

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003581.D
 Acq On : 20 Nov 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:45 PM

Quant Time: Nov 21 03:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	141675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	218404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	73197	49.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.52%
35) Dibromofluoromethane	7.72	113	70305	48.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.94%
50) Toluene-d8	10.17	98	266781	47.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.58%
62) 4-Bromofluorobenzene	12.48	95	89767	50.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.34%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	20109	48.161	ug/l	97
3) Chloromethane	2.11	50	42537	43.281	ug/l	97
4) Vinyl Chloride	2.26	62	60380	47.489	ug/l	96
5) Bromomethane	2.66	94	49022	46.093	ug/l	91
6) Chloroethane	2.80	64	42252	47.387	ug/l	97
7) Trichlorofluoromethane	3.13	101	46316	41.295	ug/l	100
8) Diethyl Ether	3.53	74	41294	50.759	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	60982	47.368	ug/l	99
10) Methyl Iodide	4.09	142	105494	48.257	ug/l	99
11) Tert butyl alcohol	5.00	59	28483	256.180	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	67137	48.129	ug/l	94
13) Acrolein	3.74	56	32940	234.686	ug/l	99
14) Allyl chloride	4.48	41	113152	48.388	ug/l	98
15) Acrylonitrile	5.18	53	96418	251.912	ug/l	99
16) Acetone	3.97	43	85697	174.474	ug/l	95
17) Carbon Disulfide	4.20	76	181016	45.079	ug/l	99
18) Methyl Acetate	4.49	43	55026	51.498	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	107616	51.976	ug/l	98
20) Methylene Chloride	4.72	84	82349	53.911	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	76228	48.874	ug/l	97
22) Diisopropyl ether	6.12	45	210600	52.541	ug/l	98
23) Vinyl Acetate	6.07	43	809925	259.959	ug/l	100
24) 1,1-Dichloroethane	6.02	63	134432	50.389	ug/l	99
25) 2-Butanone	7.00	43	139615	219.059	ug/l	99
26) 2,2-Dichloropropane	6.98	77	74886	42.924	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	84474	49.958	ug/l	99
28) Bromochloromethane	7.34	49	70887	54.279	ug/l	99
29) Tetrahydrofuran	7.35	42	85093	254.857	ug/l	99
30) Chloroform	7.51	83	133256	50.053	ug/l	95
31) Cyclohexane	7.79	56	98049	46.104	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	101987	49.573	ug/l	99
36) 1,1-Dichloropropene	7.92	75	101515	47.213	ug/l	99
37) Ethyl Acetate	7.08	43	61744	47.652	ug/l	98
38) Carbon Tetrachloride	7.90	117	97118	48.758	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	107117	49.021	ug/l	98
40) Benzene	8.16	78	308585	48.413	ug/l	100
41) Methacrylonitrile	7.32	41	34362	44.855	ug/l	92
42) 1,2-Dichloroethane	8.24	62	90490	49.905	ug/l	100
43) Isopropyl Acetate	8.27	43	119899	50.395	ug/l	98
44) Trichloroethene	8.94	130	83599	48.134	ug/l	99
45) 1,2-Dichloropropane	9.22	63	79799	50.505	ug/l	96
46) Dibromomethane	9.30	93	44114	49.027	ug/l	99
47) Bromodichloromethane	9.50	83	107912	50.492	ug/l	100
48) Methyl methacrylate	9.29	41	56171	49.321	ug/l	99
49) 1,4-Dioxane	9.32	88	10779	1045.531	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	304114	266.703	ug/l	100
52) Toluene	10.24	92	194755	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	111253	49.736	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	127427	50.051	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	62467	48.947	ug/l	95
56) Ethyl methacrylate	10.50	69	84687	54.604	ug/l	99
57) 1,3-Dichloropropane	10.79	76	108744	50.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	209034	262.633	ug/l	100
59) 2-Hexanone	10.83	43	223793	238.079	ug/l	98
60) Dibromochloromethane	10.98	129	79519	51.532	ug/l	98
61) 1,2-Dibromoethane	11.09	107	62294	50.651	ug/l	98
64) Tetrachloroethene	10.72	164	70782	46.833	ug/l	98
65) Chlorobenzene	11.51	112	211712	48.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	64898	51.664	ug/l	99
67) Ethyl Benzene	11.59	91	358477	49.974	ug/l	100
68) m/p-Xylenes	11.70	106	274278	99.854	ug/l	98
69) o-Xylene	12.02	106	115496	52.566	ug/l	99
70) Styrene	12.04	104	228478	51.594	ug/l	99
71) Bromoform	12.20	173	51422	50.692	ug/l #	98
73) Isopropylbenzene	12.33	105	254728	50.529	ug/l	100
74) N-amyl acetate	12.14	43	104329	52.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	72048	51.360	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	53861m	54.894	ug/l	
77) Bromobenzene	12.60	156	90360	48.718	ug/l	99
78) n-propylbenzene	12.67	91	357267	50.445	ug/l	100
79) 2-Chlorotoluene	12.75	91	207067	50.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	195199	51.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28951	46.906	ug/l	98
82) 4-Chlorotoluene	12.85	91	243160	48.548	ug/l	100
83) tert-Butylbenzene	13.07	119	188836	49.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	211765	52.491	ug/l	100
85) sec-Butylbenzene	13.25	105	216739	49.926	ug/l	99
86) p-Isopropyltoluene	13.36	119	199916	51.324	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165529	49.028	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	168592	48.728	ug/l	99
89) n-Butylbenzene	13.69	91	215792	51.774	ug/l	99
90) Hexachloroethane	13.95	117	50673	49.199	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	138537	51.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	9791	53.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	79416	52.546	ug/l	100
94) Hexachlorobutadiene	15.11	225	38907	46.154	ug/l	98
95) Naphthalene	15.23	128	144198	55.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	60736	54.667	ug/l	98

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

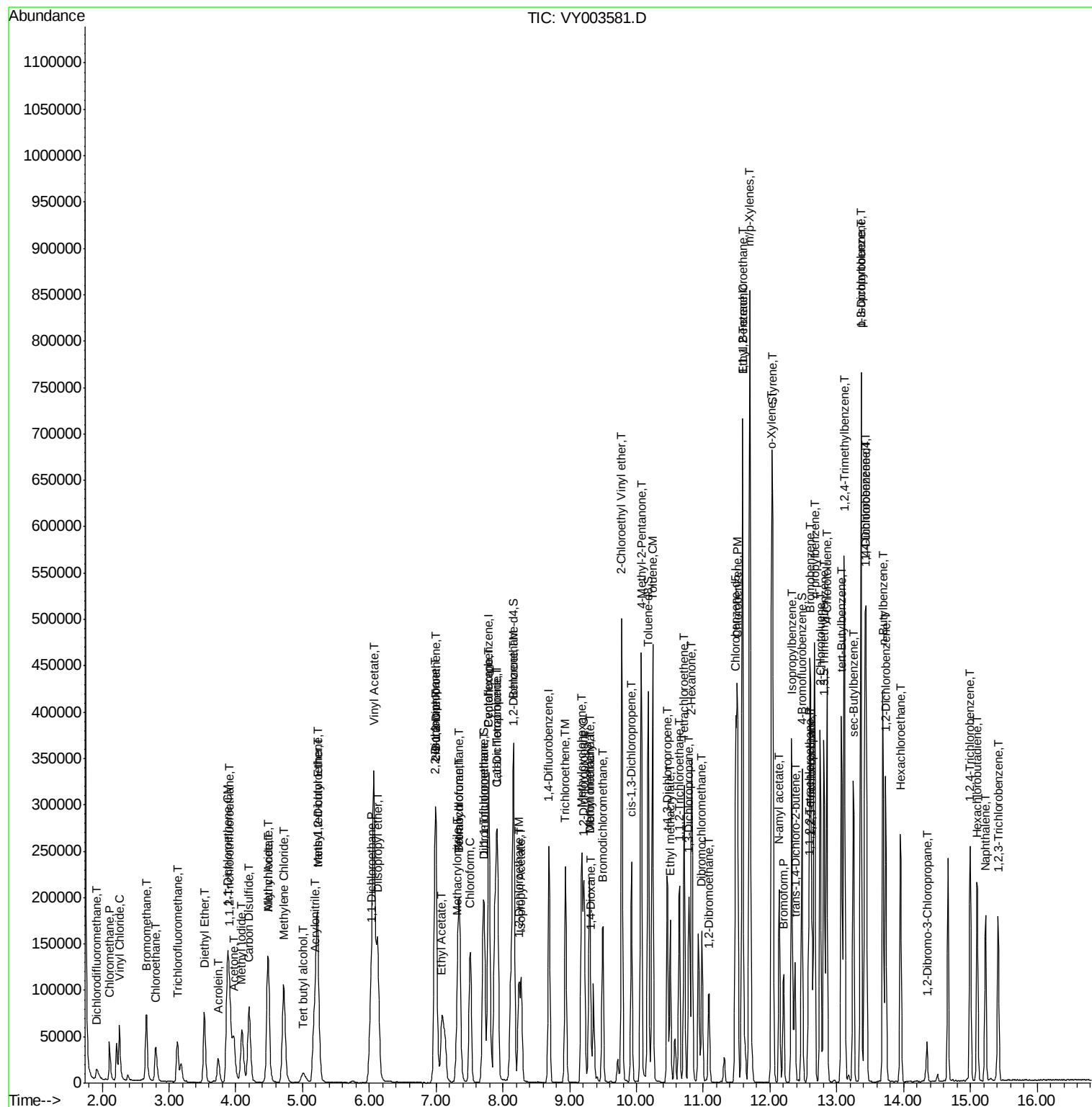
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
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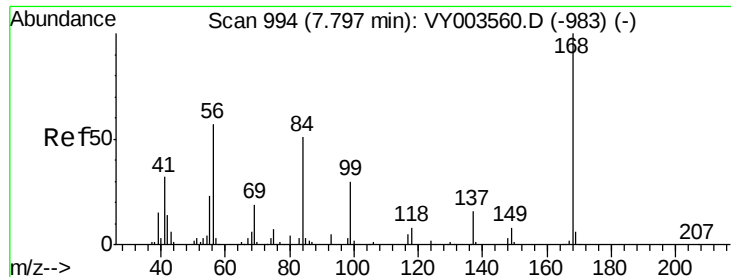
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 141675

Ion Ratio Lower Upper

168 100

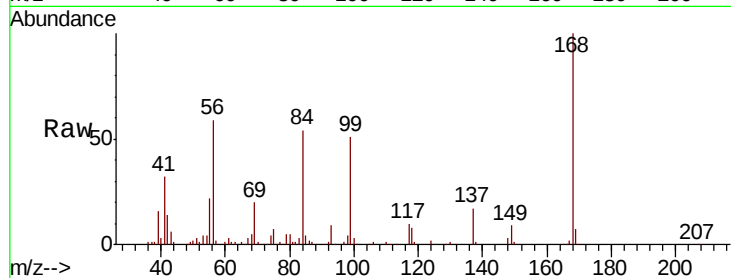
99 50.1 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.79

60000

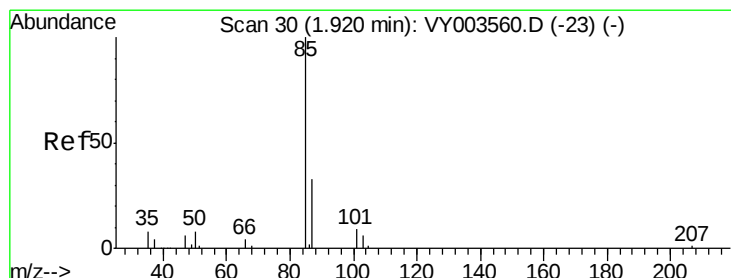
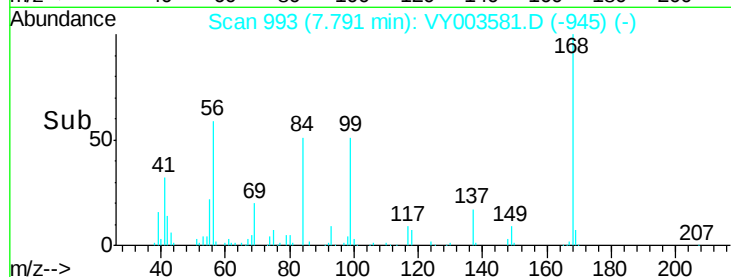
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.161 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003581.D

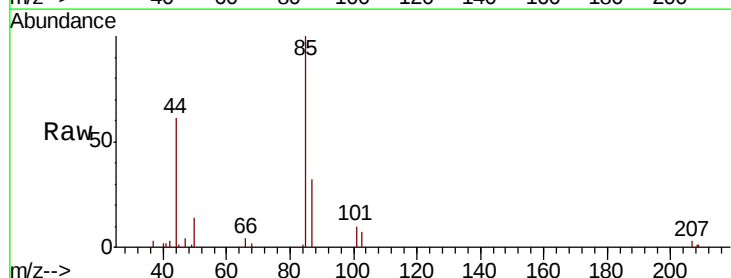
Acq: 20 Nov 2020 20:15

Tgt Ion: 85 Resp: 20109

Ion Ratio Lower Upper

85 100

87 31.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003560.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY003560.D (-23) (-)

1.92

6000

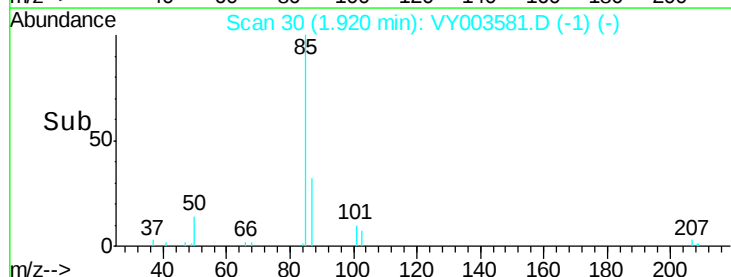
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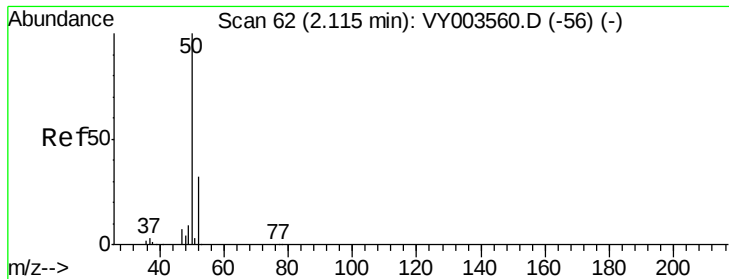
2000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 43.281 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 42537

Ion Ratio Lower Upper

50 100

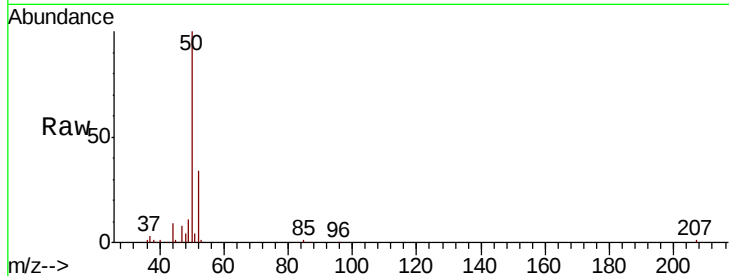
52 33.6 25.8 38.6

Manual Integrations

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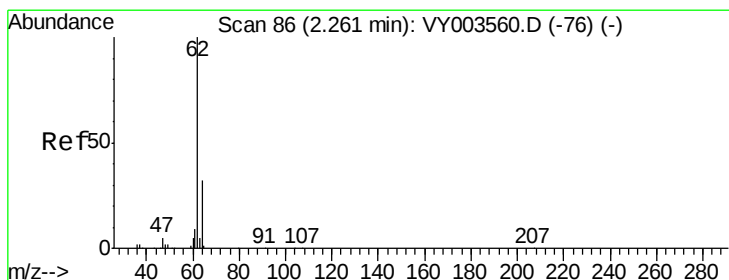
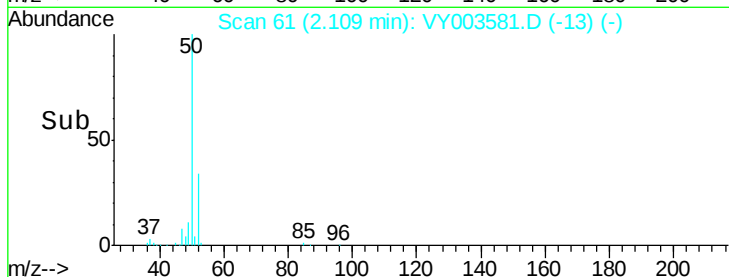
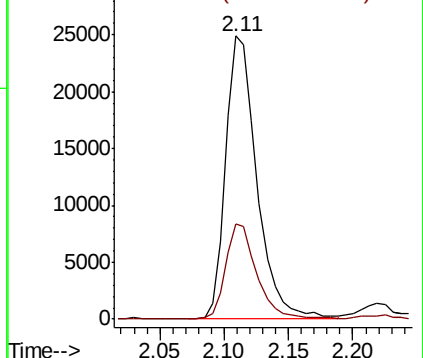
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.489 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003581.D

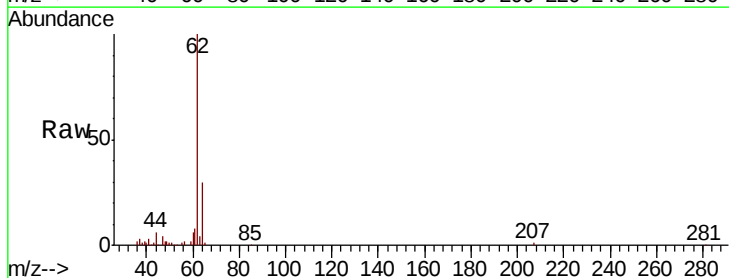
Acq: 20 Nov 2020 20:15

Tgt Ion: 62 Resp: 60380

Ion Ratio Lower Upper

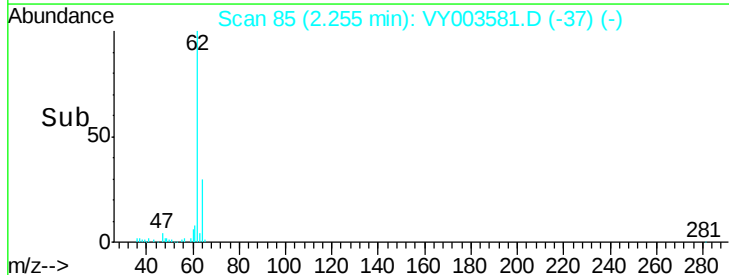
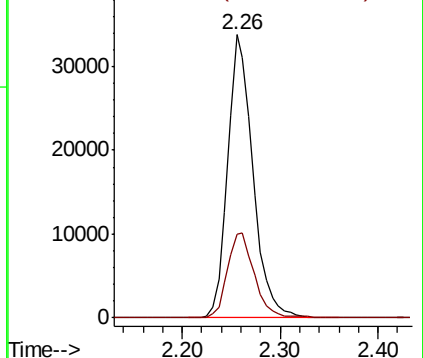
62 100

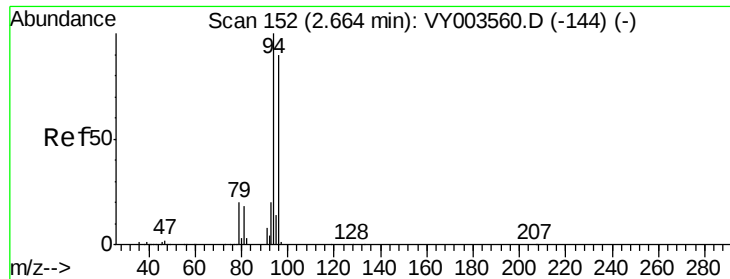
64 29.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.093 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 49022

Ion Ratio Lower Upper

94 100

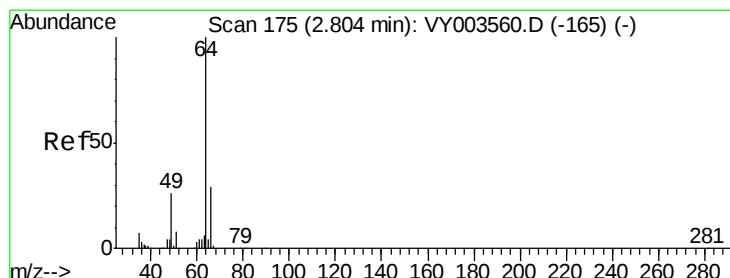
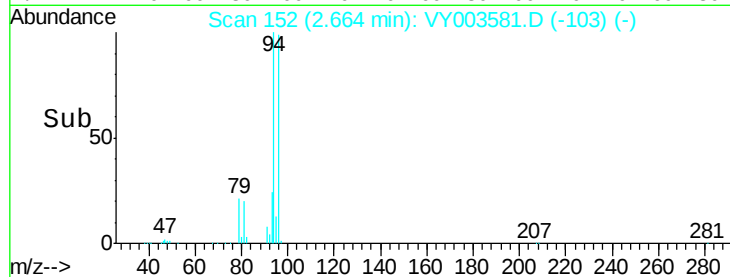
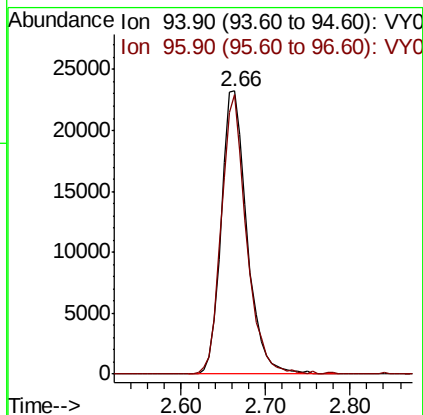
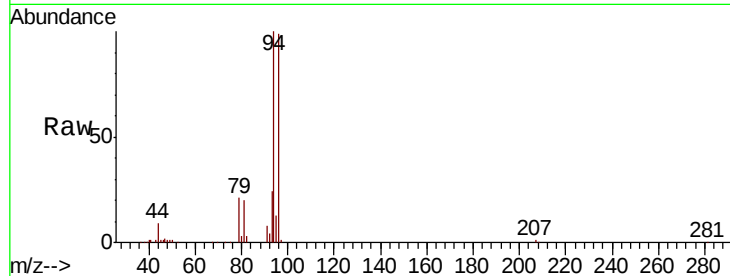
96 98.6 71.9 107.9

Manual Integrations

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#6

Chloroethane

Concen: 47.387 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003581.D

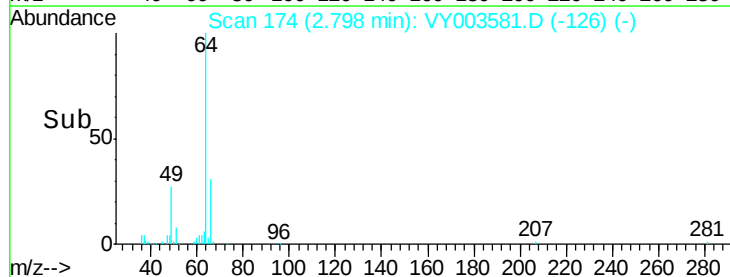
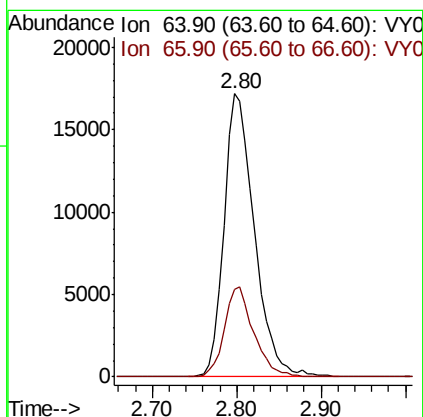
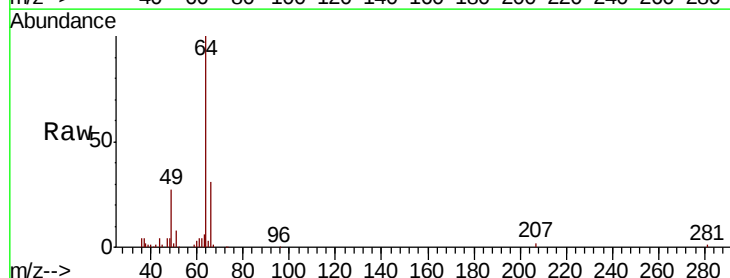
Acq: 20 Nov 2020 20:15

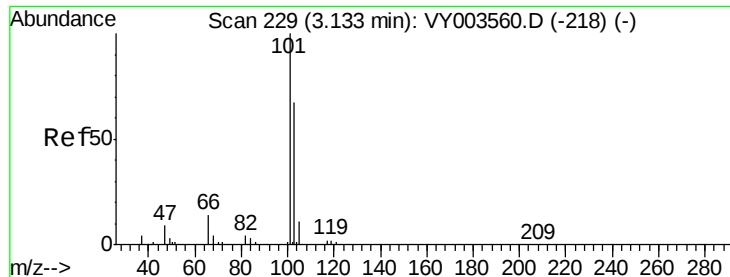
Tgt Ion: 64 Resp: 42252

Ion Ratio Lower Upper

64 100

66 31.0 23.6 35.4





#7

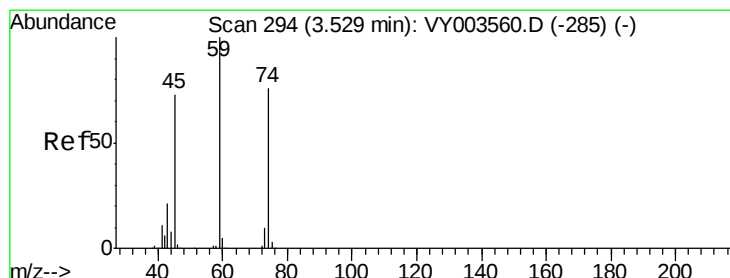
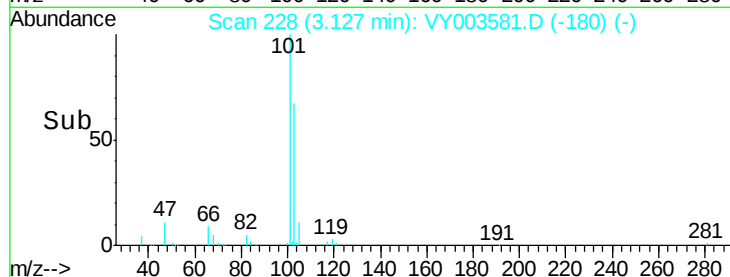
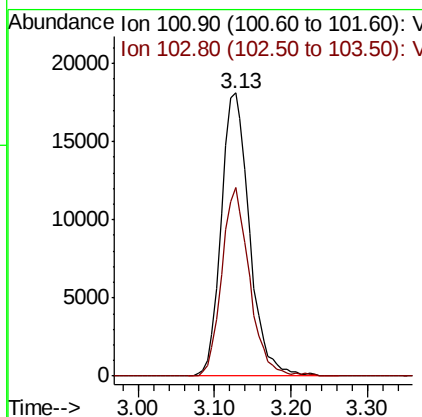
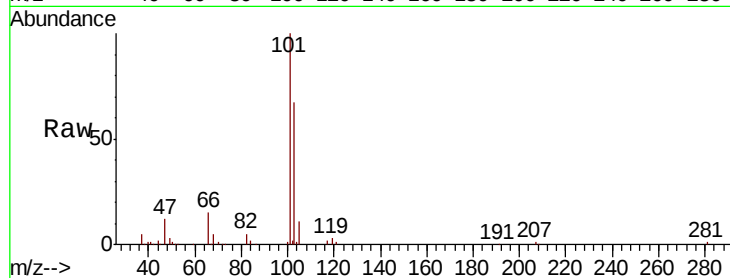
Trichlorofluoromethane
Concen: 41.295 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		46316		
103	66.6	53.3	79.9		

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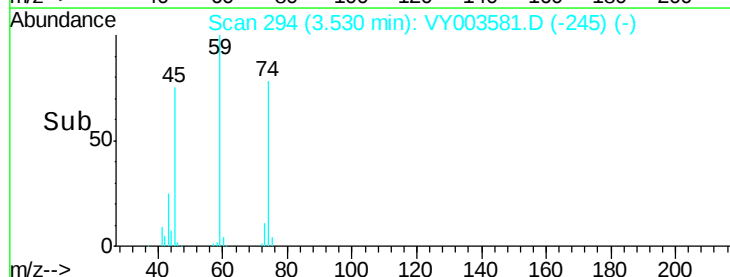
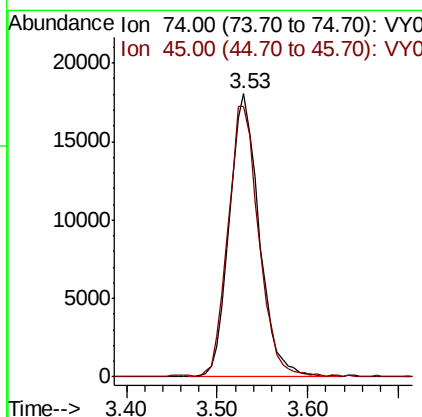
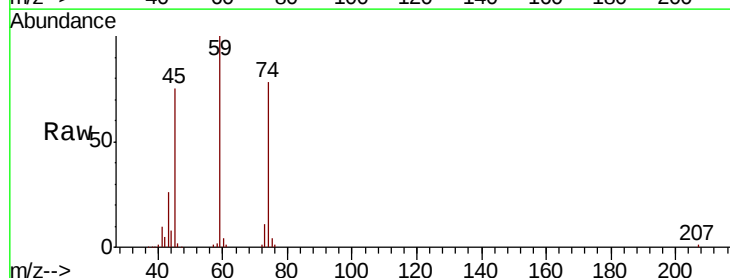
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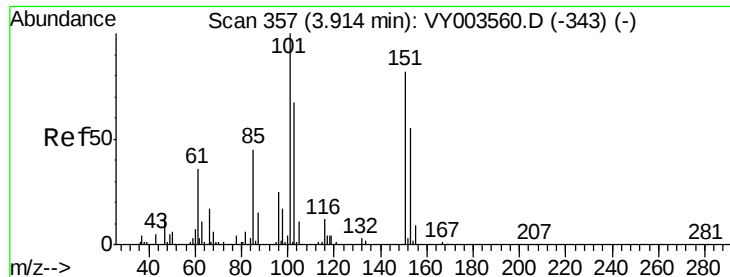


#8

Diethyl Ether
Concen: 50.759 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		41294		
45	99.0	51.0	153.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.368 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

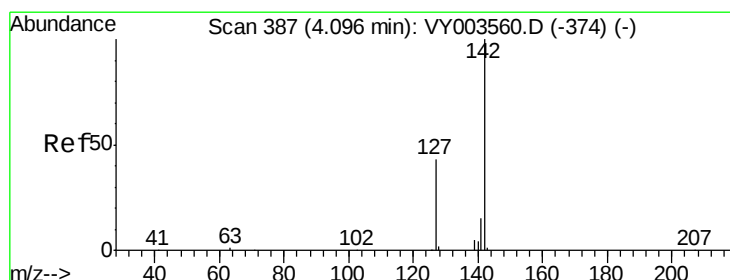
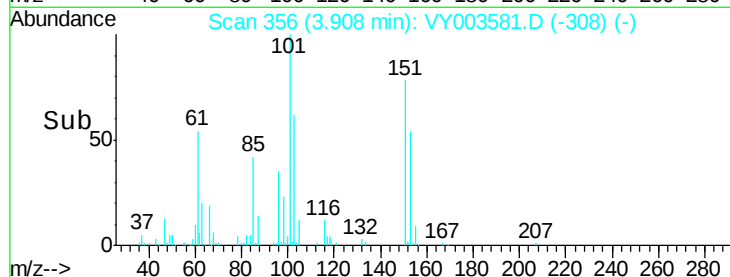
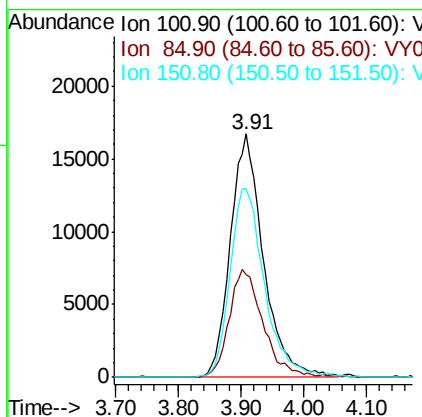
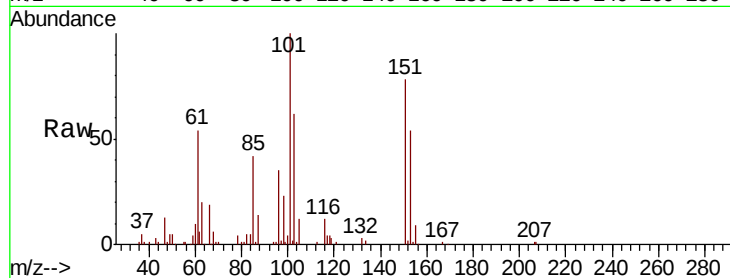
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	60982
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.9	53.9
151	80.4	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 48.257 ug/l

