

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003516.D
 Acq On : 05 Nov 2020 10:31
 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
 11/6/2020 9:27:03 AM

Quant Time: Nov 05 23:55:24 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	254414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	359762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	119087	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.72	113	105183	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.18	98	431671	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.48	95	145740	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	90919	45.167	ug/l	100
3) Chloromethane	2.12	50	123487	46.599	ug/l	99
4) Vinyl Chloride	2.26	62	138036	46.404	ug/l	100
5) Bromomethane	2.66	94	101575	40.870	ug/l	99
6) Chloroethane	2.80	64	86053	48.536	ug/l	99
7) Trichlorofluoromethane	3.13	101	180623	47.838	ug/l	99
8) Diethyl Ether	3.54	74	56819	49.072	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103592	49.640	ug/l	100
10) Methyl Iodide	4.10	142	106735	49.846	ug/l	99
11) Tert butyl alcohol	4.97	59	55495	210.882	ug/l	99
12) 1,1-Dichloroethene	3.88	96	100592	48.447	ug/l	98
13) Acrolein	3.74	56	37475	173.132	ug/l	98
14) Allyl chloride	4.49	41	178064	47.006	ug/l	99
15) Acrylonitrile	5.18	53	137355	222.237	ug/l	99
16) Acetone	3.96	43	208802	242.678	ug/l	99
17) Carbon Disulfide	4.20	76	316123	46.997	ug/l	100
18) Methyl Acetate	4.49	43	71468	43.954	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	252370	49.074	ug/l	99
20) Methylene Chloride	4.72	84	110319	45.528	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	115646	48.101	ug/l	97
22) Diisopropyl ether	6.13	45	330353	49.721	ug/l	98
23) Vinyl Acetate	6.07	43	1192151	238.772	ug/l	100
24) 1,1-Dichloroethane	6.03	63	205217	48.605	ug/l	100
25) 2-Butanone	6.99	43	247517	230.009	ug/l	100
26) 2,2-Dichloropropane	6.99	77	190242	48.366	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	127859	49.079	ug/l	100
28) Bromochloromethane	7.34	49	100272	47.209	ug/l	100
29) Tetrahydrofuran	7.35	42	123828	220.214	ug/l	99
30) Chloroform	7.51	83	205450	49.543	ug/l	100
31) Cyclohexane	7.79	56	179339	45.875	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	189434	48.966	ug/l	100
36) 1,1-Dichloropropene	7.92	75	167560	49.399	ug/l	100
37) Ethyl Acetate	7.08	43	92109	43.731	ug/l	99
38) Carbon Tetrachloride	7.91	117	174451	49.575	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	184813	48.932	ug/l	99
40) Benzene	8.16	78	461774	48.919	ug/l	100
41) Methacrylonitrile	7.32	41	47602m	42.322	ug/l	
42) 1,2-Dichloroethane	8.24	62	141160	47.725	ug/l	100
43) Isopropyl Acetate	8.28	43	172055	45.453	ug/l	98
44) Trichloroethene	8.94	130	132268	49.912	ug/l	96
45) 1,2-Dichloropropane	9.22	63	119537	50.145	ug/l	100
46) Dibromomethane	9.31	93	63636	48.522	ug/l	98
47) Bromodichloromethane	9.50	83	160143	49.889	ug/l	99
48) Methyl methacrylate	9.29	41	82139	46.064	ug/l	97
49) 1,4-Dioxane	9.30	88	14558	889.628	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	464201	230.163	ug/l	100
52) Toluene	10.24	92	295203	50.000	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	168088	49.205	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	194286	50.542	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	91718	49.265	ug/l	97
56) Ethyl methacrylate	10.51	69	123724	49.616	ug/l	99
57) 1,3-Dichloropropane	10.79	76	161694	49.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	305836	241.933	ug/l	99
59) 2-Hexanone	10.83	43	355394	237.996	ug/l	99
60) Dibromochloromethane	10.99	129	116252	50.805	ug/l	100
61) 1,2-Dibromoethane	11.09	107	87849	48.877	ug/l	98
64) Tetrachloroethene	10.72	164	122658	49.793	ug/l	97
65) Chlorobenzene	11.52	112	319596	49.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	121601	50.317	ug/l	99
67) Ethyl Benzene	11.59	91	579910	49.907	ug/l	99
68) m/p-Xylenes	11.70	106	444744	101.000	ug/l	98
69) o-Xylene	12.03	106	206350	50.943	ug/l	100
70) Styrene	12.04	104	353718	51.430	ug/l	99
71) Bromoform	12.20	173	78917	48.991	ug/l	99
73) Isopropylbenzene	12.33	105	567218	48.533	ug/l	100
74) N-amyl acetate	12.14	43	153607	46.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115612	46.312	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	93737m	49.516	ug/l	
77) Bromobenzene	12.61	156	144375	48.620	ug/l	99
78) n-propylbenzene	12.67	91	680300	49.418	ug/l	99
79) 2-Chlorotoluene	12.75	91	374592	48.704	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	483775	49.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41422	45.670	ug/l	97
82) 4-Chlorotoluene	12.85	91	391747	48.740	ug/l	99
83) tert-Butylbenzene	13.07	119	416885	48.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	485268	50.141	ug/l	99
85) sec-Butylbenzene	13.25	105	585841	50.379	ug/l	100
86) p-Isopropyltoluene	13.37	119	546398	50.665	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	278580	50.361	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	273748	49.767	ug/l	100
89) n-Butylbenzene	13.69	91	504774	51.244	ug/l	100
90) Hexachloroethane	13.96	117	91017	50.147	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	244461	49.748	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19907	44.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	177391	51.034	ug/l	99
94) Hexachlorobutadiene	15.11	225	112504	50.314	ug/l	99
95) Naphthalene	15.23	128	333227	47.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	158050	50.549	ug/l	99

