

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003481.D
 Acq On : 03 Nov 2020 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:57:36 AM

Quant Time: Nov 04 00:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	385302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	133762	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	7.73	113	117141	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.18	98	480611	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.49	95	162717	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	98399	46.058	ug/l 99
3) Chloromethane	2.12	50	132973	47.280	ug/l 100
4) Vinyl Chloride	2.26	62	146358	46.359	ug/l 100
5) Bromomethane	2.66	94	110765	41.993	ug/l 97
6) Chloroethane	2.80	64	90606	48.152	ug/l 100
7) Trichlorofluoromethane	3.14	101	189234	47.222	ug/l 97
8) Diethyl Ether	3.54	74	62018	50.468	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	109923	49.630	ug/l 99
10) Methyl Iodide	4.11	142	116094	50.970	ug/l 100
11) Tert butyl alcohol	4.98	59	58658	209.929	ug/l 100
12) 1,1-Dichloroethene	3.89	96	108597	49.281	ug/l 99
13) Acrolein	3.74	56	50777	221.032	ug/l 100
14) Allyl chloride	4.49	41	192845	47.967	ug/l 99
15) Acrylonitrile	5.18	53	152653	232.719	ug/l 99
16) Acetone	3.96	43	244399	267.639	ug/l 99
17) Carbon Disulfide	4.21	76	345432	48.387	ug/l 98
18) Methyl Acetate	4.49	43	81227	47.070	ug/l 98
19) Methyl tert-butyl Ether	5.24	73	278097	50.952	ug/l 99
20) Methylene Chloride	4.74	84	120758	46.956	ug/l 97
21) trans-1,2-Dichloroethene	5.24	96	125778	49.293	ug/l 97
22) Diisopropyl ether	6.13	45	357993	50.767	ug/l 97
23) Vinyl Acetate	6.07	43	1320300	249.159	ug/l 99
24) 1,1-Dichloroethane	6.04	63	223822	49.949	ug/l 100
25) 2-Butanone	7.00	43	283153	247.921	ug/l 99
26) 2,2-Dichloropropane	7.00	77	205558	49.240	ug/l 100
27) cis-1,2-Dichloroethene	7.00	96	137420	49.701	ug/l 100
28) Bromochloromethane	7.35	49	115480	51.227	ug/l 100
29) Tetrahydrofuran	7.36	42	138537	232.137	ug/l 99
30) Chloroform	7.52	83	220183	50.028	ug/l 99
31) Cyclohexane	7.80	56	193098	46.540	ug/l 97
32) 1,1,1-Trichloroethane	7.71	97	200914	48.932	ug/l 100
36) 1,1-Dichloropropene	7.92	75	178771	49.211	ug/l 99
37) Ethyl Acetate	7.08	43	106193	47.075	ug/l 99
38) Carbon Tetrachloride	7.91	117	182943	48.543	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	197791	48.897	ug/l	97
40) Benzene	8.17	78	494756	48.938	ug/l	99
41) Methacrylonitrile	7.34	41	66227m	54.978	ug/l	
42) 1,2-Dichloroethane	8.25	62	152637	48.185	ug/l	99
43) Isopropyl Acetate	8.28	43	194415	47.955	ug/l	99
44) Trichloroethene	8.94	130	141027	49.690	ug/l	99
45) 1,2-Dichloropropane	9.22	63	127893	50.094	ug/l	99
46) Dibromomethane	9.31	93	69581	49.538	ug/l	98
47) Bromodichloromethane	9.50	83	173386	50.434	ug/l	99
48) Methyl methacrylate	9.30	41	91265	47.790	ug/l	96
49) 1,4-Dioxane	9.30	88	16005	913.222	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	520383	240.917	ug/l	100
52) Toluene	10.25	92	317418	50.199	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	184500	50.429	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	208636	50.677	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	99008	49.656	ug/l	99
56) Ethyl methacrylate	10.51	69	136706	51.188	ug/l	98
57) 1,3-Dichloropropane	10.79	76	174718	50.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	336764	248.740	ug/l	100
59) 2-Hexanone	10.83	43	401283	250.914	ug/l	99
60) Dibromochloromethane	10.99	129	125234	51.103	ug/l	99
61) 1,2-Dibromoethane	11.09	107	96392	50.075	ug/l	97
64) Tetrachloroethene	10.72	164	124683	47.730	ug/l	99
65) Chlorobenzene	11.52	112	338742	49.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	128926	50.307	ug/l	100
67) Ethyl Benzene	11.60	91	611333	49.612	ug/l	99
68) m/p-Xylenes	11.70	106	466755	99.957	ug/l	99
69) o-Xylene	12.03	106	216271	50.349	ug/l	99
70) Styrene	12.05	104	370986	50.867	ug/l	99
71) Bromoform	12.21	173	84942	49.726	ug/l	99
73) Isopropylbenzene	12.33	105	594160	48.765	ug/l	100
74) N-amyl acetate	12.14	43	166719	48.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125152	48.089	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	96177m	48.734	ug/l	
77) Bromobenzene	12.61	156	148775	48.059	ug/l	98
78) n-propylbenzene	12.67	91	702009	48.915	ug/l	100
79) 2-Chlorotoluene	12.76	91	390352	48.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	498521	49.383	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43938	46.468	ug/l	99
82) 4-Chlorotoluene	12.86	91	413126	49.304	ug/l	99
83) tert-Butylbenzene	13.08	119	437031	48.812	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	499610	49.518	ug/l	100
85) sec-Butylbenzene	13.25	105	597689	49.302	ug/l	100
86) p-Isopropyltoluene	13.37	119	556707	49.516	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	283791	49.211	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	279928	48.816	ug/l	99
89) n-Butylbenzene	13.70	91	514515	50.103	ug/l	100
90) Hexachloroethane	13.96	117	93255	49.285	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	248796	48.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22076	46.859	ug/l	99

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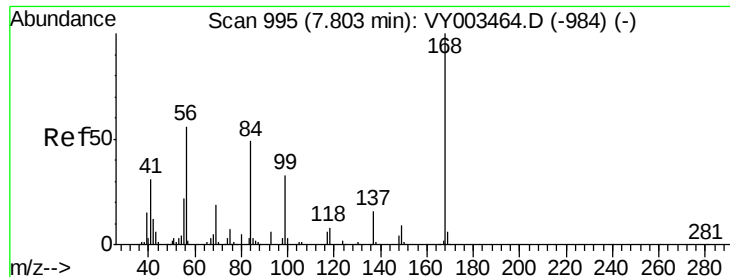
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	180818	49.899	ug/l	100
94) Hexachlorobutadiene	15.11	225	111767	47.947	ug/l	99
95) Naphthalene	15.23	128	356562	49.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	162557	49.870	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 270015

Ion Ratio Lower Upper

168 100

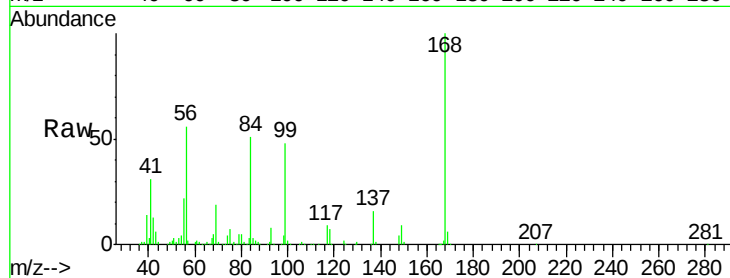
99 48.0 39.7 59.5

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Abundance Ion 167.90 (167.60 to 168.60): VY003481.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003481.D (-946) (-)

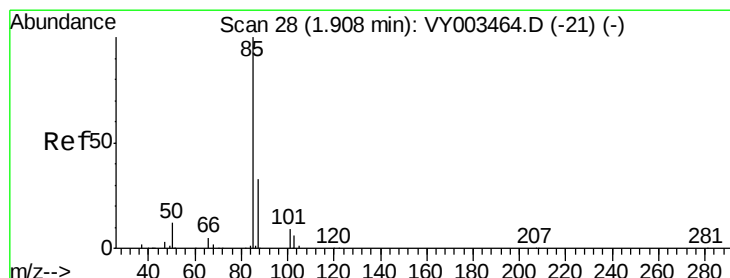
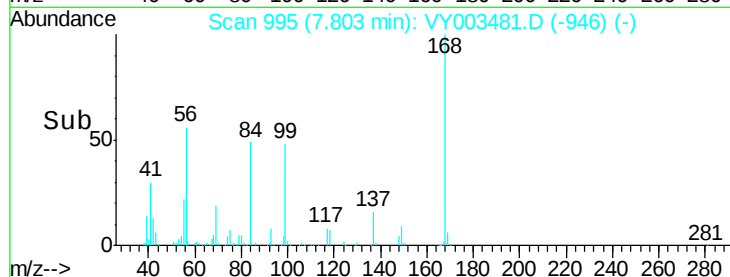
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.058 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY003481.D

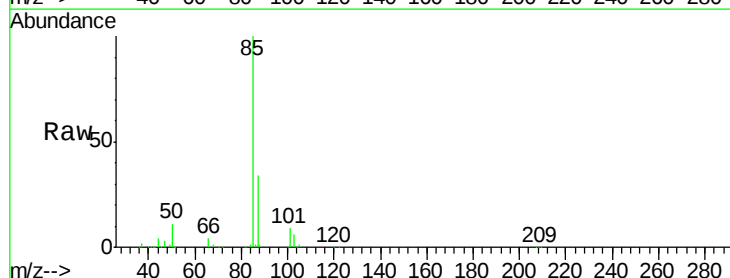
Acq: 03 Nov 2020 10:30

Tgt Ion: 85 Resp: 98399

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003481.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003481.D (-1) (-)

1.91

80000

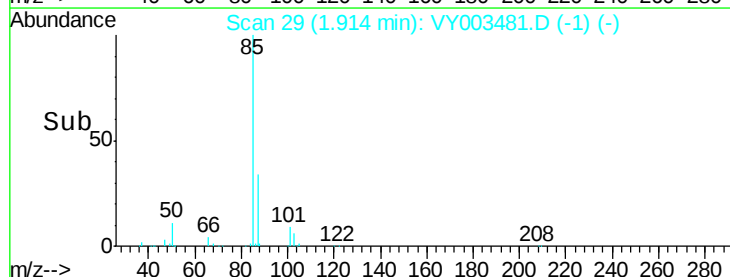
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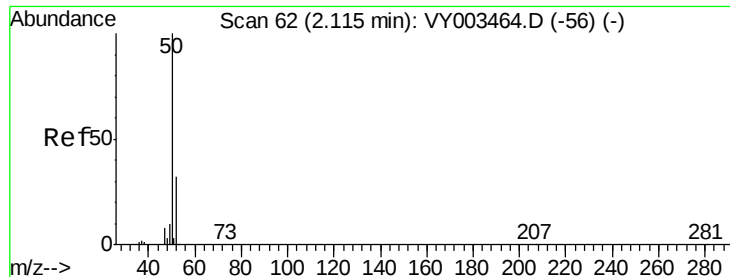
40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.280 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 132973

Ion Ratio Lower Upper

50 100

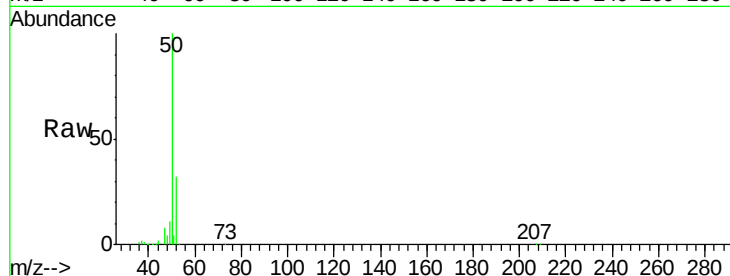
52 32.3 25.6 38.4

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

100000

80000

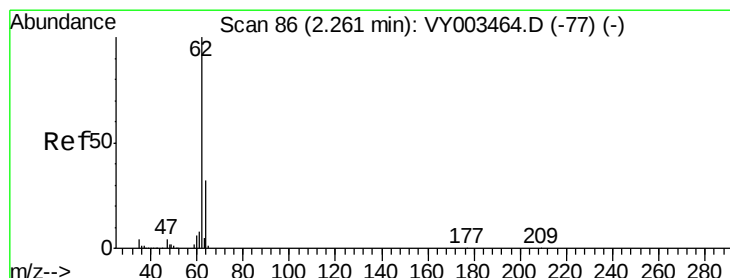
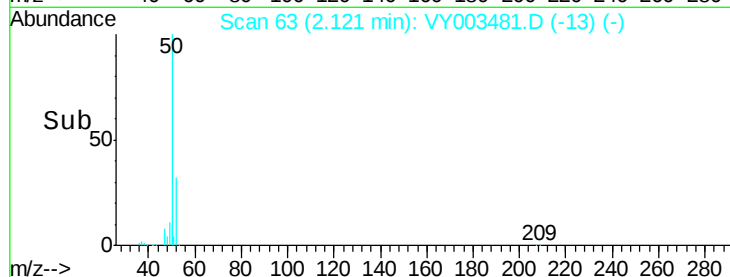
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.359 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003481.D

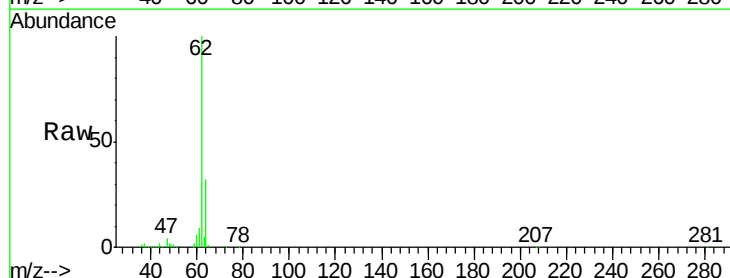
Acq: 03 Nov 2020 10:30

Tgt Ion: 62 Resp: 146358

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

100000

80000

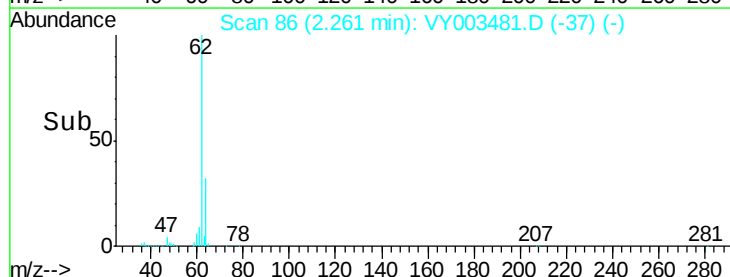
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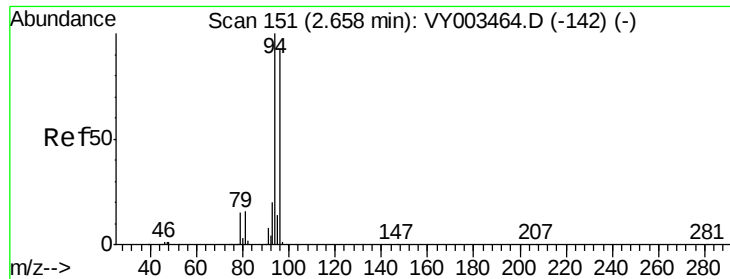
40000

20000

0

Time-->





#5

Bromomethane

Concen: 41.993 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 110765

Ion Ratio Lower Upper

94 100

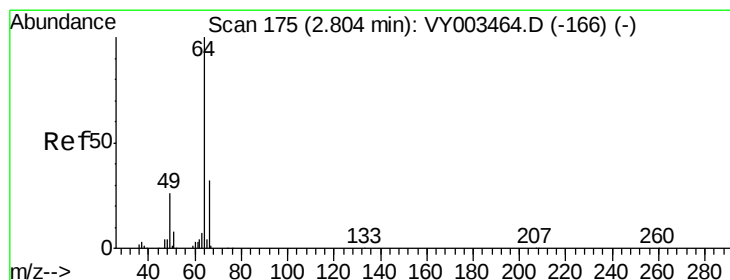
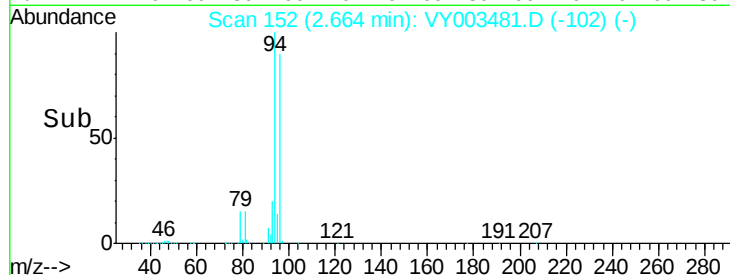
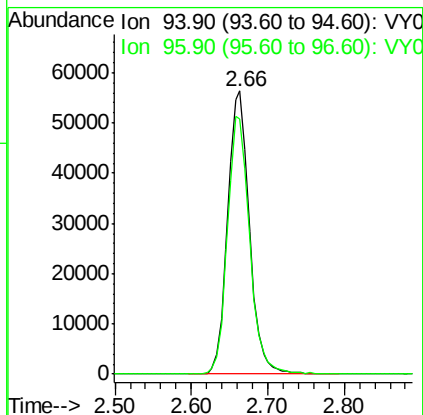
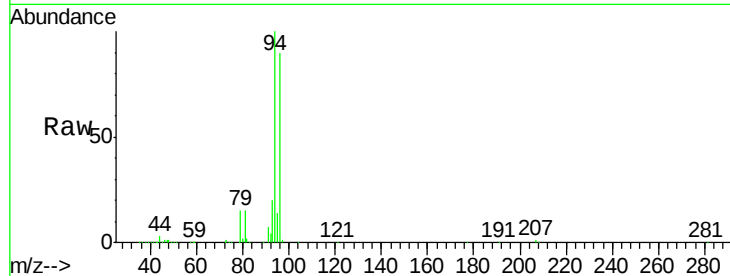
96 90.1 74.6 112.0

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#6

Chloroethane

Concen: 48.152 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003481.D

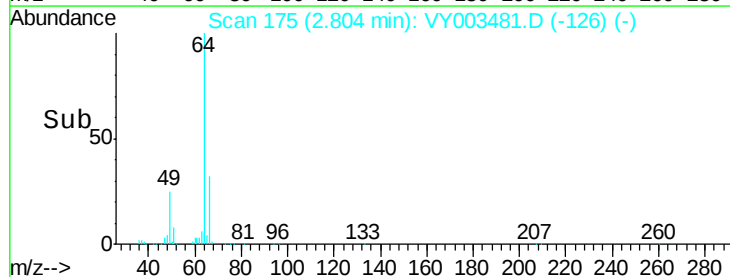
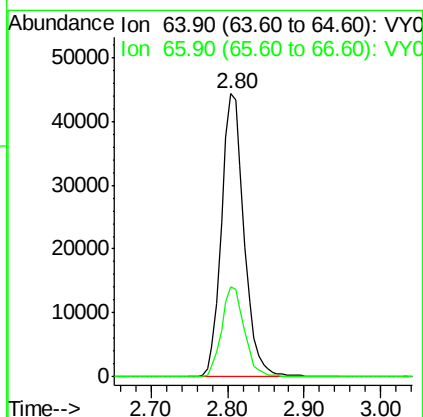
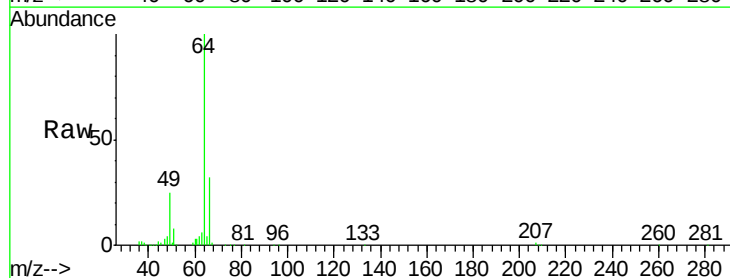
Acq: 03 Nov 2020 10:30

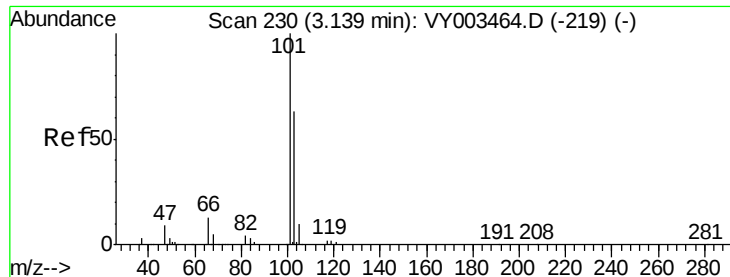
Tgt Ion: 64 Resp: 90606

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

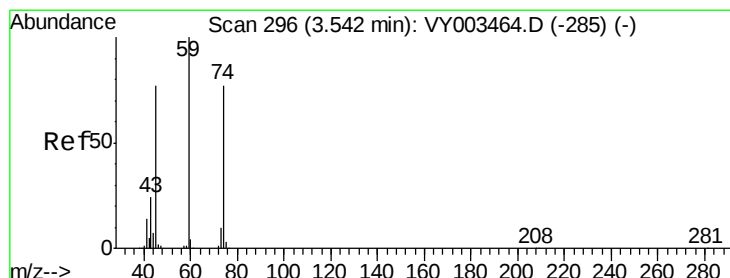
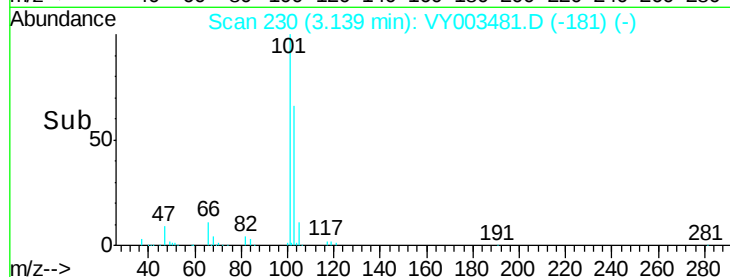
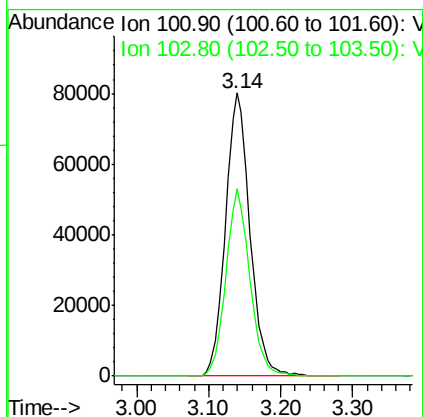
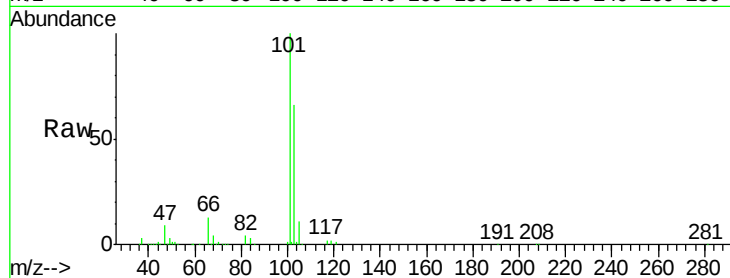
Trichlorofluoromethane
Concen: 47.222 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.7	76.1

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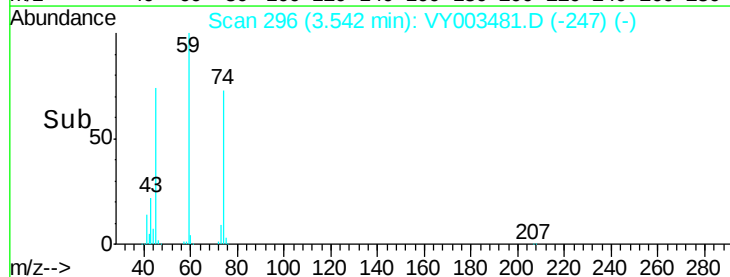
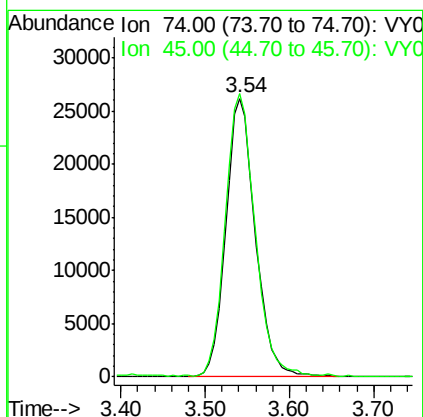
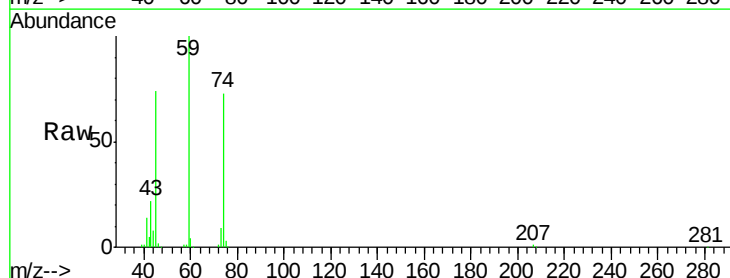
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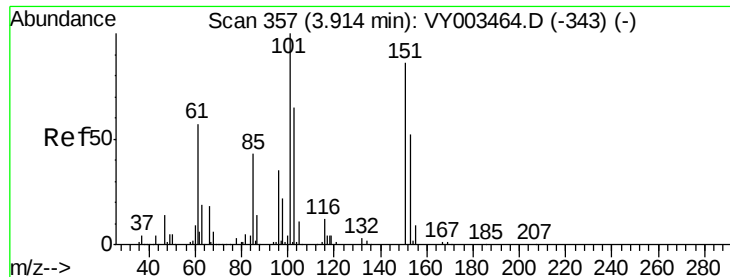


#8

Diethyl Ether
Concen: 50.468 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.630 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

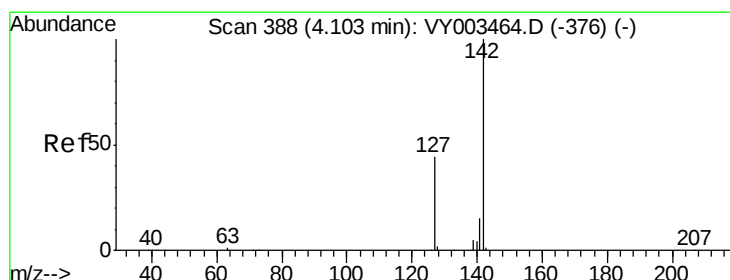
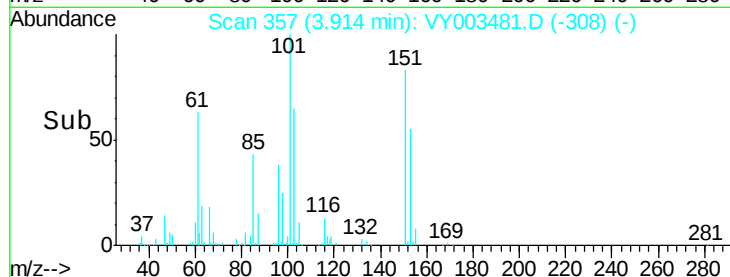
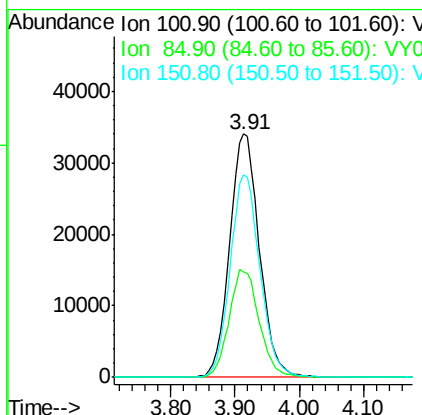
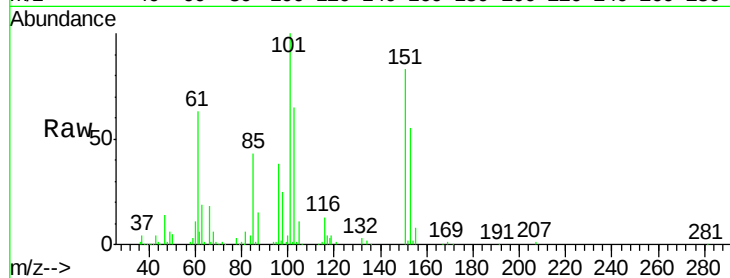
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	109923
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.8	53.8
151	83.3	67.6	101.4

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11/4/2020 11:57:36 AM



#10

Methyl Iodide

Concen: 50.970 ug/l

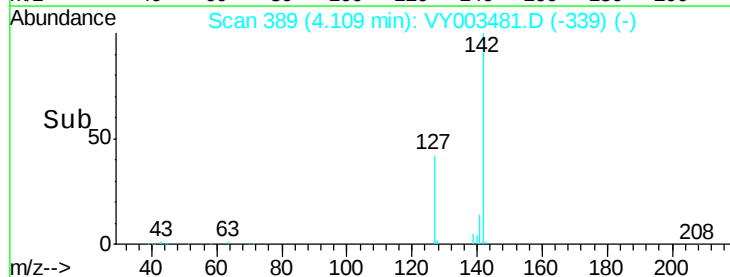
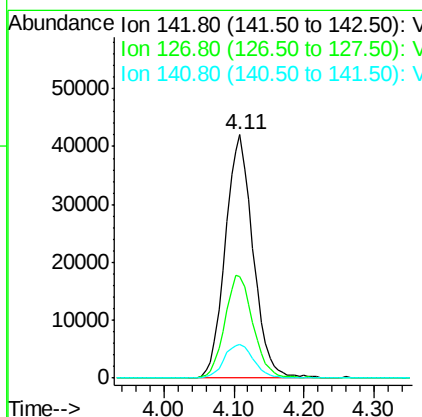
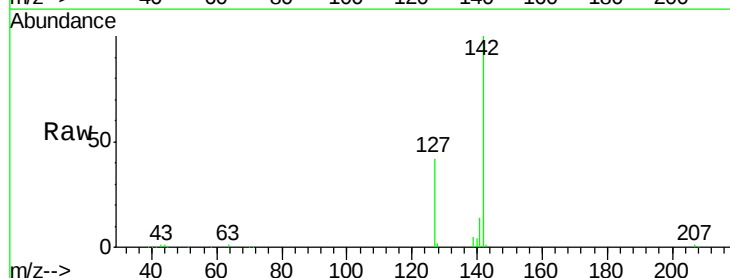
RT: 4.11 min Scan# 389

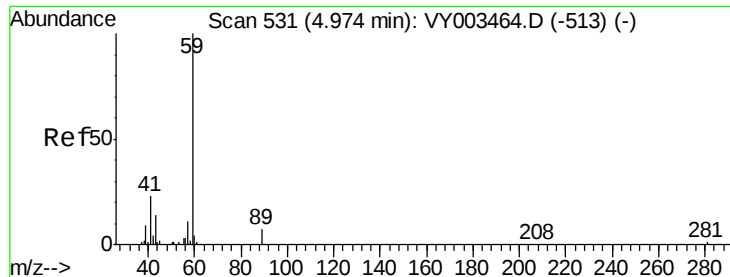
Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:	142	Resp:	116094
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.5	51.7
141	14.6	11.8	17.8





