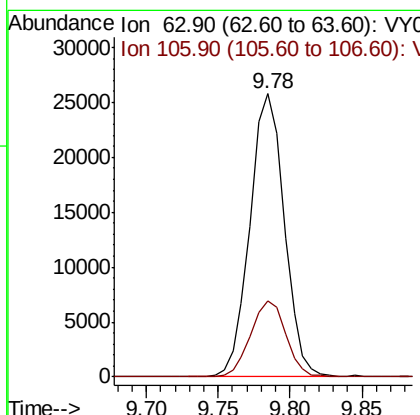
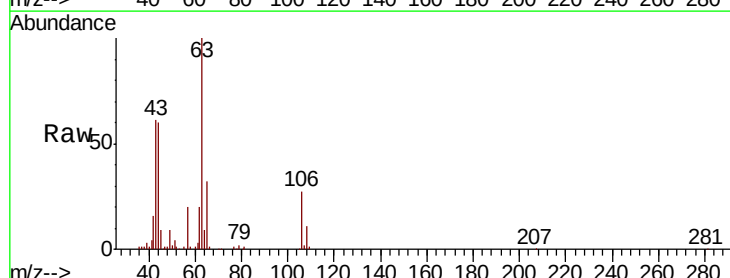
Manual Integrations
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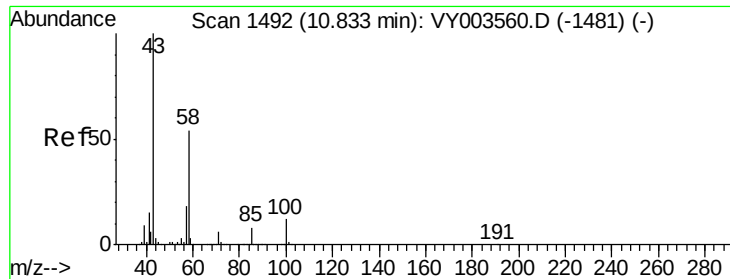
MMDadoda
 11/23/2020 1:39:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 50.885 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.6	34.0





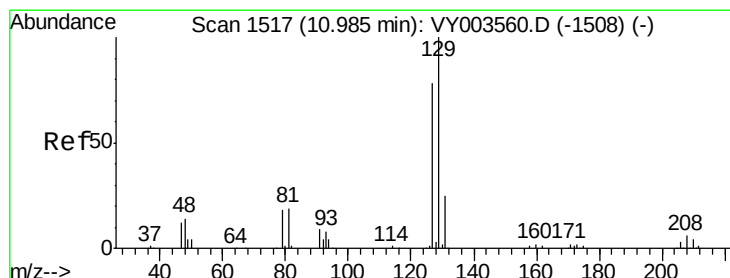
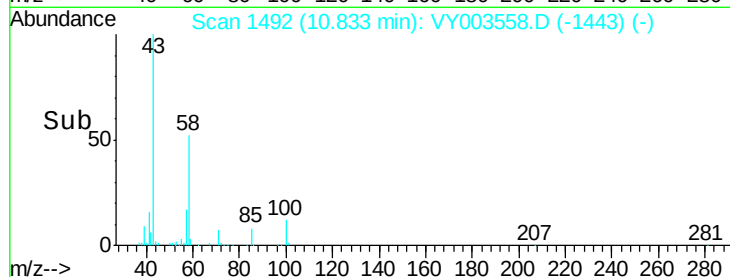
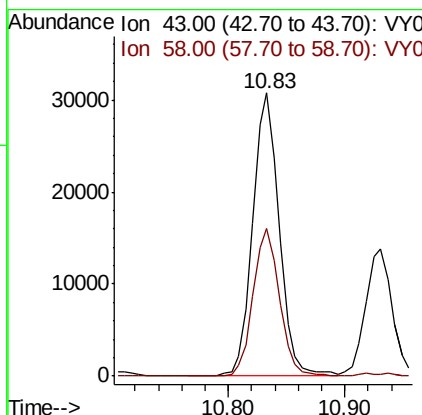
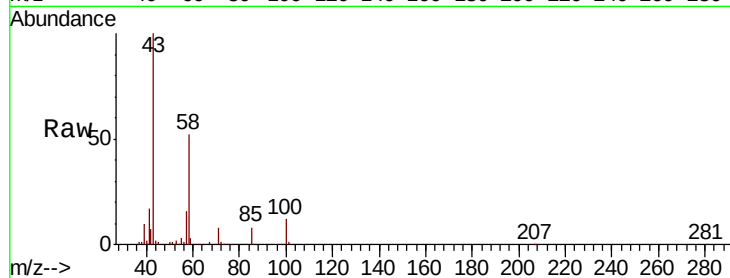
#59
2-Hexanone
Concen: 49.573 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 48922
Ion Ratio Lower Upper
43 100
58 52.1 26.7 80.1

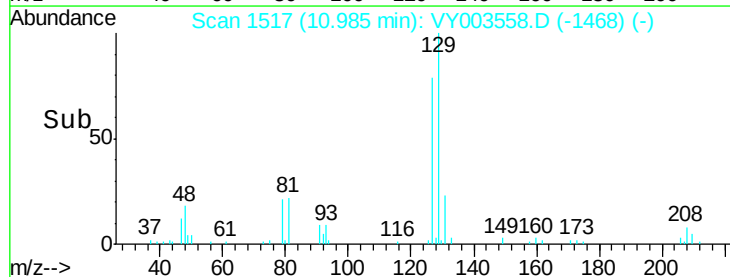
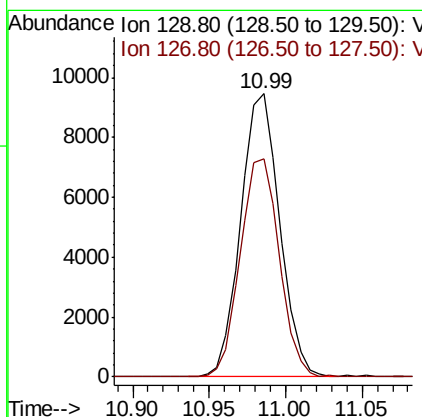
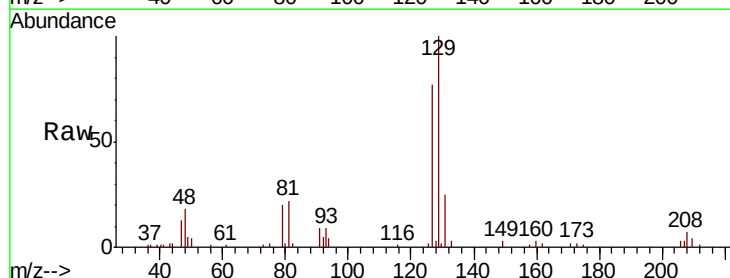
Manual Integrations
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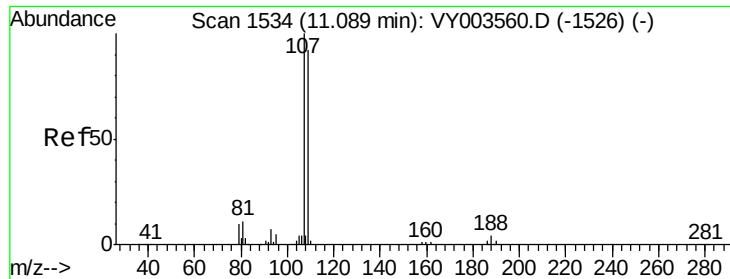
MMDadoda
11/23/2020 1:39:21 PM



#60
Dibromochloromethane
Concen: 10.337 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 129 Resp: 16746
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





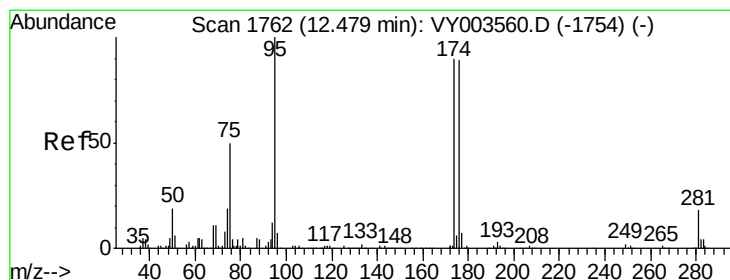
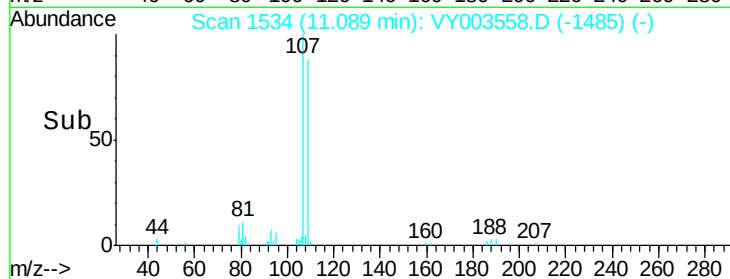
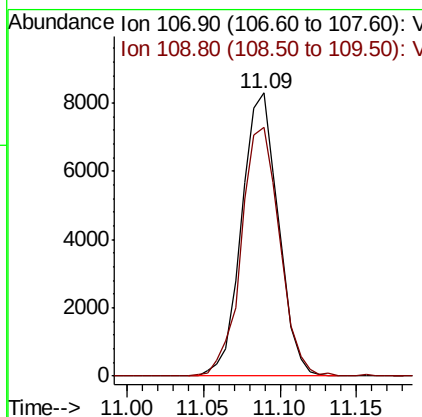
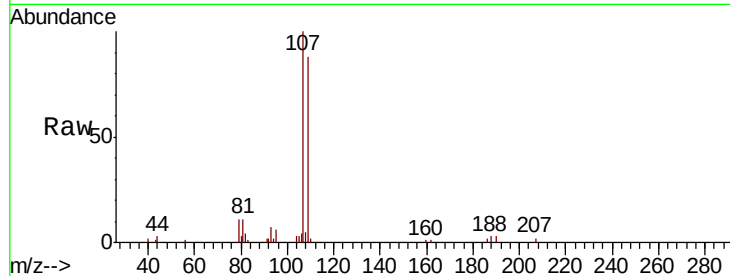
#61
 1,2-Dibromoethane
 Concen: 10.696 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	75.9	113.9

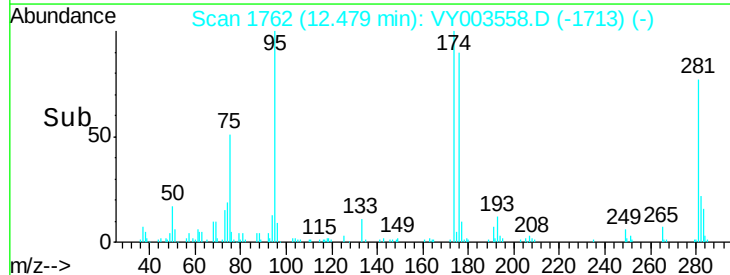
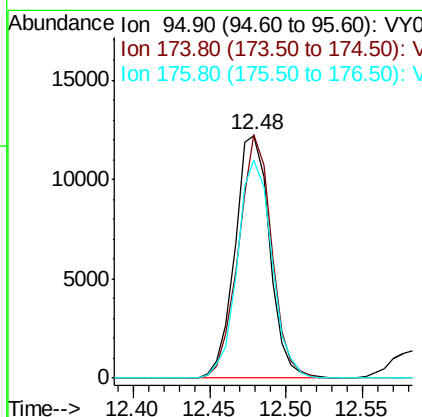
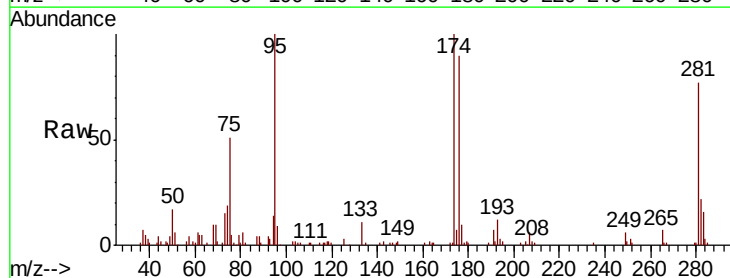
Manual Integrations
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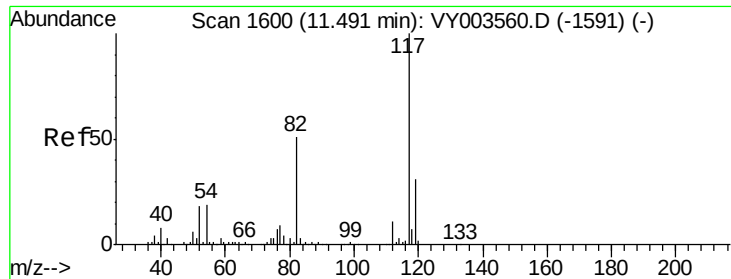
MMDadoda
 11/23/2020 1:39:21 PM