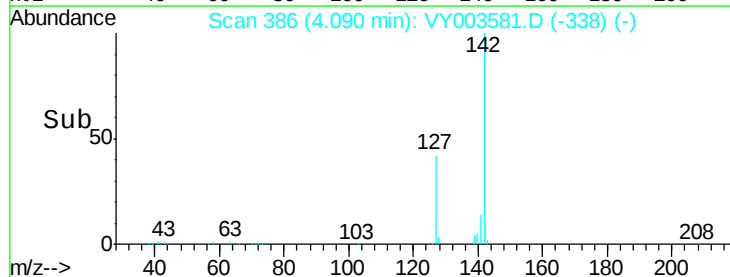
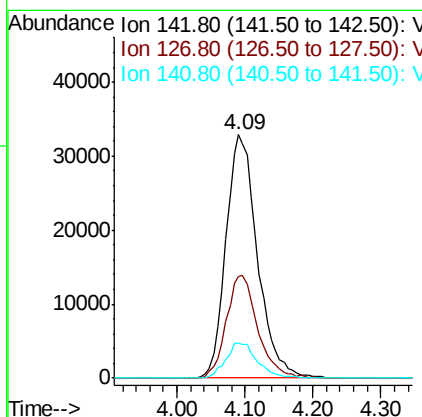
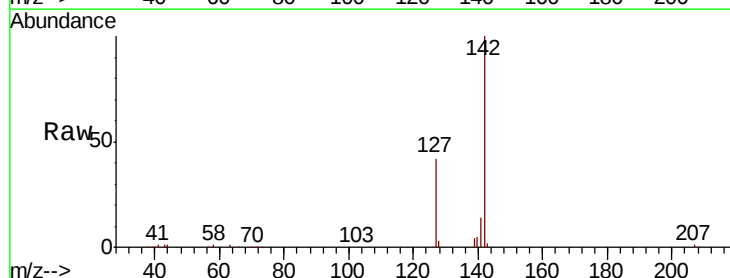
RT: 4.09 min Scan# 386

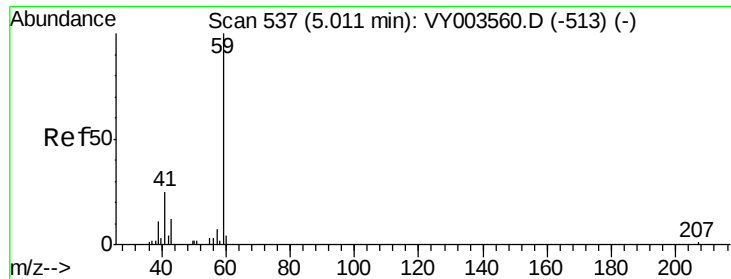
Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	142	Resp:	105494
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.2	51.2
141	14.3	11.5	17.3





#11

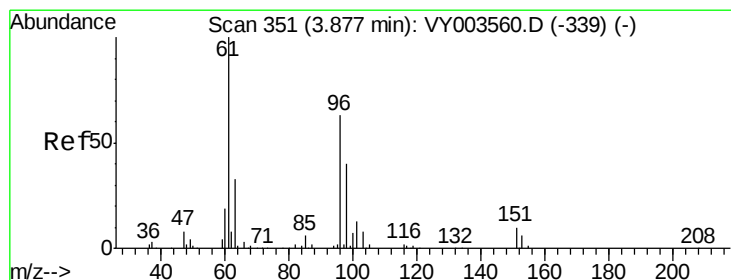
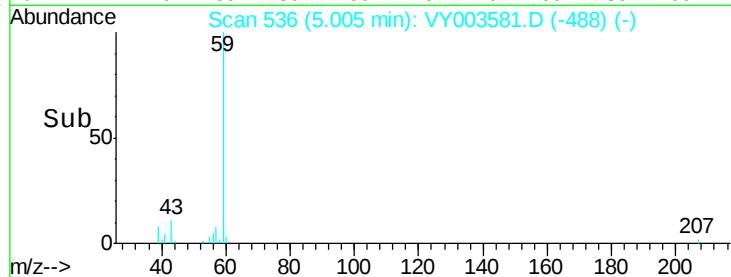
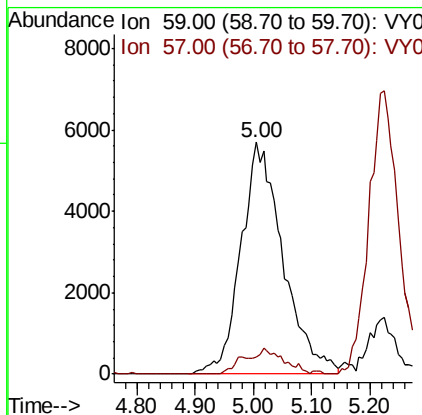
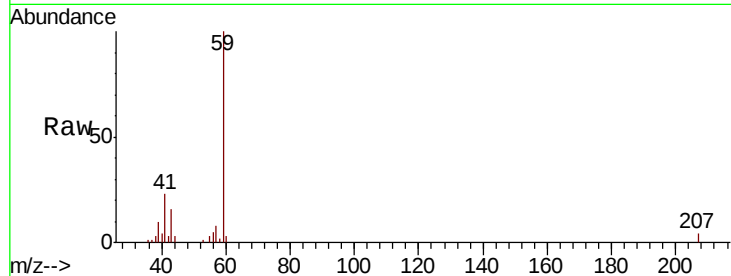
Tert butyl alcohol
Concen: 256.180 ug/l
RT: 5.00 min Scan# 536
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	28483		
57	6.9	0.0	0.0	0.0

Manual Integrations
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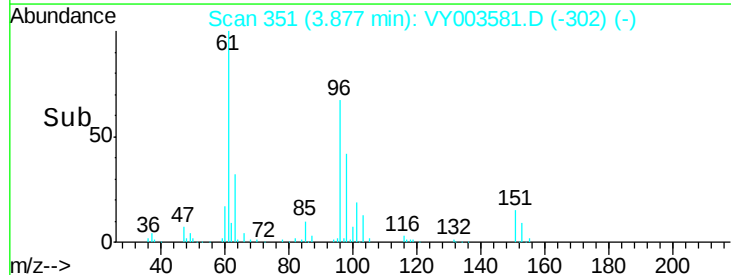
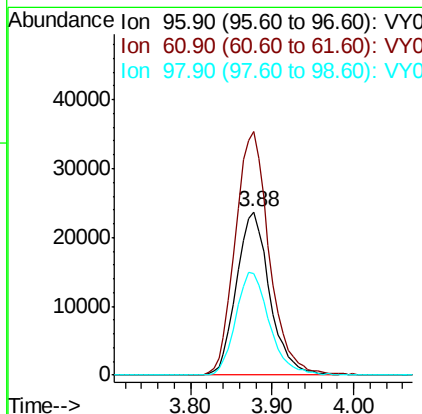
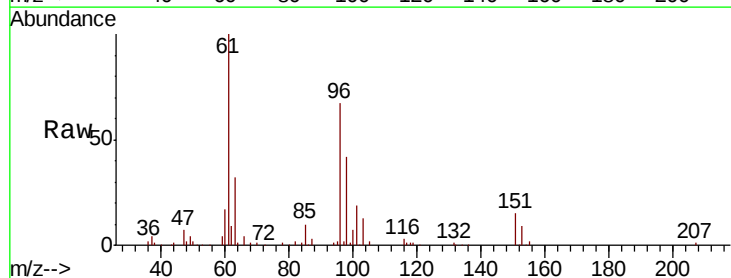
MMDadoda
11/23/2020 1:39:45 PM

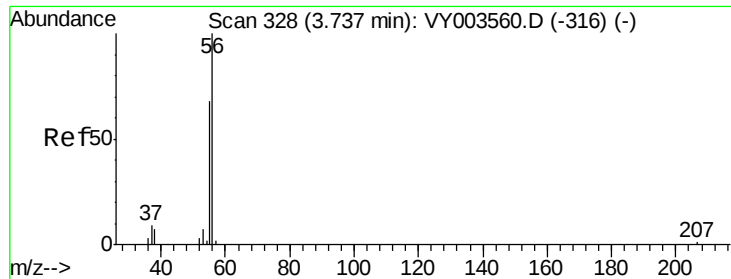


#12

1,1-Dichloroethene
Concen: 48.129 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	67137		
61	149.2	127.3	190.9	
98	62.5	50.6	76.0	





#13

Acrolein

Concen: 234.686 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 32940

Ion Ratio Lower Upper

56 100

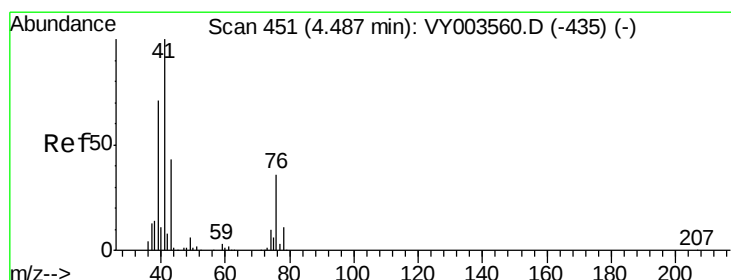
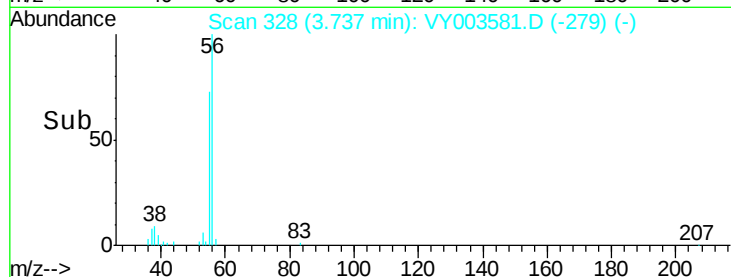
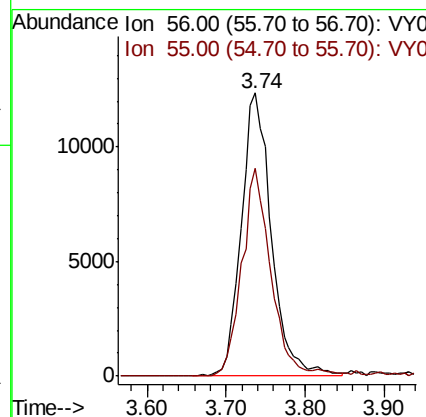
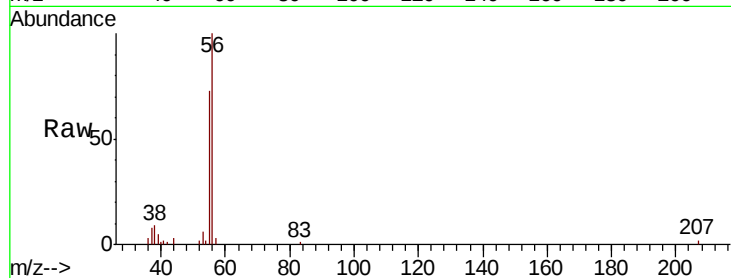
55 69.0 54.6 81.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.388 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

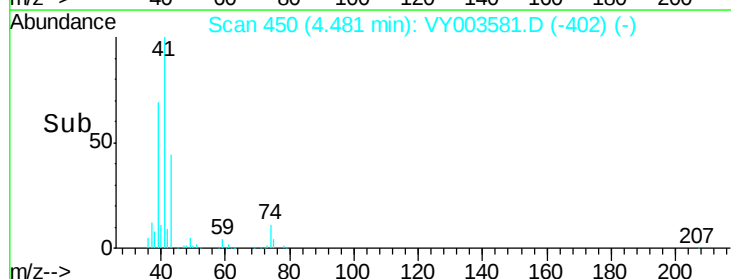
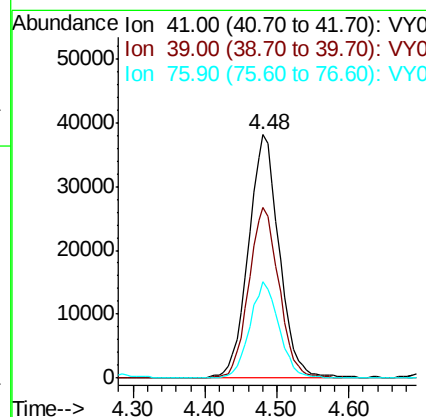
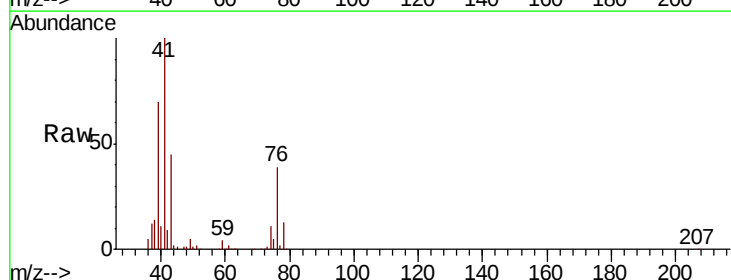
Tgt Ion: 41 Resp: 113152

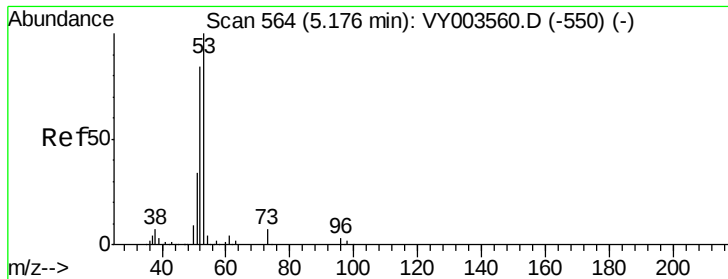
Ion Ratio Lower Upper

41 100

39 68.8 54.2 81.2

76 37.5 28.9 43.3





#15

Acrylonitrile

Concen: 251.912 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

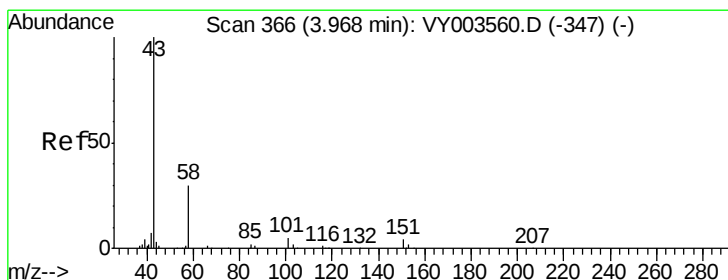
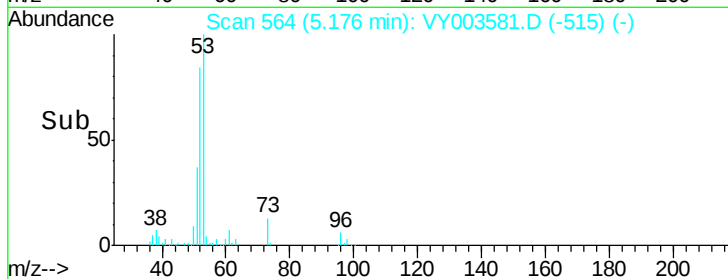
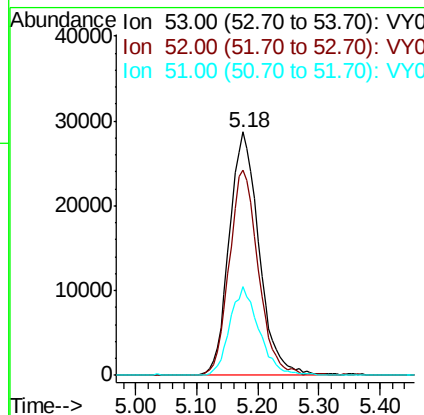
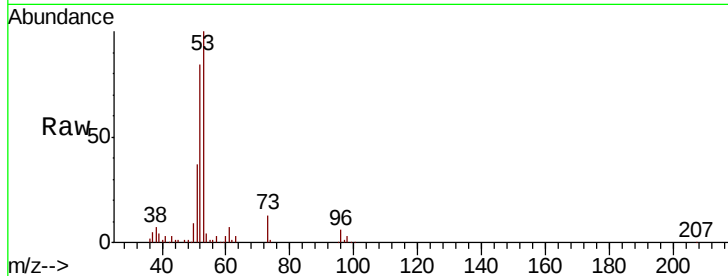
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	96418
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.4	99.6
51	35.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 174.474 ug/l

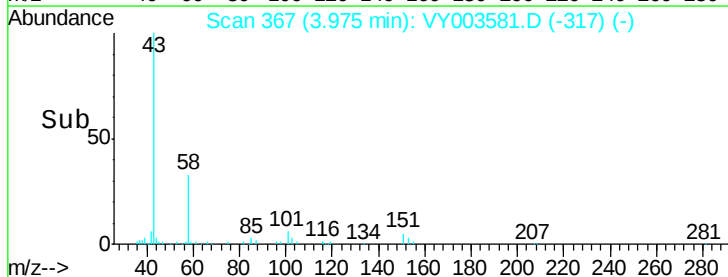
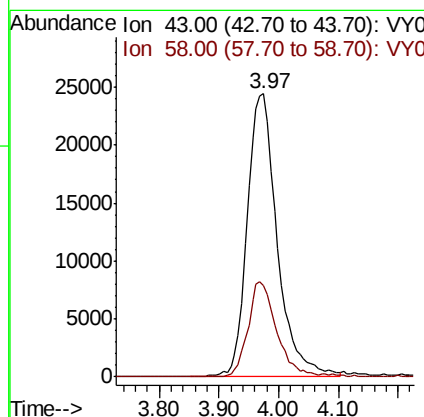
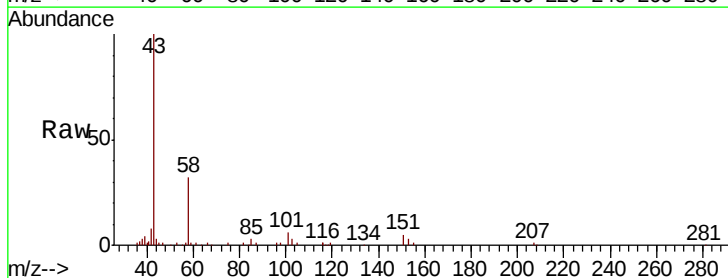
RT: 3.97 min Scan# 367

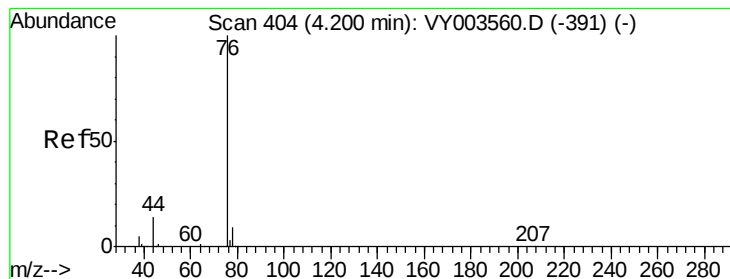
Delta R.T. 0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	43	Resp:	85697
Ion Ratio	Lower	Upper	
43	100		
58	32.5	23.8	35.8





#17

Carbon Disulfide

Concen: 45.079 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 181016

Ion Ratio Lower Upper

76 100

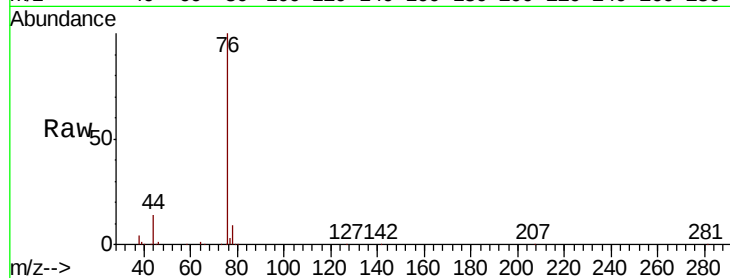
78 9.3 7.1 10.7

Manual Integrations

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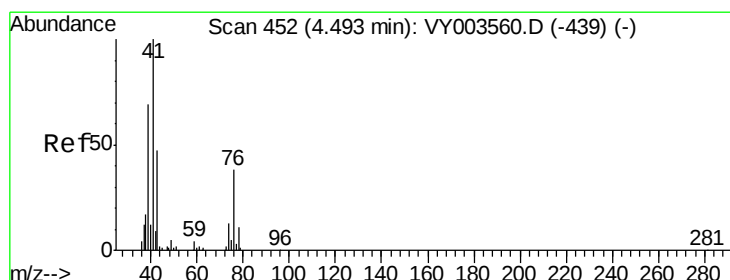
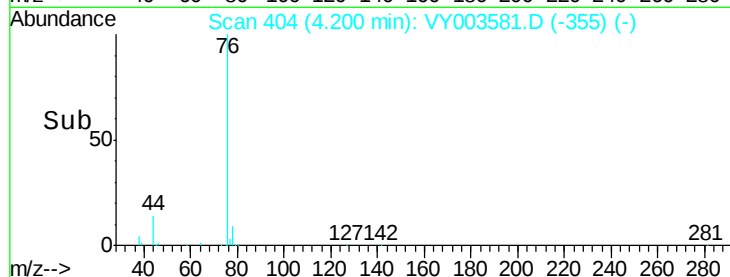
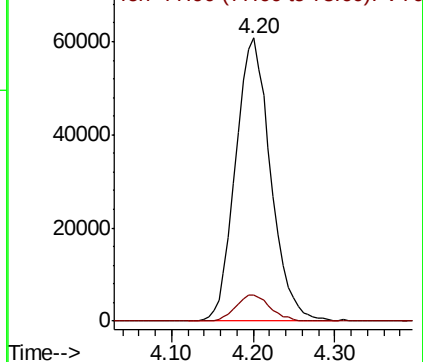
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 51.498 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003581.D

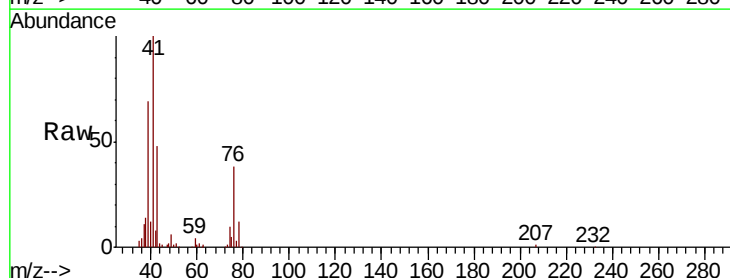
Acq: 20 Nov 2020 20:15

Tgt Ion: 43 Resp: 55026

Ion Ratio Lower Upper

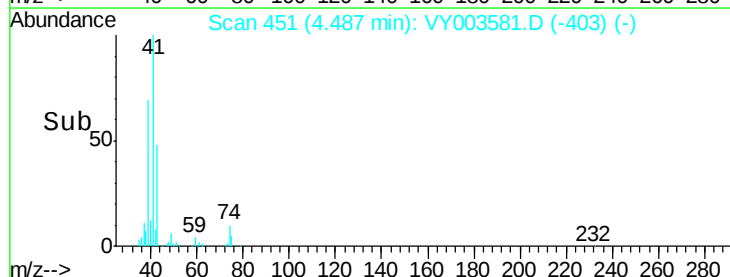
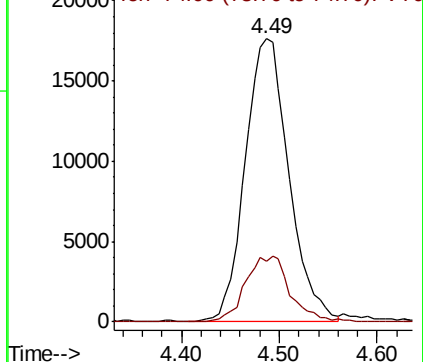
43 100

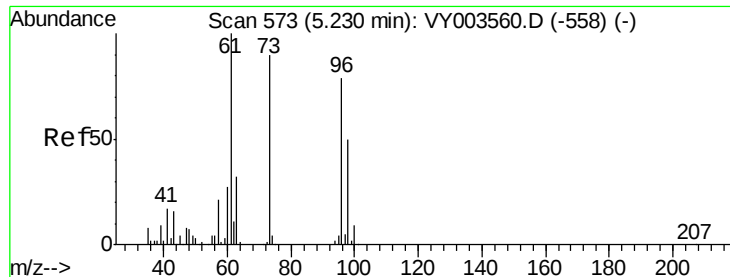
74 23.5 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





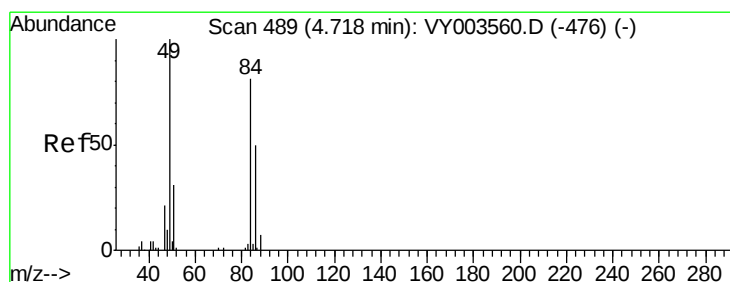
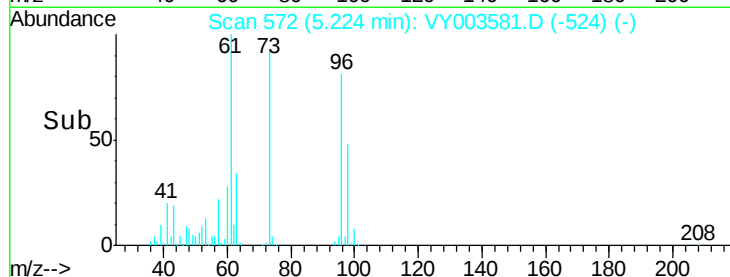
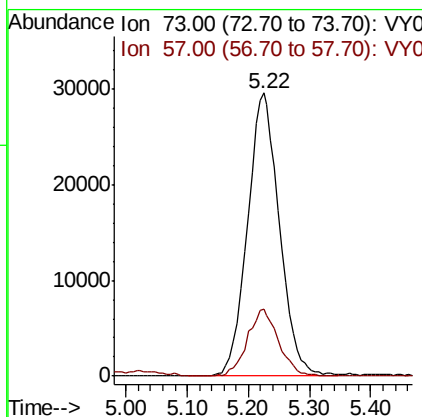
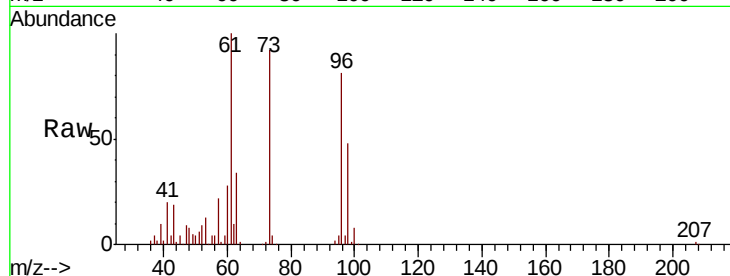
#19
Methvl tert-butvl Ether
Concen: 51.976 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.2	27.2

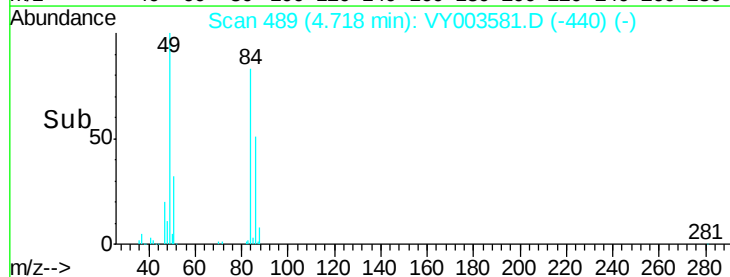
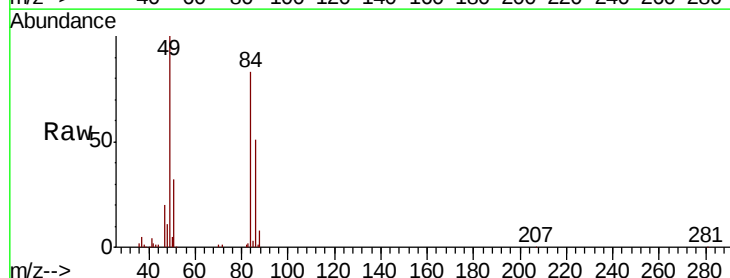
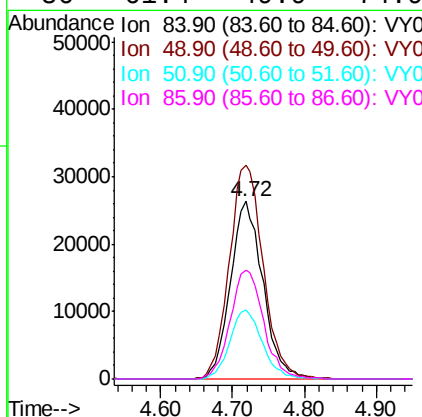
Manual Integrations
APPROVED

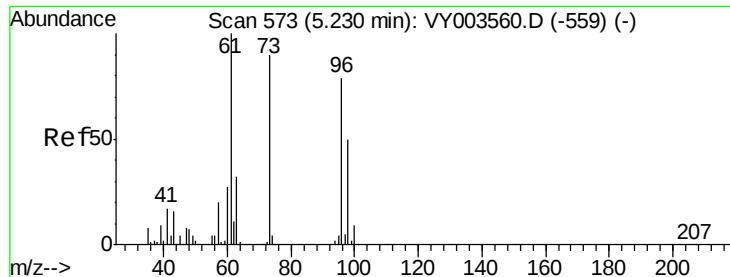
MMDadoda
11/23/2020 1:39:45 PM



#20
Methylene Chloride
Concen: 53.911 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	99.0	148.6
51	38.6	30.5	45.7
86	61.4	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 48.874 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 76228

Ion Ratio Lower Upper

96 100

61 123.5 101.0 151.4

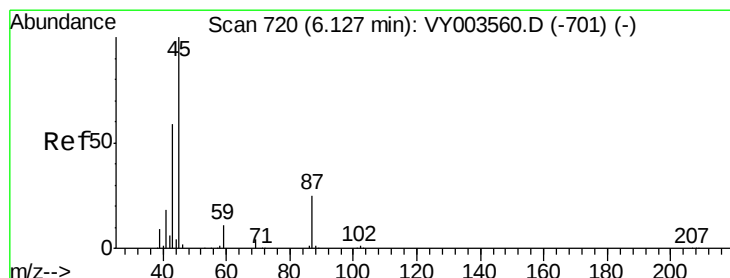
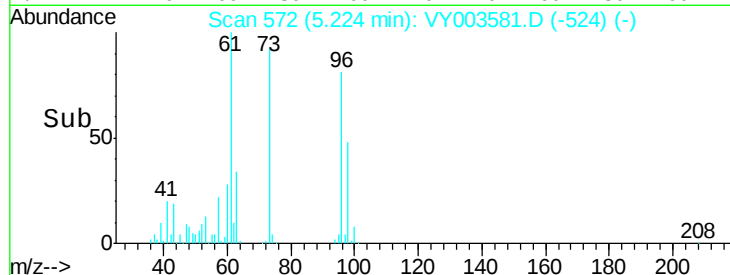
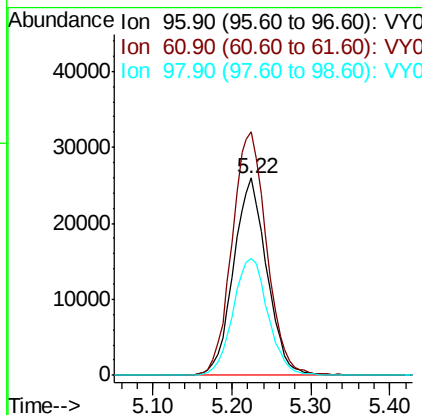
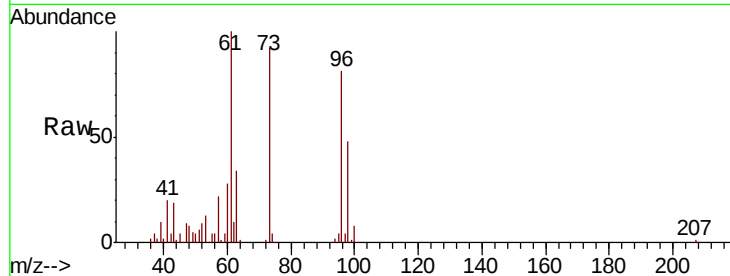
98 59.4 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 52.541 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion: 45 Resp: 210600