#11

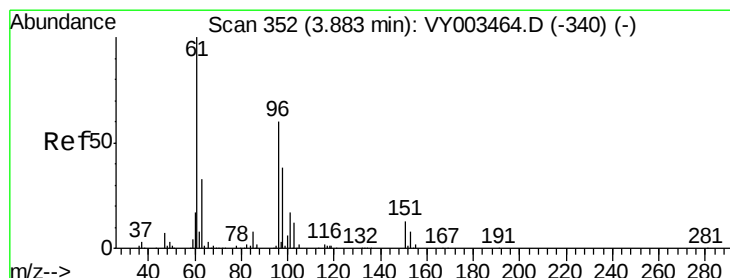
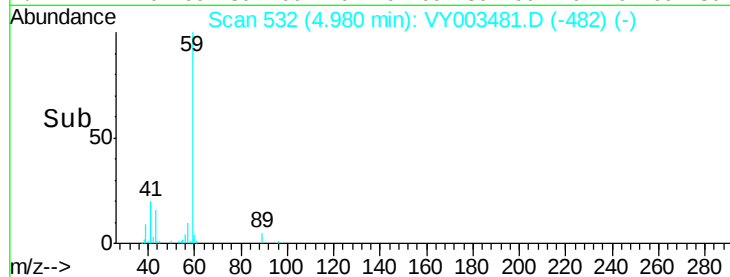
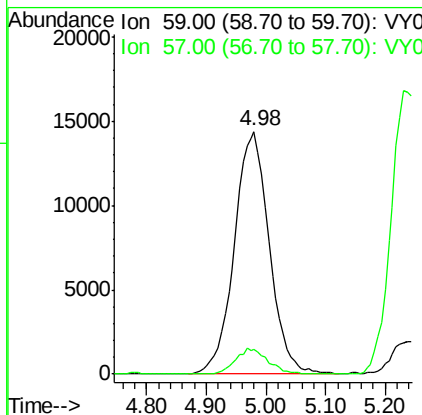
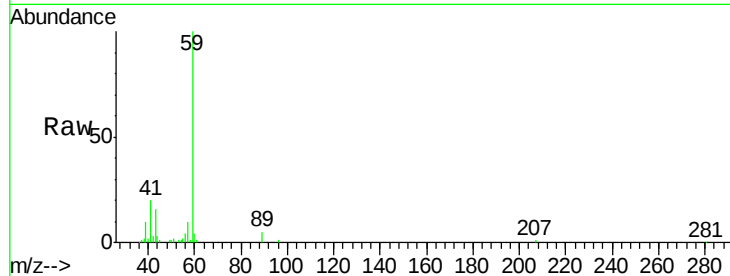
Tert butyl alcohol
Concen: 209.929 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.9	11.9

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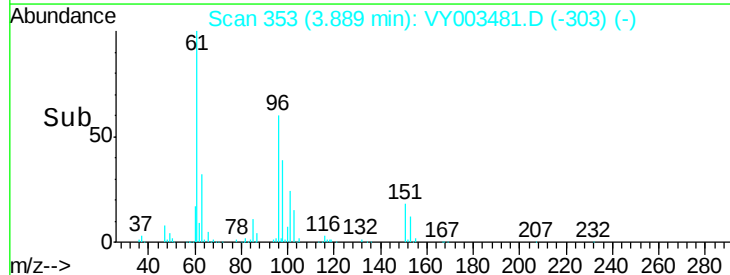
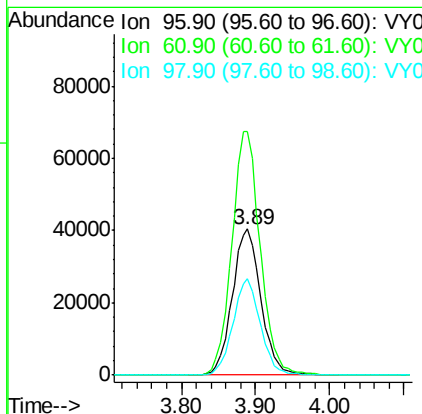
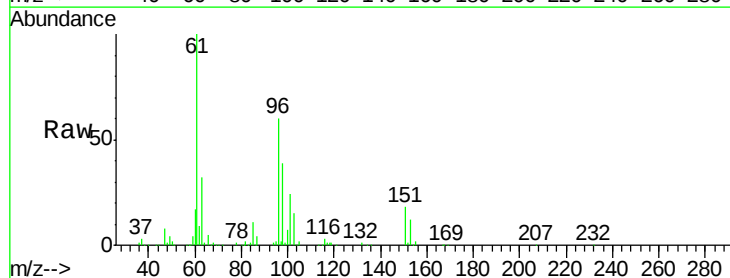
MMDadoda
11/4/2020 11:57:36 AM

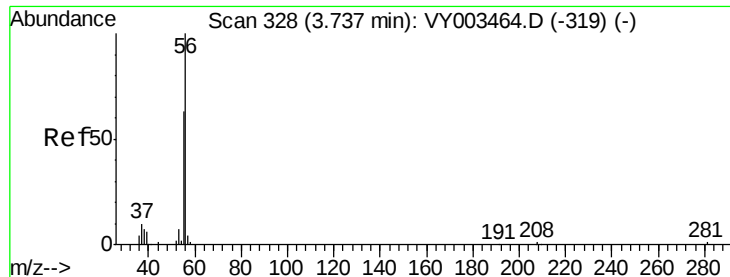


#12

1,1-Dichloroethene
Concen: 49.281 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	133.6	200.4
98	65.9	50.2	75.2





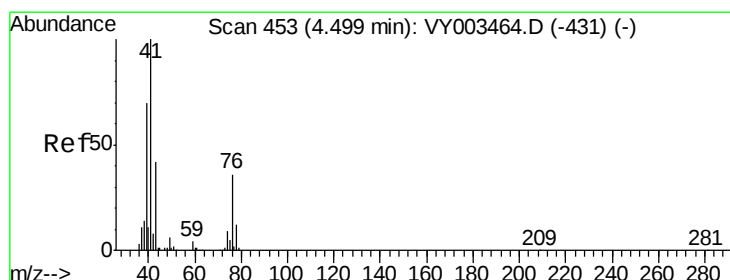
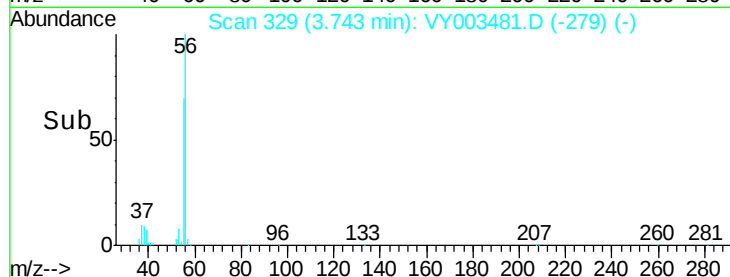
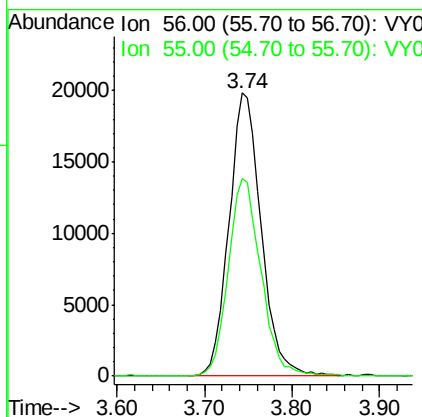
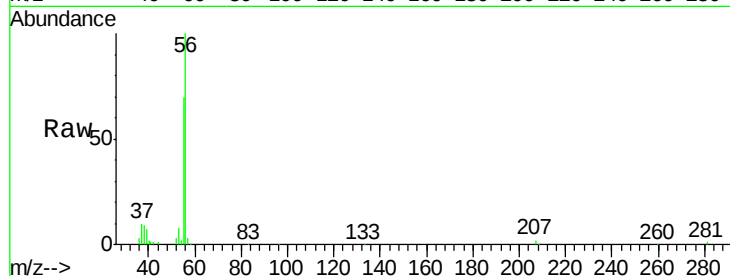
#13
Acrolein
Concen: 221.032 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	50777
Ion Ratio	100	Lower	Upper
55	70.6	56.6	85.0

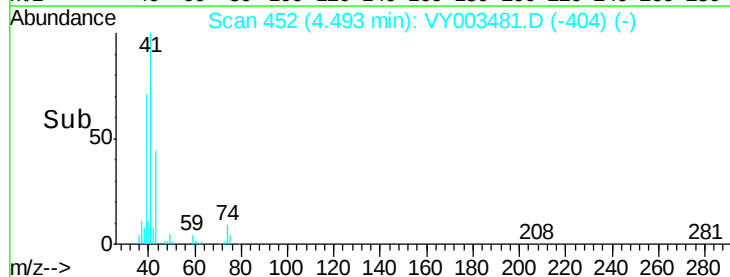
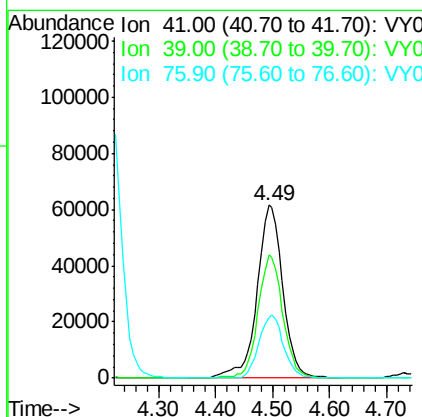
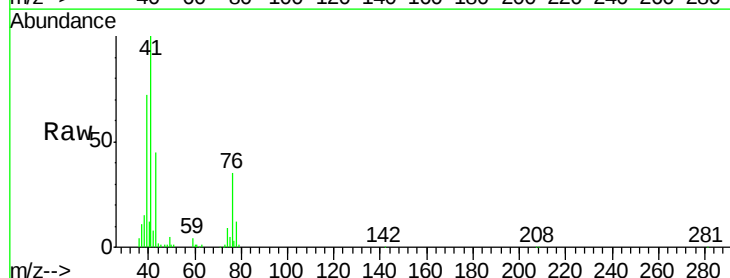
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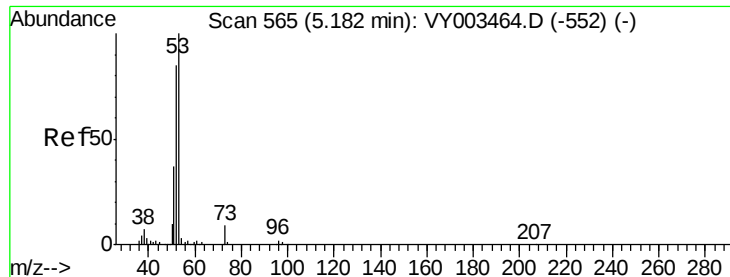
MMDadoda
11/4/2020 11:57:36 AM



#14
Allyl chloride
Concen: 47.967 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	41	Resp	192845
Ion Ratio	100	Lower	Upper
39	68.7	54.4	81.6
76	35.1	27.6	41.4





#15

Acrylonitrile

Concen: 232.719 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

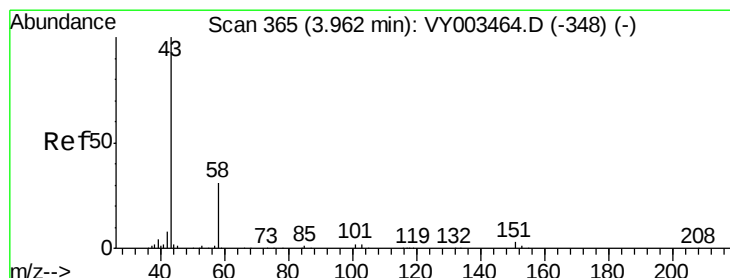
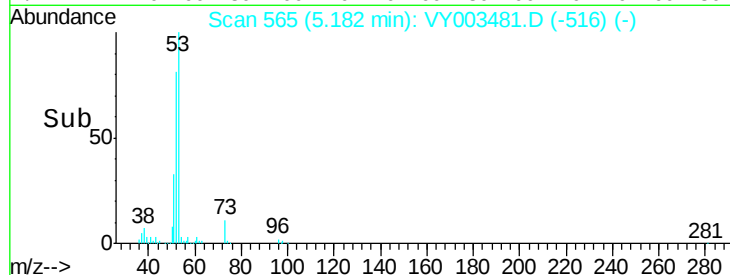
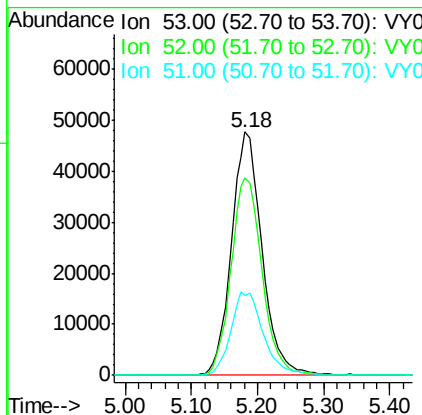
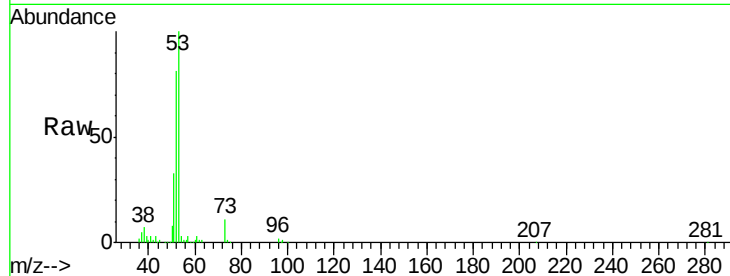
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	152653
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.9	100.3
51	36.6	29.3	43.9

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#16

Acetone

Concen: 267.639 ug/l

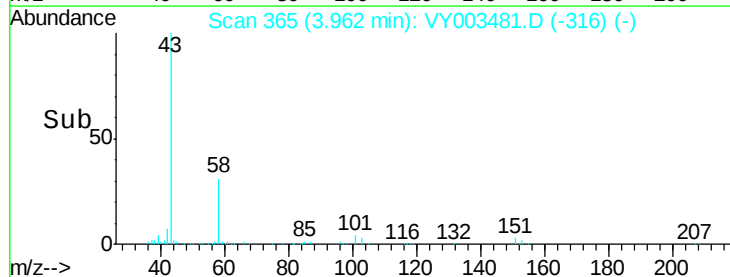
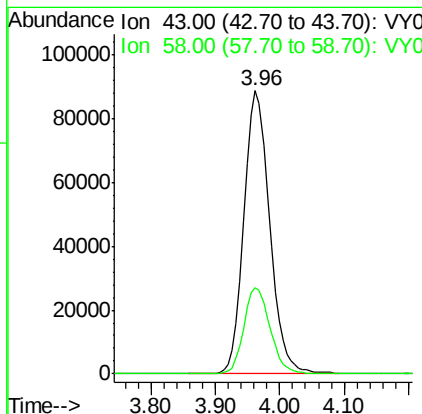
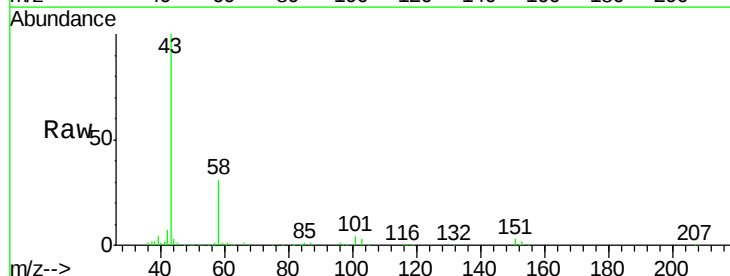
RT: 3.96 min Scan# 365

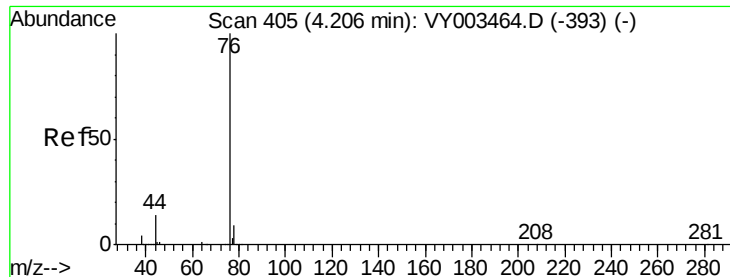
Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:	43	Resp:	244399
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.0	37.4





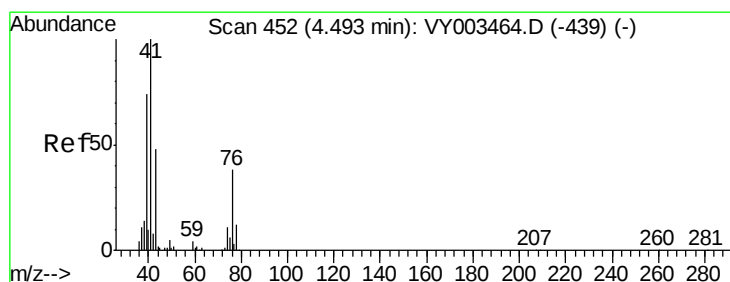
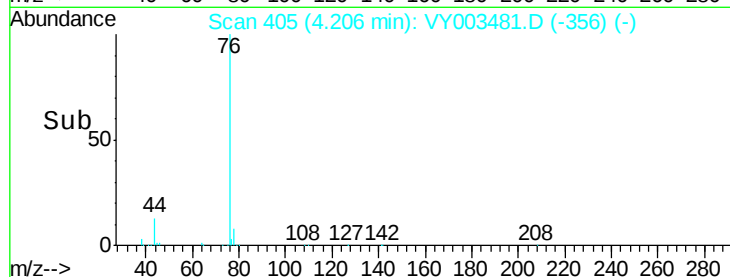
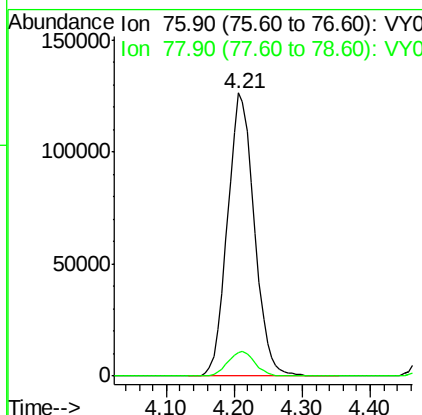
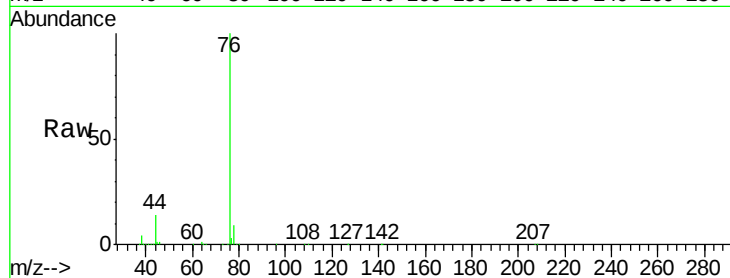
#17
Carbon Disulfide
Concen: 48.387 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

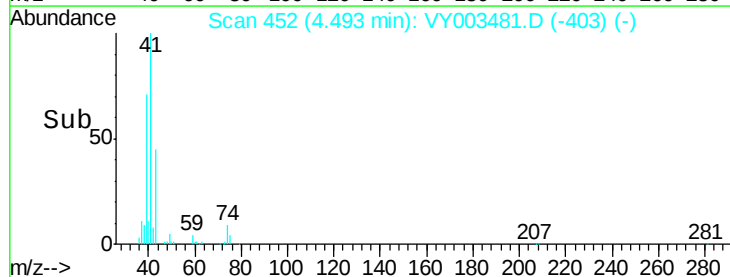
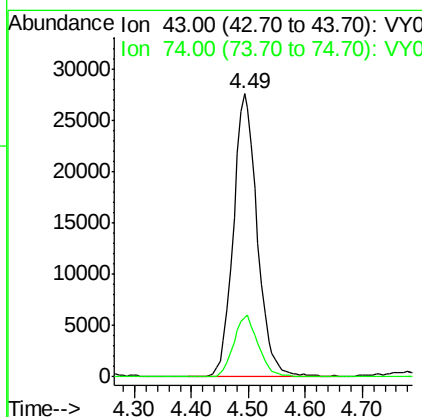
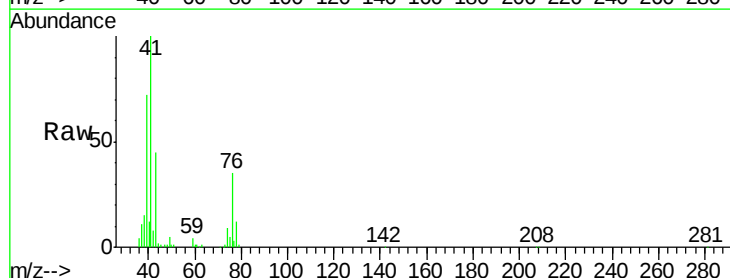
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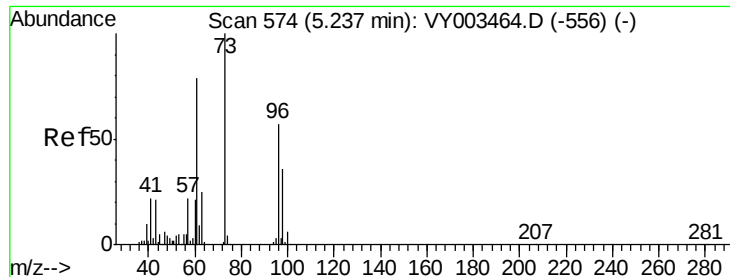
MMDadoda
11/4/2020 11:57:36 AM



#18
Methyl Acetate
Concen: 47.070 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6





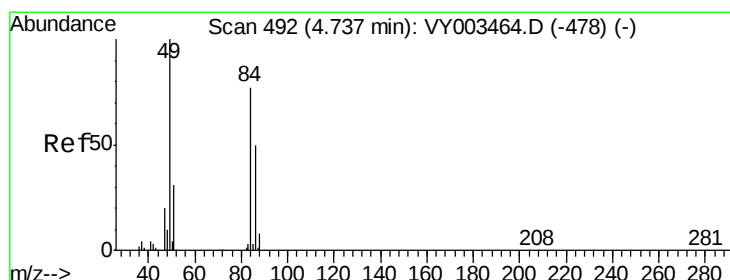
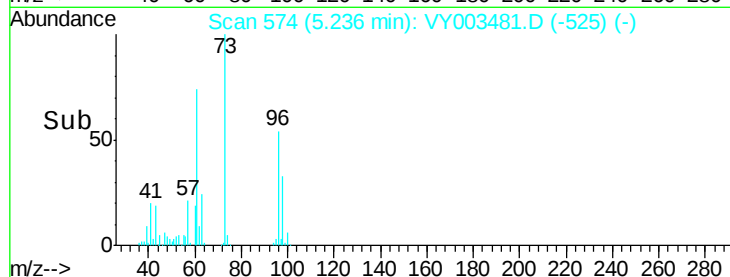
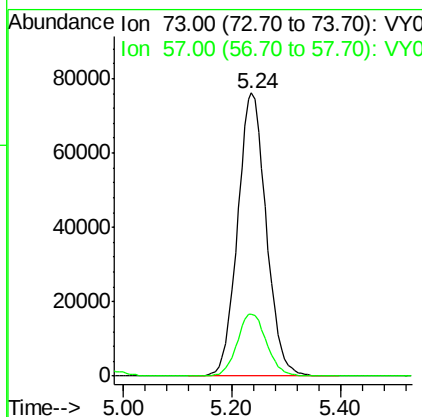
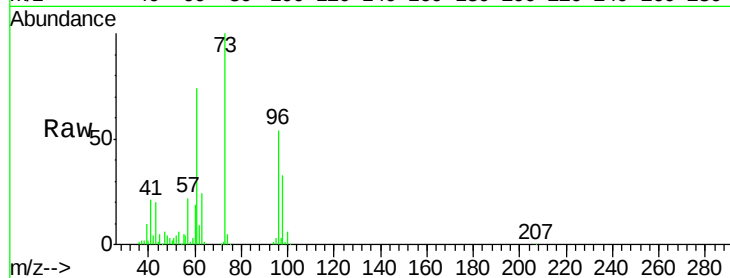
#19
Methvl tert-butvl Ether
Concen: 50.952 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 278097
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8

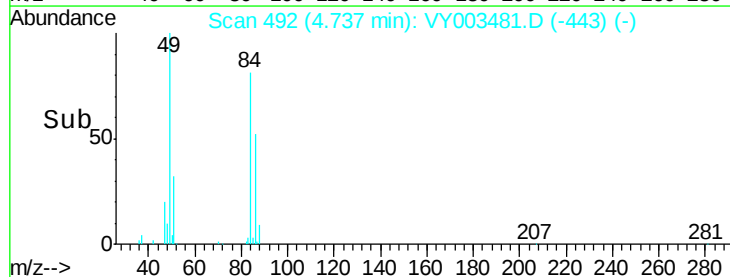
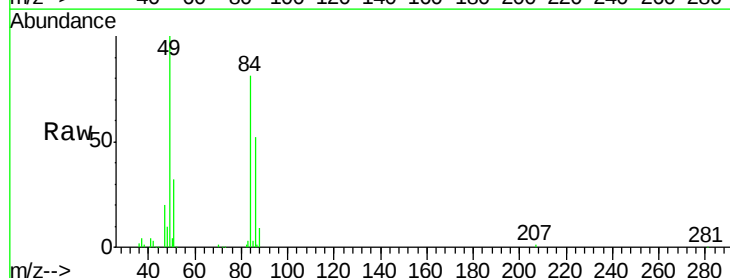
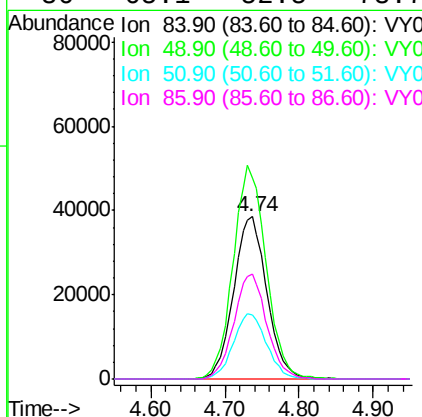
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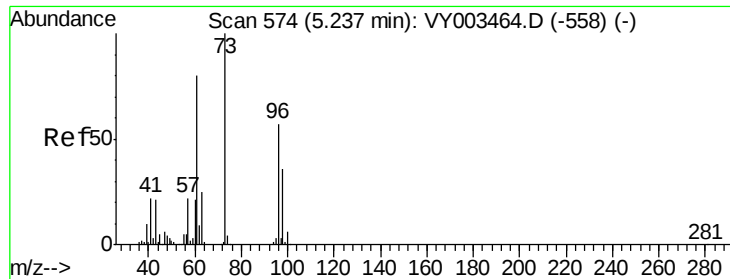
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#20
Methylene Chloride
Concen: 46.956 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 84 Resp: 120758
Ion Ratio Lower Upper
84 100
49 124.2 104.3 156.5
51 39.6 32.5 48.7
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.293 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

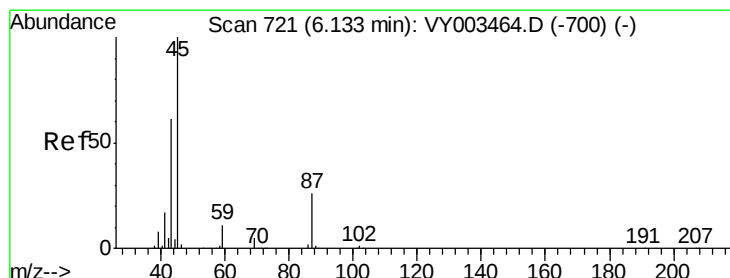
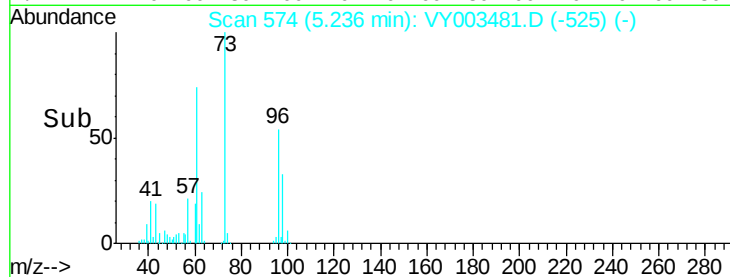
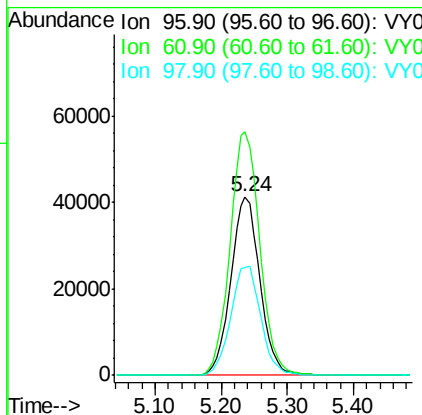
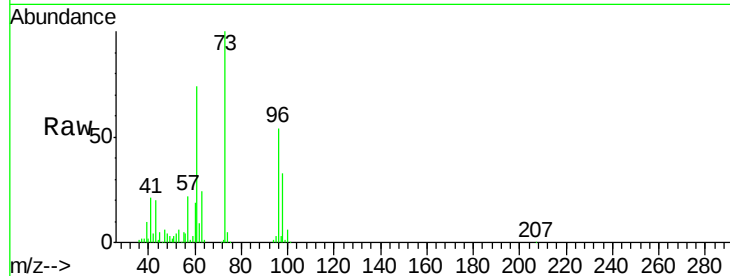
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	125778
Ion	Ratio	Lower	Upper
96	100		
61	136.3	111.3	166.9
98	60.6	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.767 ug/l

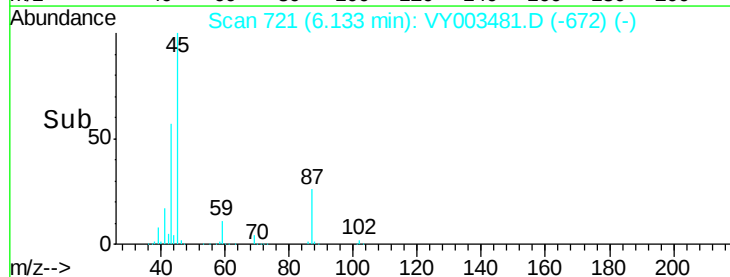
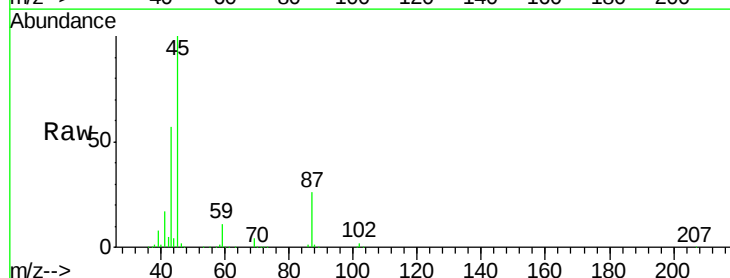
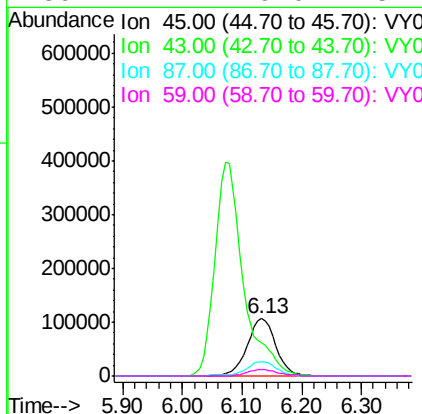
RT: 6.13 min Scan# 721

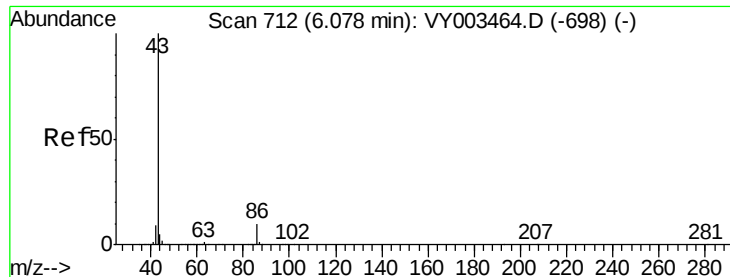
Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:	45	Resp:	357993
Ion	Ratio	Lower	Upper
45	100		
43	57.1	48.8	73.2
87	25.7	20.6	31.0
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 249.159 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1320300