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

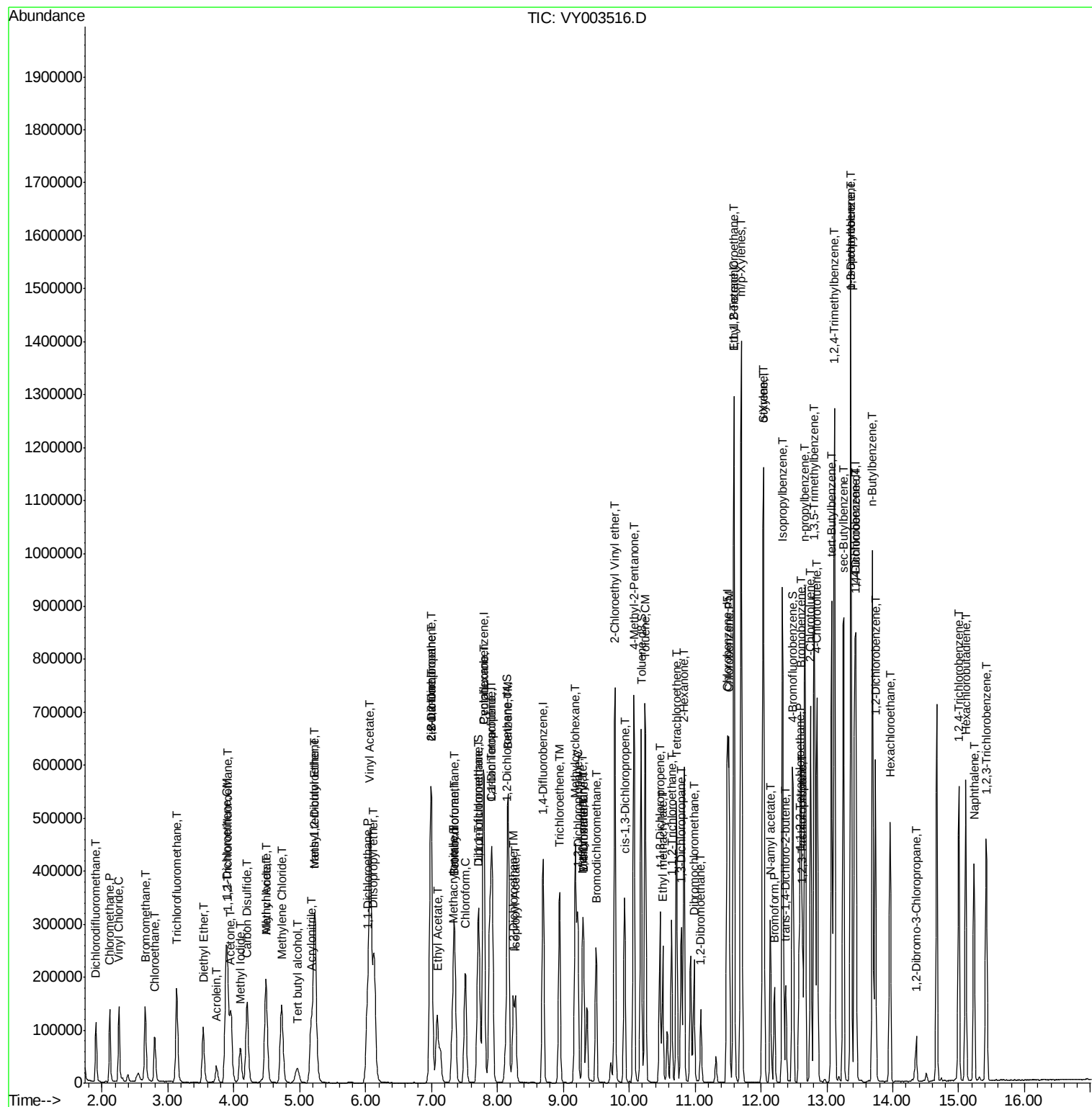
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
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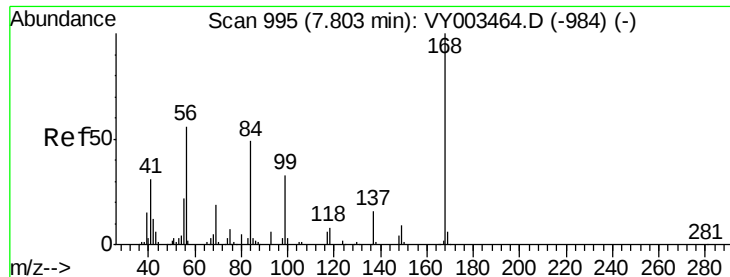
Instrument :
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#1

