

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003561.D
 Acq On : 20 Nov 2020 11:40
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:28 PM

Quant Time: Nov 21 00:54:07 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	165520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	245314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	158713	92.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.70%#
35) Dibromofluoromethane	7.72	113	152672	94.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	189.36%#
50) Toluene-d8	10.18	98	592381	94.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	188.94%#
62) 4-Bromofluorobenzene	12.48	95	192129	96.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	193.10%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	48973	100.394	ug/l 99
3) Chloromethane	2.11	50	106886	93.087	ug/l 99
4) Vinyl Chloride	2.26	62	144508	97.282	ug/l 100
5) Bromomethane	2.66	94	115510	92.963	ug/l 95
6) Chloroethane	2.80	64	101282	97.226	ug/l 95
7) Trichlorofluoromethane	3.13	101	129948	99.170	ug/l 100
8) Diethyl Ether	3.54	74	91285	96.044	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141752	94.245	ug/l 99
10) Methyl Iodide	4.10	142	242444	93.416	ug/l 98
11) Tert butyl alcohol	5.02	59	66430	405.726	ug/l # 100
12) 1,1-Dichloroethene	3.88	96	156985	96.326	ug/l 97
13) Acrolein	3.74	56	80006	487.898	ug/l 96
14) Allyl chloride	4.49	41	265587	97.212	ug/l 99
15) Acrylonitrile	5.18	53	215930	482.888	ug/l 99
16) Acetone	3.97	43	316575	551.678	ug/l 96
17) Carbon Disulfide	4.20	76	435763	92.885	ug/l 98
18) Methyl Acetate	4.49	43	117115	93.816	ug/l 98
19) Methyl tert-butyl Ether	5.23	73	229576	94.907	ug/l 100
20) Methylene Chloride	4.72	84	173931	79.811	ug/l 99
21) trans-1,2-Dichloroethene	5.22	96	171970	94.376	ug/l 95
22) Diisopropyl ether	6.13	45	467300	99.789	ug/l 99
23) Vinyl Acetate	6.07	43	1837403	504.786	ug/l 99
24) 1,1-Dichloroethane	6.03	63	293756	94.245	ug/l 99
25) 2-Butanone	7.00	43	387943	521.003	ug/l 97
26) 2,2-Dichloropropane	6.99	77	182831	89.700	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	190498	96.431	ug/l 99
28) Bromochloromethane	7.34	49	156566	102.613	ug/l 98
29) Tetrahydrofuran	7.36	42	188608	483.509	ug/l 99
30) Chloroform	7.52	83	295326	94.948	ug/l 97
31) Cyclohexane	7.79	56	231959	93.358	ug/l 96
32) 1,1,1-Trichloroethane	7.71	97	232730	96.827	ug/l 99
36) 1,1-Dichloropropene	7.92	75	232192	96.142	ug/l 99
37) Ethyl Acetate	7.08	43	140360	96.443	ug/l 99
38) Carbon Tetrachloride	7.91	117	222410	99.413	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	257124	104.763	ug/l	98
40) Benzene	8.16	78	685513	95.751	ug/l	98
41) Methacrylonitrile	7.32	41	81118	113.356	ug/l	100
42) 1,2-Dichloroethane	8.24	62	193542	95.030	ug/l	100
43) Isopropyl Acetate	8.28	43	264454	98.960	ug/l	98
44) Trichloroethene	8.94	130	184638	94.648	ug/l	100
45) 1,2-Dichloropropane	9.22	63	174047	98.072	ug/l	97
46) Dibromomethane	9.31	93	96143	95.130	ug/l	99
47) Bromodichloromethane	9.50	83	232760	96.961	ug/l	98
48) Methyl methacrylate	9.30	41	125925	98.440	ug/l	100
49) 1,4-Dioxane	9.33	88	24005	2072.995	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	670684	523.658	ug/l	100
52) Toluene	10.24	92	429422	97.963	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	250177	99.574	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	282089	98.645	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	137528	95.940	ug/l	97
56) Ethyl methacrylate	10.51	69	187204	107.463	ug/l	99
57) 1,3-Dichloropropane	10.79	76	235919	97.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	446779	499.762	ug/l	100
59) 2-Hexanone	10.83	43	572863	542.581	ug/l	100
60) Dibromochloromethane	10.99	129	170218	98.208	ug/l	99
61) 1,2-Dibromoethane	11.09	107	134791	97.576	ug/l	99
64) Tetrachloroethene	10.72	164	159023	95.678	ug/l	97
65) Chlorobenzene	11.52	112	456522	94.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	136861	99.075	ug/l	99
67) Ethyl Benzene	11.59	91	793402	100.578	ug/l	99
68) m/p-Xylenes	11.70	106	602508	199.464	ug/l	98
69) o-Xylene	12.03	106	248080	102.673	ug/l	99
70) Styrene	12.04	104	497496	102.159	ug/l	99
71) Bromoform	12.20	173	107871	96.699	ug/l #	100
73) Isopropylbenzene	12.33	105	550204	102.075	ug/l	100
74) N-amyl acetate	12.14	43	227694	106.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	148012	98.680	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	100331m	90.937	ug/l	
77) Bromobenzene	12.61	156	190635	96.126	ug/l	98
78) n-propylbenzene	12.67	91	774461	102.271	ug/l	99
79) 2-Chlorotoluene	12.75	91	436371	99.832	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	400911	98.958	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	64494	97.727	ug/l	100
82) 4-Chlorotoluene	12.85	91	528831	98.746	ug/l	100
83) tert-Butylbenzene	13.07	119	405018	98.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	433988	100.609	ug/l	100
85) sec-Butylbenzene	13.25	105	448477	96.618	ug/l	99
86) p-Isopropyltoluene	13.37	119	409073	98.219	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	350144	96.993	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	352864	95.384	ug/l	99
89) n-Butylbenzene	13.69	91	466727	104.729	ug/l	99
90) Hexachloroethane	13.96	117	106967	97.130	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	278266	96.571	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18942	96.958	ug/l	97

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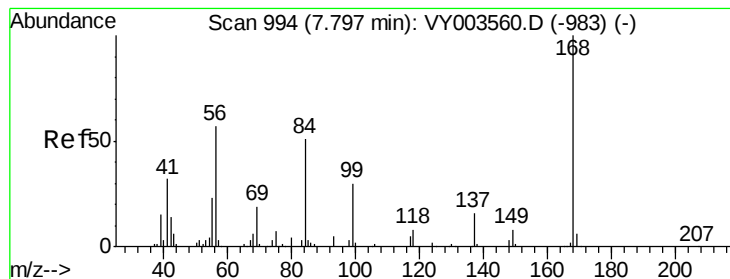
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	166958	103.315	ug/l	99
94) Hexachlorobutadiene	15.11	225	77646	84.528	ug/l	99
95) Naphthalene	15.23	128	295602	107.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	119059	100.224	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: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 165520

Ion Ratio Lower Upper

168 100

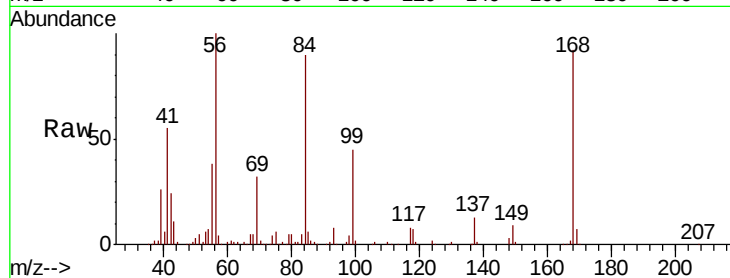
99 48.3 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003561.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003561.D (-945) (-)

7.80

80000

60000

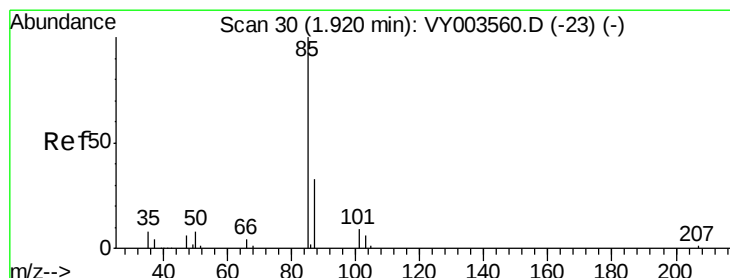
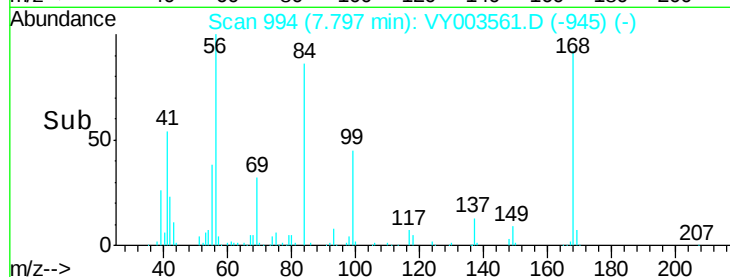
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 100.394 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY003561.D

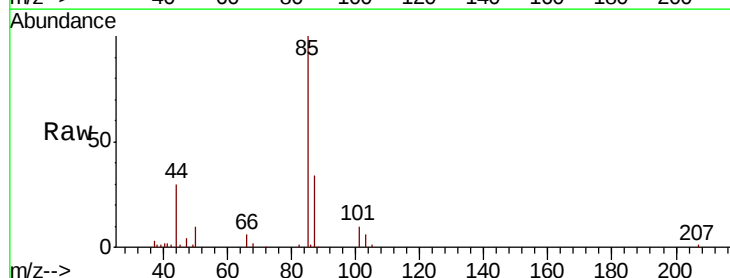
Acq: 20 Nov 2020 11:40

Tgt Ion: 85 Resp: 48973

Ion Ratio Lower Upper

85 100

87 33.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003561.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003561.D (-1) (-)

1.92

15000

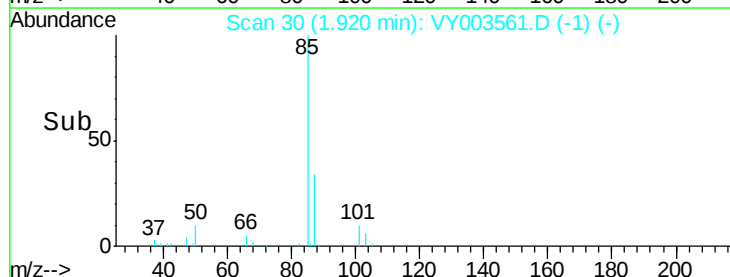
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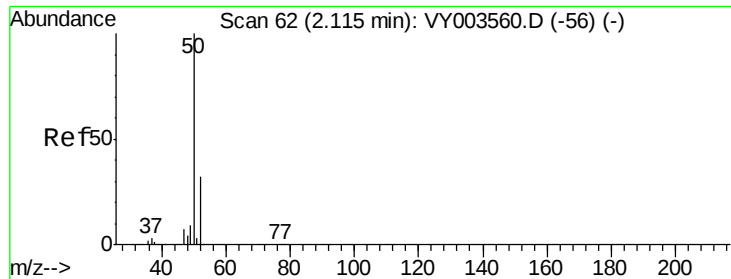
5000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 93.087 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 106886

Ion Ratio Lower Upper

50 100

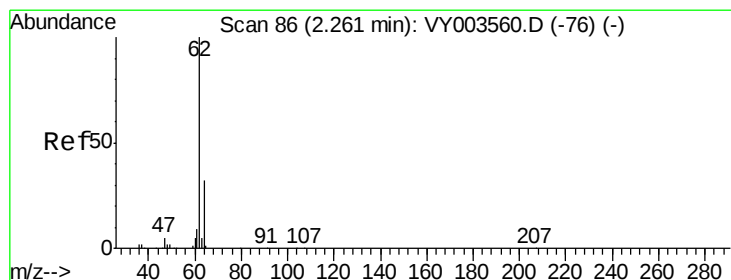
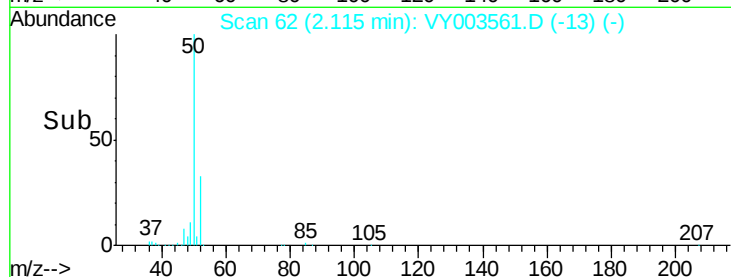
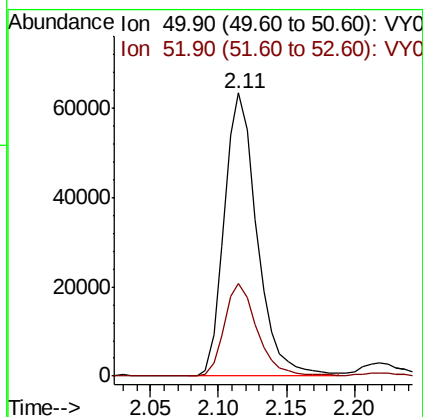
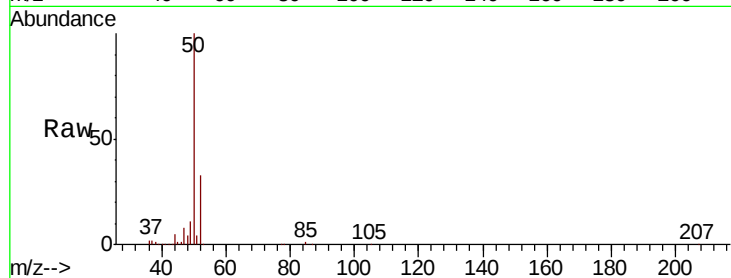
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 97.282 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003561.D

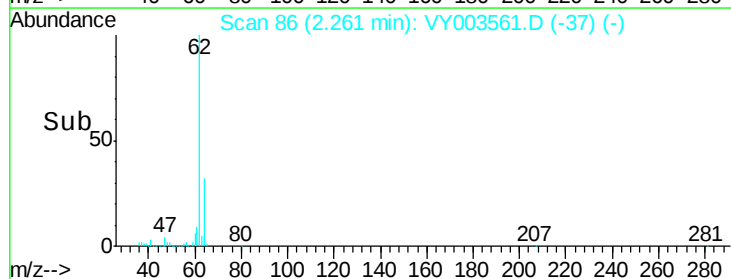
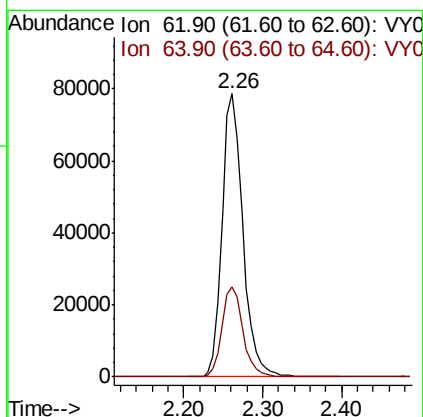
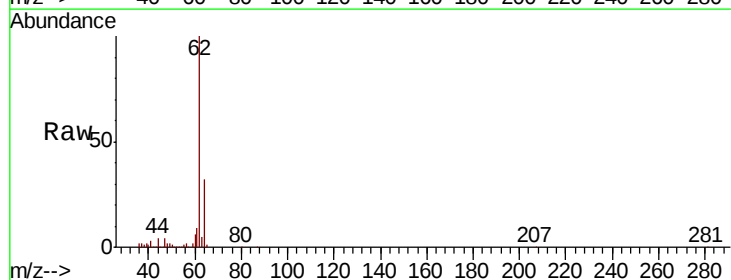
Acq: 20 Nov 2020 11:40

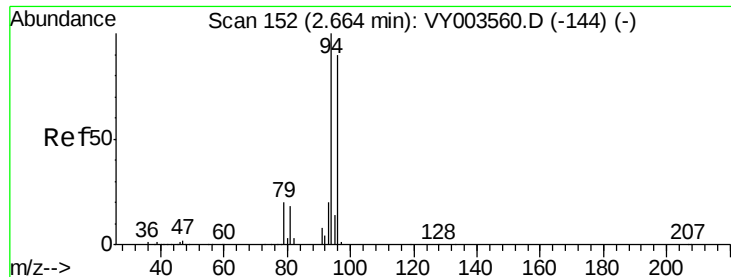
Tgt Ion: 62 Resp: 144508

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 92.963 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 115510

Ion Ratio Lower Upper

94 100

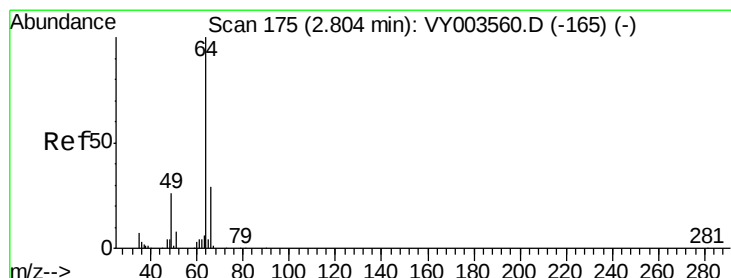
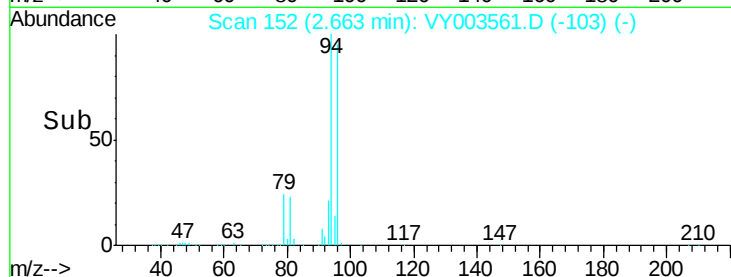
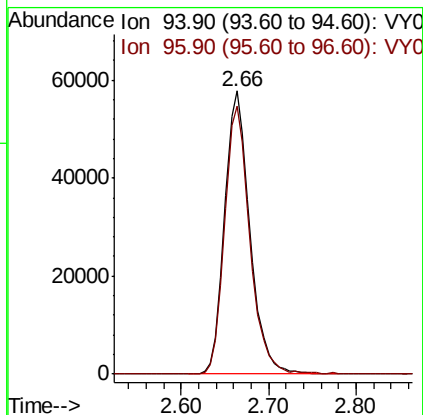
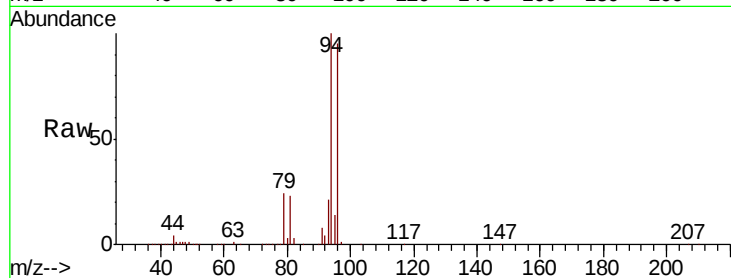
96 94.5 71.9 107.9

Manual Integrations

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#6

Chloroethane

Concen: 97.226 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003561.D

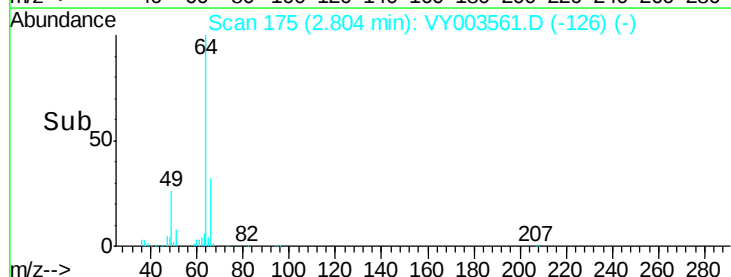
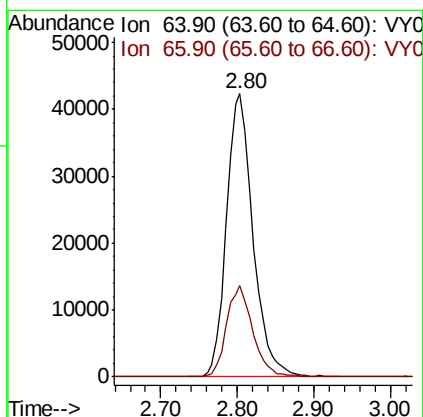
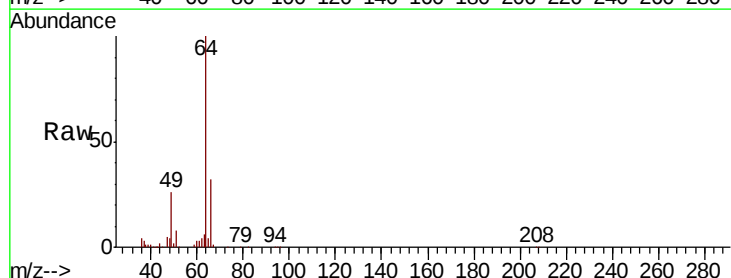
Acq: 20 Nov 2020 11:40

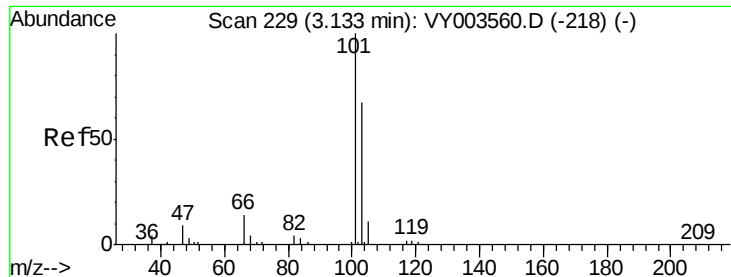
Tgt Ion: 64 Resp: 101282

Ion Ratio Lower Upper

64 100

66 32.3 23.6 35.4





#7

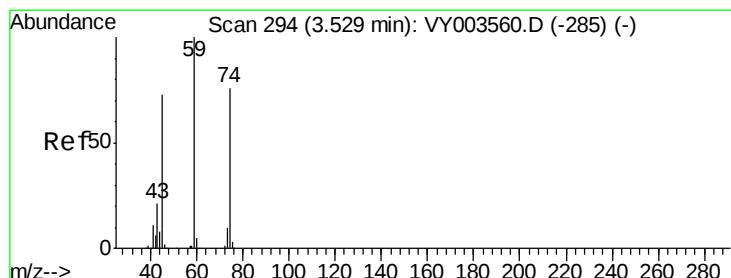
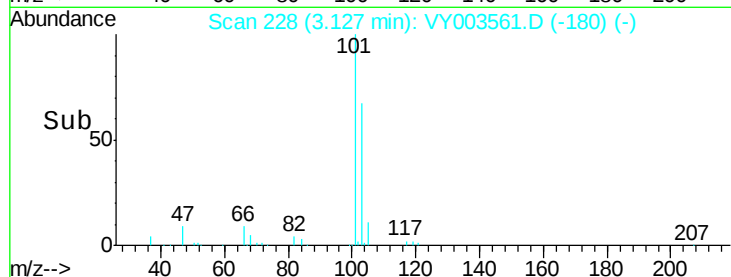
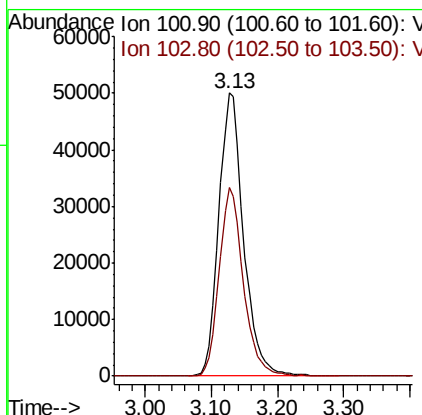
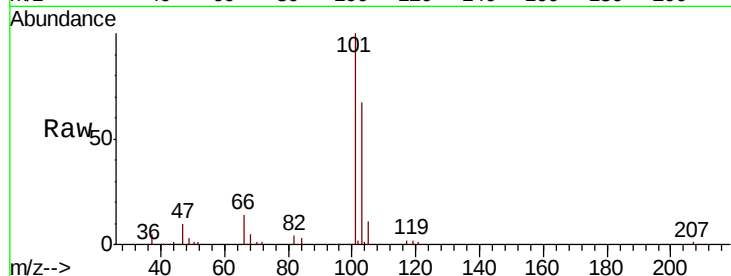
Trichlorofluoromethane
Concen: 99.170 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

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MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.3	79.9

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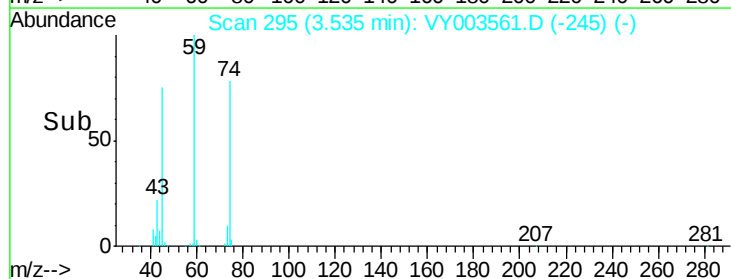
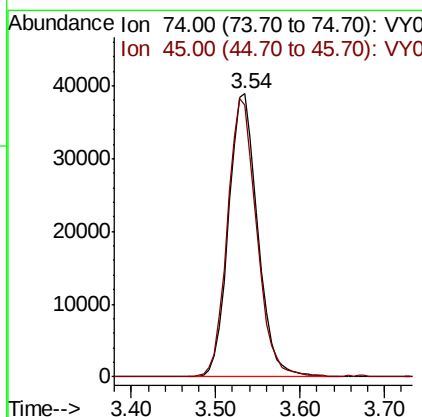
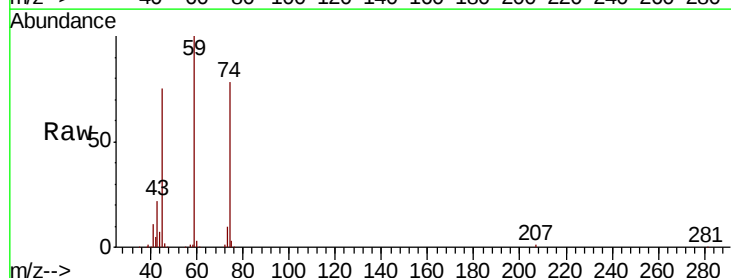
MMDadoda
11/23/2020 1:39:28 PM

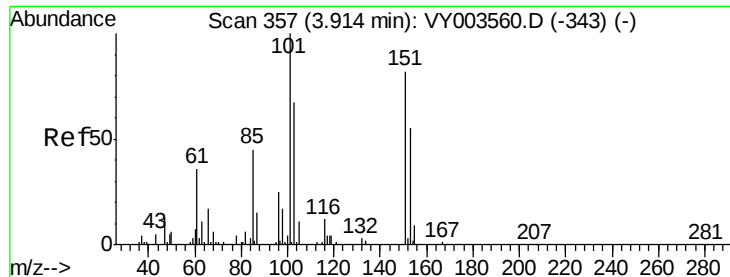


#8

Diethyl Ether
Concen: 96.044 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.245 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003561.D

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Instrument :

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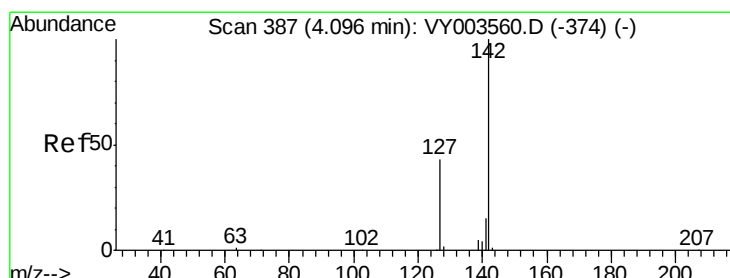
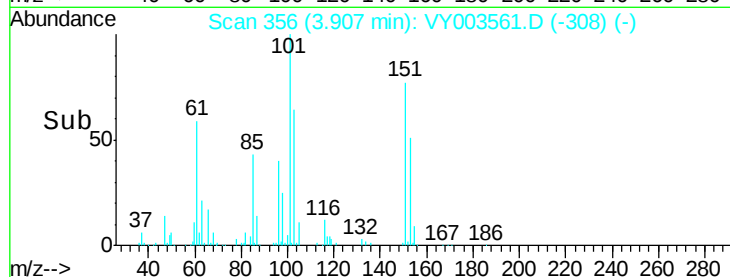
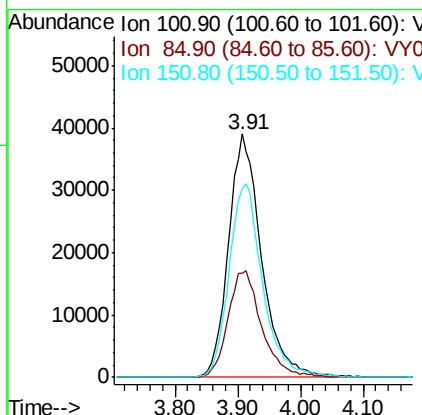
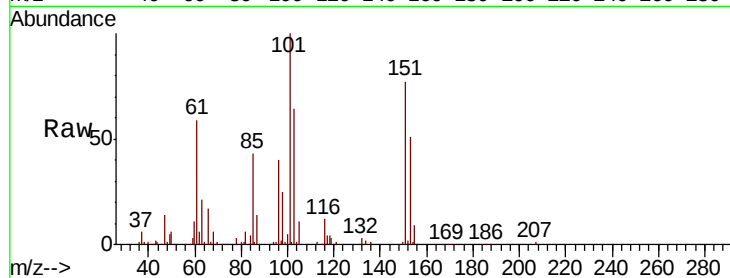
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	141752
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	80.9	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 93.416 ug/l

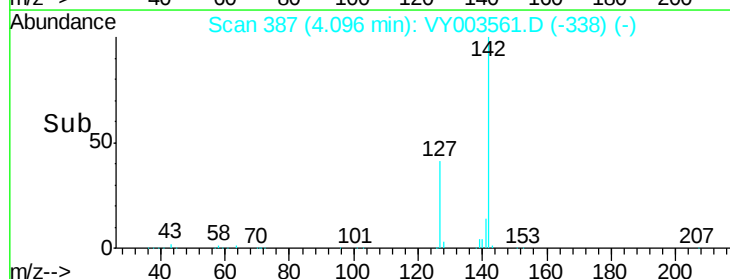
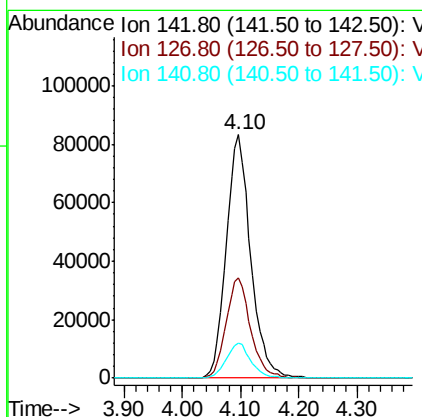
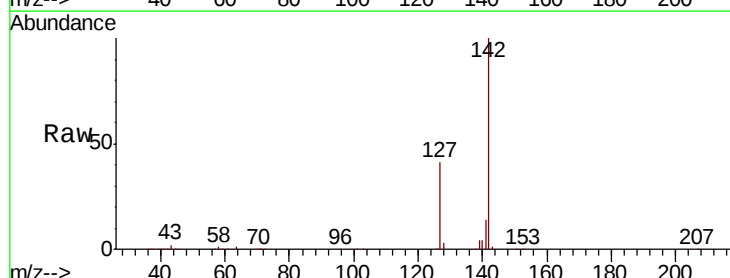
RT: 4.10 min Scan# 387

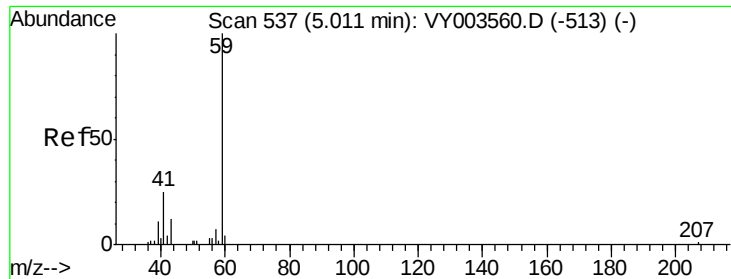
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	142	Resp:	242444
Ion Ratio	Lower	Upper	
142	100		
127	41.4	34.2	51.2
141	14.3	11.5	17.3