Ion Ratio Lower Upper

43 100

86 9.9

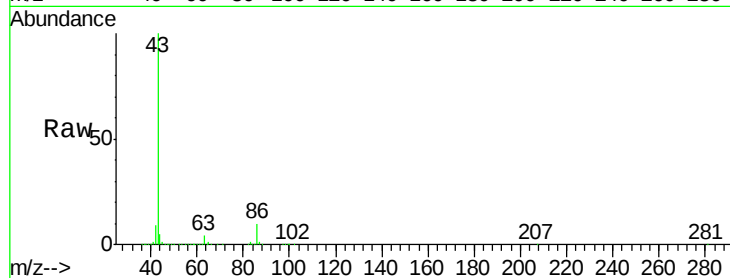
8.2 12.2

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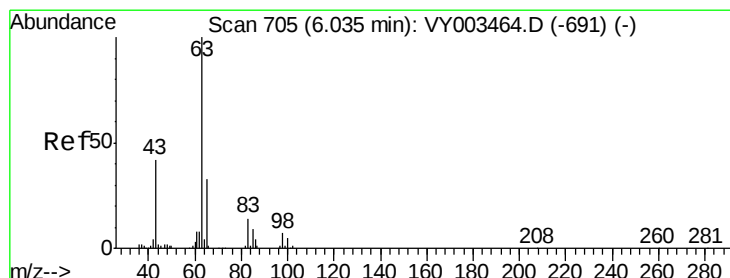
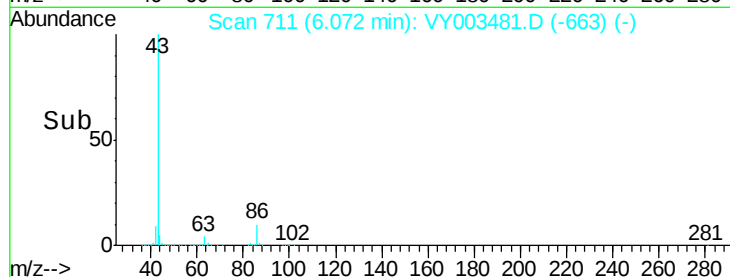
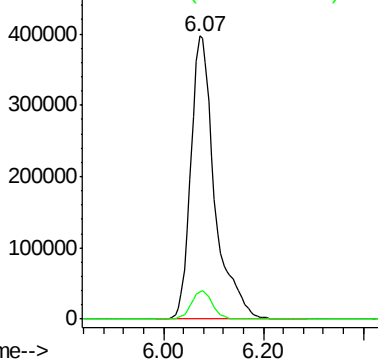
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.949 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion: 63 Resp: 223822

Ion Ratio Lower Upper

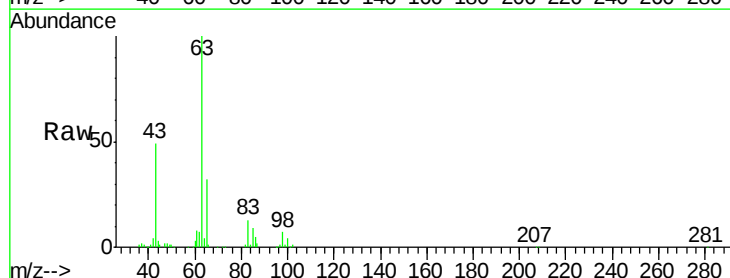
63 100

98 7.3

3.6 10.8

100 4.3

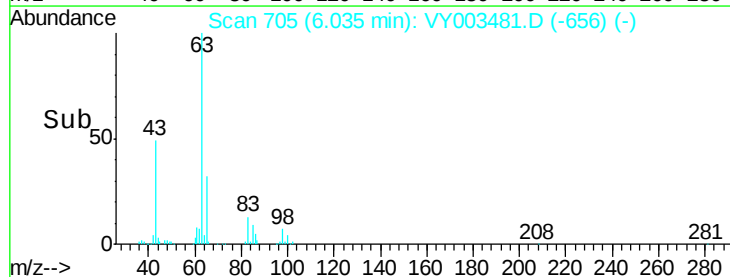
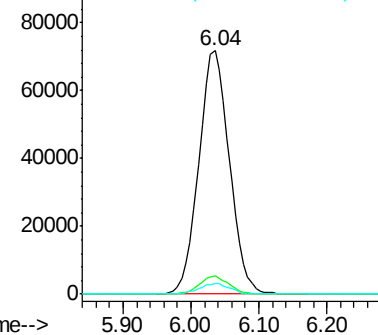
2.3 6.9

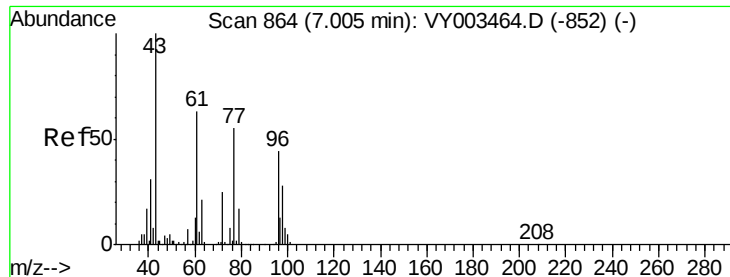


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 247.921 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 283153

Ion Ratio Lower Upper

43 100

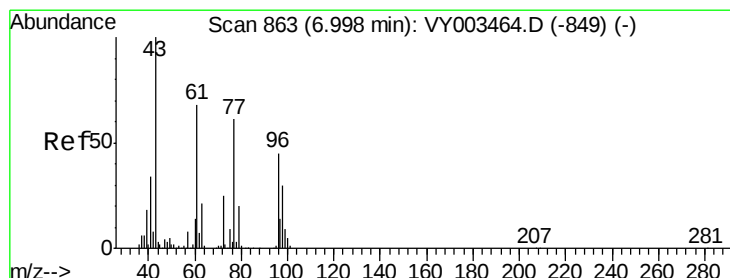
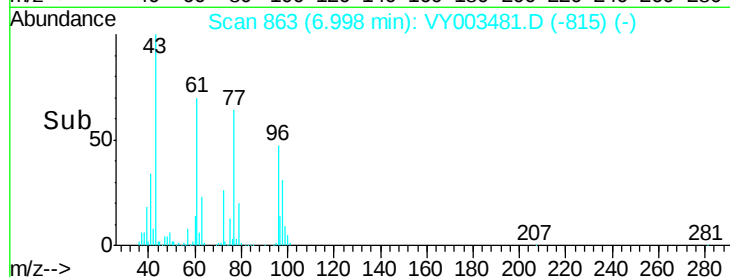
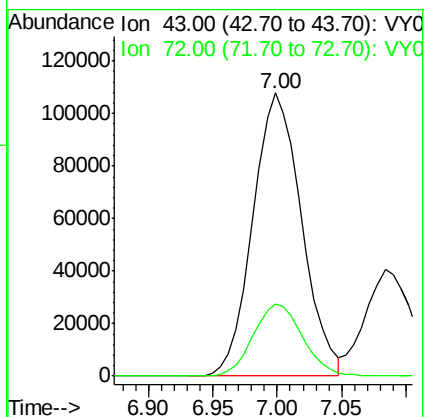
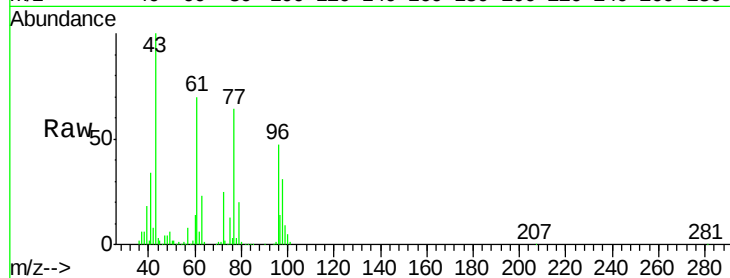
72 25.5 20.1 30.1

Manual Integrations

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11/4/2020 11:57:36 AM



#26

2,2-Dichloropropane

Concen: 49.240 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY003481.D

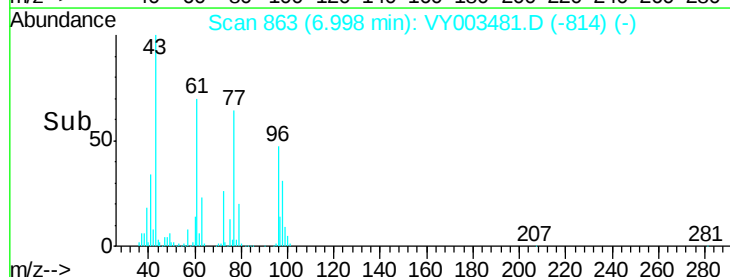
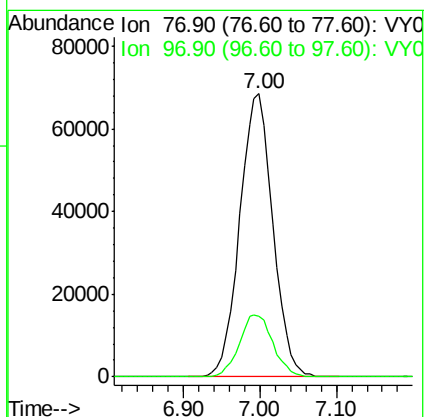
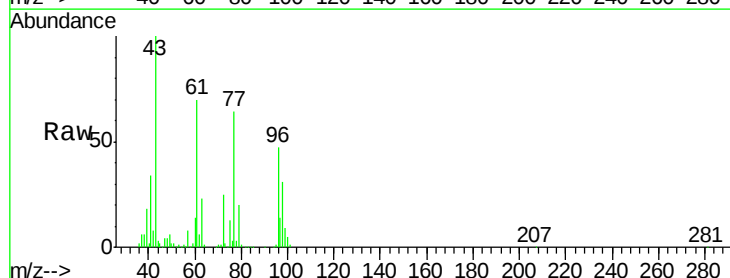
Acq: 03 Nov 2020 10:30

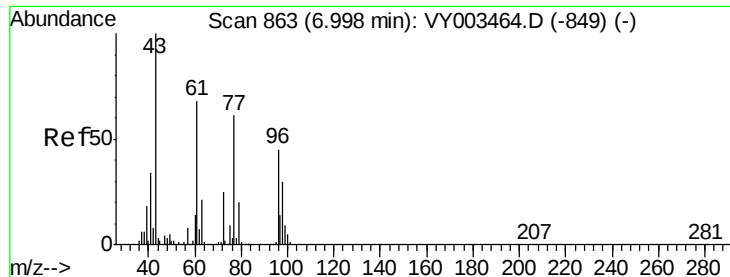
Tgt Ion: 77 Resp: 205558

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

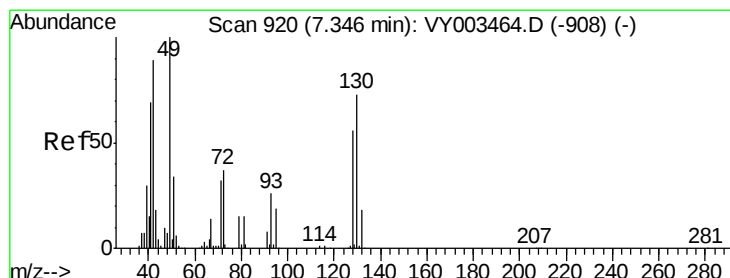
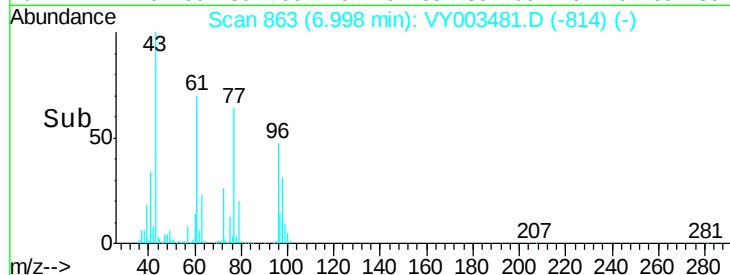
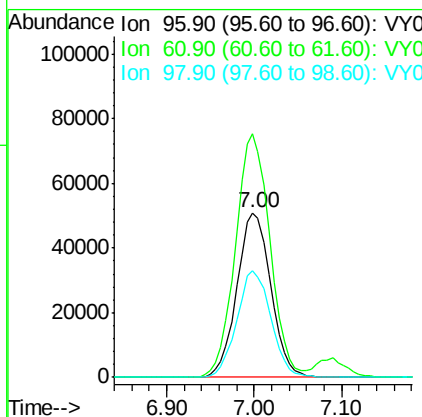
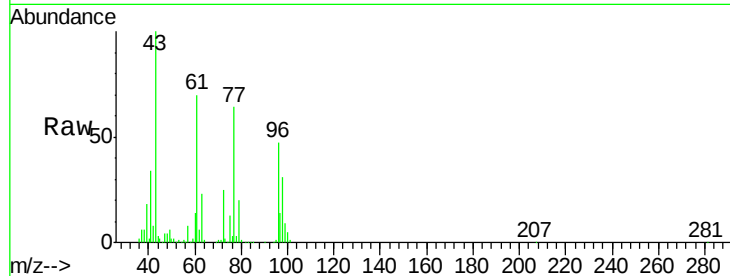
cis-1,2-Dichloroethene
Concen: 49.701 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.8	0.0	299.2	
98	65.1	0.0	128.6	

Manual Integrations
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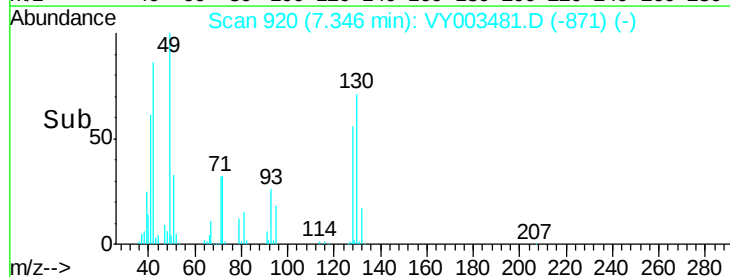
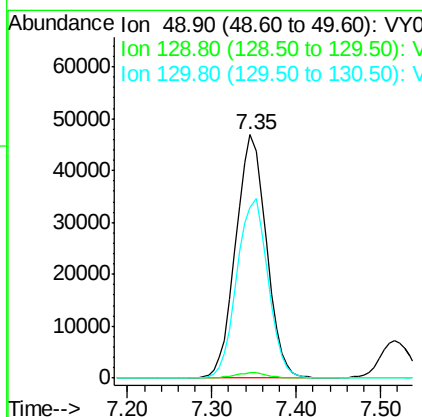
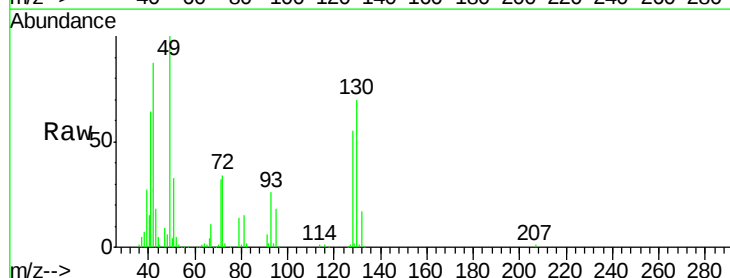
MMDadoda
11/4/2020 11:57:36 AM

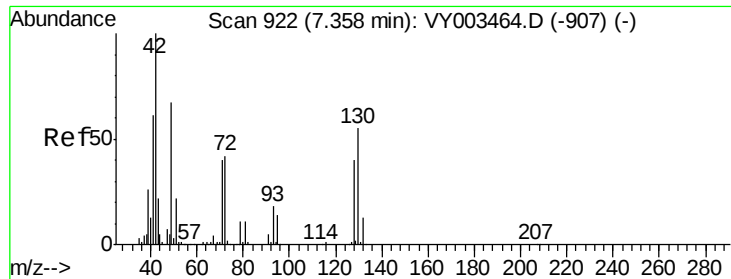


#28

Bromochloromethane
Concen: 51.227 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	75.0	60.0	90.0	





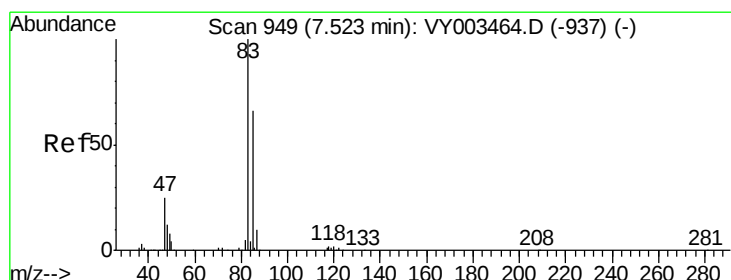
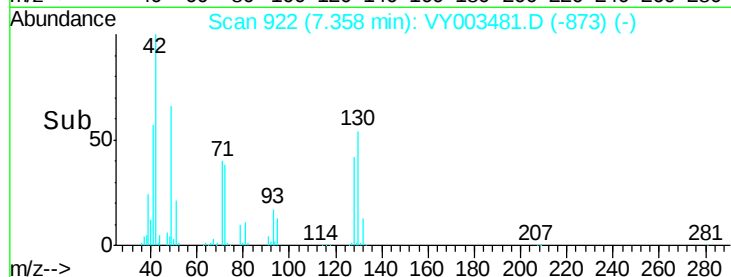
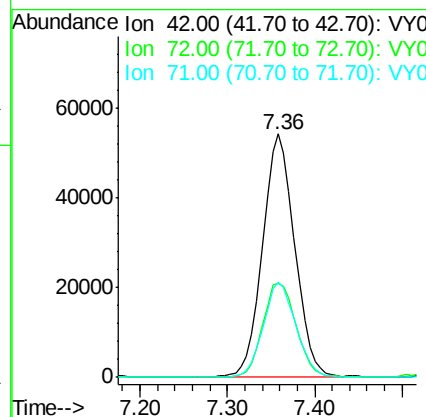
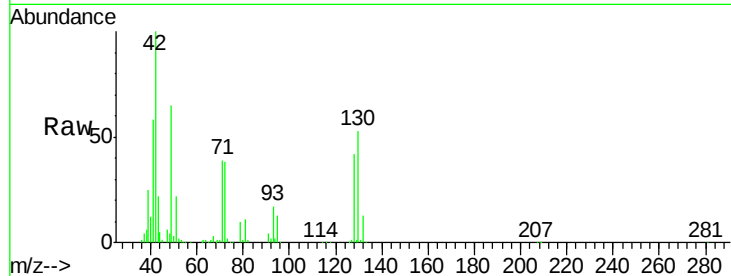
#29
Tetrahydrofuran
Concen: 232.137 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	138537
Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.8	49.2
71	39.6	30.7	46.1

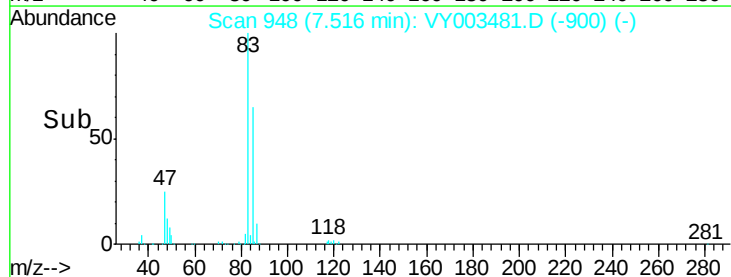
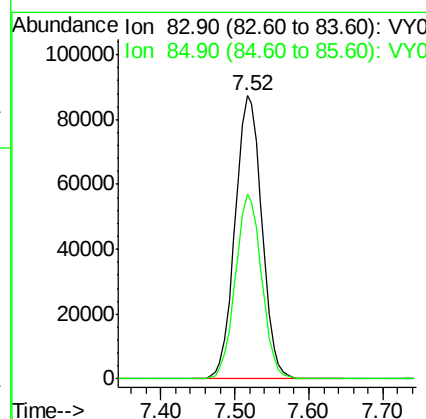
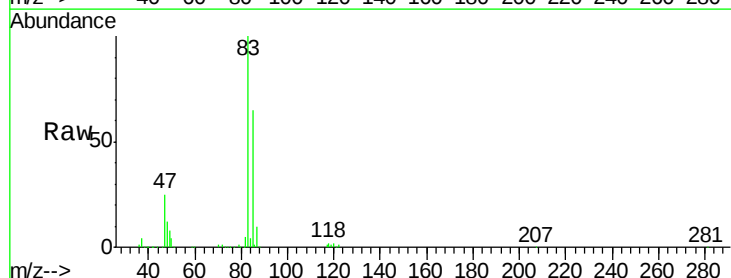
Manual Integrations
APPROVED

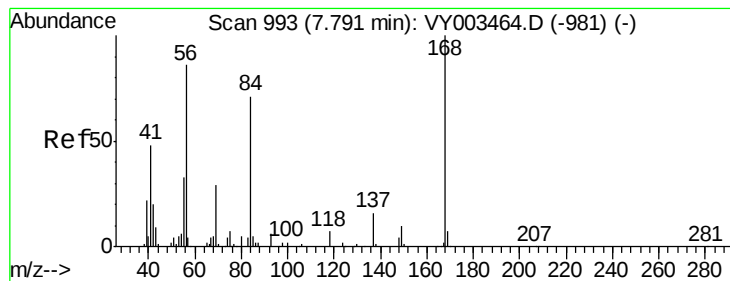
MMDadoda
11/4/2020 11:57:36 AM



#30
Chloroform
Concen: 50.028 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion:	83	Resp:	220183
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	79.0





#31

Cyclohexane

Concen: 46.540 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

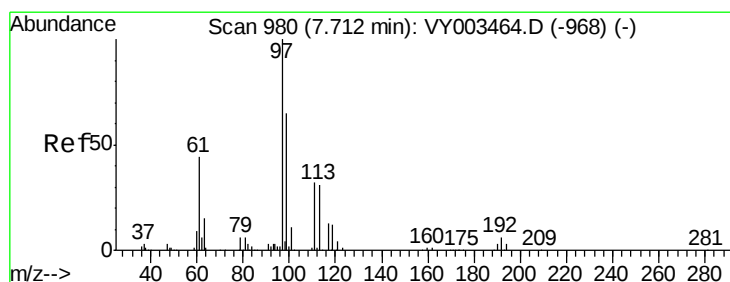
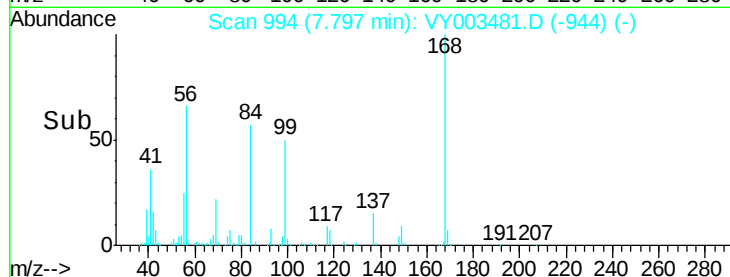
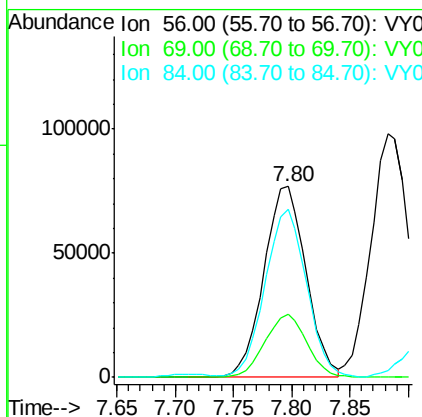
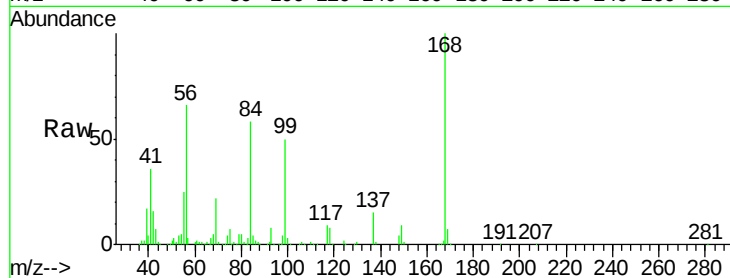
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		193098		
69	32.9	26.6	39.8		
84	86.2	65.9	98.9		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.932 ug/l

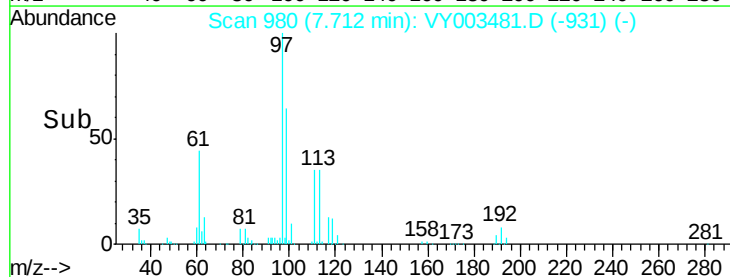
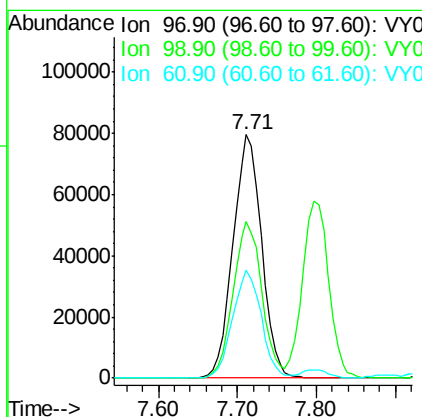
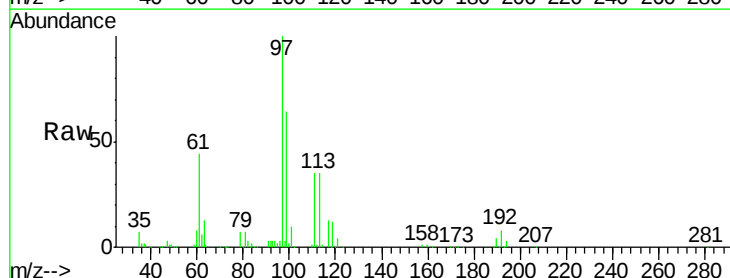
RT: 7.71 min Scan# 980

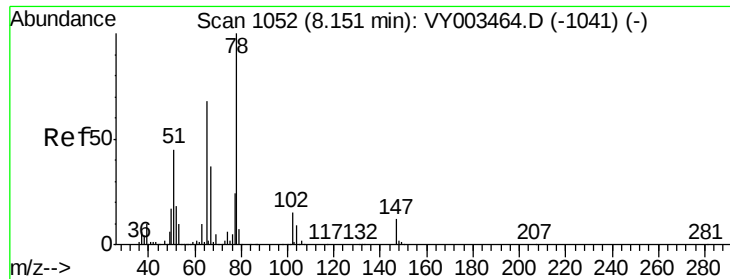
Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		200914		
99	64.7	51.6	77.4		
61	44.1	35.1	52.7		





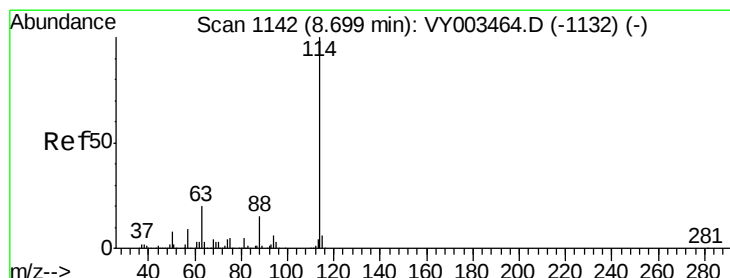
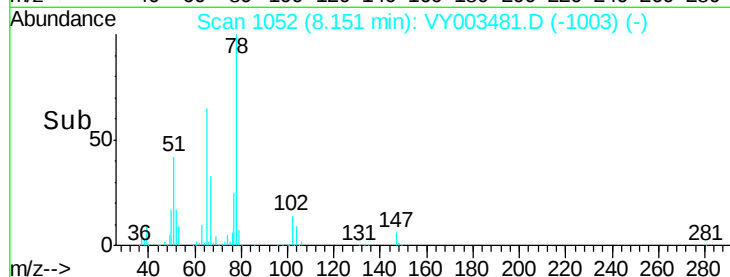
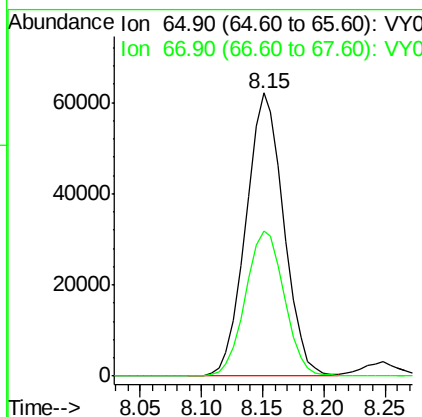
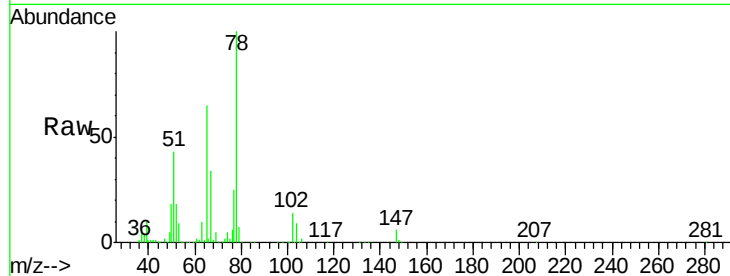
#33
 1,2-Dichloroethane-d4
 Concen: 48.322 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.5	0.0	106.0	

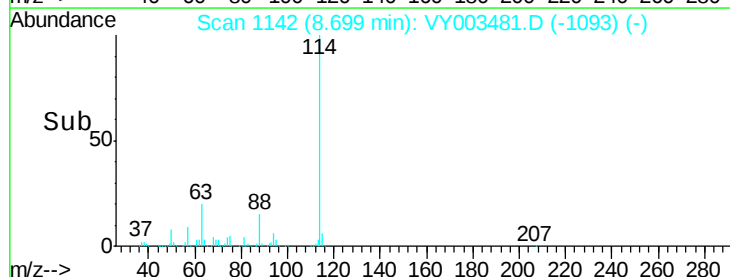
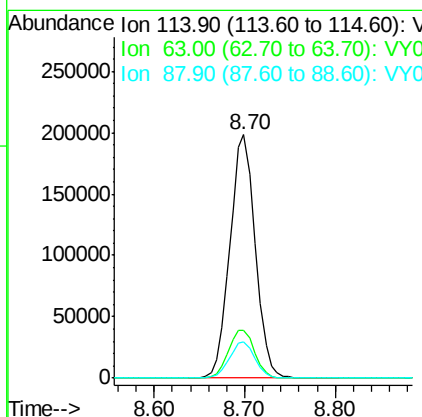
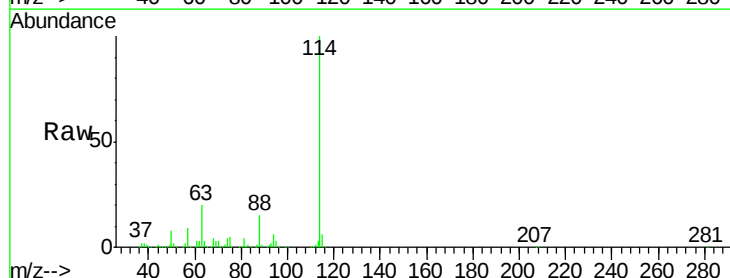
Manual Integrations
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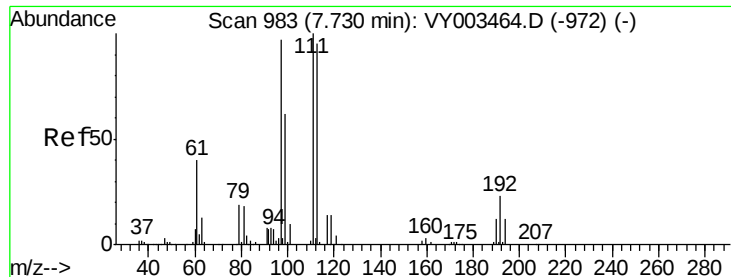
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 11/4/2020 11:57:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	40.6	
88	15.1	0.0	29.4	