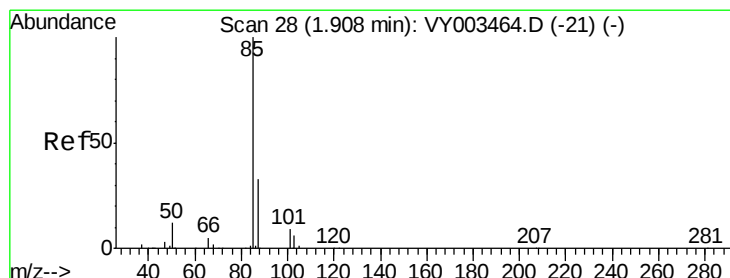
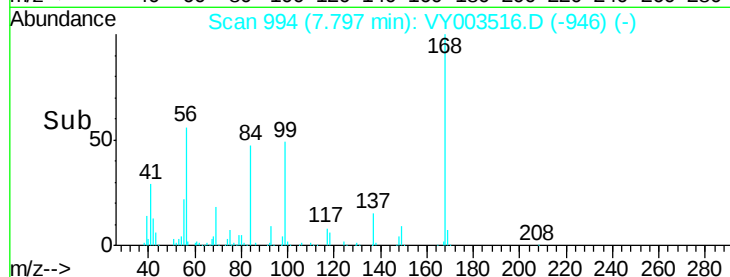
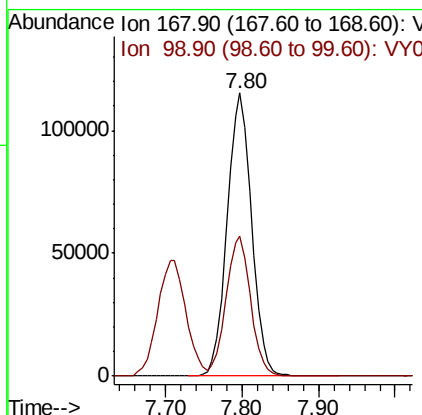
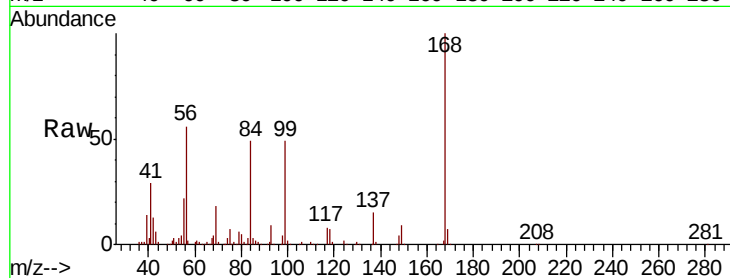
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.7	59.5