#11

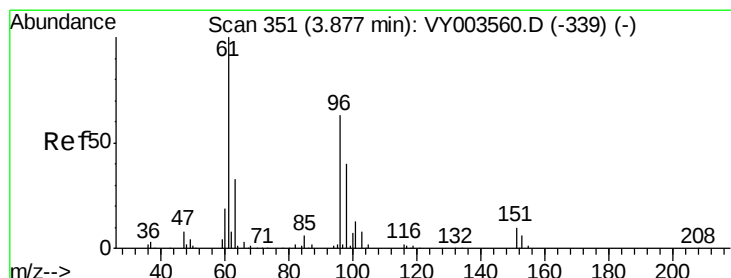
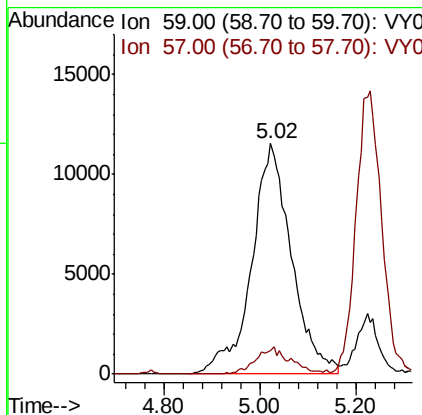
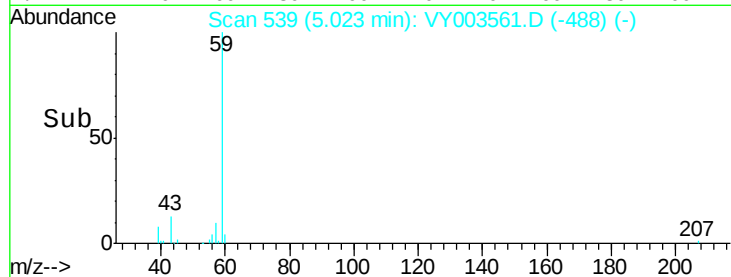
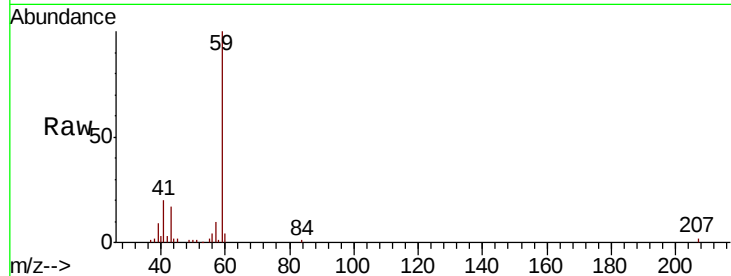
Tert butyl alcohol
Concen: 405.726 ug/l
RT: 5.02 min Scan# 539
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	66430		
57	57	7.9		0.0	0.0#

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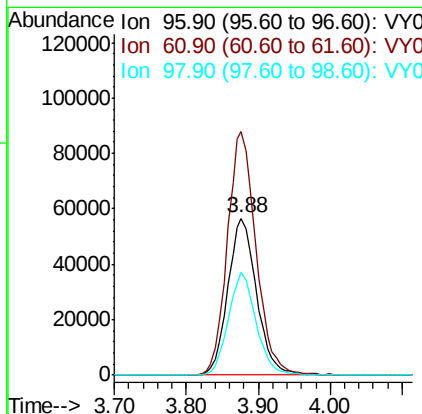
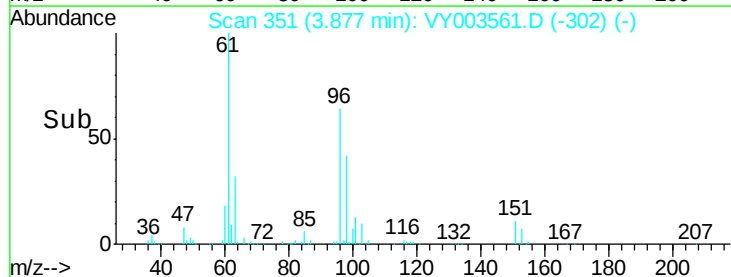
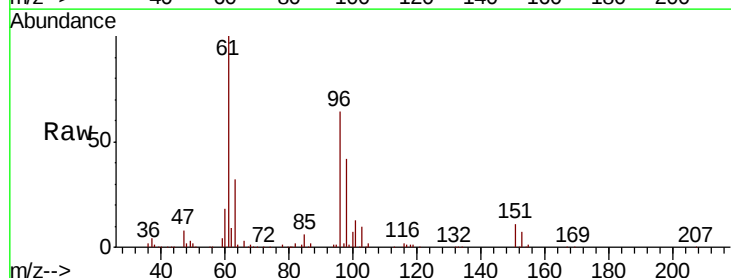
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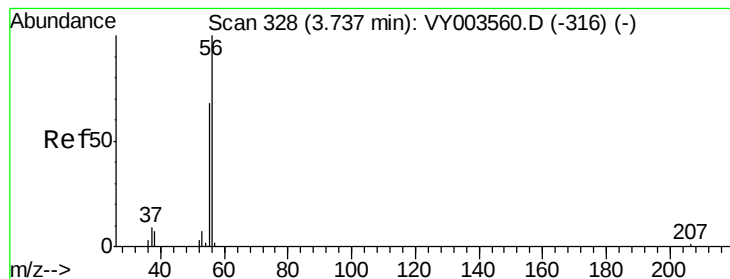


#12

1,1-Dichloroethene
Concen: 96.326 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	156985		
61	61	155.2		127.3	190.9
98	98	65.7		50.6	76.0





#13

Acrolein

Concen: 487.898 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 80006

Ion Ratio Lower Upper

56 100

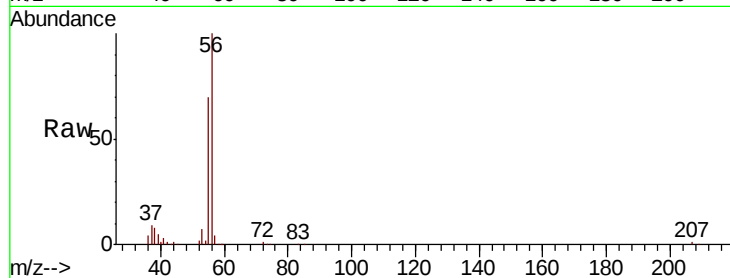
55 71.7 54.6 81.8

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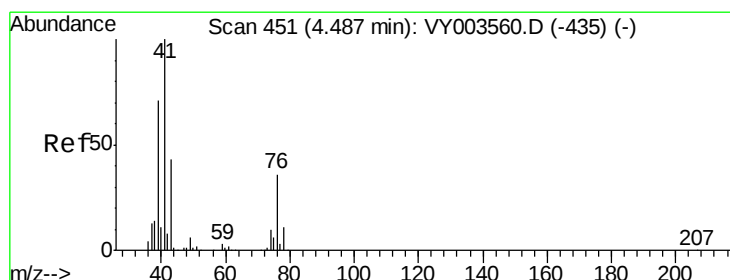
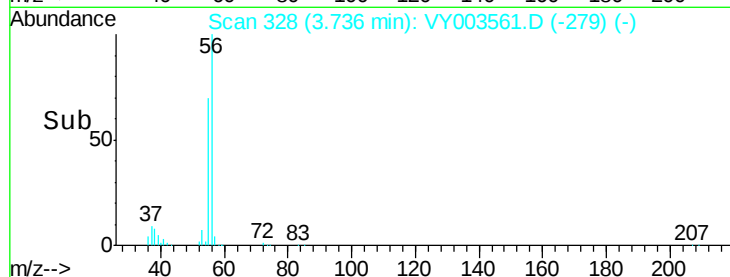
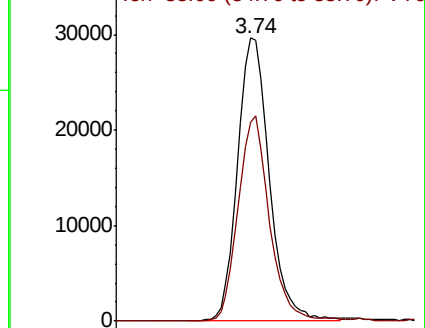
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 97.212 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

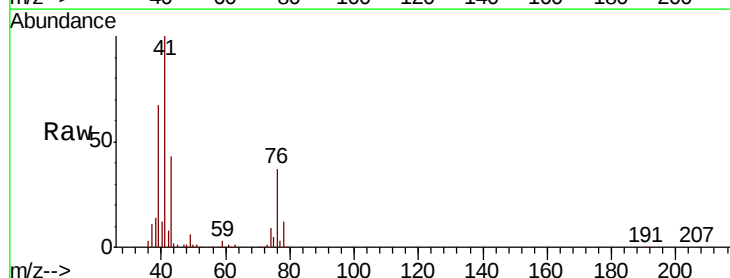
Tgt Ion: 41 Resp: 265587

Ion Ratio Lower Upper

41 100

39 67.2 54.2 81.2

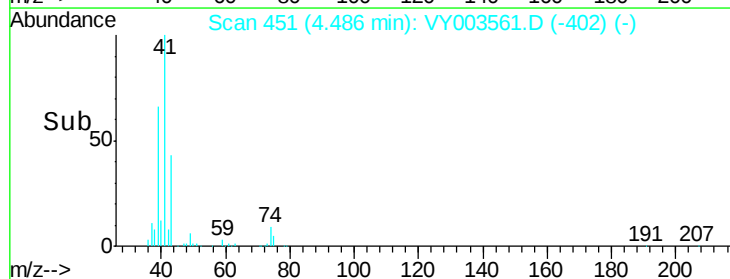
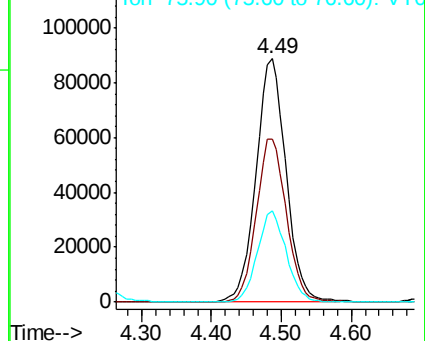
76 35.7 28.9 43.3

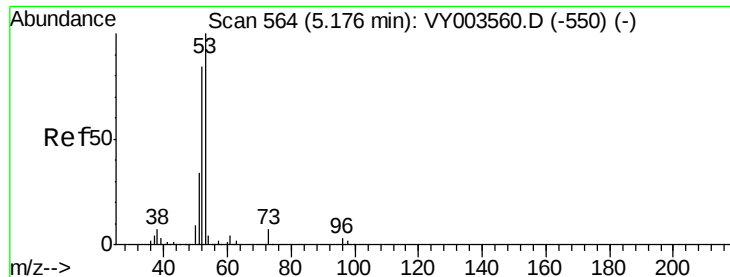


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 482.888 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

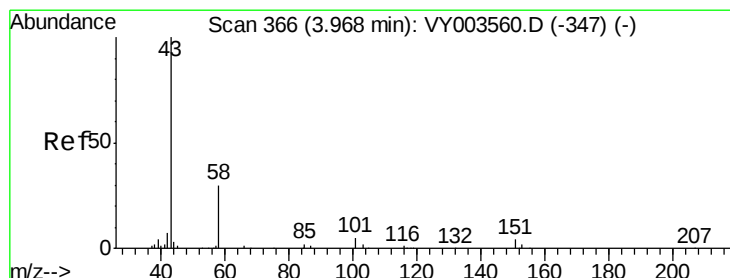
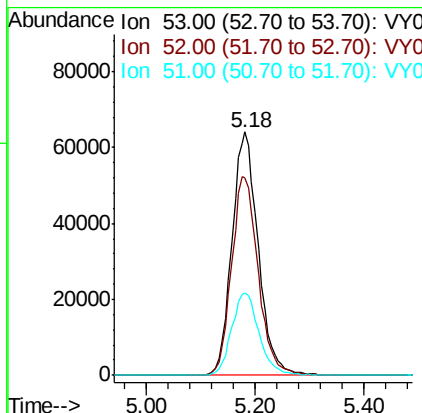
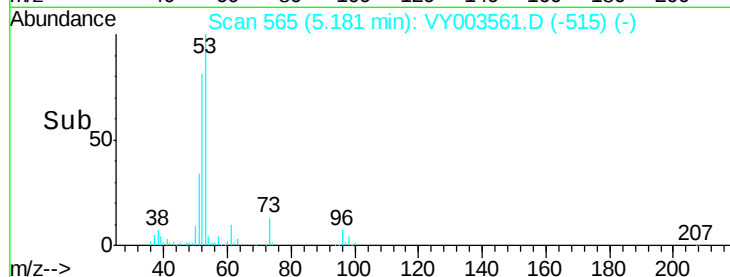
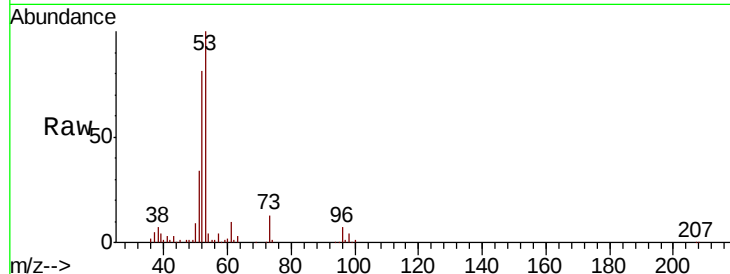
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	215930
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.3	29.0	43.4

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#16

Acetone

Concen: 551.678 ug/l

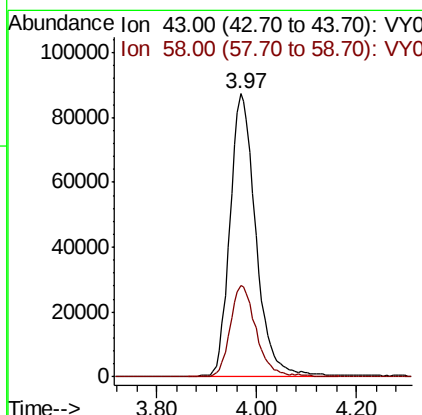
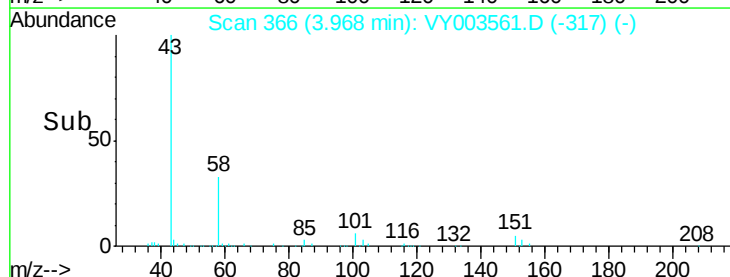
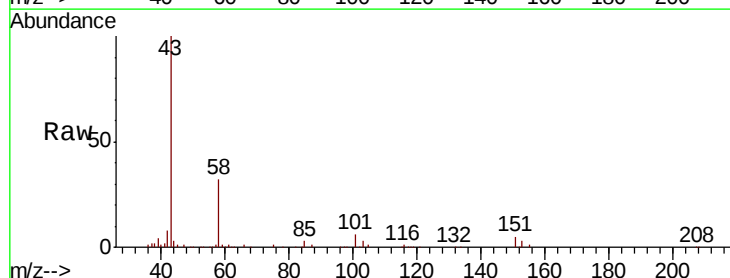
RT: 3.97 min Scan# 366

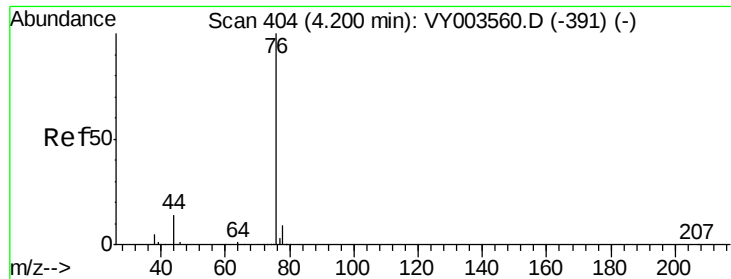
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	43	Resp:	316575
Ion	Ratio	Lower	Upper
43	100		
58	32.2	23.8	35.8





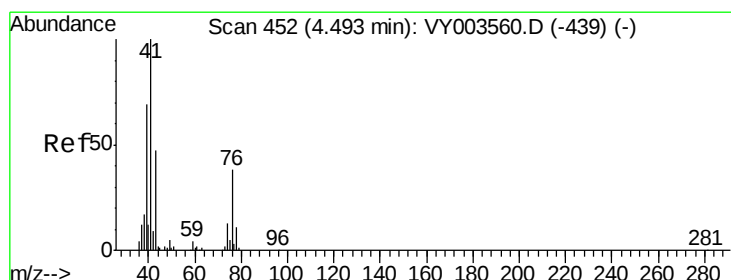
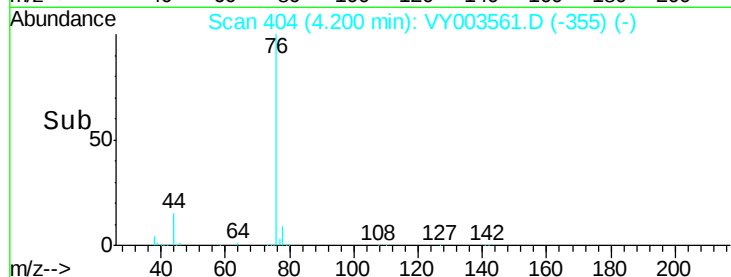
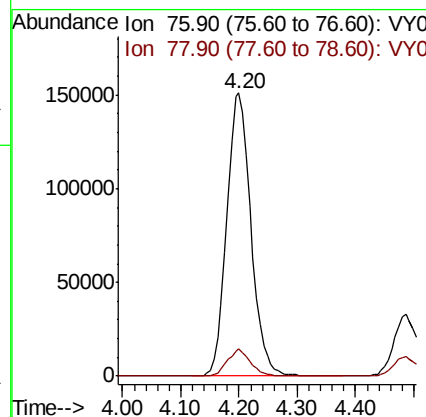
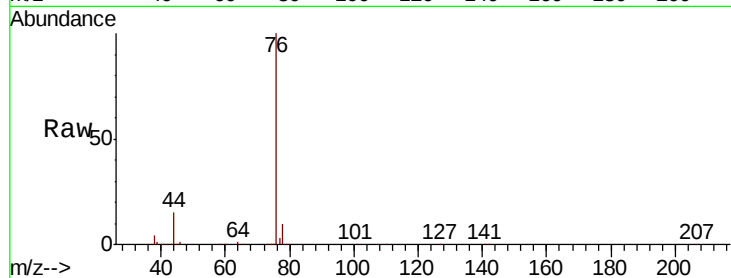
#17
Carbon Disulfide
Concen: 92.885 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

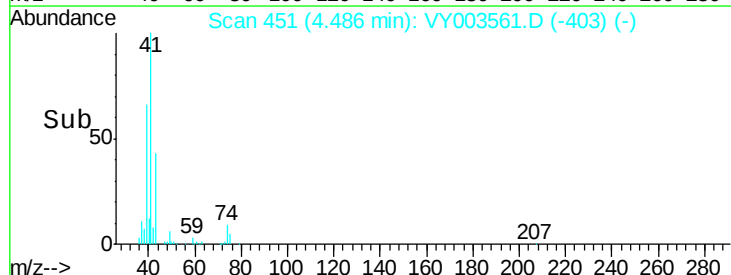
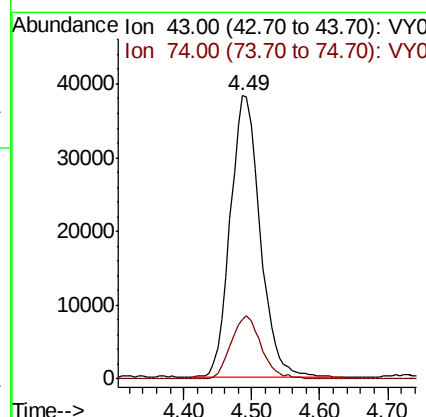
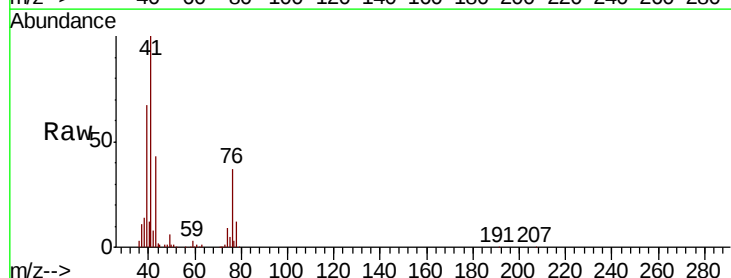
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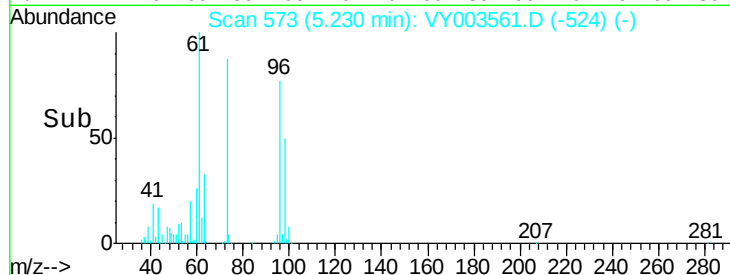
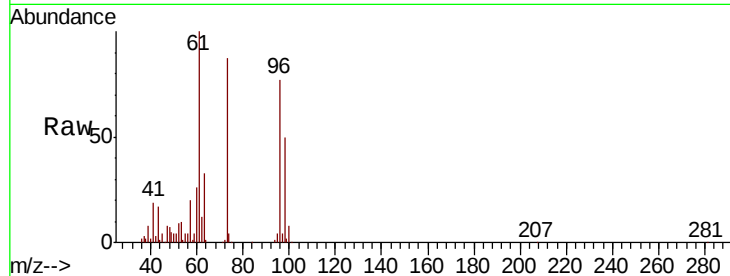
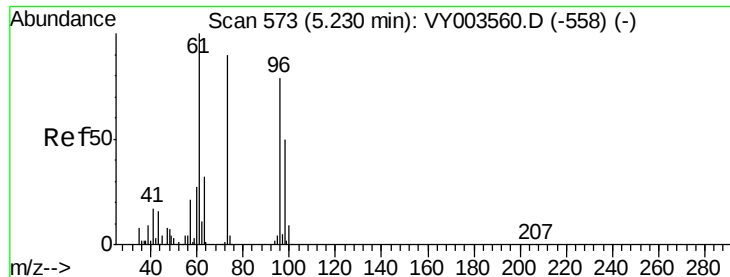
MMDadoda
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#18
Methyl Acetate
Concen: 93.816 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.9	28.3





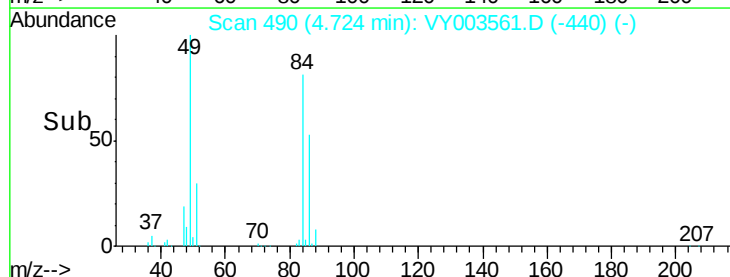
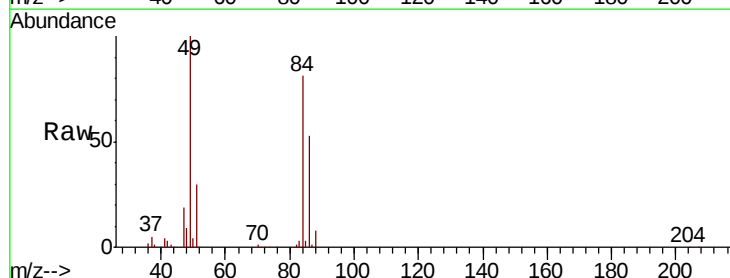
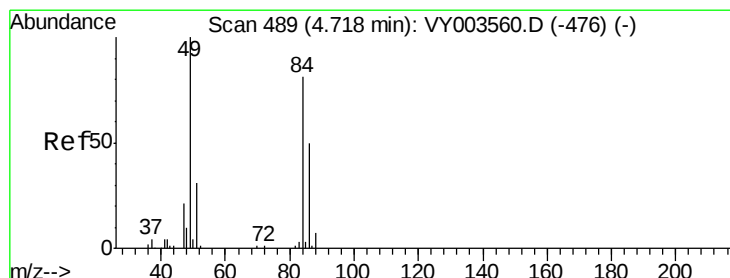
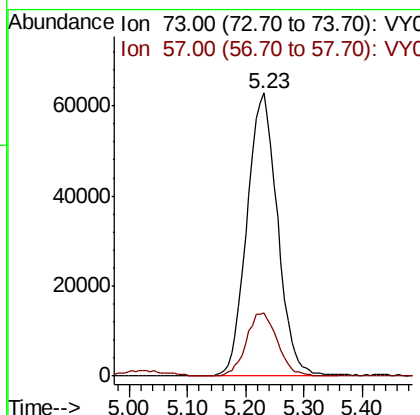
#19
Methvl tert-butvl Ether
Concen: 94.907 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tot Ion: 73 Resp: 229576
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

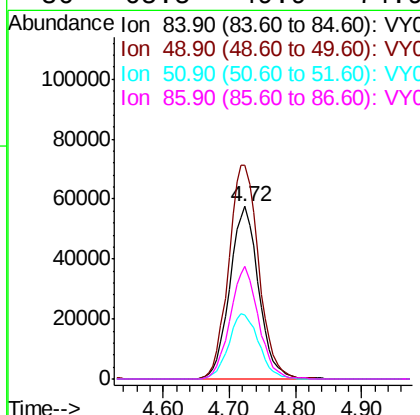
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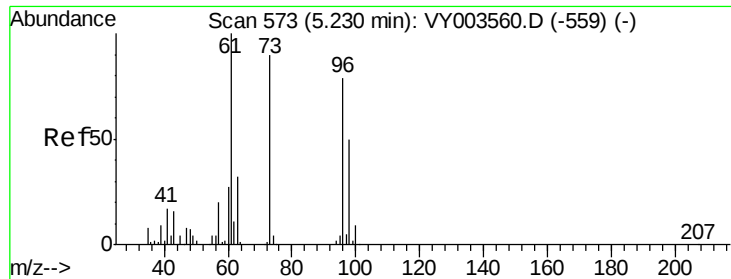
MMDadoda
11/23/2020 1:39:28 PM



#20
Methylene Chloride
Concen: 79.811 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 84 Resp: 173931
Ion Ratio Lower Upper
84 100
49 123.7 99.0 148.6
51 37.3 30.5 45.7
86 65.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 94.376 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 171970

Ion Ratio Lower Upper

96 100

61 133.6 101.0 151.4

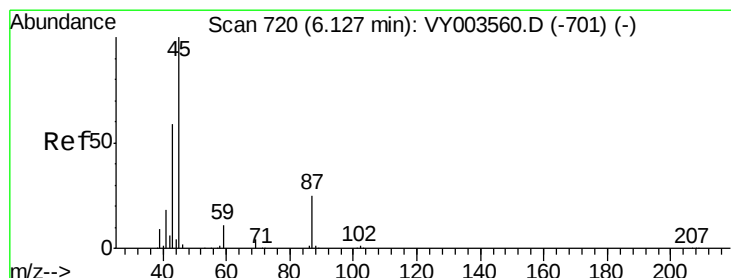
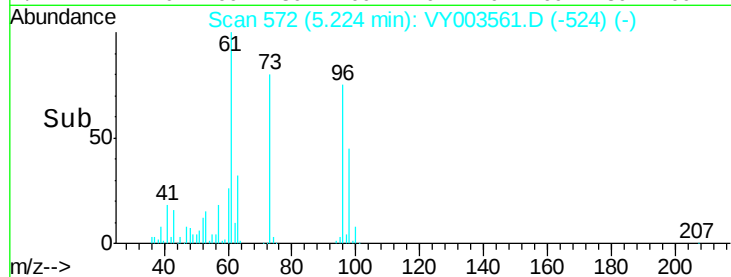
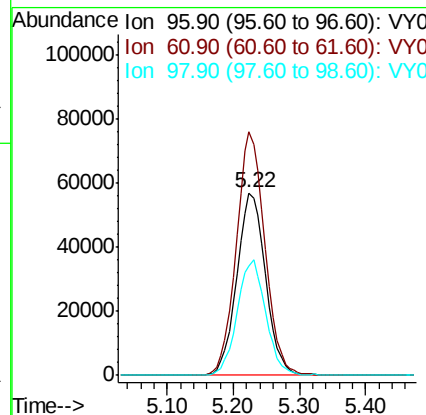
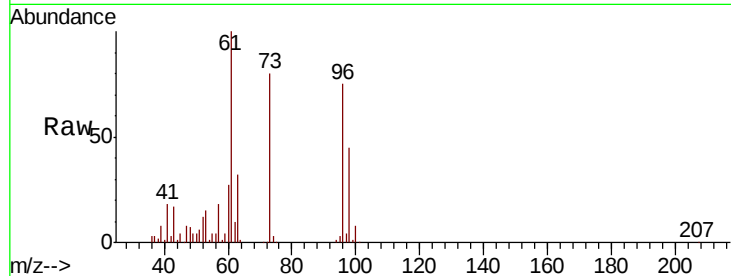
98 60.2 50.2 75.2

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#22

Diisopropyl ether

Concen: 99.789 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion: 45 Resp: 467300

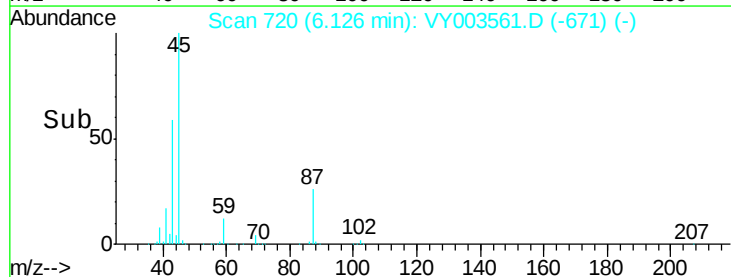
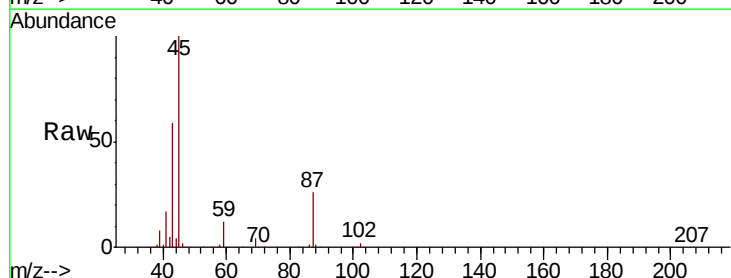
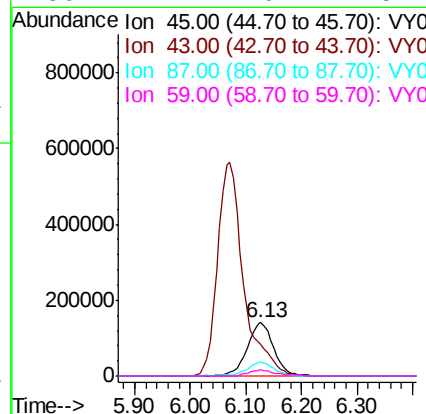
Ion Ratio Lower Upper

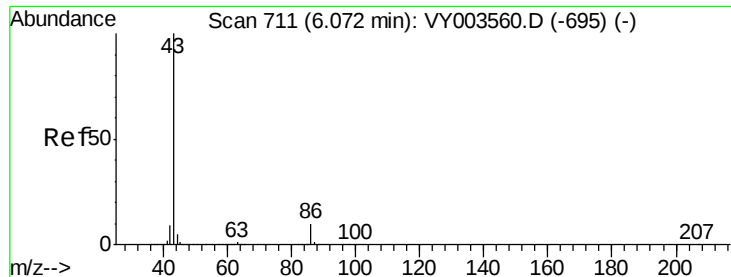
45 100

43 58.5 48.1 72.1

87 25.5 20.3 30.5

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 504.786 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1837403