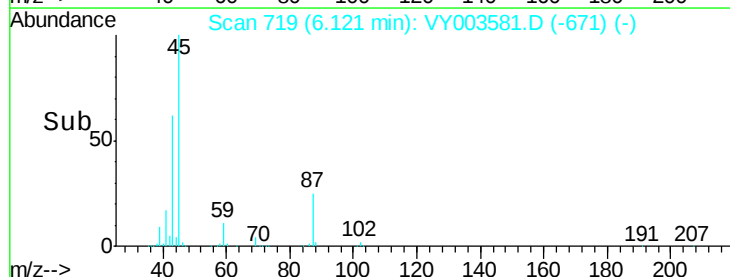
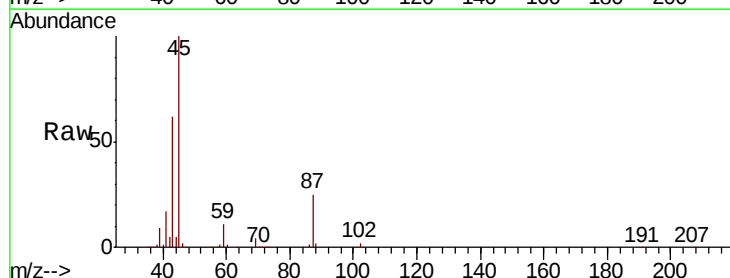
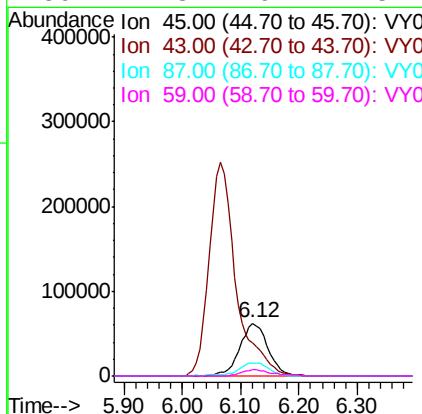
Ion Ratio Lower Upper

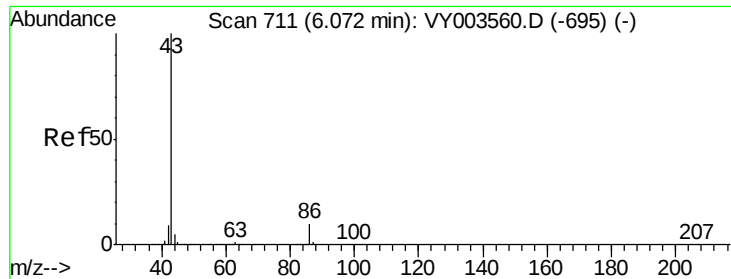
45 100

43 61.7 48.1 72.1

87 24.3 20.3 30.5

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 259.959 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 809925

Ion Ratio Lower Upper

43 100

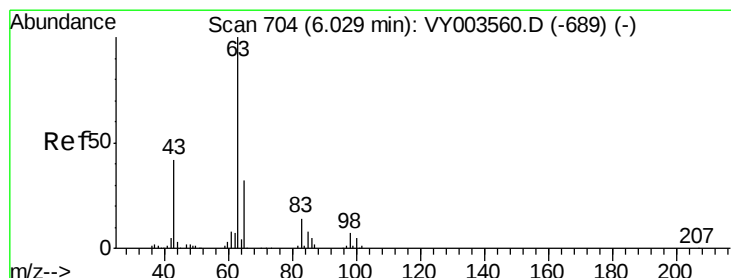
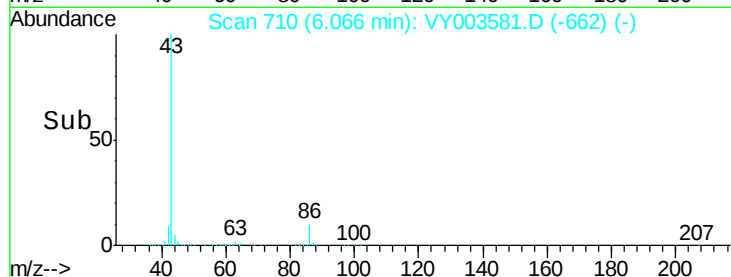
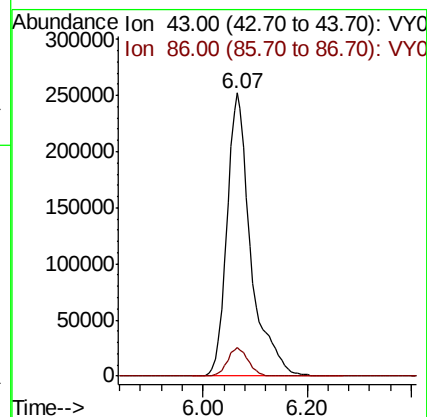
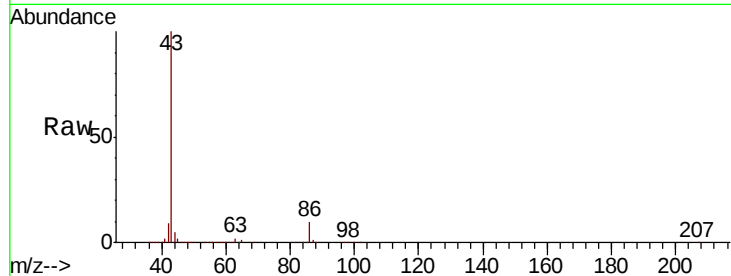
86 10.2 8.0 12.0

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:39:45 PM



#24

1,1-Dichloroethane

Concen: 50.389 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

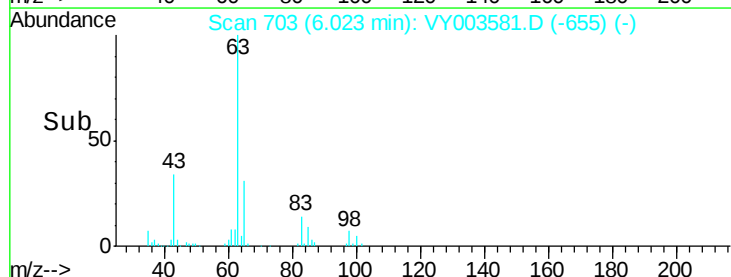
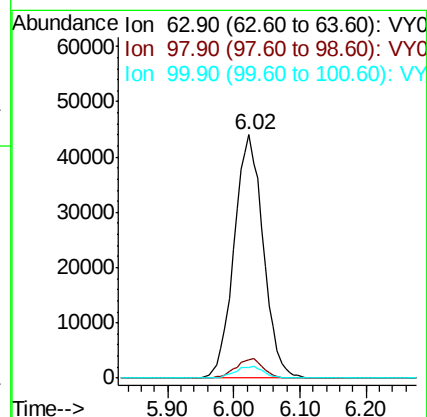
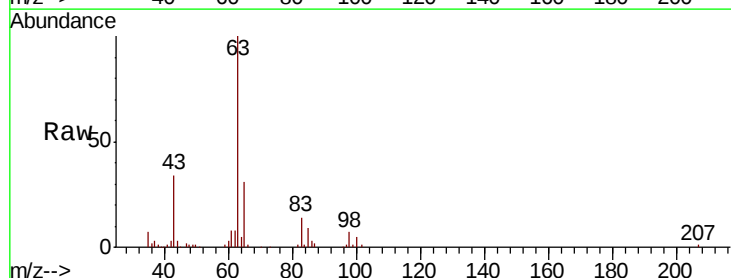
Tgt Ion: 63 Resp: 134432

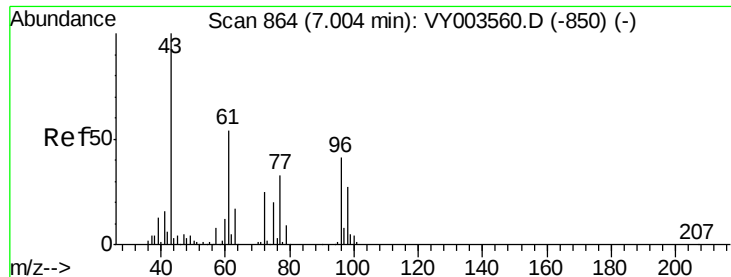
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 219.059 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 139615

Ion Ratio Lower Upper

43 100

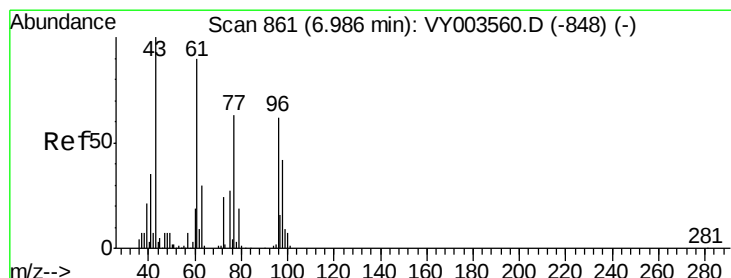
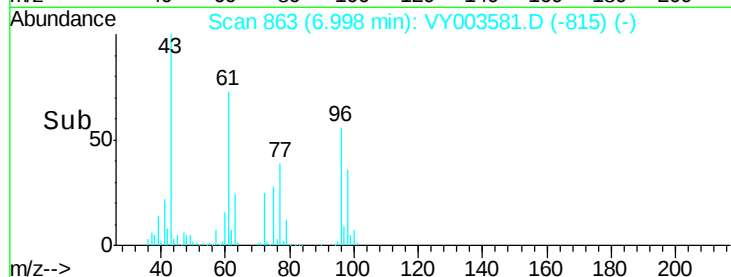
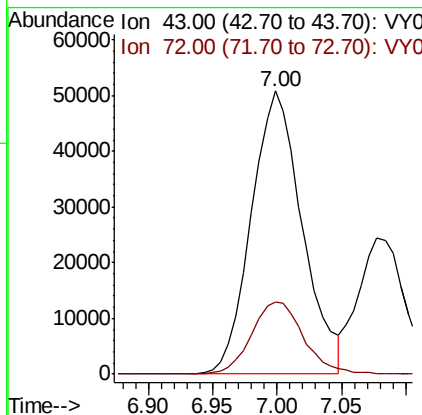
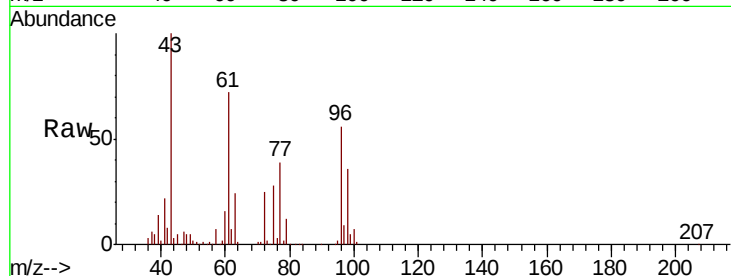
72 25.4 19.8 29.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.924 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.01 min

Lab File: VY003581.D

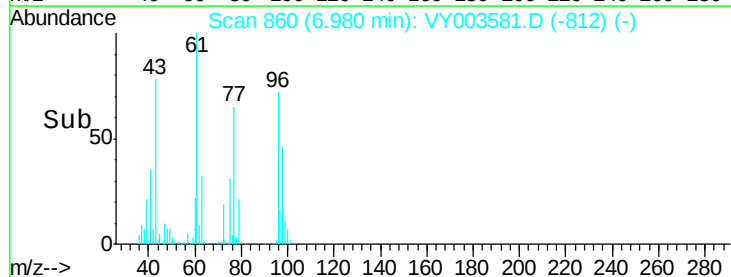
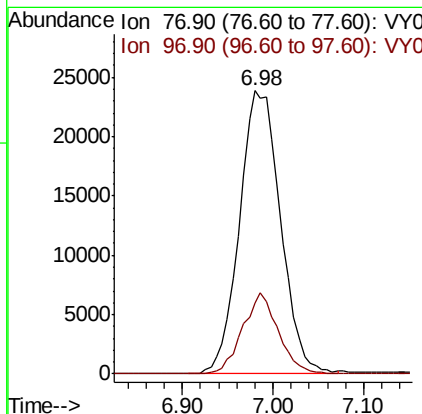
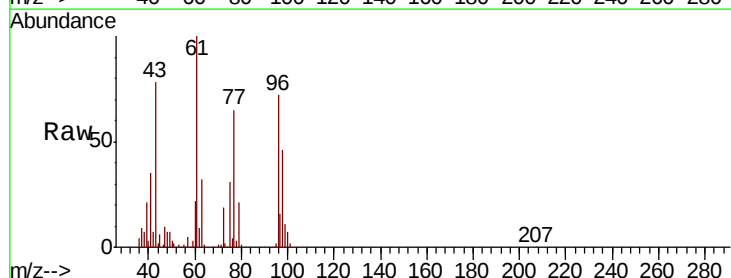
Acq: 20 Nov 2020 20:15

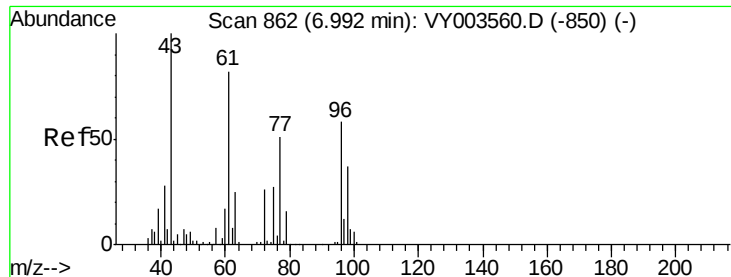
Tgt Ion: 77 Resp: 74886

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6





#27

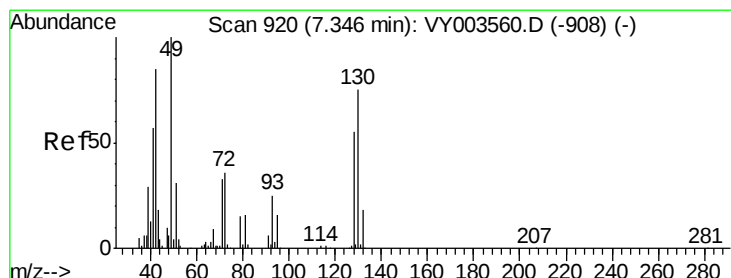
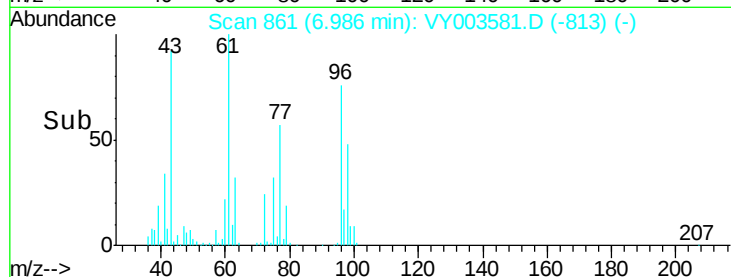
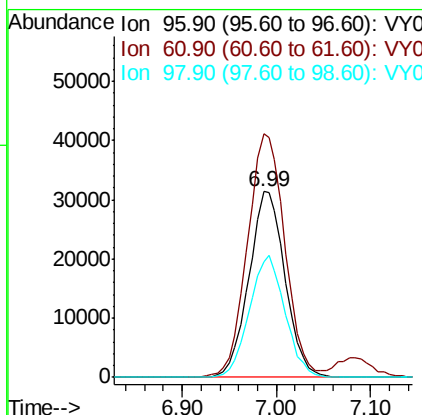
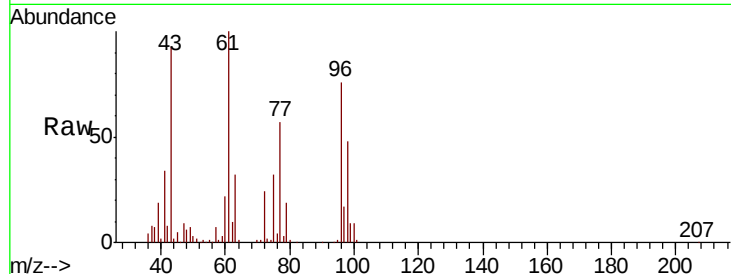
cis-1,2-Dichloroethene
Concen: 49.958 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	274.6
98	64.7	0.0	130.6

Manual Integrations
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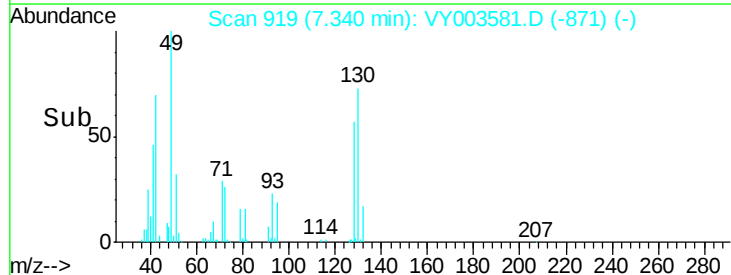
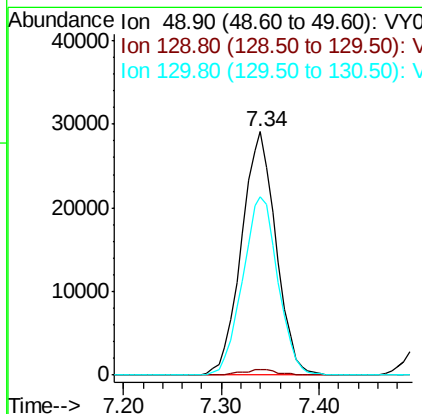
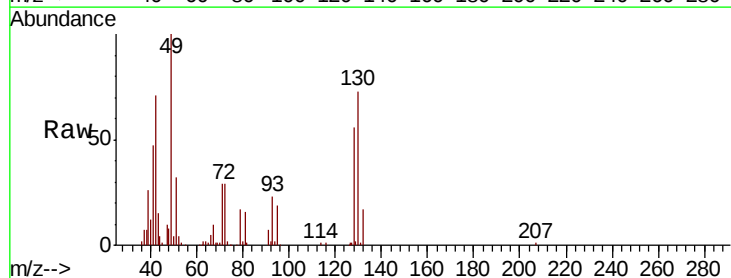
MMDadoda
11/23/2020 1:39:45 PM

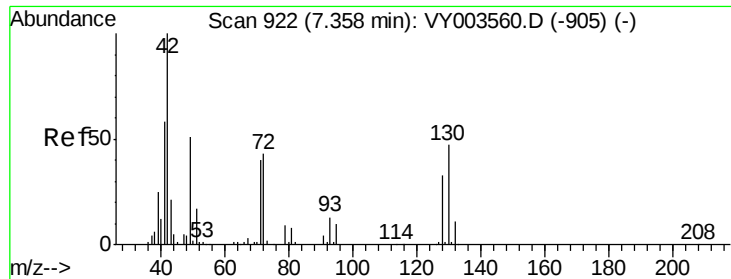


#28

Bromochloromethane
Concen: 54.279 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	75.1	61.0	91.6





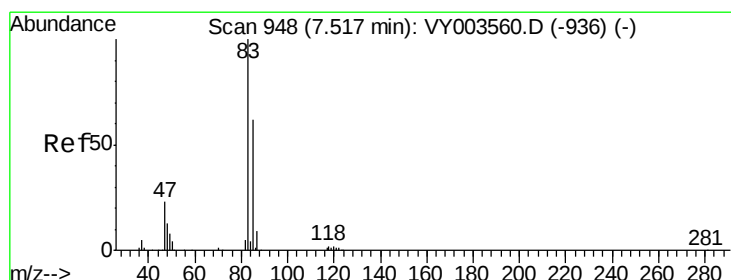
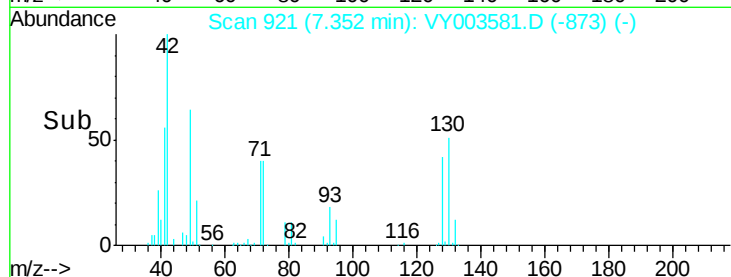
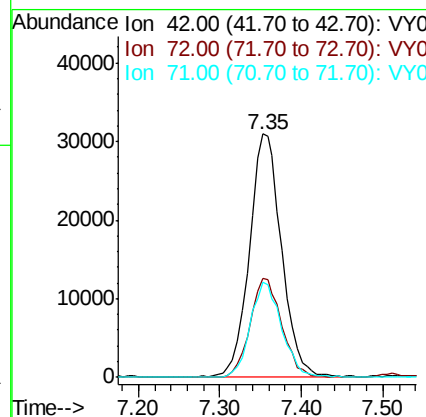
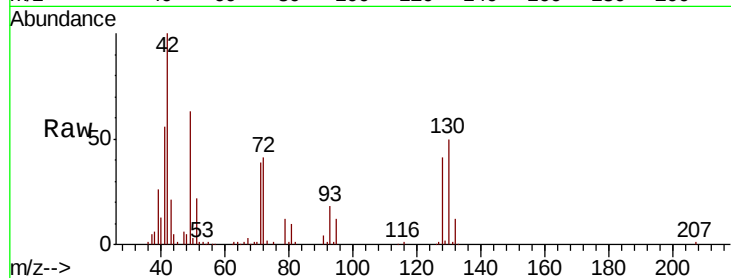
#29
Tetrahydrofuran
Concen: 254.857 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.6	49.0
71	38.1	30.2	45.2

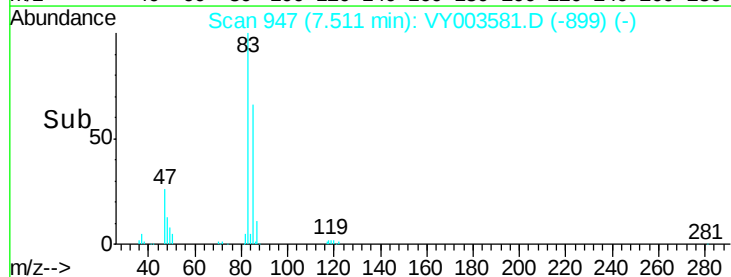
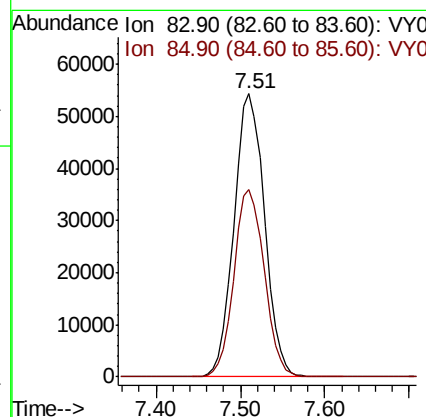
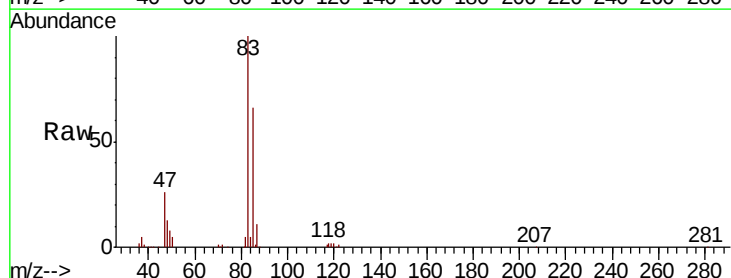
Manual Integrations
APPROVED

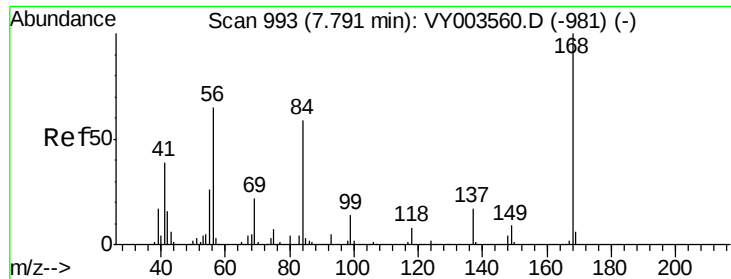
MMDadoda
11/23/2020 1:39:45 PM



#30
Chloroform
Concen: 50.053 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.6	74.4





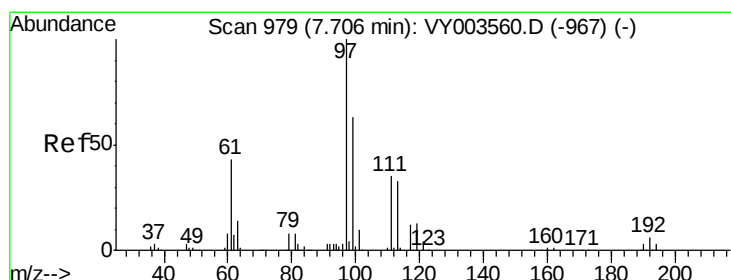
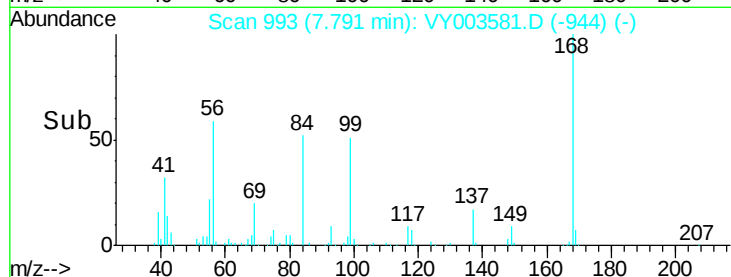
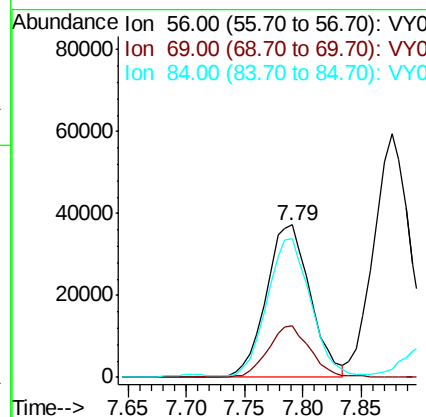
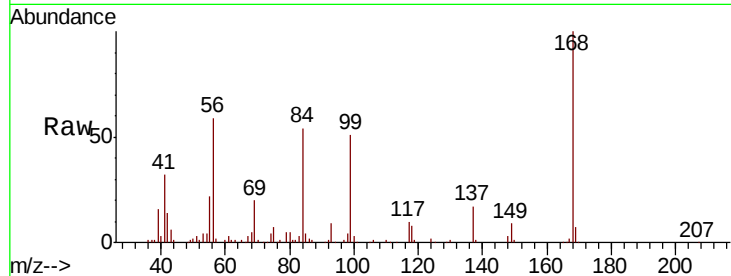
#31
Cyclohexane
Concen: 46.104 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	88.3	71.8	107.6

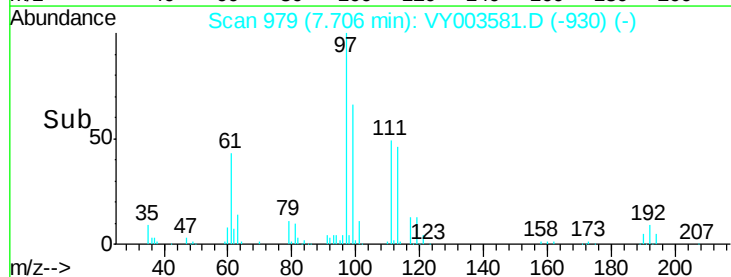
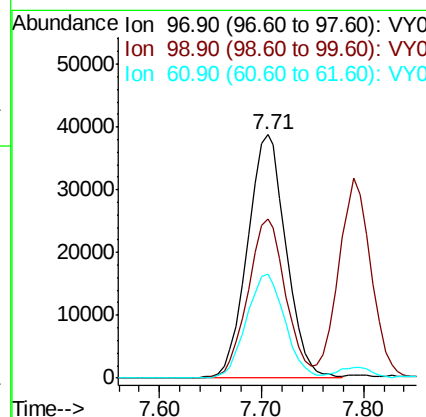
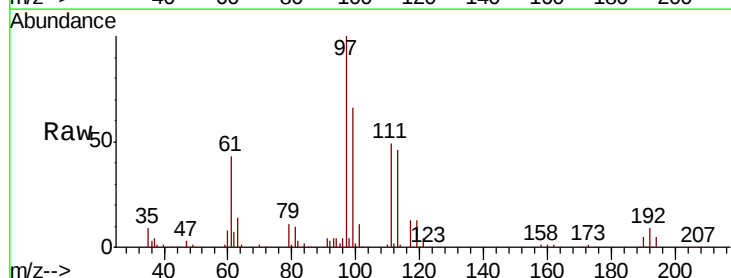
Manual Integrations
APPROVED

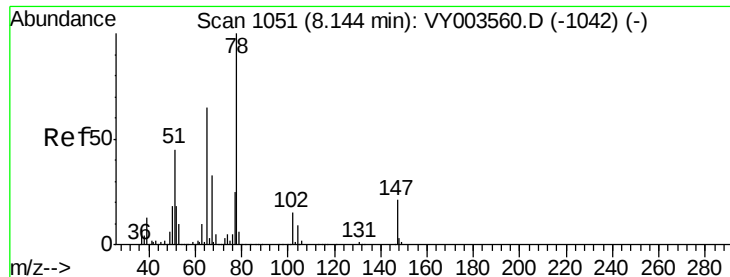
MMDadoda
11/23/2020 1:39:45 PM



#32
1,1,1-Trichloroethane
Concen: 49.573 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.2	75.2
61	42.8	34.1	51.1





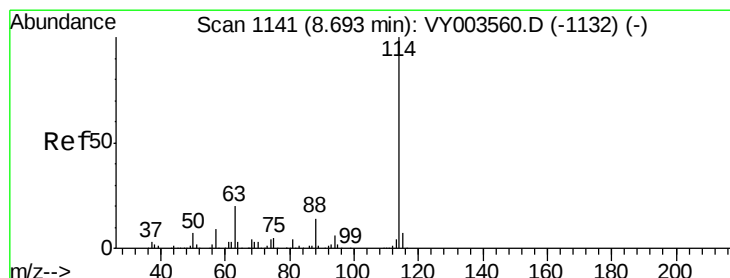
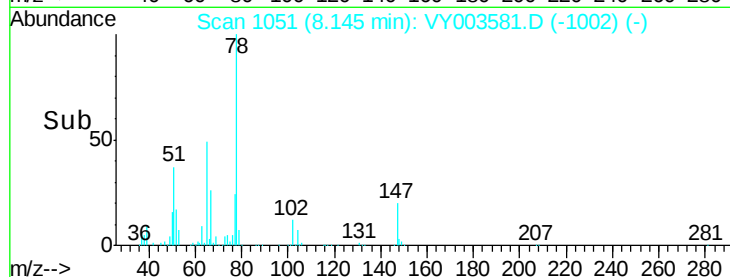
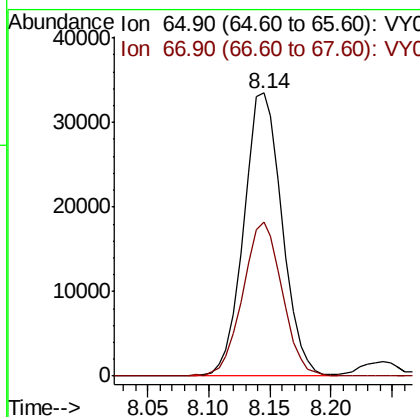
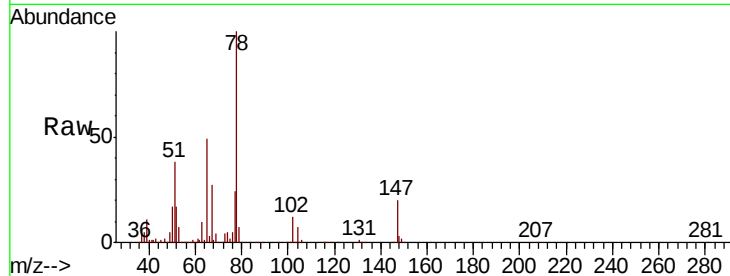
#33
 1,2-Dichloroethane-d4
 Concen: 49.758 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	110.2