Manual Integrations
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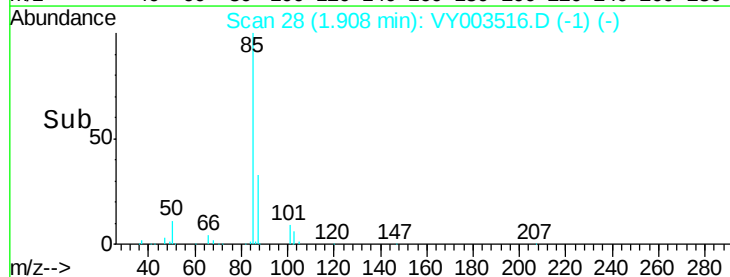
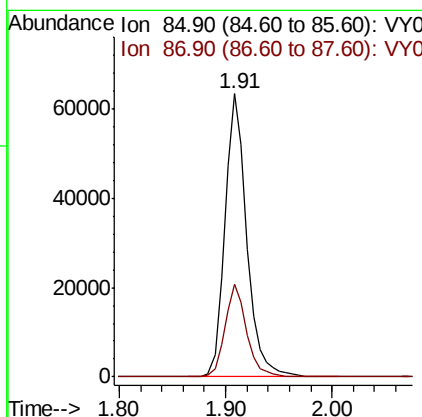
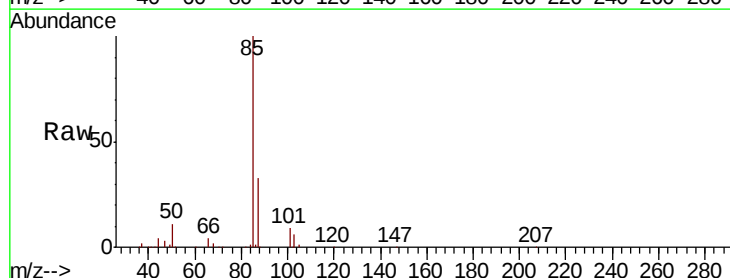
MMDadoda
 11/6/2020 9:27:03 AM

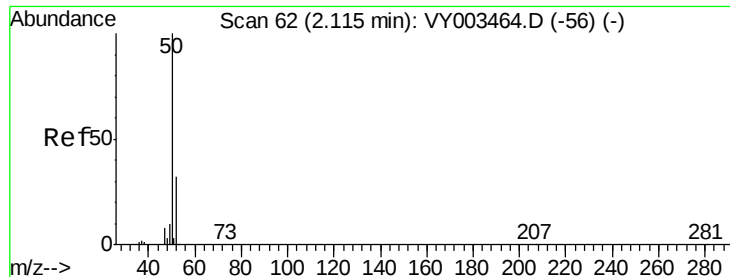


#2

Dichlorodifluoromethane
 Concen: 45.167 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.4	49.4