Ion Ratio Lower Upper

43 100

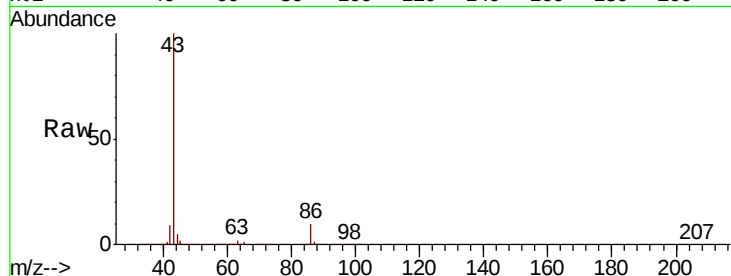
86 10.4 8.0 12.0

Manual Integrations

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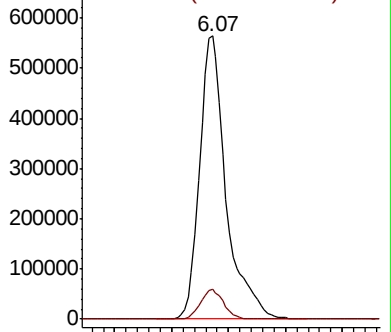
MMDadoda

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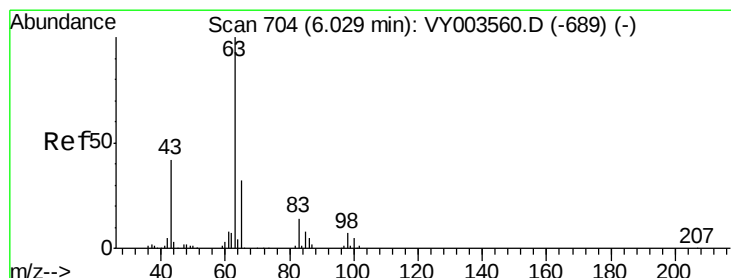
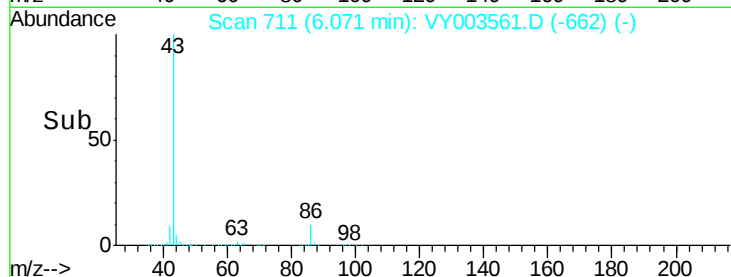


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 94.245 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

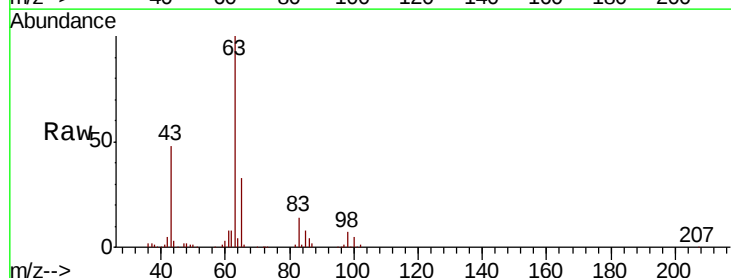
Tgt Ion: 63 Resp: 293756

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

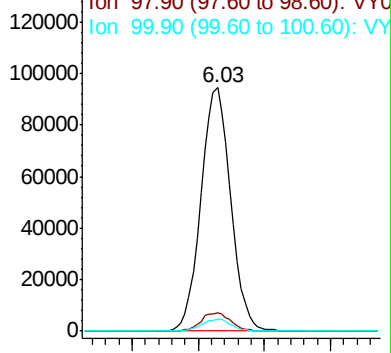
100 4.9 2.5 7.4



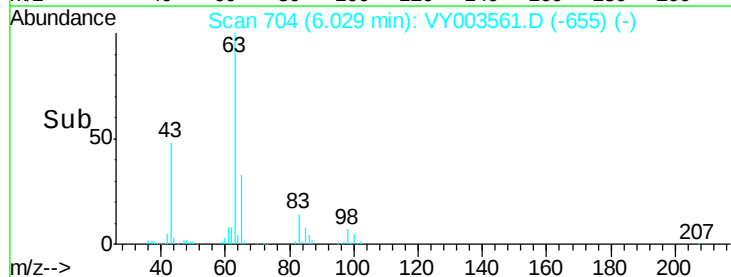
Abundance Ion 62.90 (62.60 to 63.60): VY0

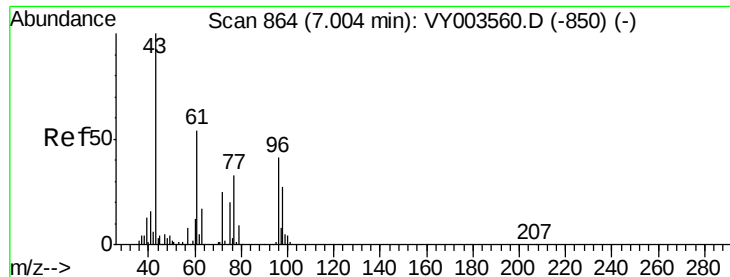
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 521.003 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 387943

Ion Ratio Lower Upper

43 100

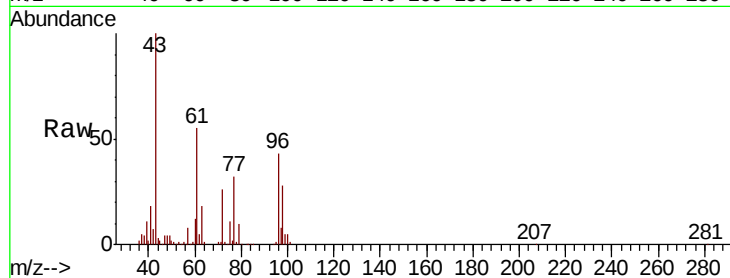
72 26.2 19.8 29.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

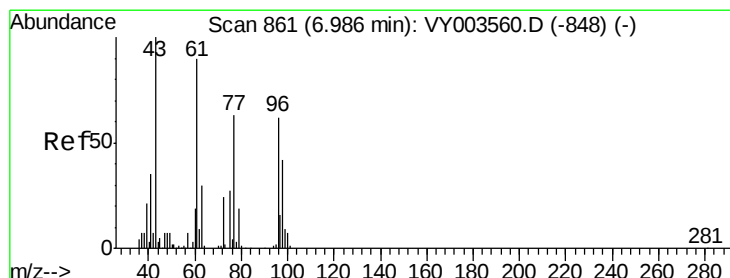
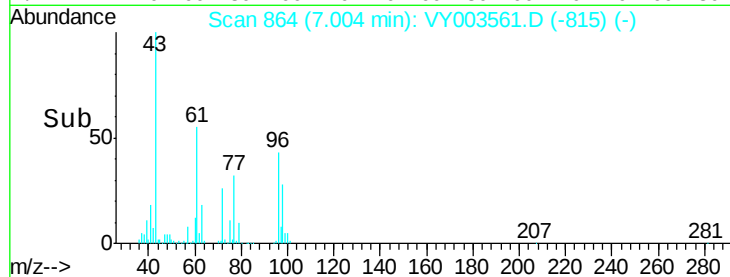
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 89.700 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003561.D

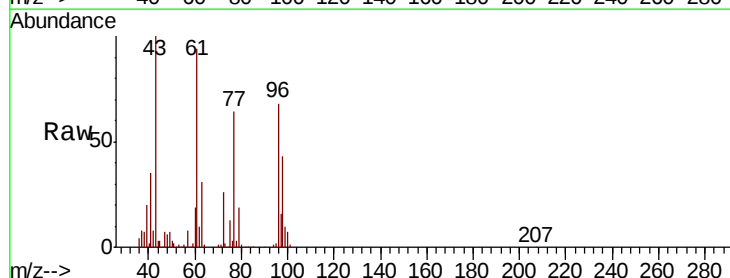
Acq: 20 Nov 2020 11:40

Tgt Ion: 77 Resp: 182831

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

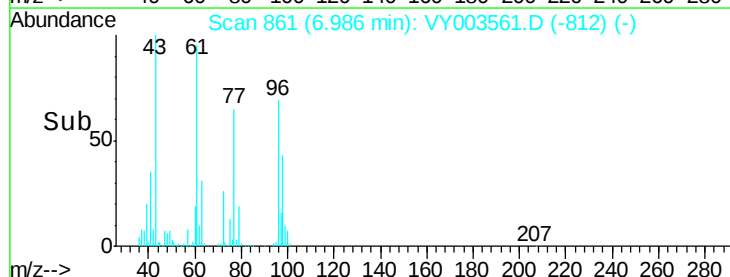
60000

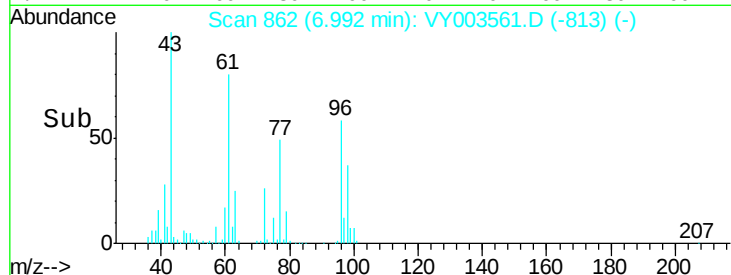
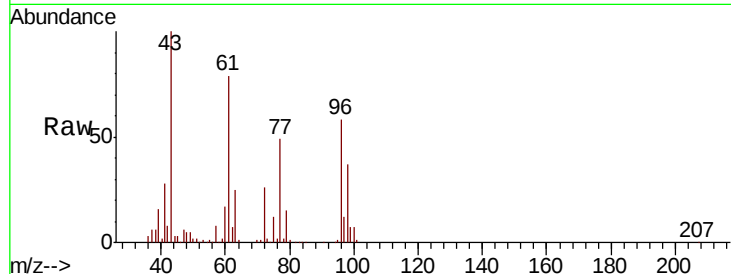
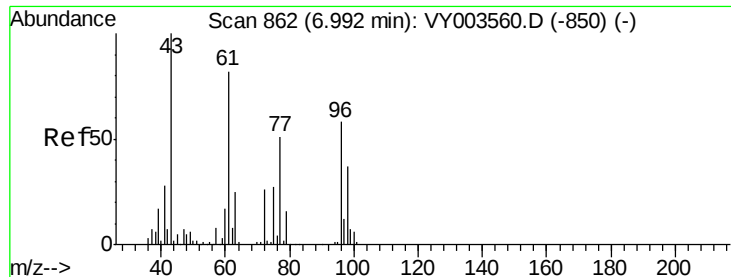
40000

20000

0

Time-->





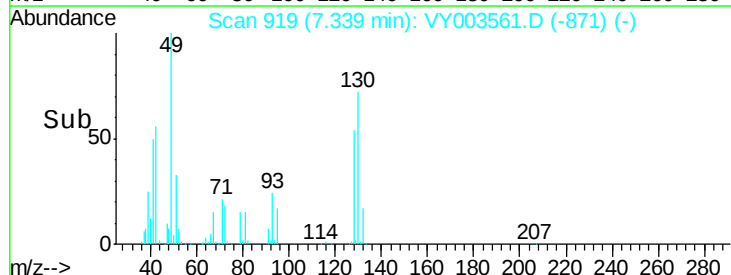
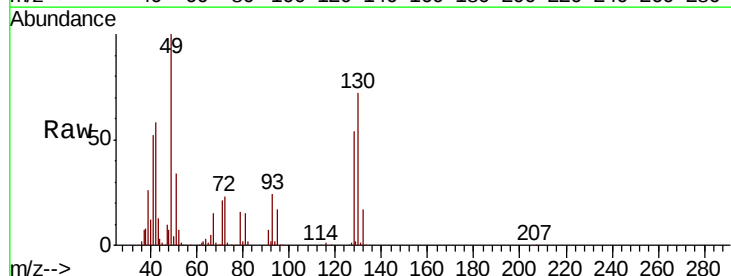
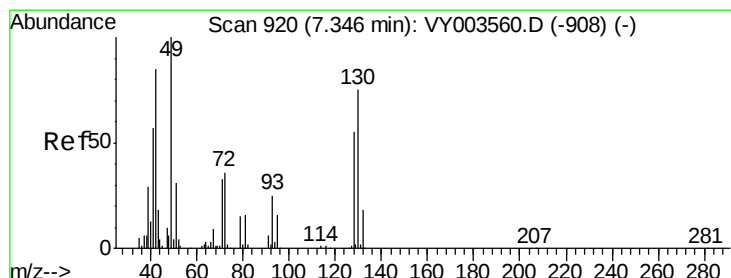
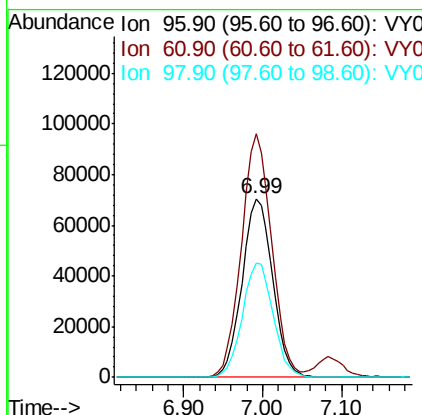
#27
 cis-1,2-Dichloroethene
 Concen: 96.431 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190498		
61	135.4	0.0	274.6	
98	64.4	0.0	130.6	

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

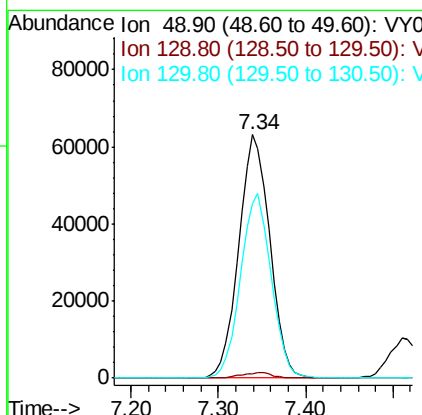
Manual Integrations
 APPROVED

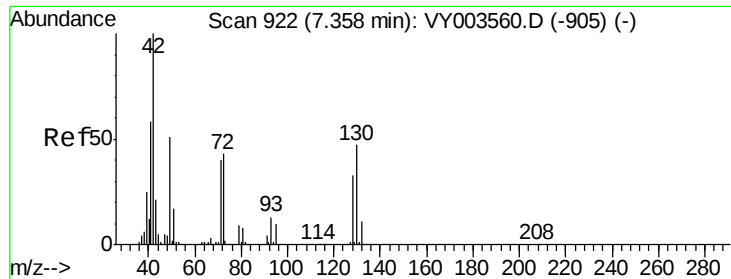
MMDadoda
 11/23/2020 1:39:28 PM



#28
 Bromochloromethane
 Concen: 102.613 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	156566		
129	2.2	0.0	4.4	
130	74.7	61.0	91.6	





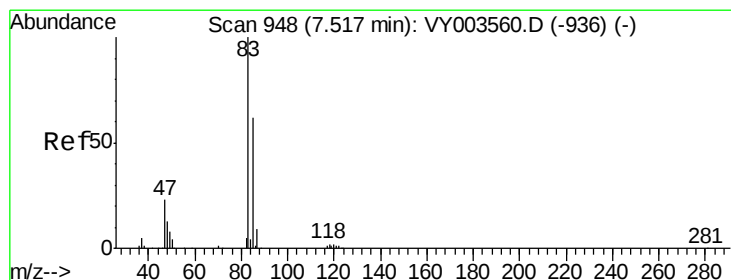
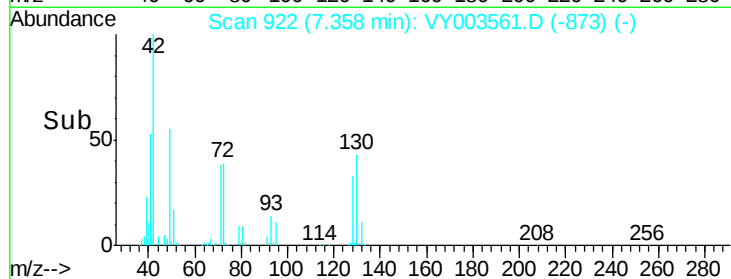
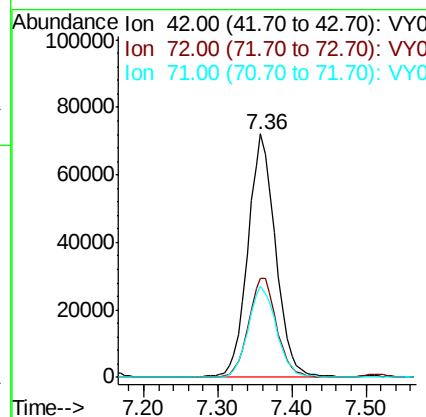
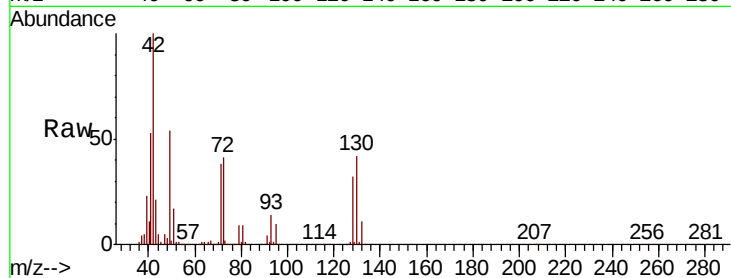
#29
Tetrahydrofuran
Concen: 483.509 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.6	49.0
71	38.1	30.2	45.2

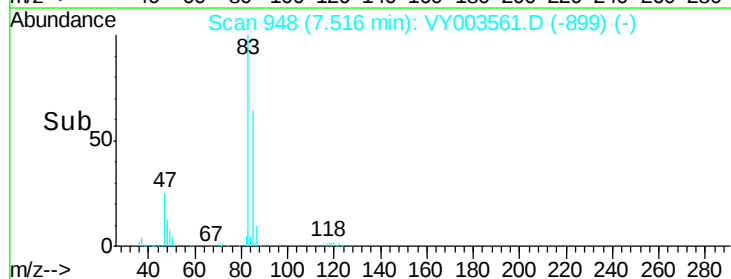
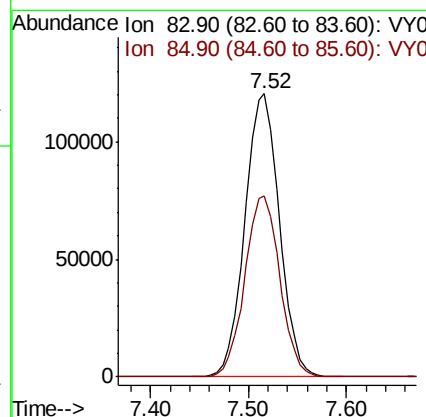
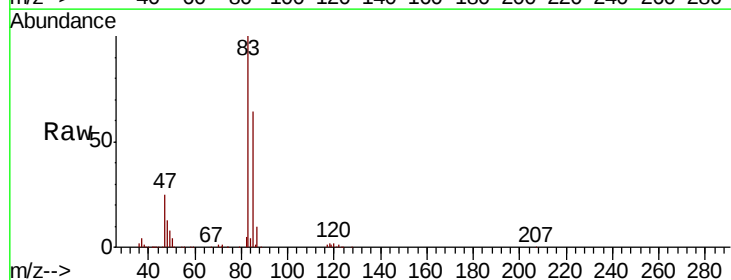
Manual Integrations
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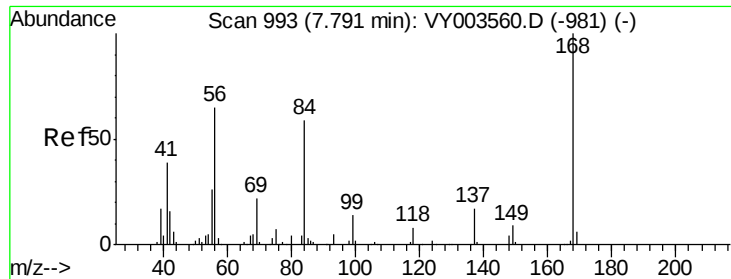
MMDadoda
11/23/2020 1:39:28 PM



#30
Chloroform
Concen: 94.948 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.6	74.4





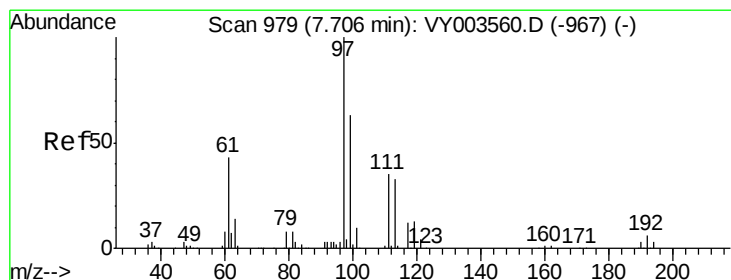
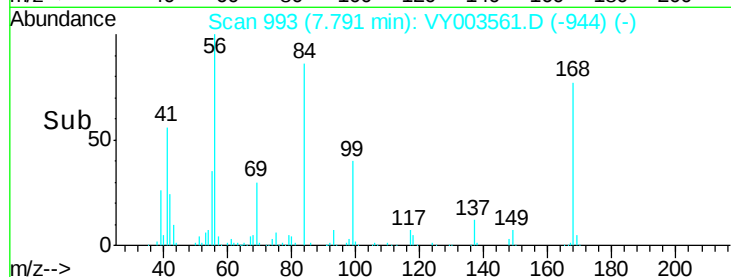
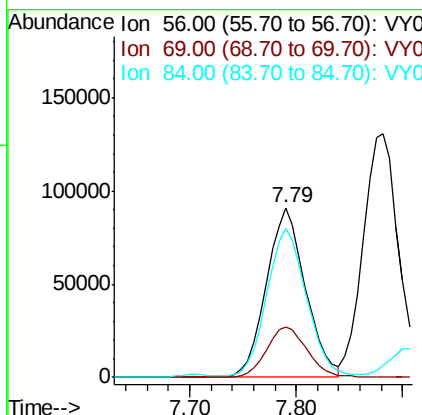
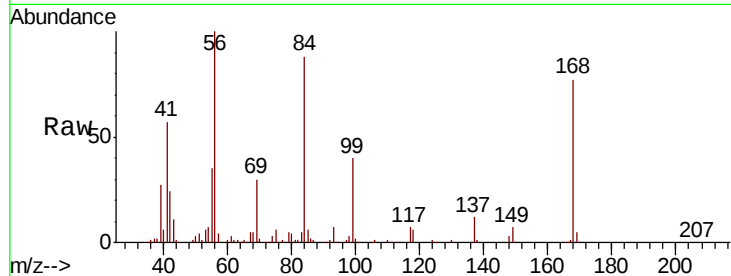
#31
Cyclohexane
Concen: 93.358 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	27.0	40.6
84	86.5	71.8	107.6

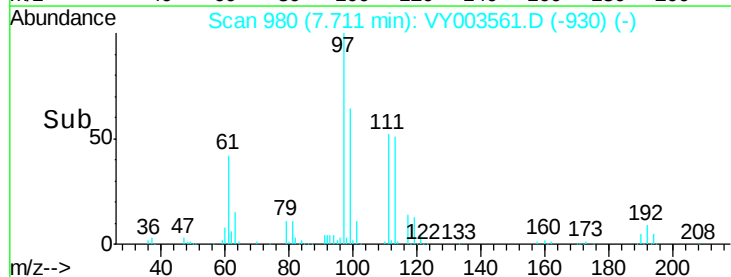
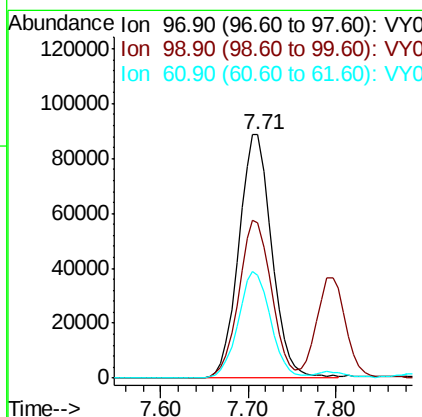
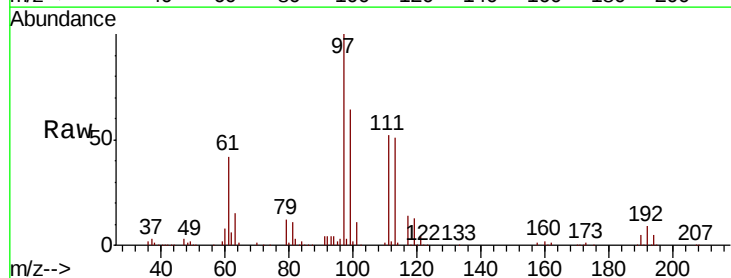
Manual Integrations
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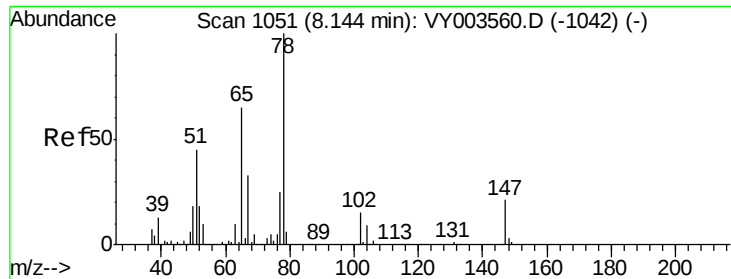
MMDadoda
11/23/2020 1:39:28 PM



#32
1,1,1-Trichloroethane
Concen: 96.827 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.2	75.2
61	42.9	34.1	51.1





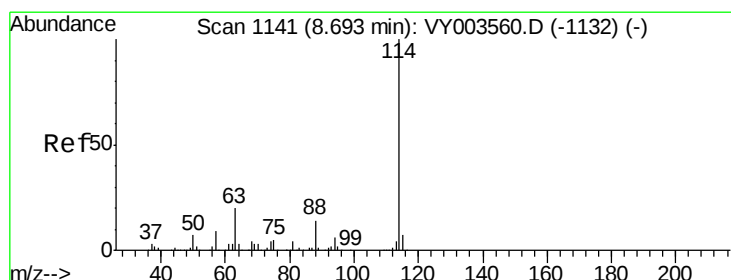
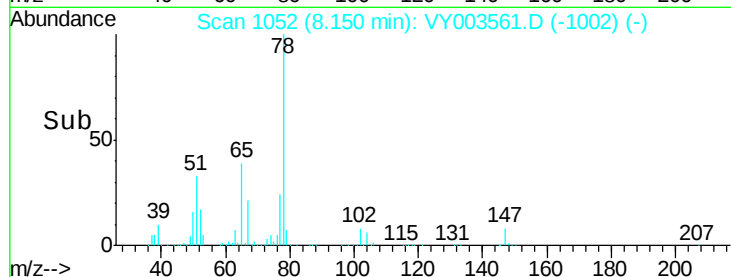
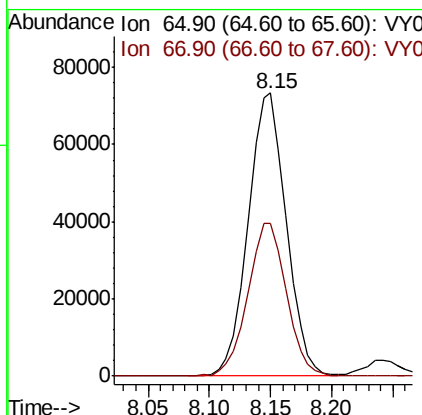
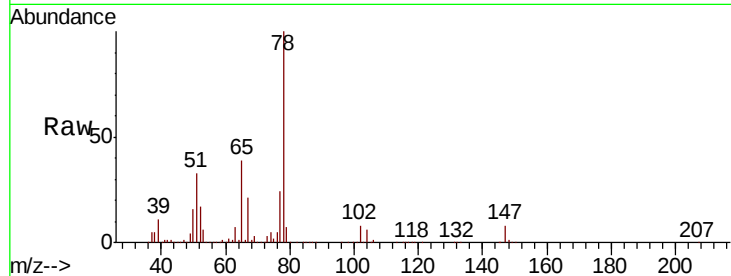
#33
 1,2-Dichloroethane-d4
 Concen: 92.348 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.2

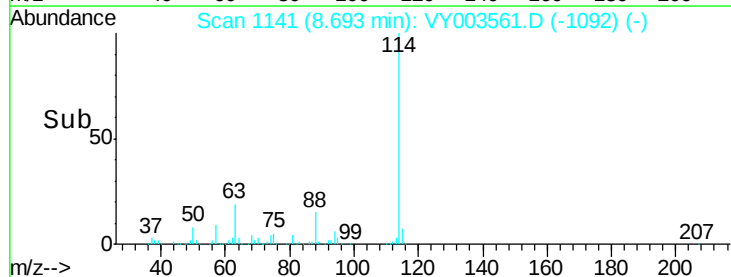
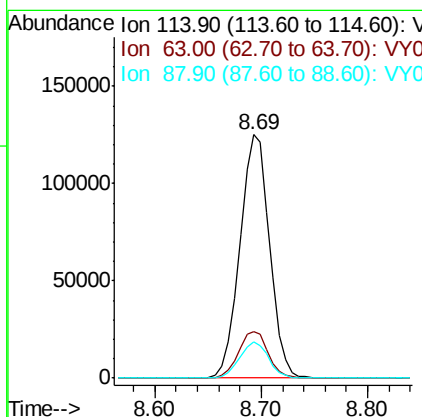
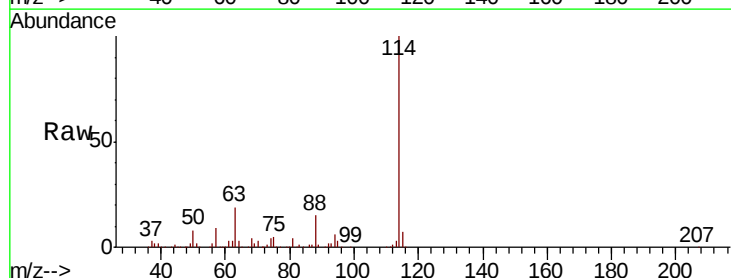
Manual Integrations
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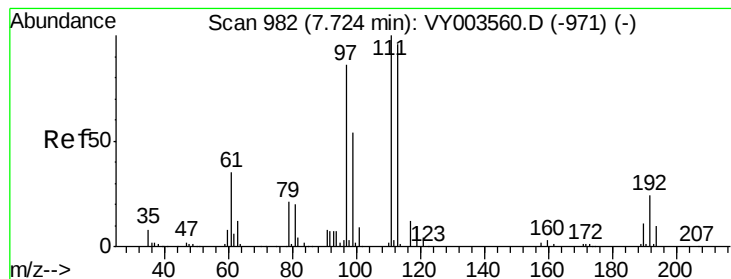
MMDadoda
 11/23/2020 1:39:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	14.6	0.0	29.0





#35

Dibromofluoromethane

Concen: 94.678 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:113 Resp: 152672

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

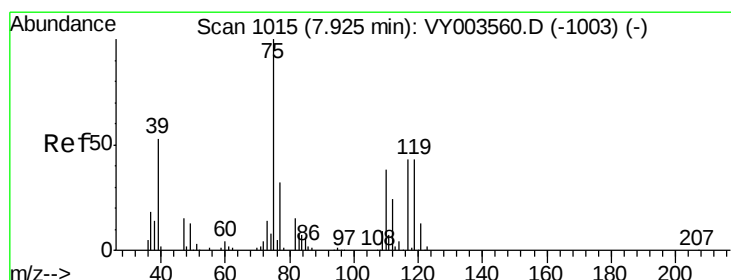
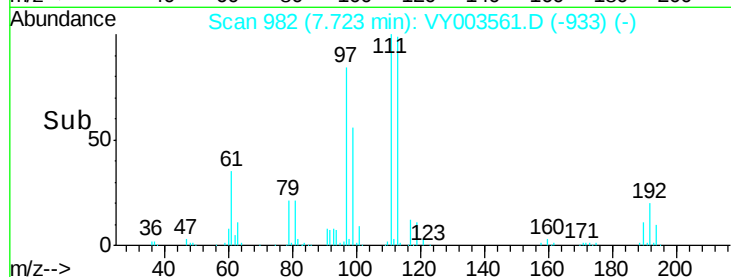
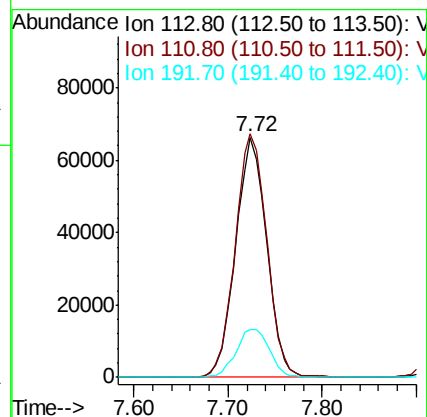
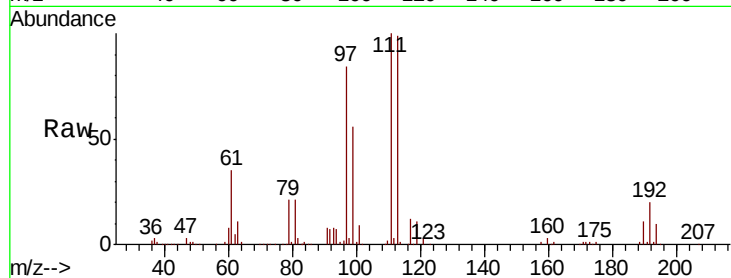
192 21.6 18.1 27.1