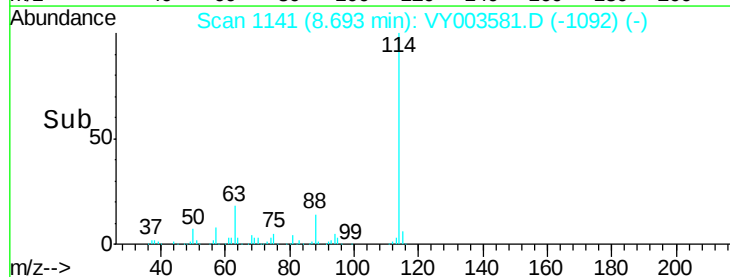
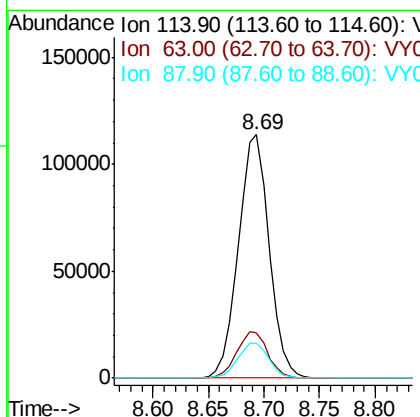
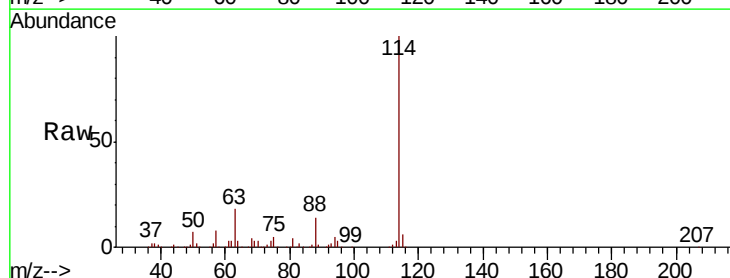
Manual Integrations
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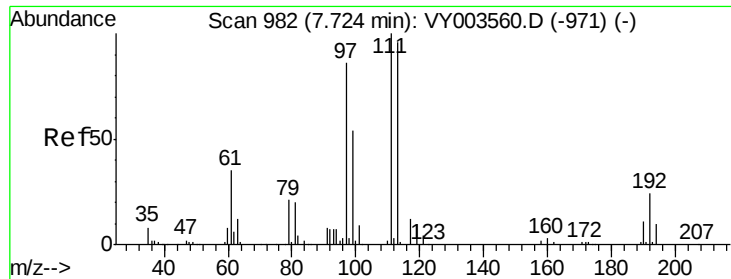
MMDadoda
 11/23/2020 1:39:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.8
88	14.2	0.0	29.0





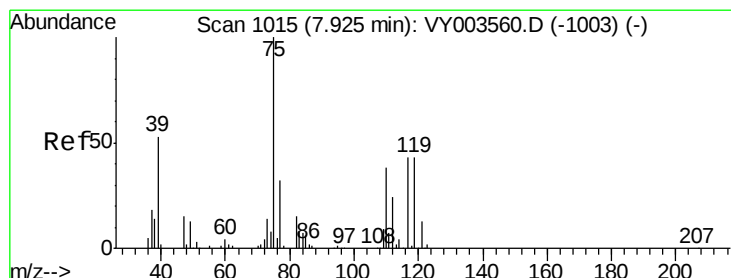
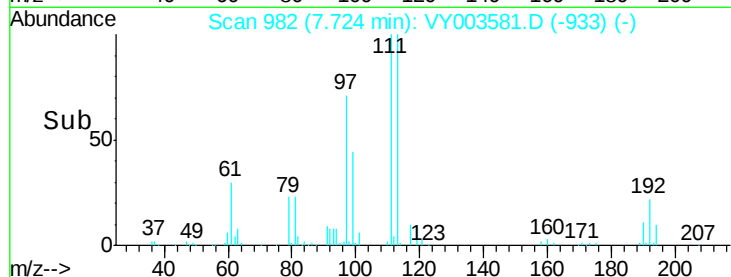
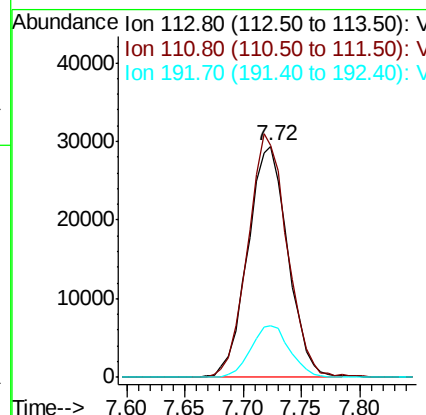
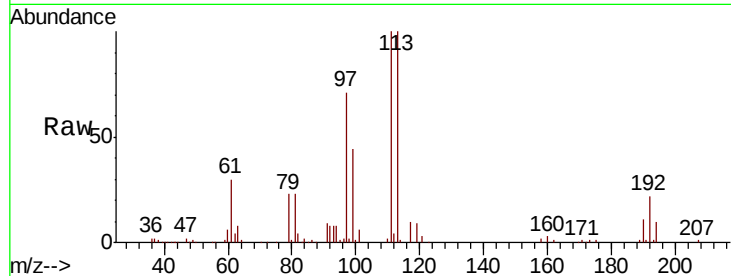
#35
 Dibromofluoromethane
 Concen: 48.971 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	70305		
111	103.6		81.4	122.0
192	21.8		18.1	27.1

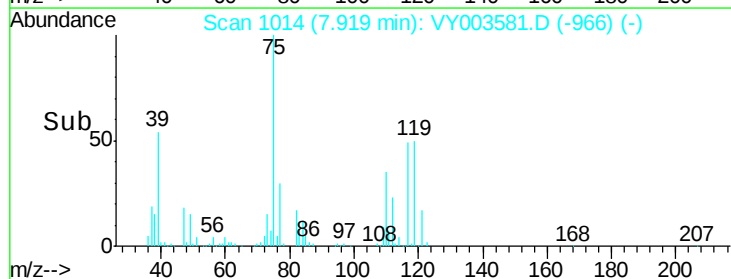
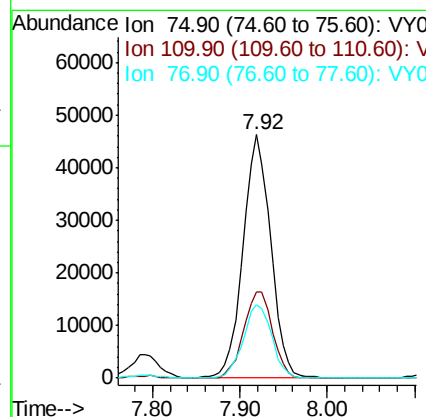
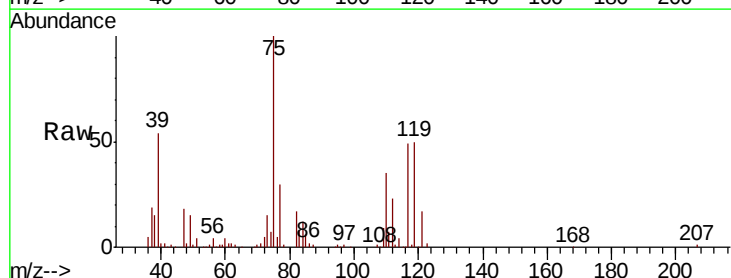
Manual Integrations
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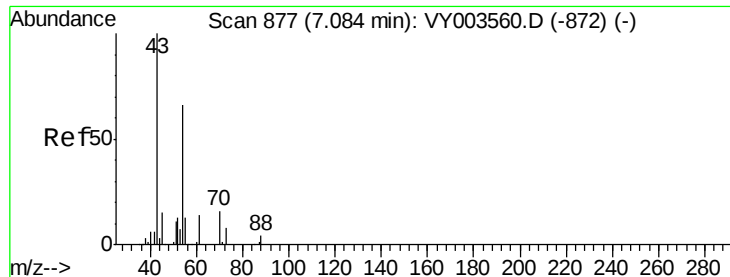
MMDadoda
 11/23/2020 1:39:45 PM



#36
 1,1-Dichloropropene
 Concen: 47.213 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101515		
110	37.0		18.7	56.1
77	31.3		25.4	38.2





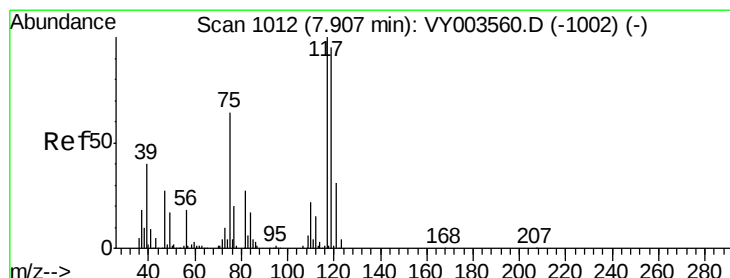
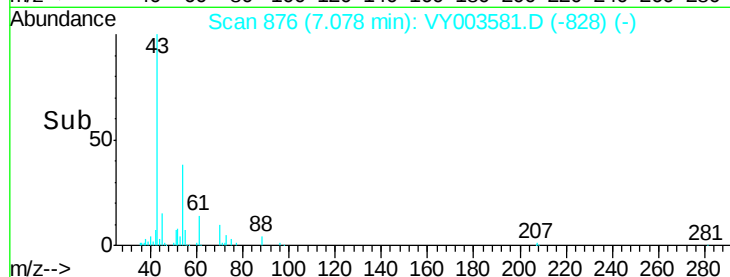
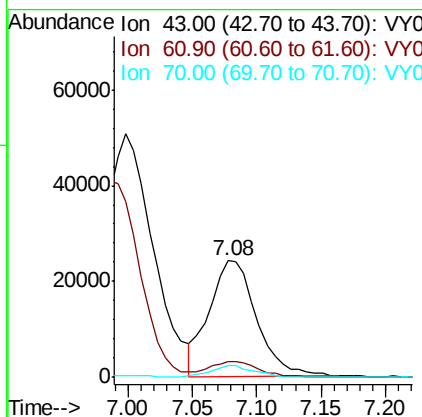
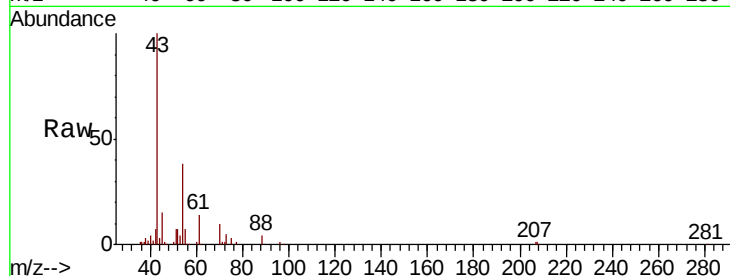
#37
Ethyl Acetate
Concen: 47.652 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	61744
Ion Ratio	Lower	Upper	
43	100		
61	14.2	10.3	15.5
70	9.8	7.5	11.3

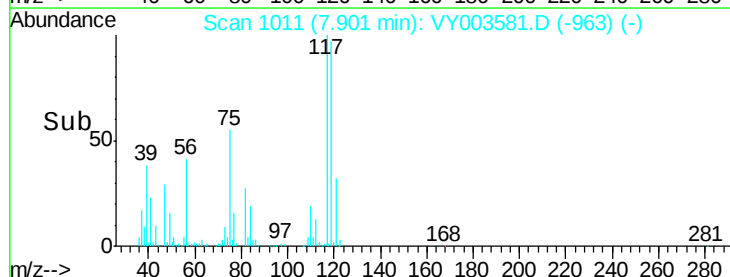
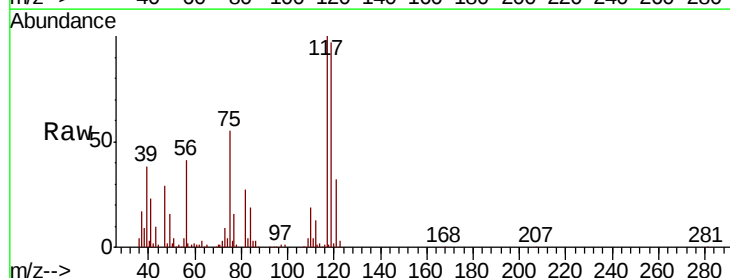
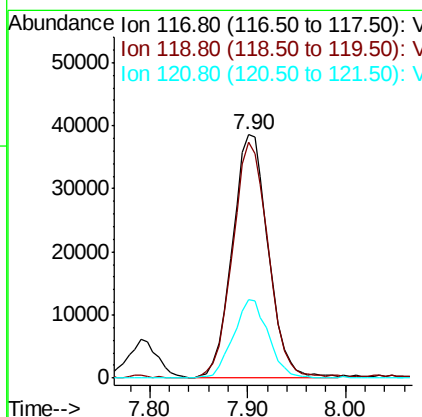
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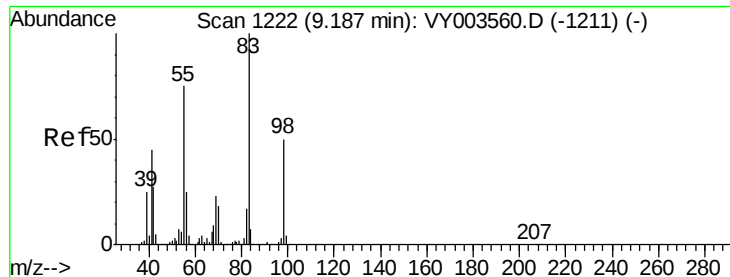
MMDadoda
11/23/2020 1:39:45 PM



#38
Carbon Tetrachloride
Concen: 48.758 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	117	Resp	97118
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.3	114.5
121	32.2	25.1	37.7





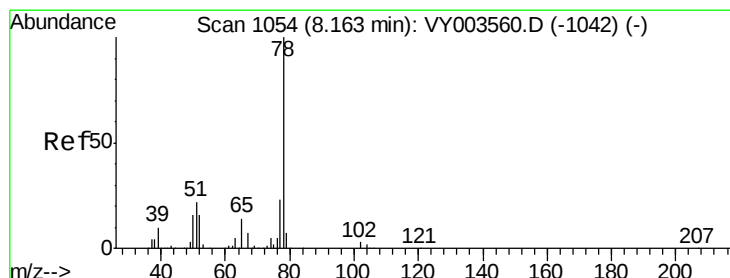
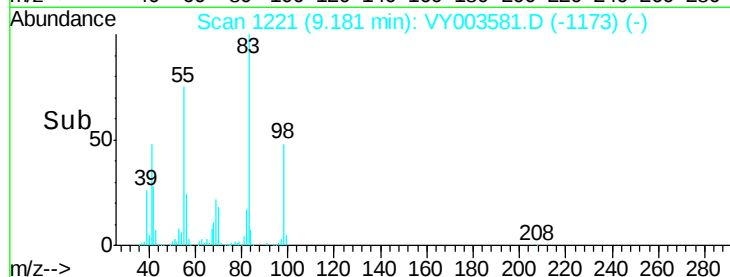
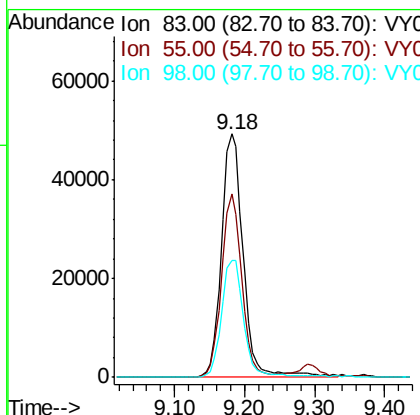
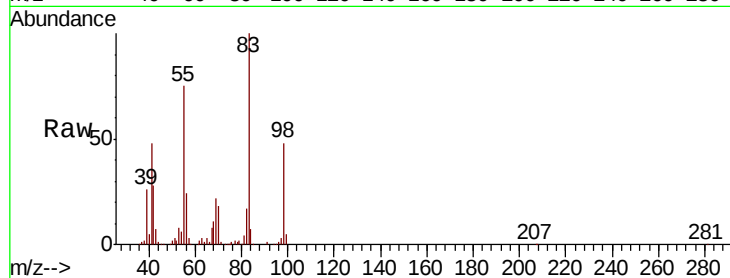
#39
Methvlcvclohexane
Concen: 49.021 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.2	90.4
98	47.8	40.3	60.5

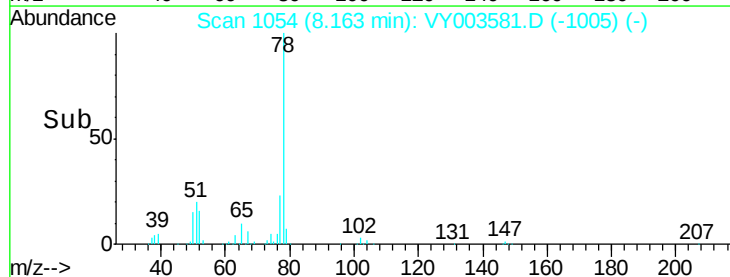
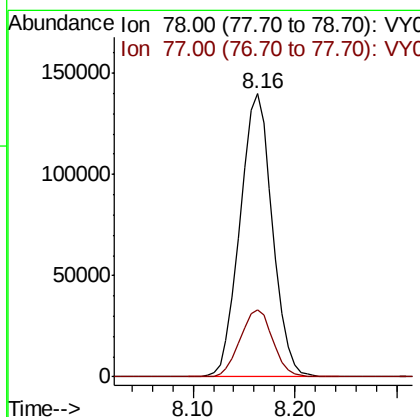
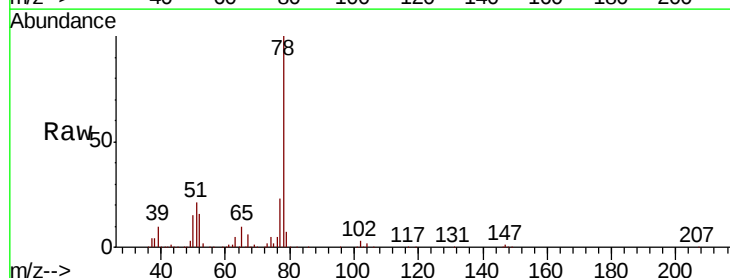
Manual Integrations
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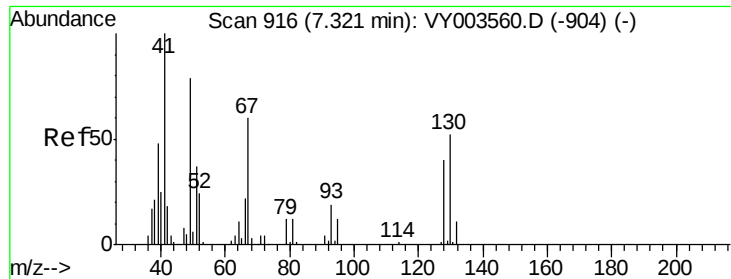
MMDadoda
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#40
Benzene
Concen: 48.413 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





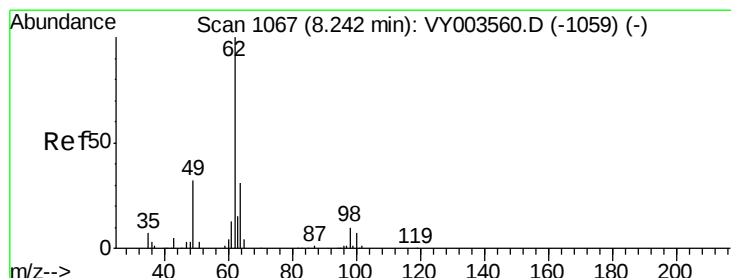
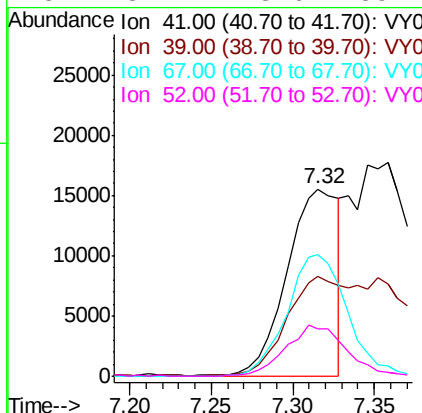
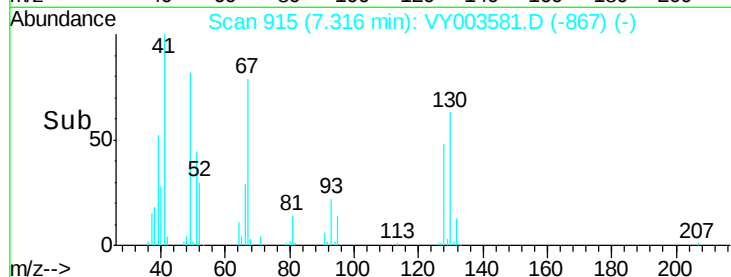
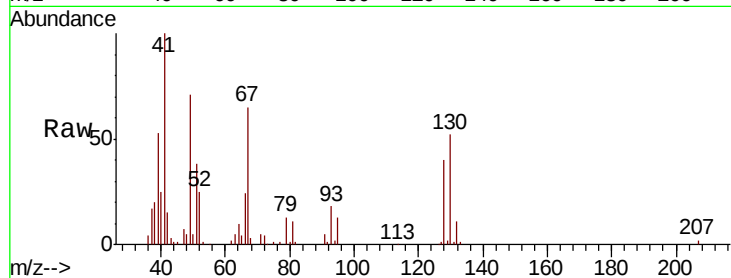
#41
Methacrylonitrile
Concen: 44.855 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	34362
Ion	Ratio	Lower	Upper
41	100		
39	60.9	41.4	62.0
67	76.1	57.2	85.8
52	31.4	23.6	35.4

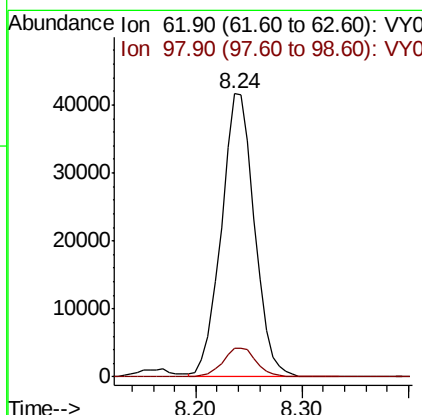
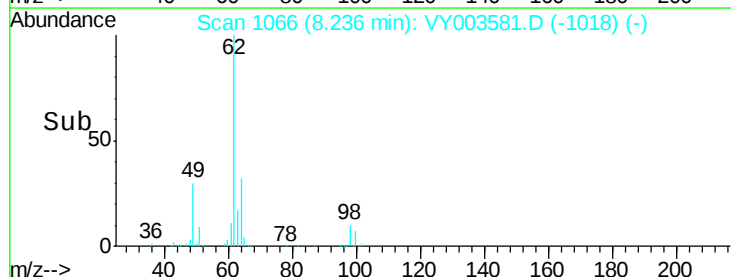
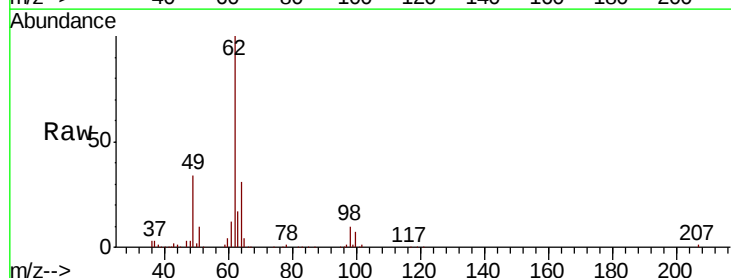
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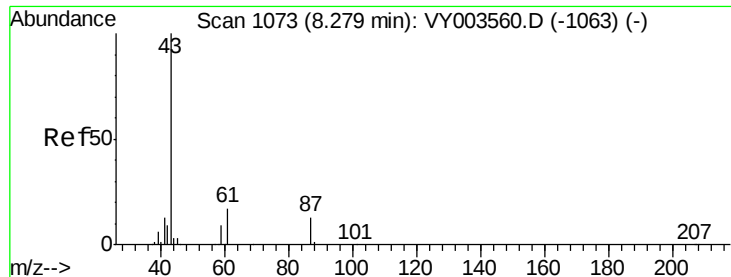
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.905 ug/l
RT: 8.24 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:	62	Resp:	90490
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 50.395 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

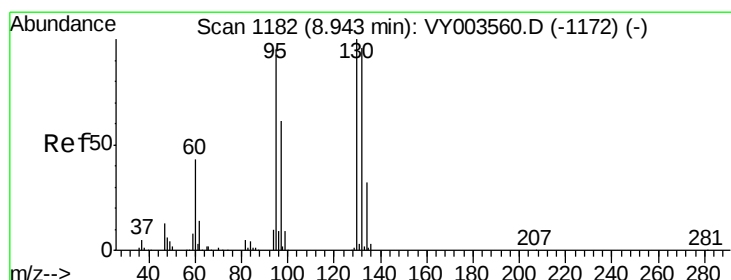
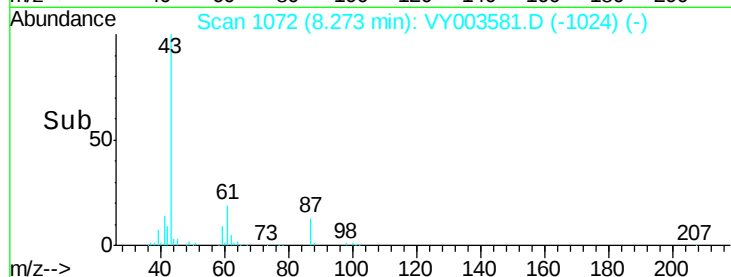
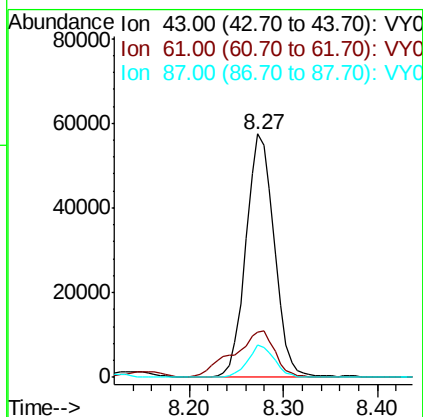
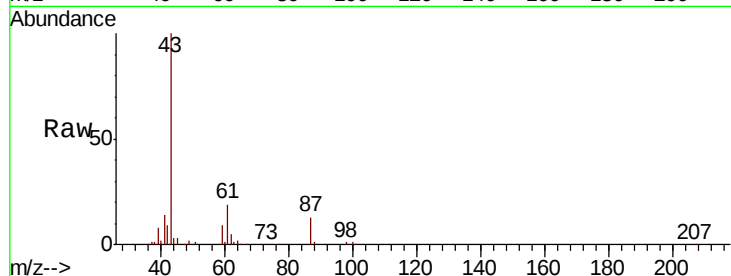
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	119899
Ion	Ratio	Lower	Upper
43	100		
61	27.4	21.4	32.0
87	12.4	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 48.134 ug/l

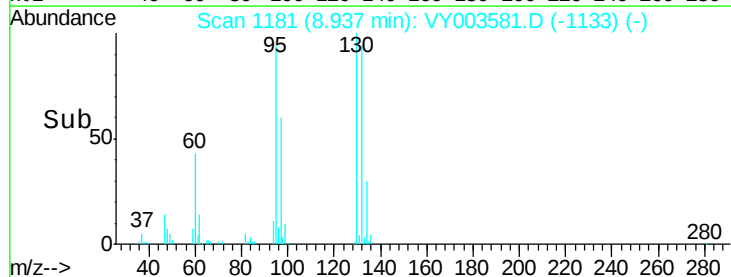
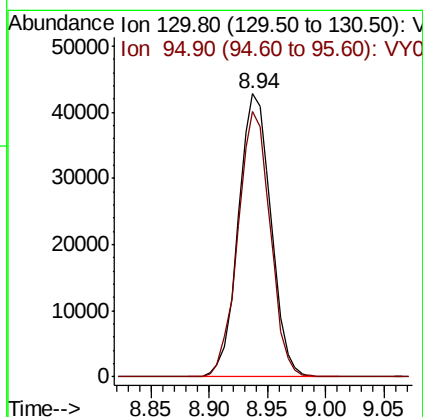
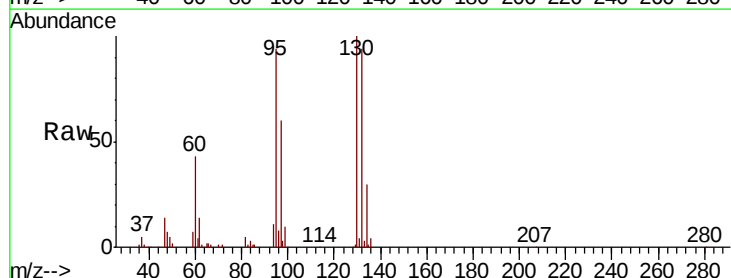
RT: 8.94 min Scan# 1181

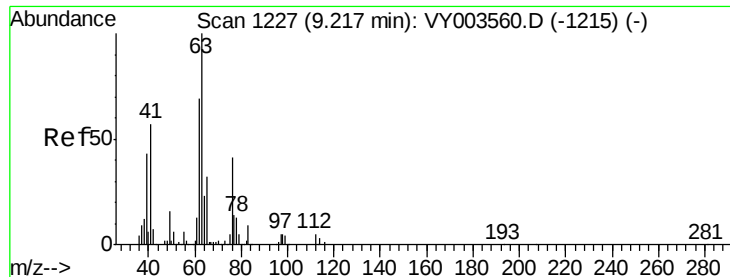
Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	130	Resp:	83599
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	189.2





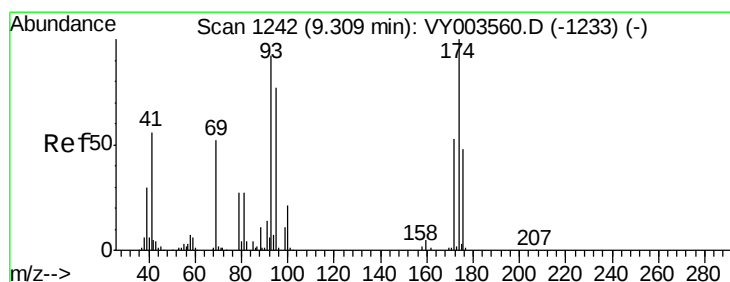
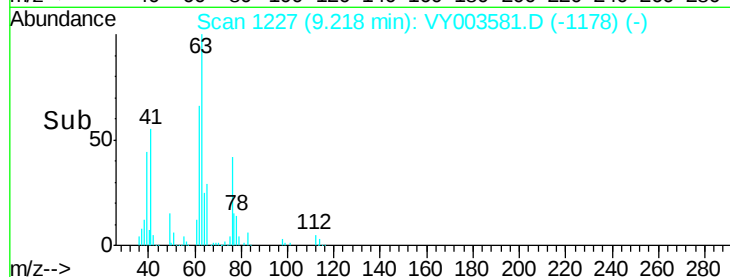
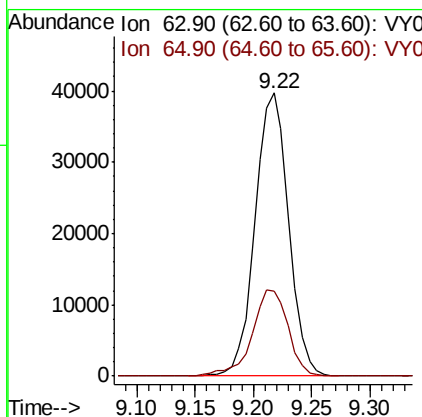
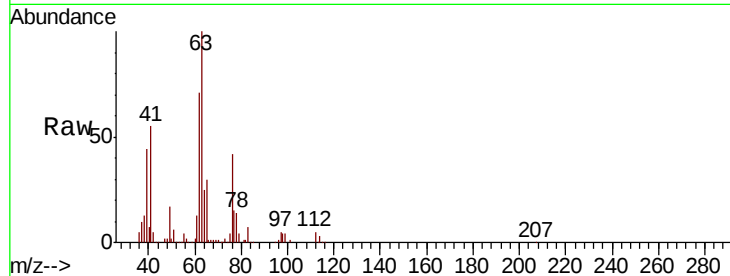
#45
 1,2-Dichloropropane
 Concen: 50.505 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 79799
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.7 38.5

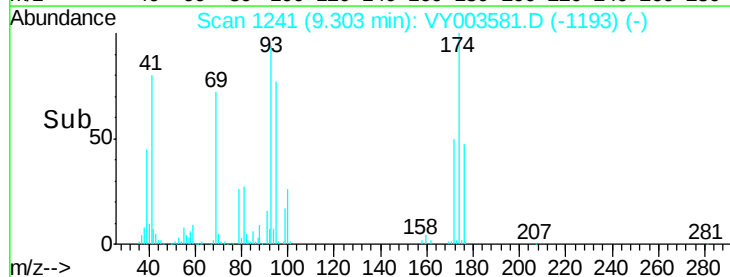
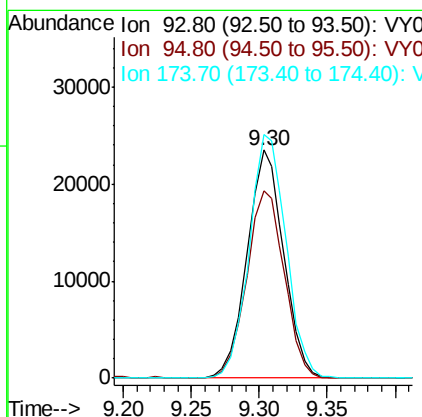
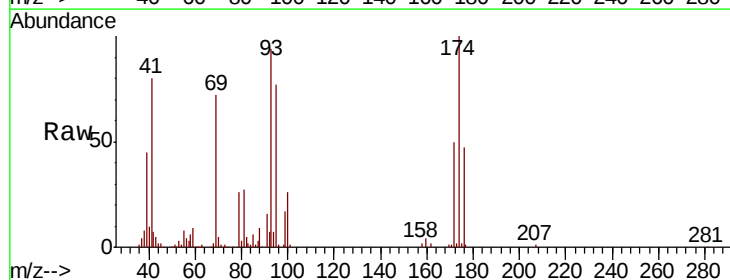
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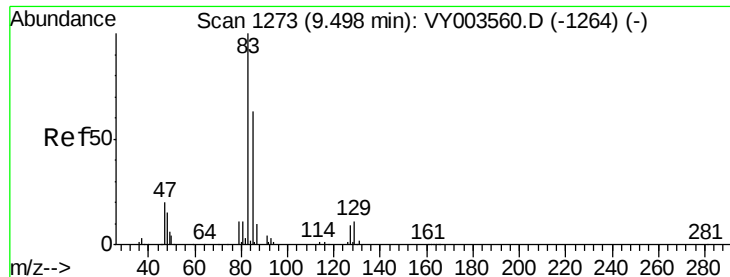
MMDadoda
 11/23/2020 1:39:45 PM