#3

Chloromethane

Concen: 46.599 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 123487

Ion Ratio Lower Upper

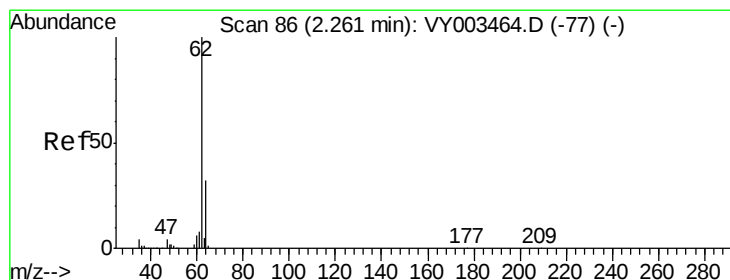
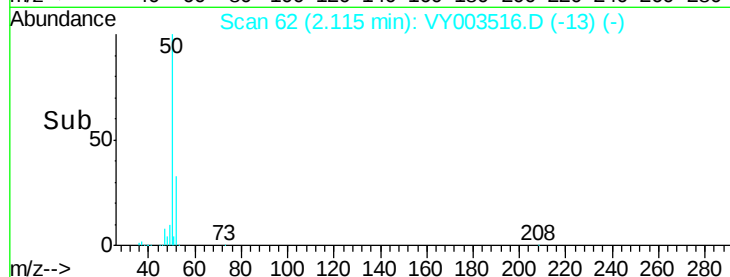
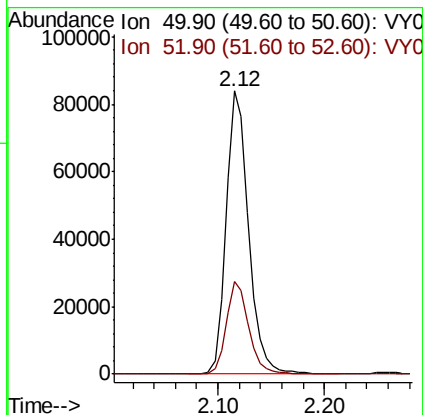
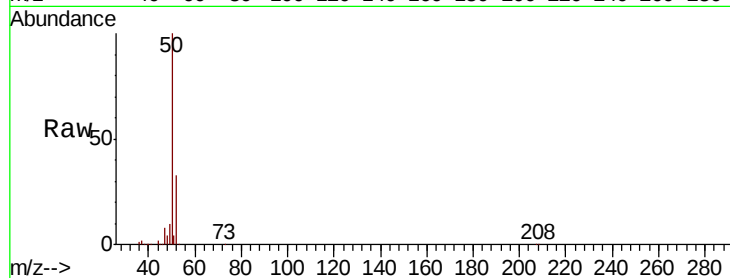
50 100

52 32.6 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.404 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003516.D

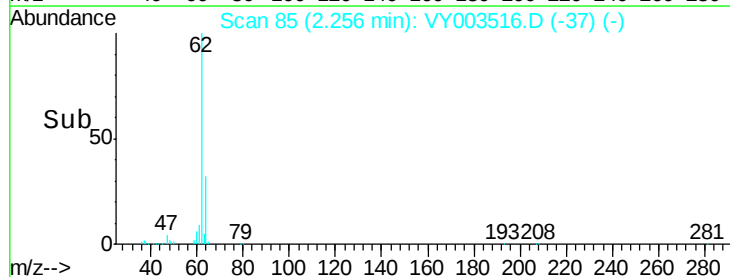
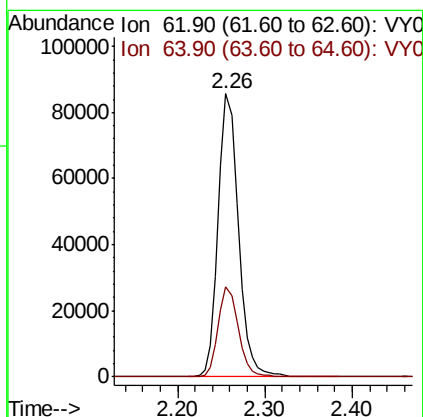
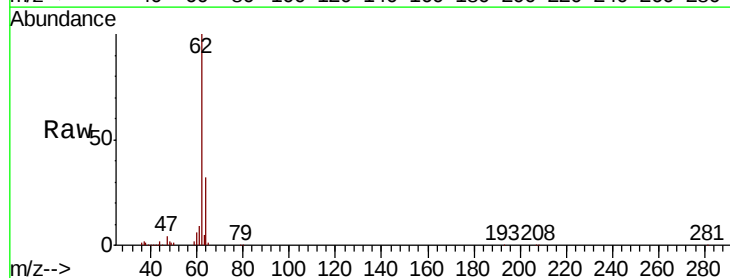
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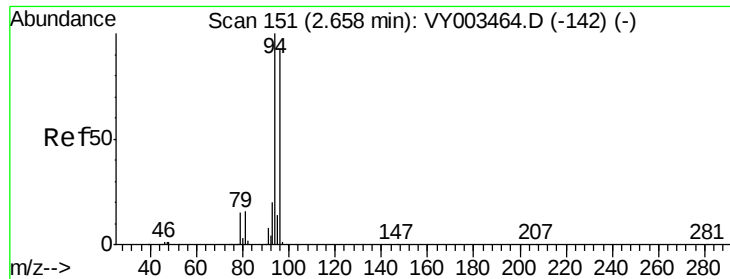
Tgt Ion: 62 Resp: 138036