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 96.142 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

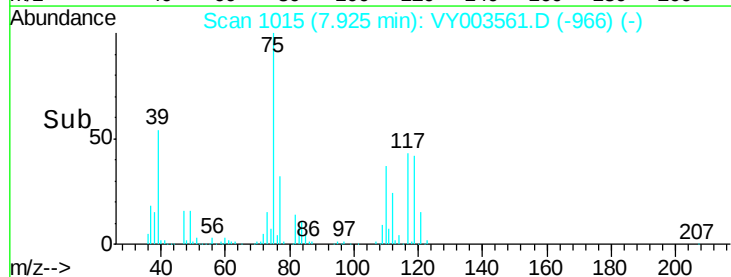
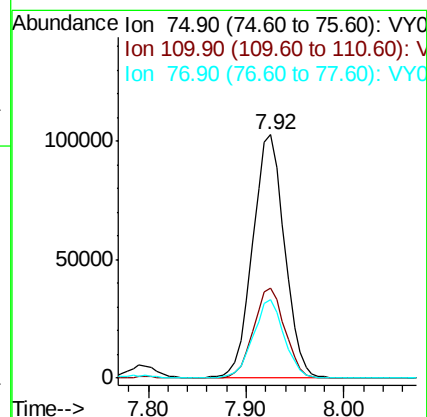
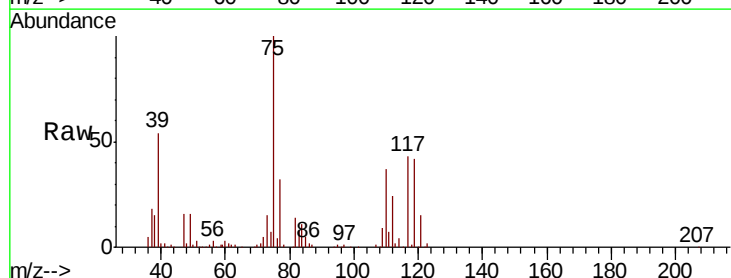
Tgt Ion: 75 Resp: 232192

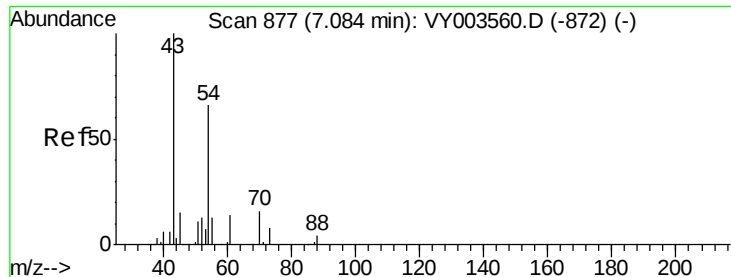
Ion Ratio Lower Upper

75 100

110 36.5 18.7 56.1

77 31.4 25.4 38.2





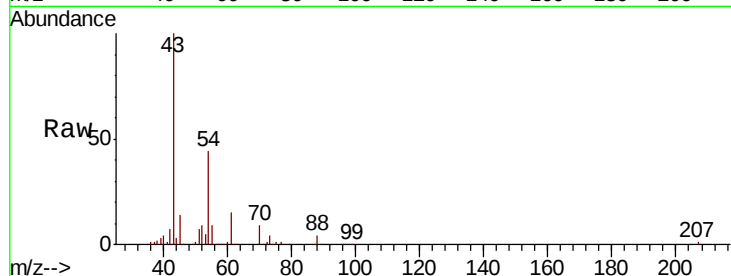
#37
Ethyl Acetate
Concen: 96.443 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.3	15.5
70	9.3	7.5	11.3

Manual Integrations
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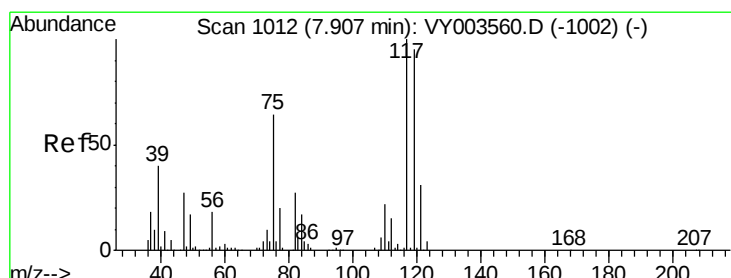
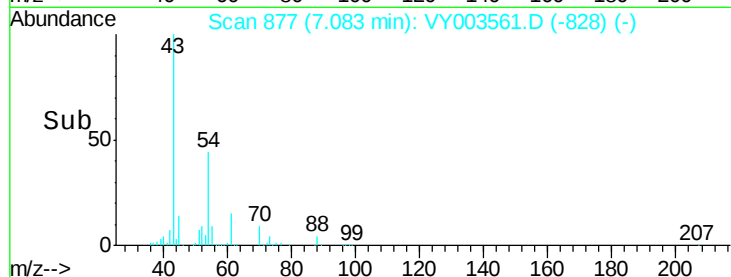
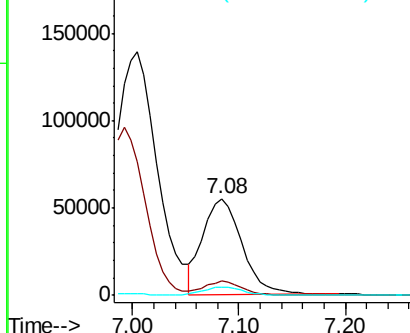


Abundance

Ion 43.00 (42.70 to 43.70): VY003561.D (-828) (-)

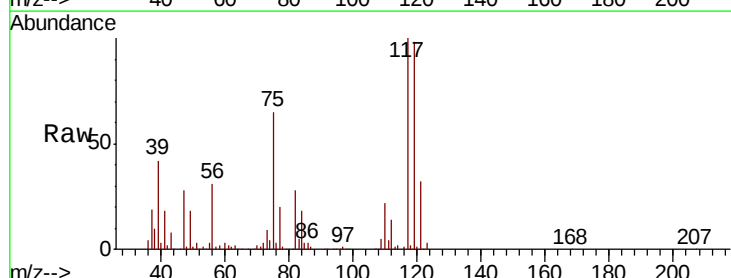
Ion 60.90 (60.60 to 61.60): VY003561.D (-828) (-)

Ion 70.00 (69.70 to 70.70): VY003561.D (-828) (-)



#38
Carbon Tetrachloride
Concen: 99.413 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
121	32.3	25.1	37.7

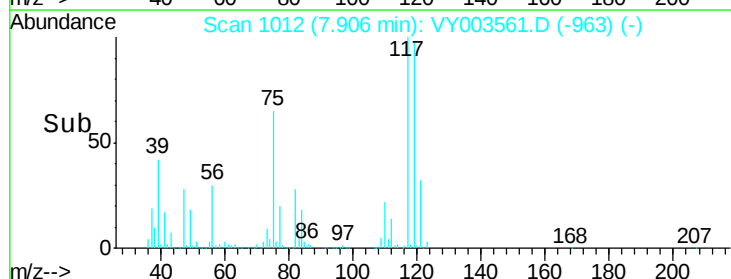
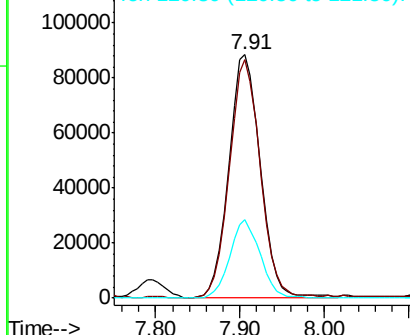


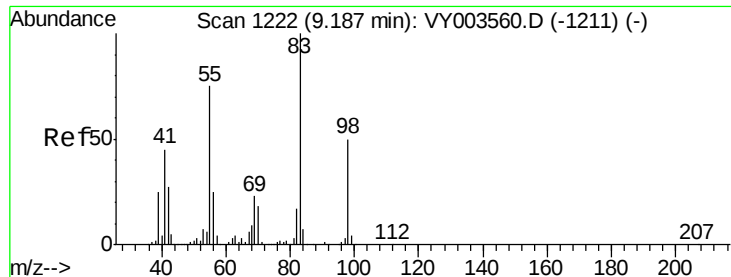
Abundance

Ion 116.80 (116.50 to 117.50): VY003561.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003561.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003561.D (-963) (-)





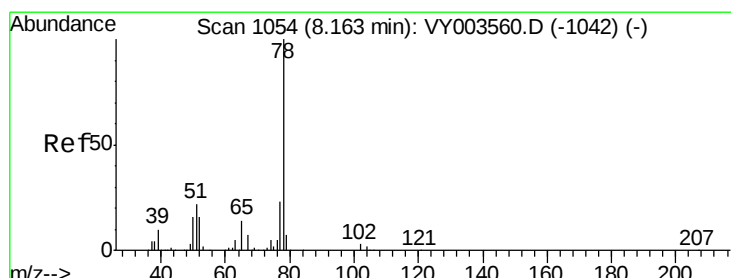
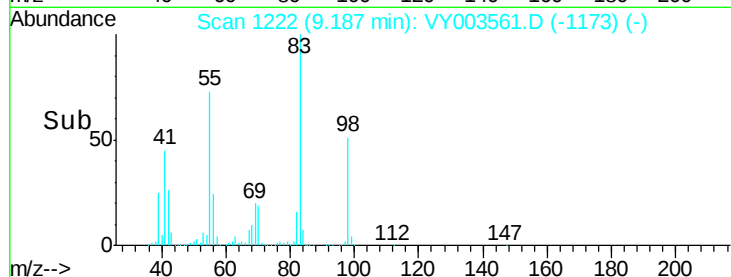
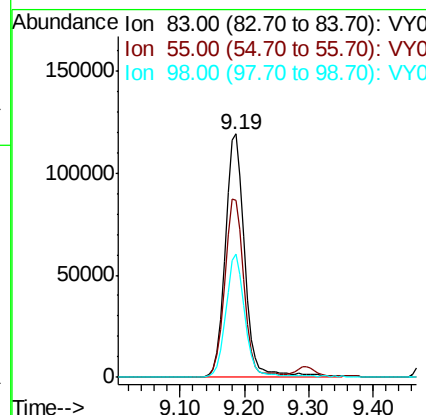
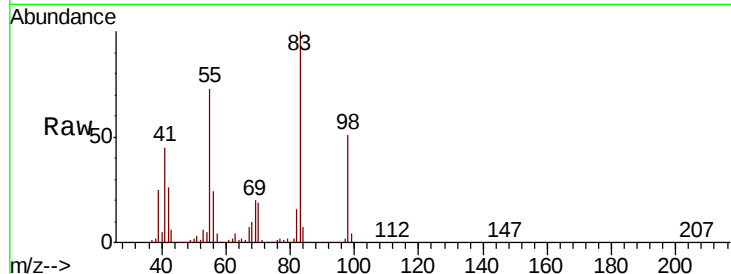
#39
Methvlcvclohexane
Concen: 104.763 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	60.2	90.4
98	50.6	40.3	60.5

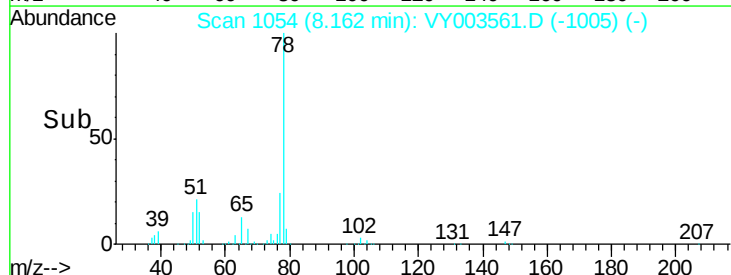
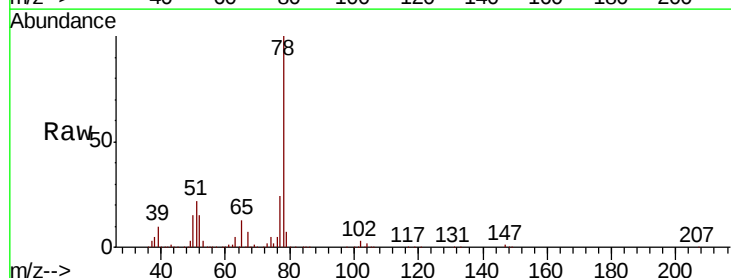
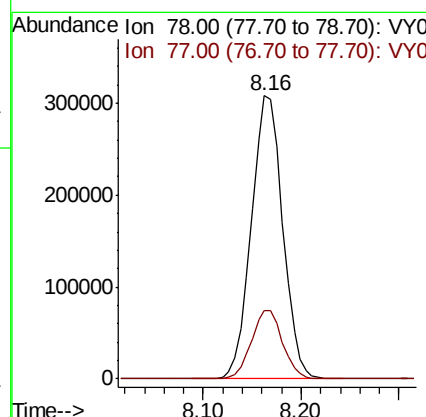
Manual Integrations
APPROVED

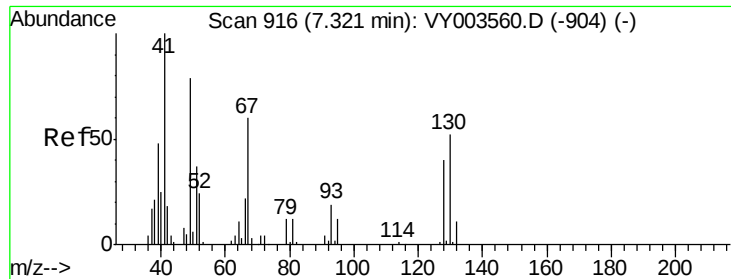
MMDadoda
11/23/2020 1:39:28 PM



#40
Benzene
Concen: 95.751 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





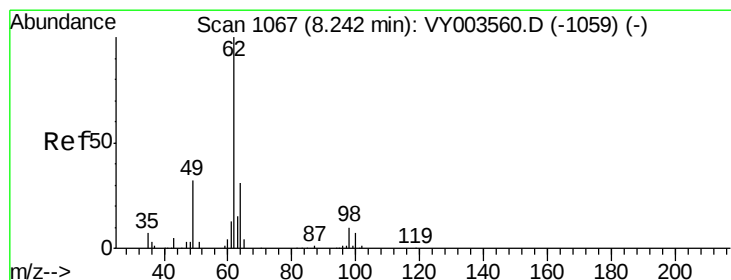
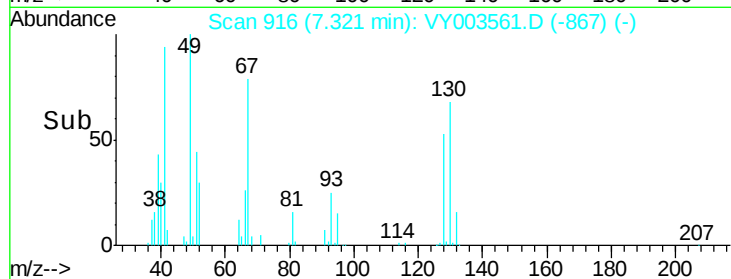
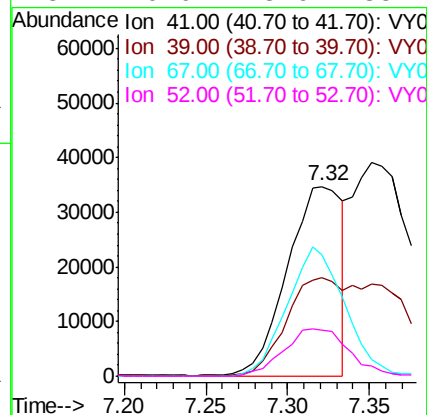
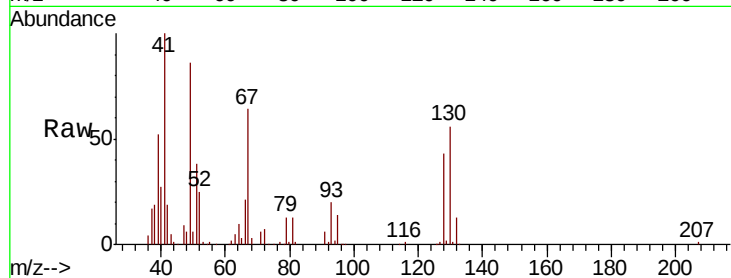
#41
Methacrylonitrile
Concen: 113.356 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.4	62.0
67	71.8	57.2	85.8
52	29.9	23.6	35.4

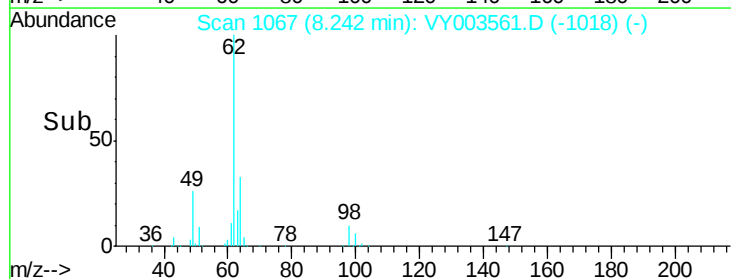
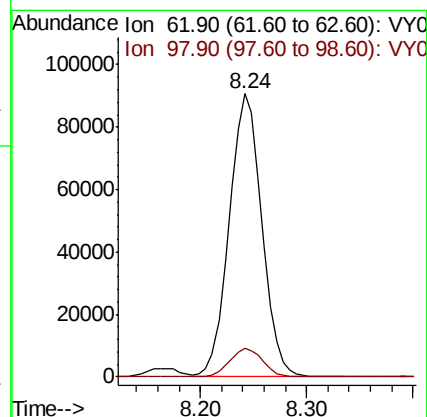
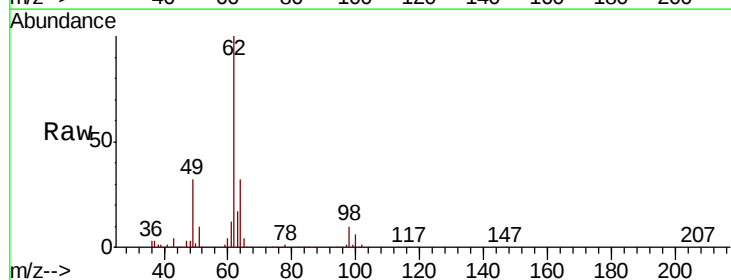
Manual Integrations
APPROVED

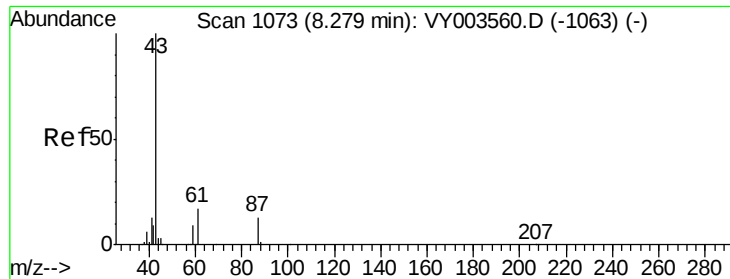
MMDadoda
11/23/2020 1:39:28 PM



#42
1,2-Dichloroethane
Concen: 95.030 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 98.960 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

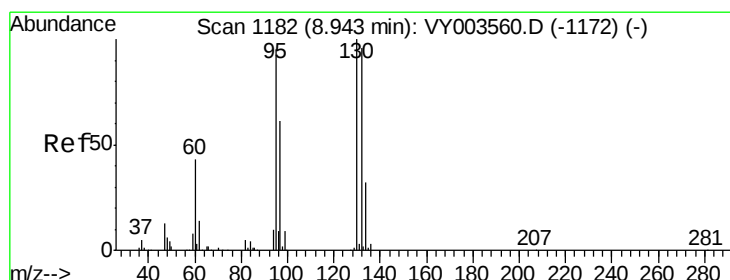
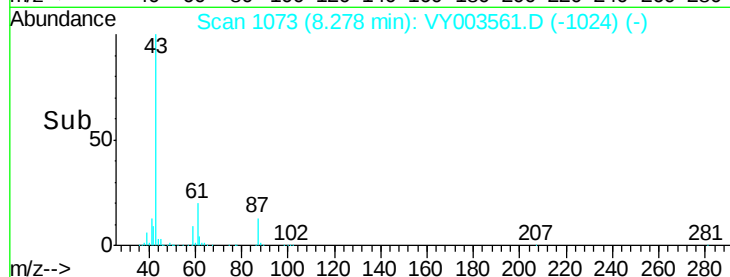
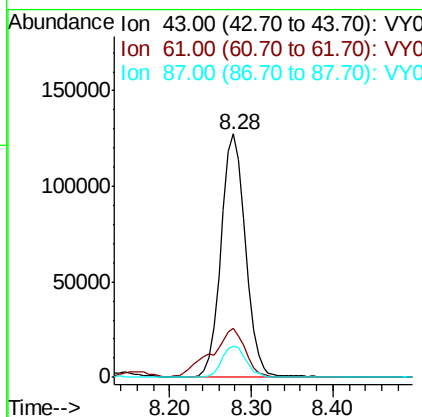
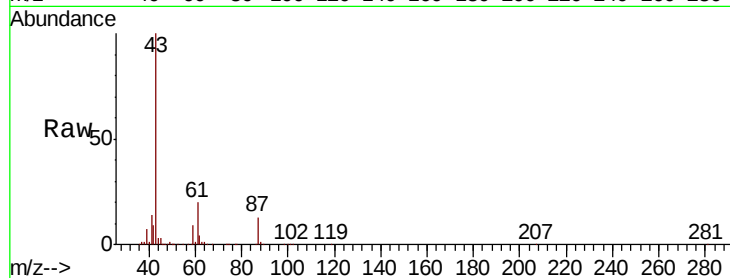
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	264454
Ion	Ratio	Lower	Upper
43	100		
61	27.7	21.4	32.0
87	12.8	10.7	16.1

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#44

Trichloroethene

Concen: 94.648 ug/l

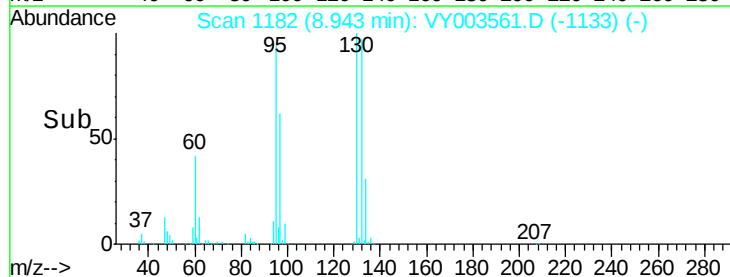
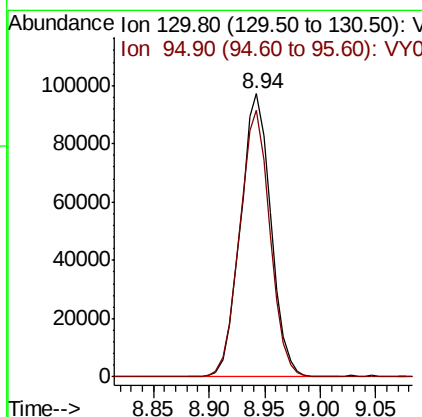
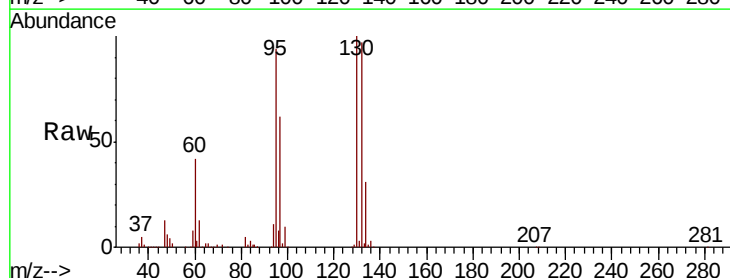
RT: 8.94 min Scan# 1182

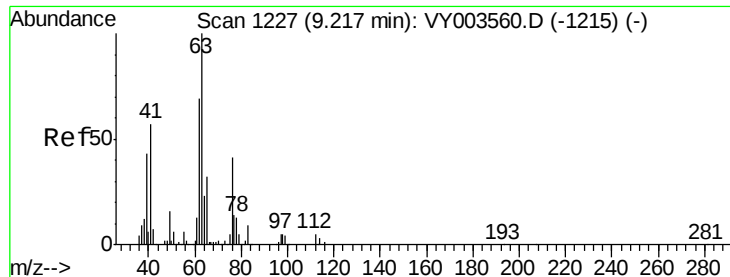
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	130	Resp:	184638
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	189.2





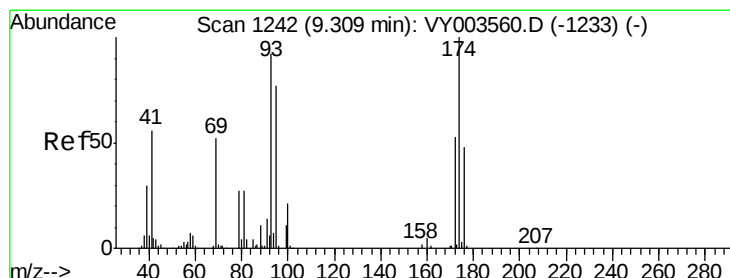
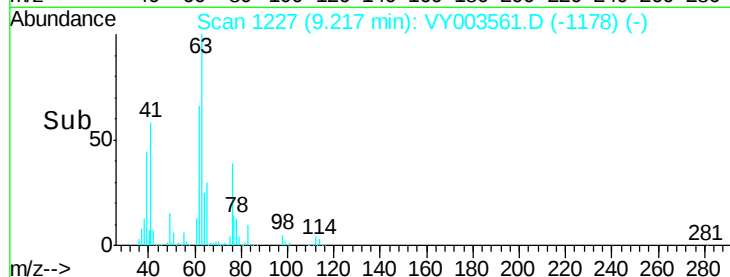
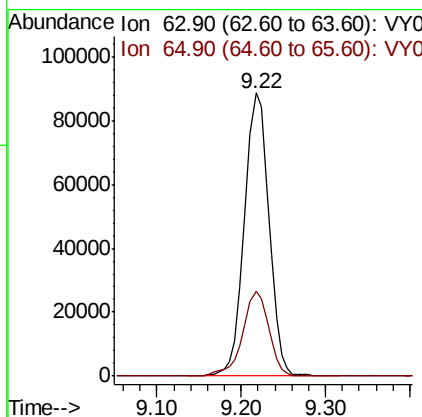
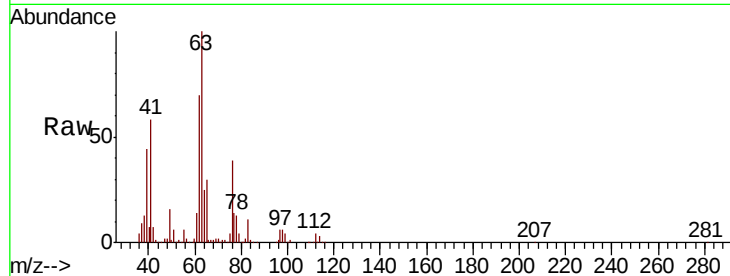
#45
 1,2-Dichloropropane
 Concen: 98.072 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Tot Ion: 63 Resp: 174047
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5

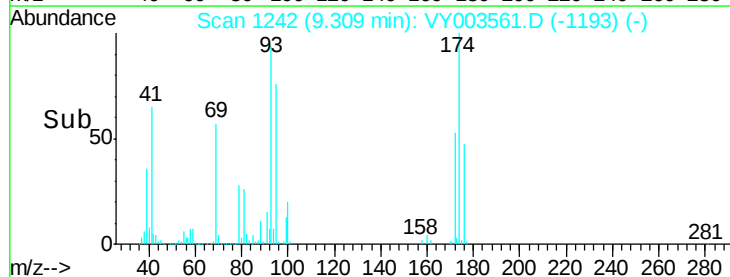
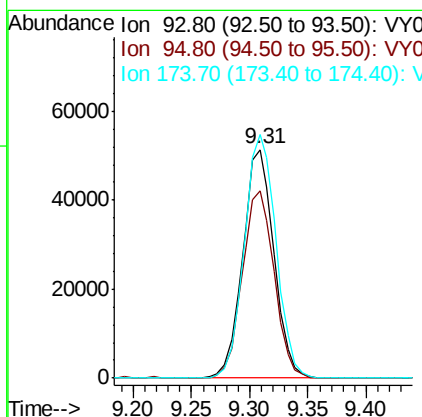
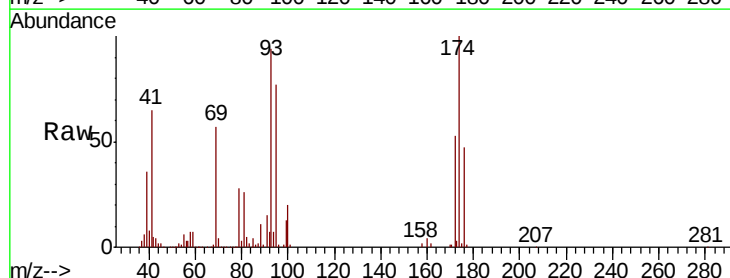
Manual Integrations
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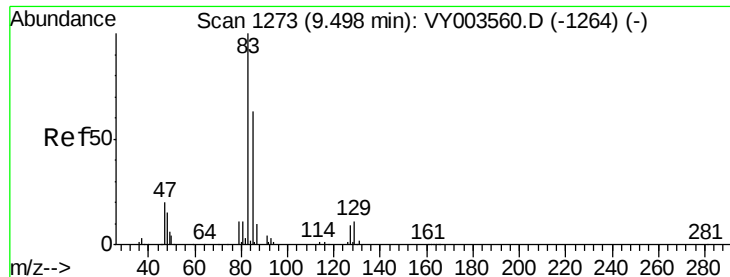
MMDadoda
 11/23/2020 1:39:28 PM



#46
 Dibromomethane
 Concen: 95.130 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 93 Resp: 96143
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 108.4 86.8 130.2