#62
 4-Bromofluorobenzene
 Concen: 10.330 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	184.0
176	89.5	0.0	180.4





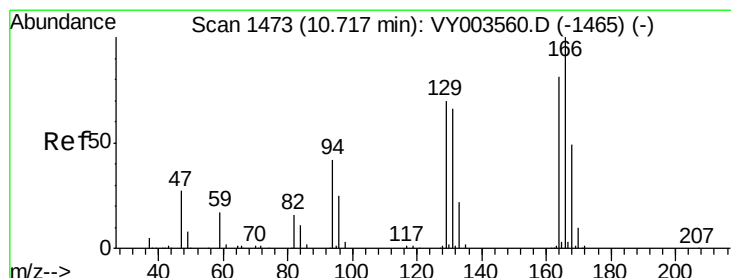
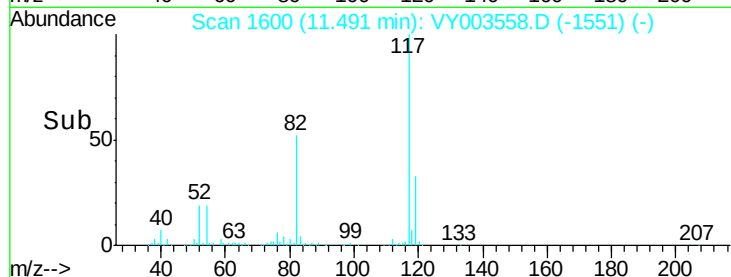
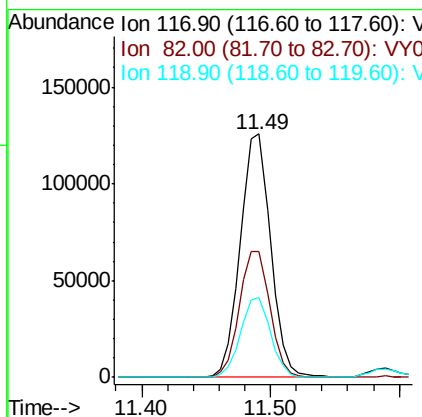
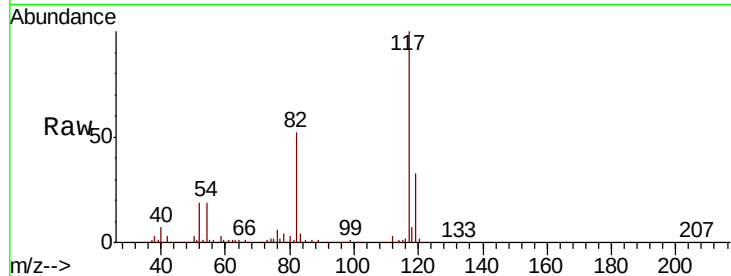
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	205484		
82	51.8		41.0	61.6
119	32.7		25.0	37.6

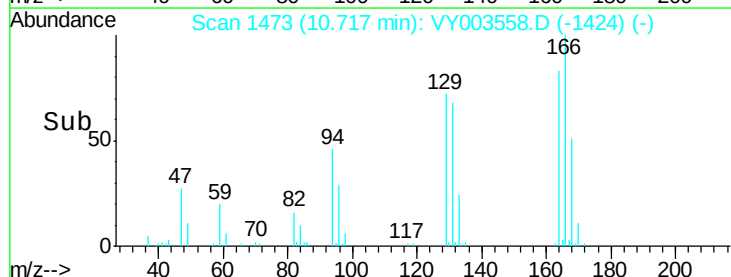
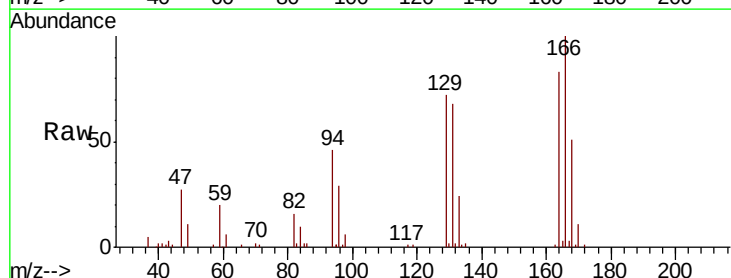
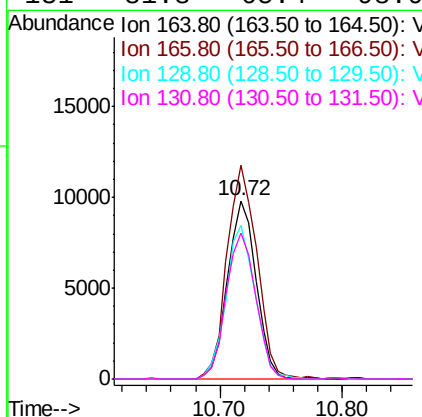
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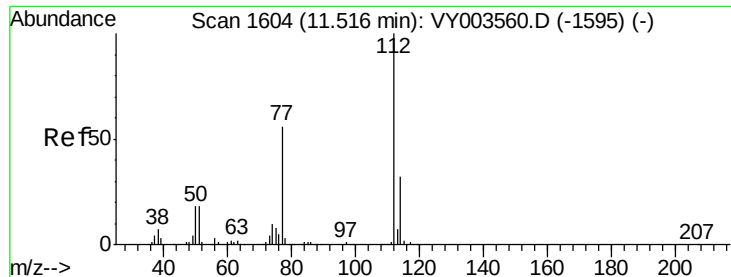
MMDadoda
11/23/2020 1:39:21 PM



#64
Tetrachloroethene
Concen: 10.399 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	15961		
166	119.8		99.0	148.4
129	86.1		69.1	103.7
131	81.8		65.4	98.0





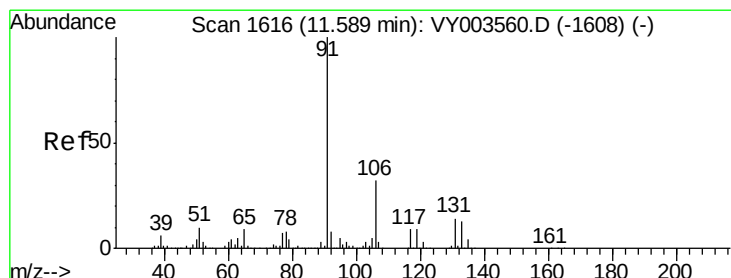
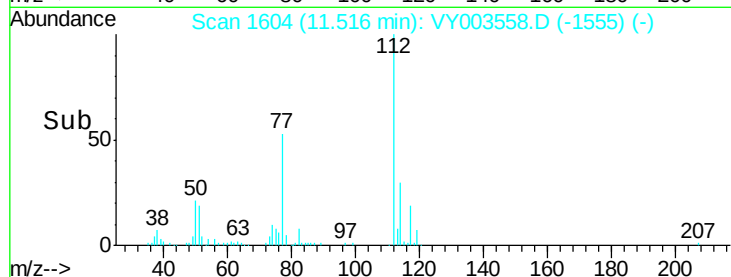
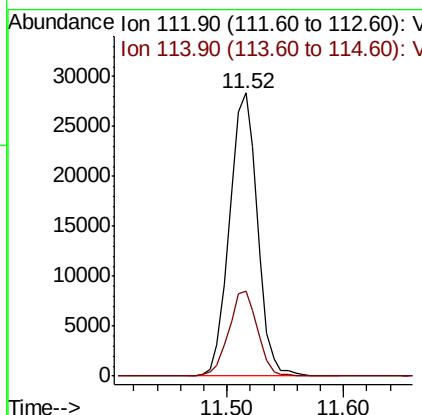
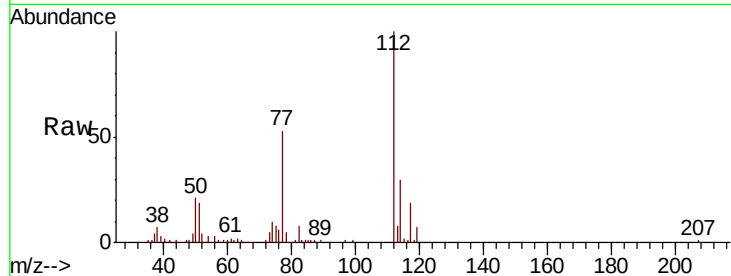
#65
Chlorobenzene
Concen: 10.657 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 47380
Ion Ratio Lower Upper
112 100
114 29.9 25.3 37.9

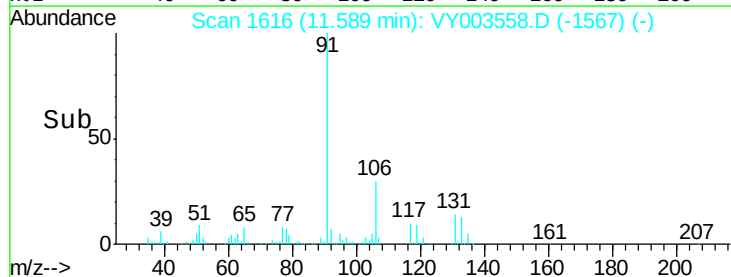
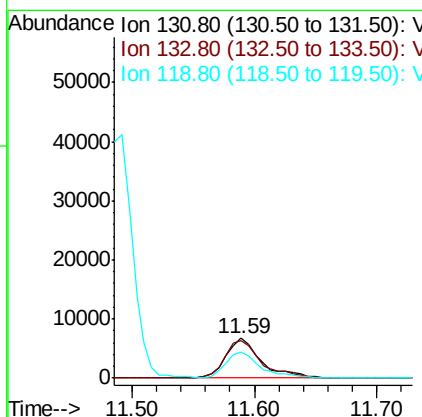
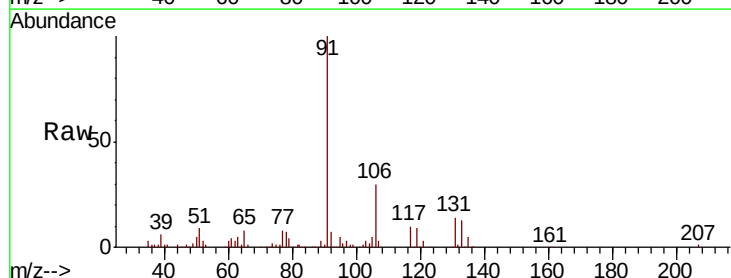
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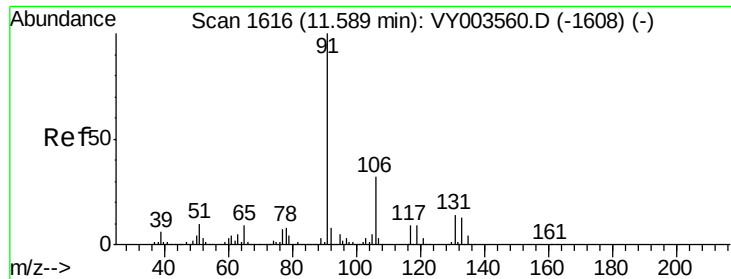
MMDadoda
11/23/2020 1:39:21 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 10.496 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:131 Resp: 13390
Ion Ratio Lower Upper
131 100
133 98.3 47.1 141.4
119 65.2 32.6 97.7





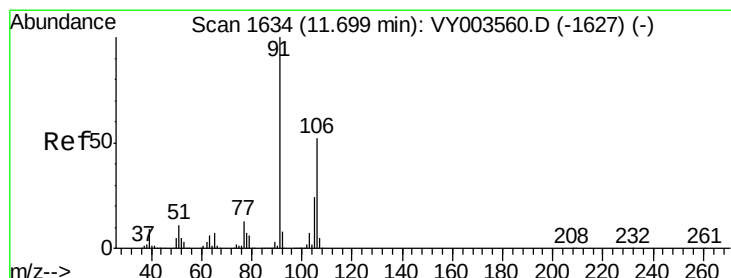
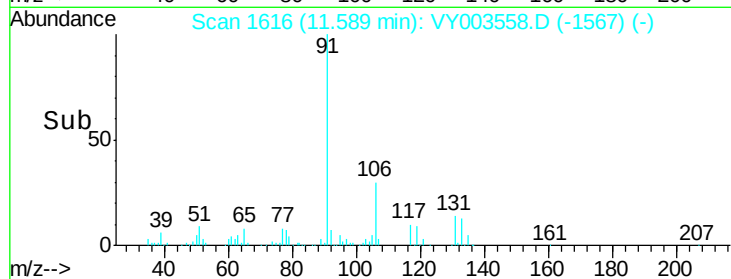
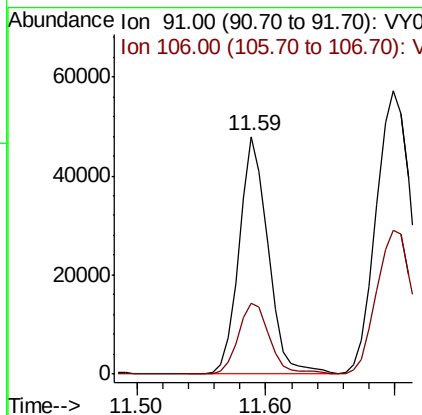
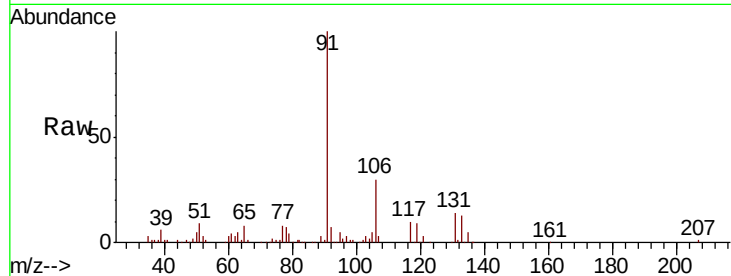
#67
Ethyl Benzene
Concen: 10.260 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 74745
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