#46
 Dibromomethane
 Concen: 49.027 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion: 93 Resp: 44114
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 107.8 86.8 130.2





#47

Bromodichloromethane

Concen: 50.492 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

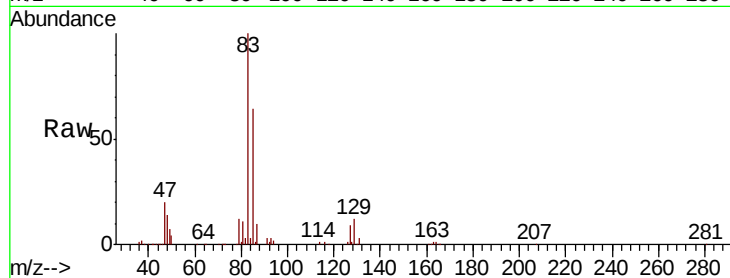
ClientSampleId :

VSTDCCC050EC

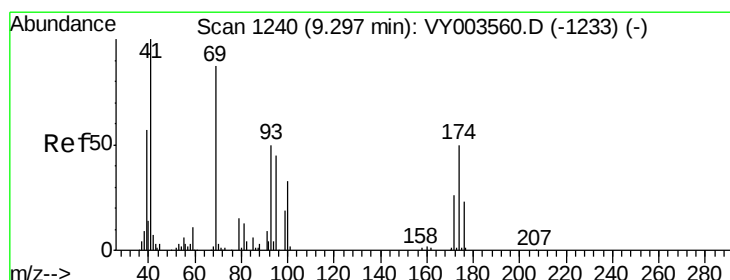
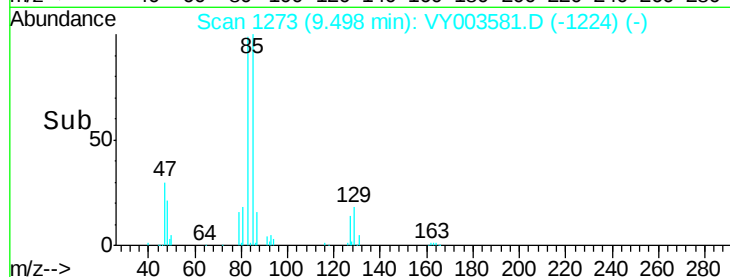
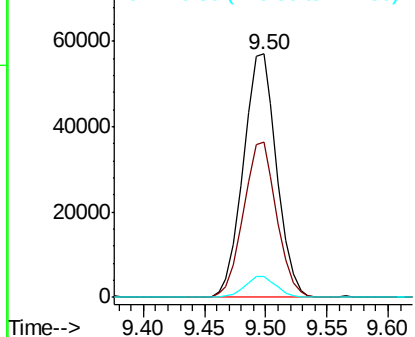
Tot Ion:	83	Resp:	107912
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.7	76.1
127	8.8	7.0	10.4

Manual Integrations
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11/23/2020 1:39:45 PM



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



#48

Methyl methacrylate

Concen: 49.321 ug/l

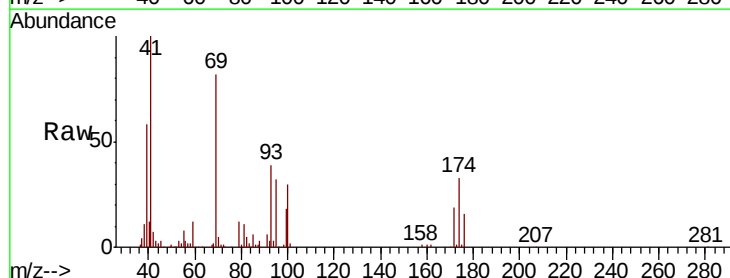
RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

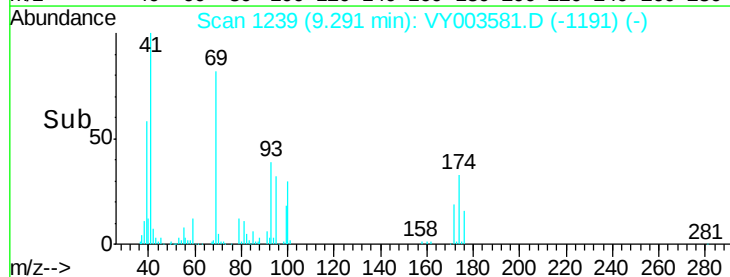
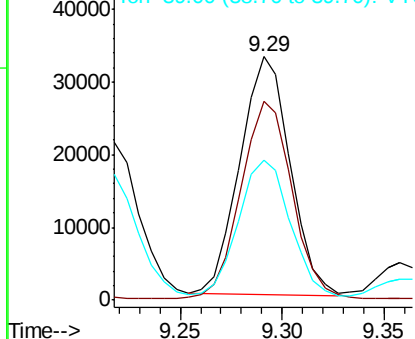
Lab File: VY003581.D

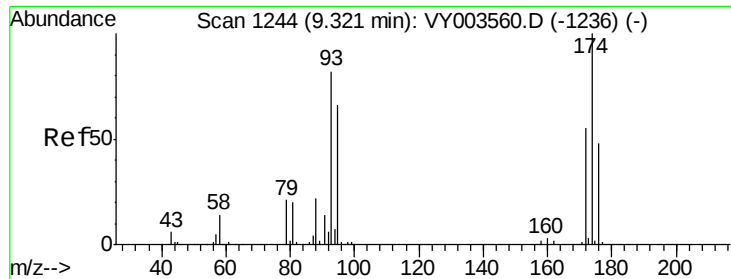
Acq: 20 Nov 2020 20:15

Tgt Ion:	41	Resp:	56171
Ion Ratio	Lower	Upper	
41	100		
69	86.4	68.6	102.8
39	62.1	48.8	73.2



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





#49

1,4-Dioxane

Concen: 1045.531 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

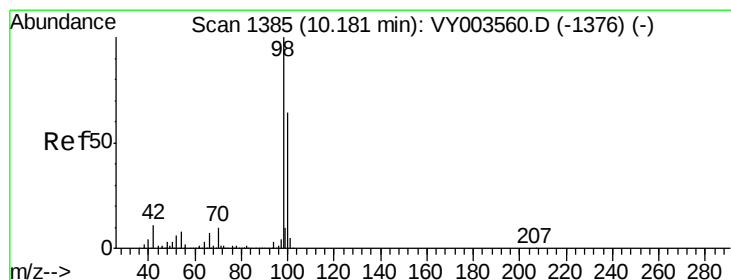
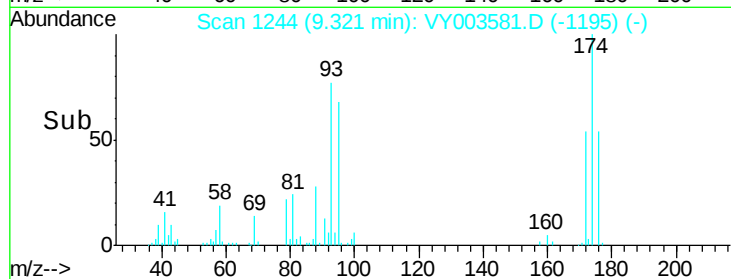
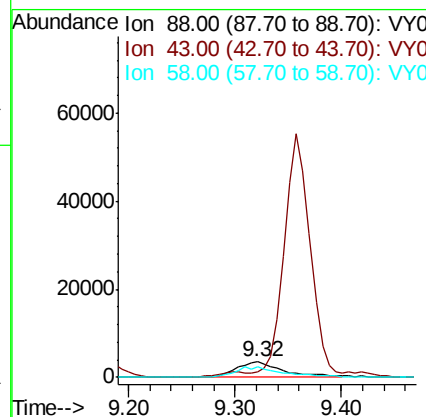
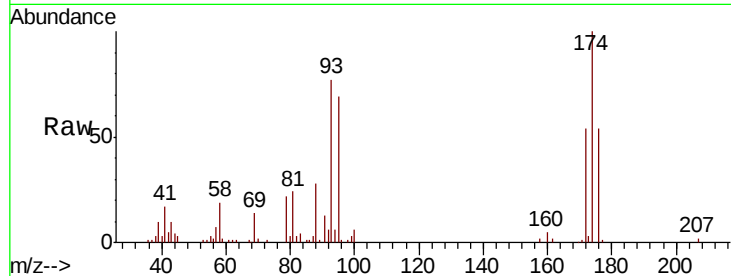
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	10779
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.8	50.9	76.3

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#50

Toluene-d8

Concen: 47.788 ug/l

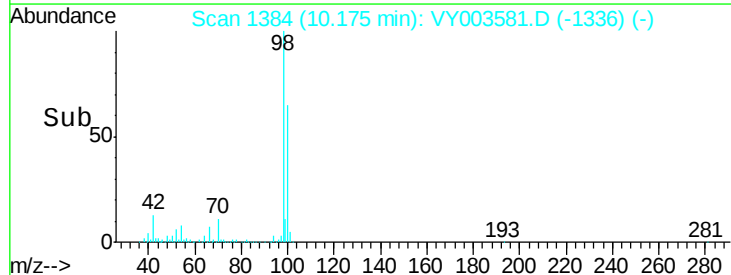
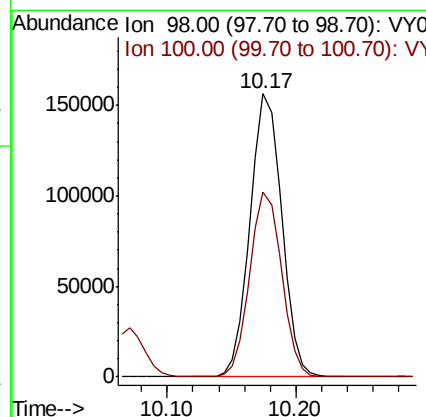
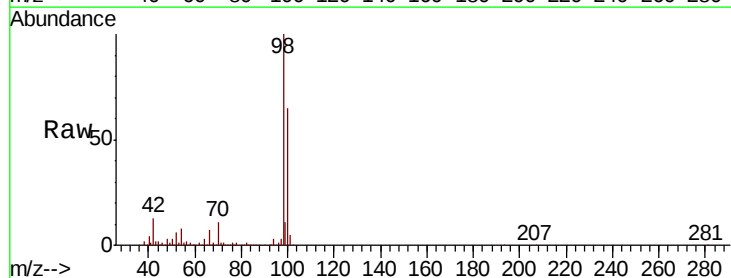
RT: 10.17 min Scan# 1384

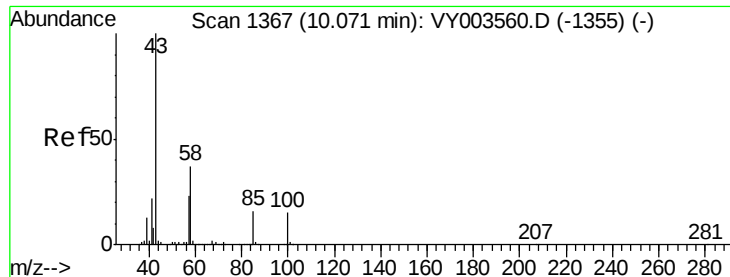
Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	98	Resp:	266781
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 266.703 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 304114

Ion Ratio Lower Upper

43 100

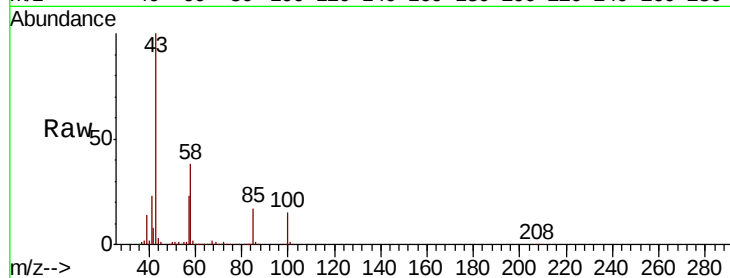
58 37.5 29.8 44.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

200000

150000

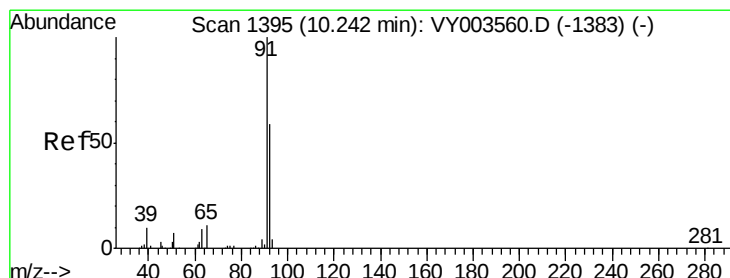
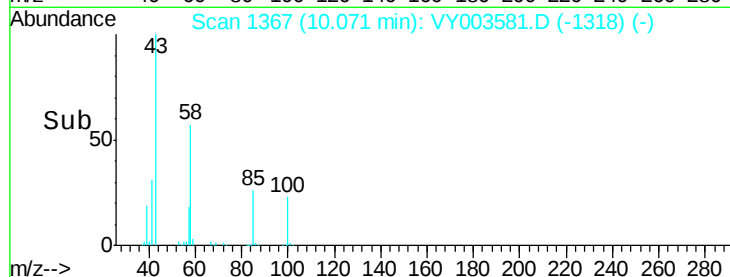
100000

50000

0

10.00 10.10

Time-->



#52

Toluene

Concen: 49.903 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003581.D

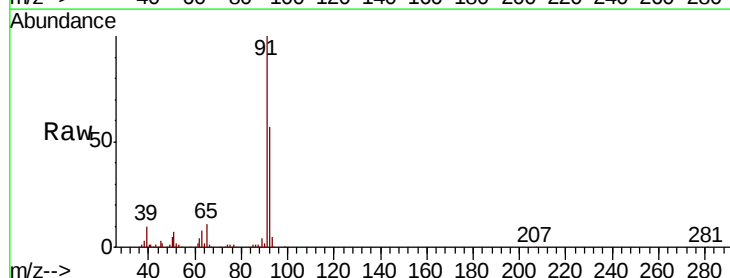
Acq: 20 Nov 2020 20:15

Tgt Ion: 92 Resp: 194755

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

200000

150000

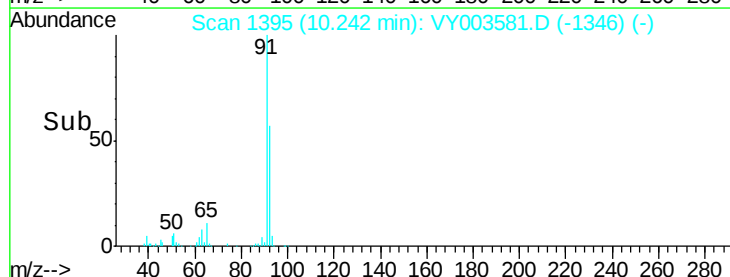
100000

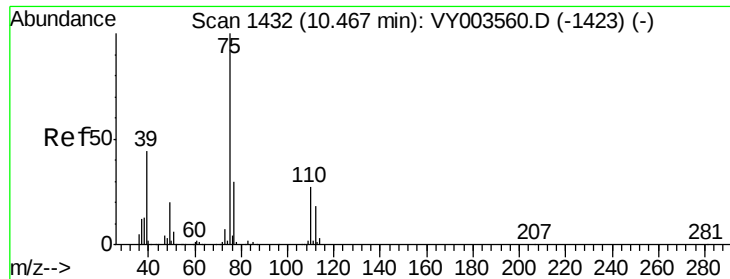
50000

0

10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.736 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 111253

Ion Ratio Lower Upper

75 100

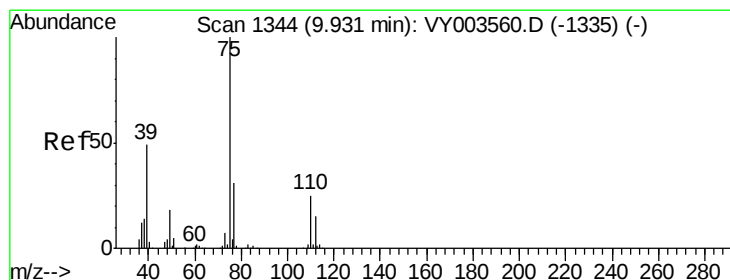
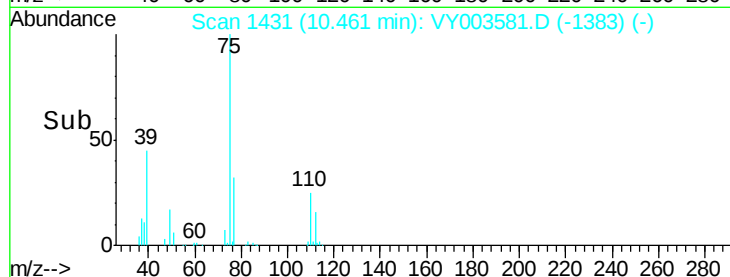
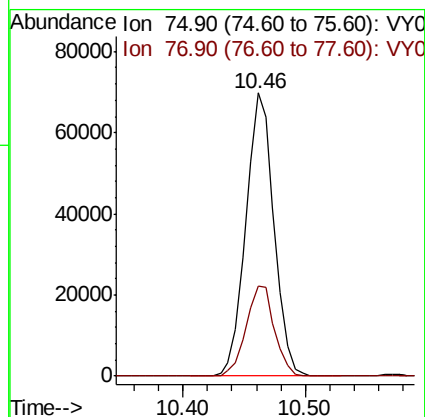
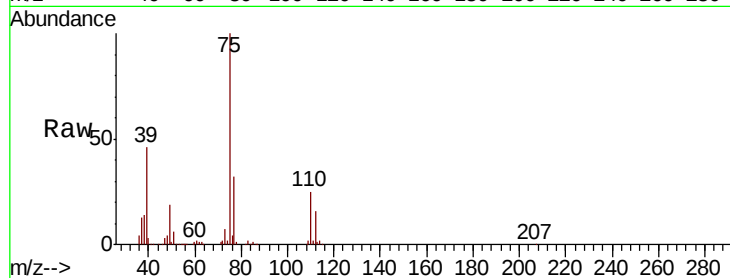
77 31.9 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.051 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

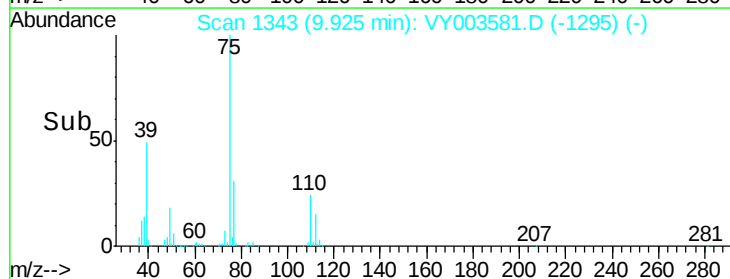
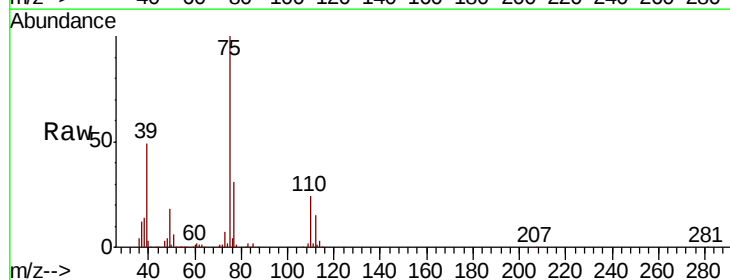
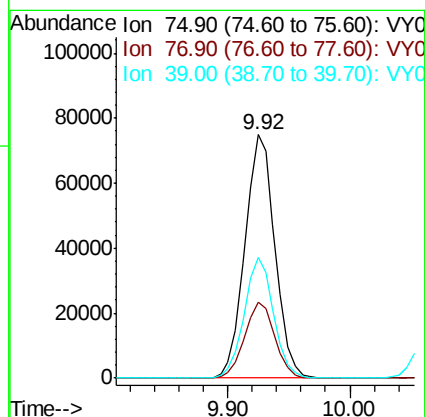
Tgt Ion: 75 Resp: 127427

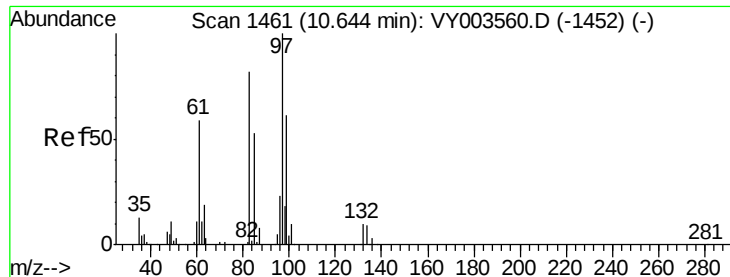
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 49.4 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 48.947 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 62467

Ion Ratio Lower Upper

97 100

83 88.4 65.2 97.8

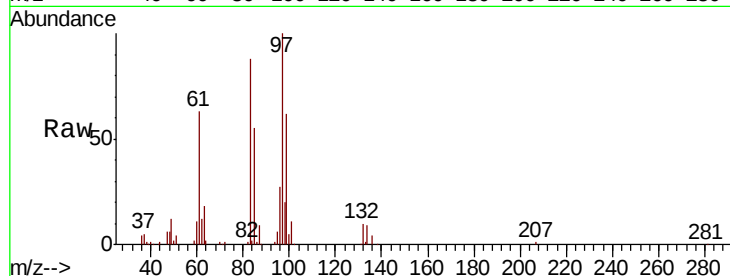
85 55.3 42.4 63.6

99 62.0 48.5 72.7

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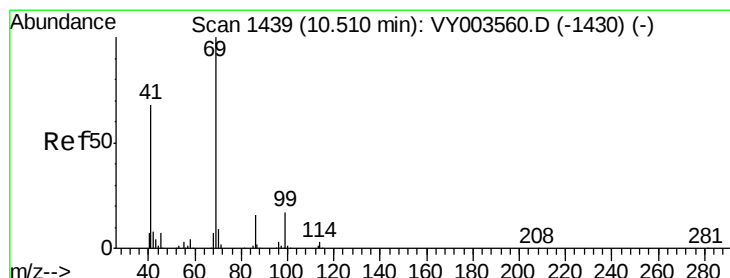
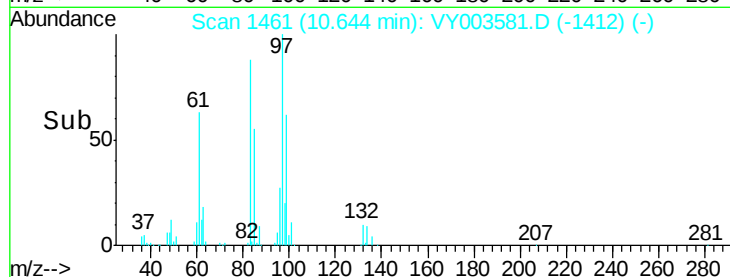
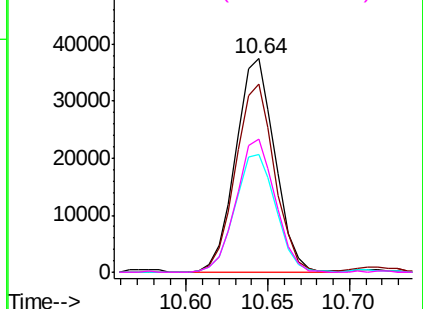


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.604 ug/l

RT: 10.50 min Scan# 1438

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

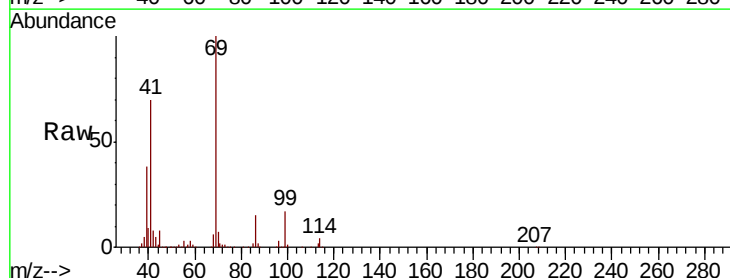
Tgt Ion: 69 Resp: 84687

Ion Ratio Lower Upper

69 100

41 68.7 55.4 83.0

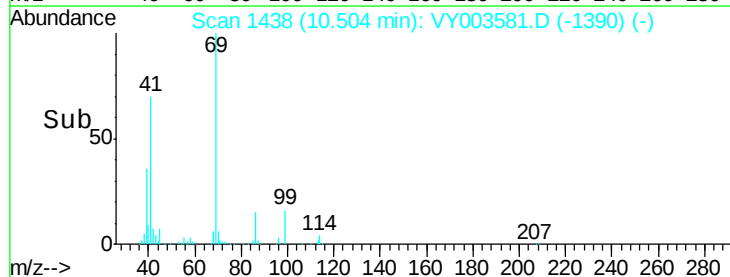
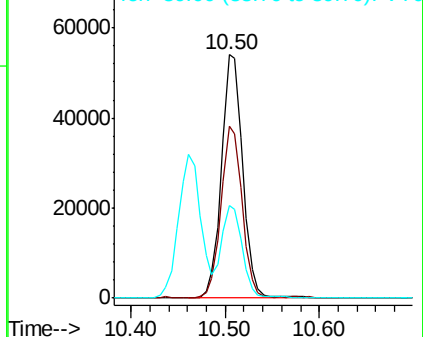
39 36.0 30.2 45.2

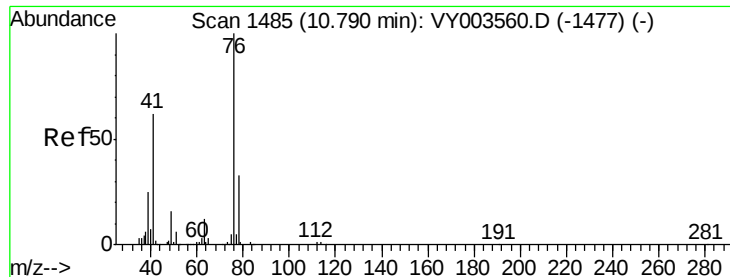


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.342 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 108744

Ion Ratio Lower Upper

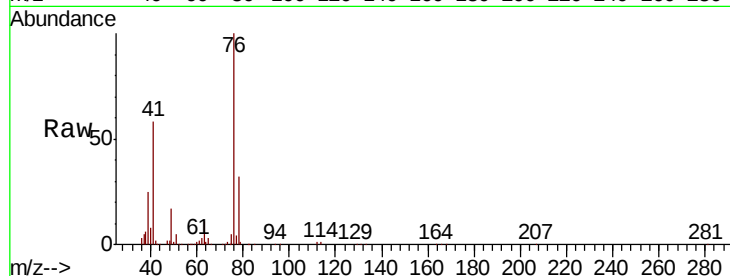
76 100

78 32.5 26.0 39.0

Manual Integrations
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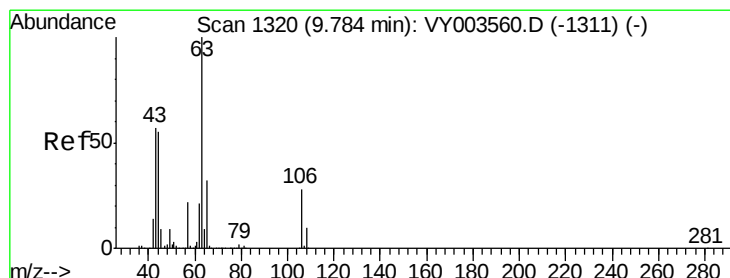
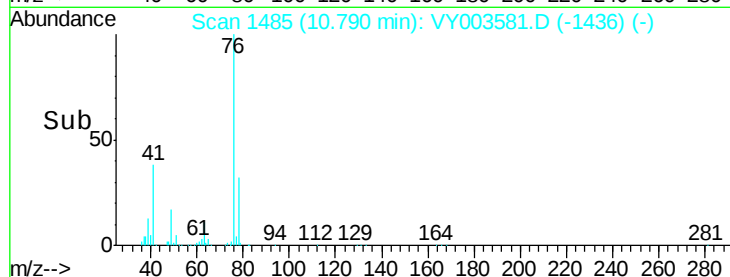
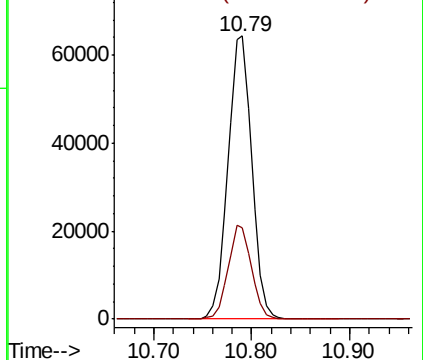
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 262.633 ug/l

RT: 9.78 min Scan# 1319

Delta R.T. -0.01 min

Lab File: VY003581.D

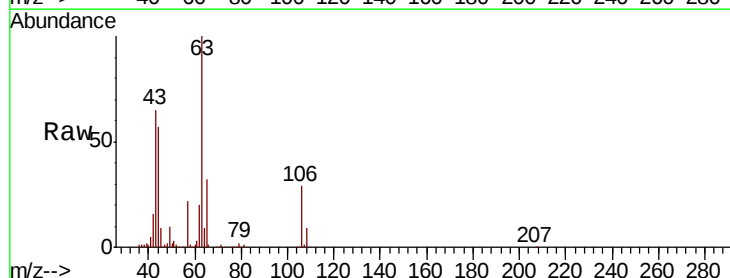
Acq: 20 Nov 2020 20:15

Tgt Ion: 63 Resp: 209034

Ion Ratio Lower Upper

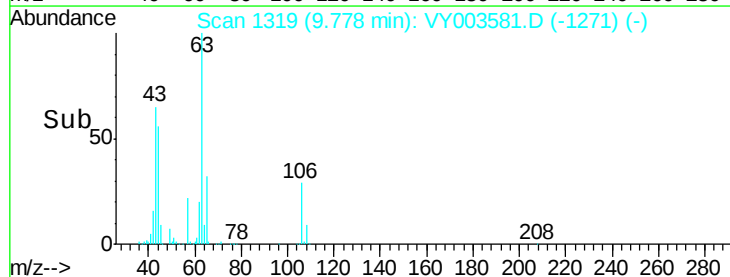
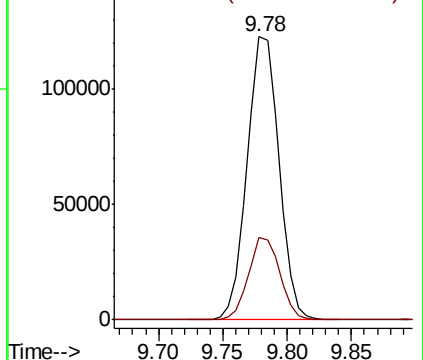
63 100

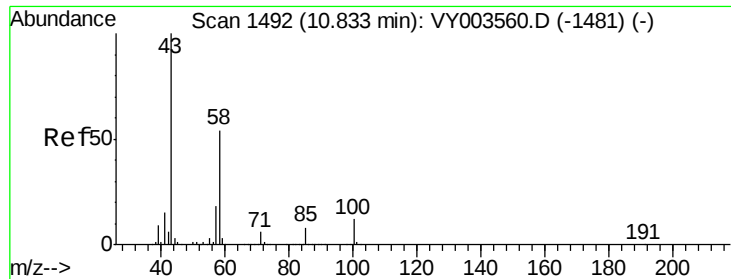
106 28.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