#47

Bromodichloromethane

Concen: 96.961 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

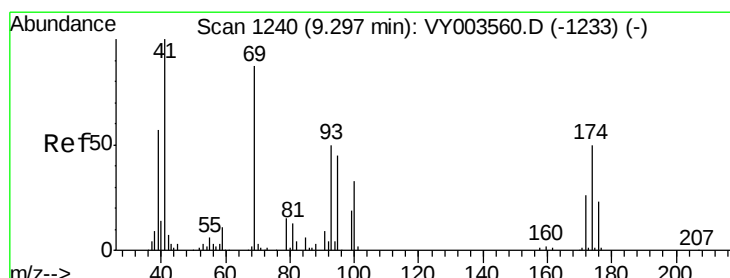
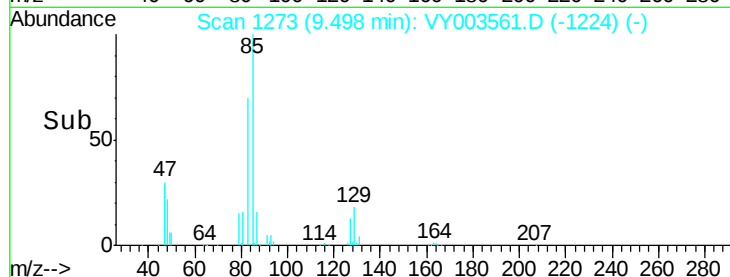
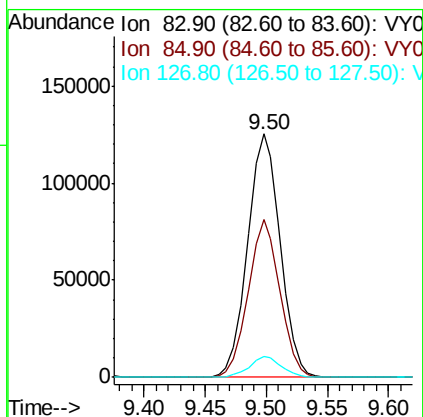
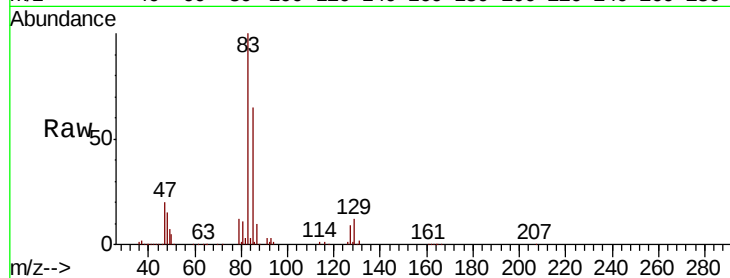
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	232760
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 98.440 ug/l

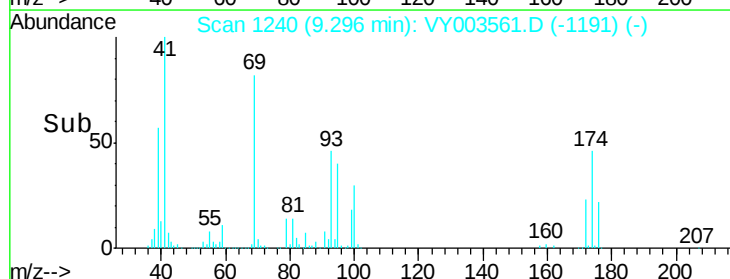
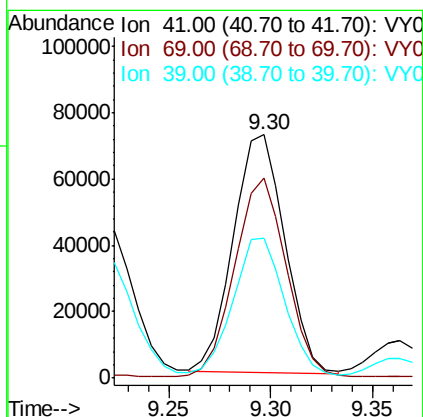
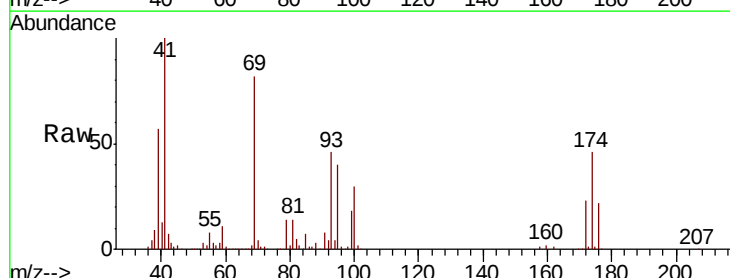
RT: 9.30 min Scan# 1240

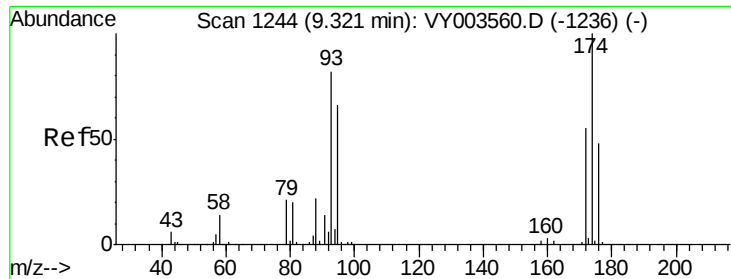
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	41	Resp:	125925
Ion	Ratio	Lower	Upper
41	100		
69	85.7	68.6	102.8
39	60.3	48.8	73.2





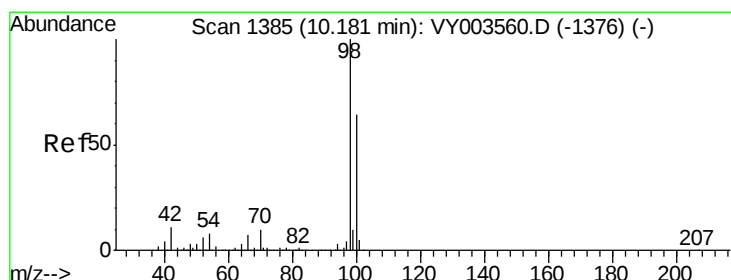
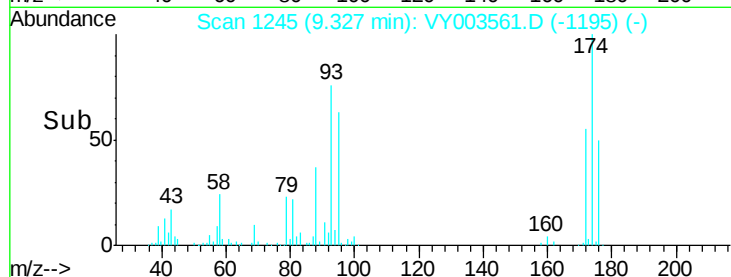
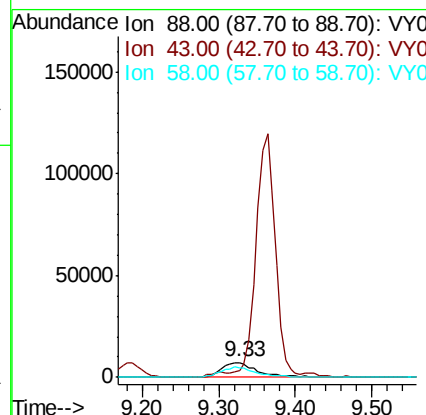
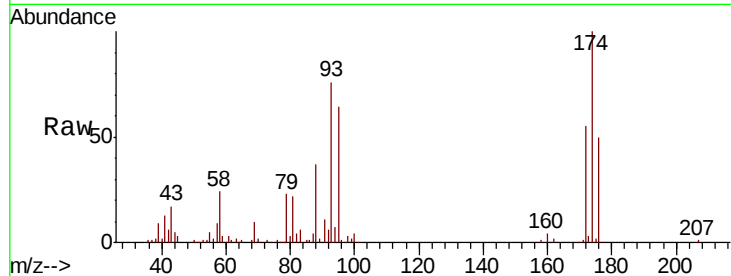
#49
1,4-Dioxane
Concen: 2072.995 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.5	50.9	76.3

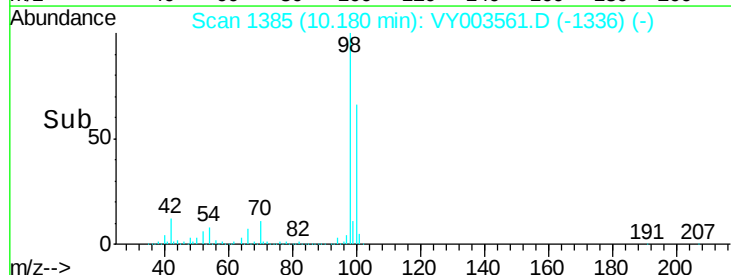
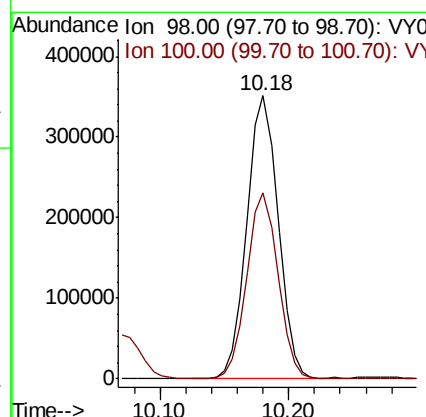
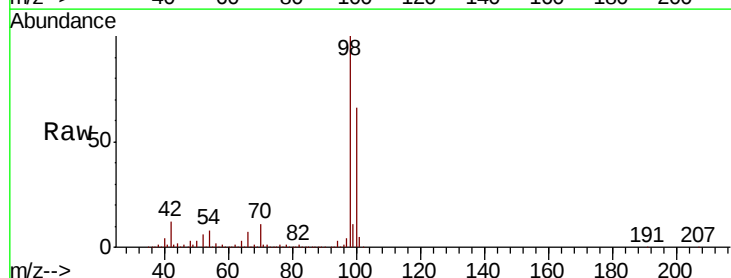
Manual Integrations
APPROVED

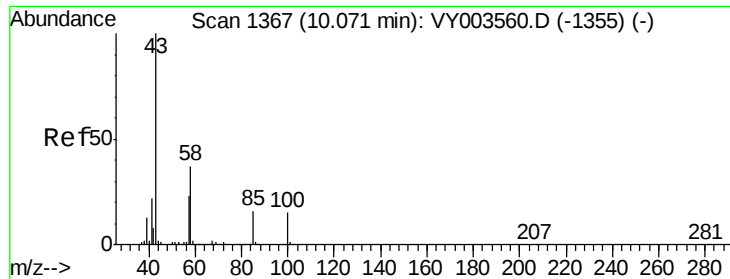
MMDadoda
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#50
Toluene-d8
Concen: 94.473 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 523.658 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 670684

Ion Ratio Lower Upper

43 100

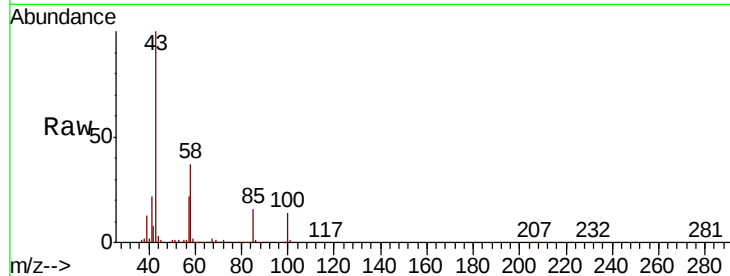
58 37.1 29.8 44.8

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Abundance Ion 43.00 (42.70 to 43.70): VY003561.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VY003561.D (-1318) (-)

10.07

400000

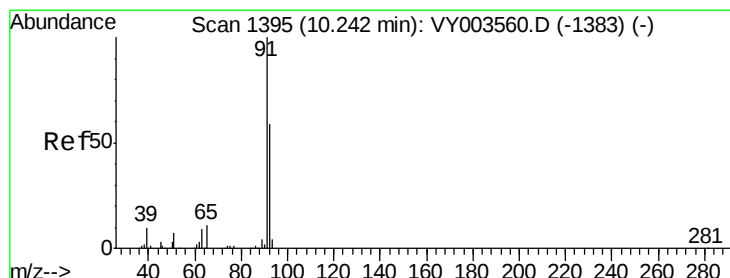
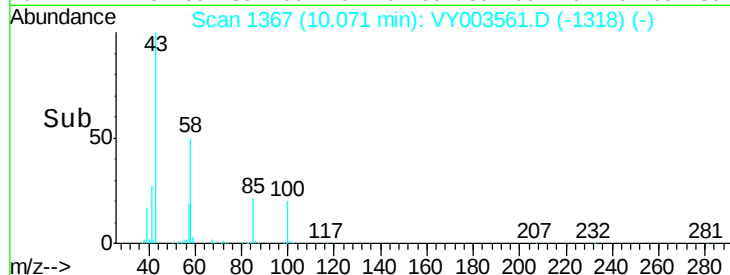
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 97.963 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003561.D

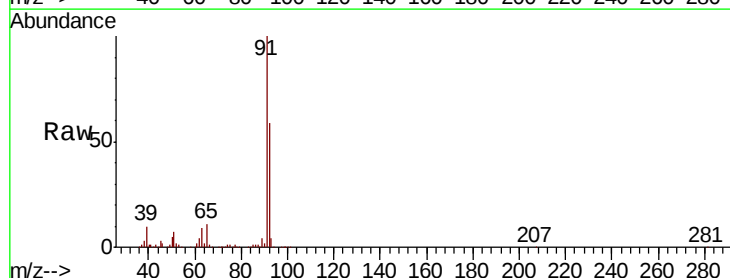
Acq: 20 Nov 2020 11:40

Tgt Ion: 92 Resp: 429422

Ion Ratio Lower Upper

92 100

91 173.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY003561.D (-1346) (-)

Ion 91.00 (90.70 to 91.70): VY003561.D (-1346) (-)

10.24

500000

400000

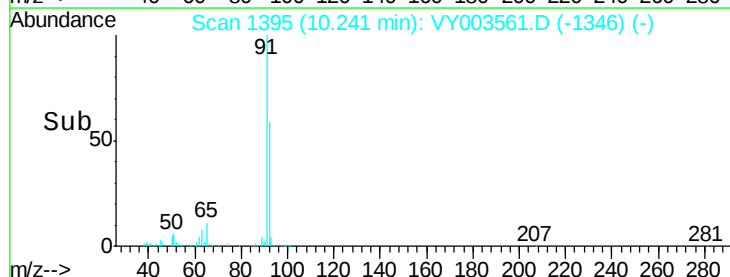
300000

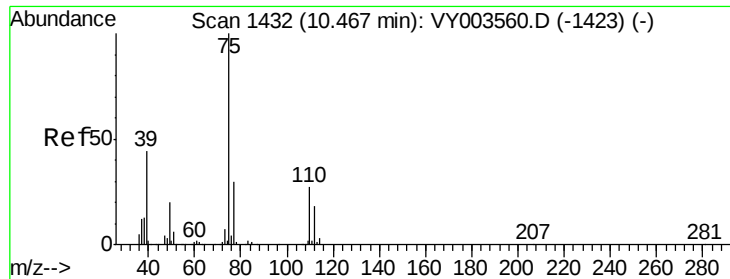
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 99.574 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 250177

Ion Ratio Lower Upper

75 100

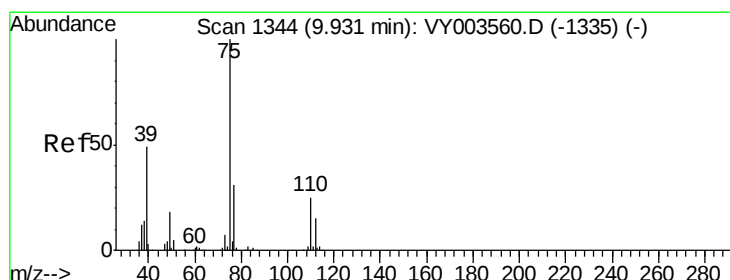
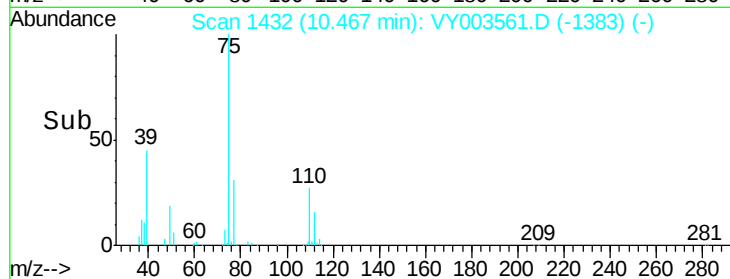
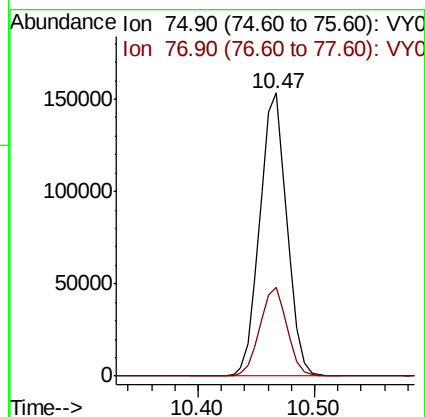
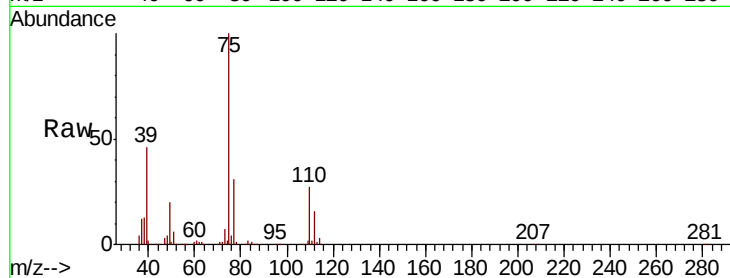
77 31.3 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 98.645 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

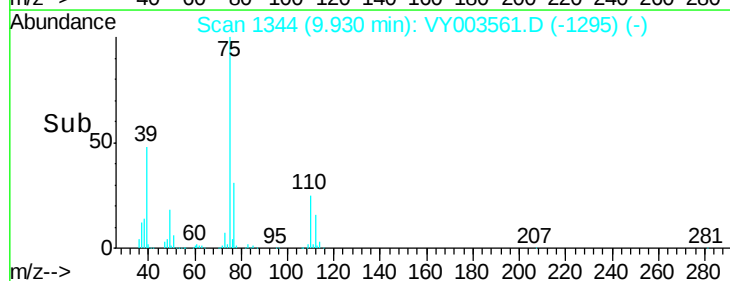
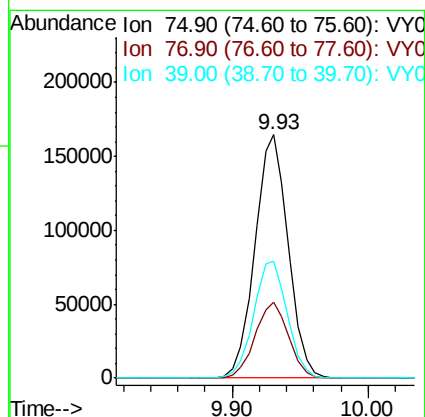
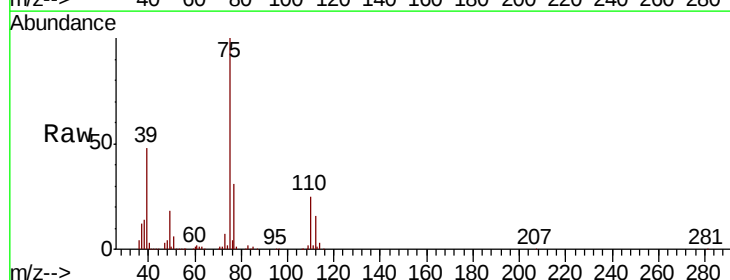
Tgt Ion: 75 Resp: 282089

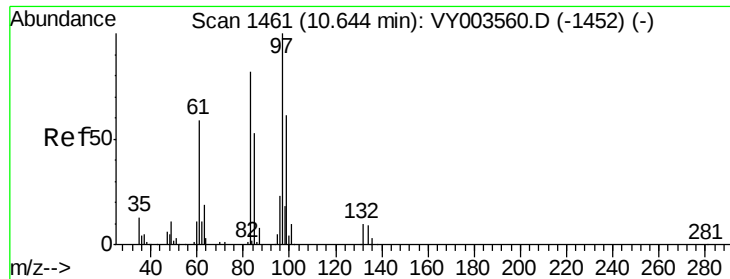
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 47.9 38.9 58.3





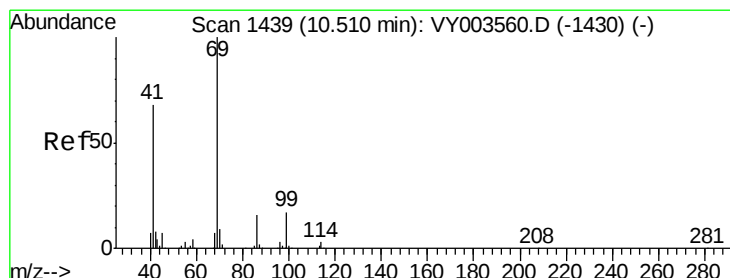
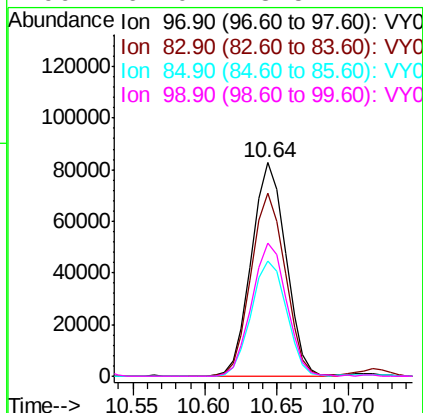
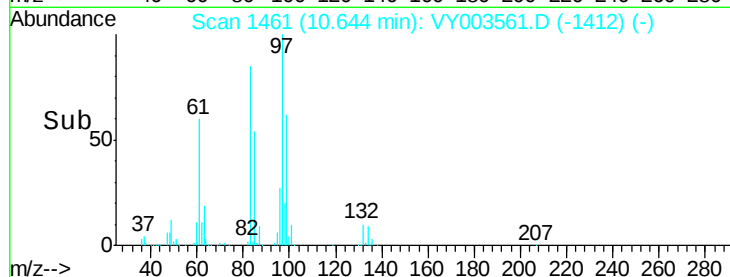
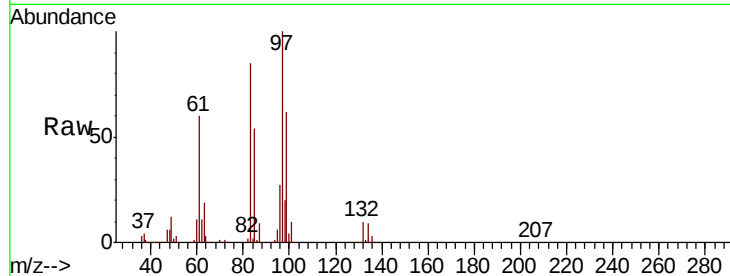
#55
 1,1,2-Trichloroethane
 Concen: 95.940 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	137528
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.2	97.8
85	53.6	42.4	63.6
99	62.0	48.5	72.7

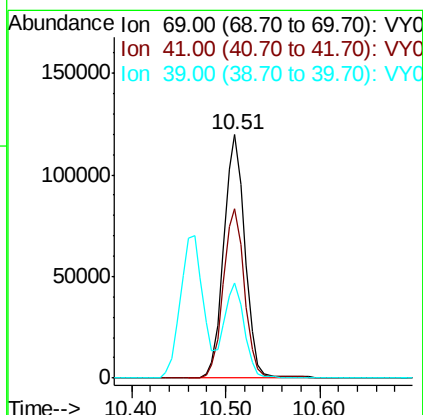
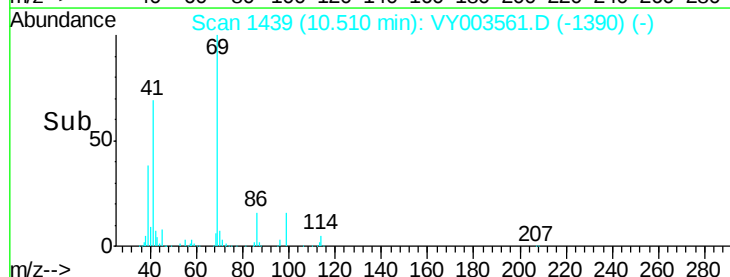
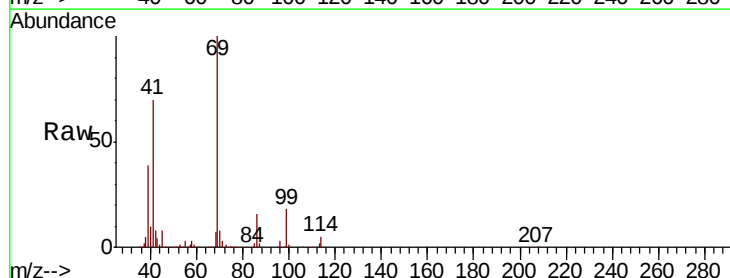
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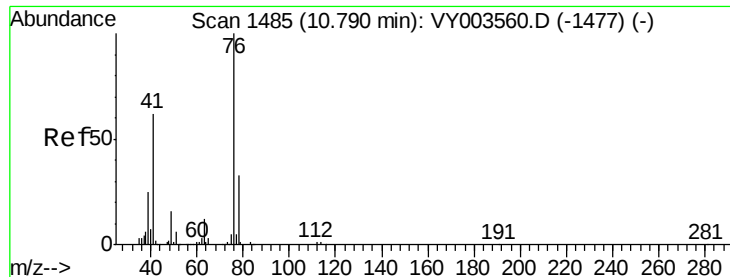
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#56
 Ethyl methacrylate
 Concen: 107.463 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion:	69	Resp:	187204
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.4	83.0
39	38.4	30.2	45.2





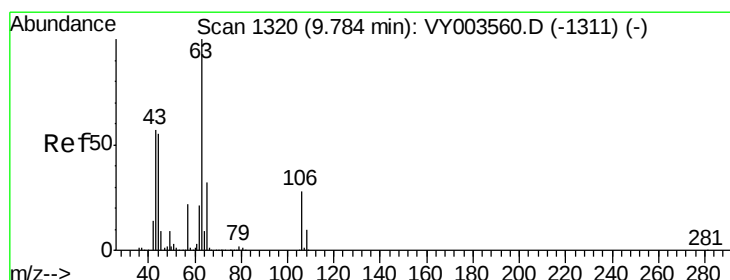
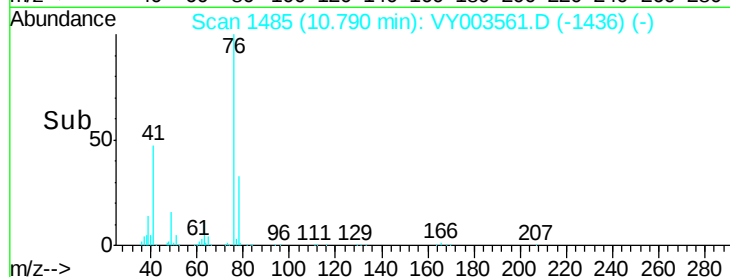
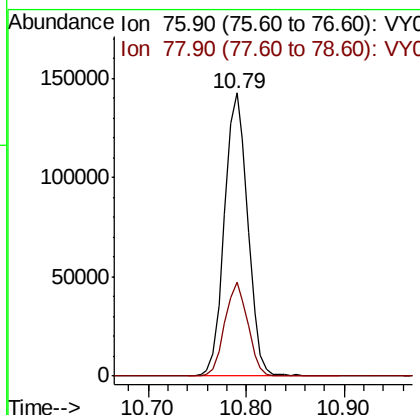
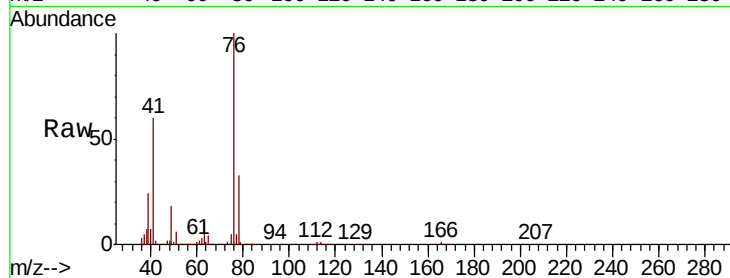
#57
 1,3-Dichloropropane
 Concen: 97.236 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 235919
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

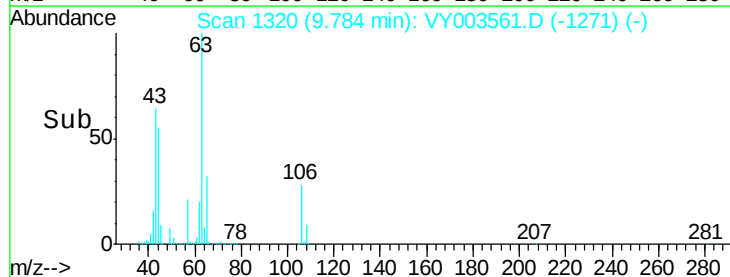
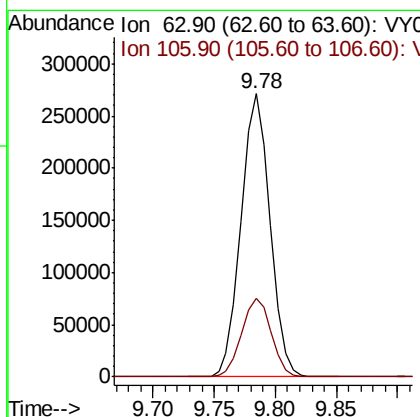
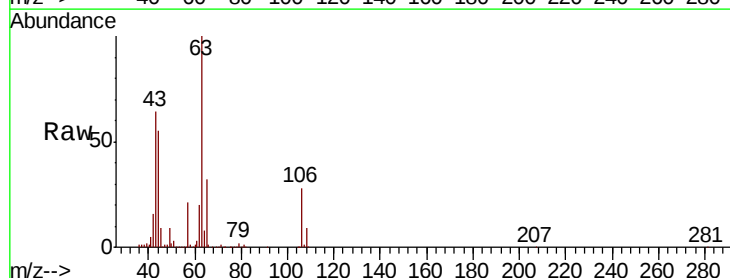
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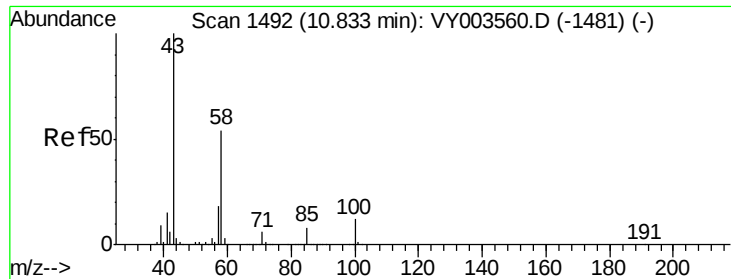
MMDadoda
 11/23/2020 1:39:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 499.762 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 63 Resp: 446779
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.6 34.0





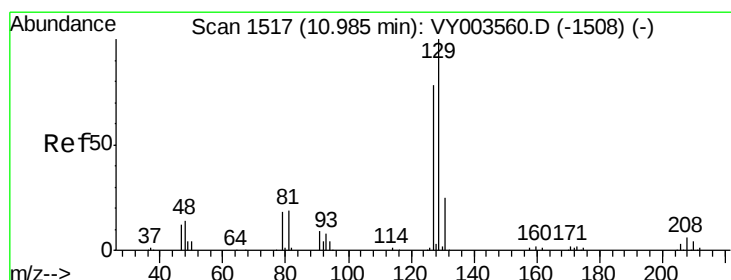
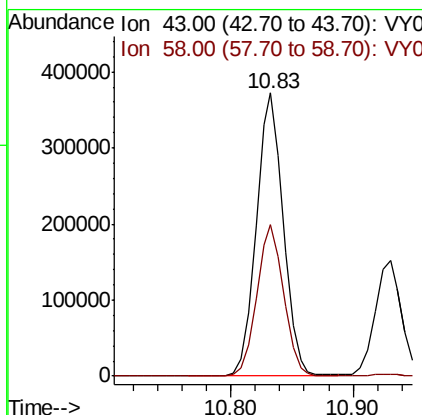
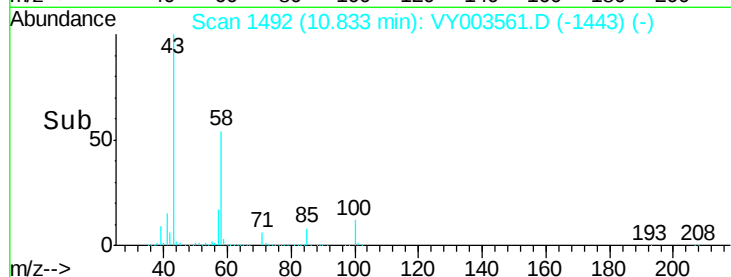
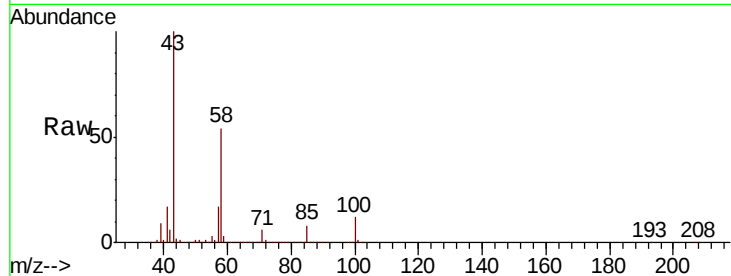
#59
2-Hexanone
Concen: 542.581 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 572863
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1