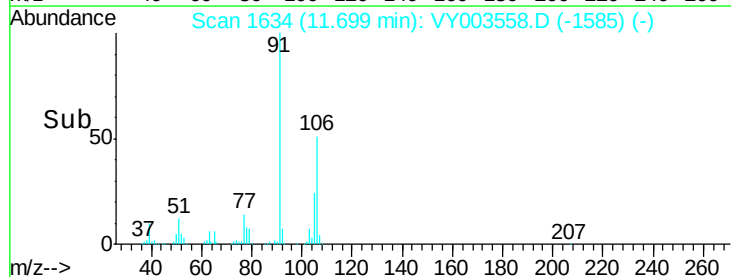
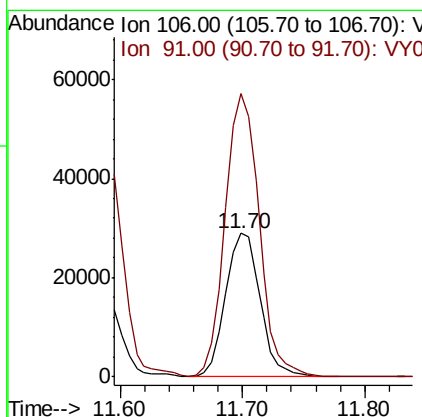
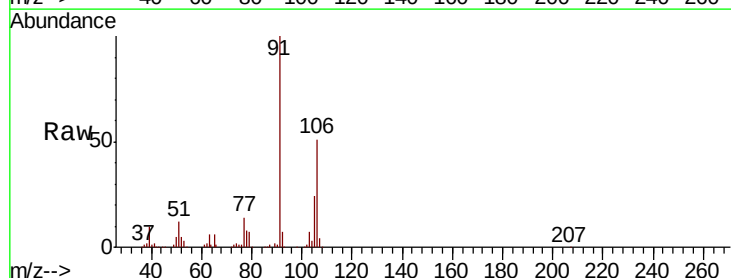
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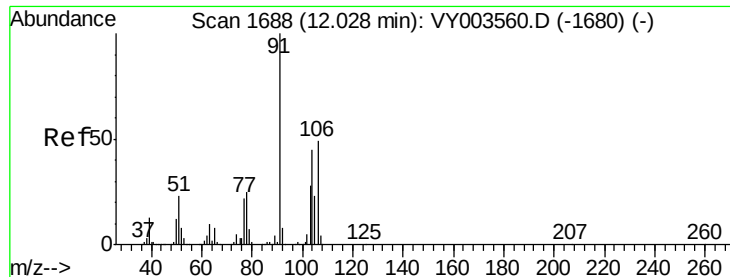
MMDadoda
11/23/2020 1:39:21 PM



#68
m/p-Xylenes
Concen: 20.476 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion: 106 Resp: 57119
Ion Ratio Lower Upper
106 100
91 193.5 154.2 231.4





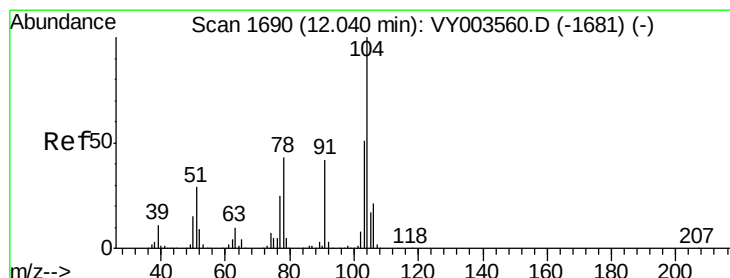
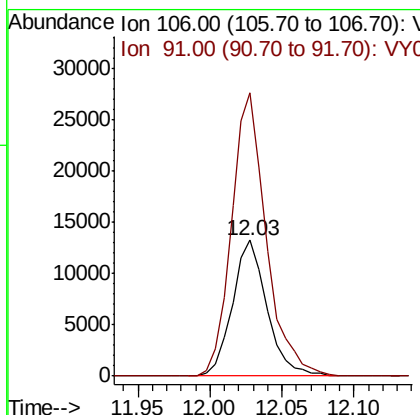
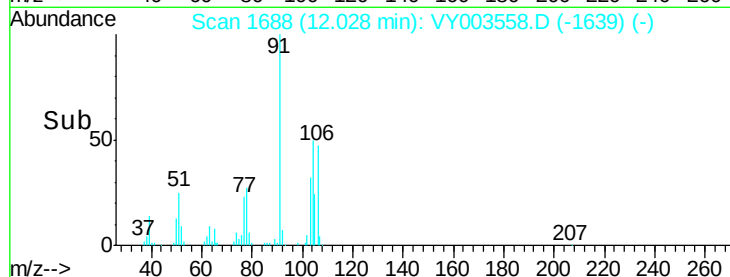
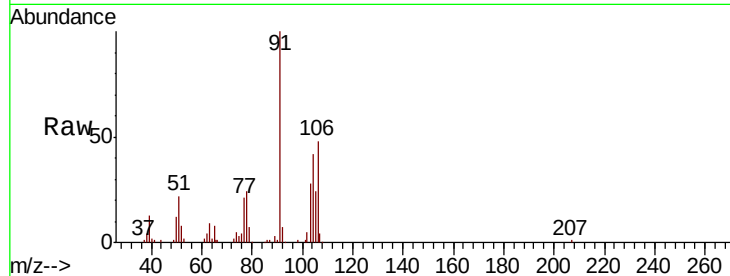
#69
o-Xylene
Concen: 9.947 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 22194
Ion Ratio Lower Upper
106 100
91 208.7 103.1 309.1

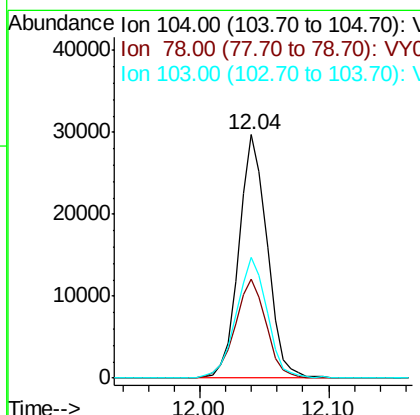
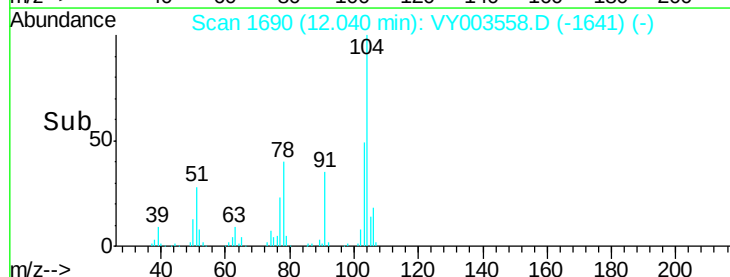
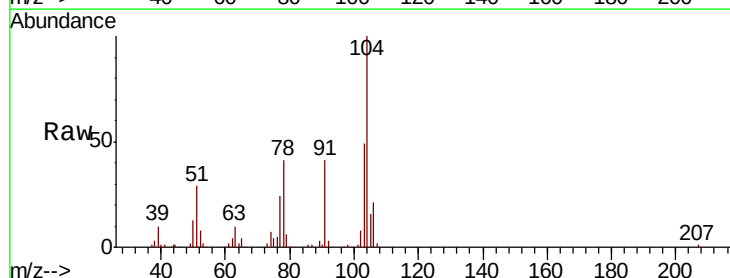
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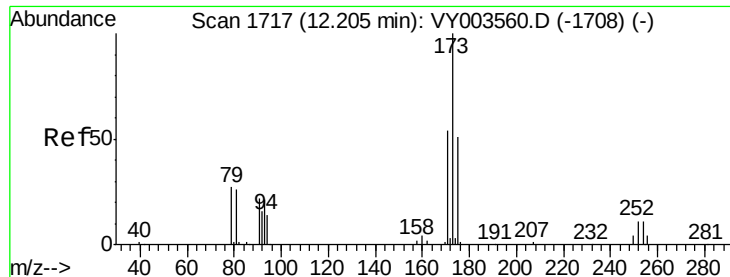
MMDadoda
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#70
Styrene
Concen: 10.058 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion:104 Resp: 45235
Ion Ratio Lower Upper
104 100
78 44.6 36.6 54.8
103 54.1 43.6 65.4





#71

Bromoform

Concen: 10.697 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 11020

Ion Ratio Lower Upper

173 100

175 46.4 24.6 73.6

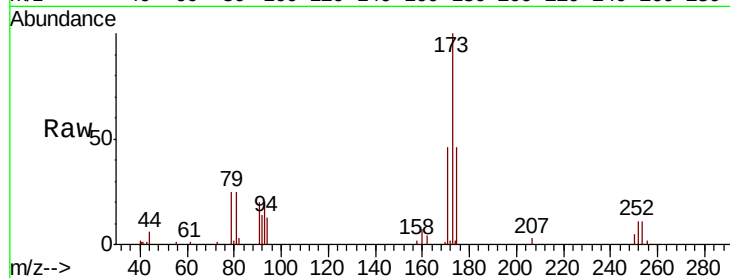
254 0.0 0.1 0.1#

Manual Integrations

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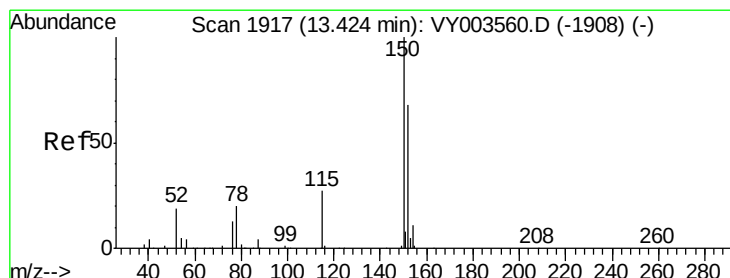
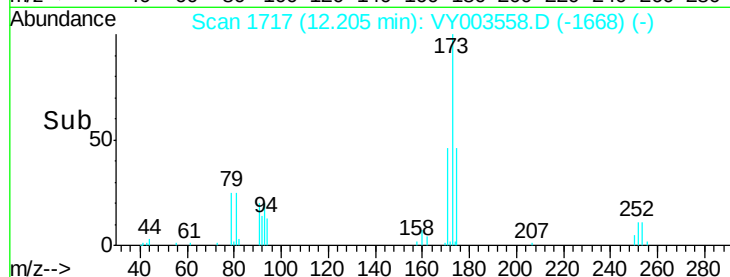
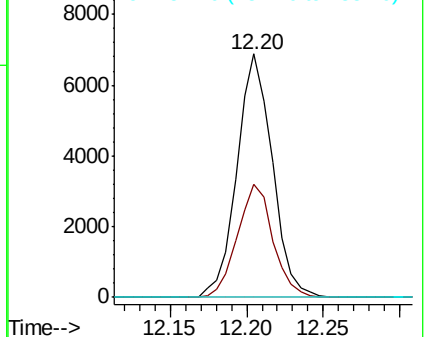
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