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 40.870 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 101575

Ion Ratio Lower Upper

94 100

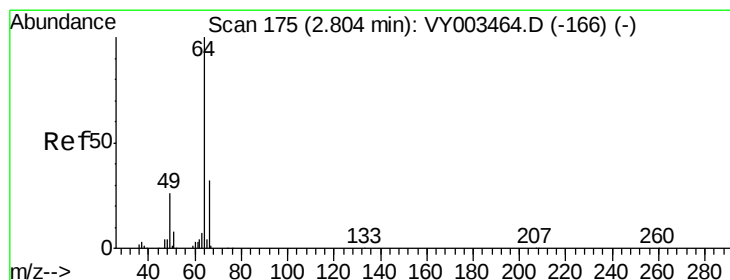
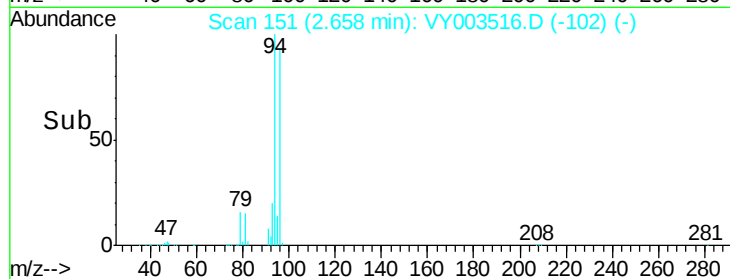
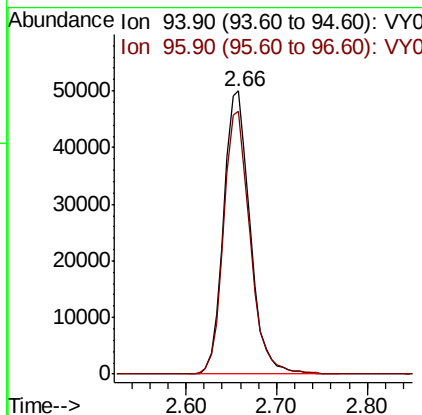
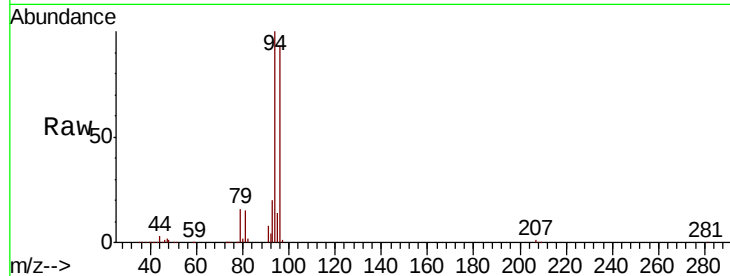
96 92.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 48.536 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003516.D

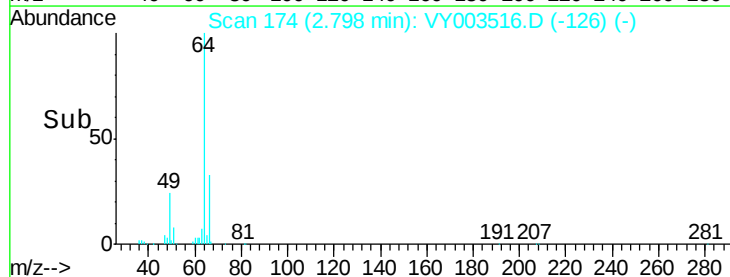
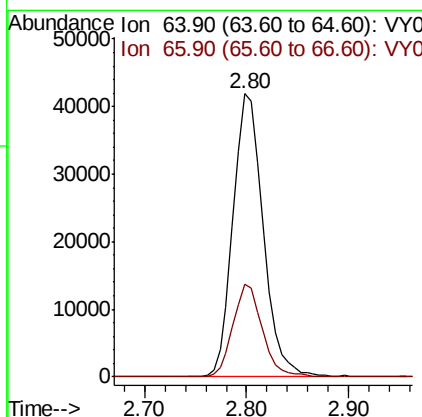
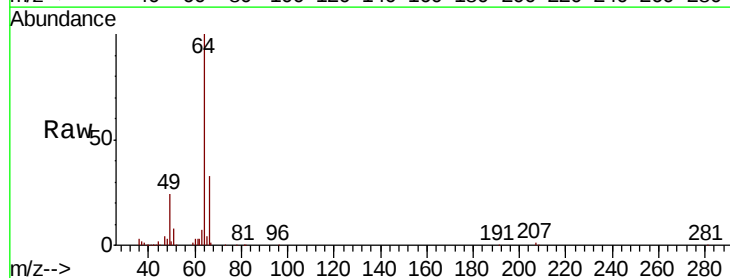
Acq: 05 Nov 2020 10:31