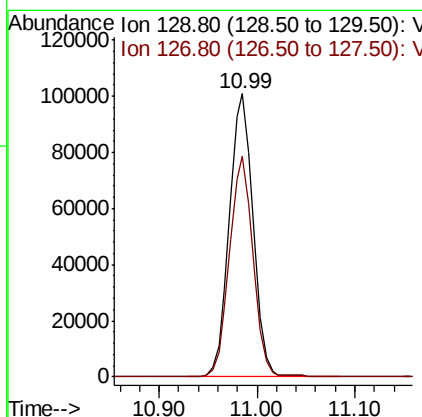
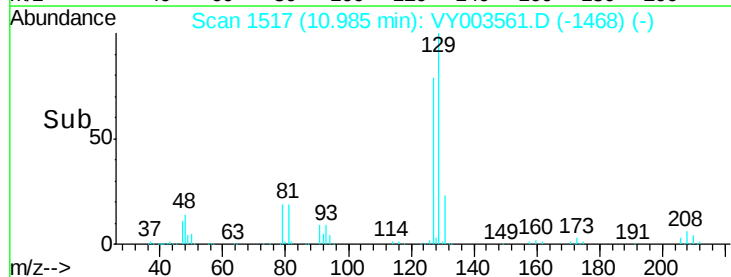
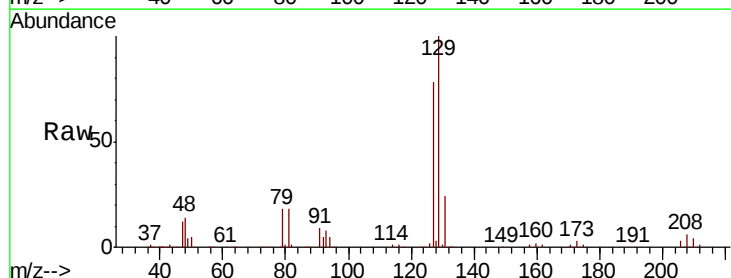
Manual Integrations
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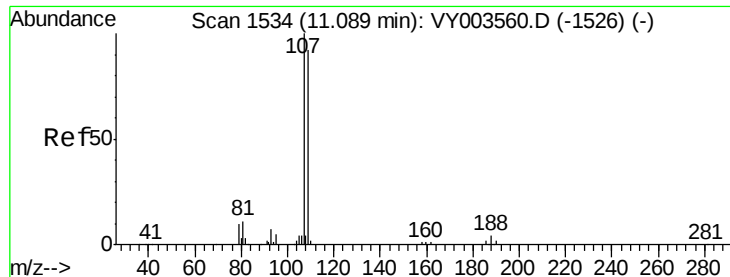
MMDadoda
11/23/2020 1:39:28 PM



#60
Dibromochloromethane
Concen: 98.208 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 129 Resp: 170218
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





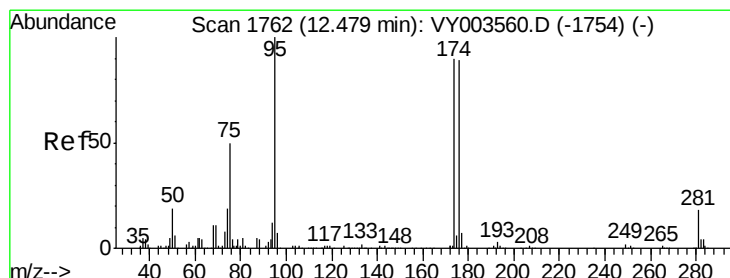
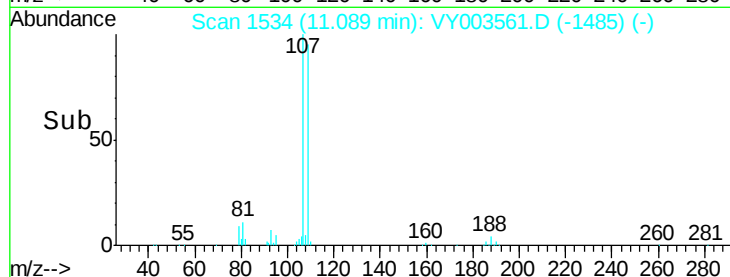
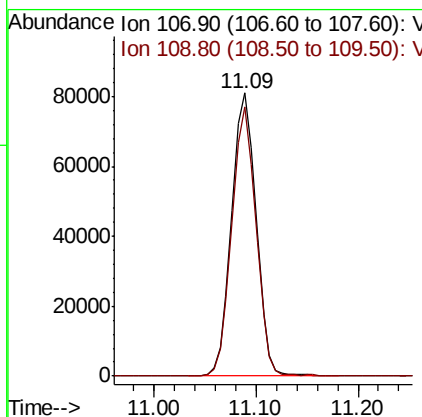
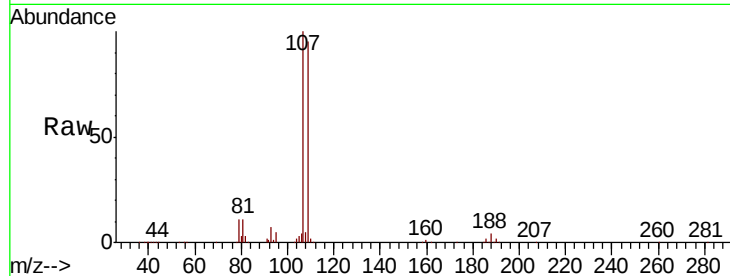
#61
 1,2-Dibromoethane
 Concen: 97.576 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.9	113.9

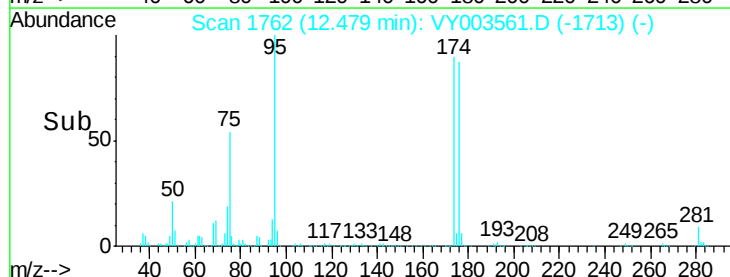
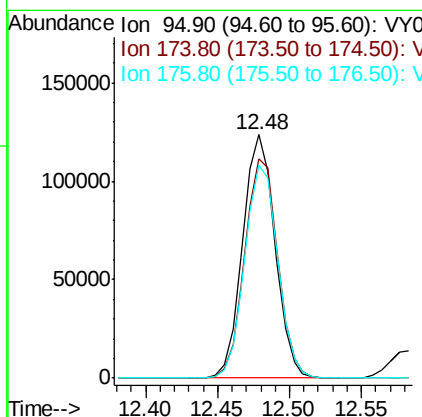
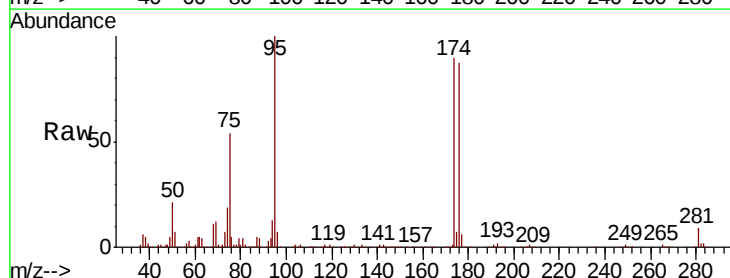
Manual Integrations
 APPROVED

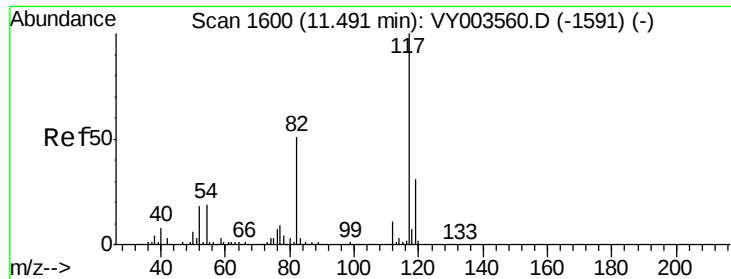
MMDadoda
 11/23/2020 1:39:28 PM



#62
 4-Bromofluorobenzene
 Concen: 96.550 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	184.0
176	89.0	0.0	180.4





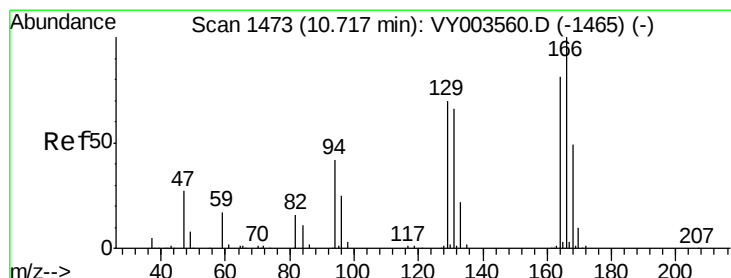
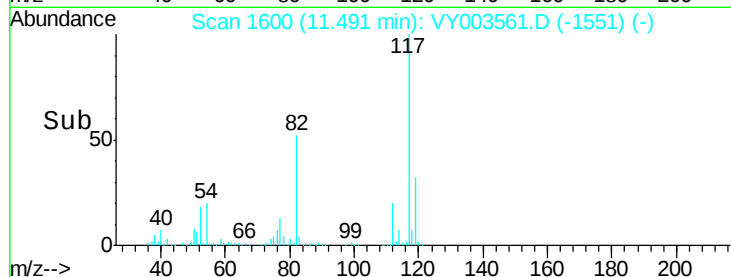
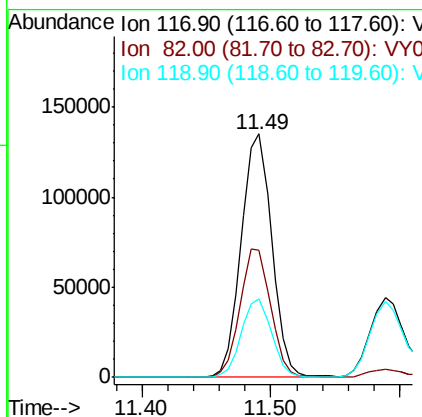
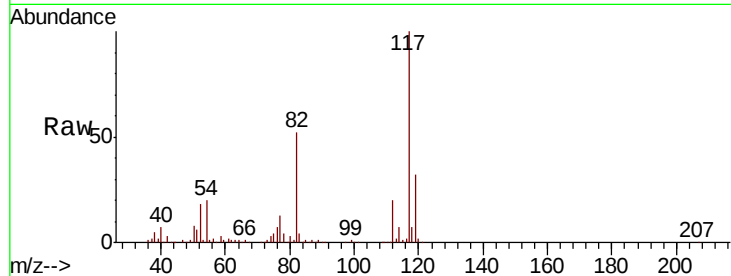
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	222511		
82	52.4		41.0	61.6
119	32.2		25.0	37.6

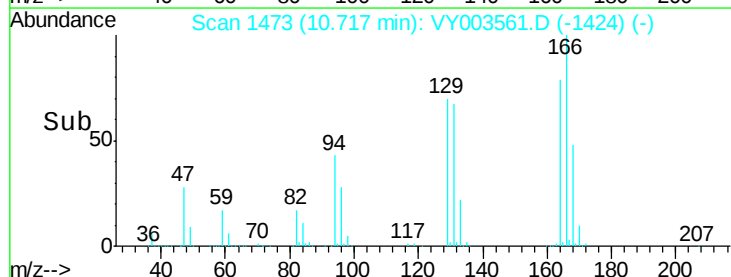
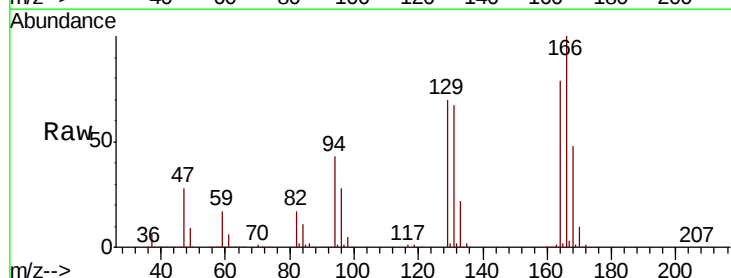
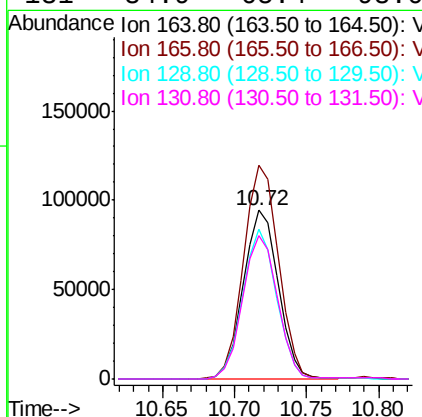
Manual Integrations
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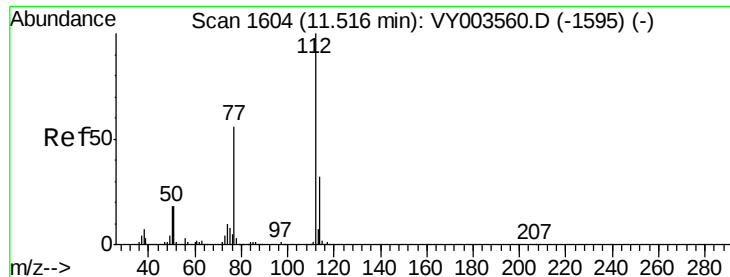
MMDadoda
11/23/2020 1:39:28 PM



#64
Tetrachloroethene
Concen: 95.678 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159023		
166	126.7		99.0	148.4
129	88.9		69.1	103.7
131	84.9		65.4	98.0





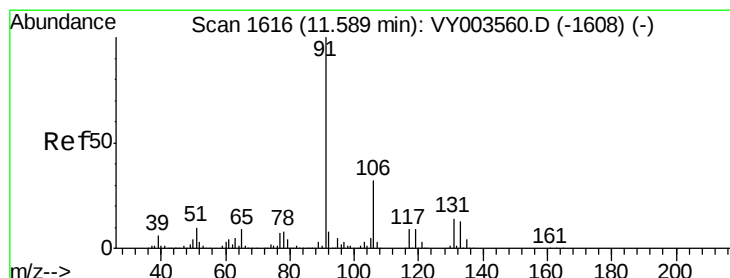
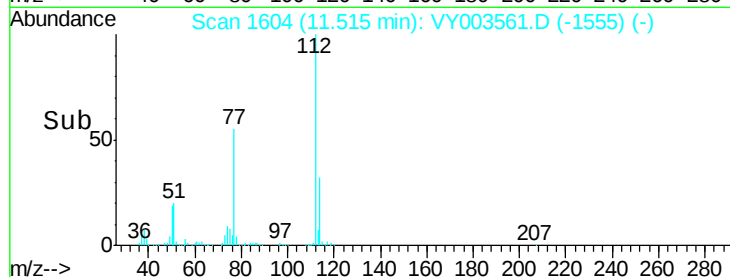
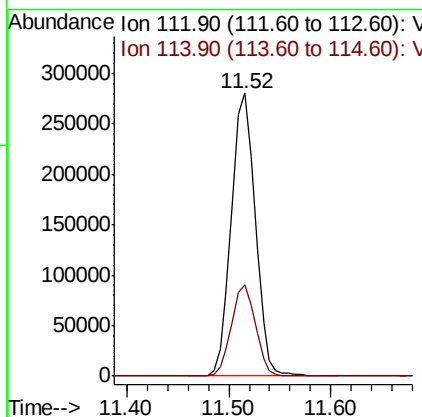
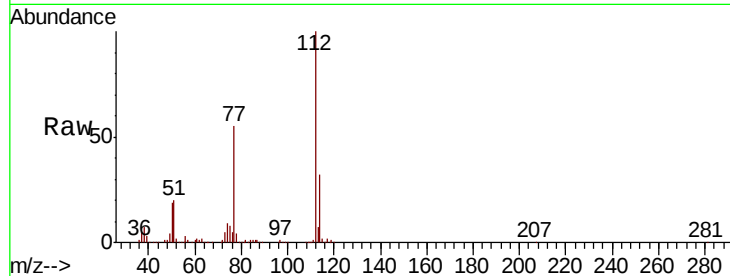
#65
Chlorobenzene
Concen: 94.830 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 456522
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

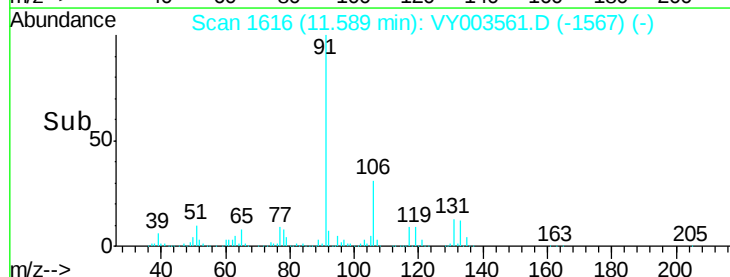
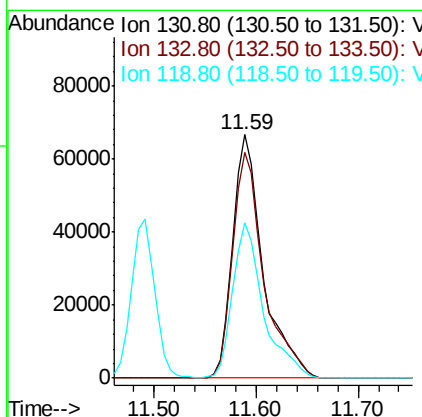
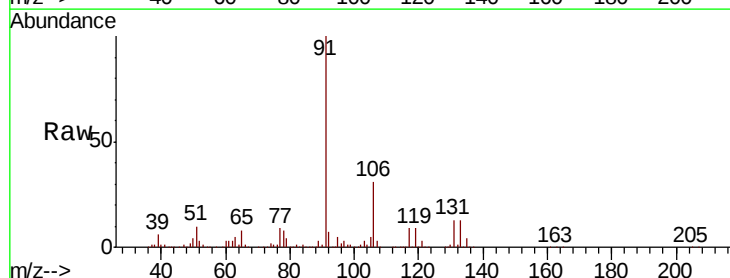
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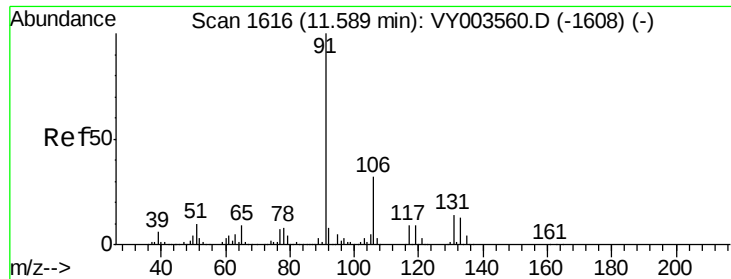
MMDadoda
11/23/2020 1:39:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 99.075 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:131 Resp: 136861
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.6 32.6 97.7





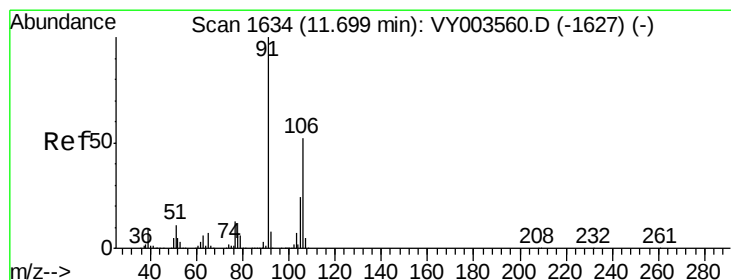
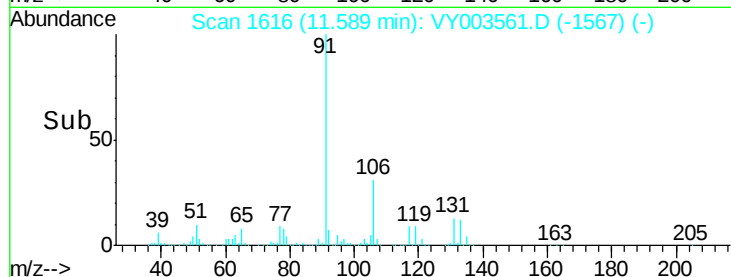
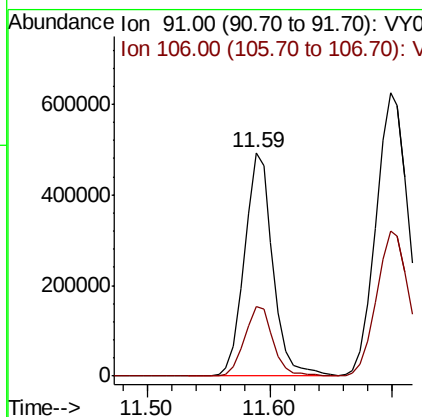
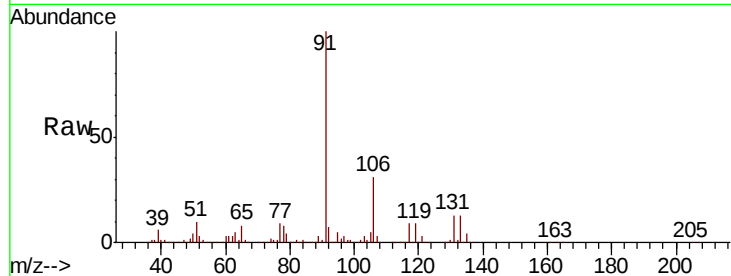
#67
Ethyl Benzene
Concen: 100.578 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 793402
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

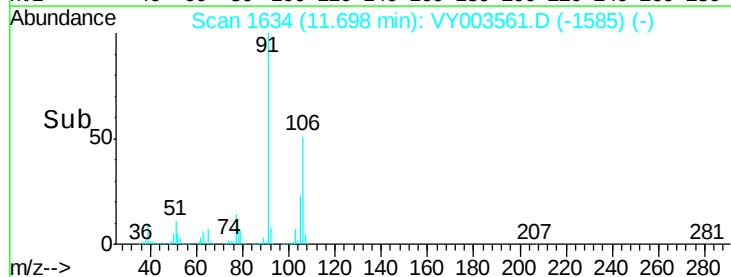
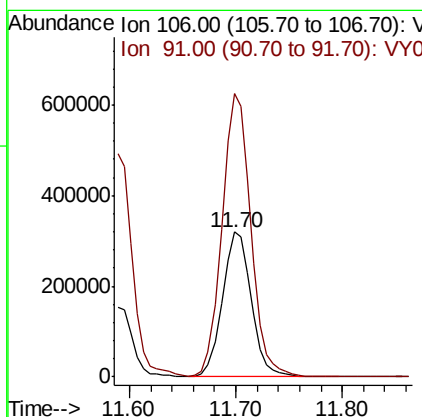
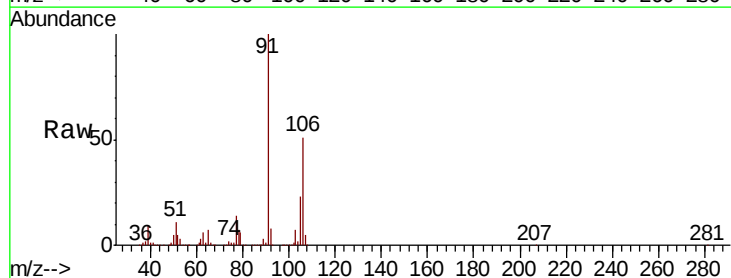
Manual Integrations
APPROVED

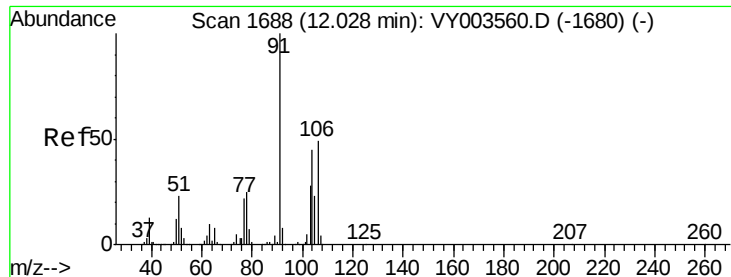
MMDadoda
11/23/2020 1:39:28 PM



#68
m/p-Xylenes
Concen: 199.464 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 106 Resp: 602508
Ion Ratio Lower Upper
106 100
91 195.1 154.2 231.4





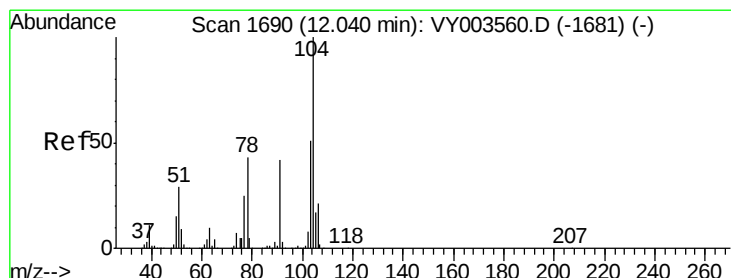
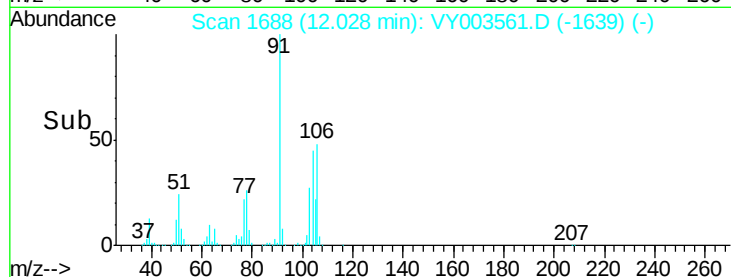
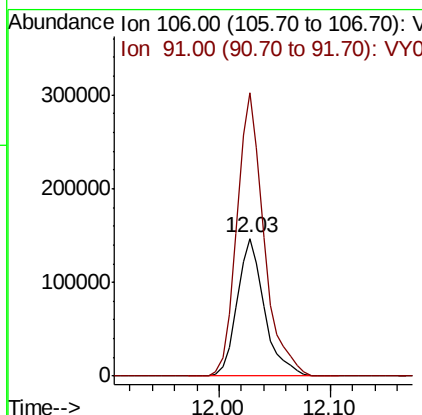
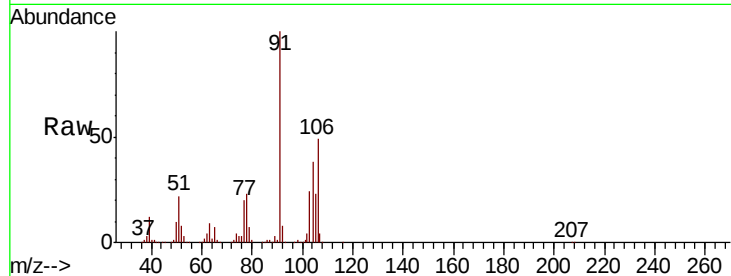
#69
o-Xylene
Concen: 102.673 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 248080
Ion Ratio Lower Upper
106 100
91 204.3 103.1 309.1

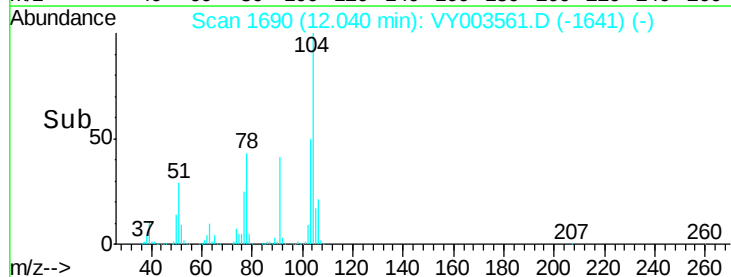
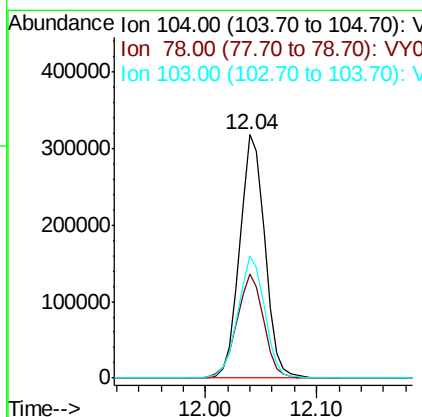
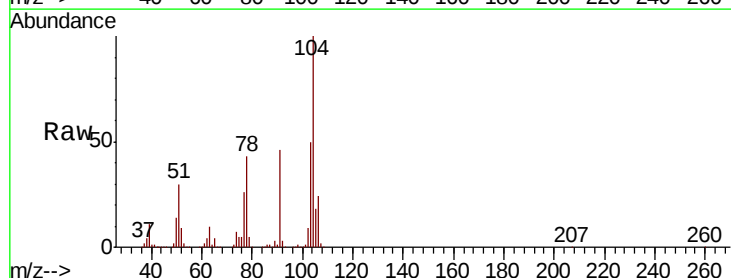
Manual Integrations
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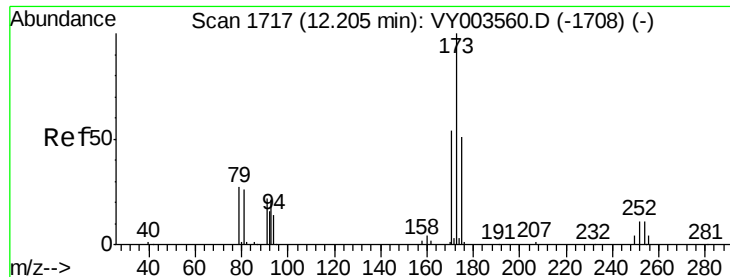
MMDadoda
11/23/2020 1:39:28 PM



#70
Styrene
Concen: 102.159 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:104 Resp: 497496
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 53.5 43.6 65.4





#71

Bromoform

Concen: 96.699 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 107871

Ion Ratio Lower Upper

173 100

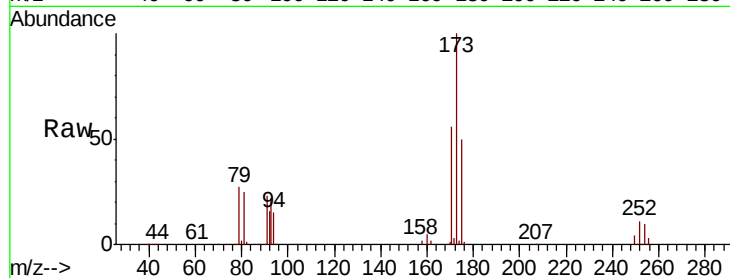
175 49.1 24.6 73.6

254 0.2 0.1 0.1#

Manual Integrations
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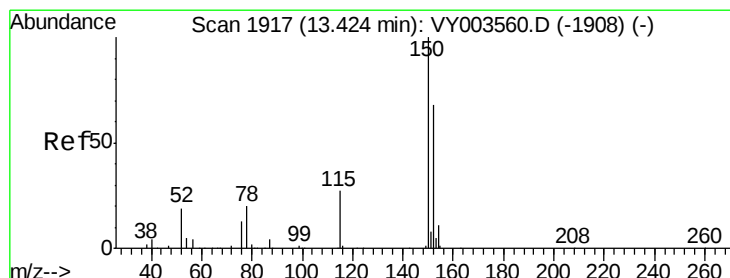
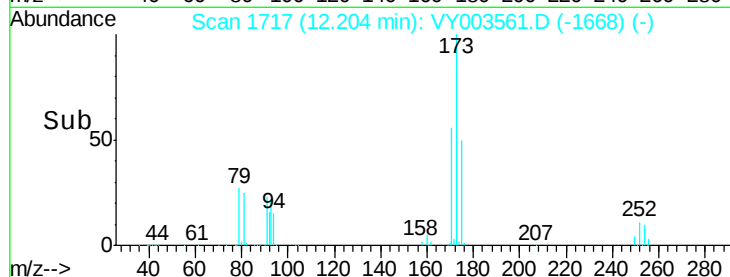
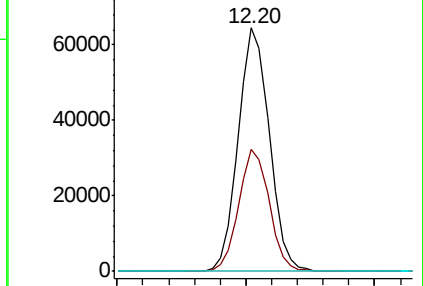
11/23/2020 1:39:28 PM