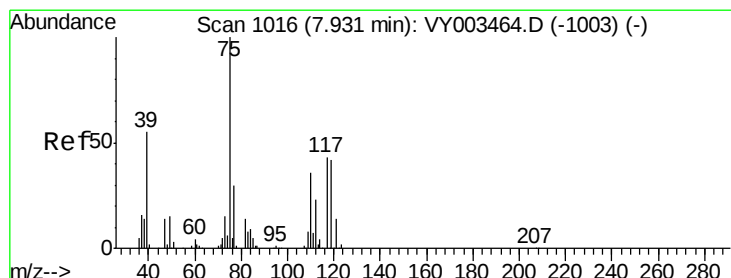
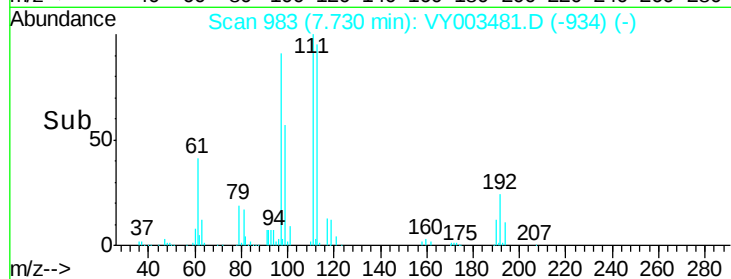
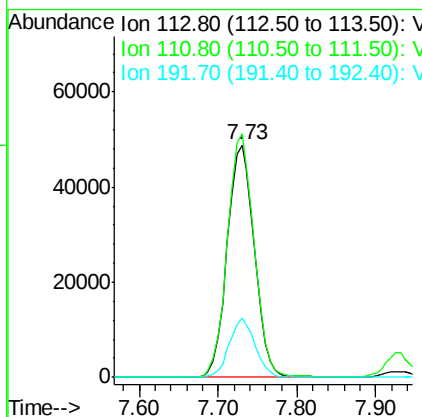
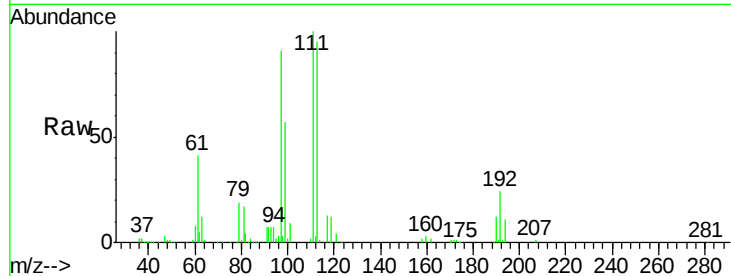
#35
Dibromofluoromethane
Concen: 49.961 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117141		
111	103.3	81.8	122.6	
192	24.3	18.8	28.2	

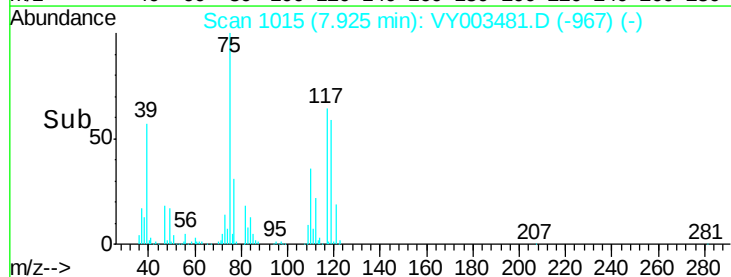
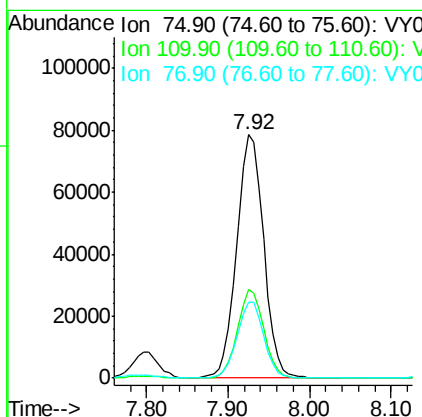
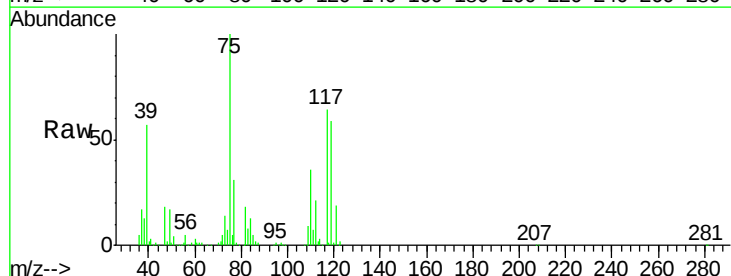
Manual Integrations
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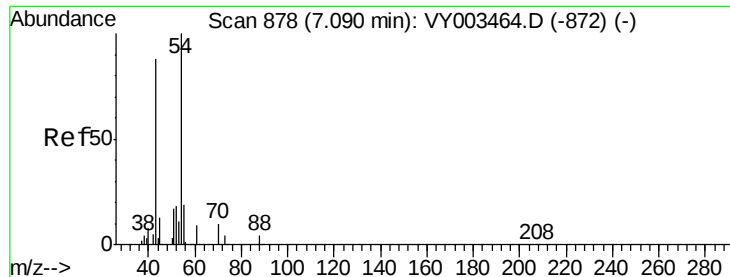
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#36
1,1-Dichloropropene
Concen: 49.211 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	178771		
110	35.5	17.6	52.9	
77	31.3	24.7	37.1	





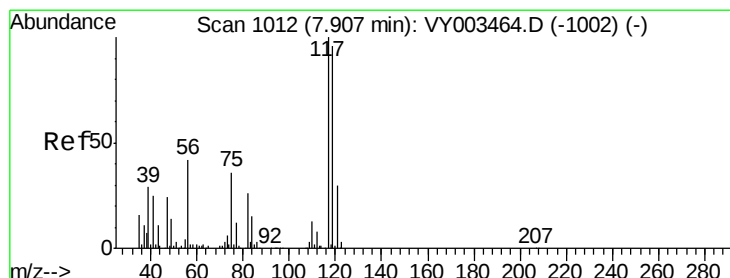
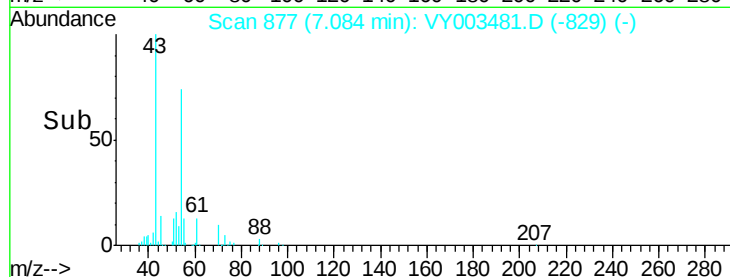
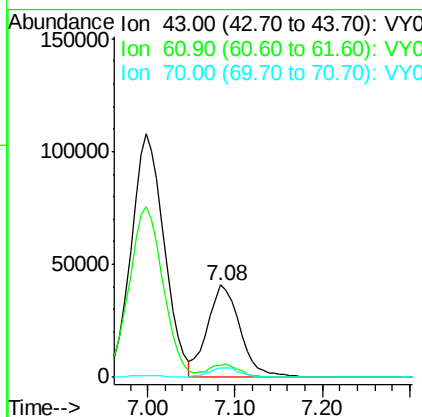
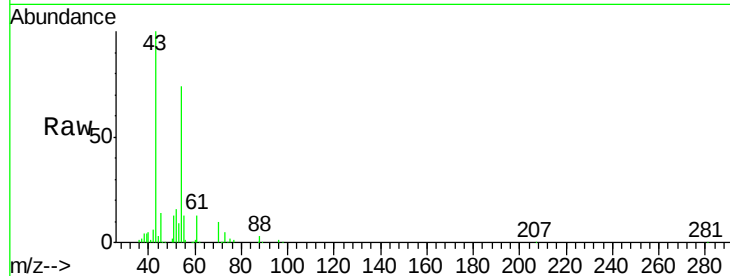
#37
Ethyl Acetate
Concen: 47.075 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.6
70	9.9	7.9	11.9

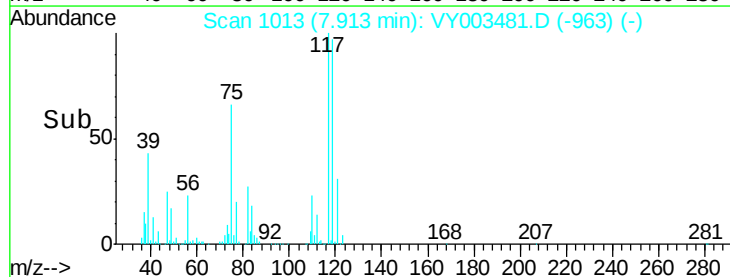
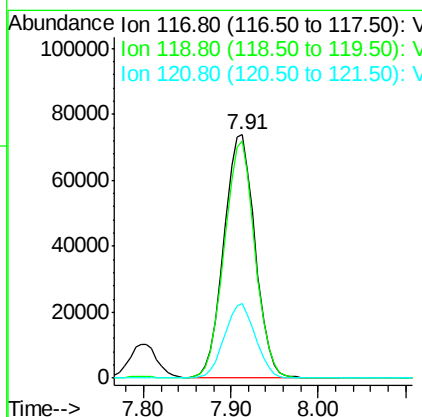
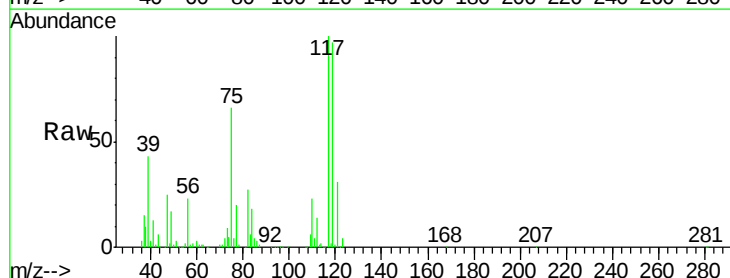
Manual Integrations
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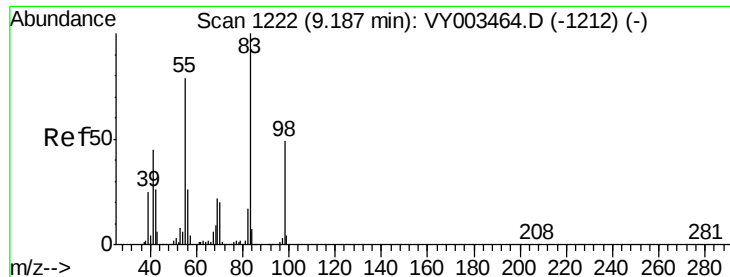
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#38
Carbon Tetrachloride
Concen: 48.543 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4
121	30.7	24.2	36.4





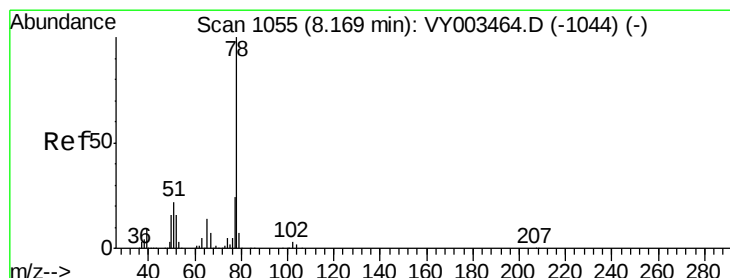
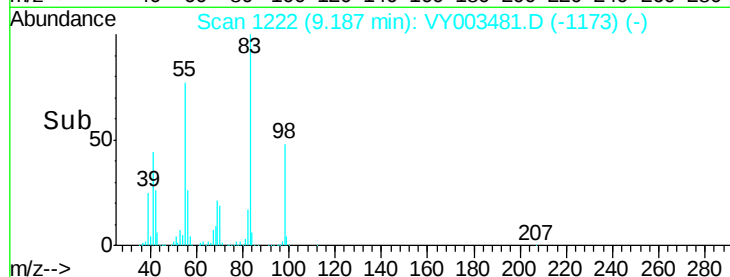
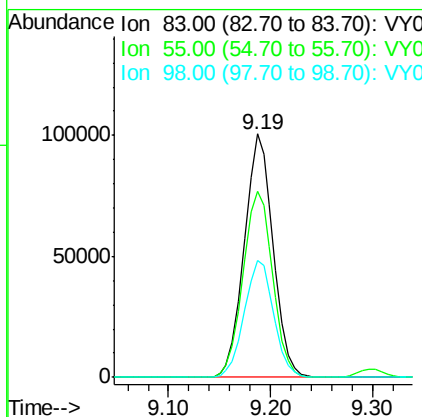
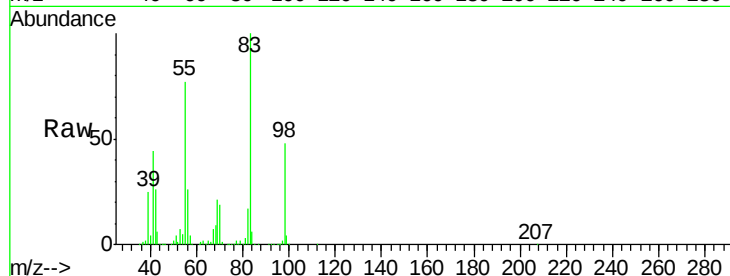
#39
Methylvlcyclohexane
Concen: 48.897 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	63.5	95.3
98	48.1	39.4	59.2

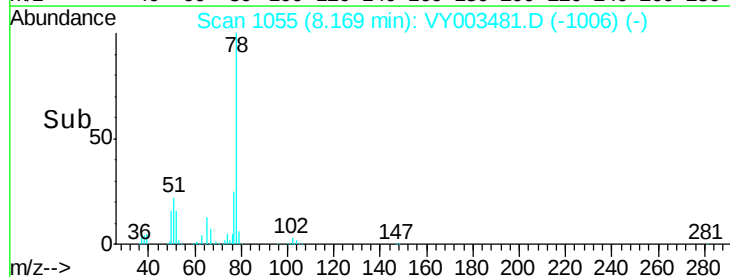
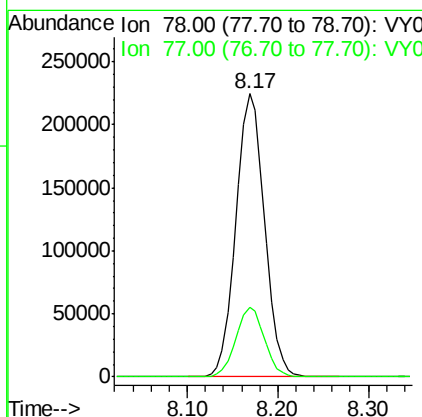
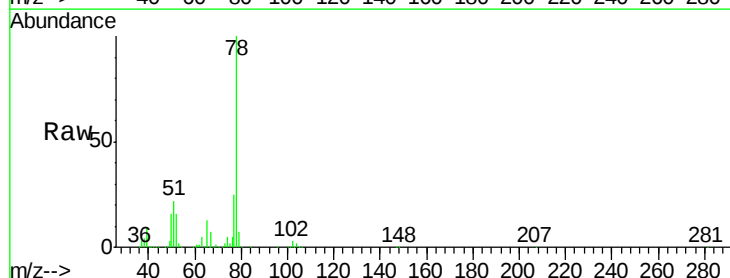
Manual Integrations
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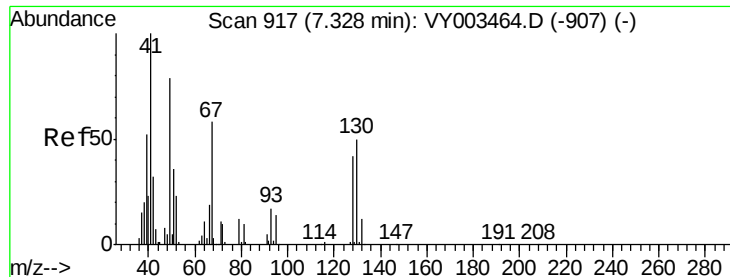
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#40
Benzene
Concen: 48.938 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





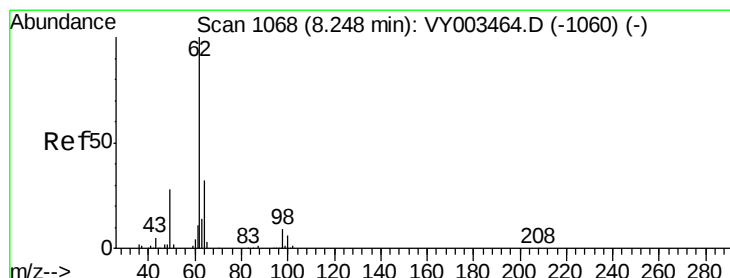
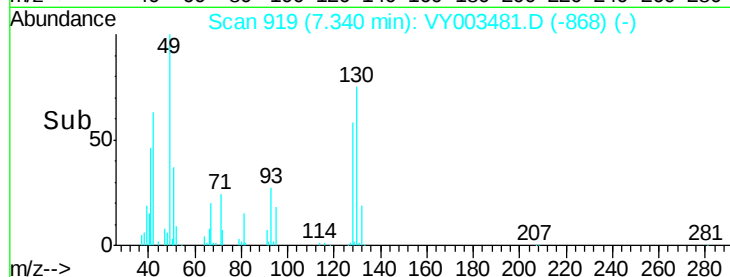
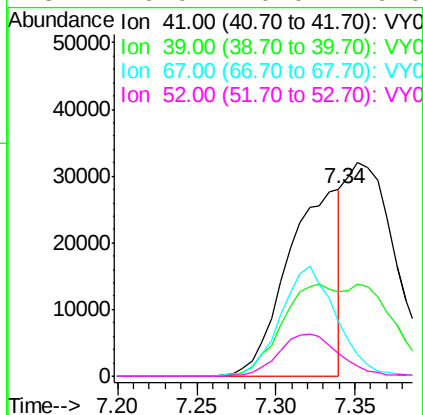
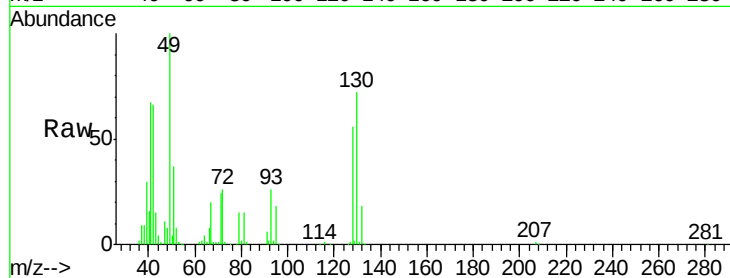
#41
Methacrylonitrile
Concen: 54.978 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

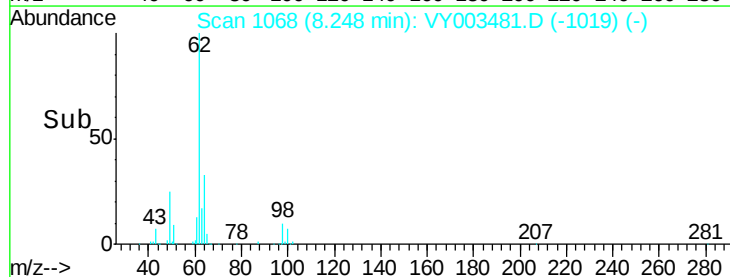
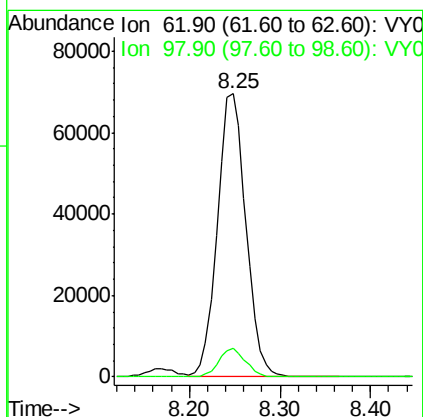
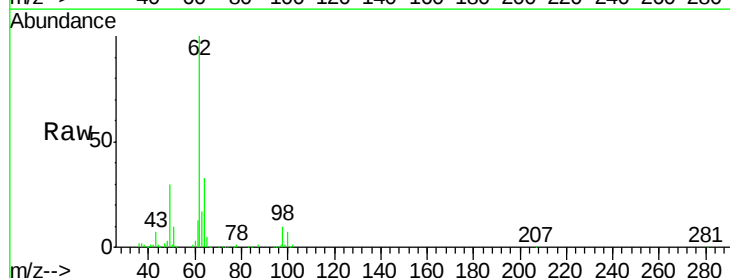
Manual Integrations
APPROVED

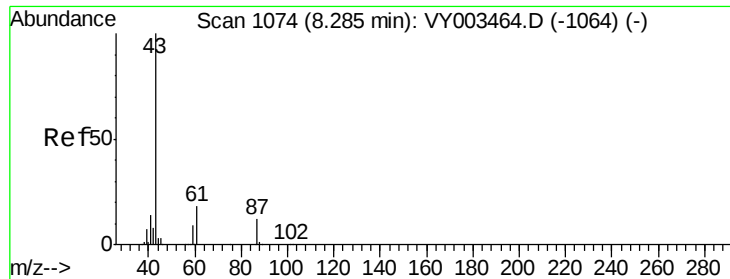
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.185 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

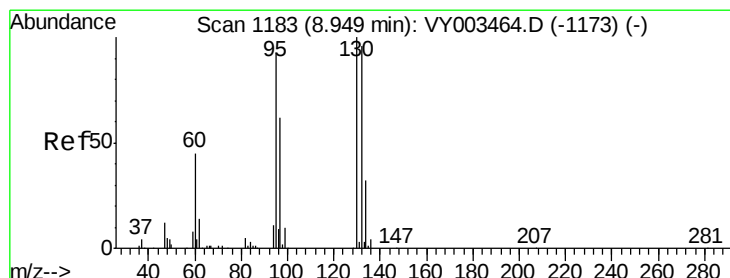
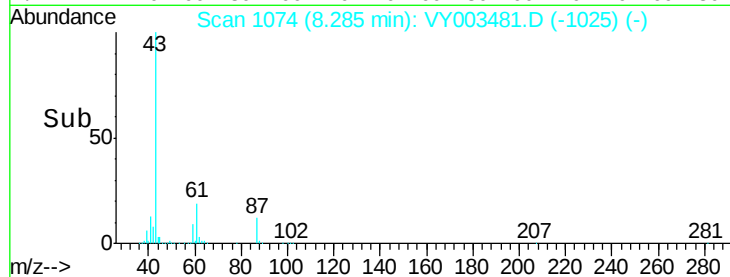
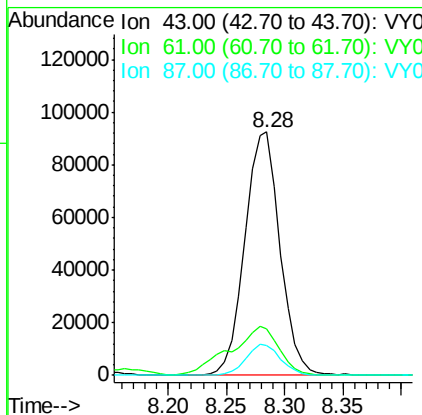
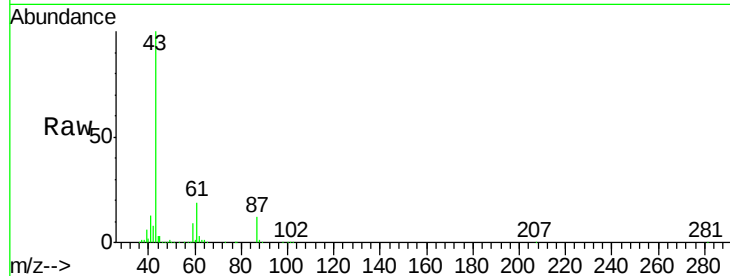
Isopropyl Acetate
 Concen: 47.955 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.9	21.9	32.9
87	12.6	10.0	15.0

Manual Integrations
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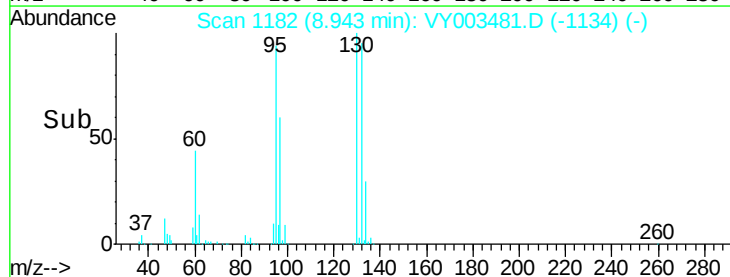
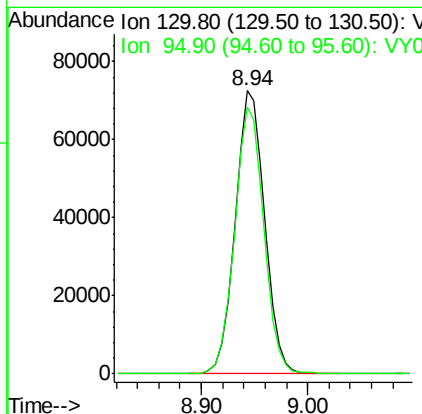
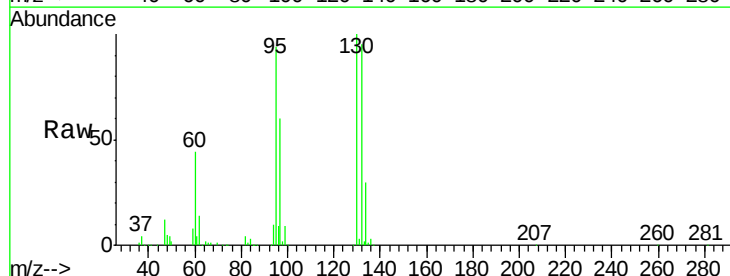
MMDadoda
 11/4/2020 11:57:36 AM

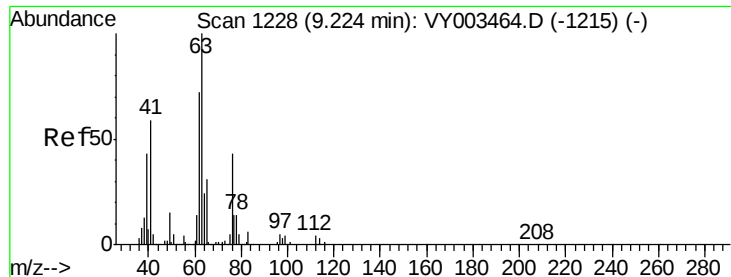


#44

Trichloroethene
 Concen: 49.690 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	186.6





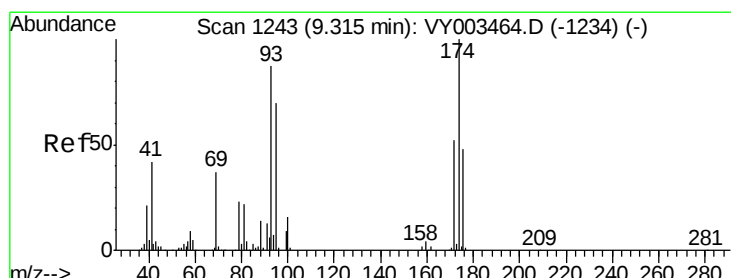
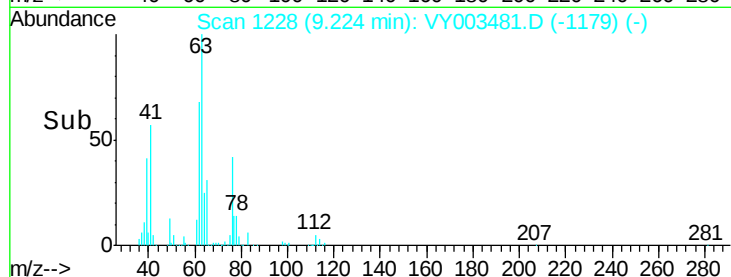
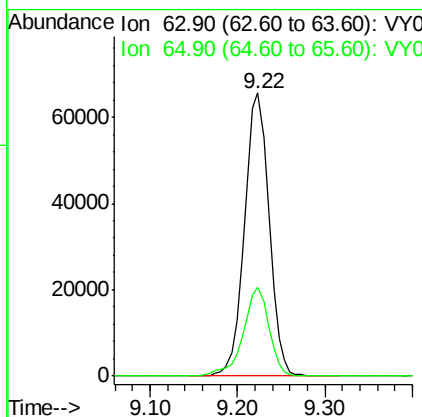
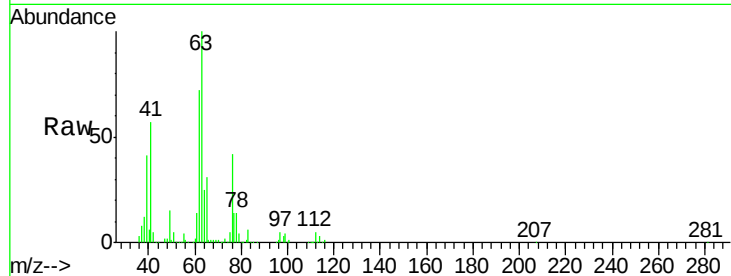
#45
 1,2-Dichloropropane
 Concen: 50.094 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8

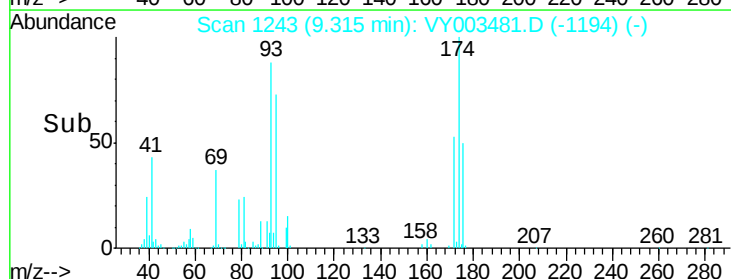
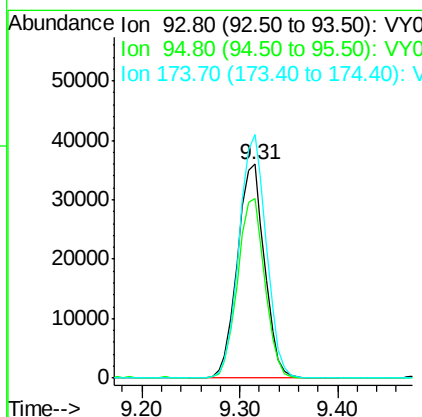
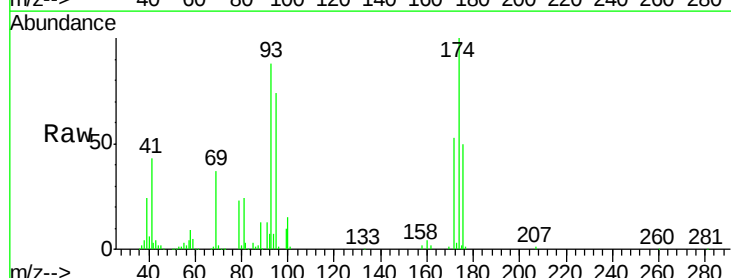
Manual Integrations
 APPROVED

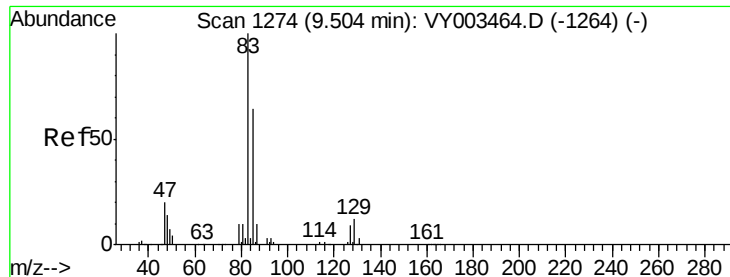
MMDadoda
 11/4/2020 11:57:36 AM



#46
 Dibromomethane
 Concen: 49.538 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.0	97.6
174	113.7	91.8	137.6