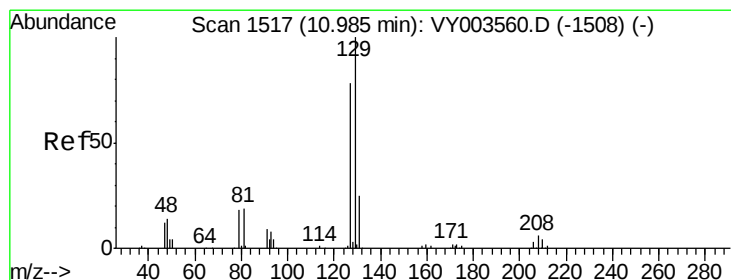
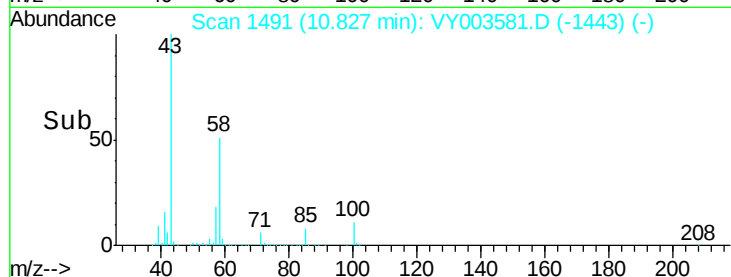
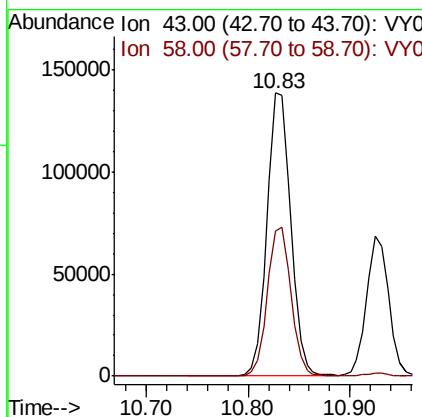
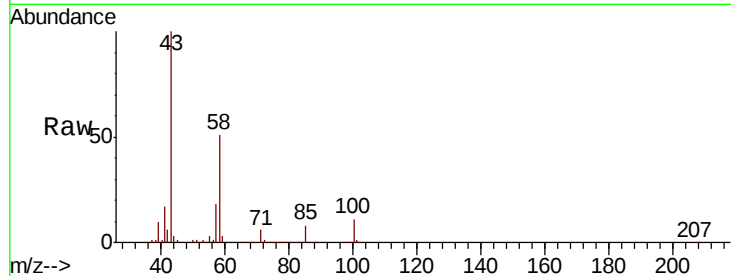
#59
2-Hexanone
Concen: 238.079 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 223793
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.1

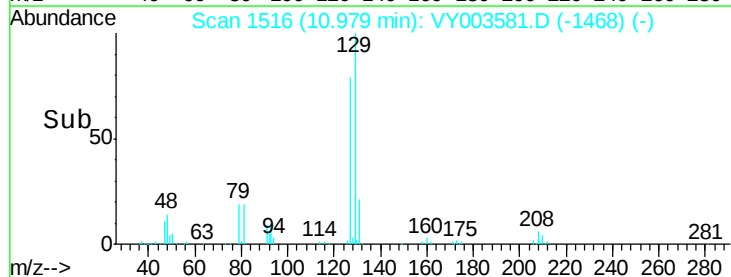
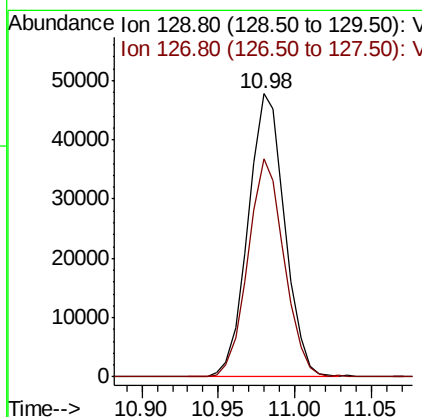
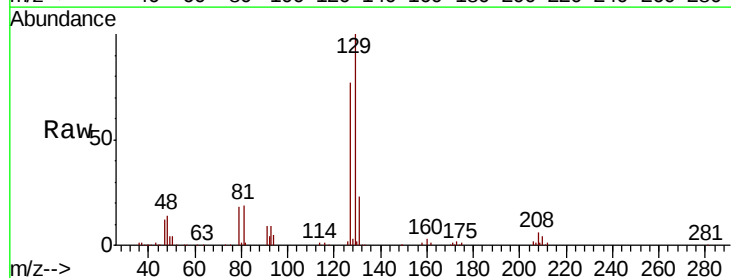
Manual Integrations
APPROVED

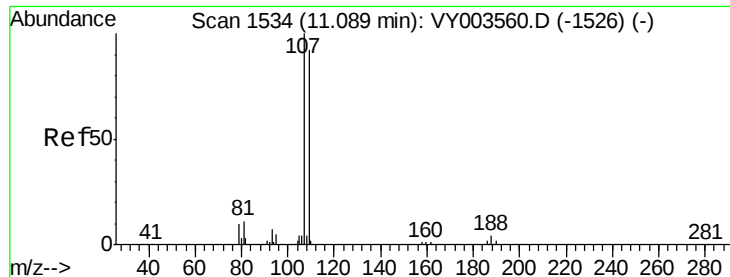
MMDadoda
11/23/2020 1:39:45 PM



#60
Dibromochloromethane
Concen: 51.532 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 129 Resp: 79519
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





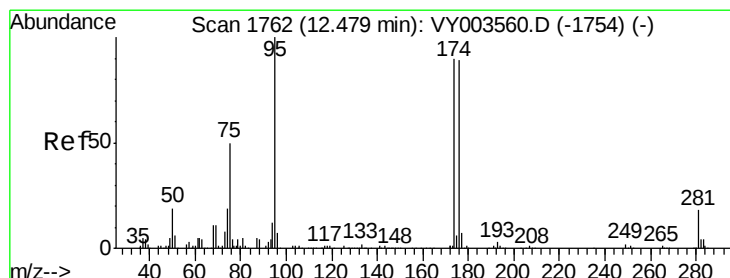
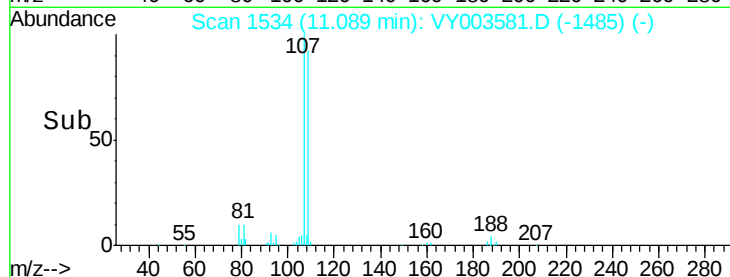
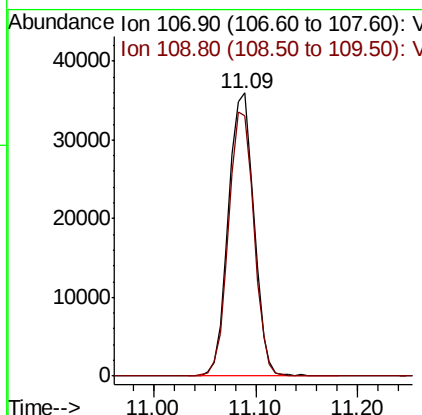
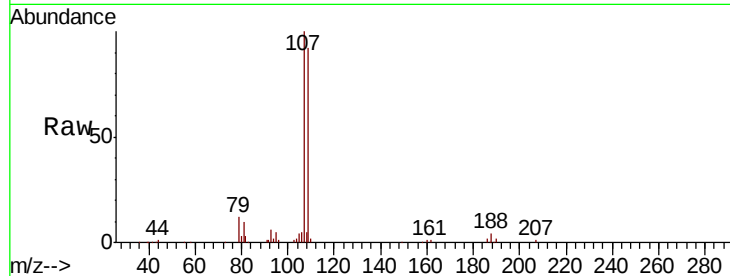
#61
 1,2-Dibromoethane
 Concen: 50.651 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 62294
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.9 113.9

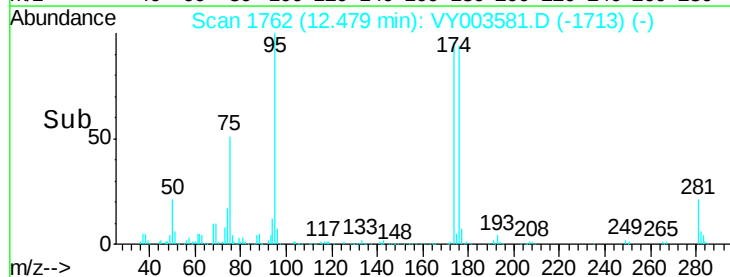
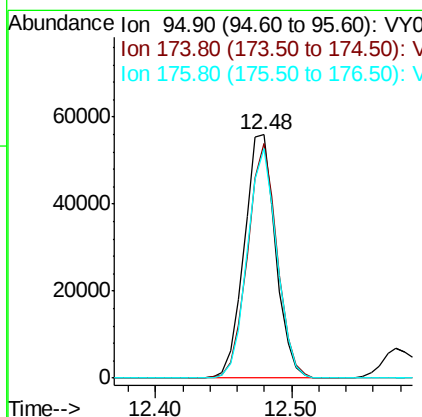
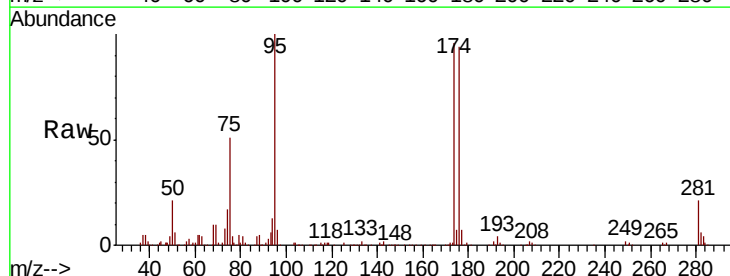
Manual Integrations
 APPROVED

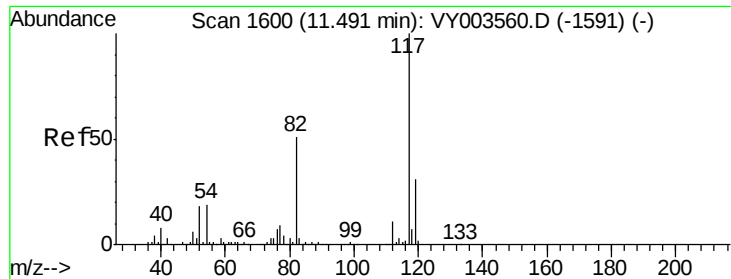
MMDadoda
 11/23/2020 1:39:45 PM



#62
 4-Bromofluorobenzene
 Concen: 50.669 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion: 95 Resp: 89767
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 184.0
 176 89.5 0.0 180.4





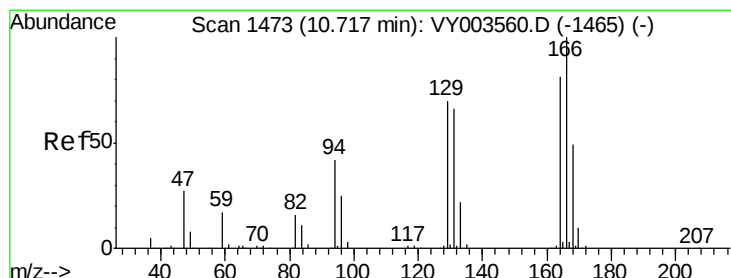
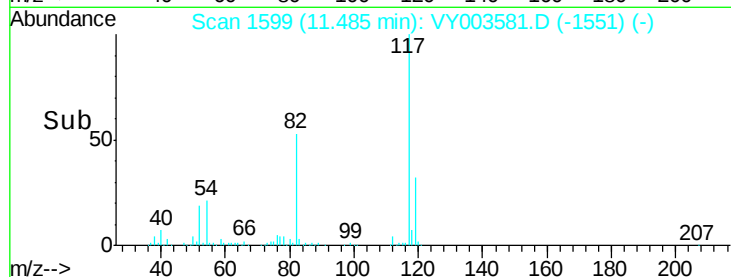
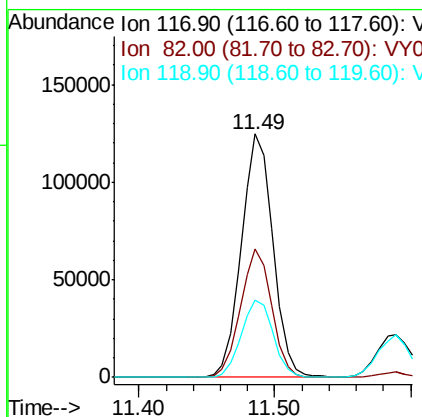
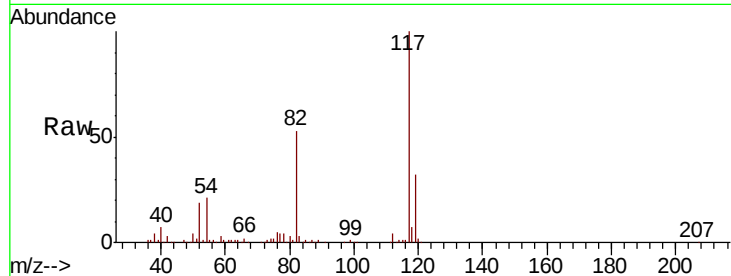
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.0	61.6
119	31.6	25.0	37.6

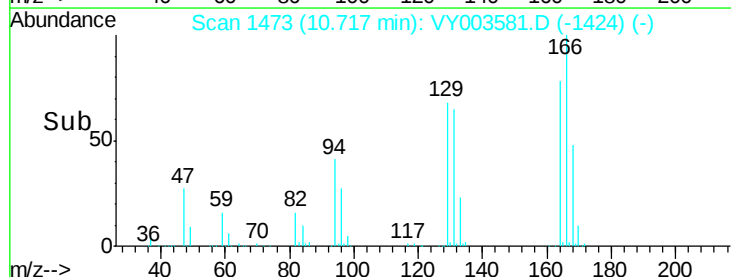
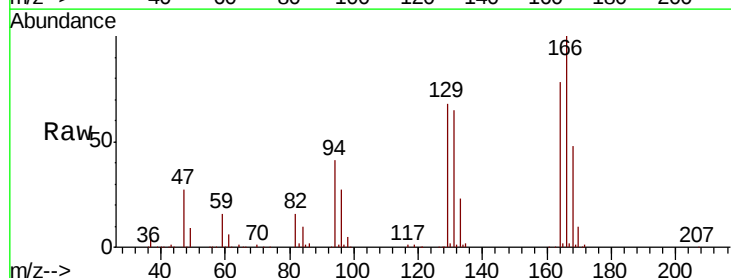
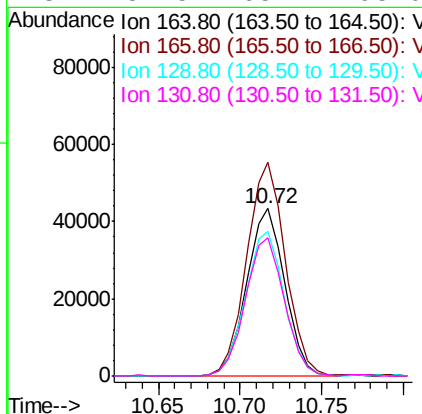
Manual Integrations
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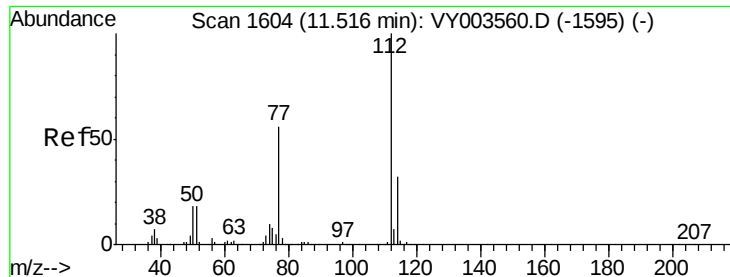
MMDadoda
11/23/2020 1:39:45 PM



#64
Tetrachloroethene
Concen: 46.833 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.0	148.4
129	86.6	69.1	103.7
131	82.5	65.4	98.0





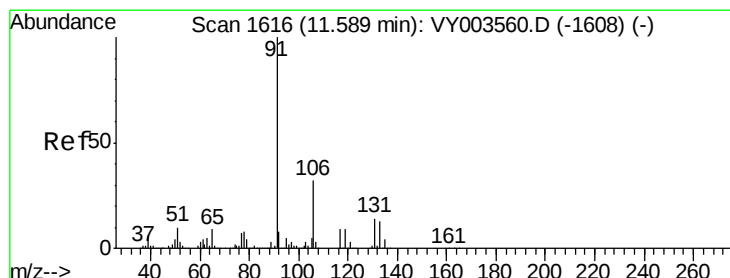
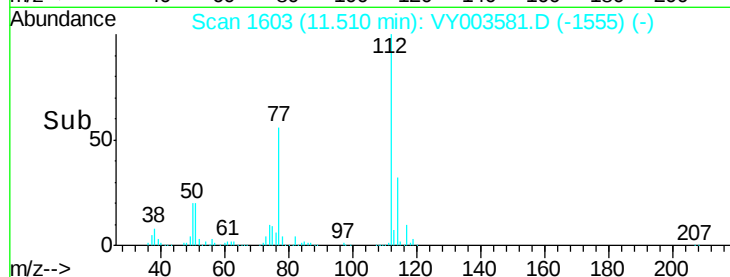
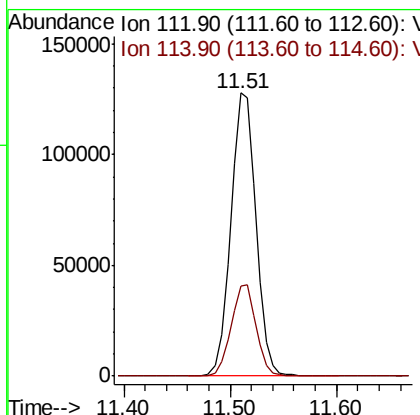
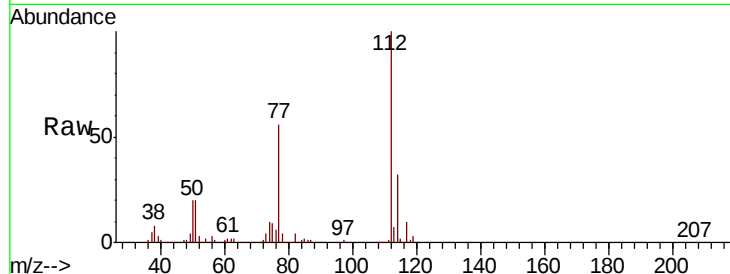
#65
Chlorobenzene
Concen: 48.362 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.3	37.9

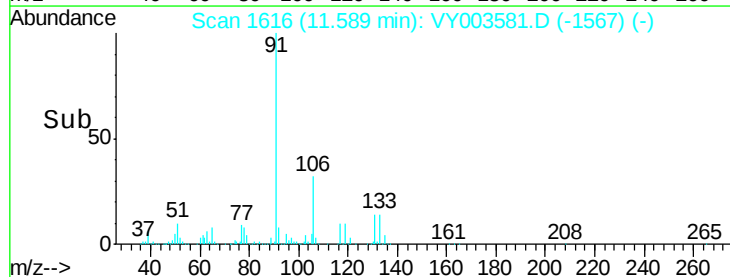
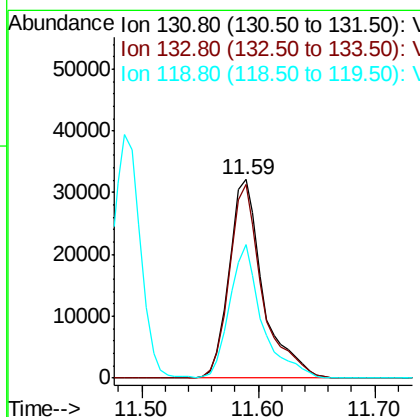
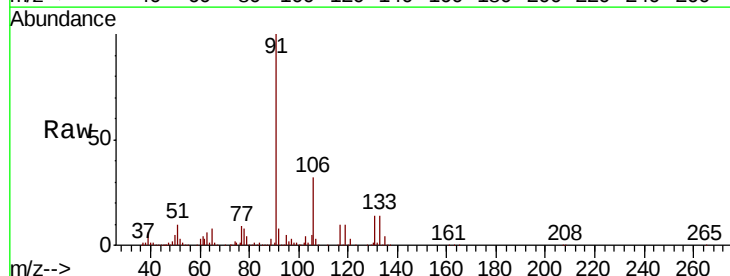
Manual Integrations
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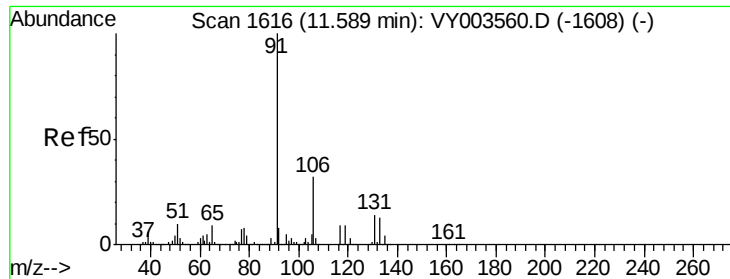
MMDadoda
11/23/2020 1:39:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.664 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.1	141.4
119	64.7	32.6	97.7





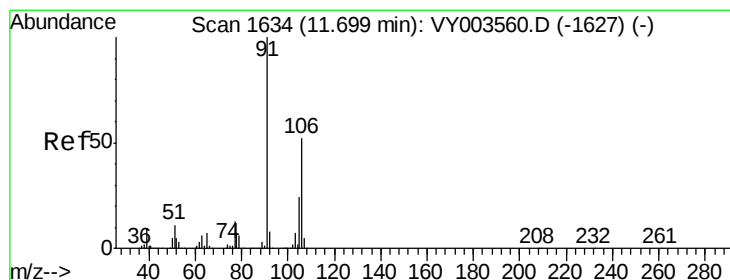
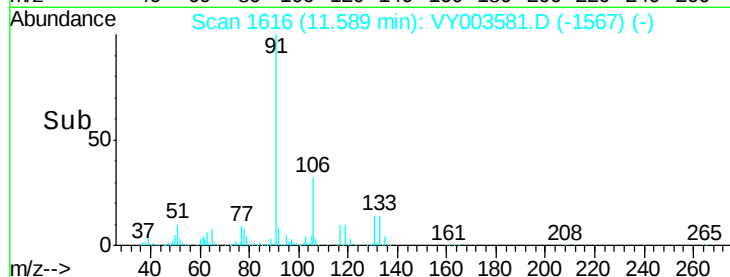
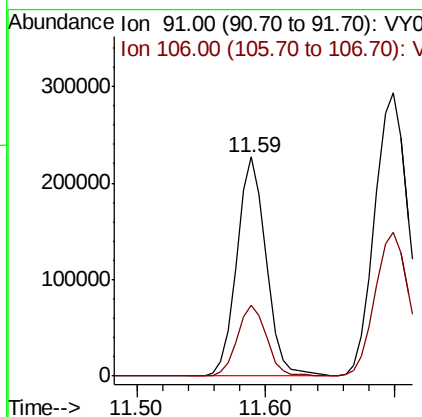
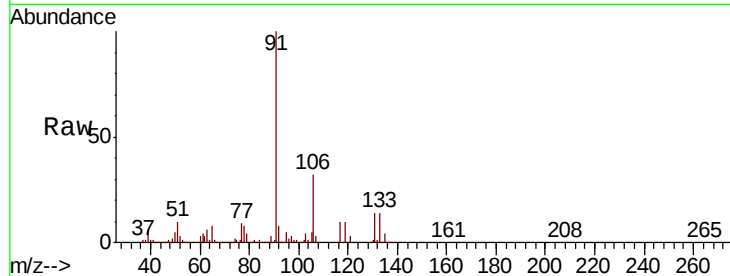
#67
Ethyl Benzene
Concen: 49.974 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.6	38.4

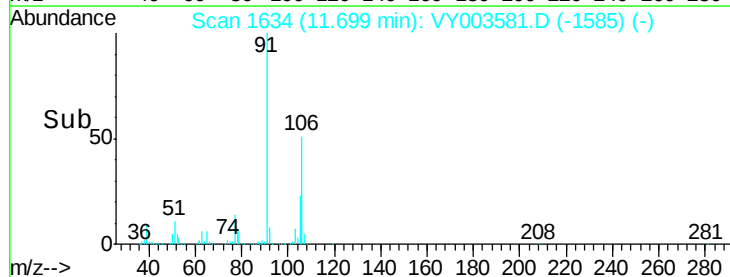
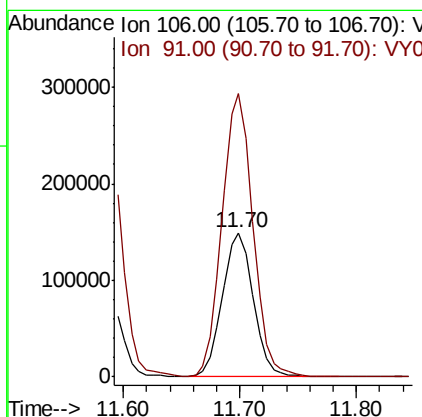
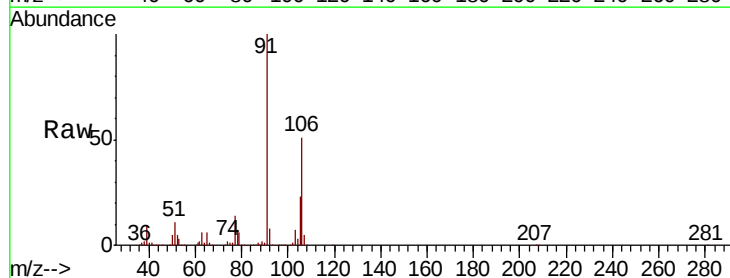
Manual Integrations
APPROVED

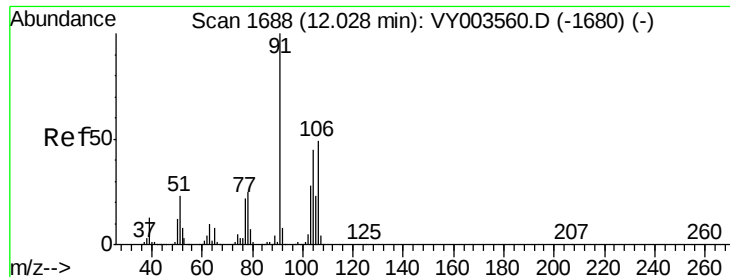
MMDadoda
11/23/2020 1:39:45 PM



#68
m/p-Xylenes
Concen: 99.854 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.3	154.2	231.4





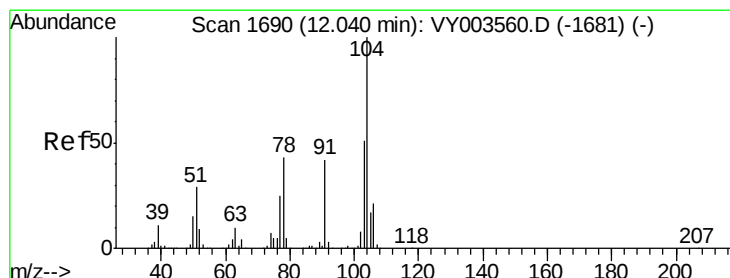
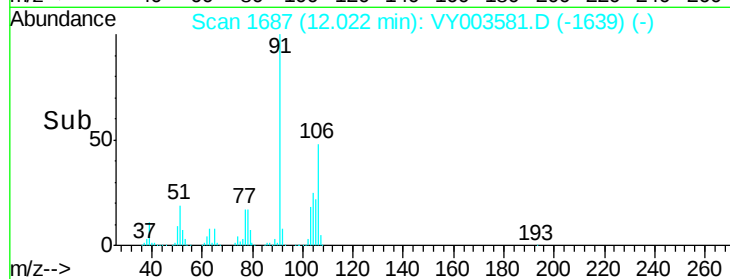
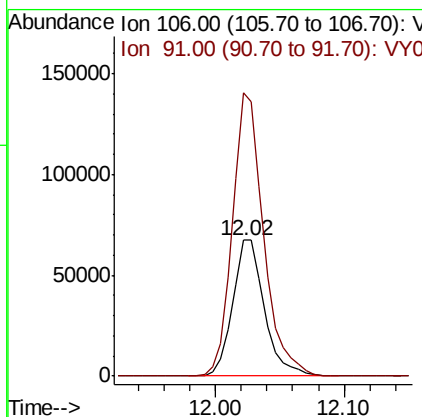
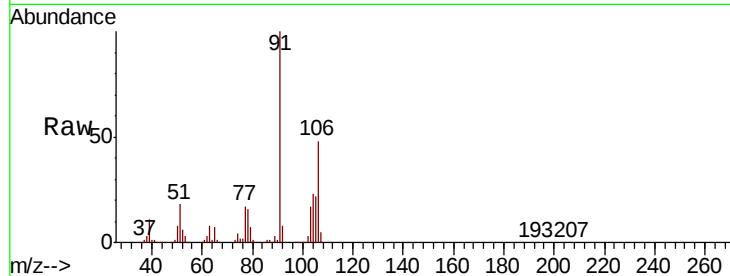
#69
o-Xylene
Concen: 52.566 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	115496		
91	91	204.7	103.1	309.1	

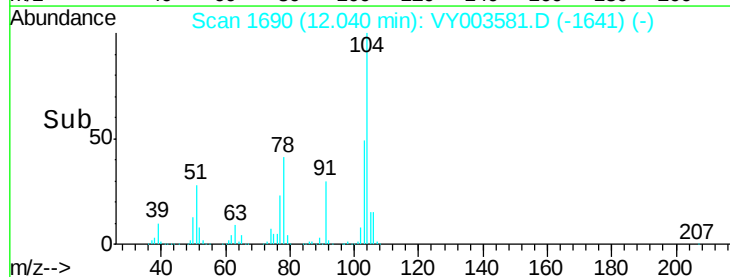
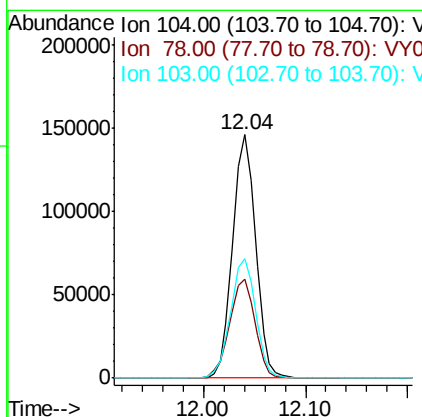
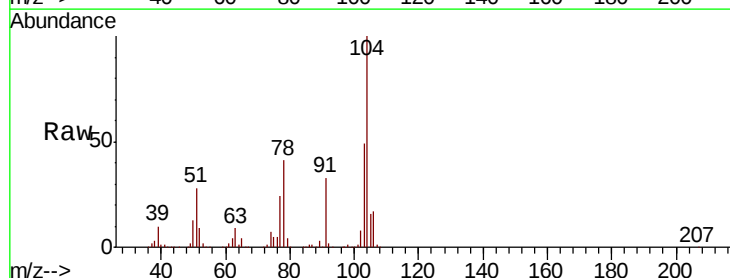
Manual Integrations
APPROVED

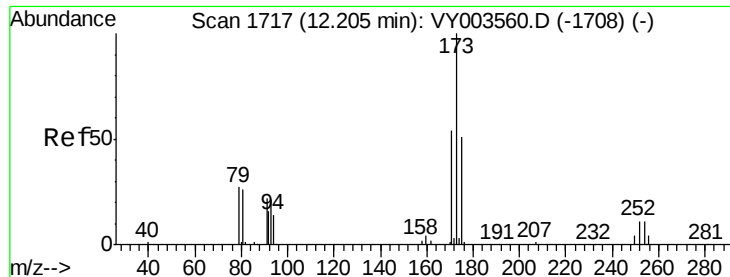
MMDadoda
11/23/2020 1:39:45 PM



#70
Styrene
Concen: 51.594 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	228478		
78	78	45.0	36.6	54.8	
103	103	53.5	43.6	65.4	





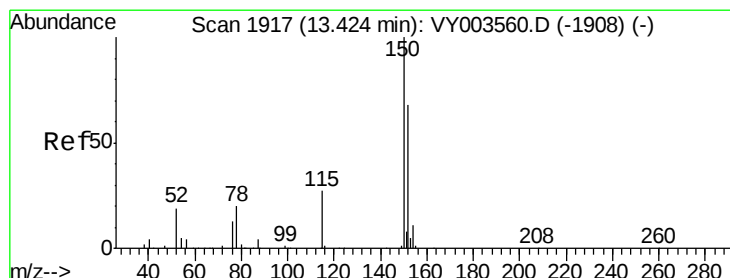
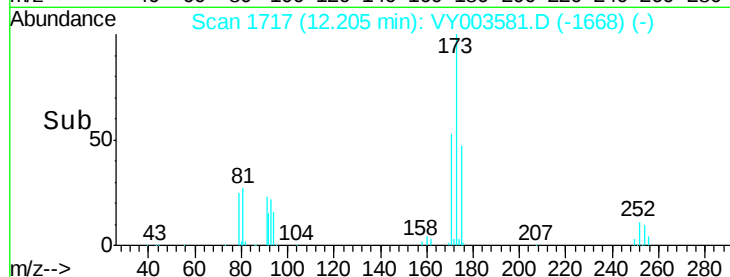
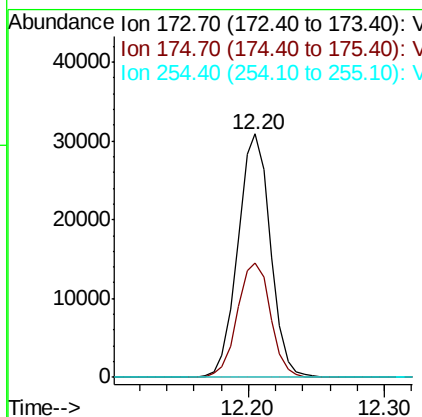
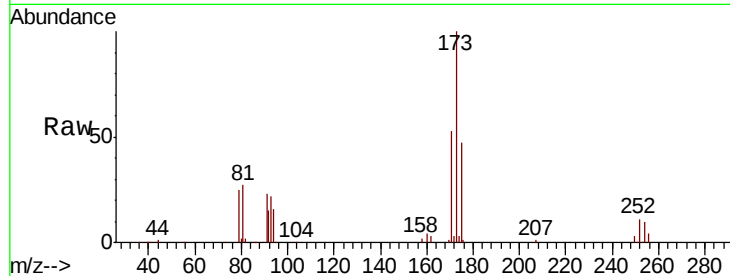
#71
Bromoform
Concen: 50.692 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.6	73.6
254	0.0	0.1	0.1#