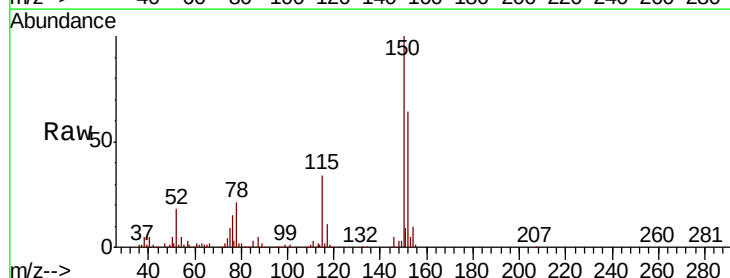
Tgt Ion:152 Resp: 102276

Ion Ratio Lower Upper

152 100

115 53.5 27.4 82.0

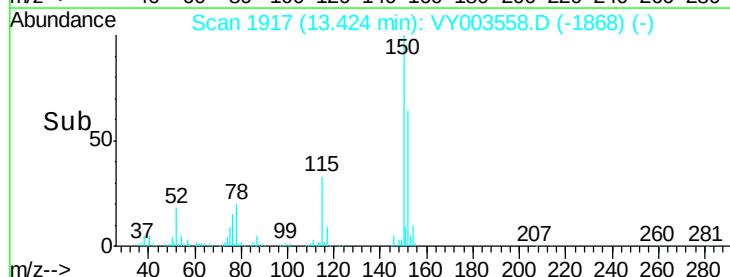
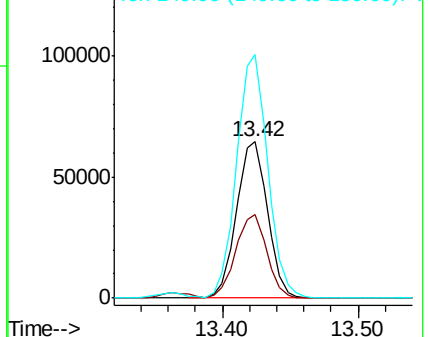
150 157.0 0.0 349.6

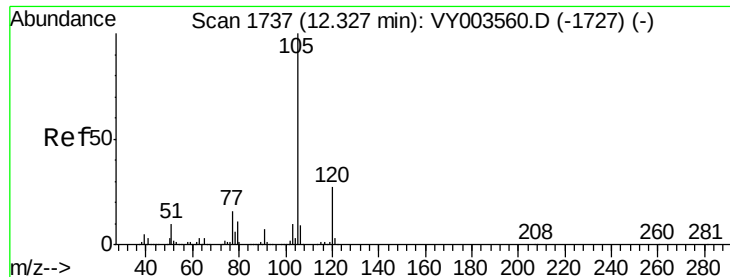


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





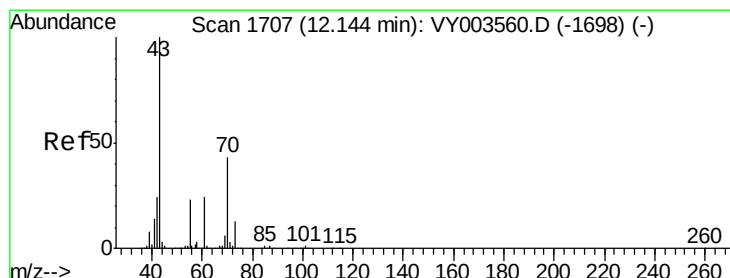
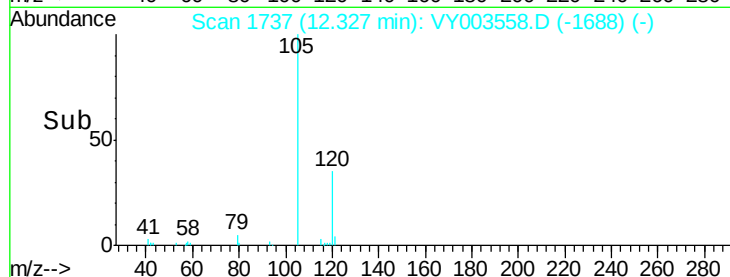
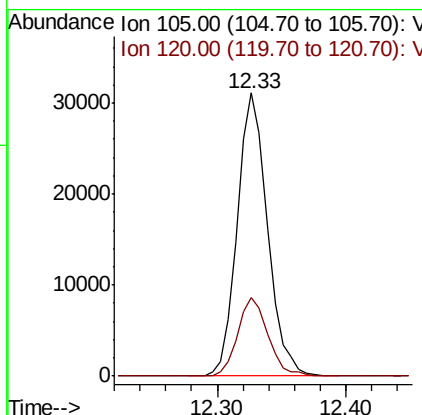
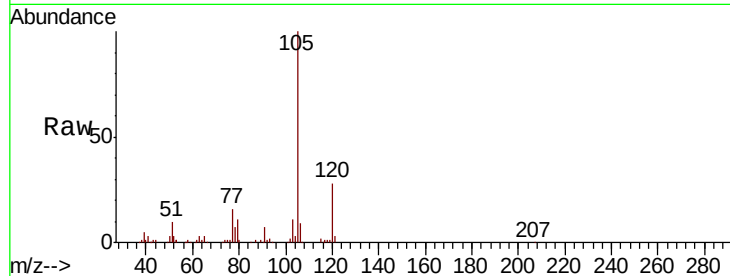
#73
Isopropylbenzene
Concen: 9.892 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.8	41.4

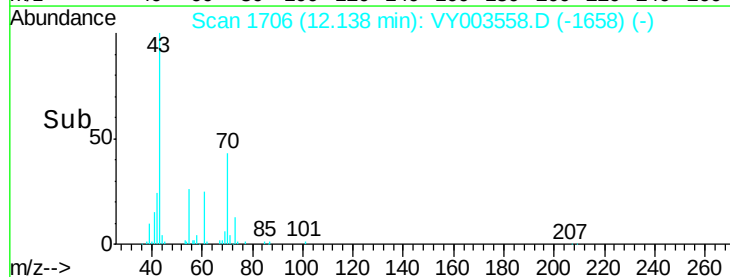
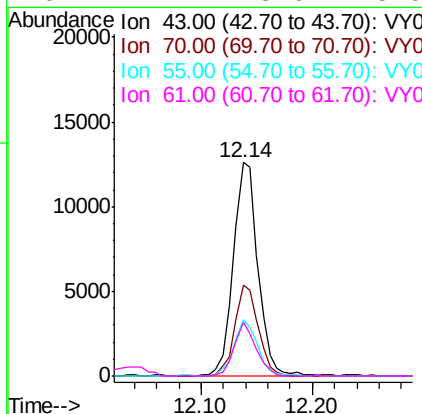
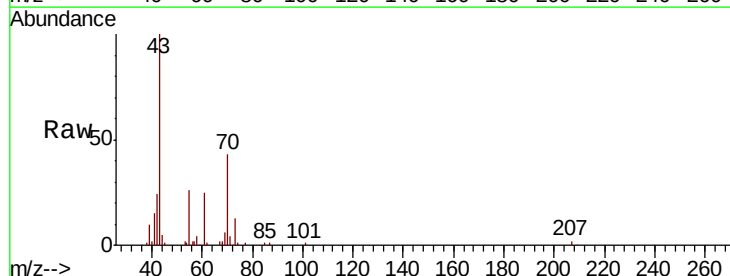
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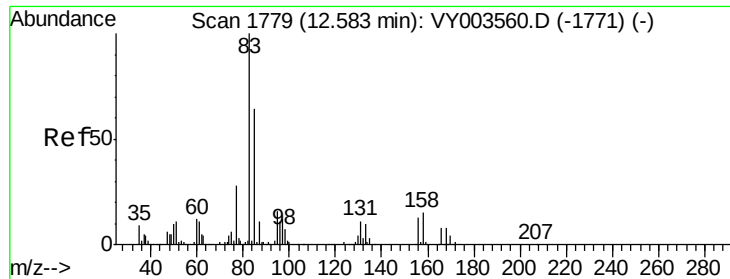
MMDadoda
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#74
N-ethyl acetate
Concen: 9.575 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.5	32.2	48.4
55	25.1	18.6	28.0
61	22.2	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.235 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

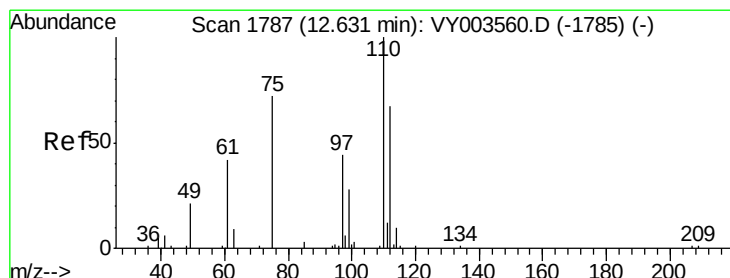
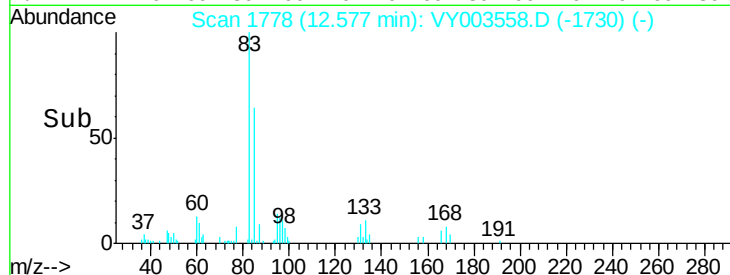
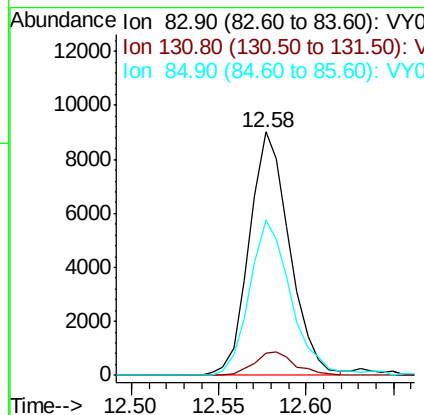
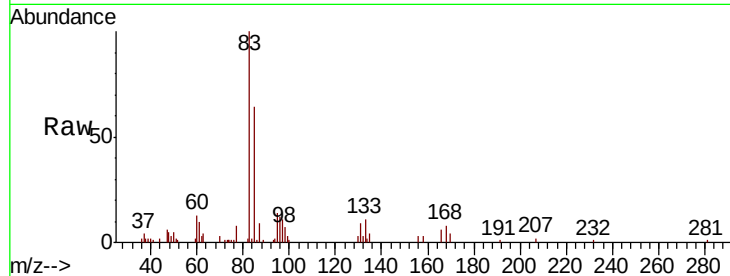
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	14509
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.2	15.6
85	66.7	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 11.438 ug/l m

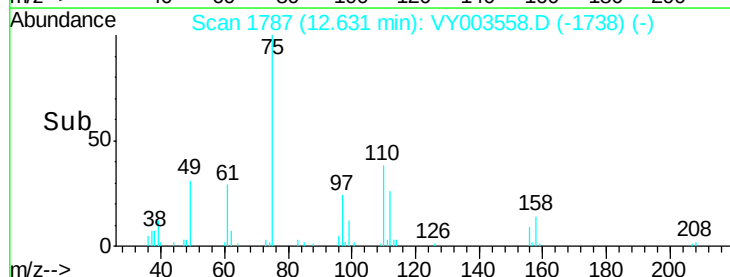
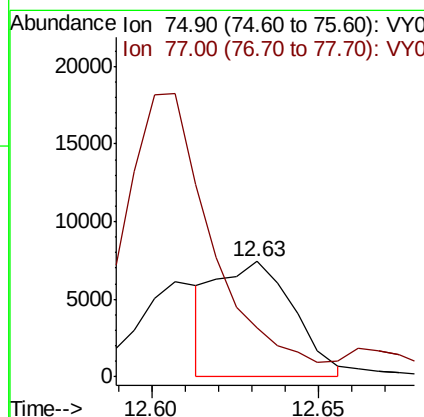
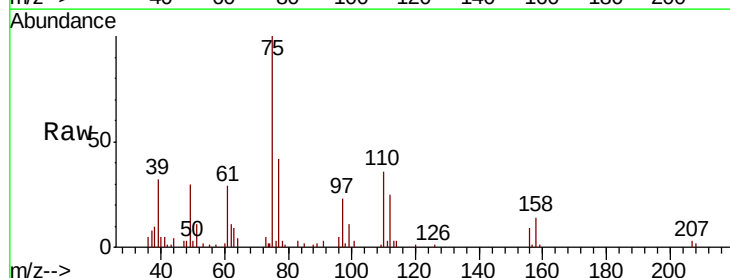
RT: 12.63 min Scan# 1787