#47

Bromodichloromethane

Concen: 50.434 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

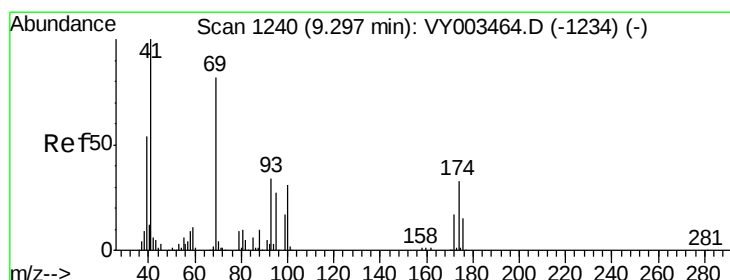
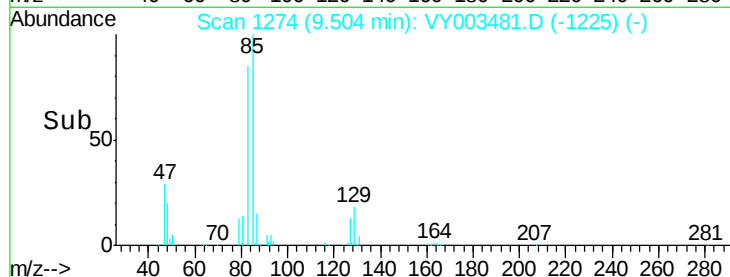
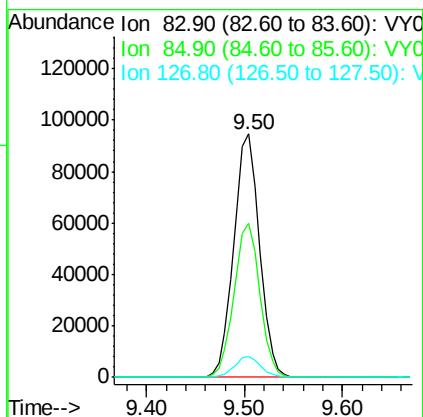
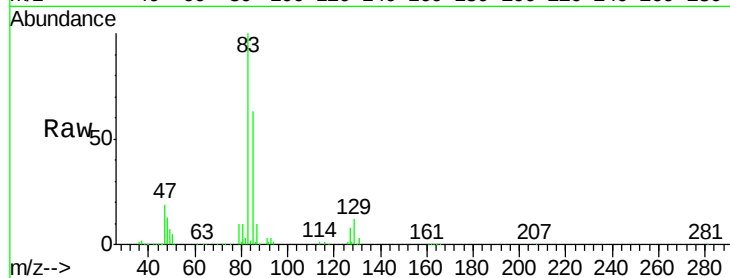
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	173386
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.0	76.6
127	8.4	7.1	10.7

Manual Integrations
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11/4/2020 11:57:36 AM



#48

Methyl methacrylate

Concen: 47.790 ug/l

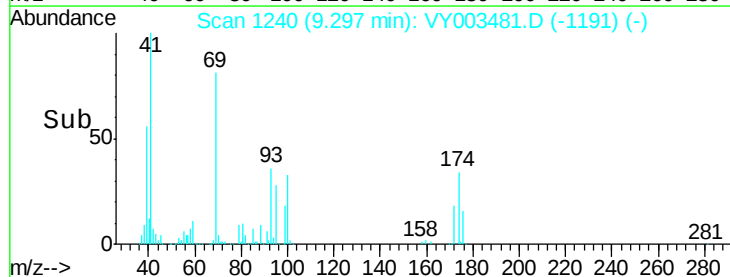
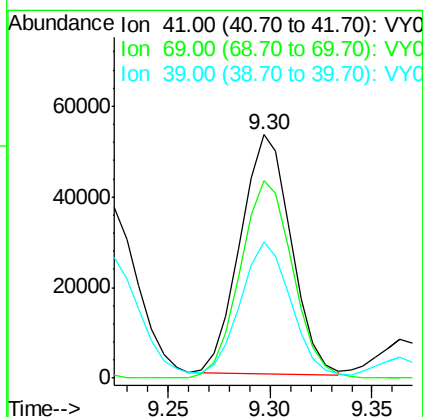
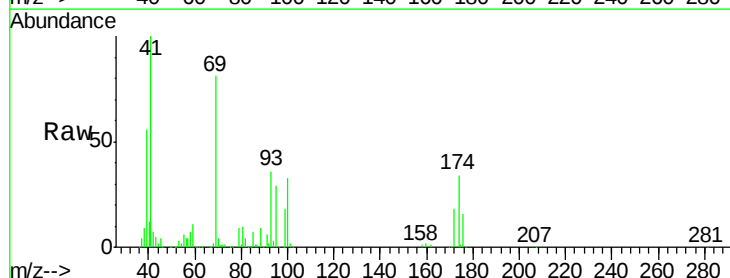
RT: 9.30 min Scan# 1240

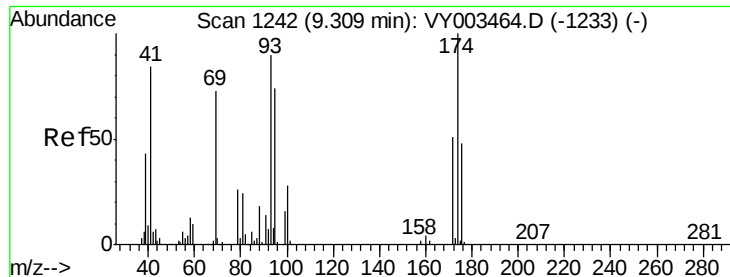
Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:	41	Resp:	91265
Ion Ratio	Lower	Upper	
41	100		
69	85.6	65.9	98.9
39	58.1	43.2	64.8





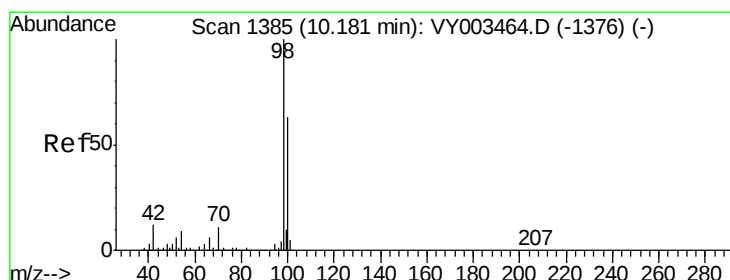
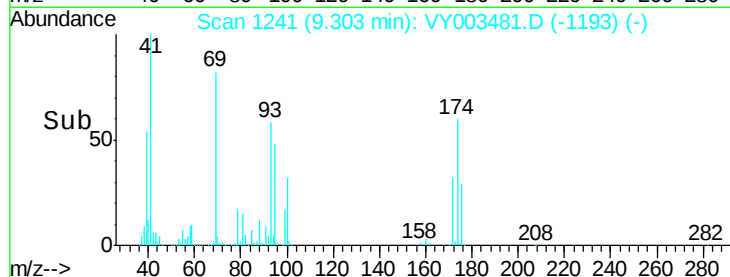
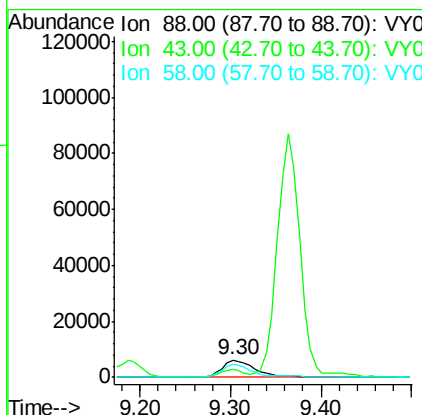
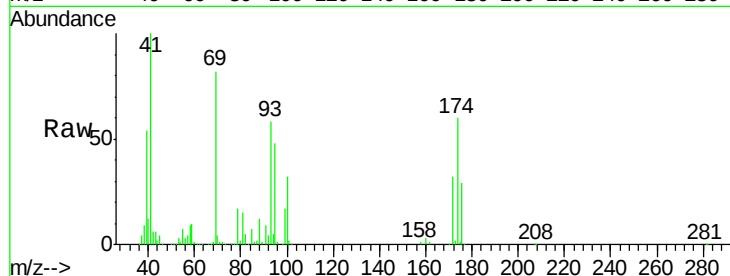
#49
1,4-Dioxane
Concen: 913.222 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	16005
Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.6	41.4
58	65.7	54.2	81.2

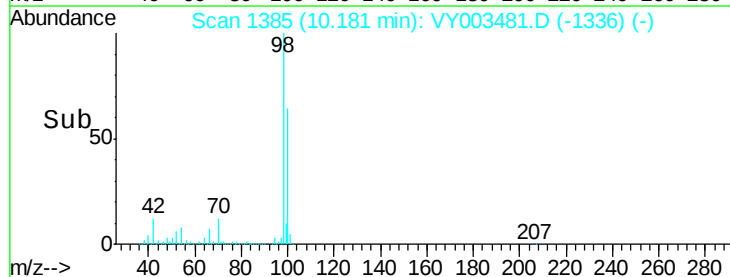
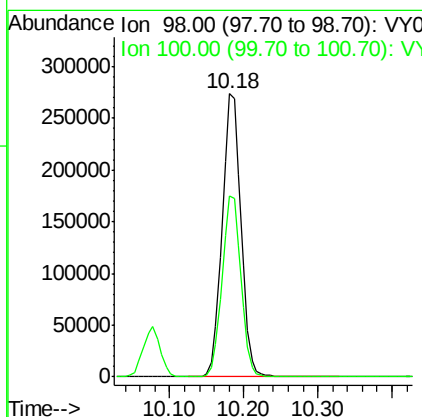
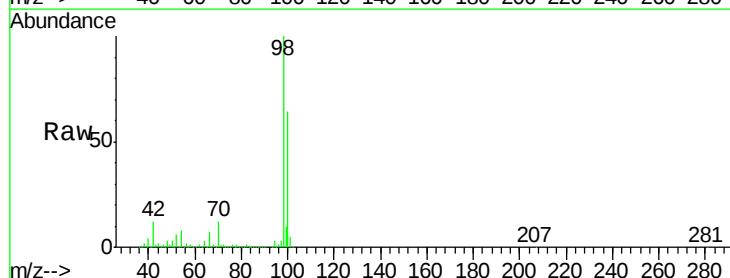
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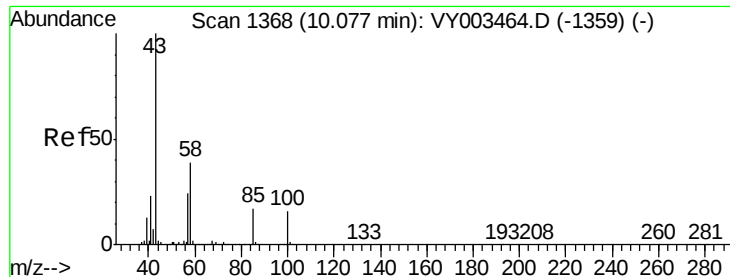
MMDadoda
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#50
Toluene-d8
Concen: 49.273 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	98	Resp	480611
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 240.917 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 520383

Ion Ratio Lower Upper

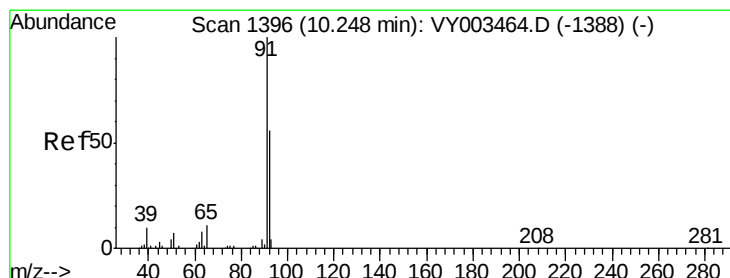
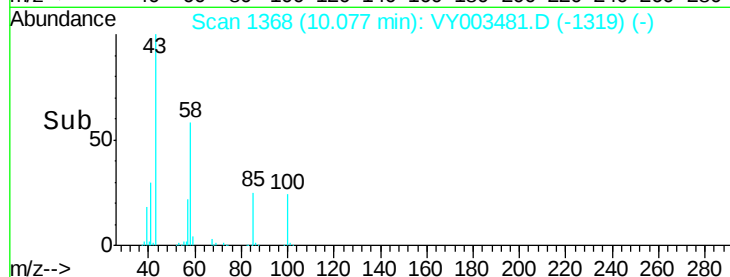
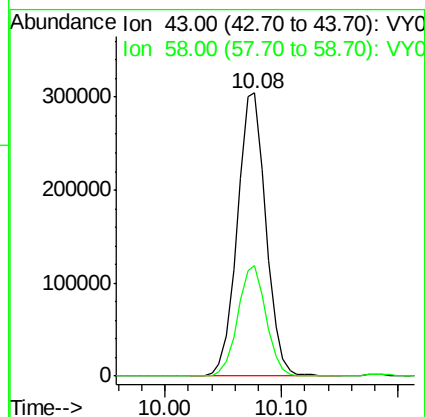
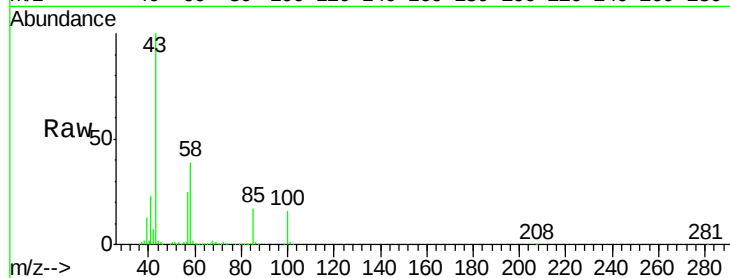
43 100

58 38.8 31.0 46.4

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#52

Toluene

Concen: 50.199 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003481.D

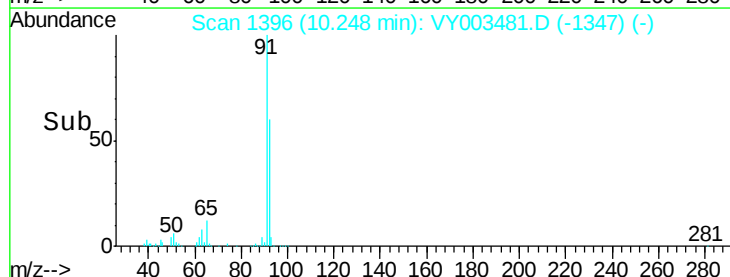
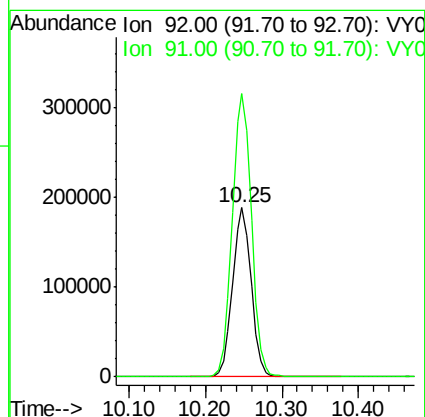
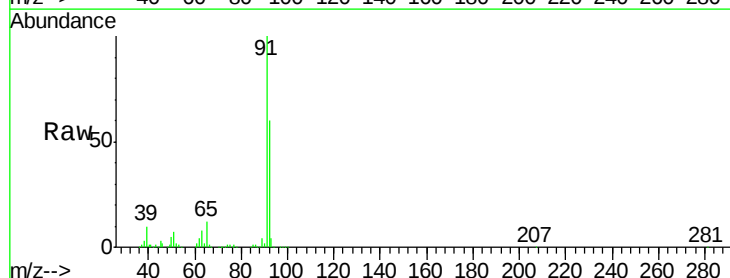
Acq: 03 Nov 2020 10:30

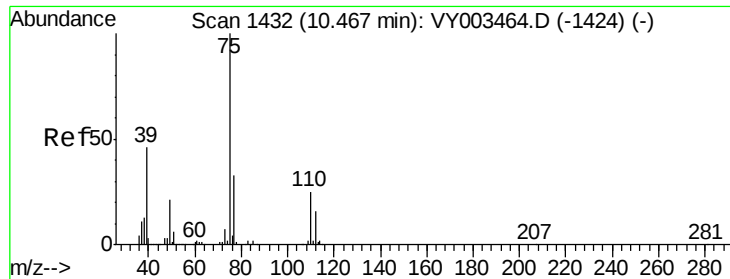
Tgt Ion: 92 Resp: 317418

Ion Ratio Lower Upper

92 100

91 172.6 140.2 210.4





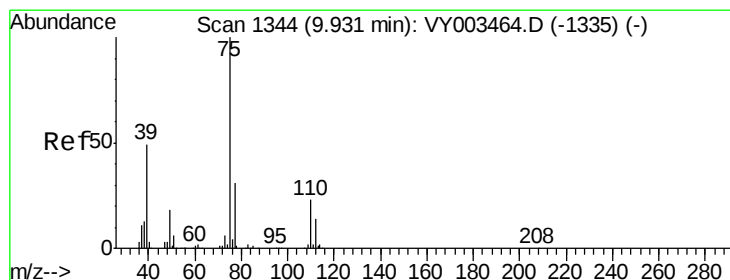
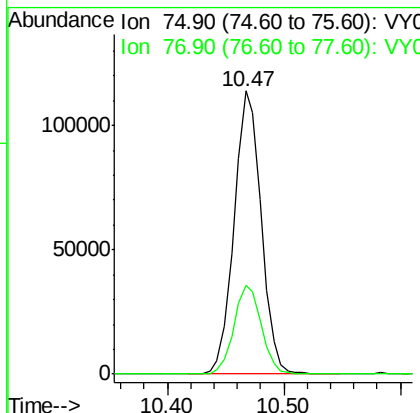
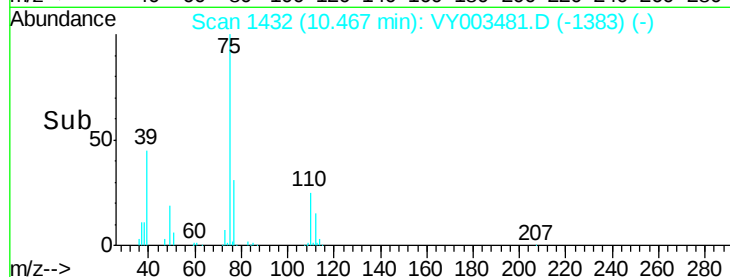
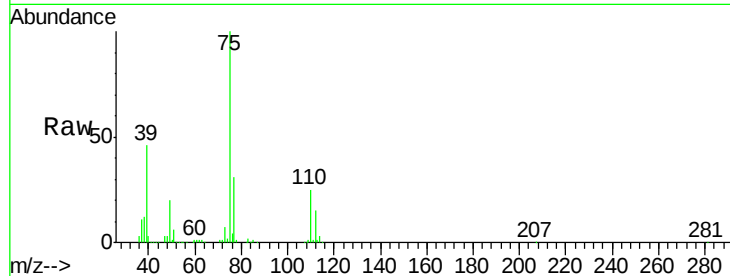
#53
t-1,3-Dichloropropene
Concen: 50.429 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.4

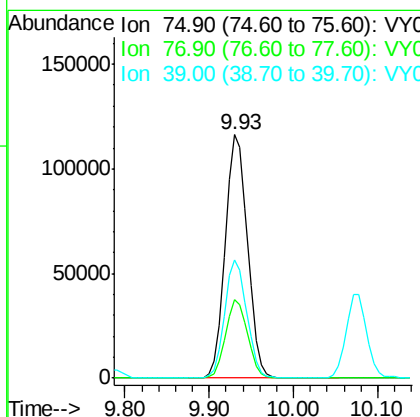
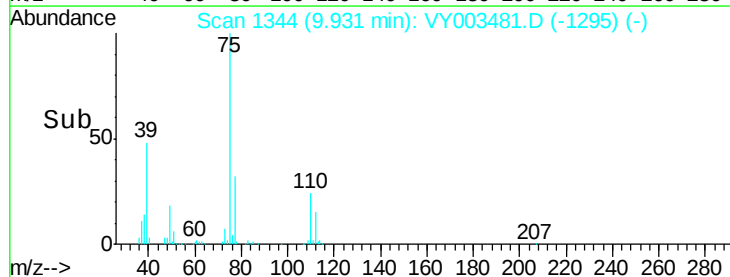
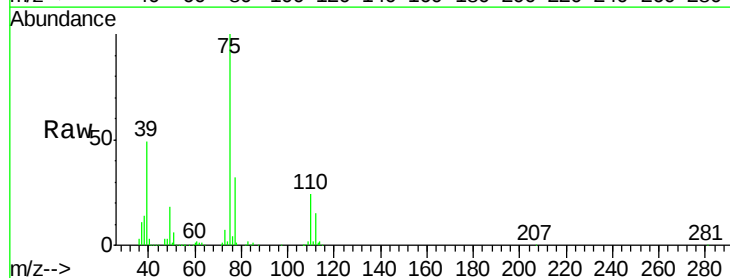
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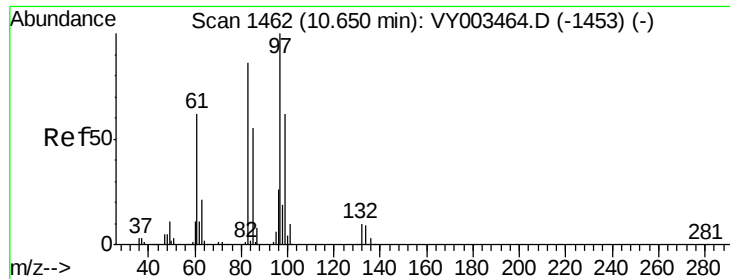
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#54
cis-1,3-Dichloropropene
Concen: 50.677 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.5	36.7
39	48.6	39.0	58.4





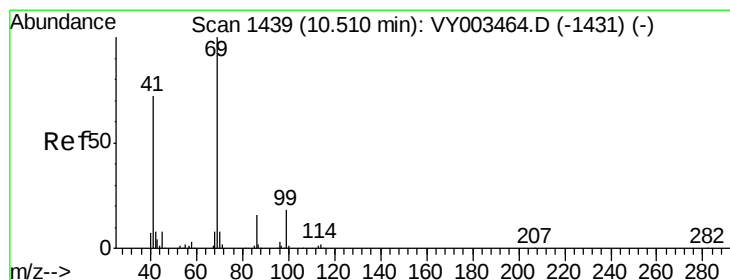
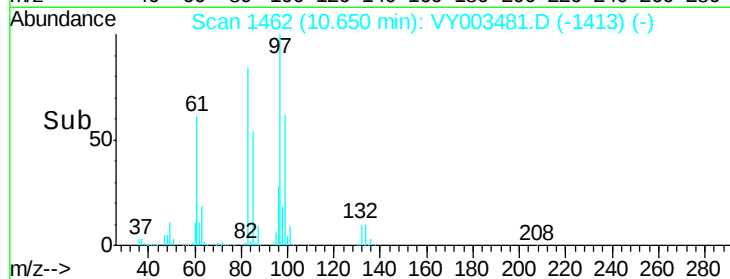
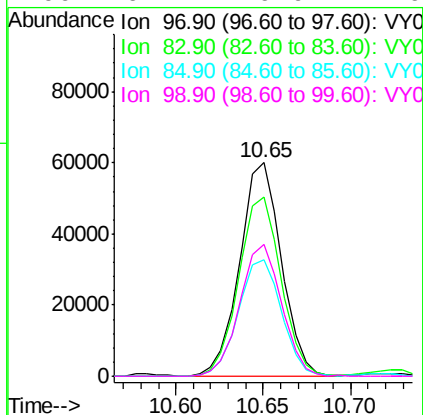
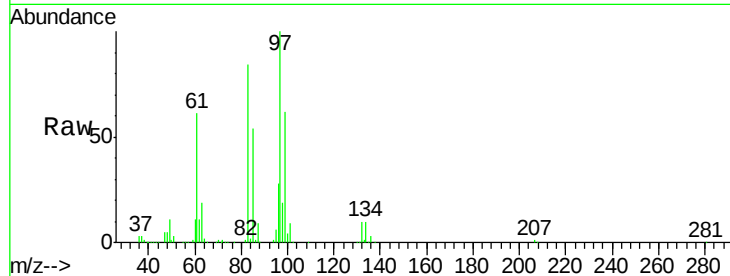
#55
 1,1,2-Trichloroethane
 Concen: 49.656 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	99008
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.6	102.8
85	54.4	43.8	65.6
99	61.7	49.9	74.9

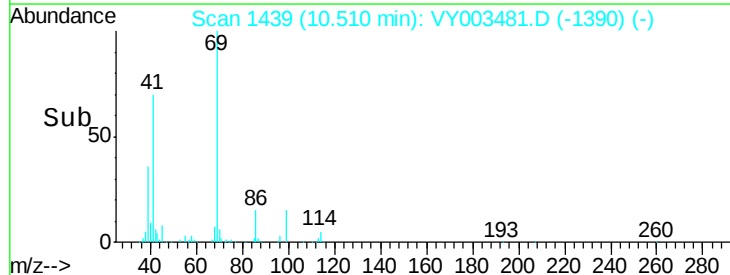
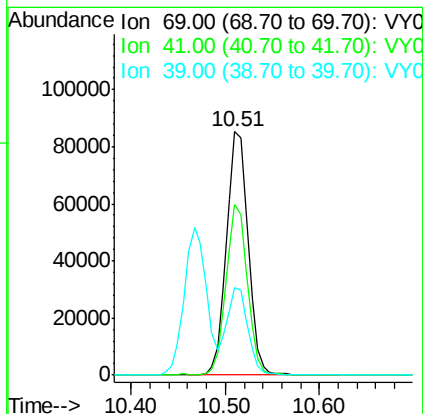
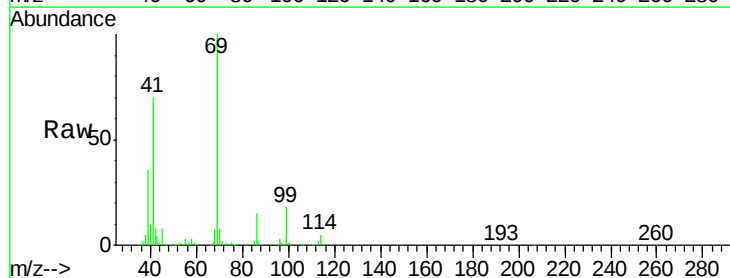
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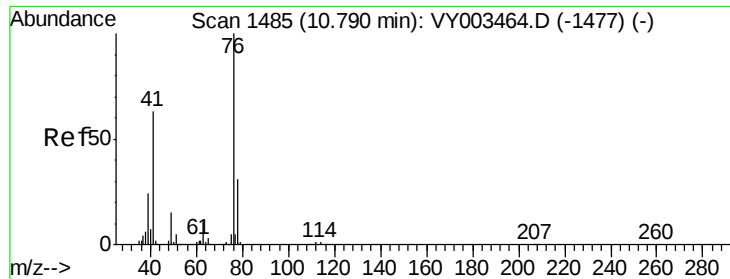
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#56
 Ethyl methacrylate
 Concen: 51.188 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion:	69	Resp:	136706
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.4	83.2
39	35.1	28.7	43.1





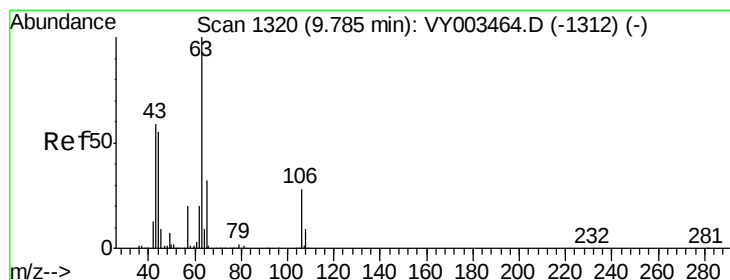
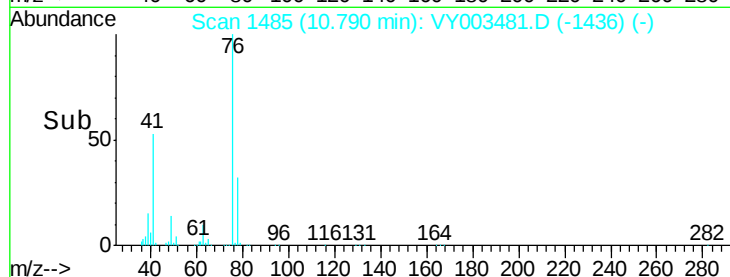
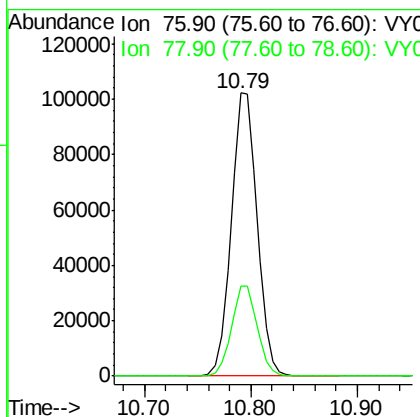
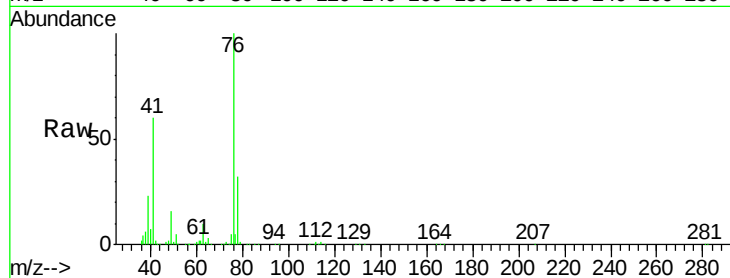
#57
 1,3-Dichloropropane
 Concen: 50.394 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

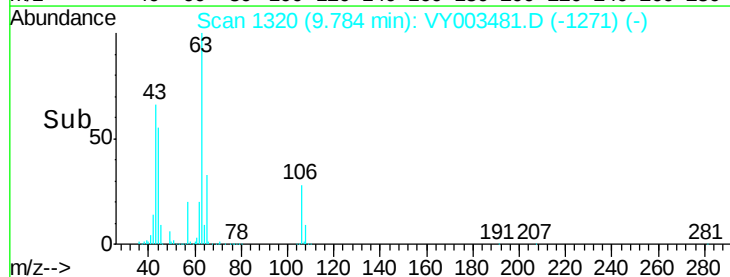
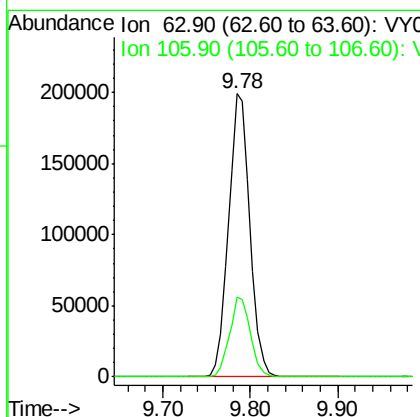
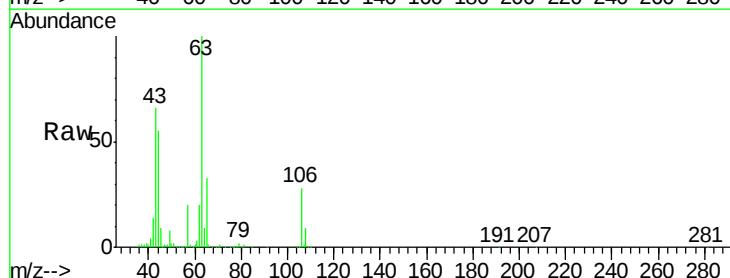
Manual Integrations
 APPROVED

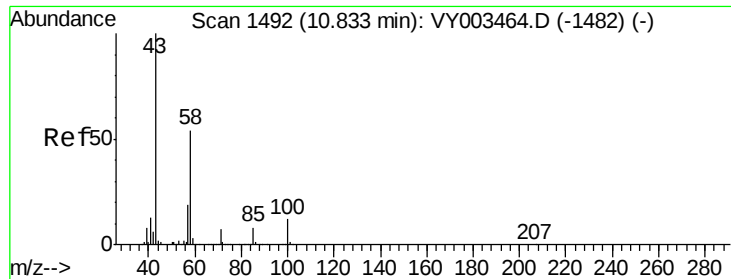
MMDadoda
 11/4/2020 11:57:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.740 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.3	33.5





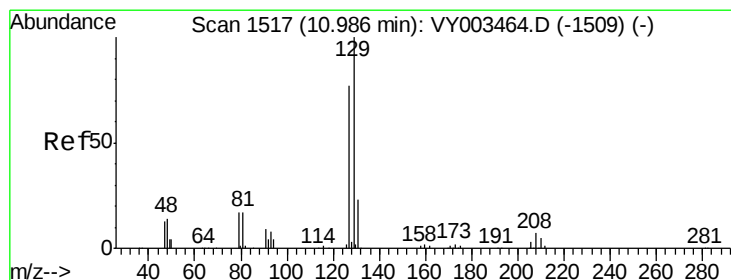
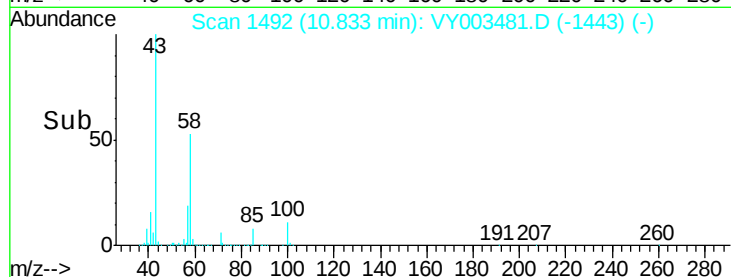
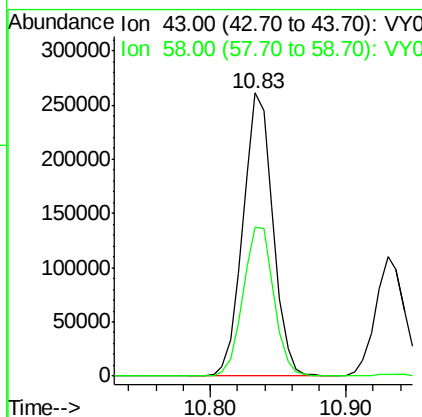
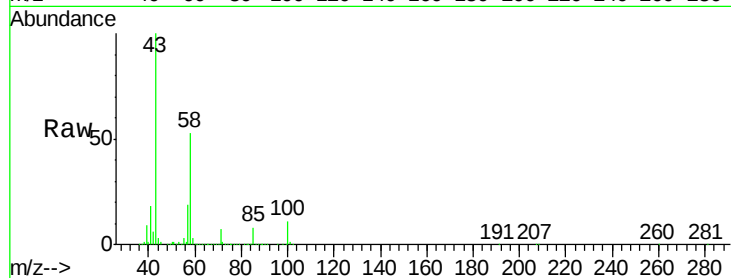
#59
2-Hexanone
Concen: 250.914 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 401283
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.3