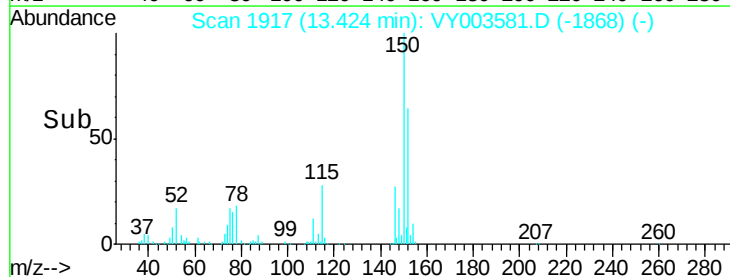
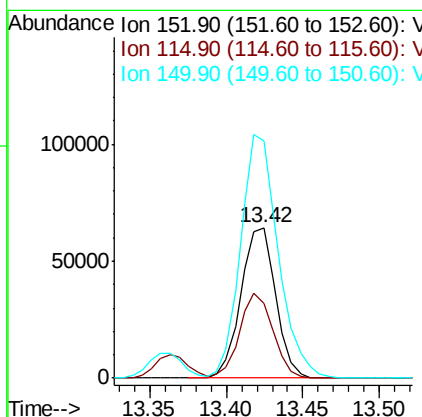
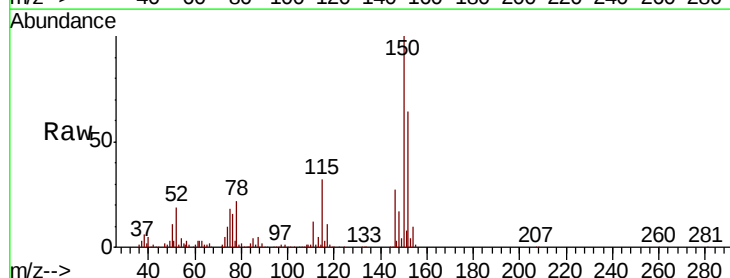
Manual Integrations
APPROVED

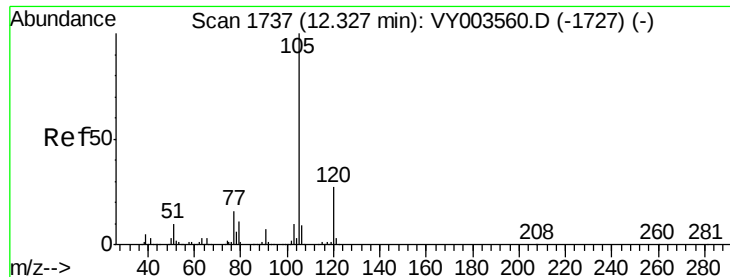
MMDadoda
11/23/2020 1:39:45 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.4	82.0
150	175.4	0.0	349.6





#73

Isopropylbenzene

Concen: 50.529 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 254728

Ion Ratio Lower Upper

105 100

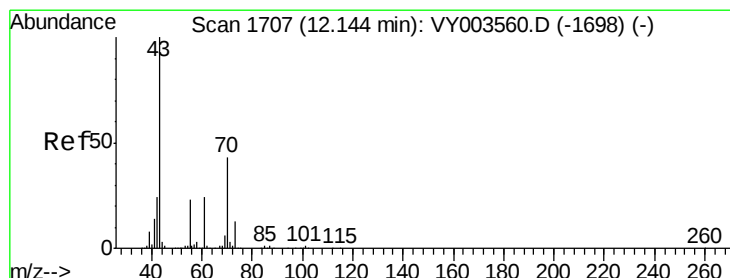
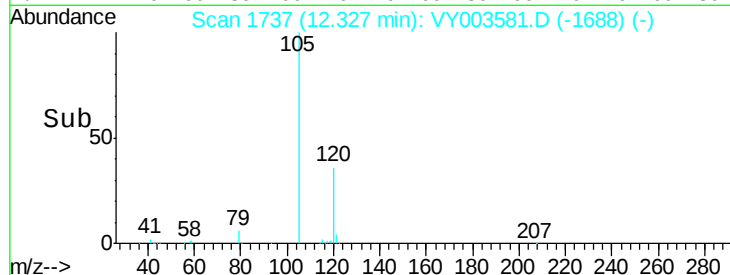
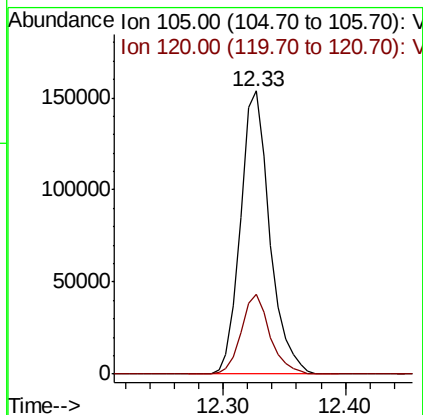
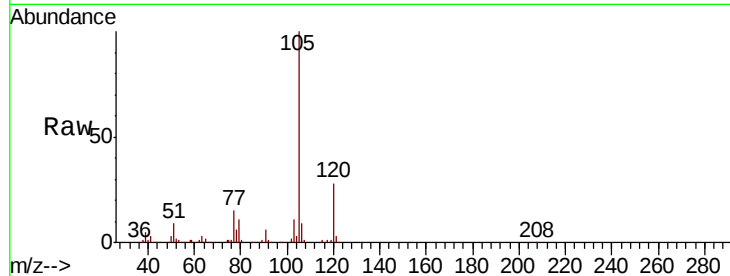
120 27.6 13.8 41.4

Manual Integrations

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11/23/2020 1:39:45 PM



#74

N-ethyl acetate

Concen: 52.257 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion: 43 Resp: 104329

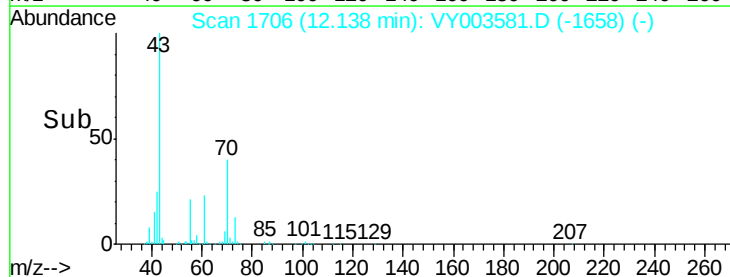
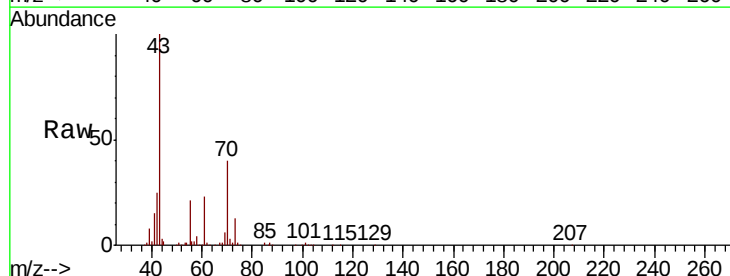
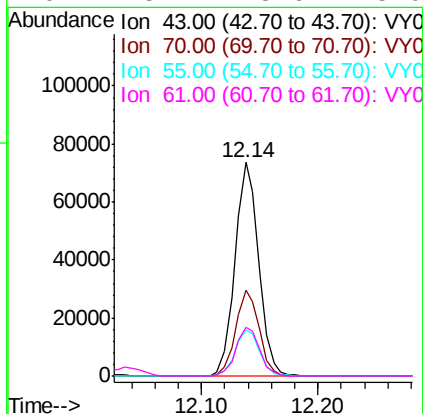
Ion Ratio Lower Upper

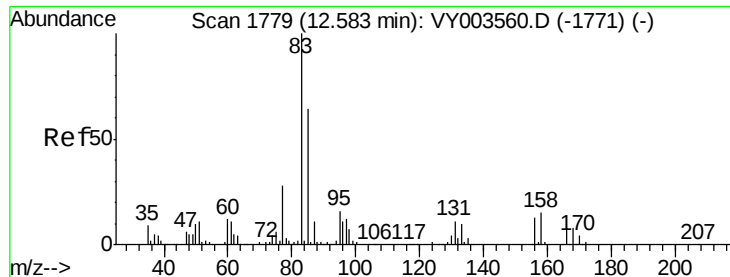
43 100

70 39.9 32.2 48.4

55 22.3 18.6 28.0

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.360 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

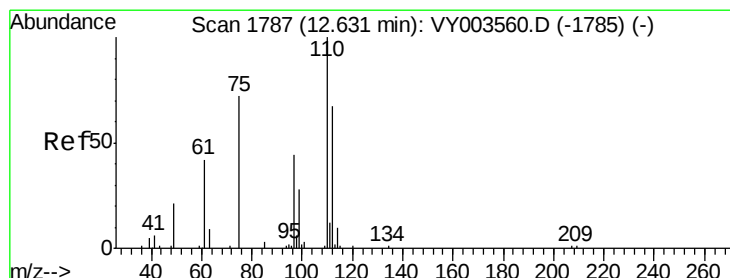
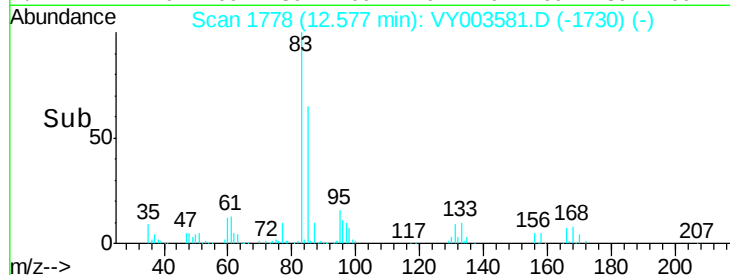
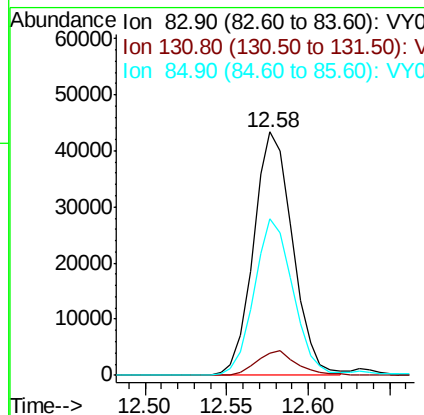
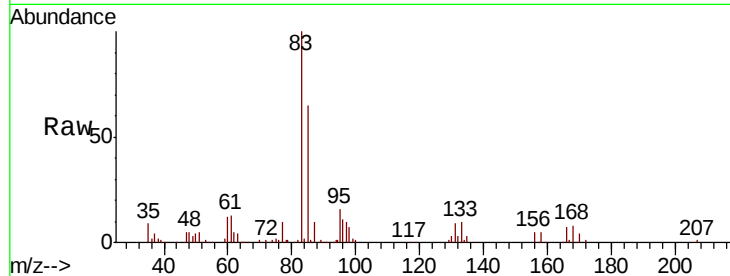
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	72048
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.2	15.6
85	63.7	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.894 ug/l m

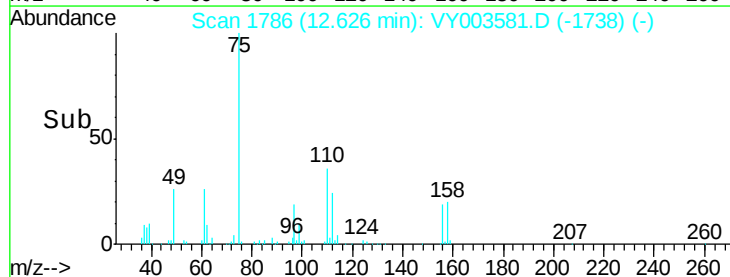
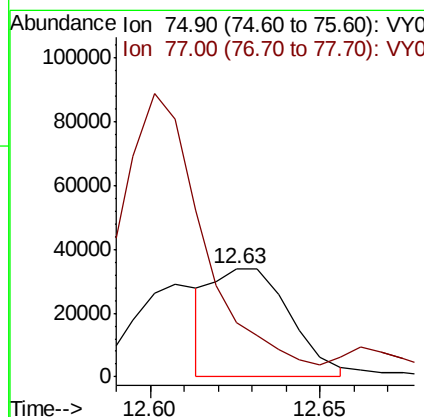
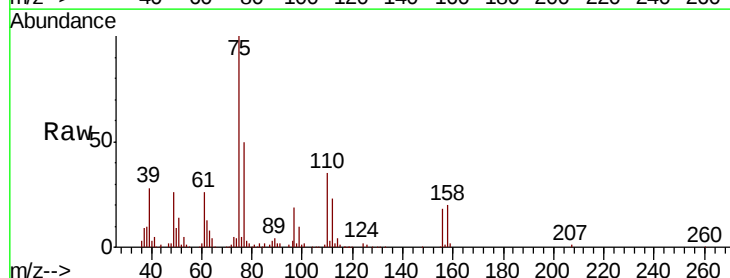
RT: 12.63 min Scan# 1786

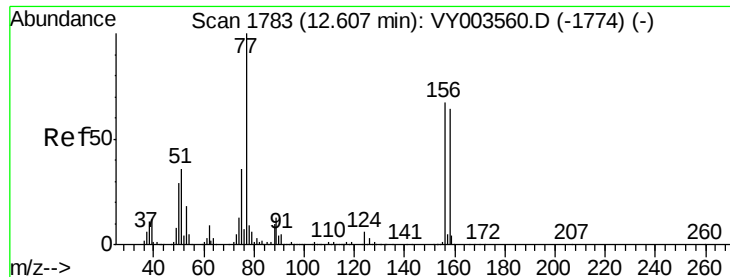
Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	75	Resp:	53861
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





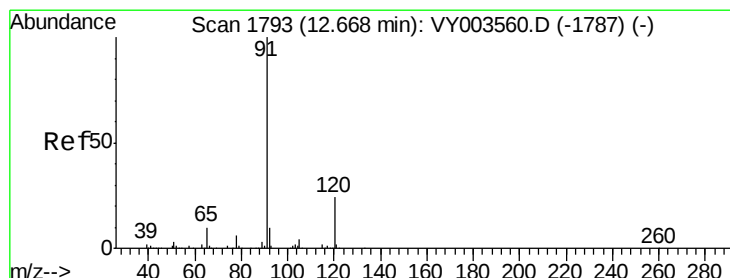
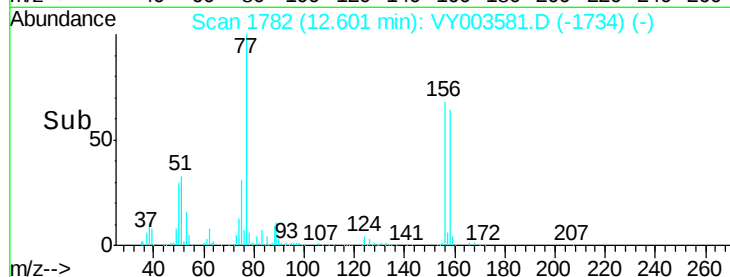
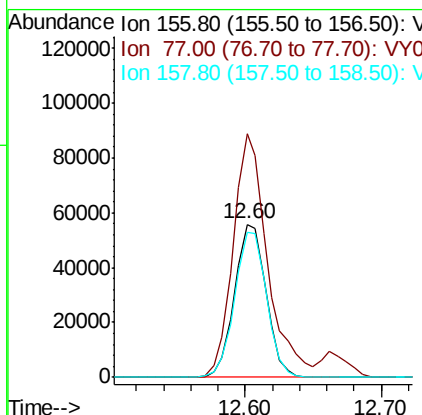
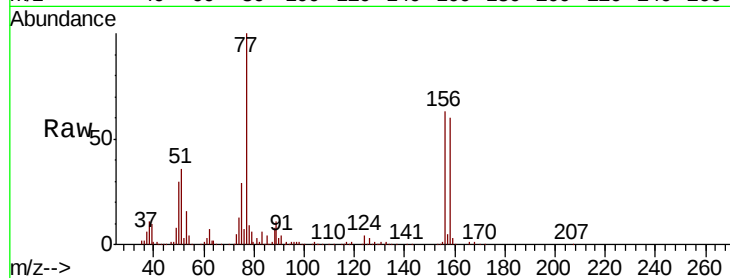
#77
Bromobenzene
Concen: 48.718 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.3	85.7	257.1
158	95.9	48.8	146.4

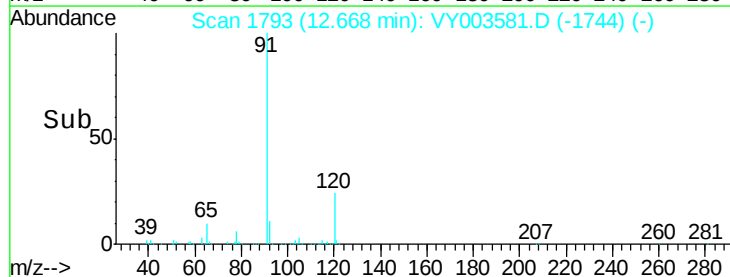
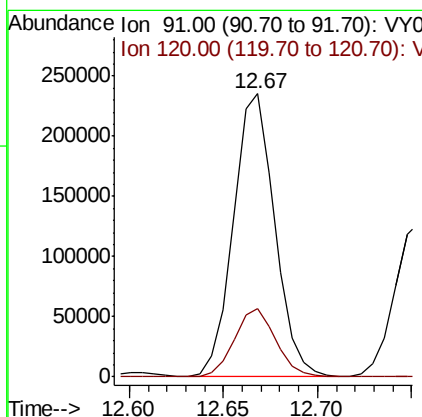
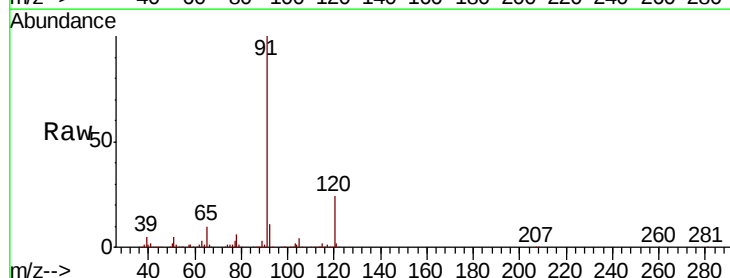
Manual Integrations
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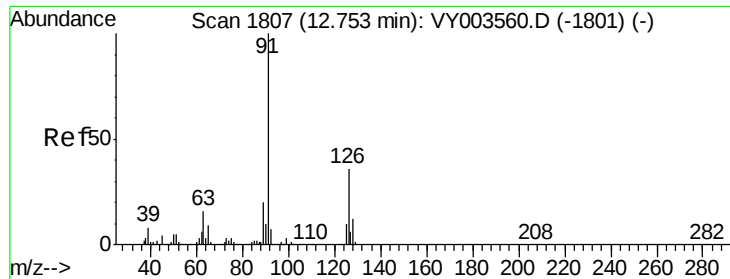
MMDadoda
11/23/2020 1:39:45 PM



#78
n-propylbenzene
Concen: 50.445 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.0	36.1





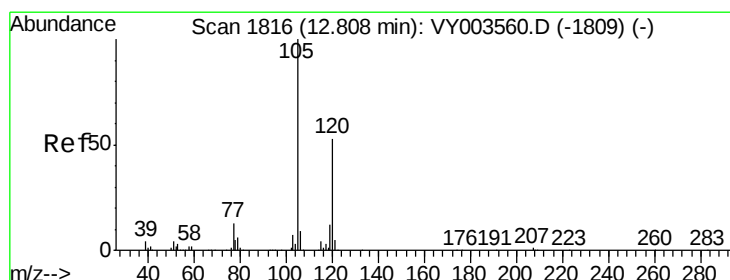
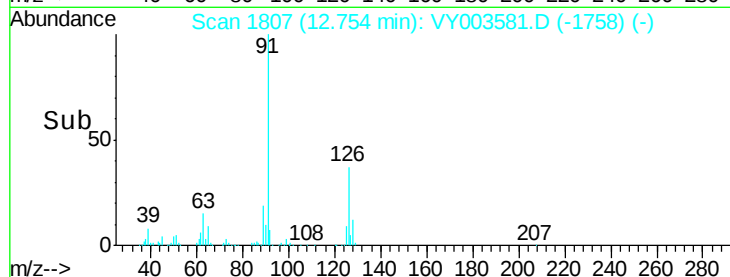
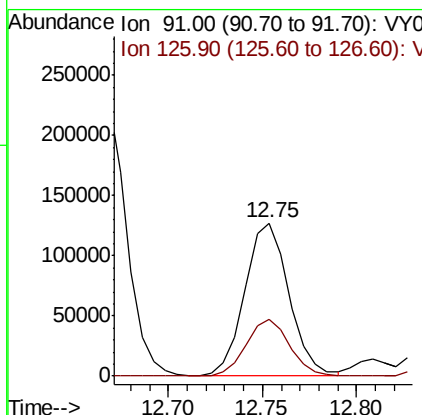
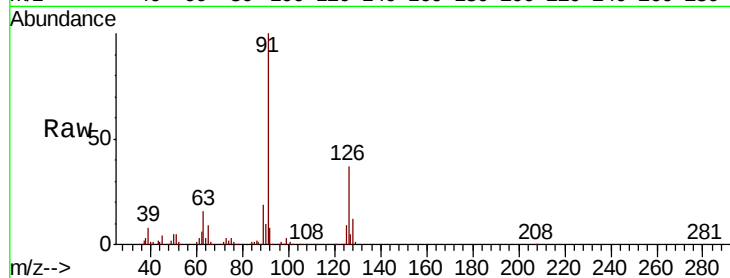
#79
2-Chlorotoluene
Concen: 50.652 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	36.4	18.1	54.3	

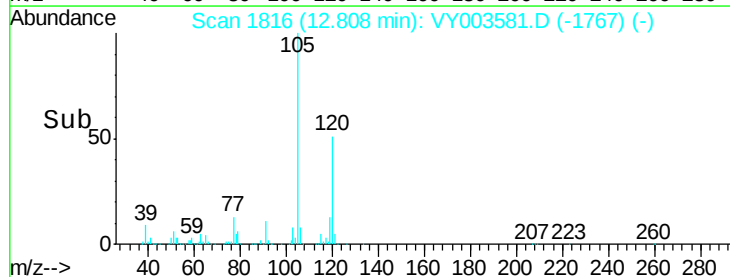
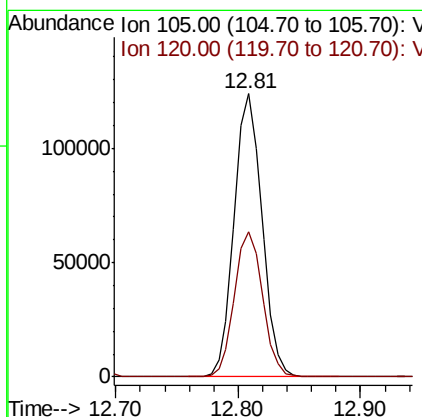
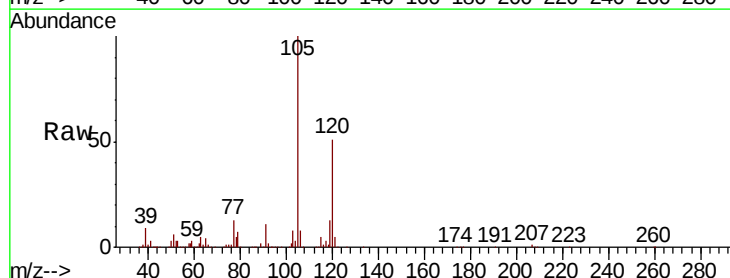
Manual Integrations
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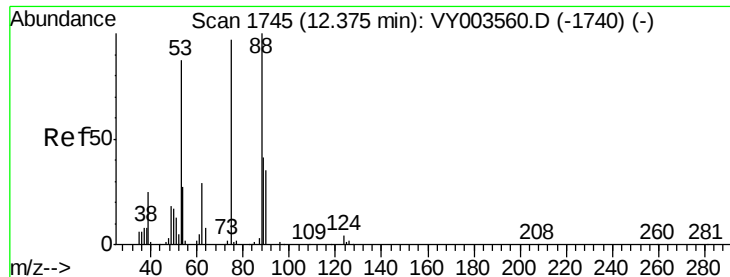
MMDadoda
11/23/2020 1:39:45 PM



#80
1,3,5-Trimethylbenzene
Concen: 51.518 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	51.7	26.3	78.8	





#81

trans-1,4-Dichloro-2-butene

Concen: 46.906 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

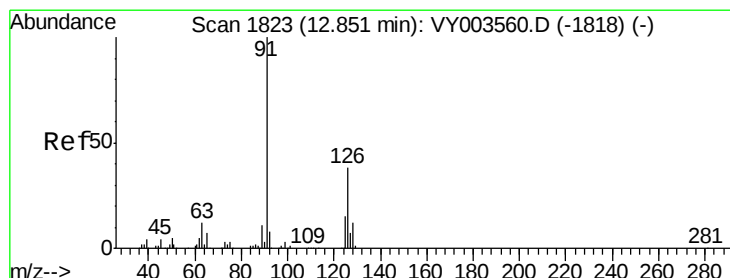
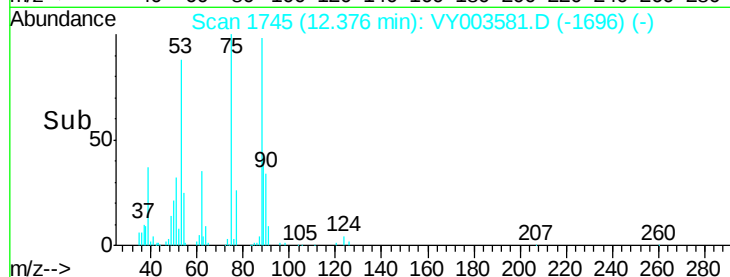
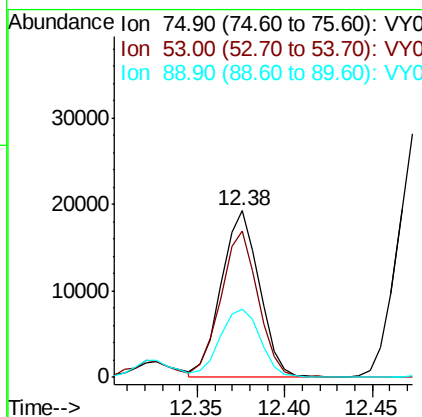
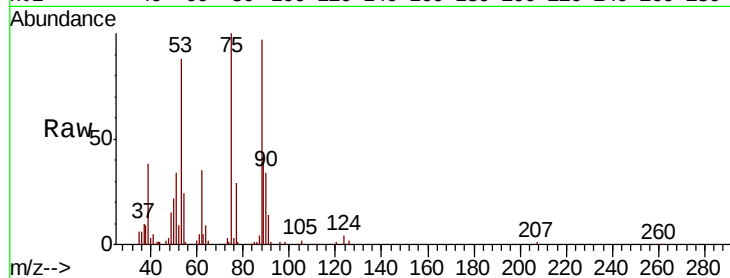
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	28951
Ion	Ratio	Lower	Upper
75	100		
53	87.4	71.4	107.2
89	44.3	34.7	52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.548 ug/l

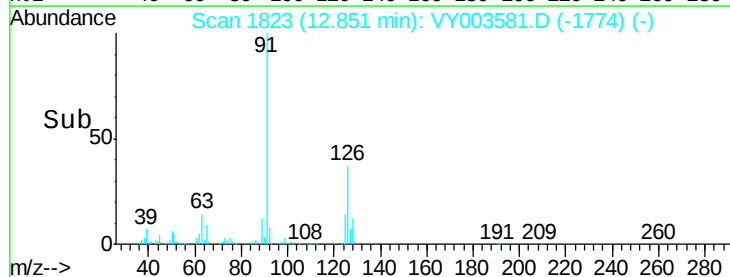
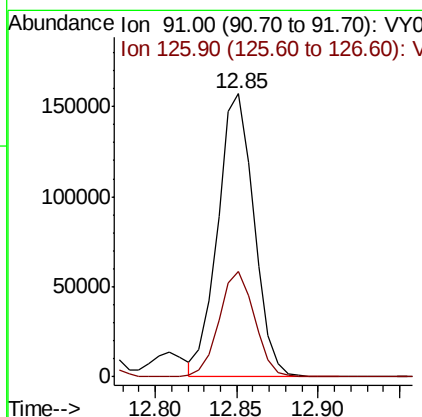
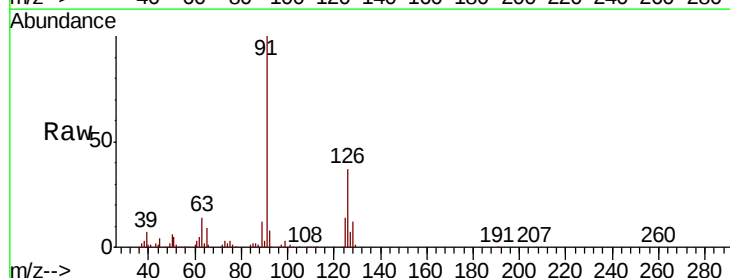
RT: 12.85 min Scan# 1823

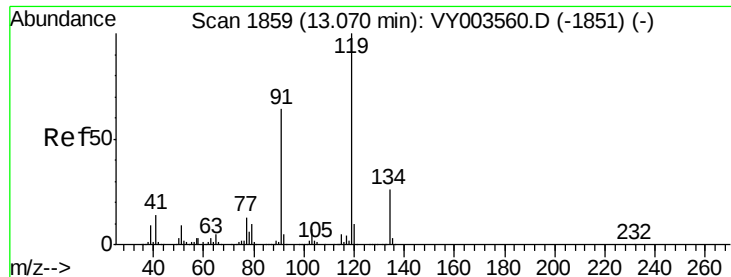
Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	91	Resp:	243160
Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.3





#83

tert-Butylbenzene

Concen: 49.237 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

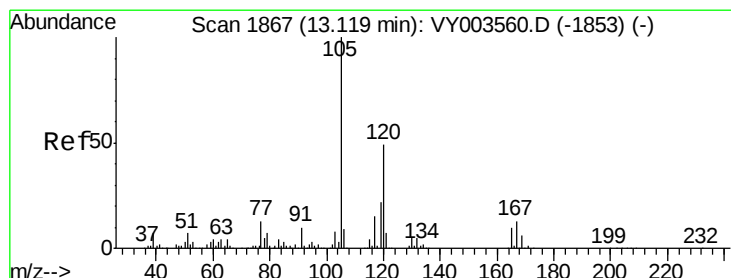
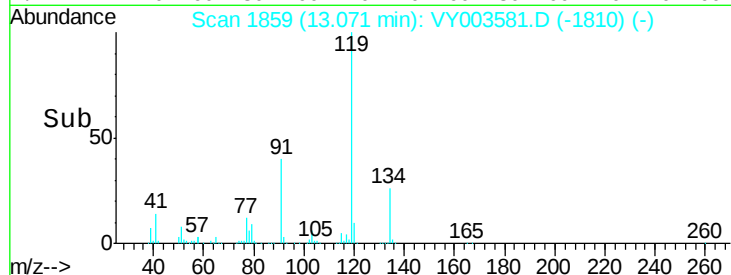
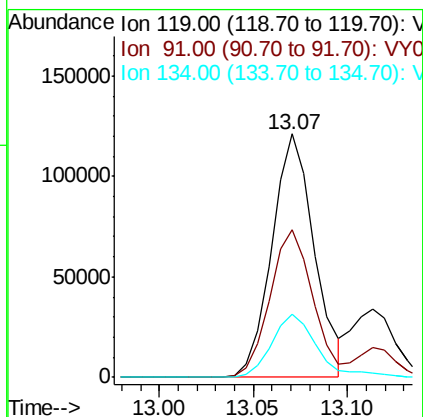
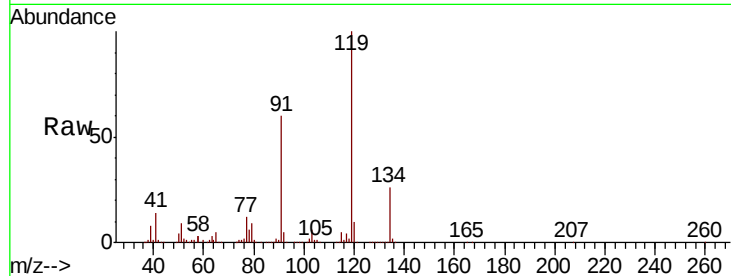
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	188836
Ion Ratio	Lower	Upper	
119	100		
91	62.0	31.8	95.3
134	28.0	14.1	42.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.491 ug/l