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: VY003561.D

Acq: 20 Nov 2020 11:40

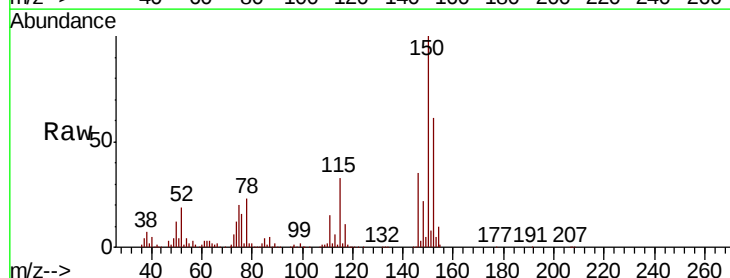
Tgt Ion:152 Resp: 108213

Ion Ratio Lower Upper

152 100

115 54.1 27.4 82.0

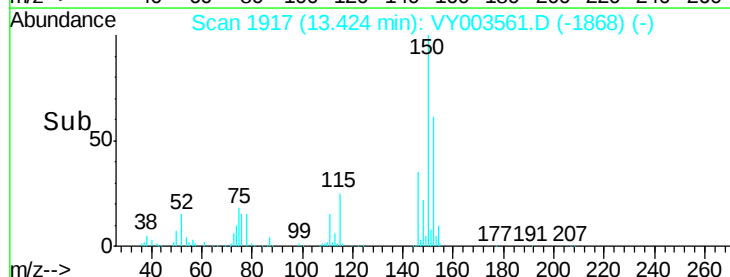
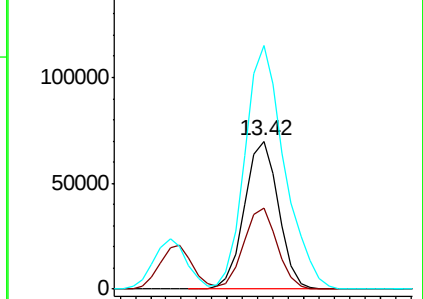
150 191.0 0.0 349.6

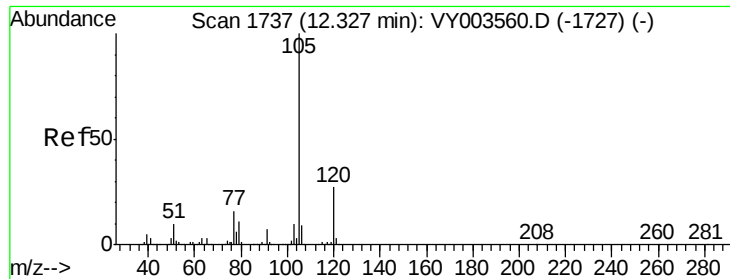


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





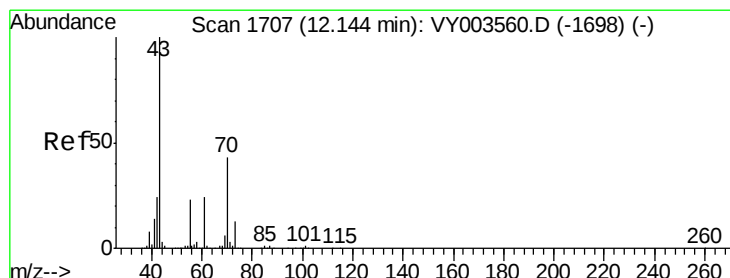
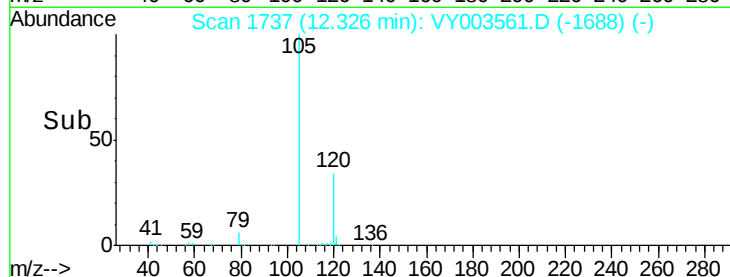
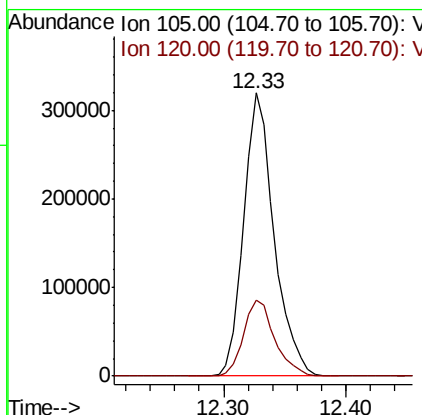
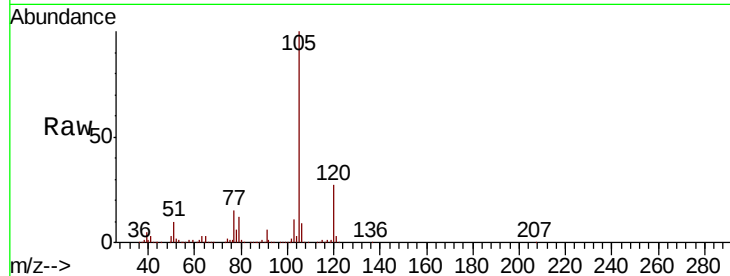
#73
Isopropylbenzene
Concen: 102.075 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.8	41.4

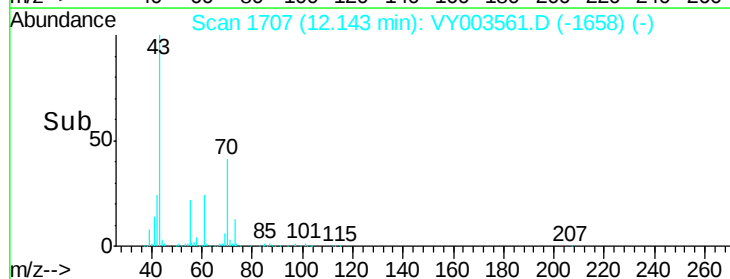
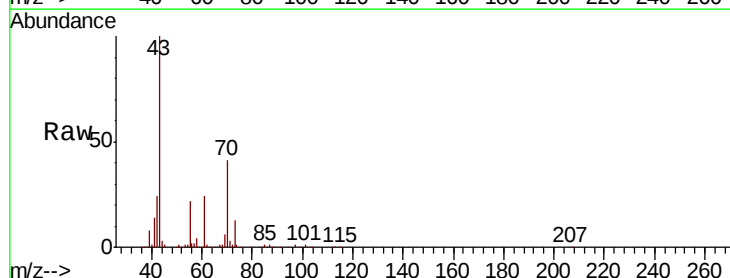
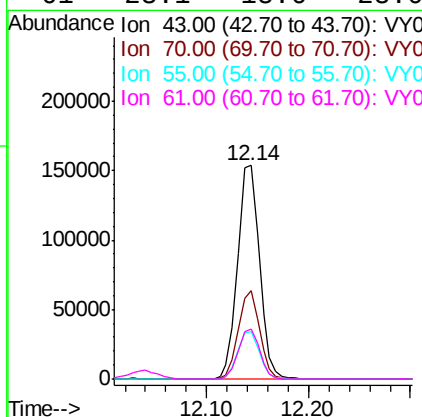
Manual Integrations
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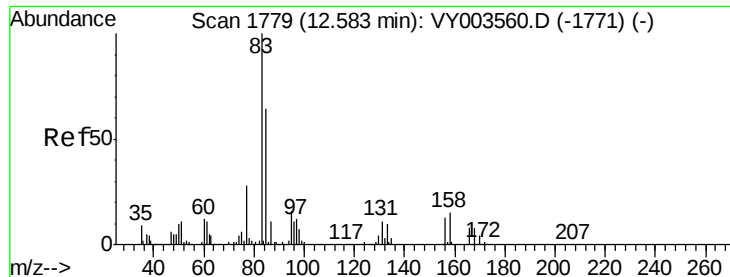
MMDadoda
11/23/2020 1:39:28 PM



#74
N-ethyl acetate
Concen: 106.665 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.2	48.4
55	22.4	18.6	28.0
61	23.1	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 98.680 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 148012

Ion Ratio Lower Upper

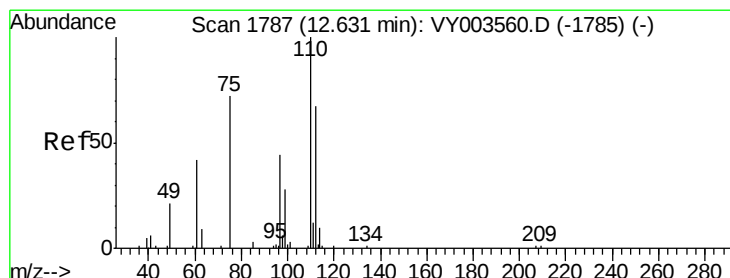
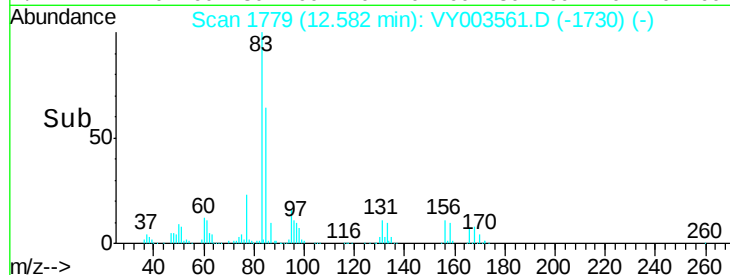
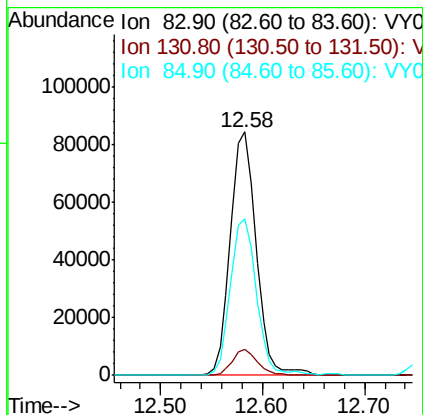
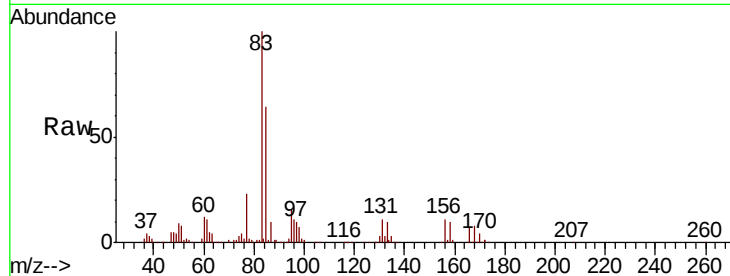
83 100

131 10.3 5.2 15.6

85 65.0 32.5 97.4

Manual Integrations
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11/23/2020 1:39:28 PM



#76

1,2,3-Trichloropropane

Concen: 90.937 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003561.D

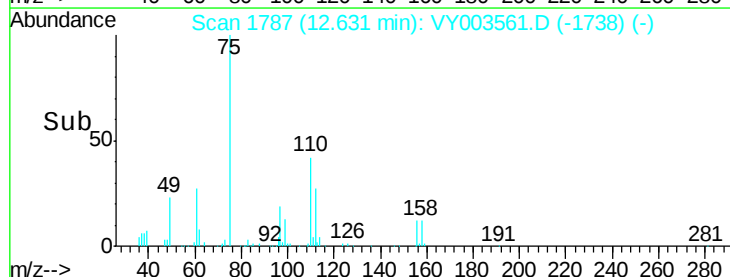
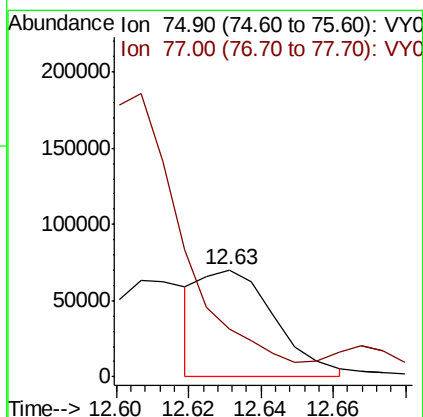
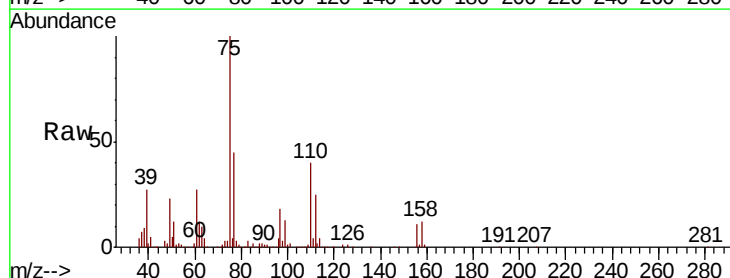
Acq: 20 Nov 2020 11:40

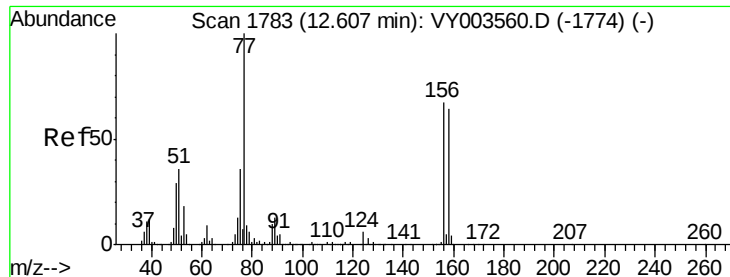
Tgt Ion: 75 Resp: 100331

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





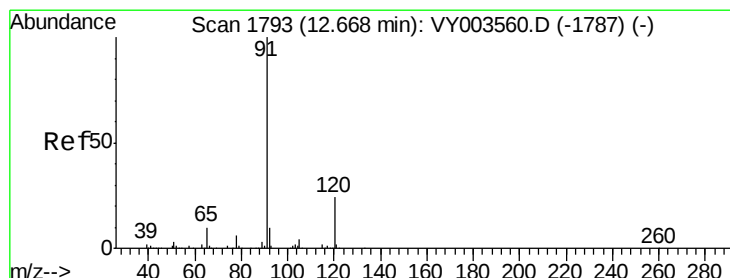
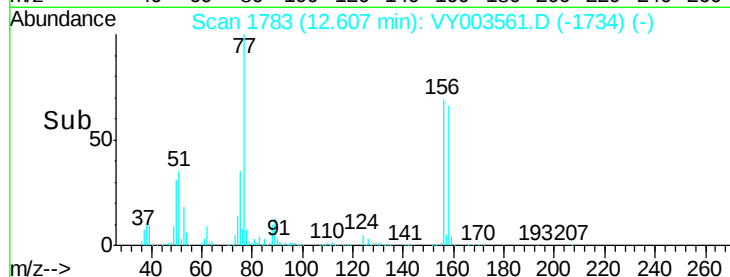
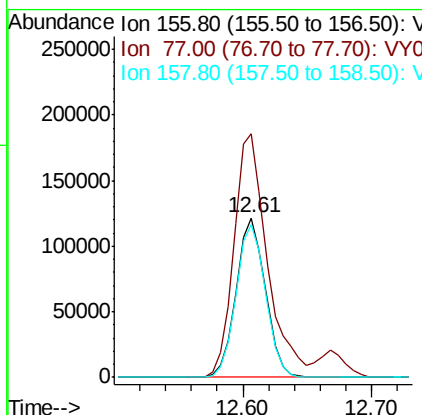
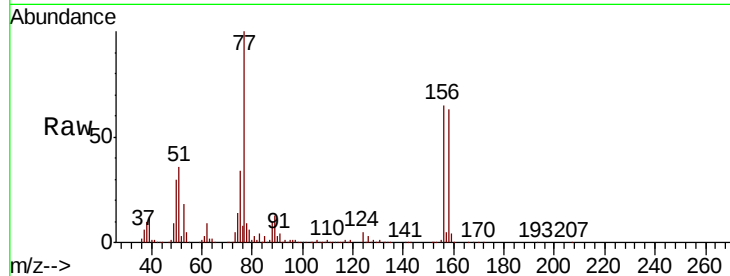
#77
Bromobenzene
Concen: 96.126 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		190635		
77	174.9	85.7	257.1		
158	96.7	48.8	146.4		

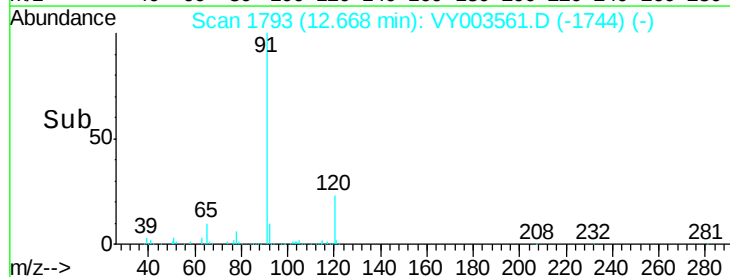
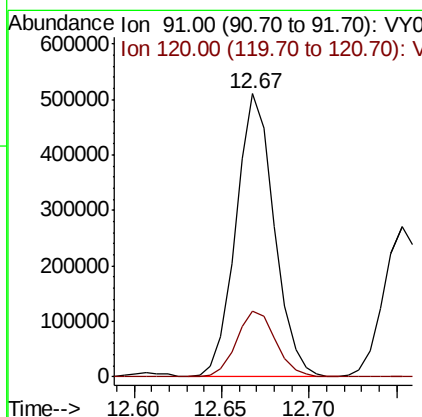
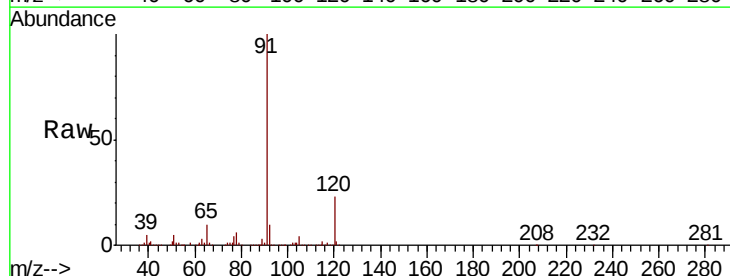
Manual Integrations
APPROVED

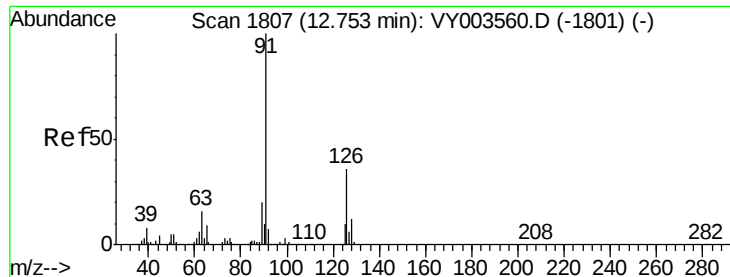
MMDadoda
11/23/2020 1:39:28 PM



#78
n-propylbenzene
Concen: 102.271 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		774461		
120	23.9	12.0	36.1		





#79

2-Chlorotoluene

Concen: 99.832 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 436371

Ion Ratio Lower Upper

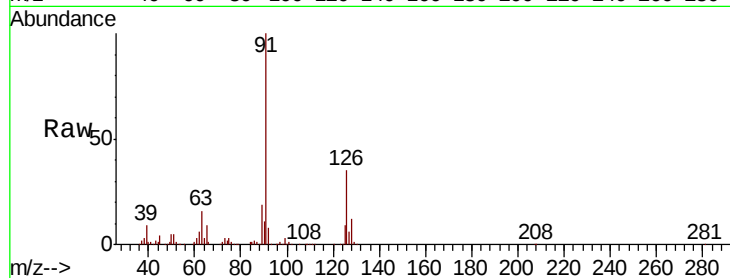
91 100

126 36.0 18.1 54.3

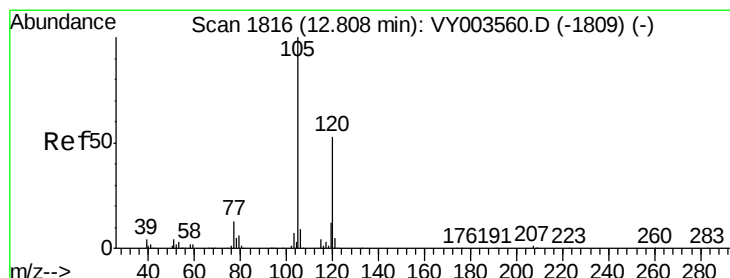
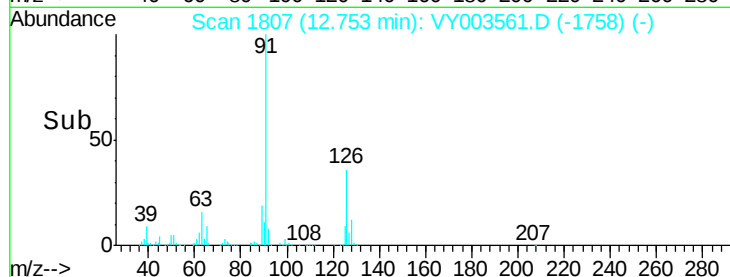
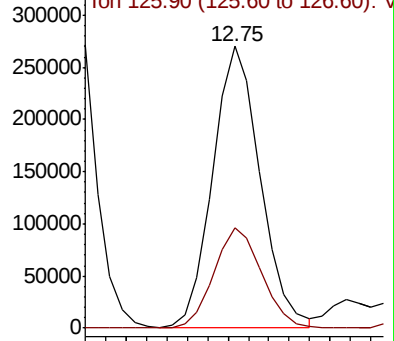
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003561.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 98.958 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003561.D

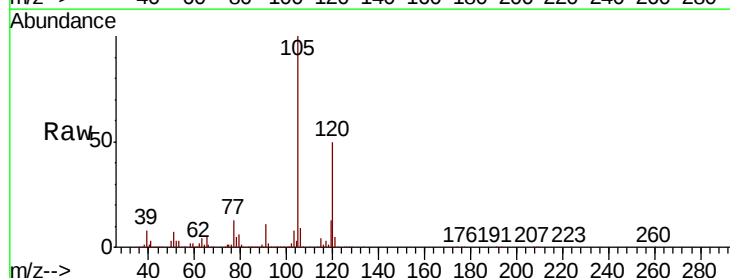
Acq: 20 Nov 2020 11:40

Tgt Ion: 105 Resp: 400911

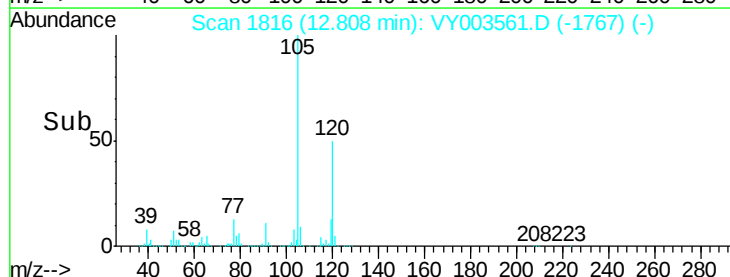
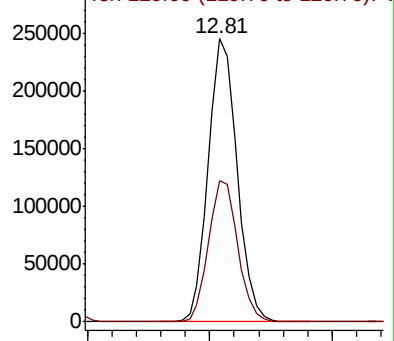
Ion Ratio Lower Upper

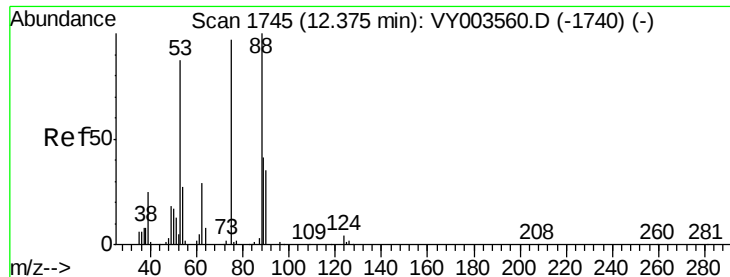
105 100

120 50.6 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY003561.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 97.727 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

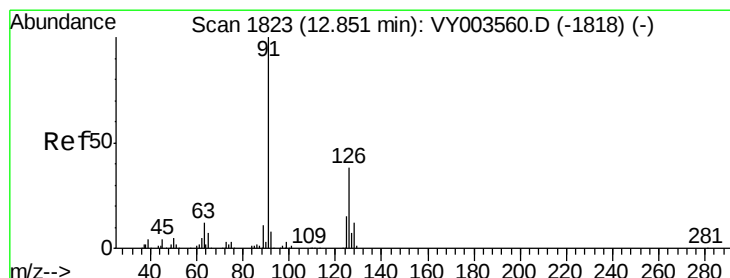
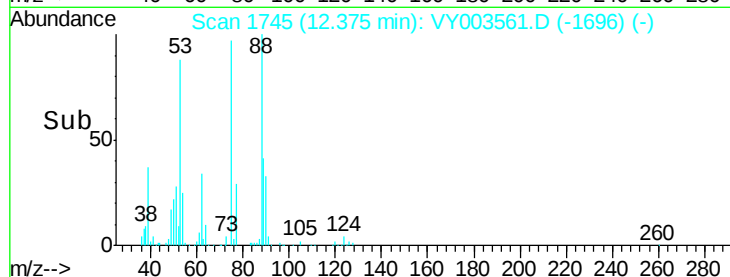
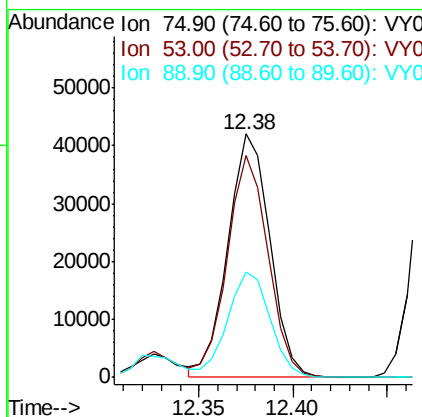
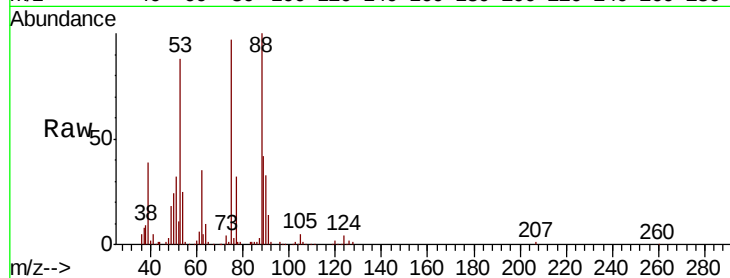
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	64494
Ion	Ratio	Lower	Upper
75	100		
53	89.6	71.4	107.2
89	43.7	34.7	52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 98.746 ug/l

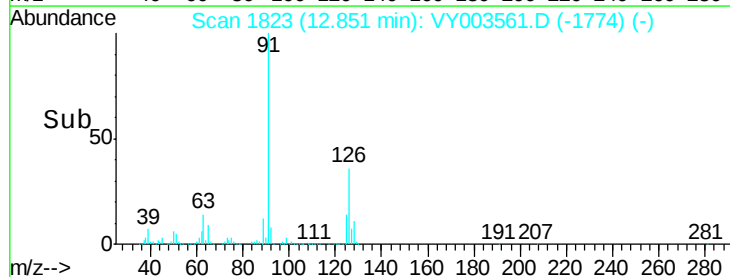
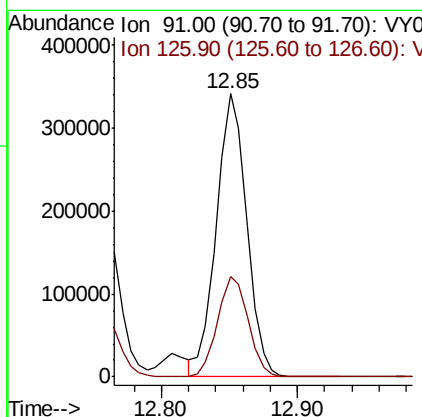
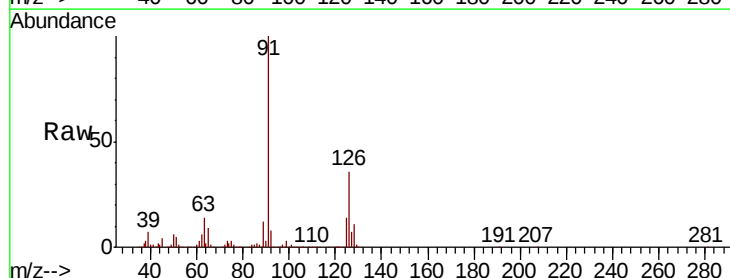
RT: 12.85 min Scan# 1823

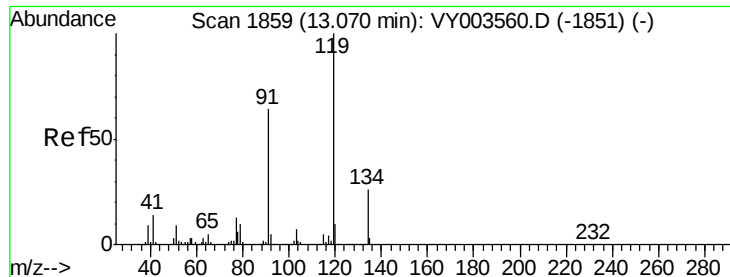
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	91	Resp:	528831
Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.1	54.3





#83

tert-Butylbenzene

Concen: 98.765 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

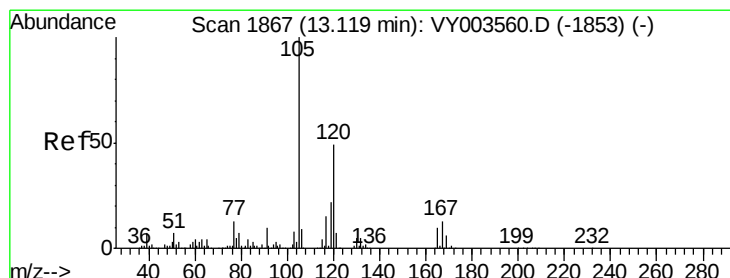
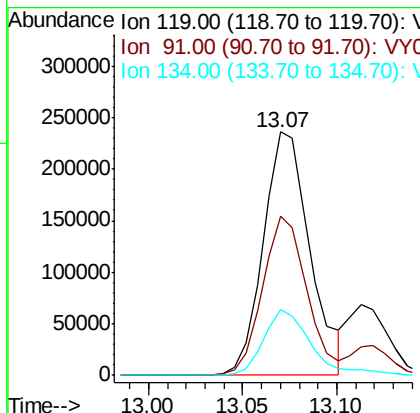
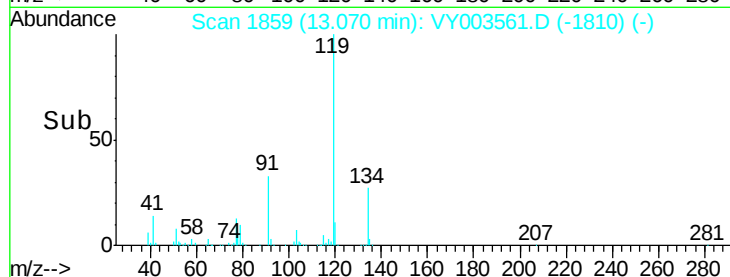
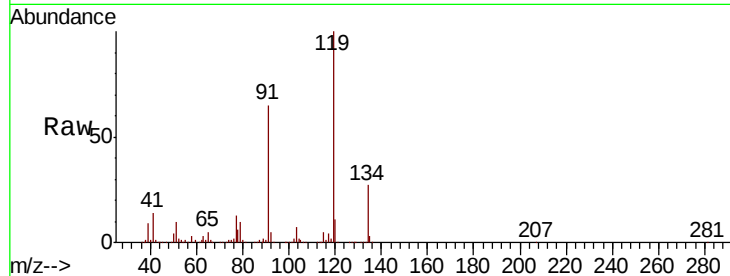
ClientSampleId :