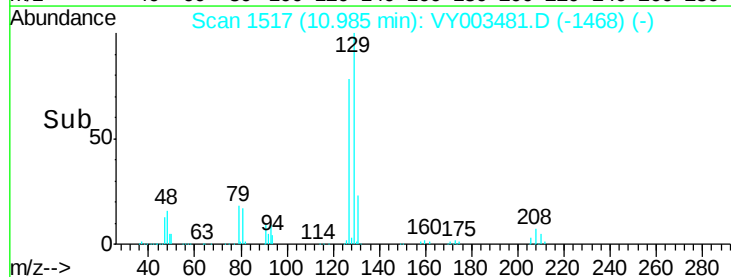
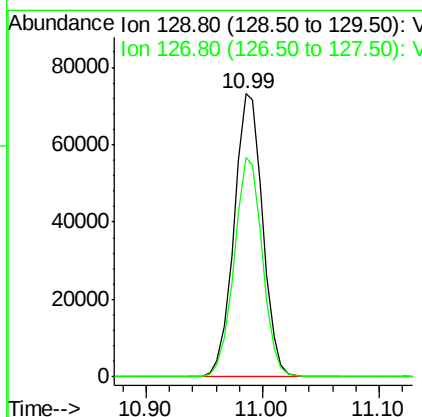
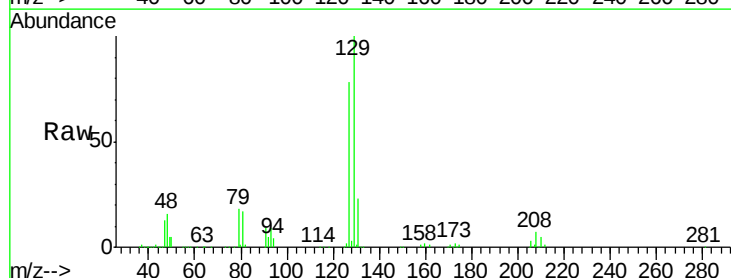
Manual Integrations
APPROVED

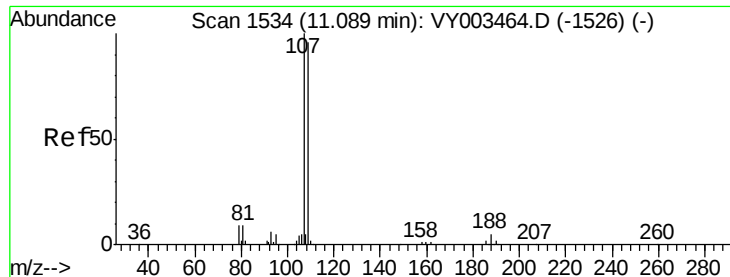
MMDadoda
11/4/2020 11:57:36 AM



#60
Dibromochloromethane
Concen: 51.103 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 129 Resp: 125234
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





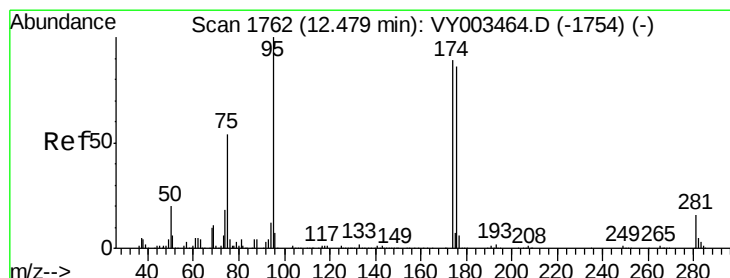
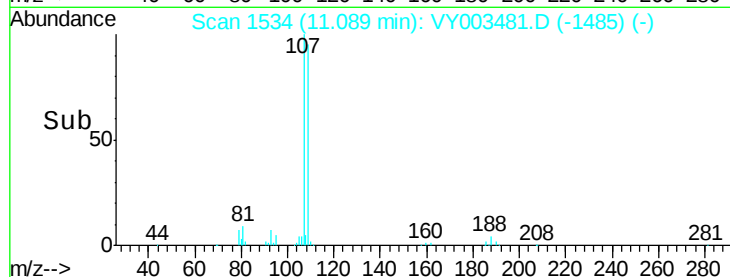
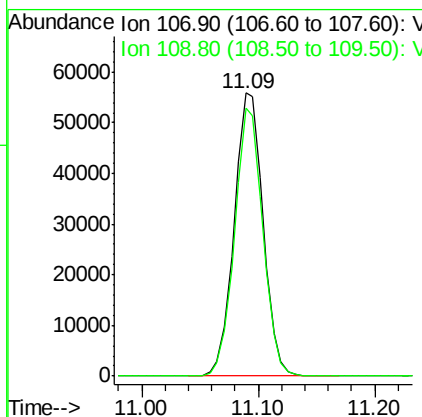
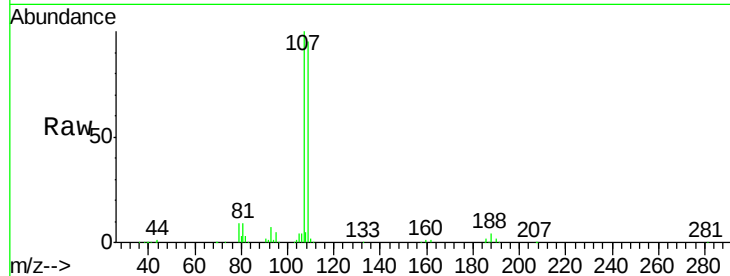
#61
 1,2-Dibromoethane
 Concen: 50.075 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	76.5	114.7

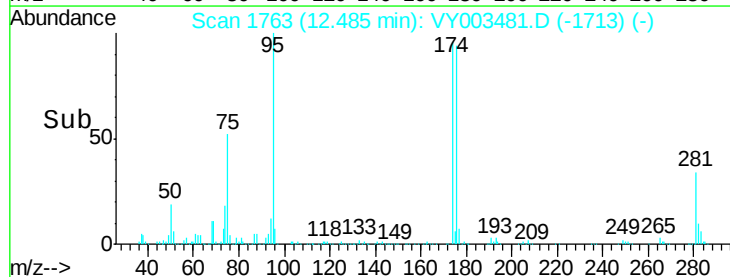
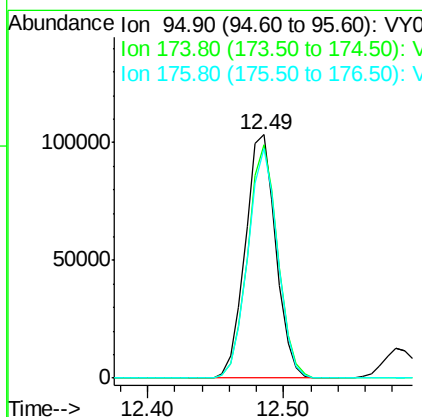
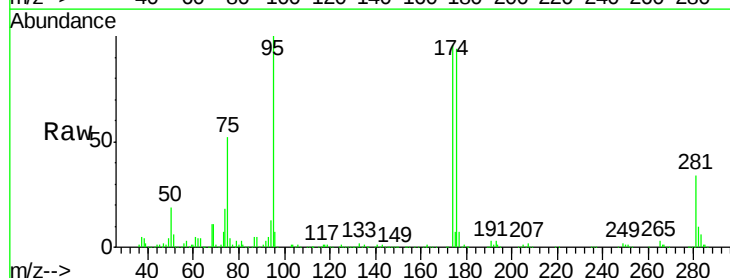
Manual Integrations
 APPROVED

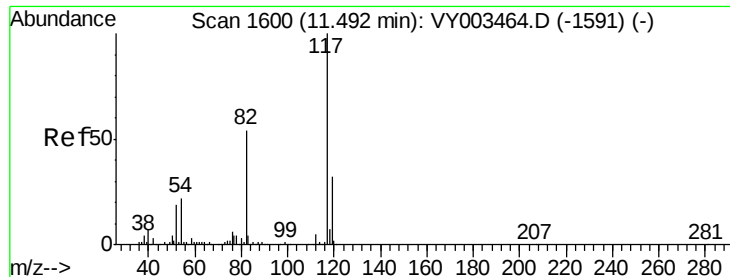
MMDadoda
 11/4/2020 11:57:36 AM



#62
 4-Bromofluorobenzene
 Concen: 50.349 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	193.0
176	92.1	0.0	187.4





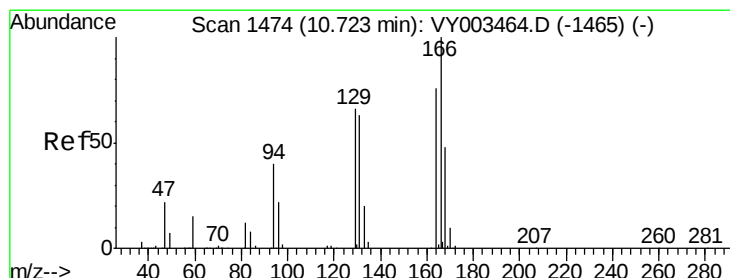
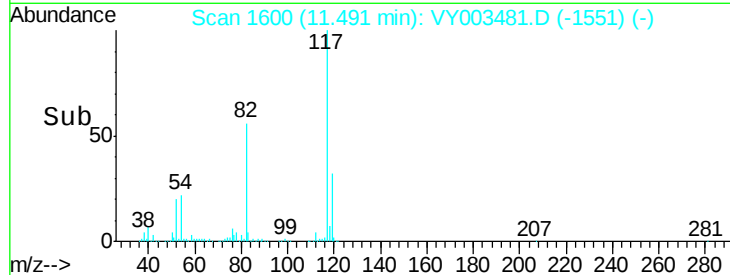
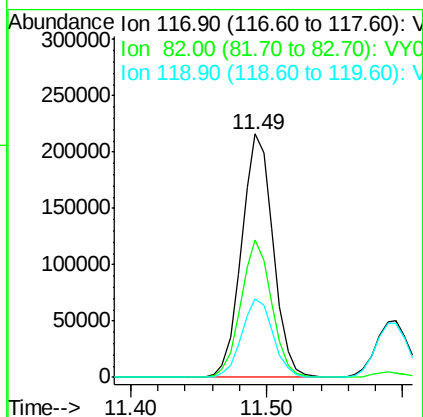
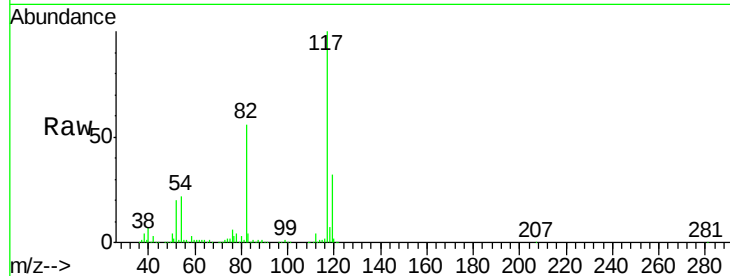
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	349788		
82	56.2	43.4	65.2	
119	32.2	25.8	38.6	

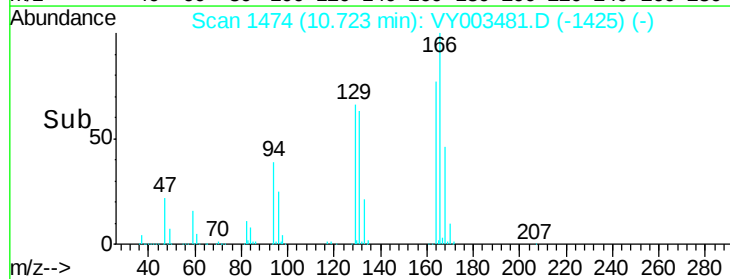
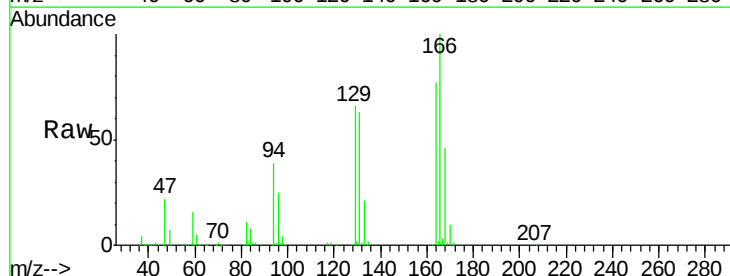
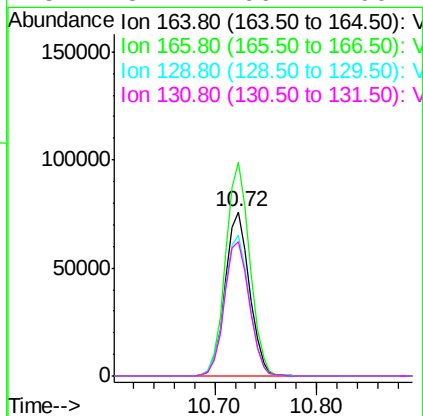
Manual Integrations
APPROVED

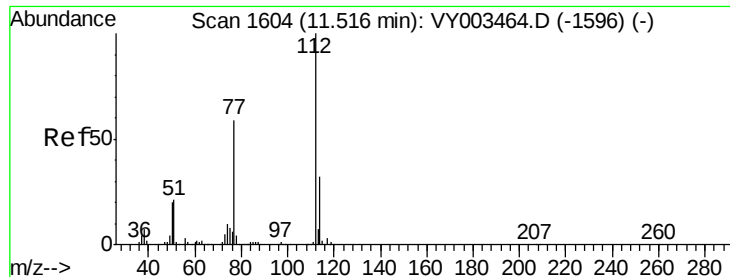
MMDadoda
11/4/2020 11:57:36 AM



#64
Tetrachloroethene
Concen: 47.730 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124683		
166	130.0	104.9	157.3	
129	85.8	68.9	103.3	
131	81.4	66.2	99.2	





#65

Chlorobenzene

Concen: 49.848 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 338742

Ion Ratio Lower Upper

112 100

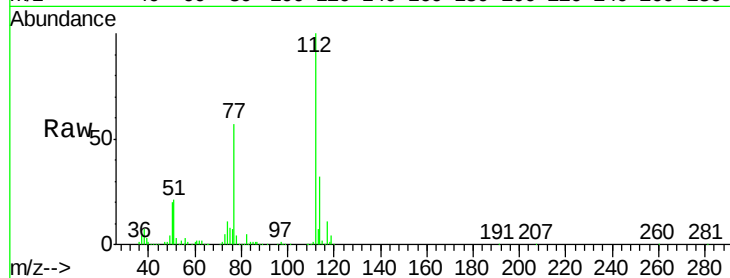
114 31.9 25.5 38.3

Manual Integrations

APPROVED

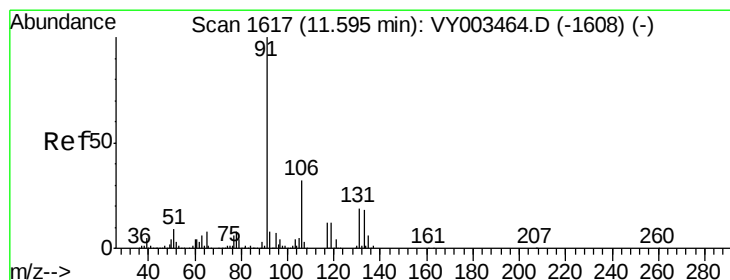
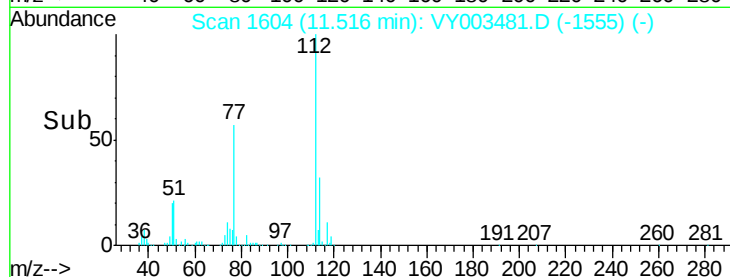
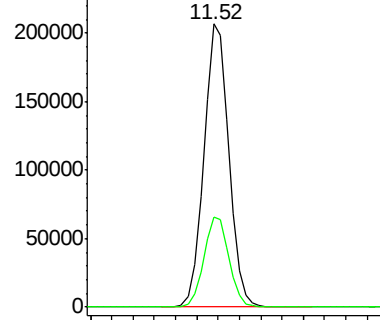
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.307 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

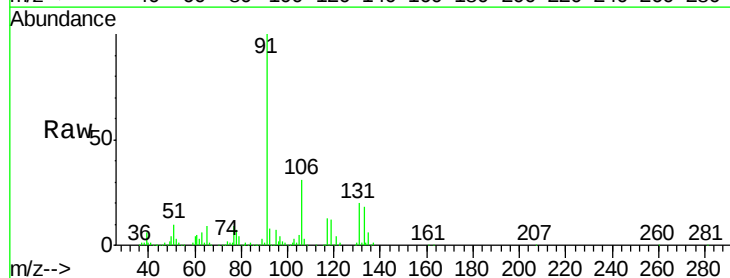
Tgt Ion:131 Resp: 128926

Ion Ratio Lower Upper

131 100

133 94.6 47.4 142.2

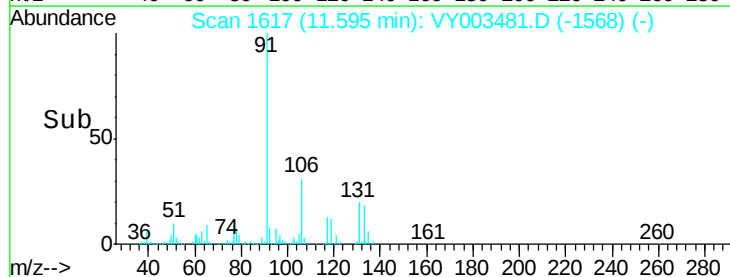
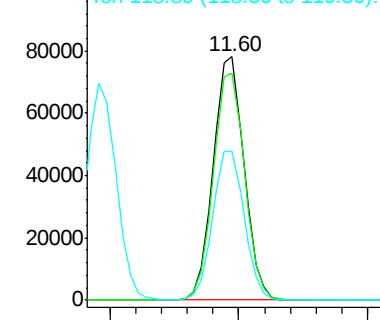
119 62.8 31.6 95.0

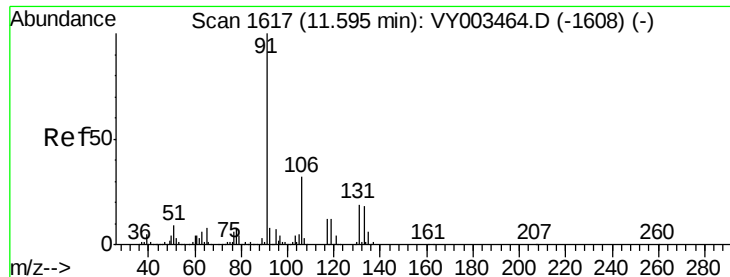


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





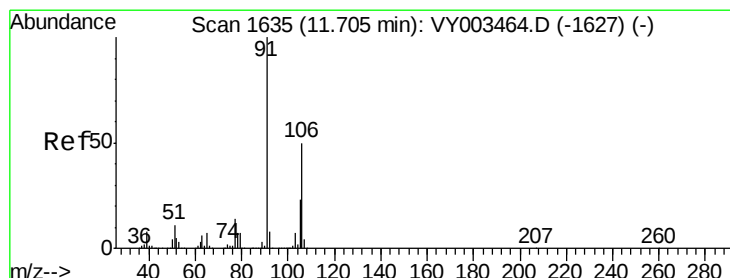
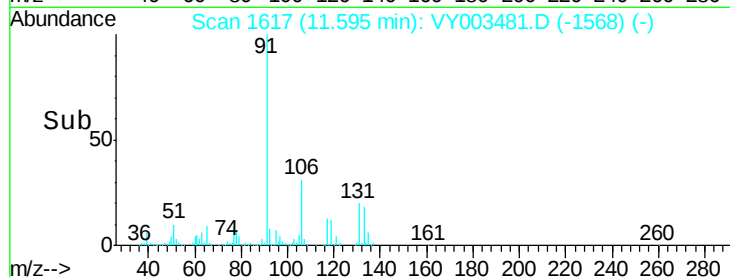
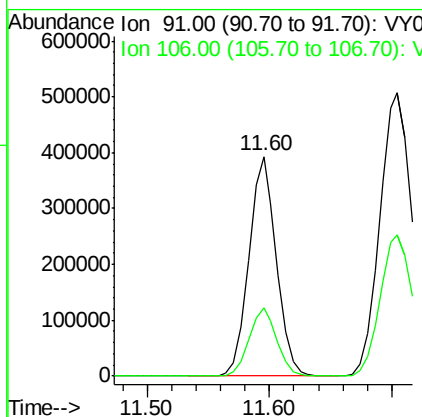
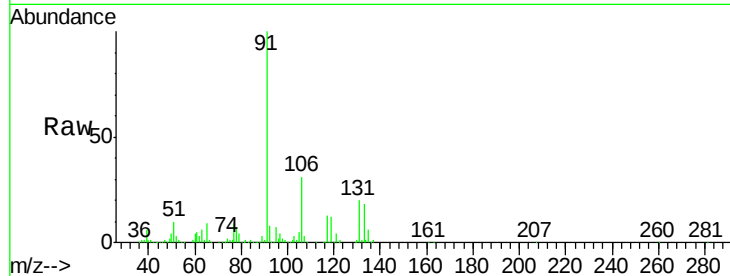
#67
Ethyl Benzene
Concen: 49.612 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.4	38.0

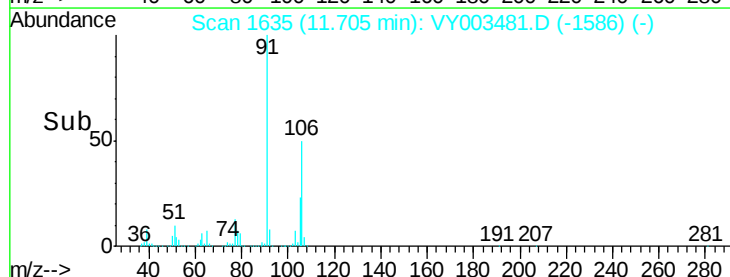
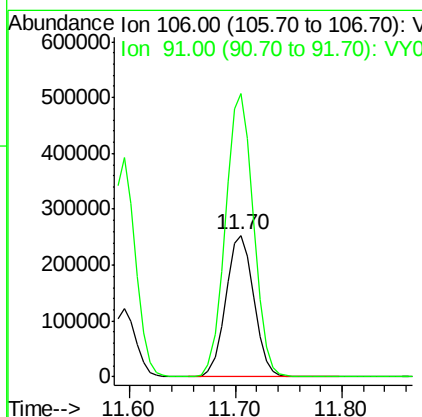
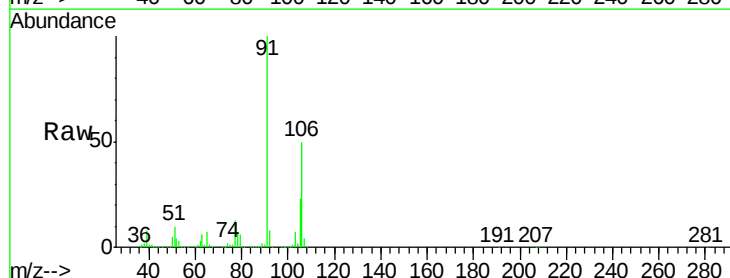
Manual Integrations
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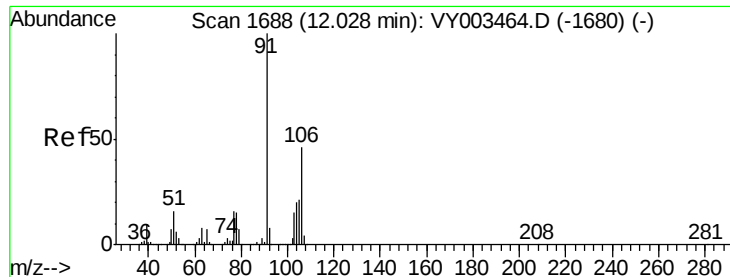
MMDadoda
11/4/2020 11:57:36 AM



#68
m/p-Xylenes
Concen: 99.957 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.0	161.0	241.6





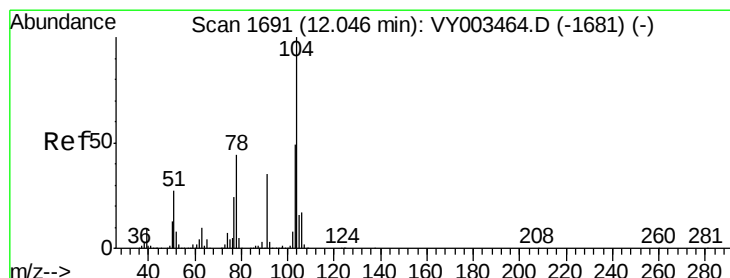
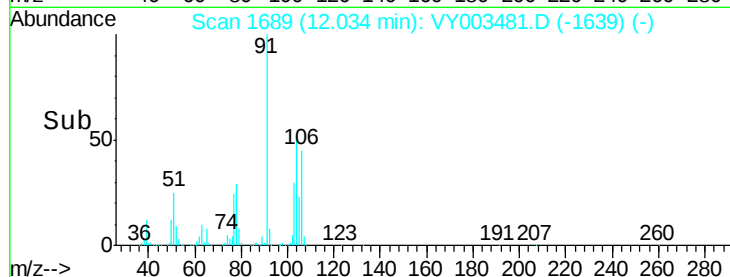
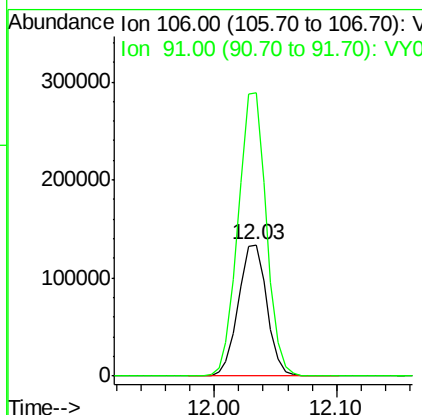
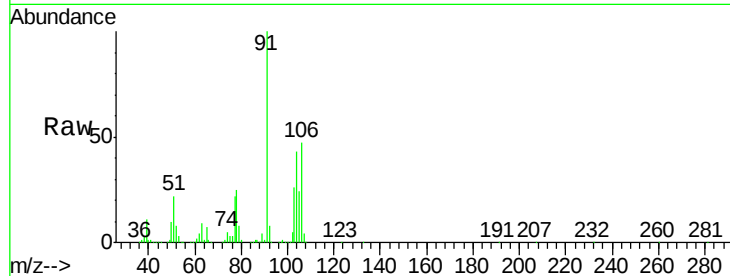
#69
o-Xylene
Concen: 50.349 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
216271	106	100		
	91	213.2	105.5	316.5

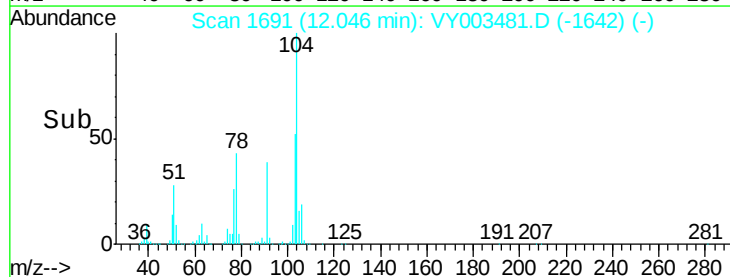
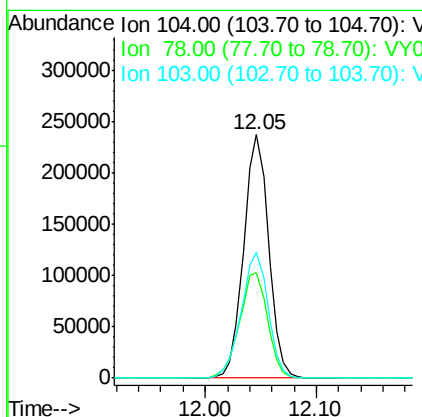
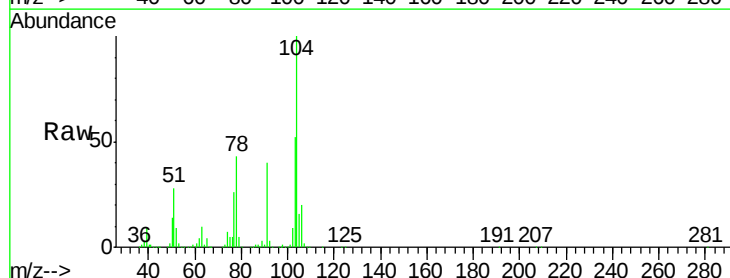
Manual Integrations
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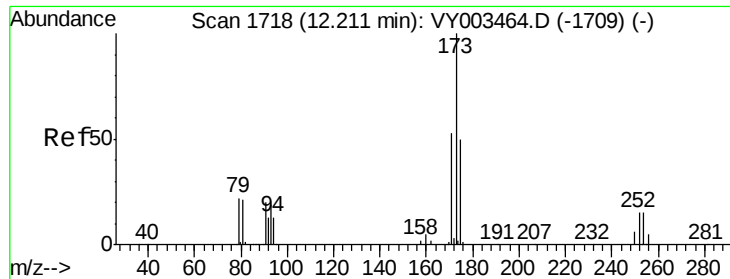
MMDadoda
11/4/2020 11:57:36 AM



#70
Styrene
Concen: 50.867 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ion	Ratio	Lower	Upper
370986	104	100		
	78	48.7	39.5	59.3
	103	55.5	44.2	66.2





#71

Bromoform

Concen: 49.726 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 84942

Ion Ratio Lower Upper

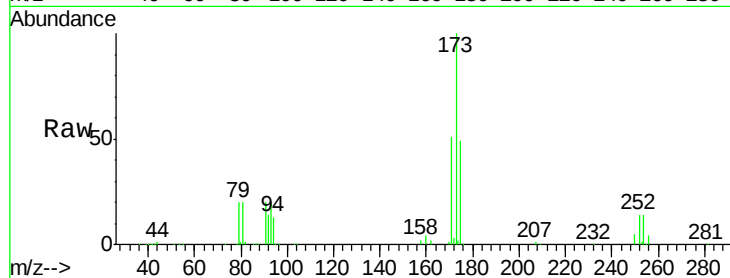
173 100

175 48.7 24.7 74.1

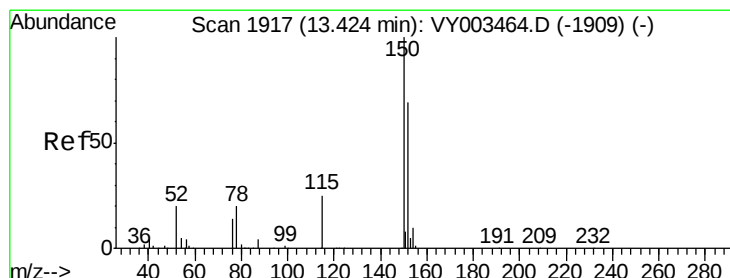
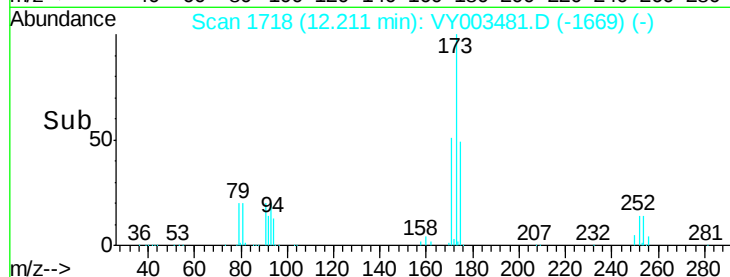
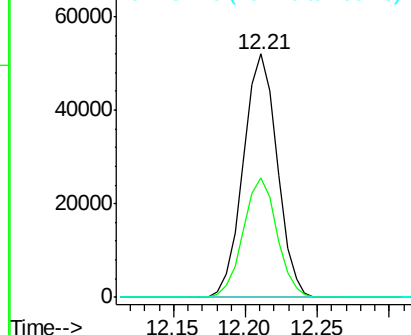
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