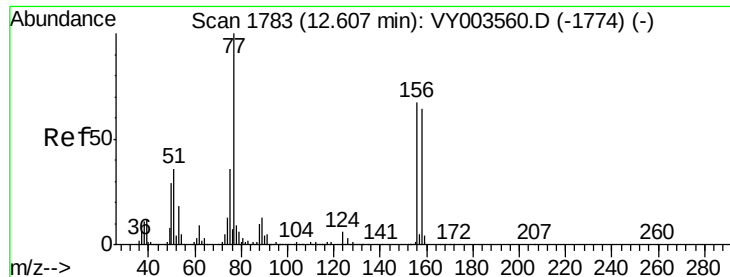
Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion:	75	Resp:	11927
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.472 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 19629

Ion Ratio Lower Upper

156 100

77 171.7 85.7 257.1

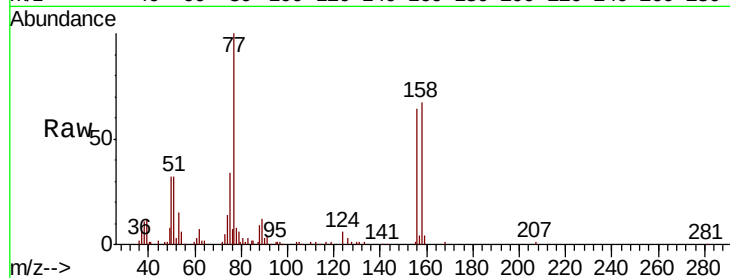
158 98.9 48.8 146.4

Manual Integrations

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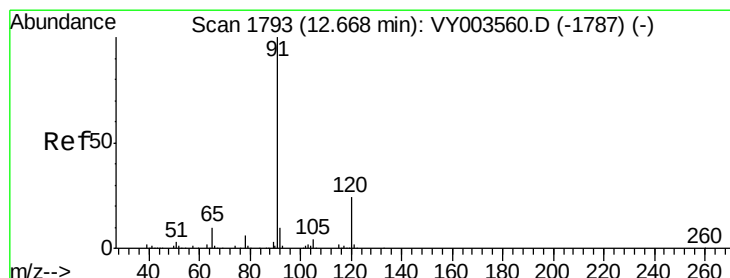
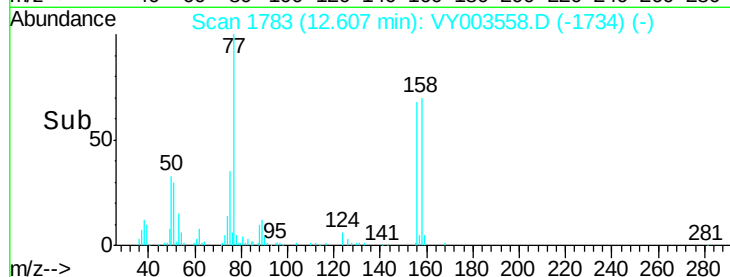
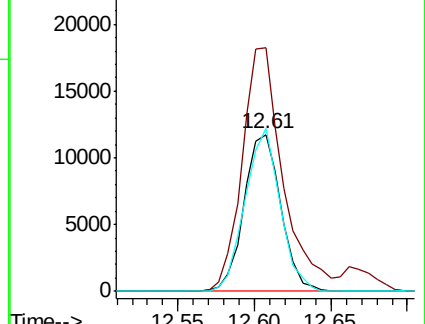
11/23/2020 1:39:21 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.938 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003558.D

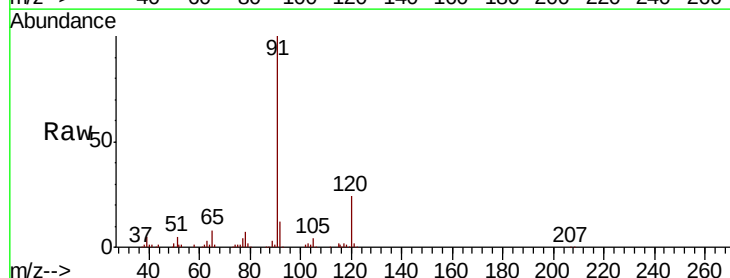
Acq: 20 Nov 2020 10:36

Tgt Ion: 91 Resp: 71126

Ion Ratio Lower Upper

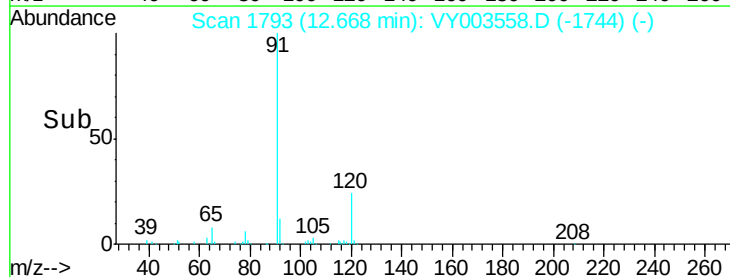
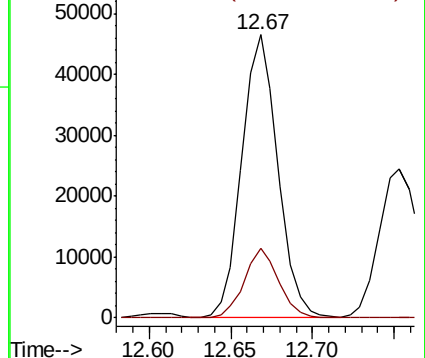
91 100

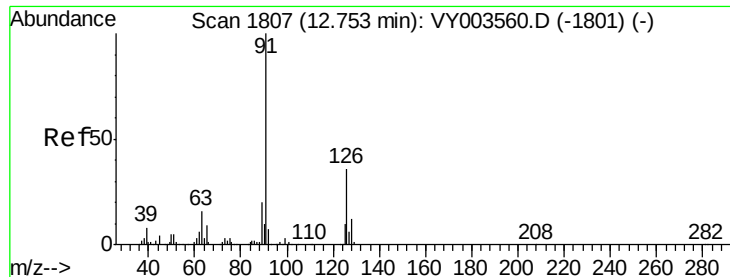
120 23.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





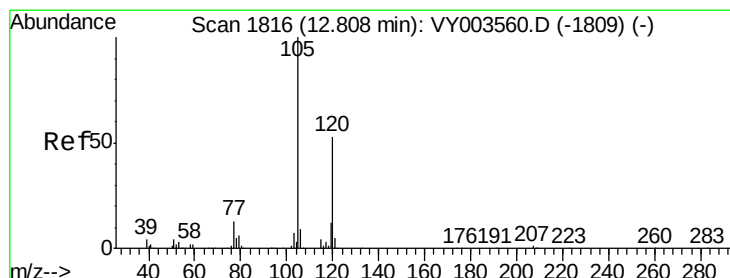
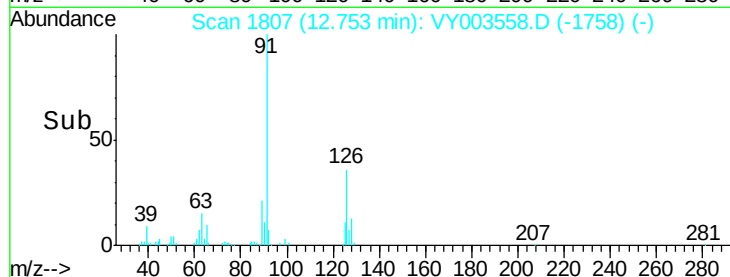
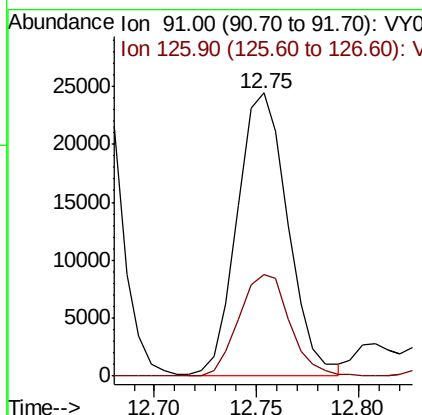
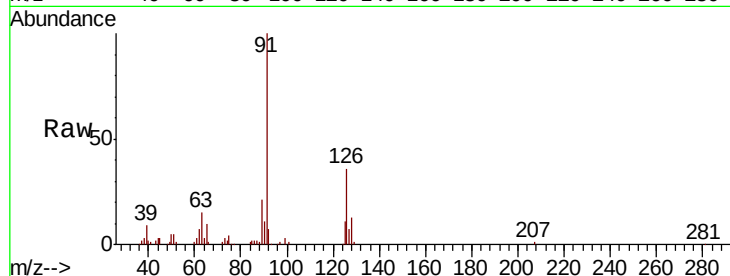
#79
 2-Chlorotoluene
 Concen: 10.142 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.3

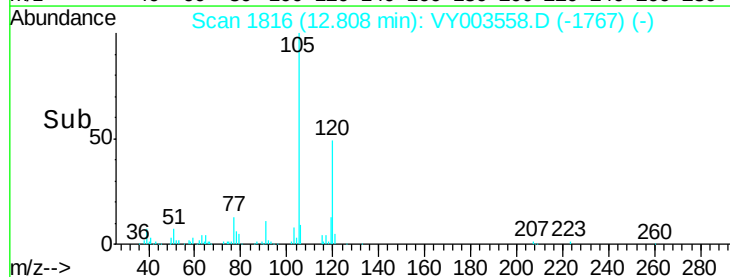
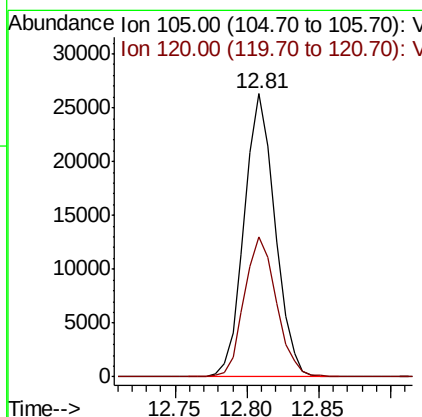
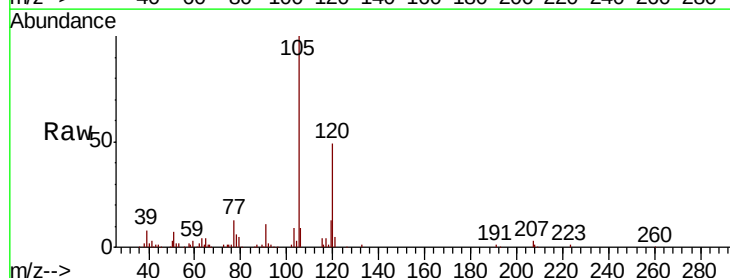
Manual Integrations
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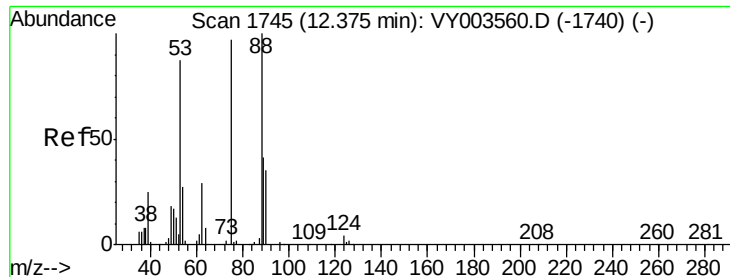
MMDadoda
 11/23/2020 1:39:21 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 10.192 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.4	26.3	78.8





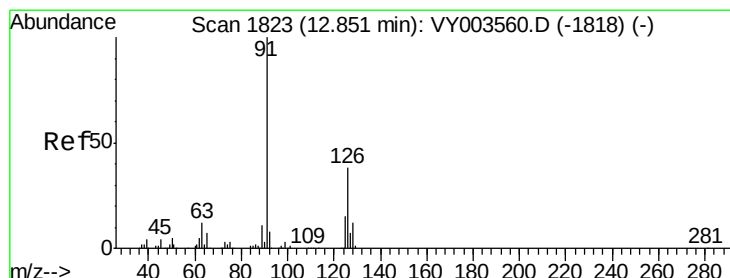
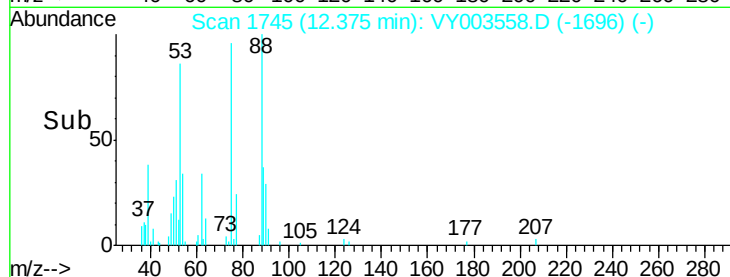
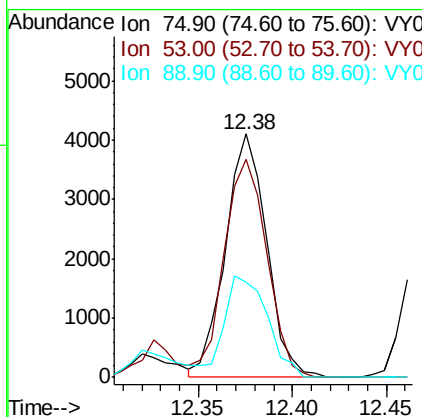
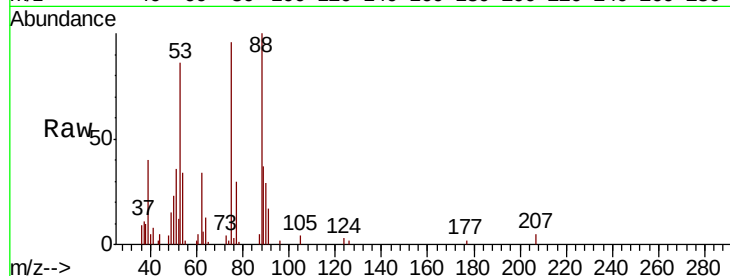
#81
trans-1,4-Dichloro-2-butene
Concen: 10.003 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	71.4	107.2
89	43.1	34.7	52.1