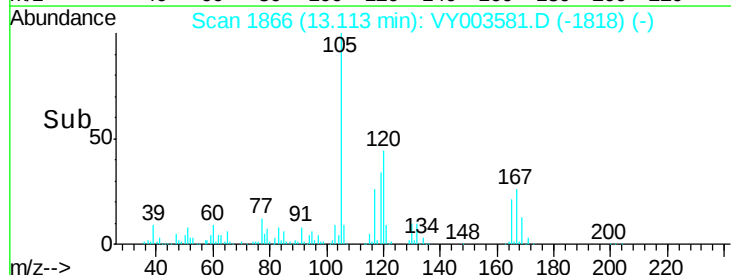
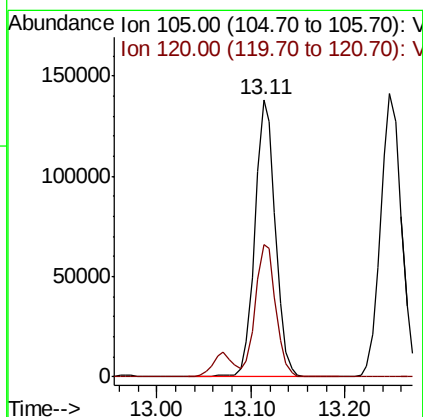
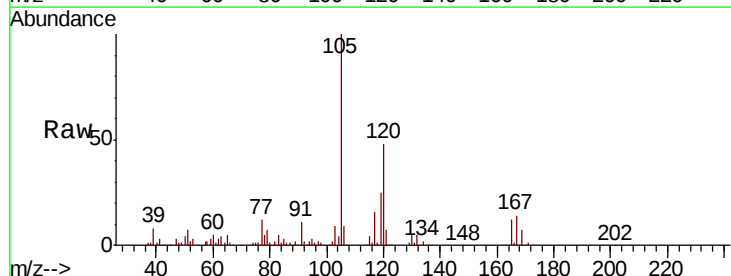
RT: 13.11 min Scan# 1866

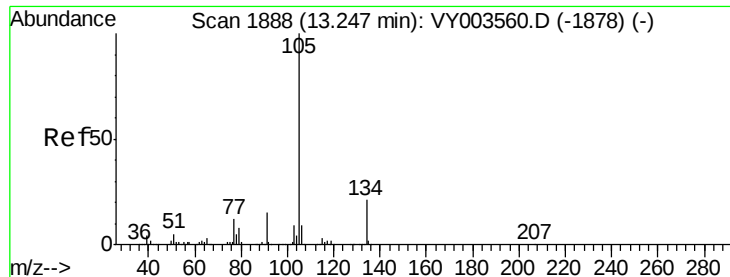
Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion:	105	Resp:	211765
Ion Ratio	Lower	Upper	
105	100		
120	47.7	23.8	71.4





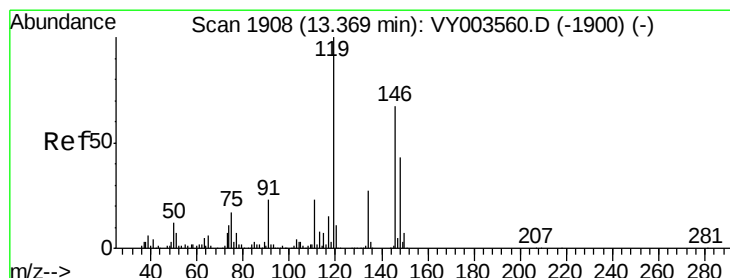
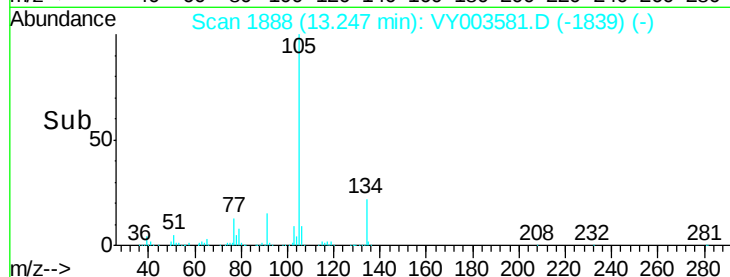
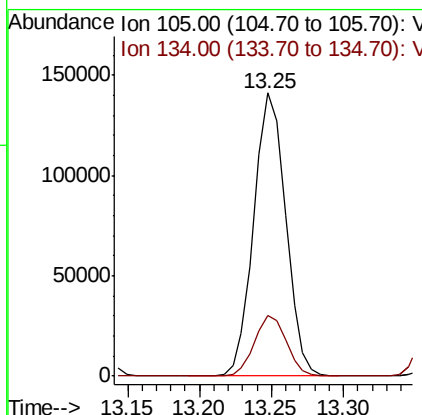
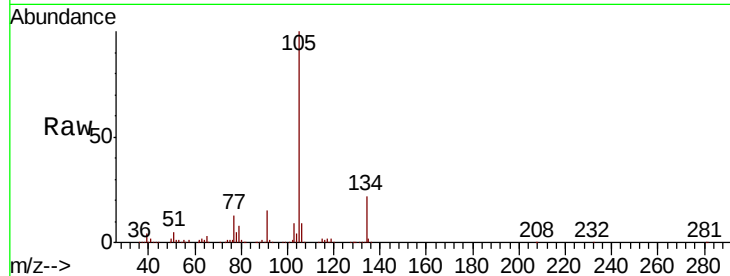
#85
 sec-Butylbenzene
 Concen: 49.926 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.4	31.2

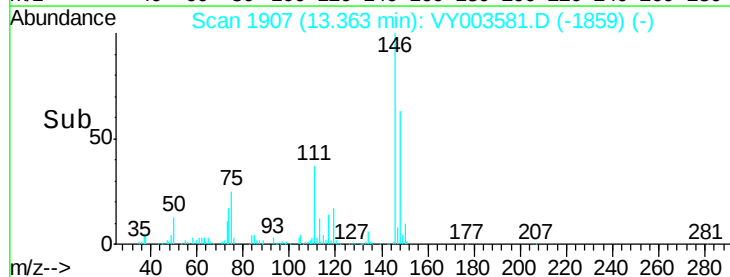
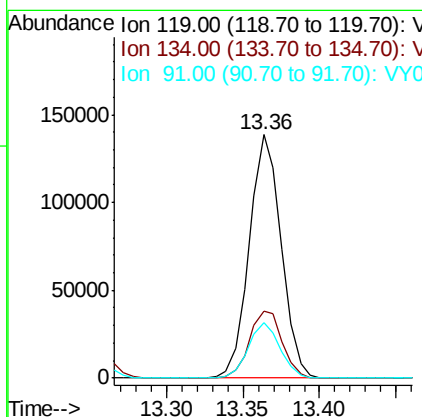
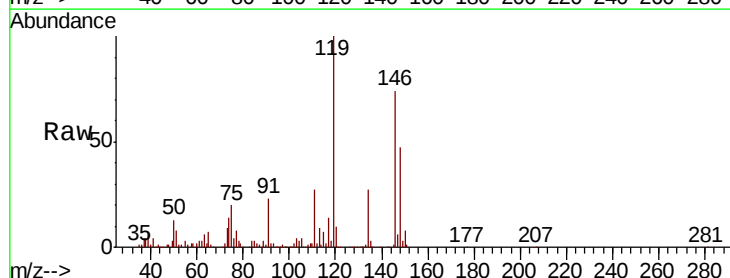
Manual Integrations
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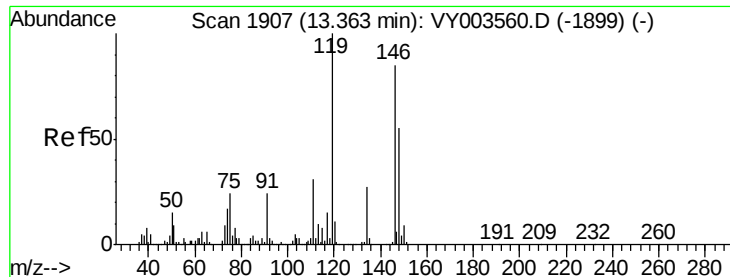
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#86
 p-Isopropyltoluene
 Concen: 51.324 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.4	13.8	41.4
91	22.7	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 49.028 ug/l

RT: 13.36 min Scan# 1906

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

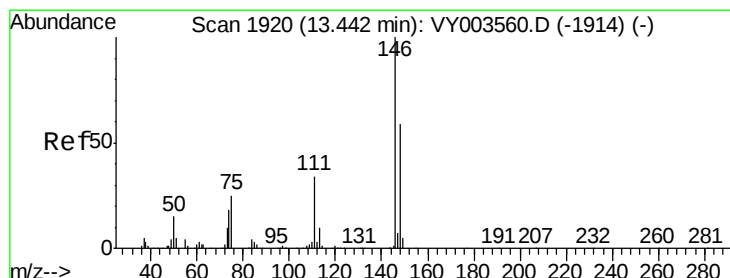
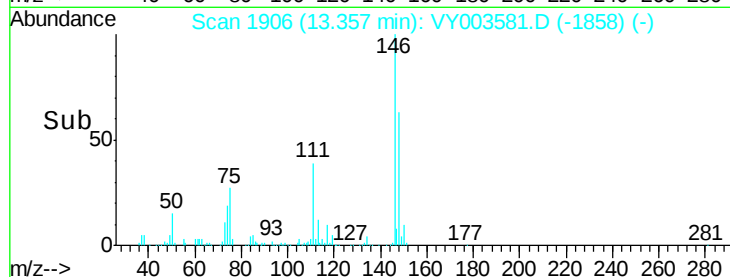
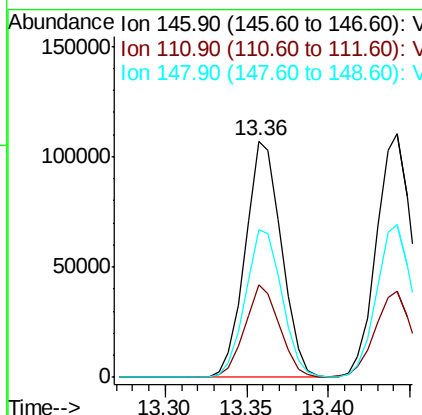
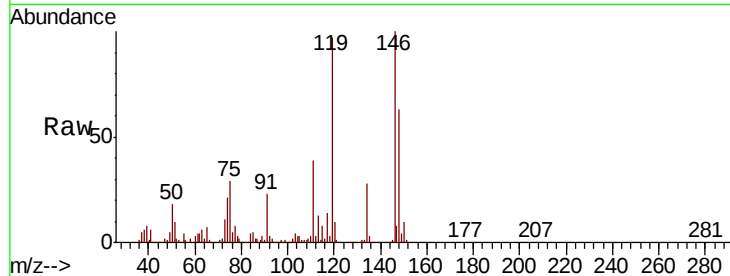
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.9
148	63.1	31.9	95.7

Manual Integrations
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11/23/2020 1:39:45 PM



#88

1,4-Dichlorobenzene

Concen: 48.728 ug/l

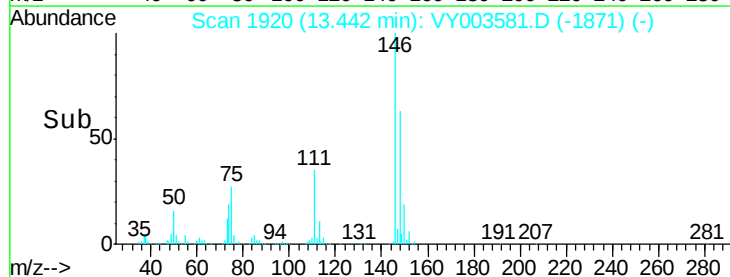
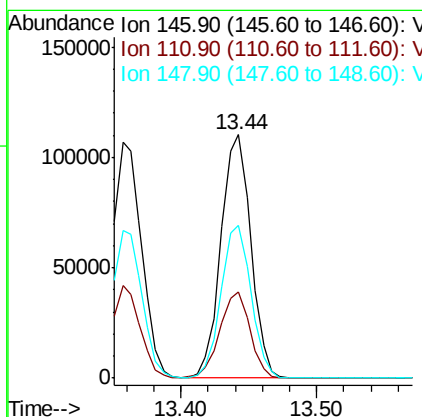
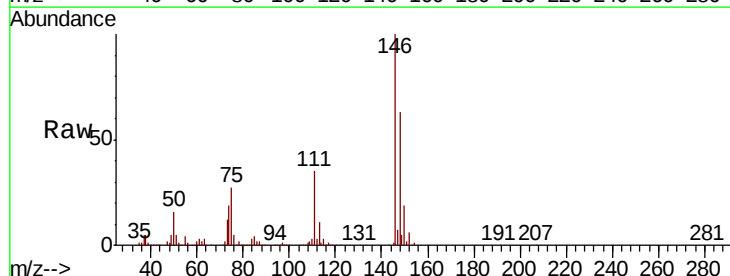
RT: 13.44 min Scan# 1920

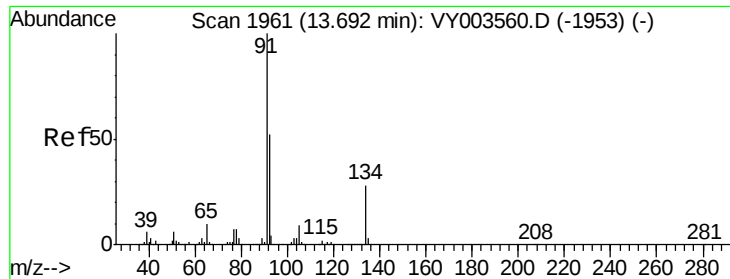
Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	63.2	31.1	93.2





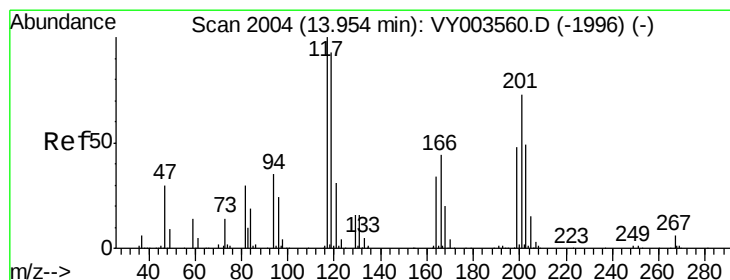
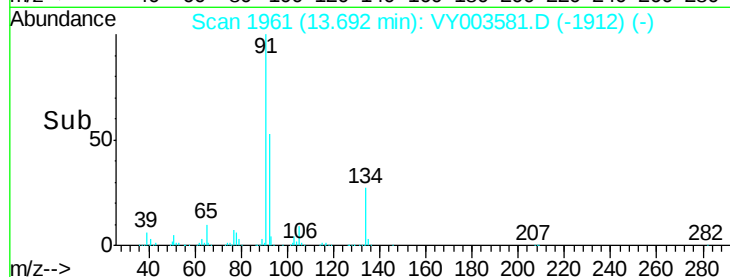
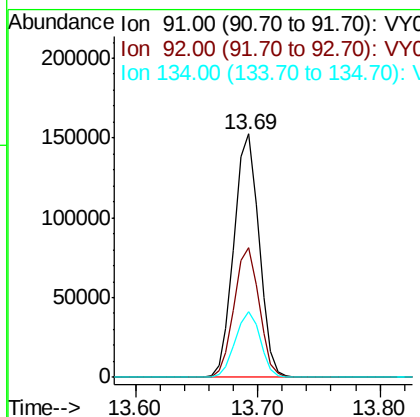
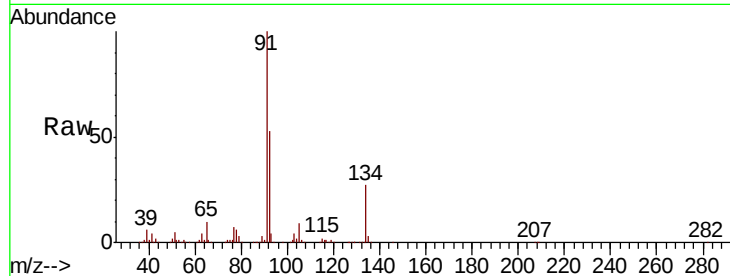
#89
n-Butylbenzene
Concen: 51.774 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.0
134	27.0	13.9	41.7

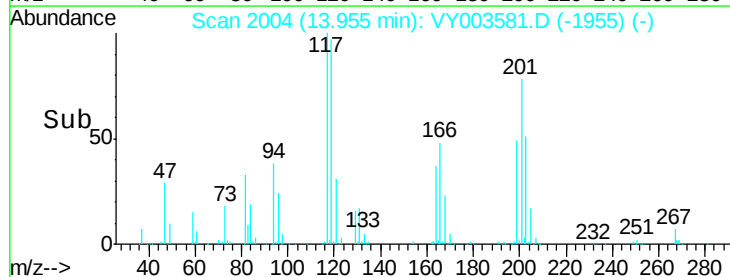
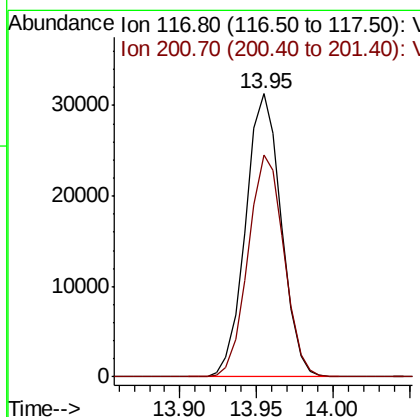
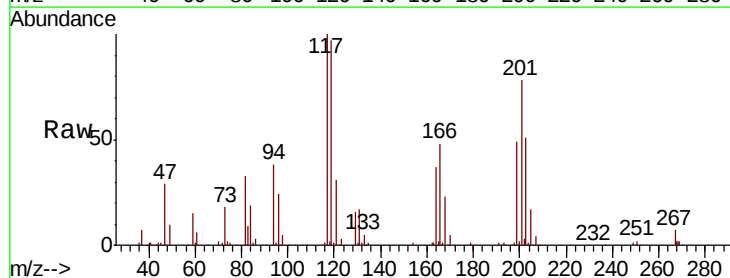
Manual Integrations
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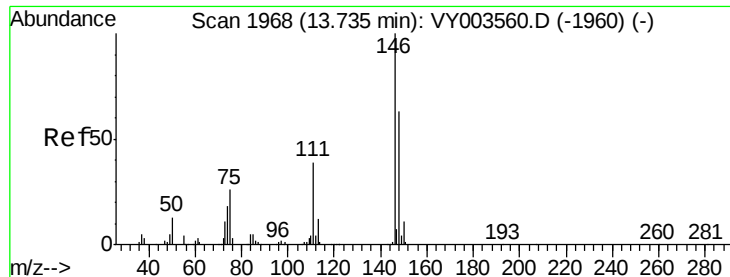
MMDadoda
11/23/2020 1:39:45 PM



#90
Hexachloroethane
Concen: 49.199 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	41.3	123.9





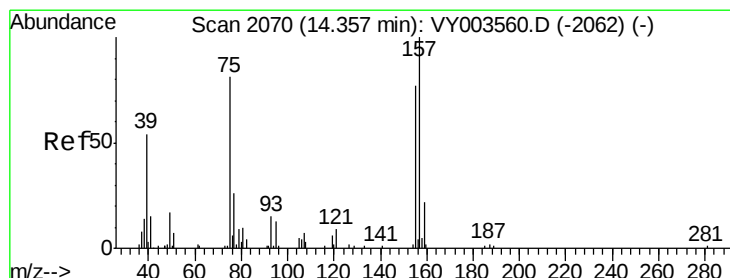
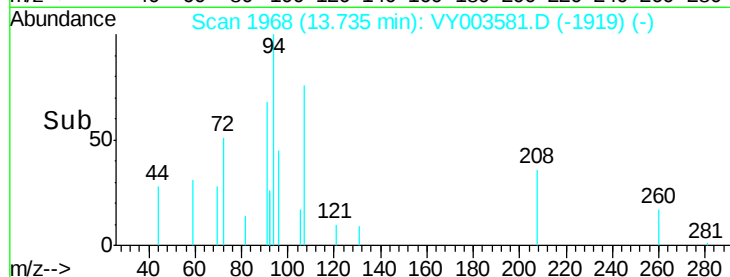
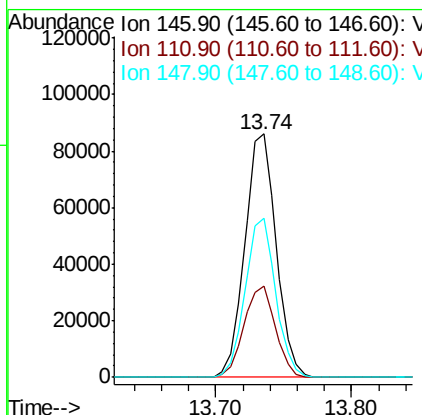
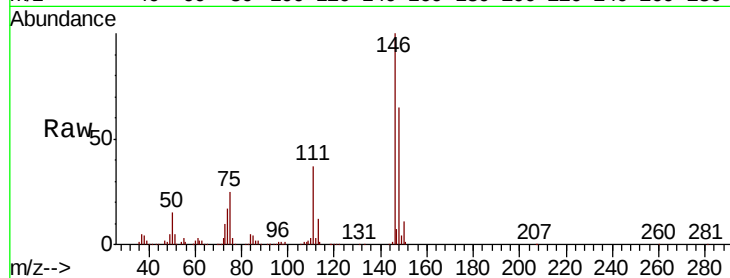
#91
 1,2-Dichlorobenzene
 Concen: 51.408 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	63.6	31.9	95.7

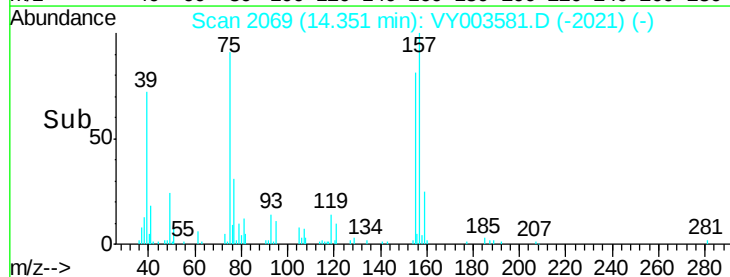
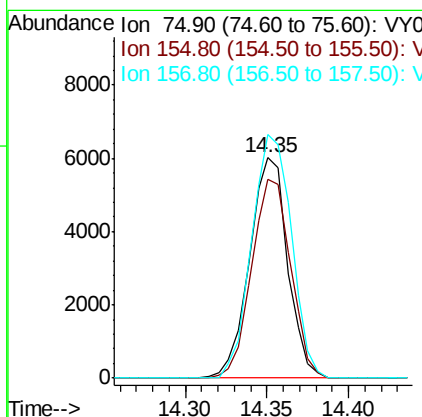
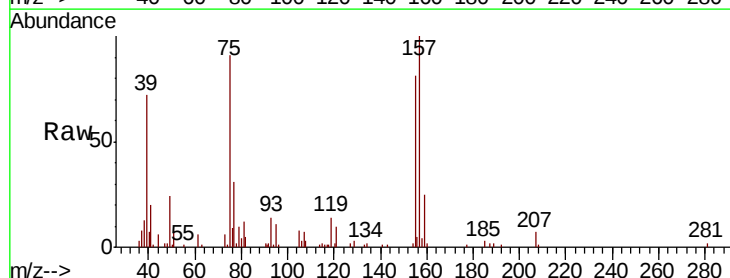
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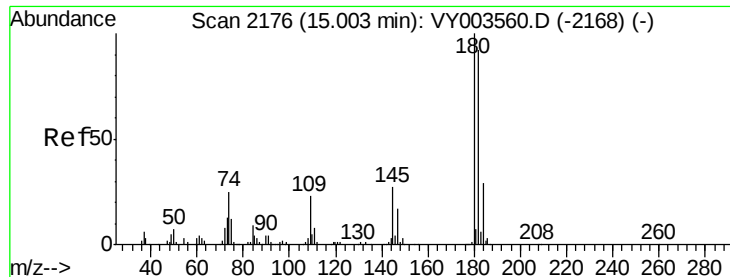
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.587 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	45.4	136.2
157	115.3	59.7	179.1





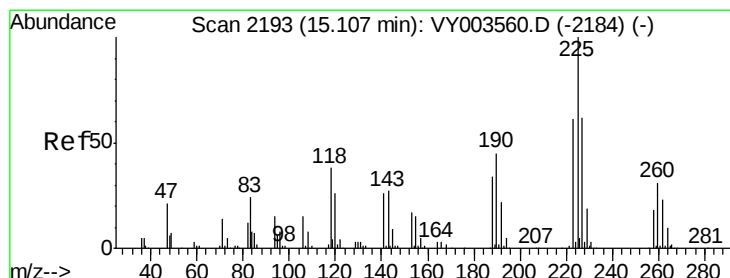
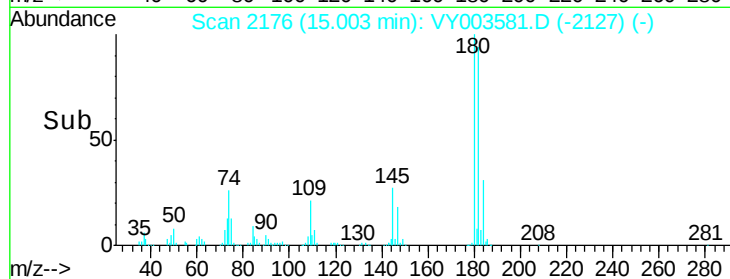
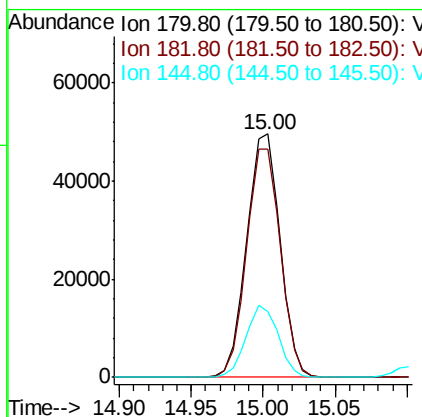
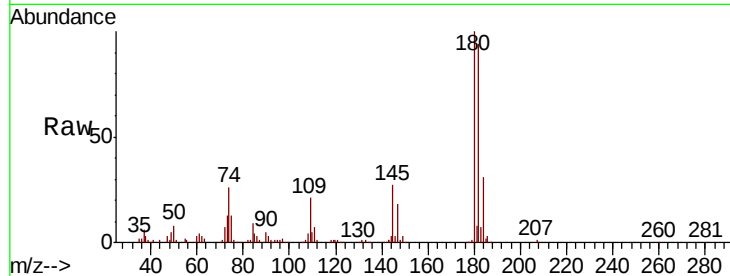
#93
 1,2,4-Trichlorobenzene
 Concen: 52.546 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	28.7	14.1	42.4

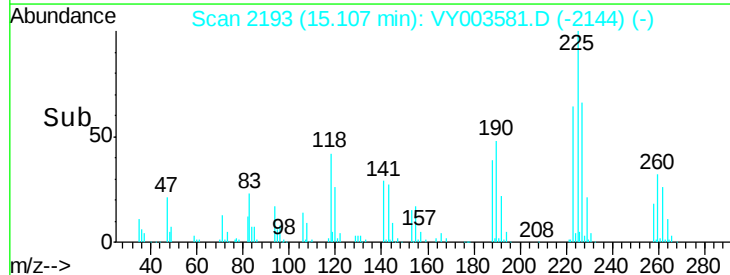
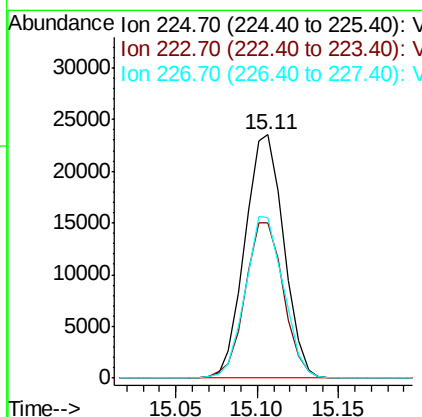
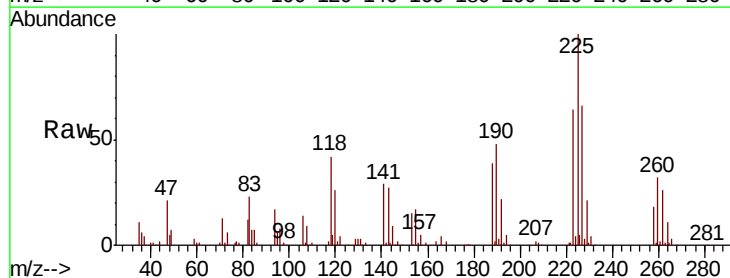
Manual Integrations
 APPROVED

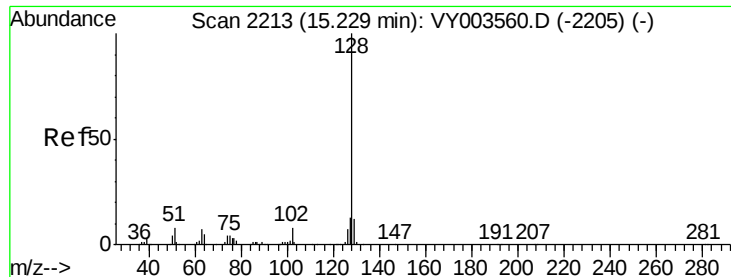
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#94
 Hexachlorobutadiene
 Concen: 46.154 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.0	96.0
227	65.2	31.6	94.7





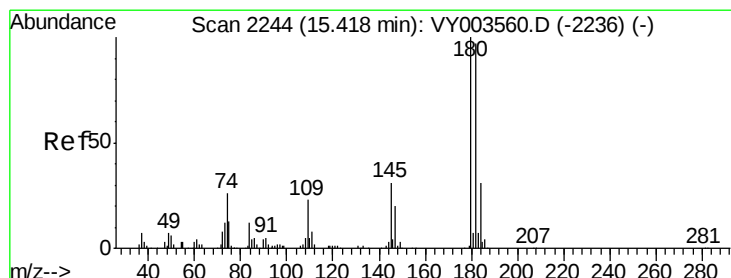
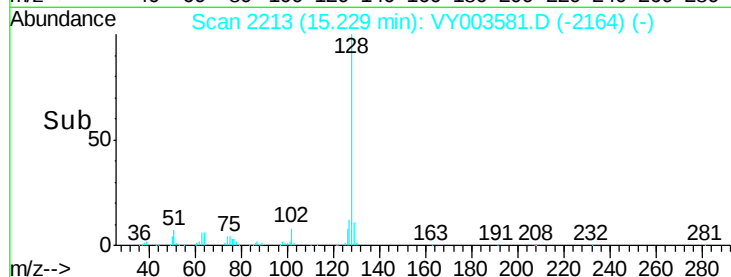
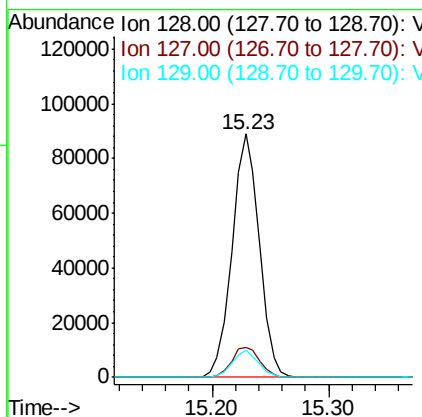
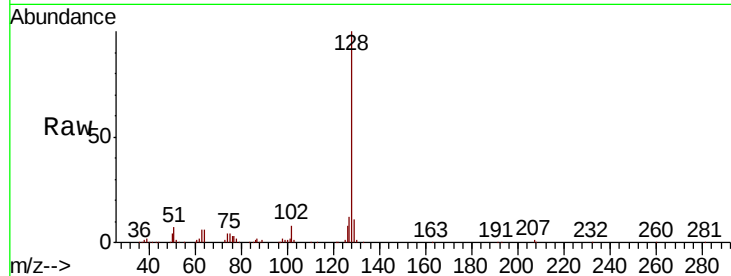
#95
Naphthalene
Concen: 55.911 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	9.0	13.4

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 54.667 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	28.7	15.5	46.5