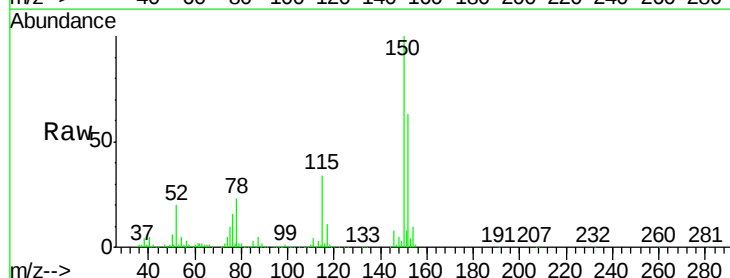
Tgt Ion:152 Resp: 186520

Ion Ratio Lower Upper

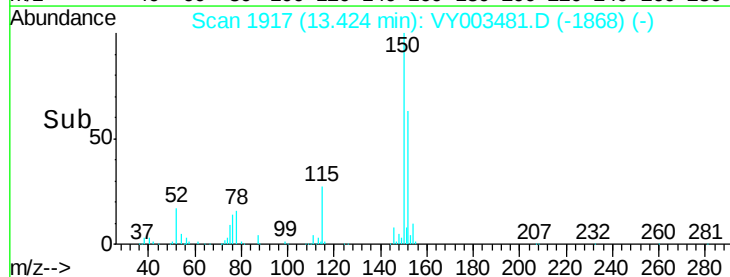
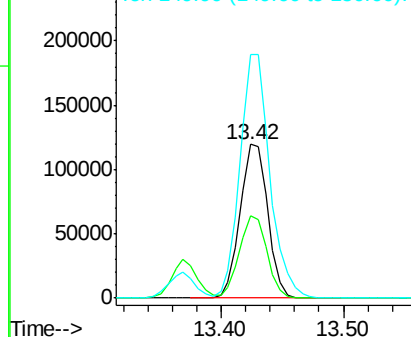
152 100

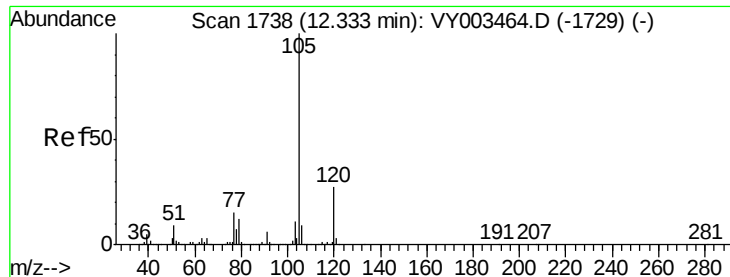
115 53.3 27.5 82.4

150 171.1 0.0 345.8



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





#73

Isopropylbenzene

Concen: 48.765 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 594160

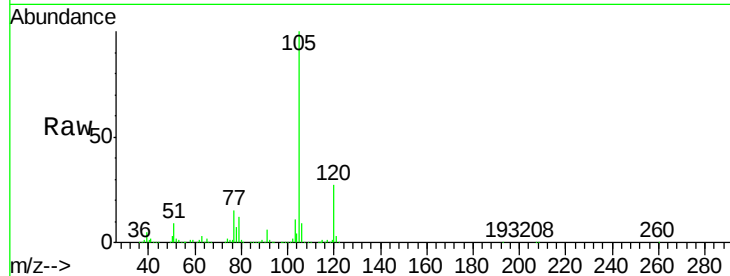
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

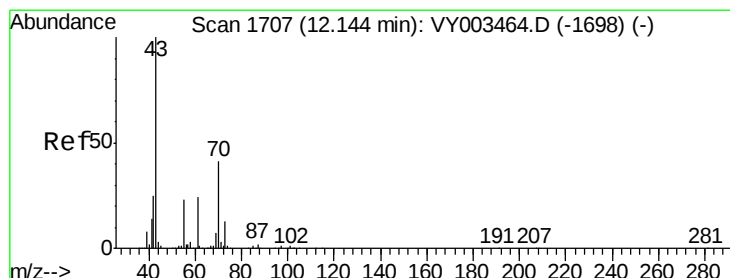
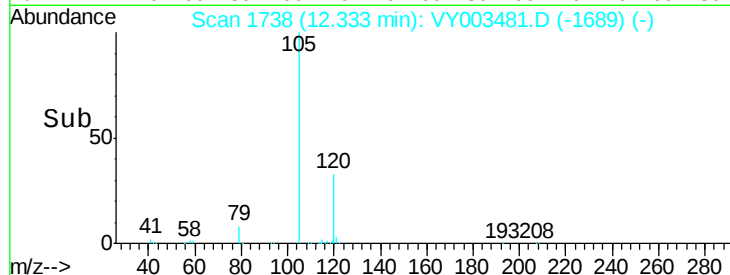
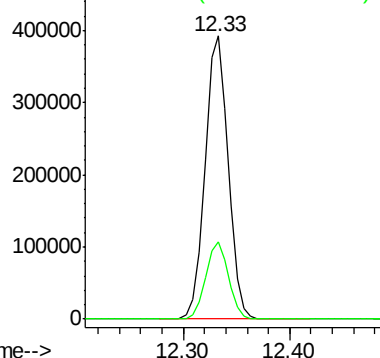
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.307 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion: 43 Resp: 166719

Ion Ratio Lower Upper

43 100

70 42.4 33.1 49.7

55 24.4 19.2 28.8

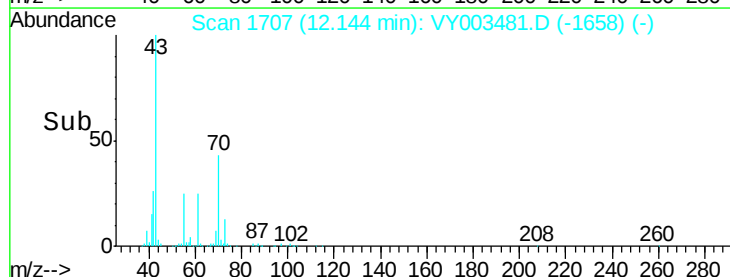
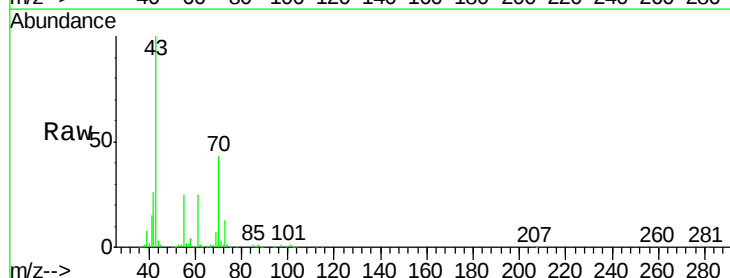
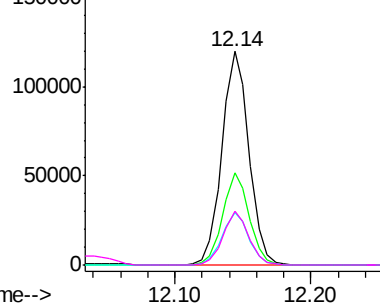
61 24.0 19.0 28.6

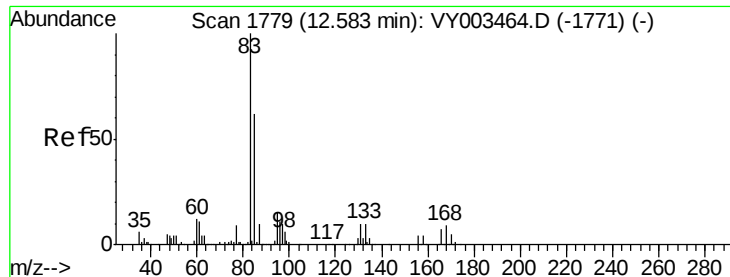
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.089 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 125152

Ion Ratio Lower Upper

83 100

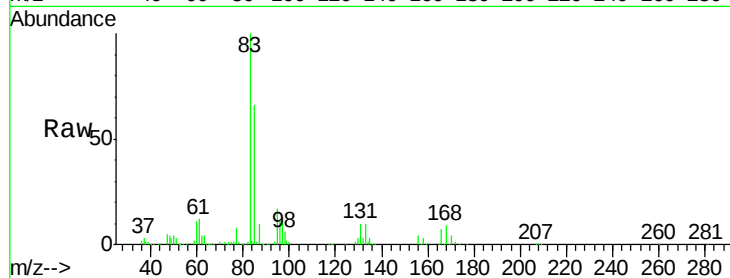
131 10.6 5.4 16.2

85 64.8 32.0 96.2

Manual Integrations
APPROVED

MMDadoda

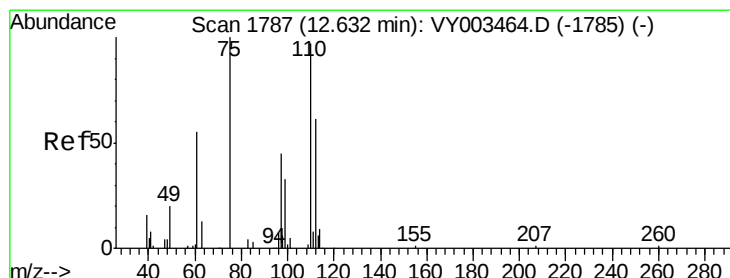
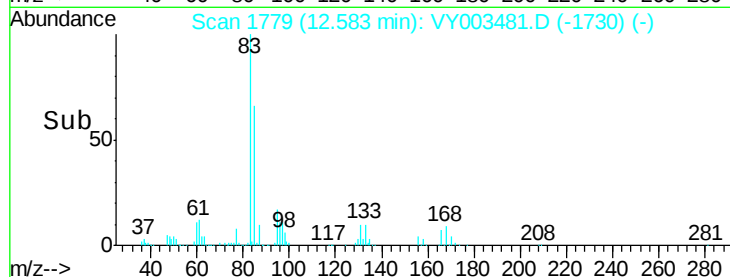
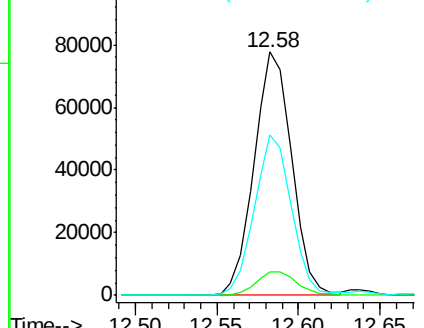
11/4/2020 11:57:36 AM



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 48.734 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003481.D

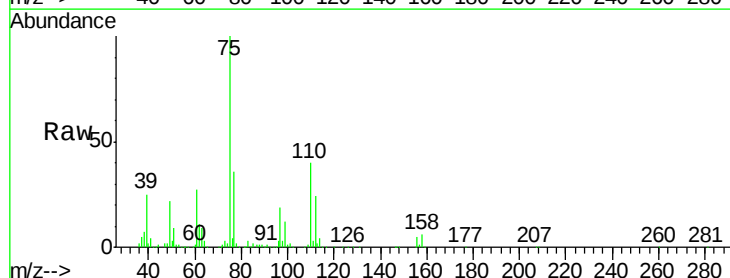
Acq: 03 Nov 2020 10:30

Tgt Ion: 75 Resp: 96177

Ion Ratio Lower Upper

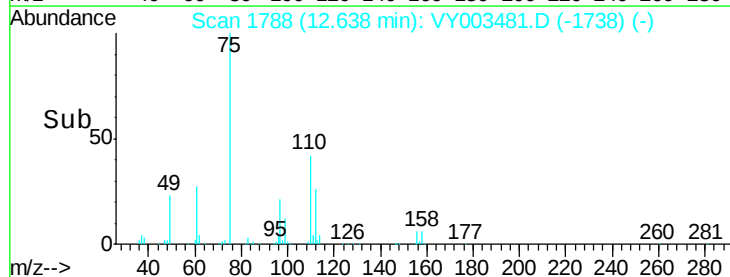
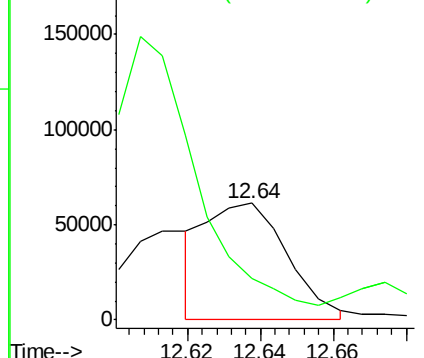
75 100

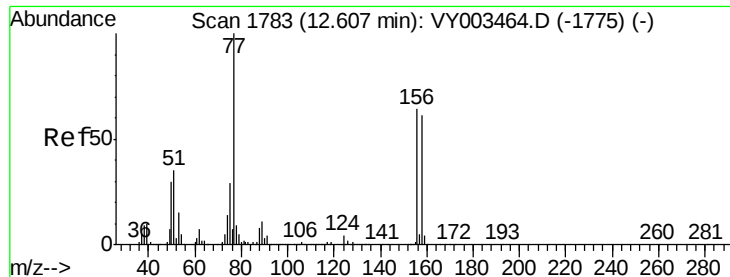
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.059 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

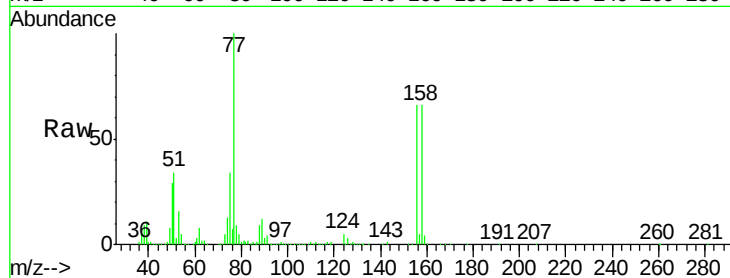
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.0	87.0	260.9
158	97.0	48.7	146.1

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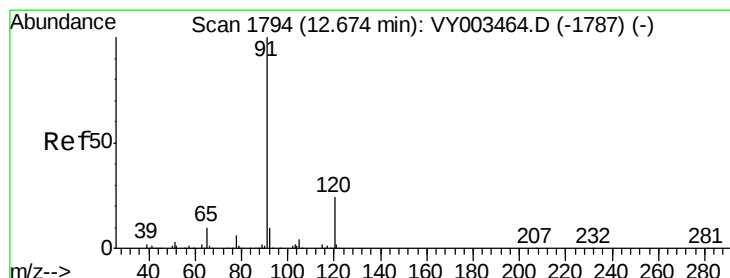
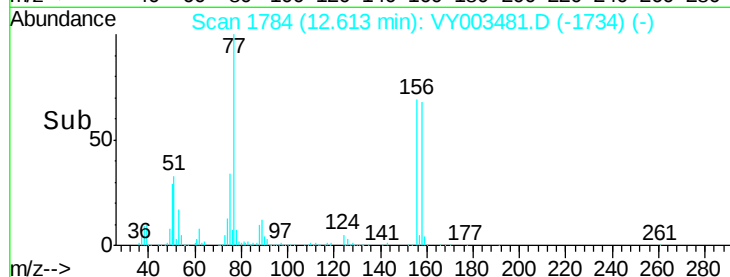
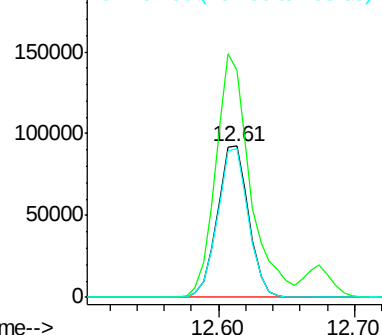
MMDadoda
11/4/2020 11:57:36 AM



Abundance Ion 155.80 (155.50 to 156.50): VY003464.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY003481.D (-1734) (-)

Ion 157.80 (157.50 to 158.50): VY003464.D (-1775) (-)



#78

n-propylbenzene

Concen: 48.915 ug/l

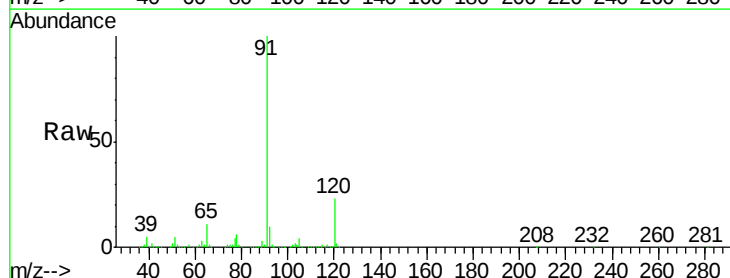
RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY003481.D

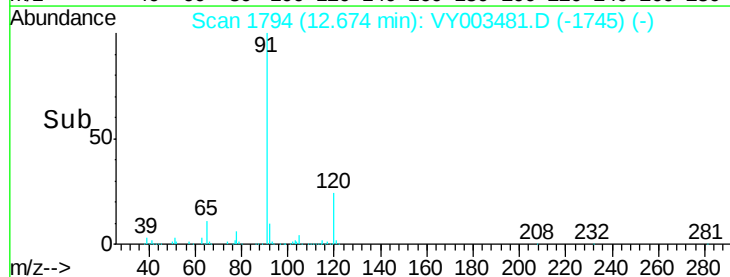
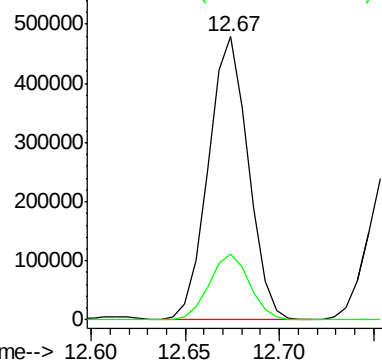
Acq: 03 Nov 2020 10:30

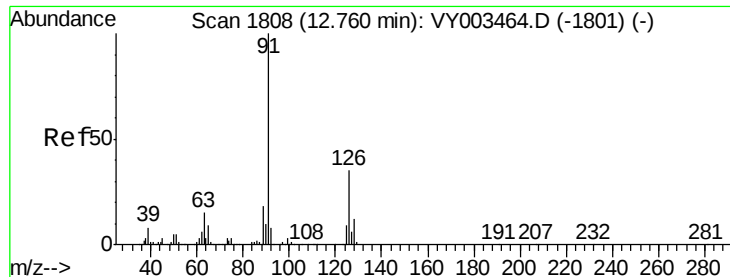
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY003481.D (-1745) (-)





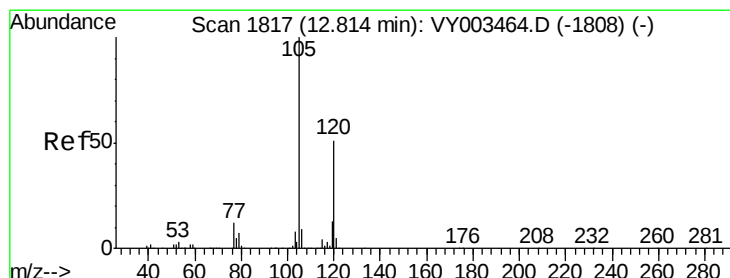
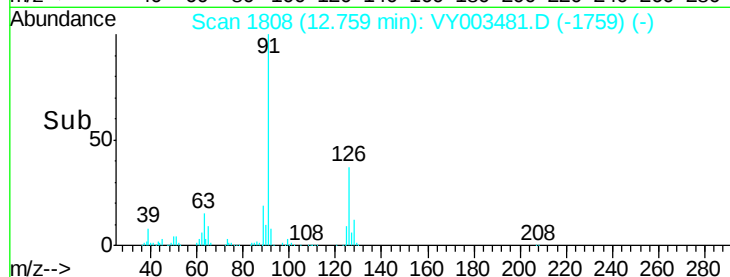
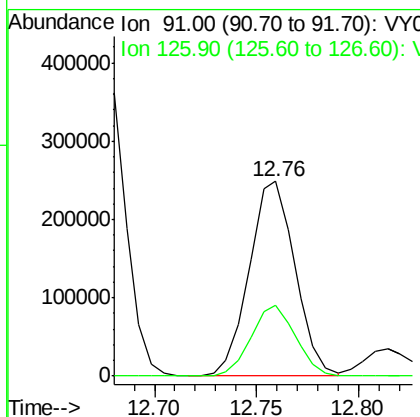
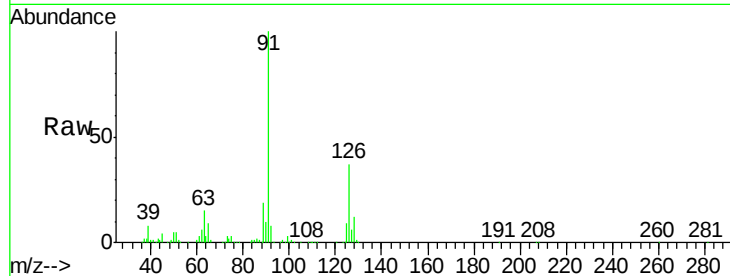
#79
2-Chlorotoluene
Concen: 48.683 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.6	17.8	53.3	

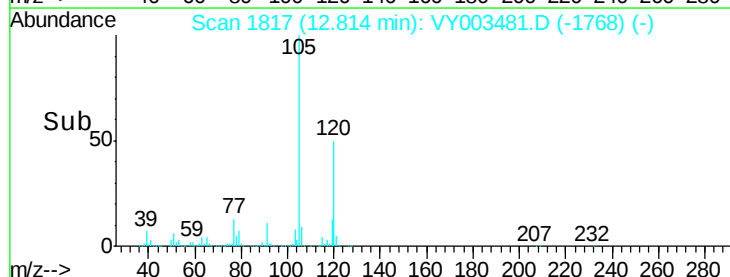
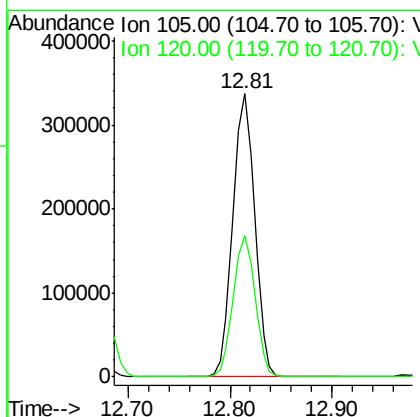
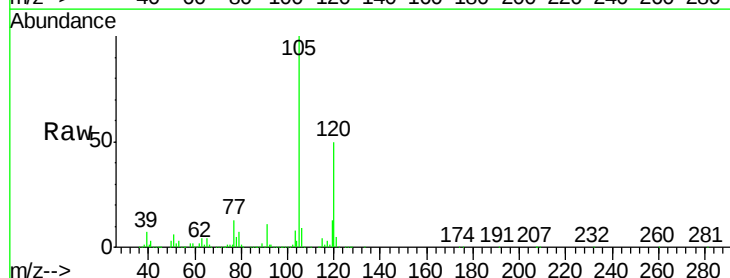
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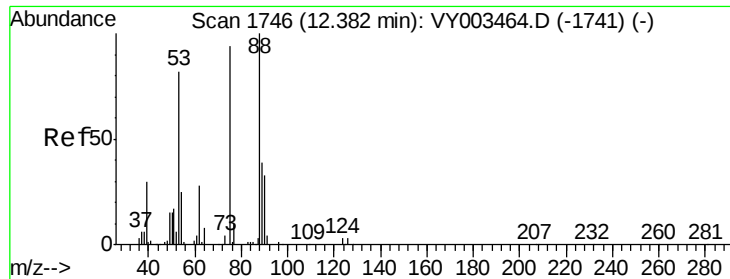
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11/4/2020 11:57:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 49.383 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	49.8	25.3	75.9	





#81

trans-1,4-Dichloro-2-butene

Concen: 46.468 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

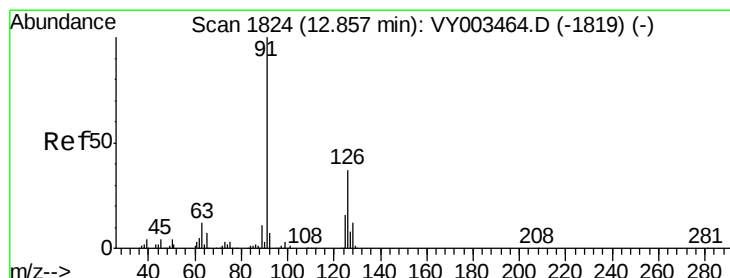
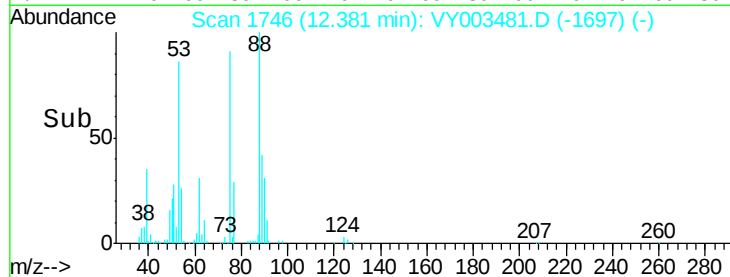
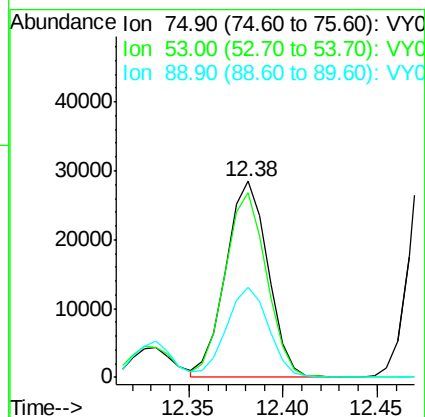
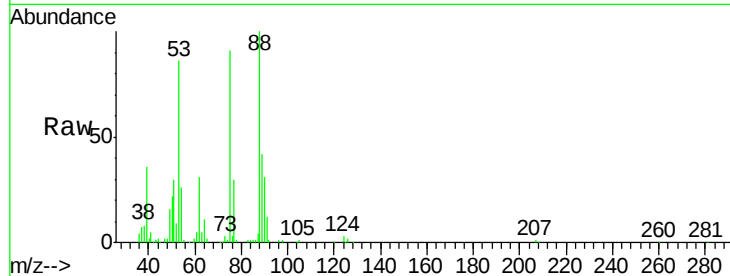
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	43938
Ion	Ratio	Lower	Upper
75	100		
53	93.7	74.7	112.1
89	46.3	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.304 ug/l

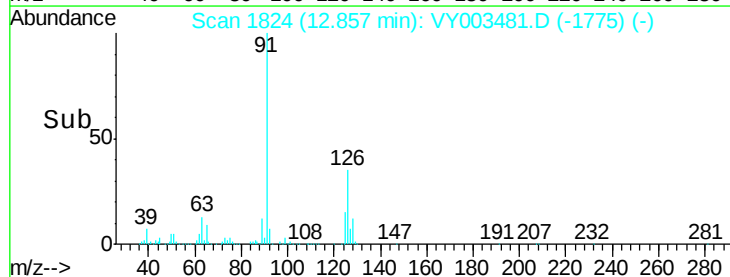
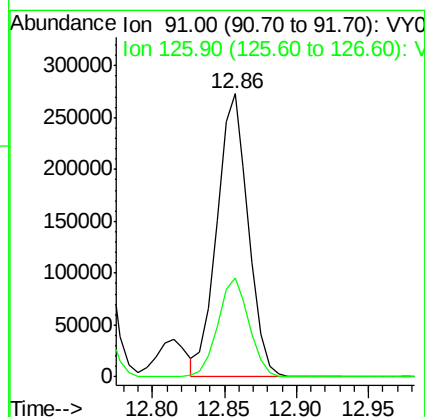
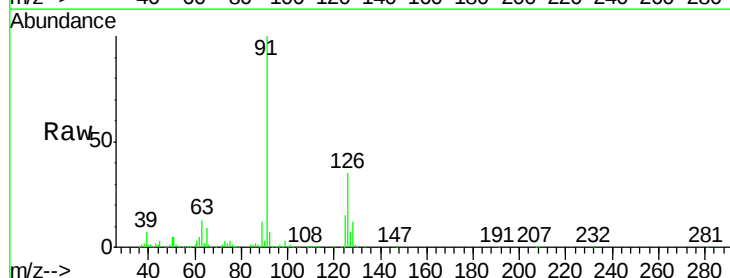
RT: 12.86 min Scan# 1824

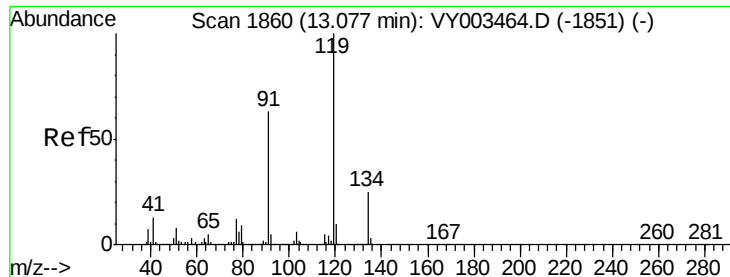
Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:	91	Resp:	413126
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.6	52.8





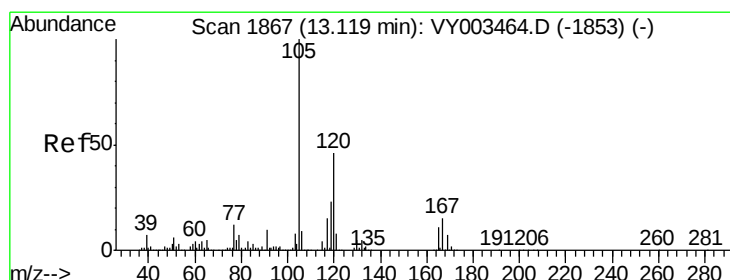
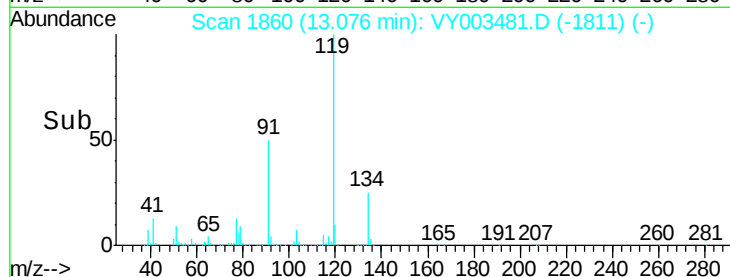
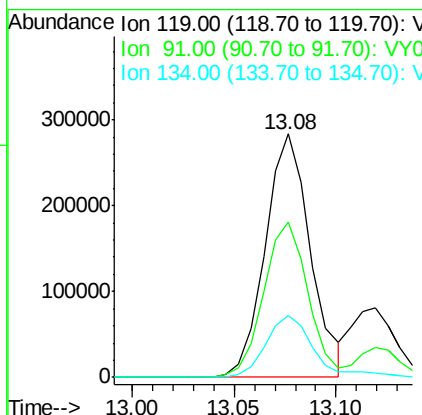
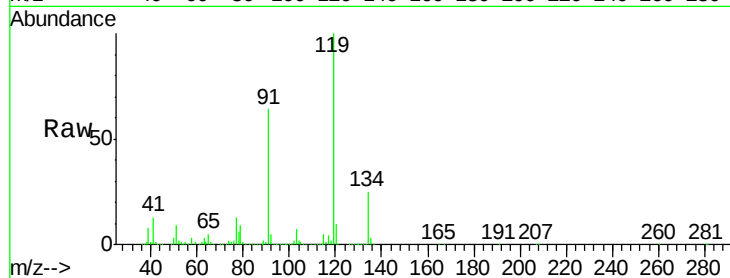
#83
tert-Butylbenzene
Concen: 48.812 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.5	31.1	93.2
134	27.1	13.4	40.1