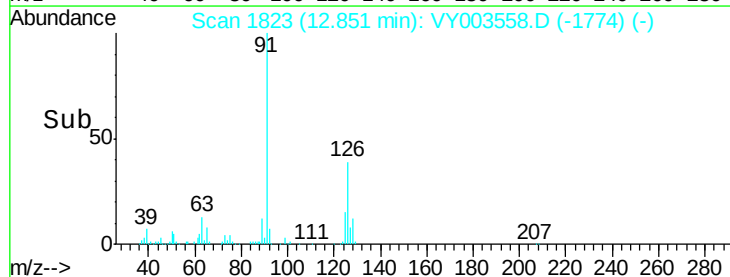
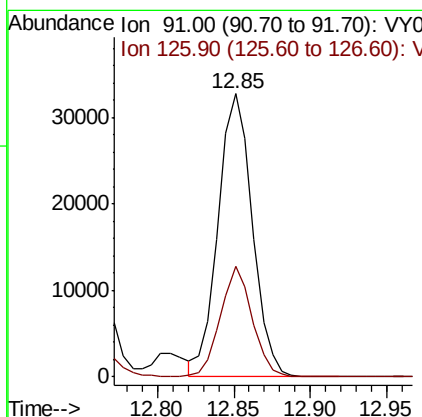
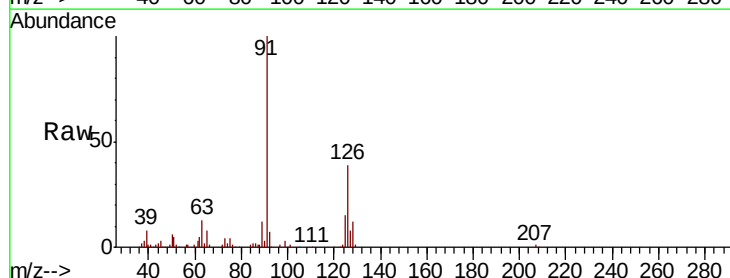
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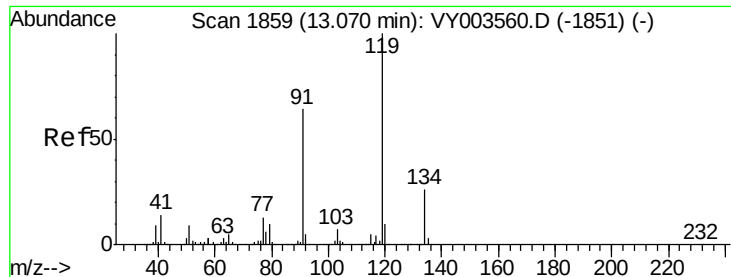
MMDadoda
11/23/2020 1:39:21 PM



#82
4-Chlorotoluene
Concen: 10.055 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.3





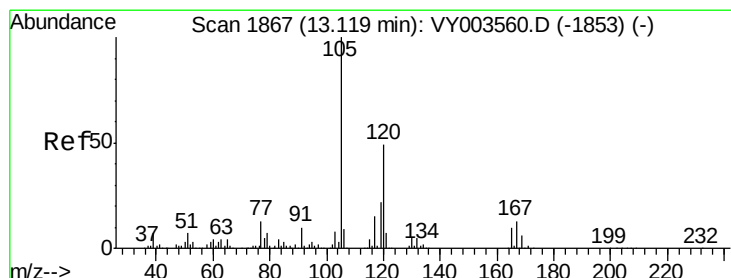
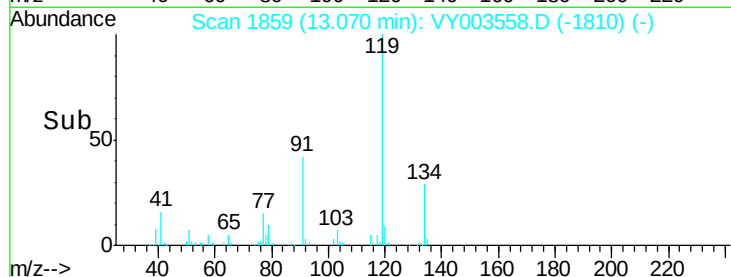
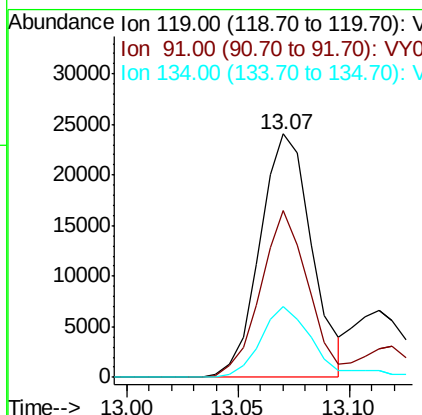
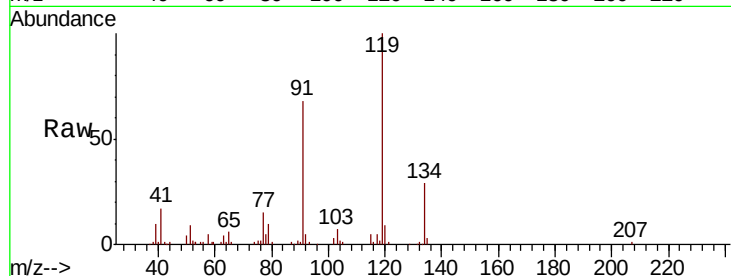
#83
 tert-Butylbenzene
 Concen: 10.050 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.8	95.3
134	29.9	14.1	42.2

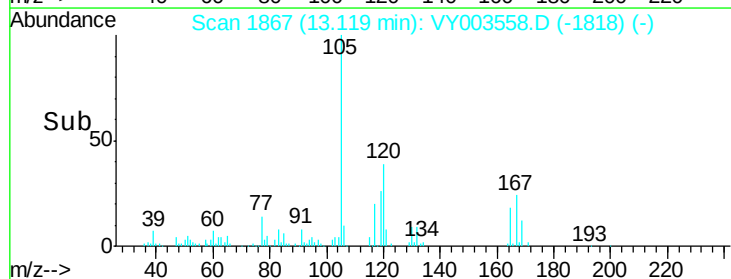
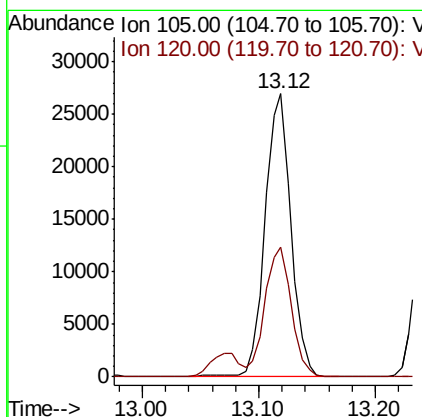
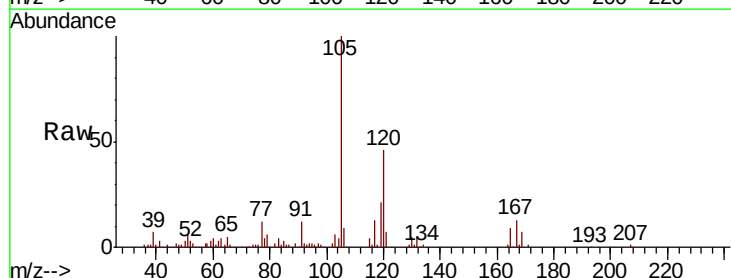
Manual Integrations
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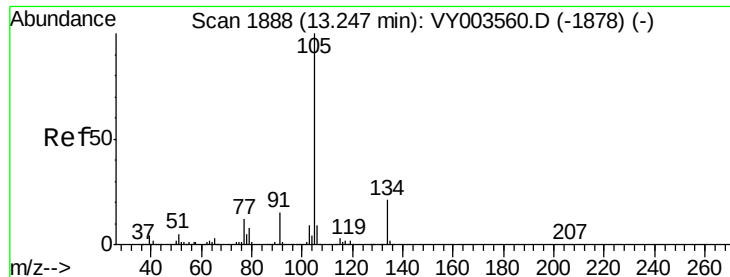
MMDadoda
 11/23/2020 1:39:21 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 10.208 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.8	71.4





#85

sec-Butylbenzene

Concen: 10.363 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 45465

Ion Ratio Lower Upper

105 100

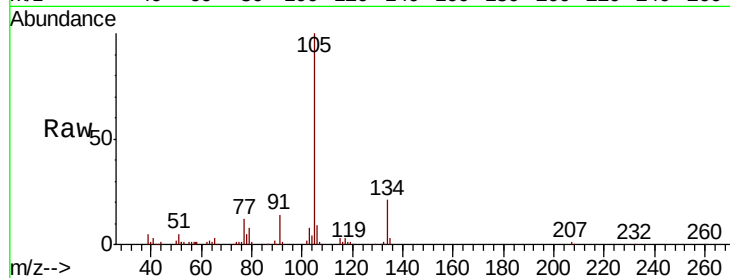
134 21.9 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

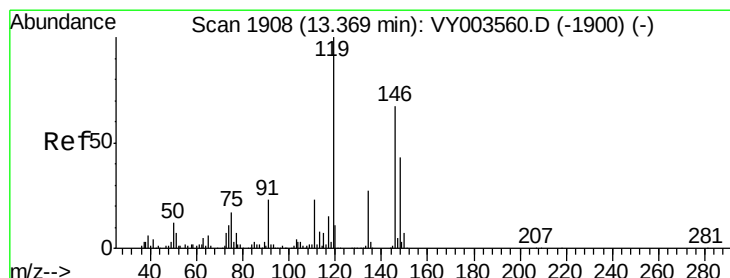
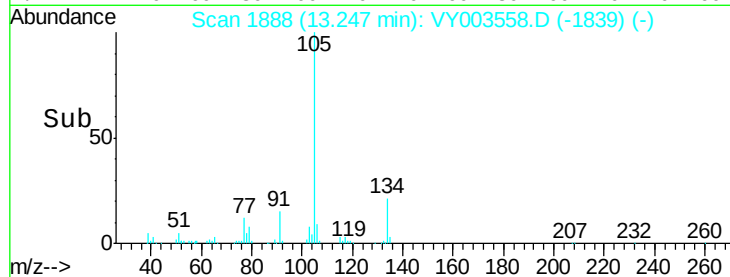
30000

20000

10000

0

Time-->



#86

p-Isopropyltoluene

Concen: 10.229 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

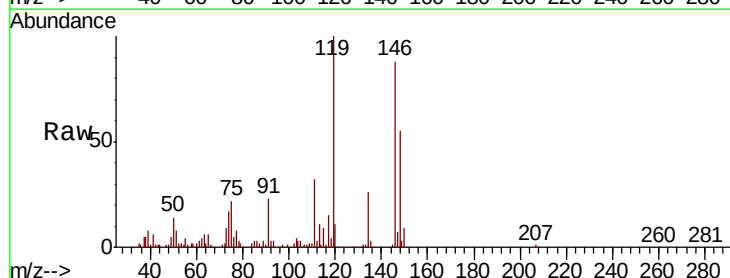
Tgt Ion:119 Resp: 40264

Ion Ratio Lower Upper

119 100

134 29.1 13.8 41.4

91 24.0 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

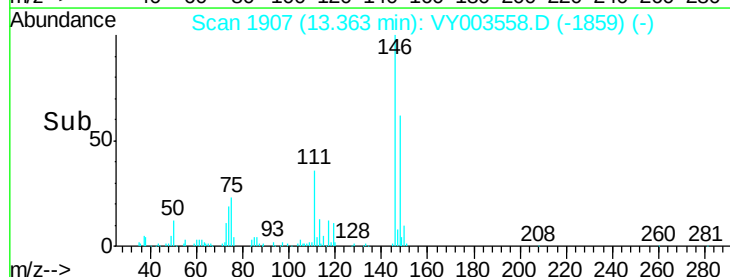
30000

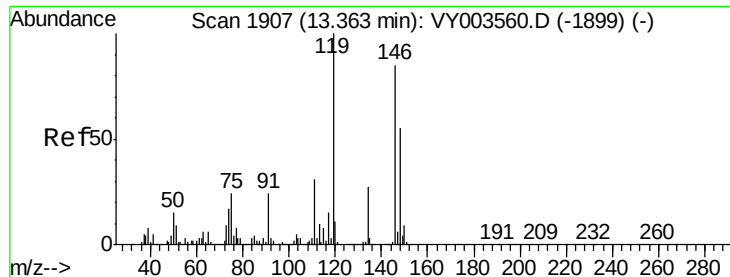
20000

10000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 10.308 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