VSTDIC100

Tot Ion:	119	Resp:	405018
Ion Ratio	Lower	Upper	
119	100		
91	62.0	31.8	95.3
134	27.3	14.1	42.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 100.609 ug/l

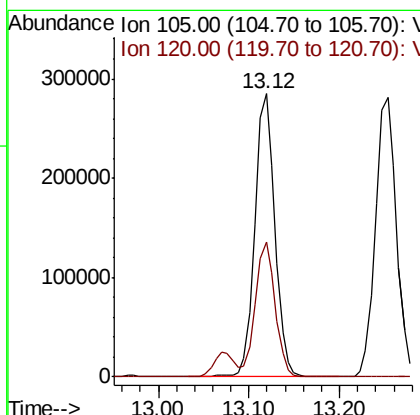
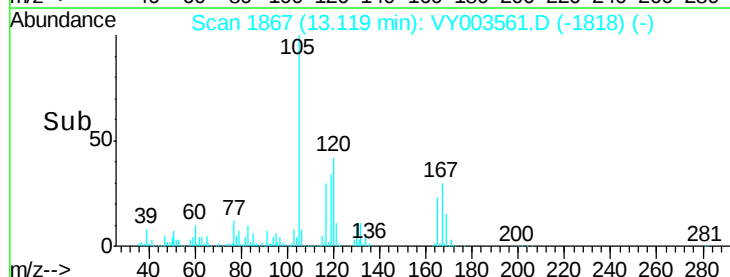
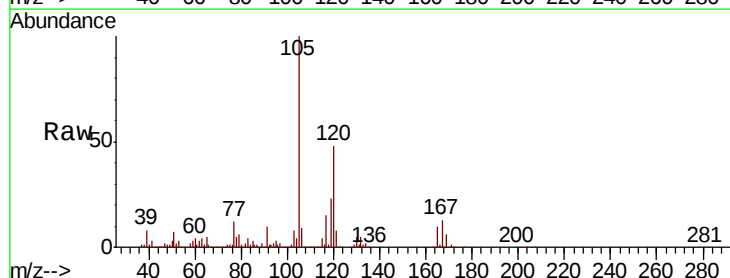
RT: 13.12 min Scan# 1867

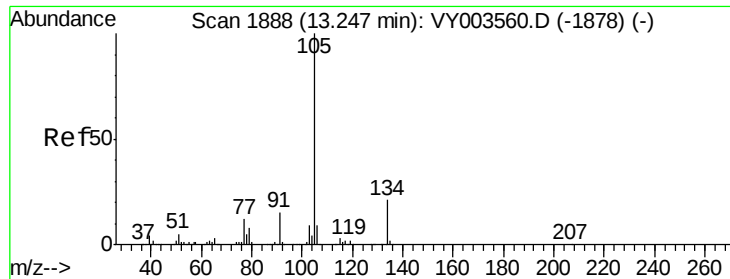
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	105	Resp:	433988
Ion Ratio	Lower	Upper	
105	100		
120	47.3	23.8	71.4





#85

sec-Butylbenzene

Concen: 96.618 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 448477

Ion Ratio Lower Upper

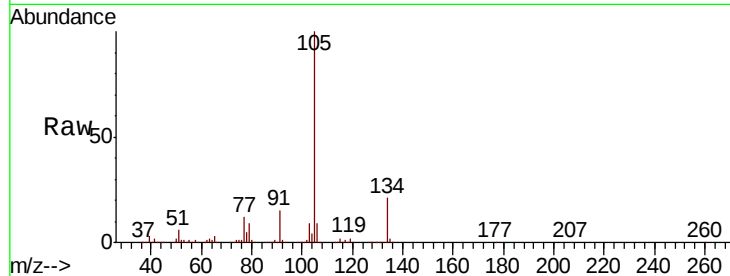
105 100

134 21.3 10.4 31.2

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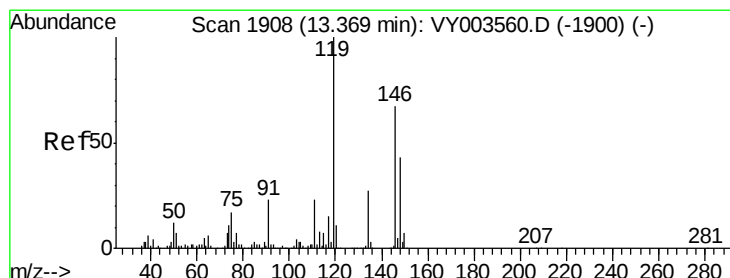
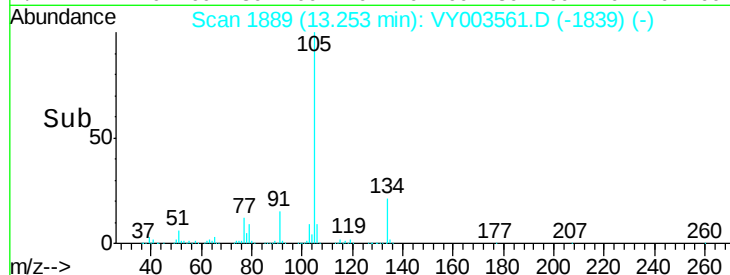
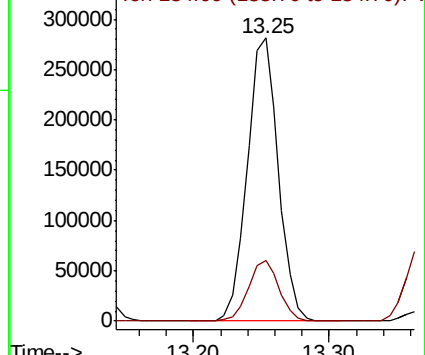
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 98.219 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

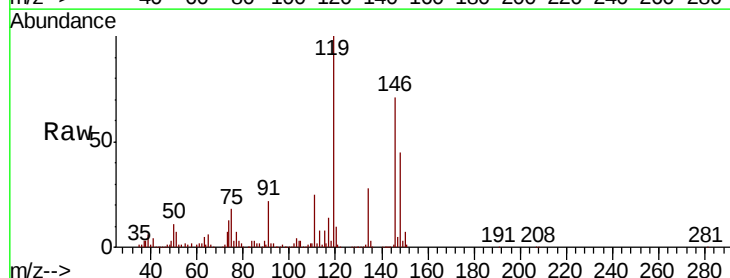
Tgt Ion:119 Resp: 409073

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.4

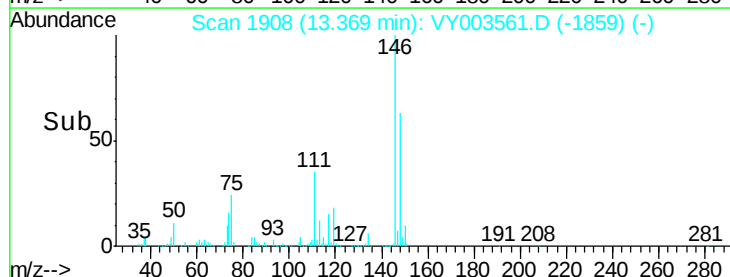
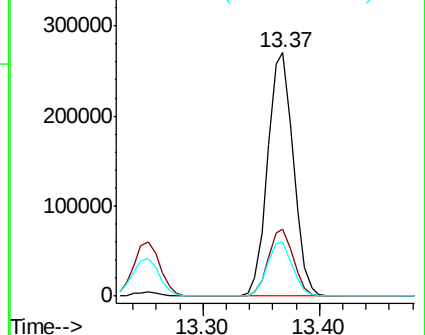
91 22.1 11.4 34.2

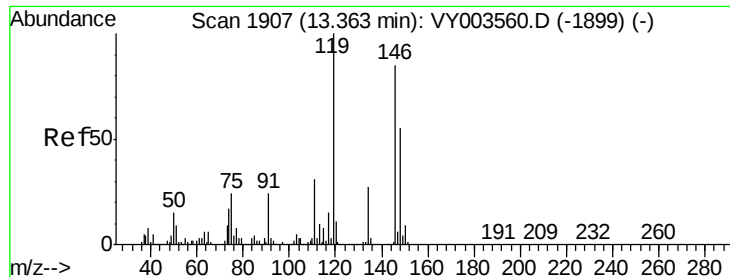


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 96.993 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

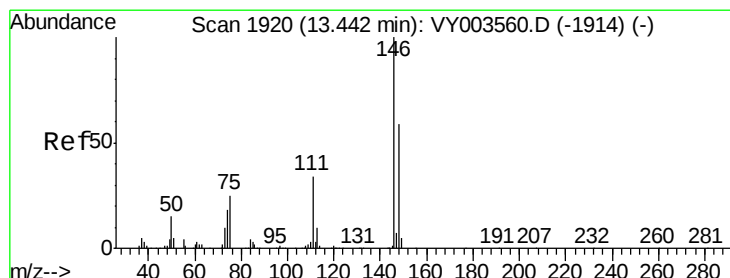
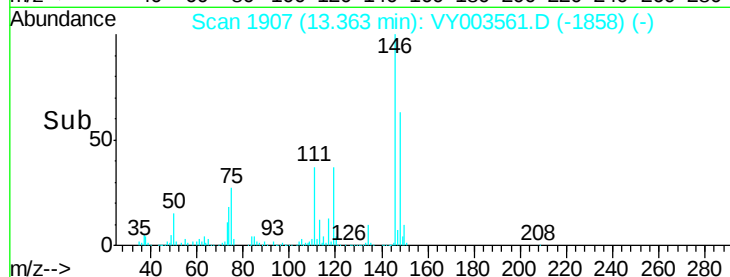
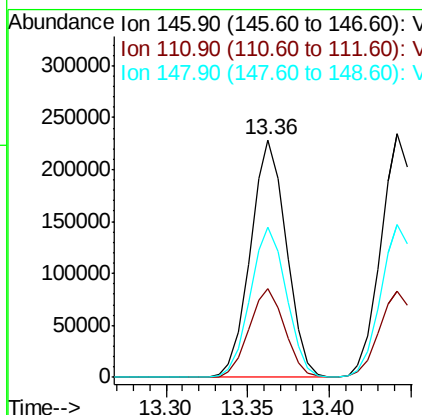
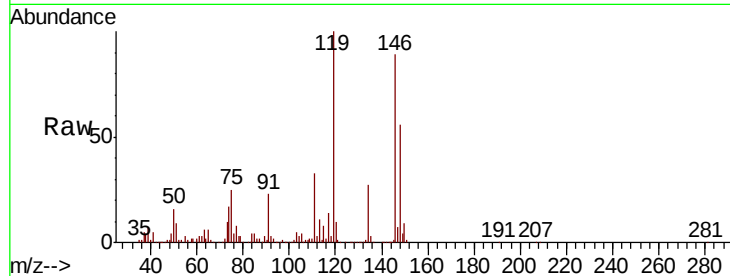
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.3	54.9
148	63.8	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 95.384 ug/l

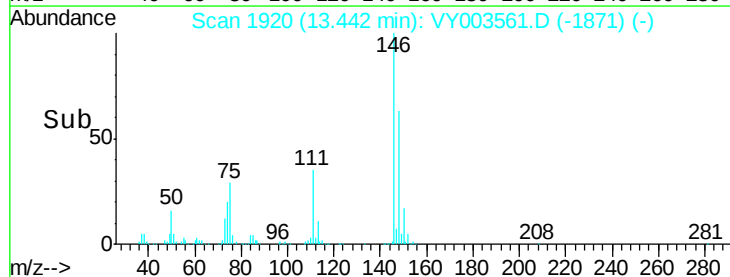
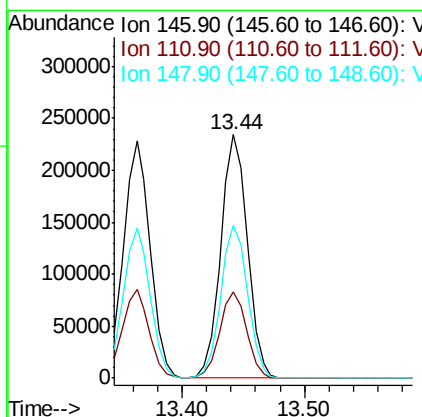
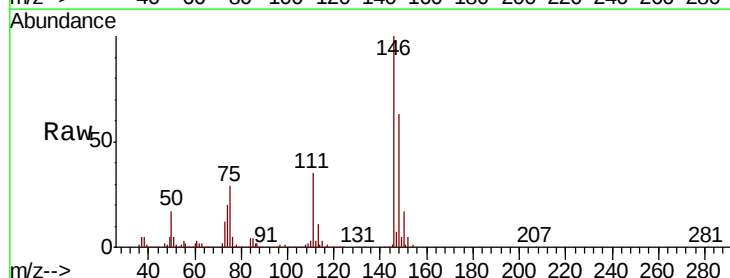
RT: 13.44 min Scan# 1920

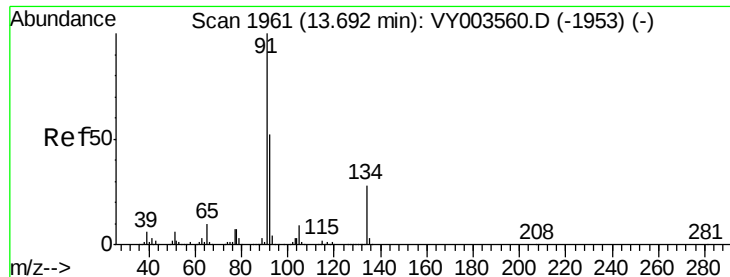
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.4
148	63.5	31.1	93.2





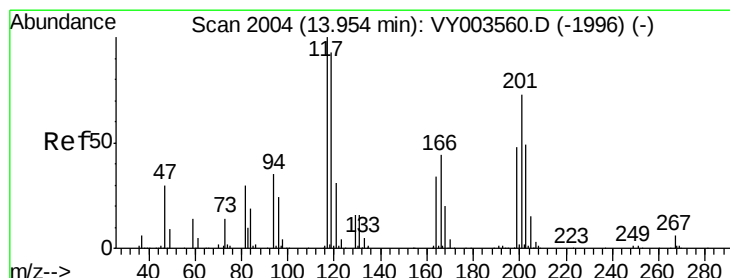
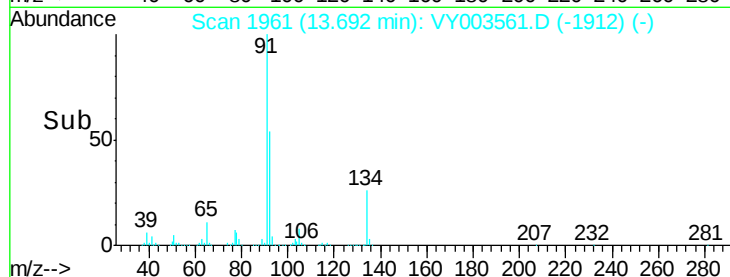
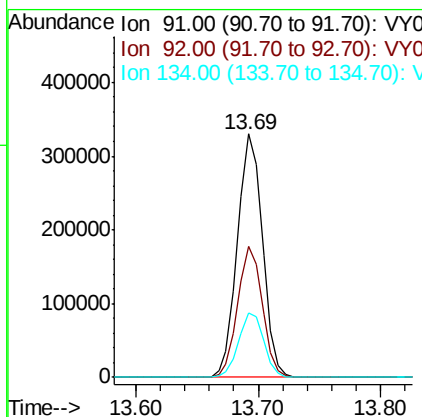
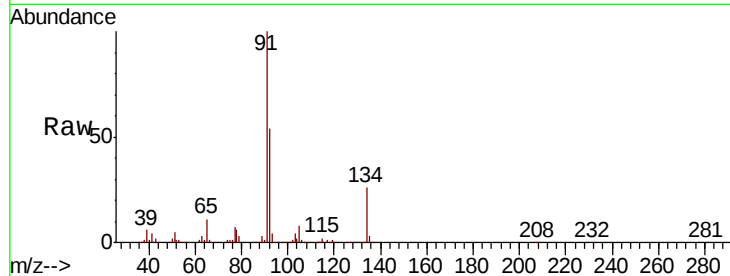
#89
n-Butylbenzene
Concen: 104.729 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	26.7	13.9	41.7

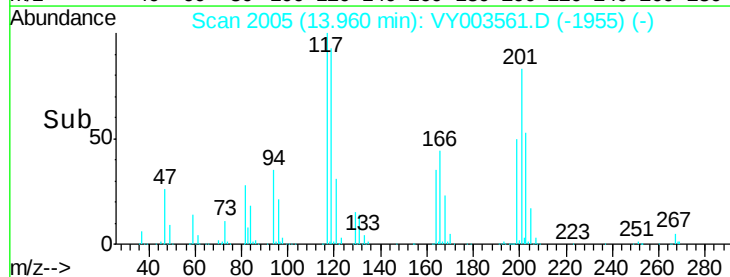
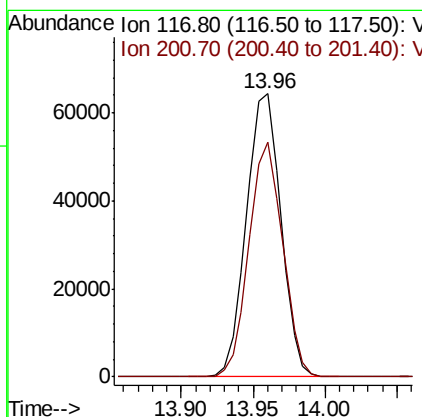
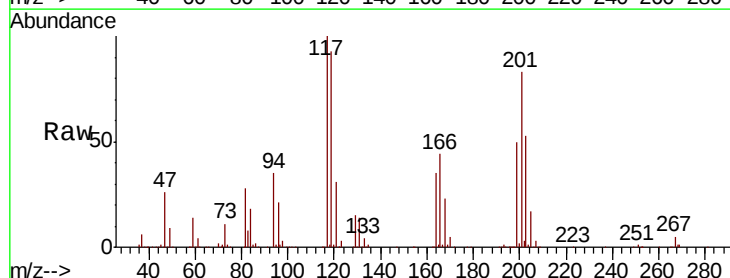
Manual Integrations
APPROVED

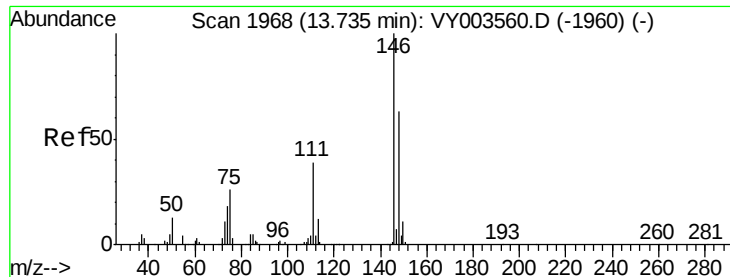
MMDadoda
11/23/2020 1:39:28 PM



#90
Hexachloroethane
Concen: 97.130 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	41.3	123.9





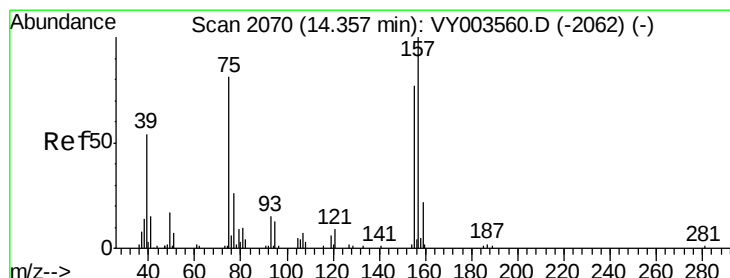
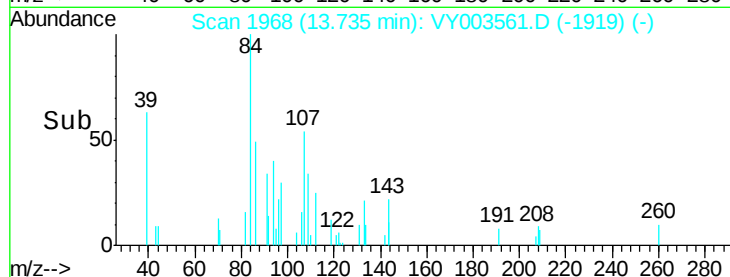
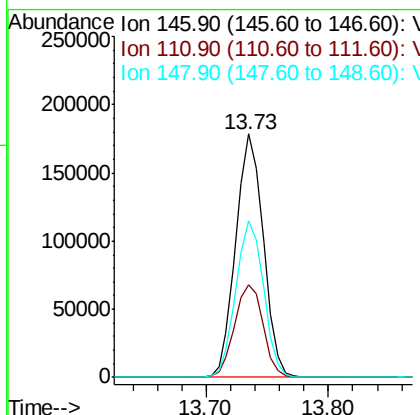
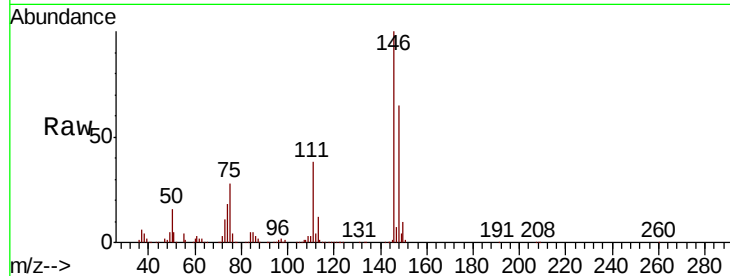
#91
 1,2-Dichlorobenzene
 Concen: 96.571 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.5
148	64.7	31.9	95.7

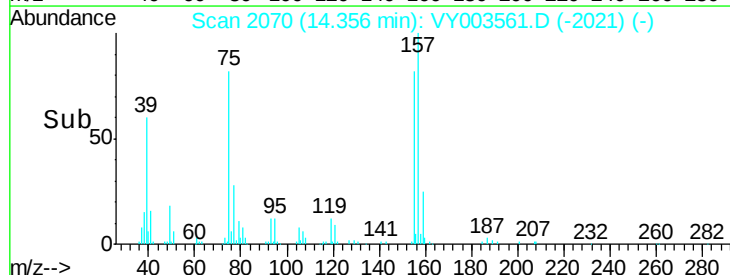
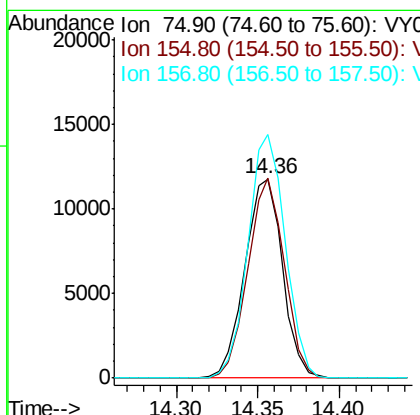
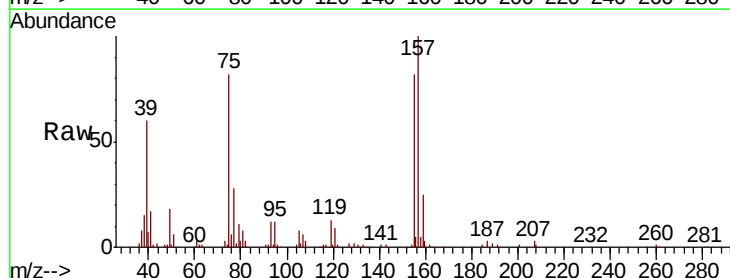
Manual Integrations
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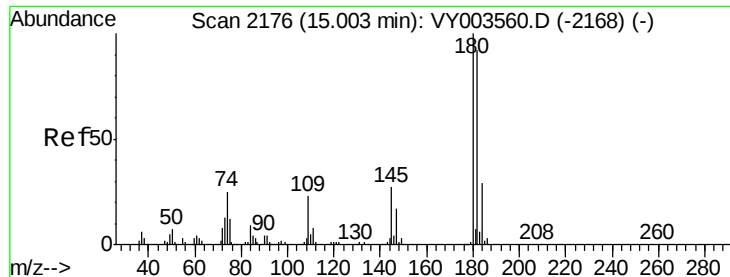
MMDadoda
 11/23/2020 1:39:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.958 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	45.4	136.2
157	120.8	59.7	179.1





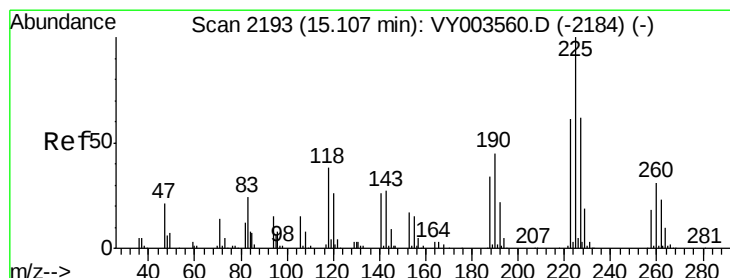
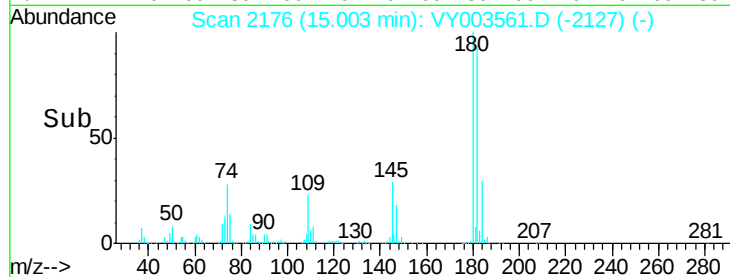
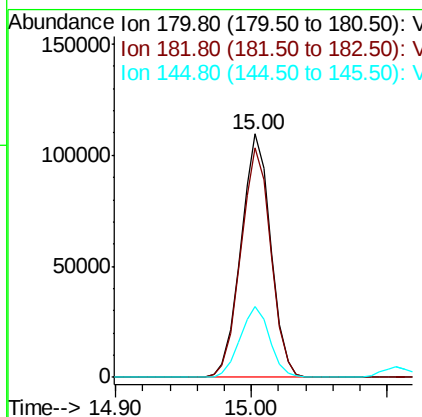
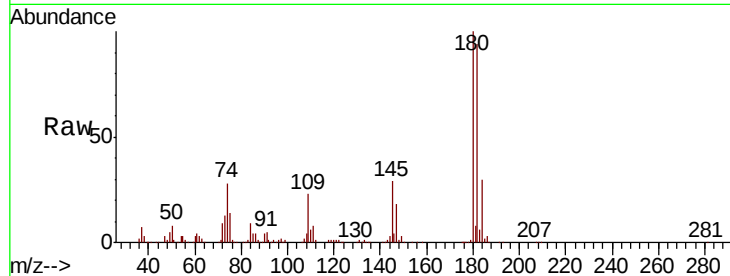
#93
 1,2,4-Trichlorobenzene
 Concen: 103.315 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	166958		
182	95.1	47.4	142.3	
145	29.1	14.1	42.4	

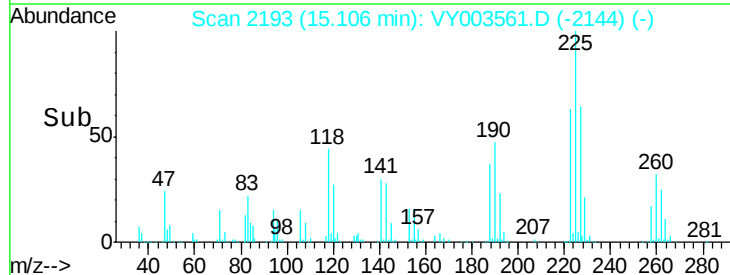
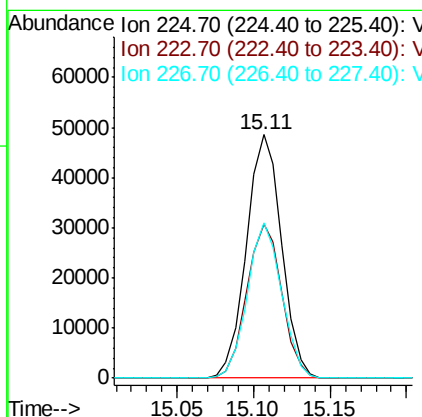
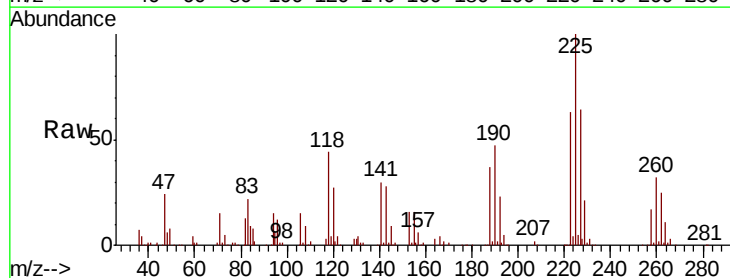
Manual Integrations
 APPROVED

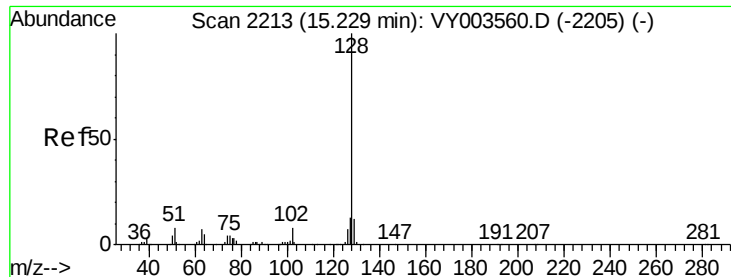
MMDadoda
 11/23/2020 1:39:28 PM



#94
 Hexachlorobutadiene
 Concen: 84.528 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77646		
223	63.0	32.0	96.0	
227	62.3	31.6	94.7	





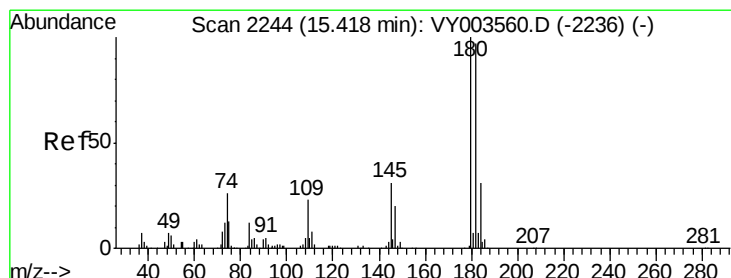
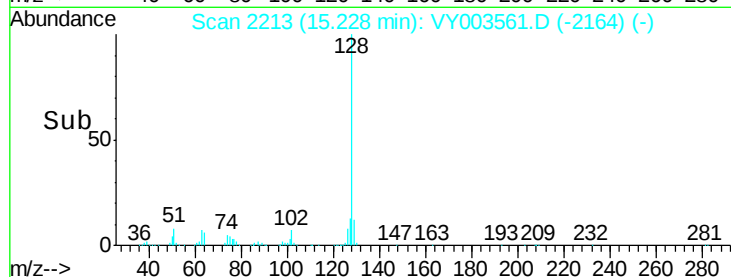
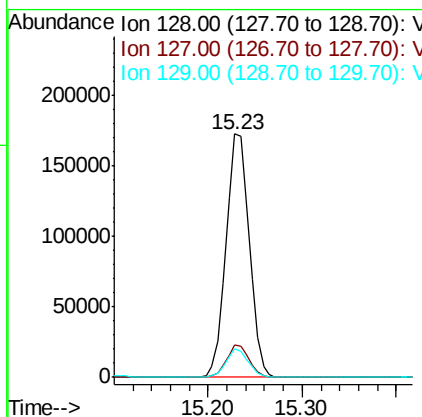
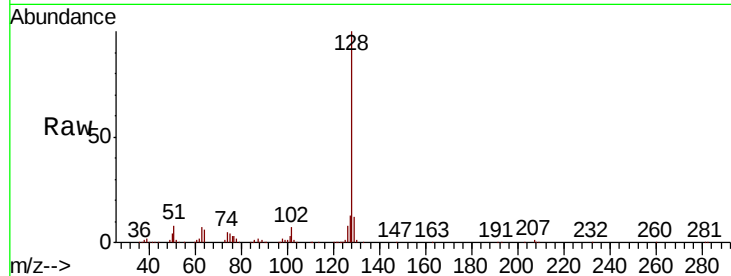
#95
Naphthalene
Concen: 107.194 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.2	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 100.224 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	29.9	15.5	46.5