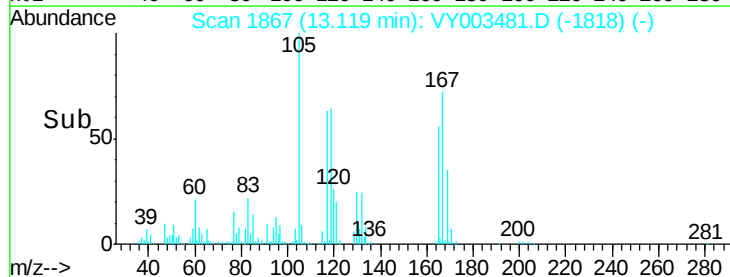
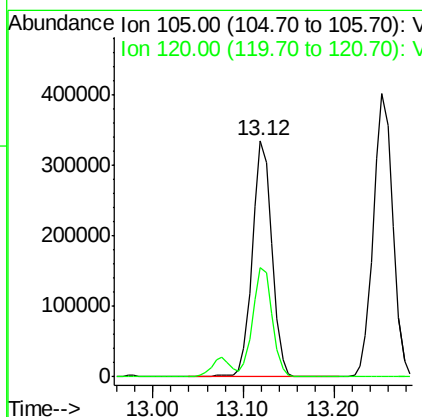
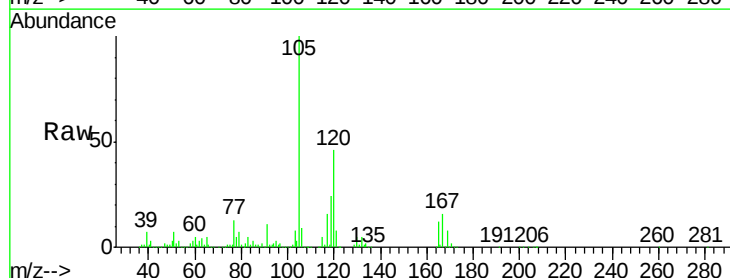
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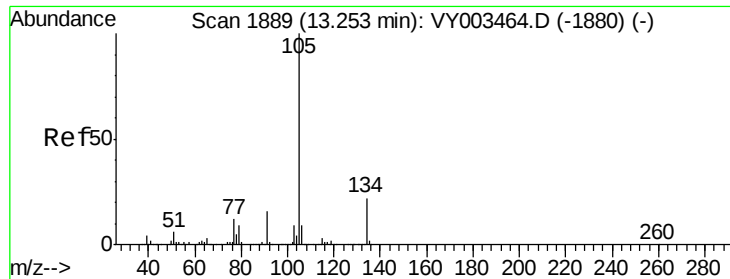
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#84
1,2,4-Trimethylbenzene
Concen: 49.518 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 49.302 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 597689

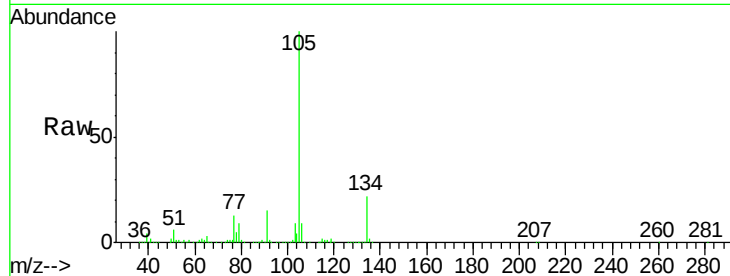
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

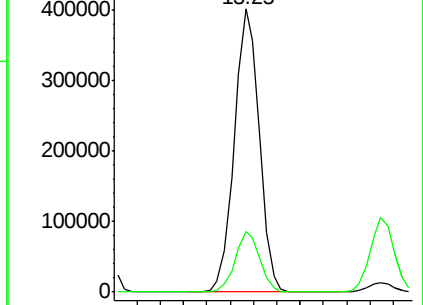
Manual Integrations
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MMDadoda
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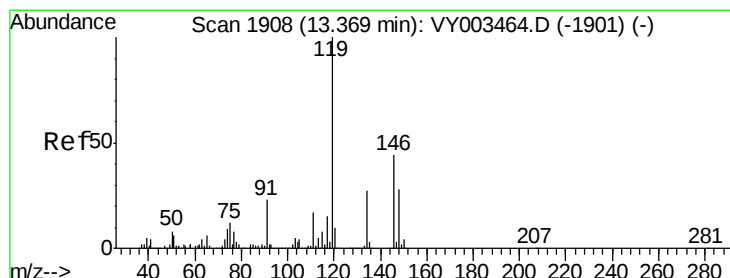
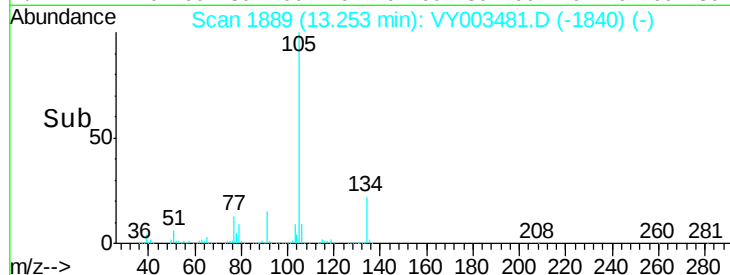


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.516 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

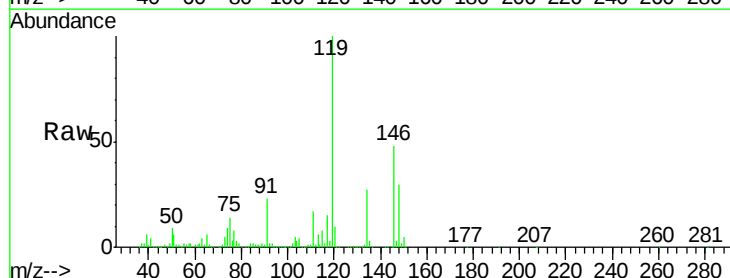
Tgt Ion:119 Resp: 556707

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

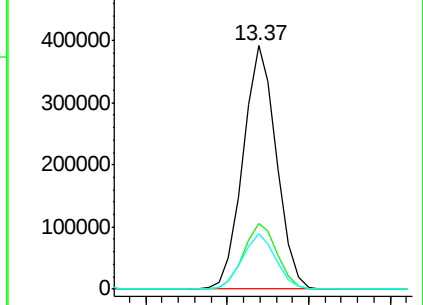
91 22.8 11.4 34.2



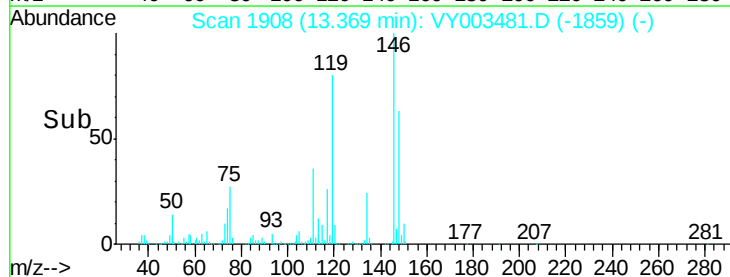
Abundance Ion 119.00 (118.70 to 119.70): V

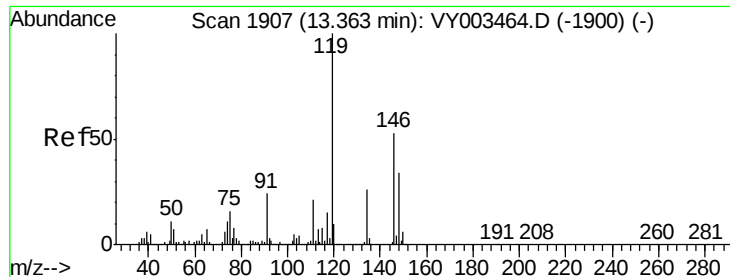
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





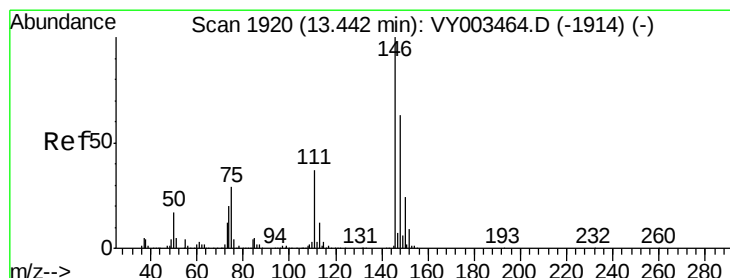
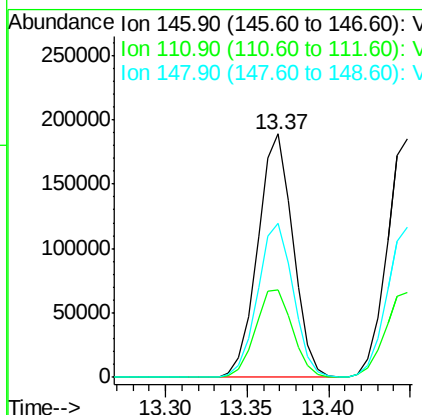
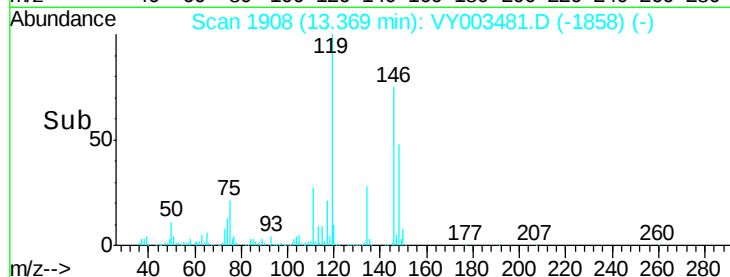
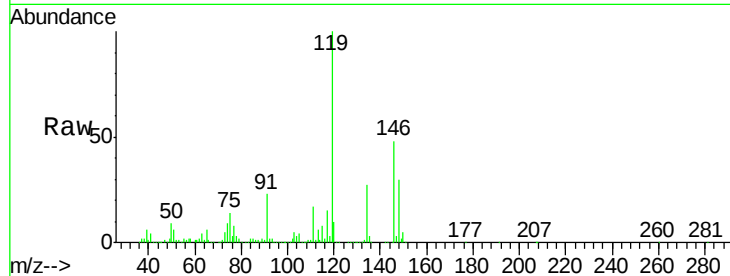
#87
 1,3-Dichlorobenzene
 Concen: 49.211 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.8	32.4	97.0

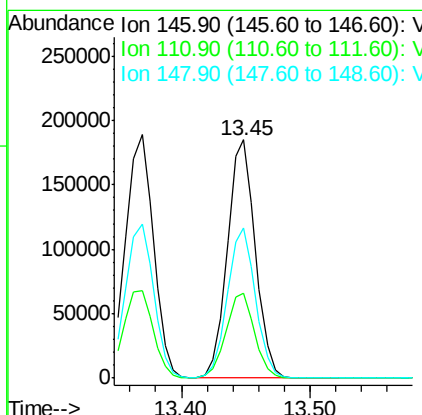
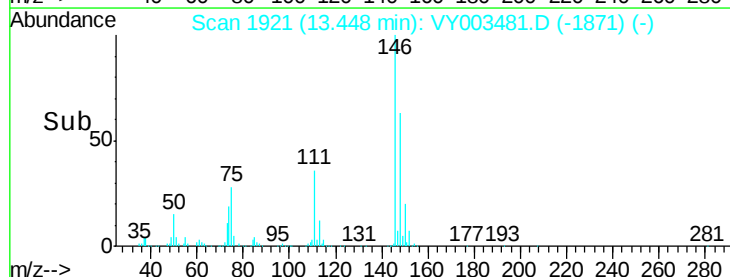
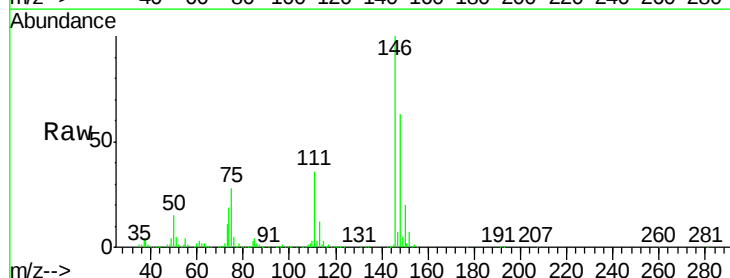
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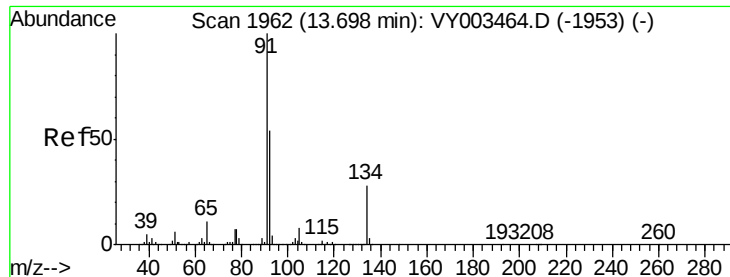
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.816 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	63.5	32.0	96.0





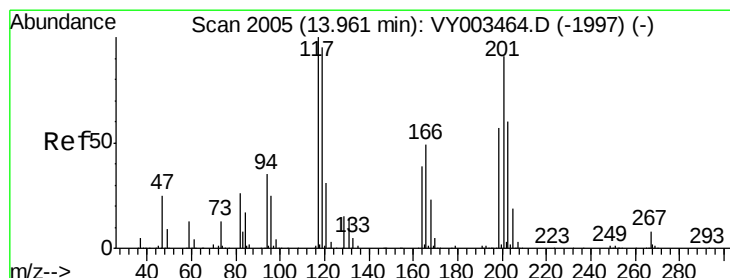
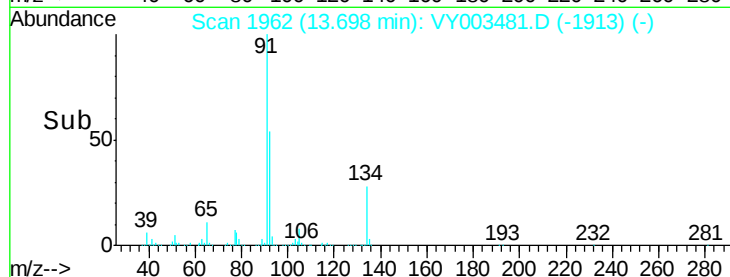
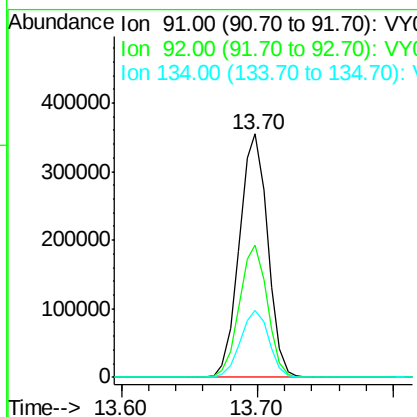
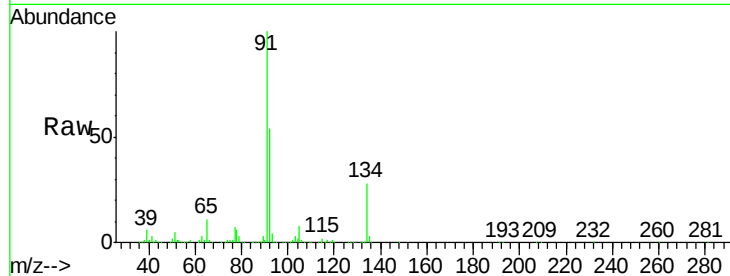
#89
n-Butylbenzene
Concen: 50.103 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	27.6	13.8	41.3

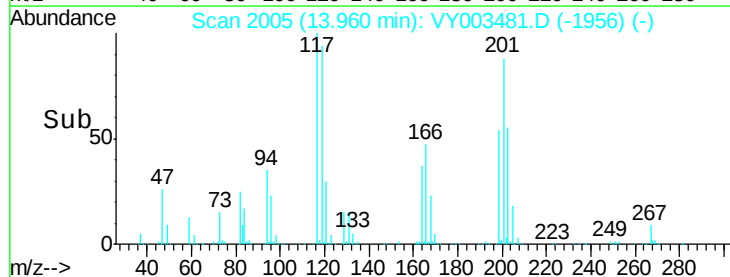
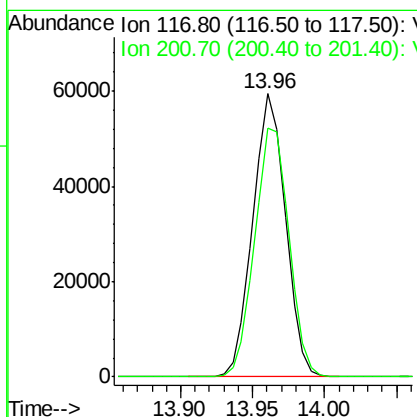
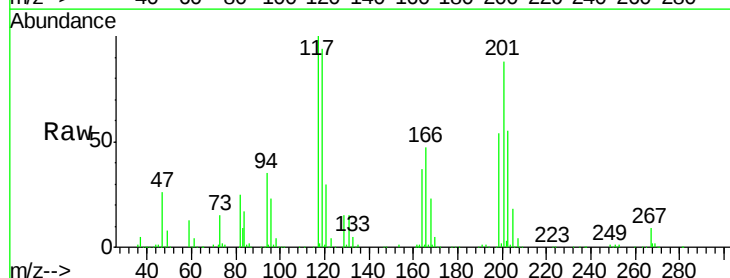
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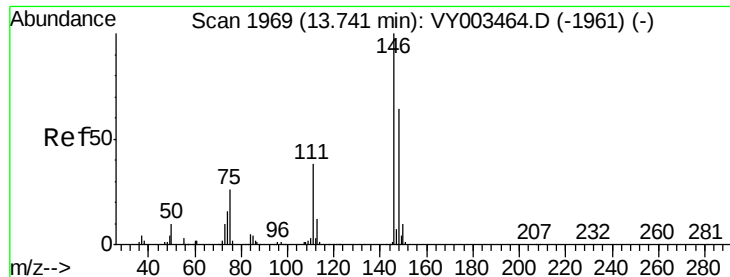
MMDadoda
11/4/2020 11:57:36 AM



#90
Hexachloroethane
Concen: 49.285 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	46.6	139.8





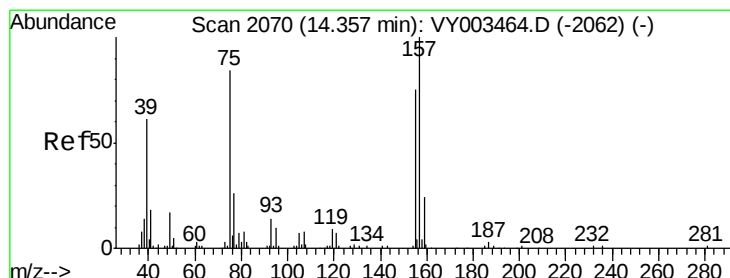
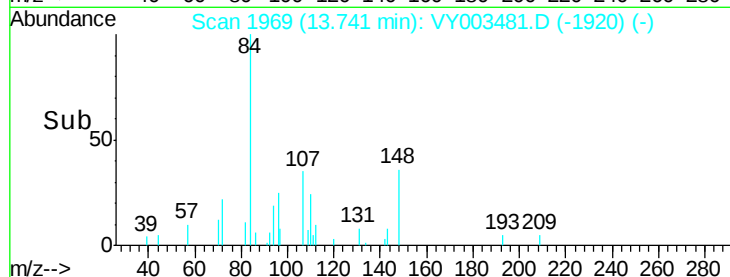
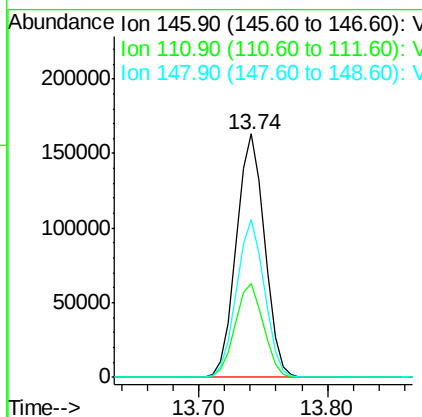
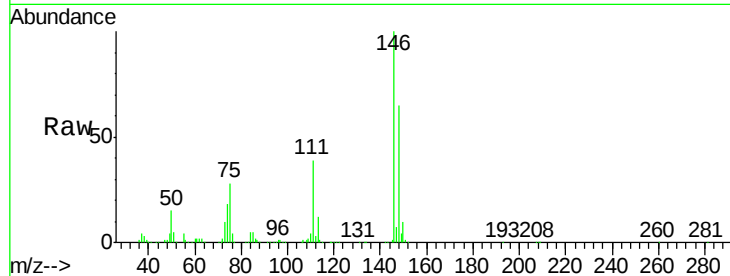
#91
 1,2-Dichlorobenzene
 Concen: 48.565 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	248796		
111	38.8	19.3	57.8	
148	64.1	32.3	96.8	

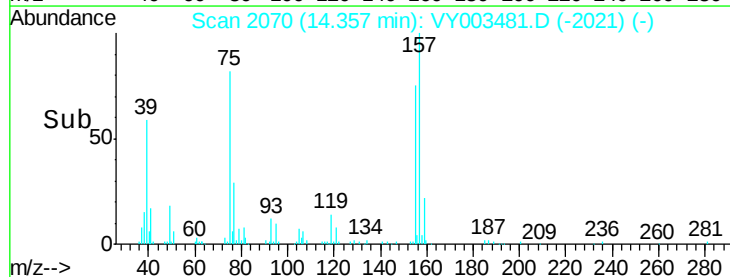
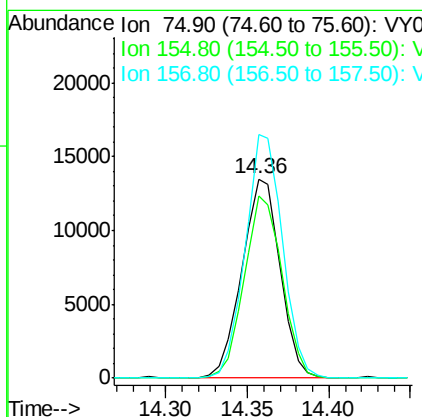
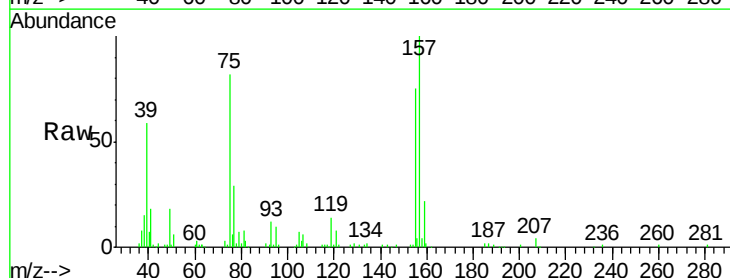
Manual Integrations
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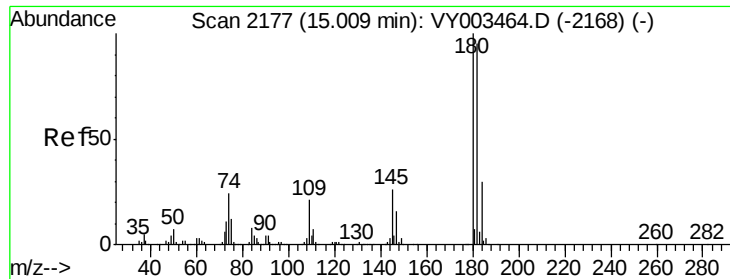
MMDadoda
 11/4/2020 11:57:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.859 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22076		
155	90.2	45.6	136.7	
157	118.8	60.3	180.8	





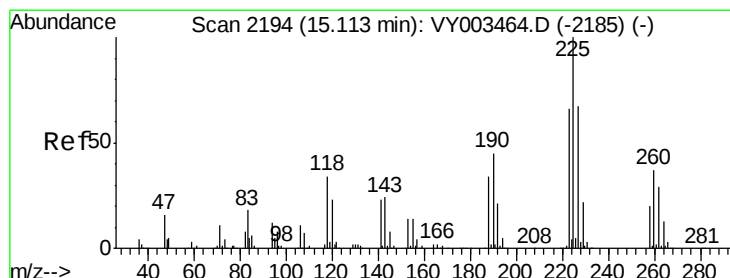
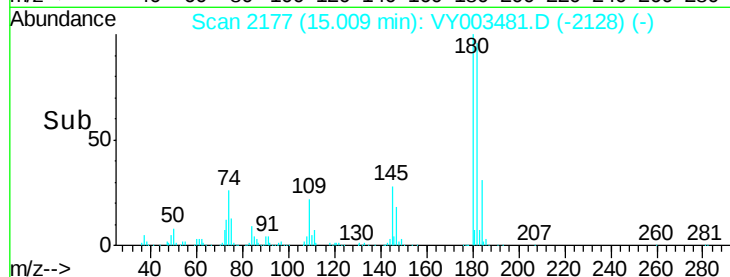
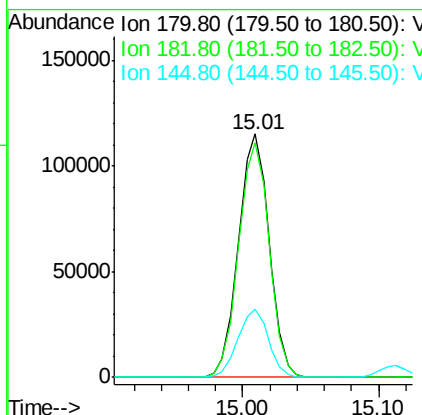
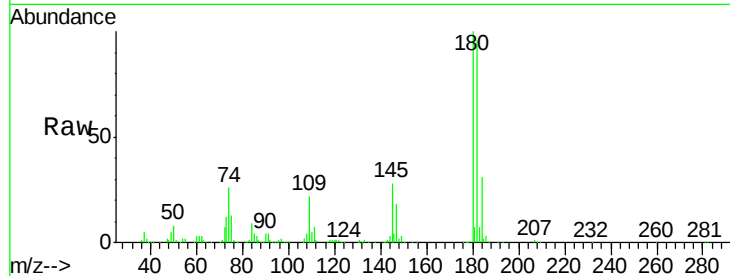
#93
 1,2,4-Trichlorobenzene
 Concen: 49.899 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180818		
182	96.2	48.1	144.3	
145	27.9	13.8	41.3	

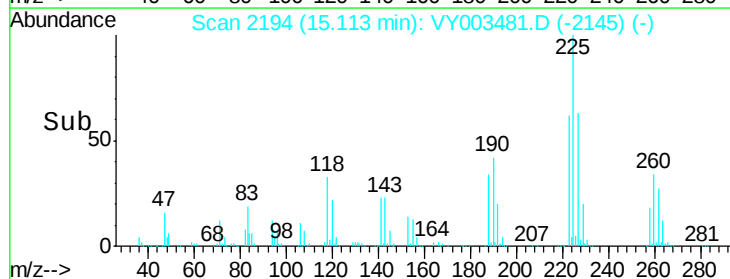
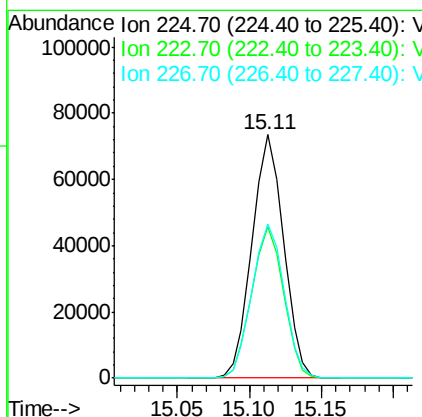
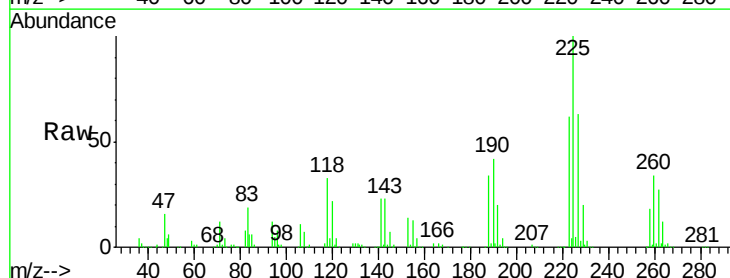
Manual Integrations
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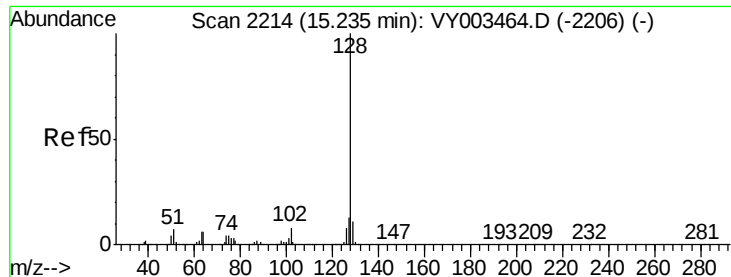
MMDadoda
 11/4/2020 11:57:36 AM



#94
 Hexachlorobutadiene
 Concen: 47.947 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111767		
223	62.7	32.1	96.3	
227	64.5	32.4	97.2	





#95

Naphthalene

Concen: 49.138 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

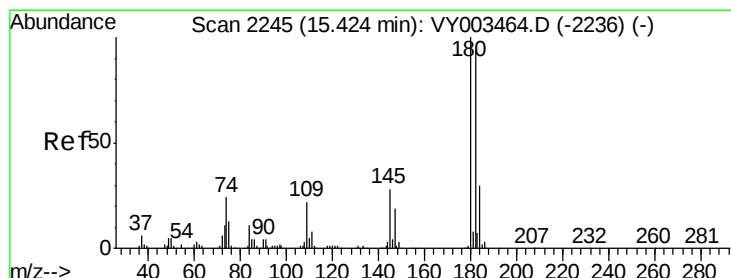
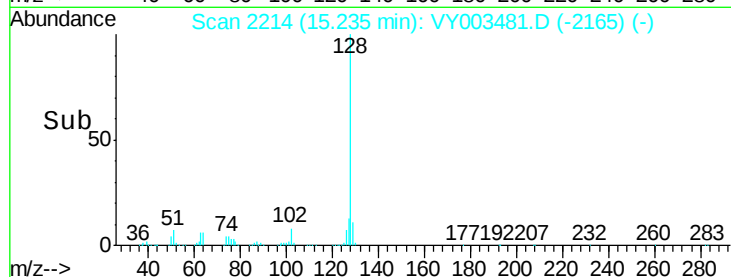
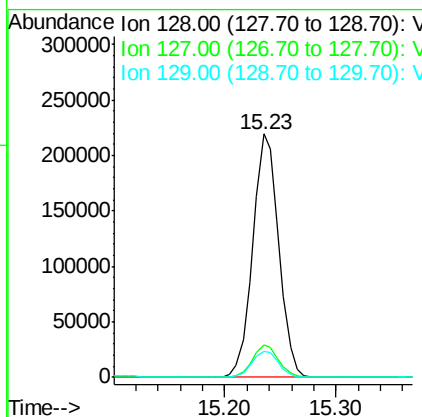
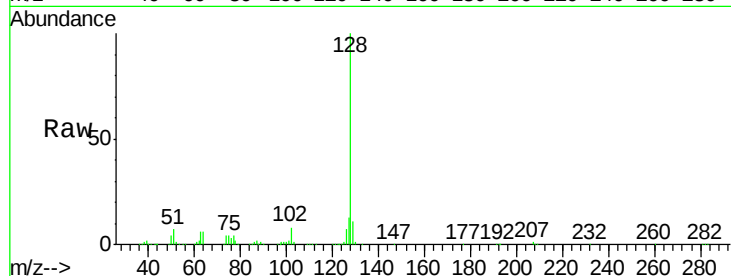
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	356562
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 49.870 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:	180	Resp:	162557
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.9	140.7
145	29.4	14.4	43.2