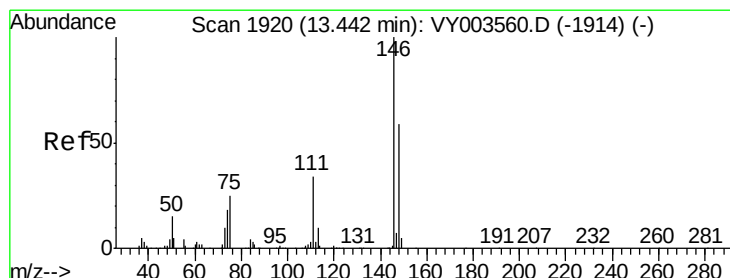
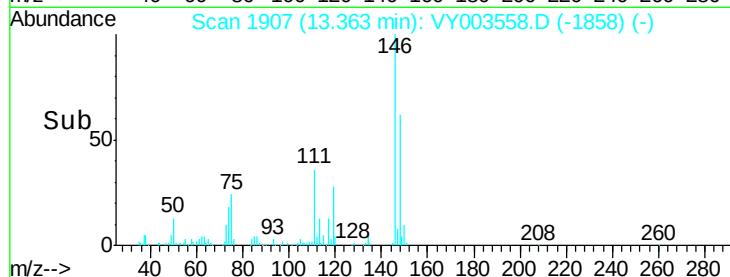
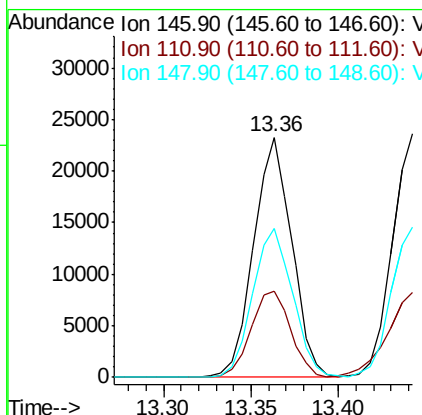
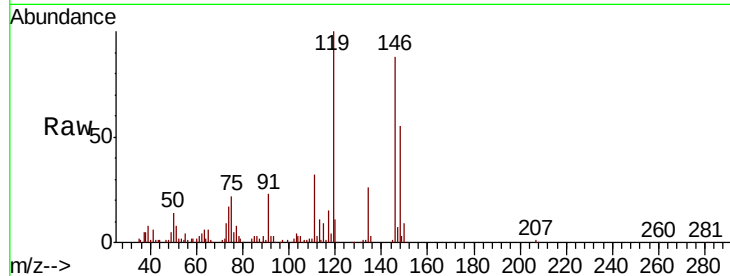
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.3	54.9
148	65.1	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.273 ug/l

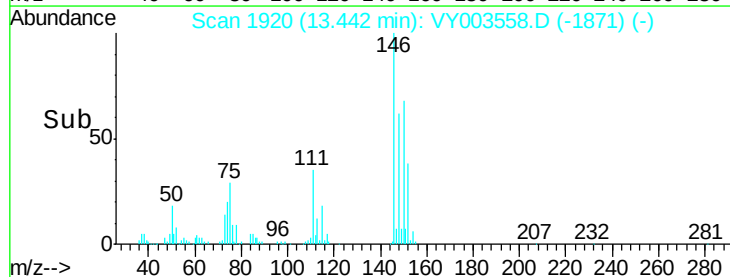
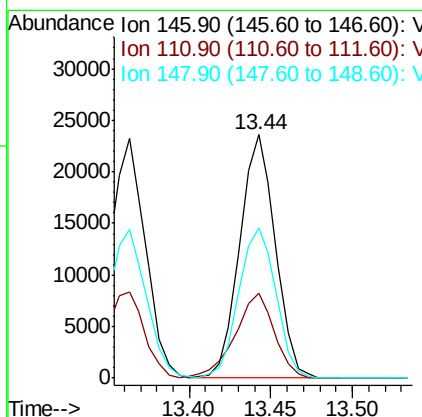
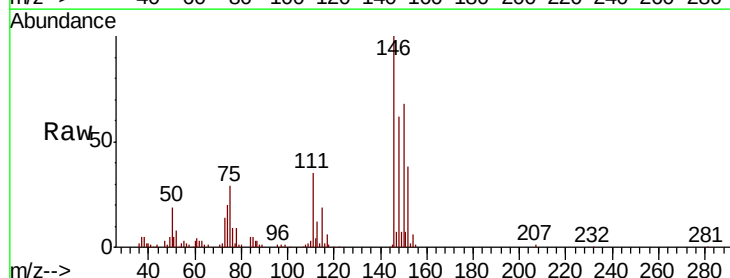
RT: 13.44 min Scan# 1920

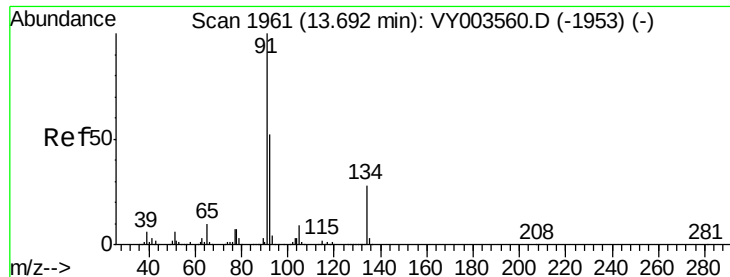
Delta R.T. 0.00 min

Lab File: VY003558.D

Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	17.8	53.4
148	64.4	31.1	93.2





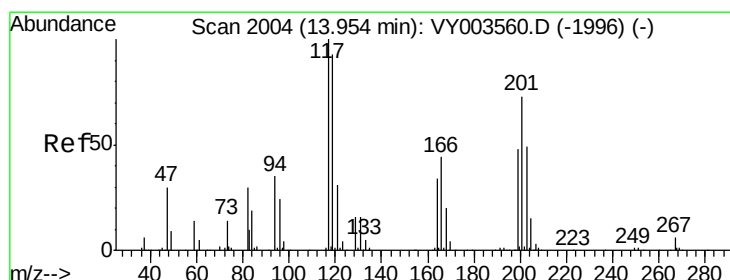
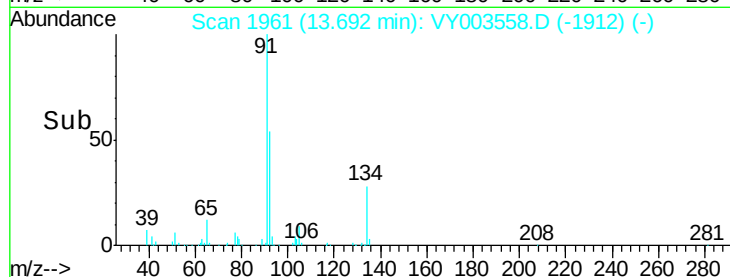
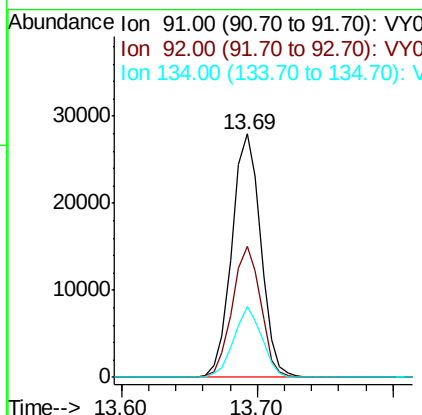
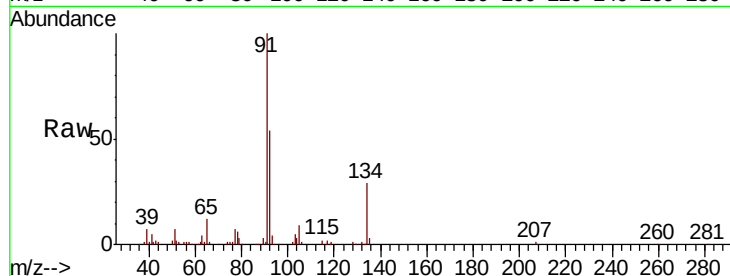
#89
n-Butylbenzene
Concen: 9.837 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	28.1	13.9	41.7

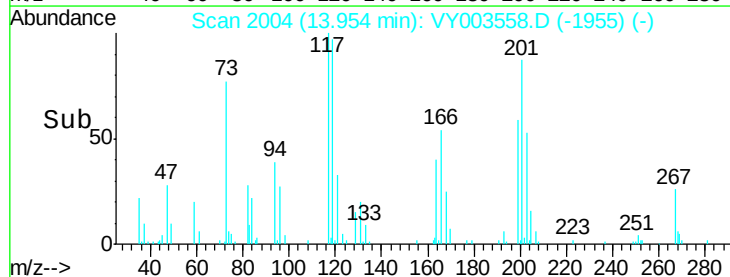
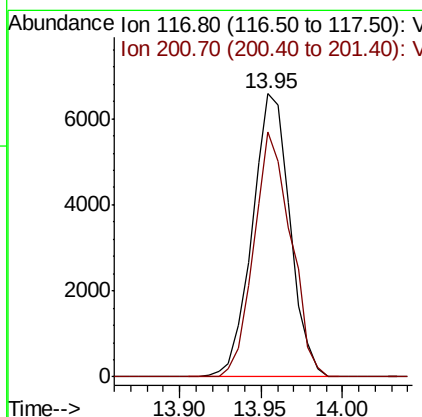
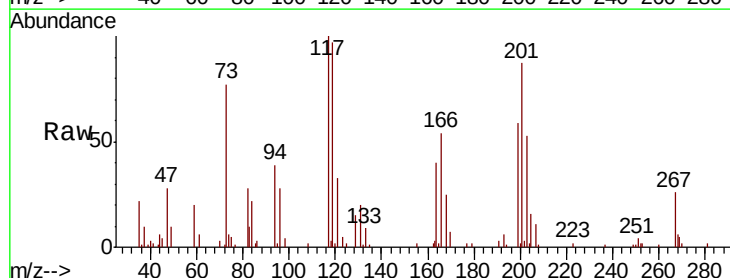
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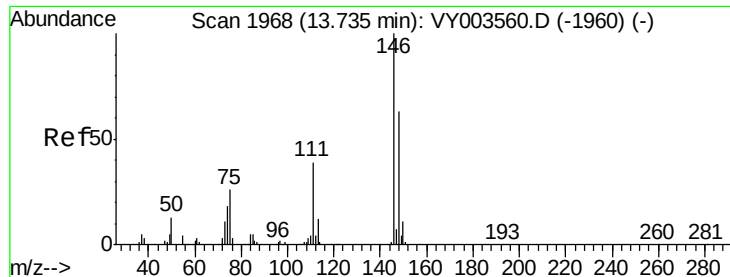
MMDadoda
11/23/2020 1:39:21 PM



#90
Hexachloroethane
Concen: 10.171 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	41.3	123.9





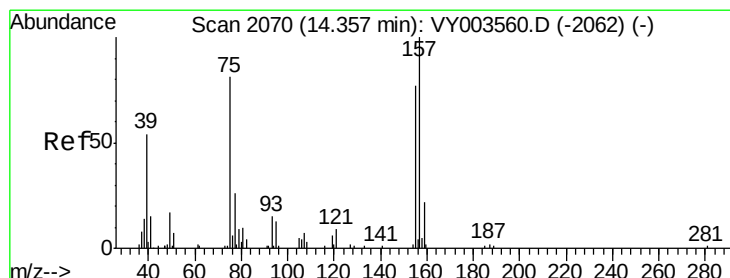
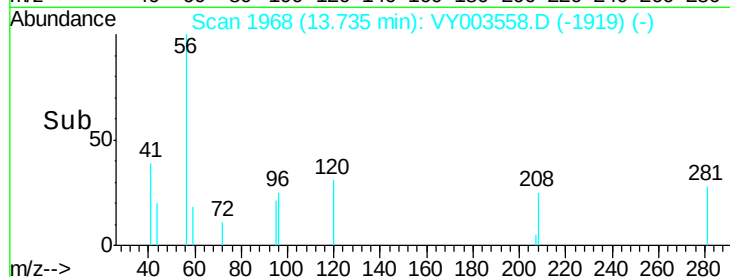
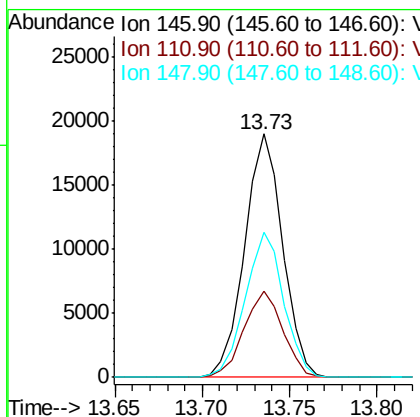
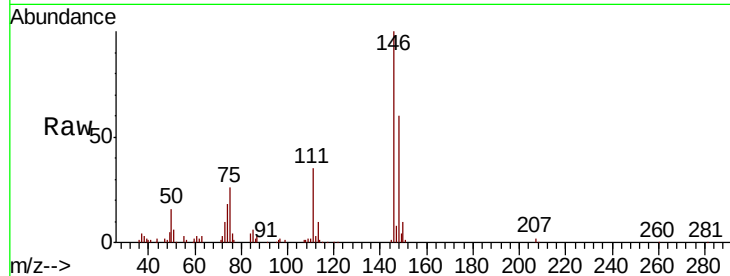
#91
 1,2-Dichlorobenzene
 Concen: 10.512 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.5
148	60.3	31.9	95.7

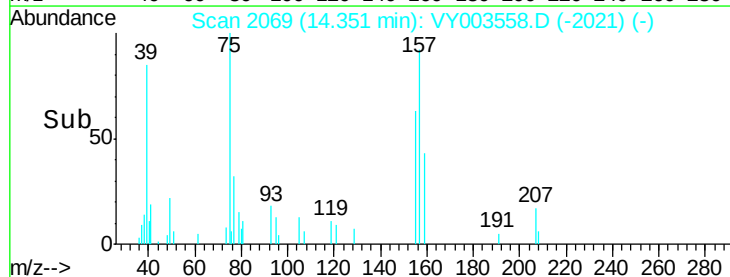
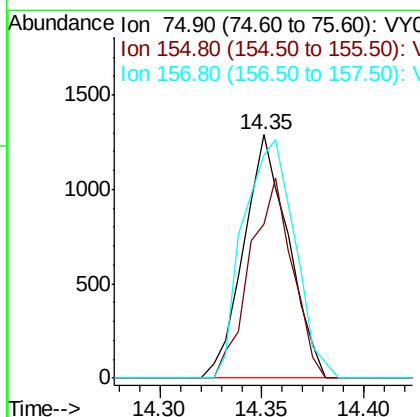
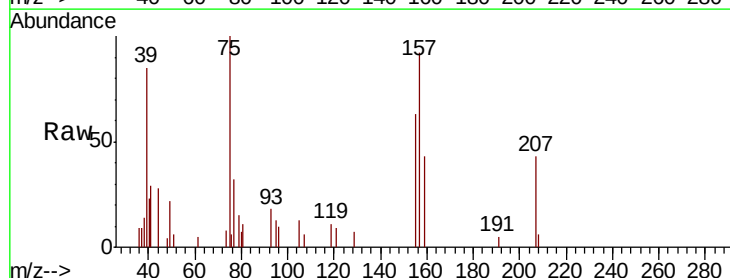
Manual Integrations
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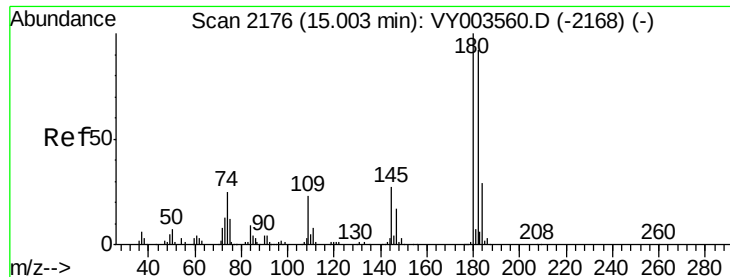
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.664 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	45.4	136.2
157	112.2	59.7	179.1





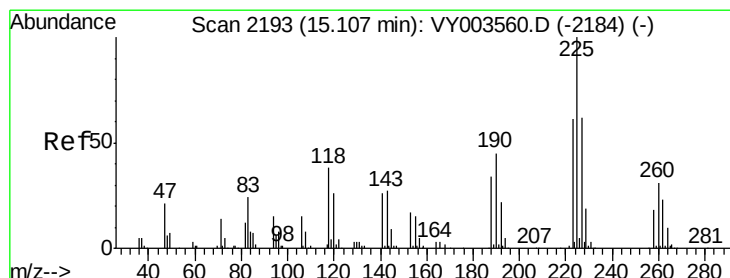
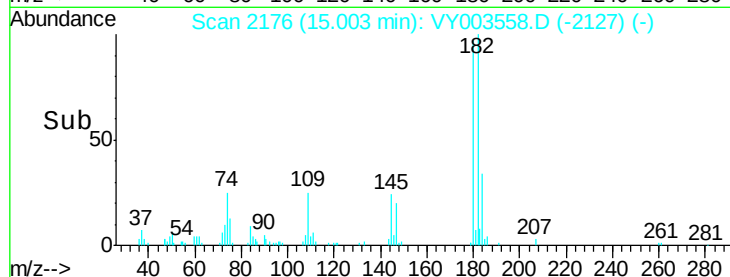
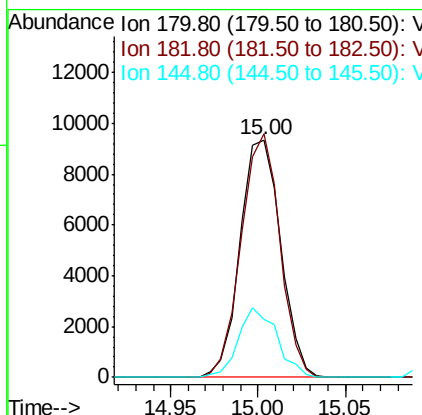
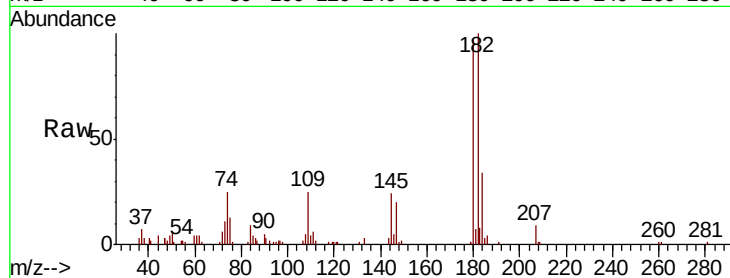
#93
 1,2,4-Trichlorobenzene
 Concen: 9.924 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.4	142.3
145	27.8	14.1	42.4

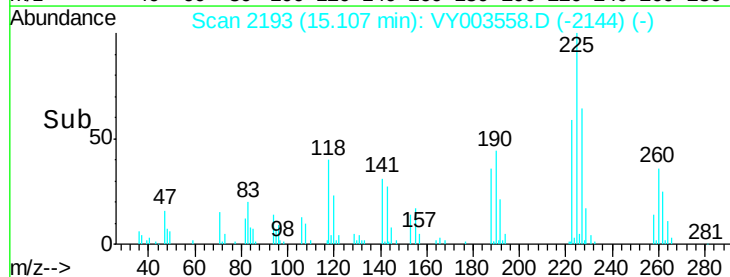
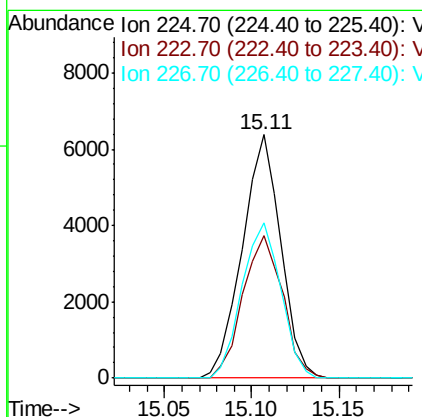
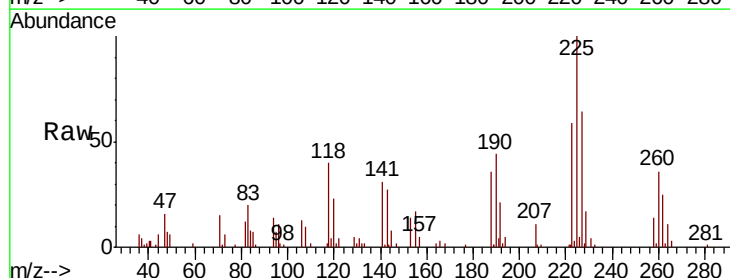
Manual Integrations
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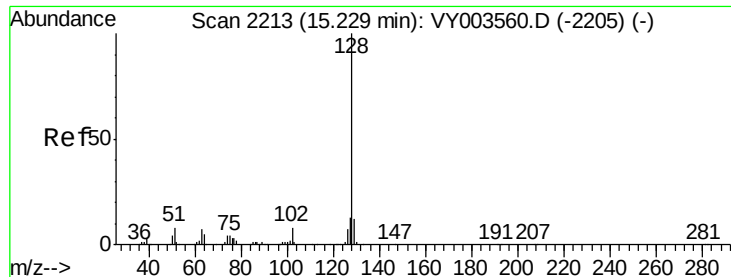
MMDadoda
 11/23/2020 1:39:21 PM



#94
 Hexachlorobutadiene
 Concen: 11.295 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003558.D
 Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	32.0	96.0
227	64.4	31.6	94.7





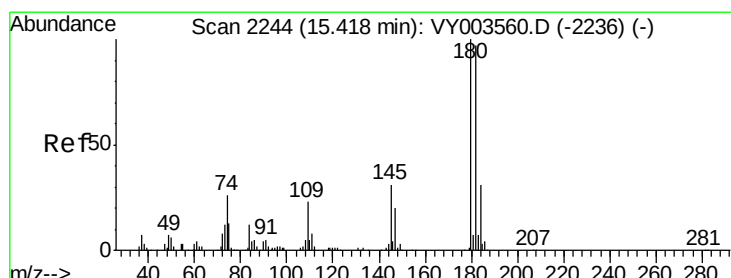
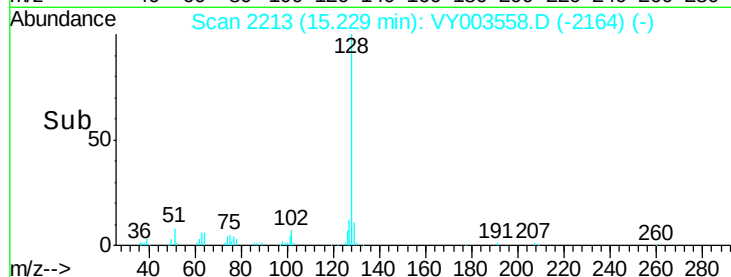
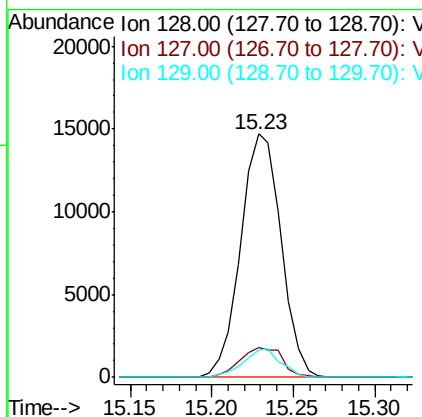
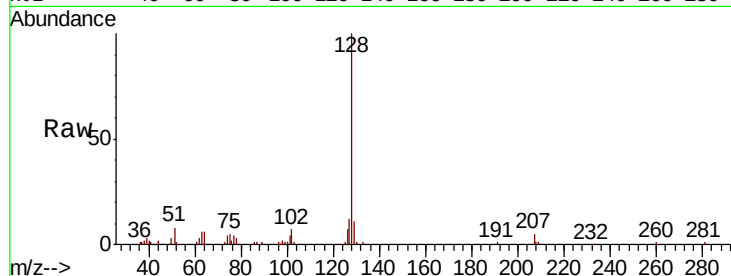
#95
Naphthalene
Concen: 9.727 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 10.133 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003558.D
Acq: 20 Nov 2020 10:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	30.9	15.5	46.5