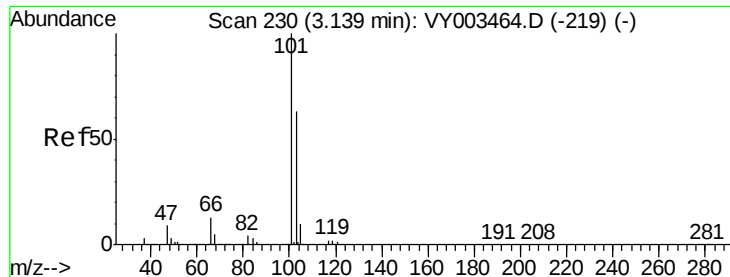
Tgt Ion: 64 Resp: 86053

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

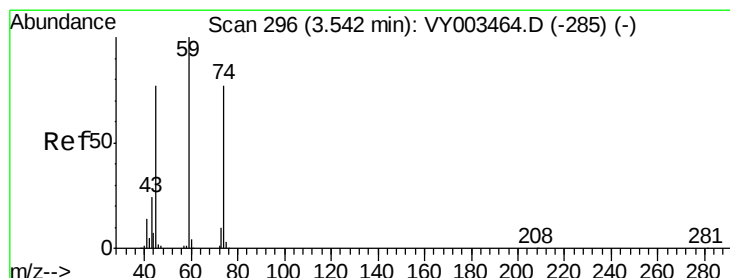
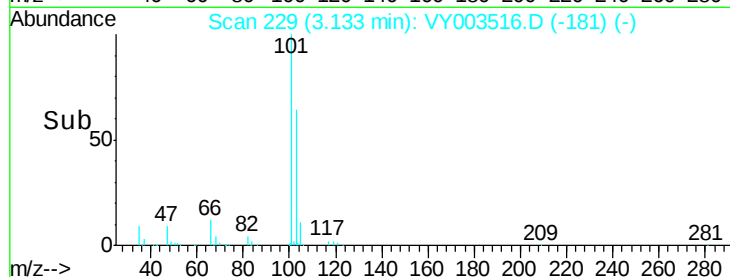
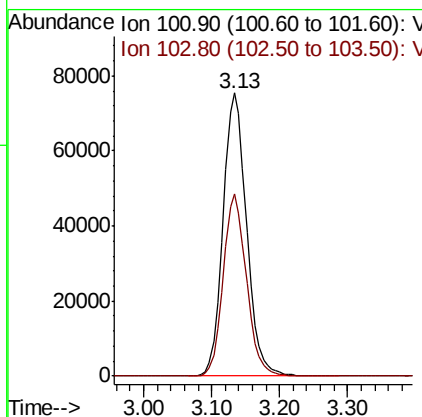
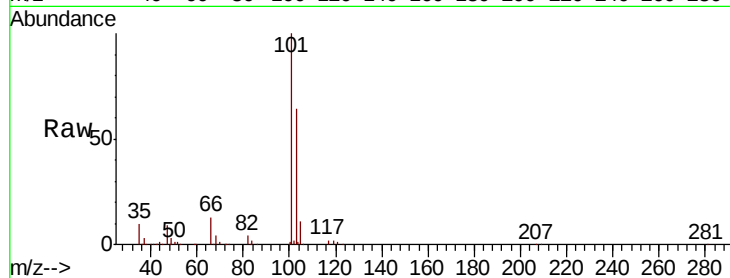
Trichlorofluoromethane
Concen: 47.838 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	180623		
103	64.3	50.7	76.1	

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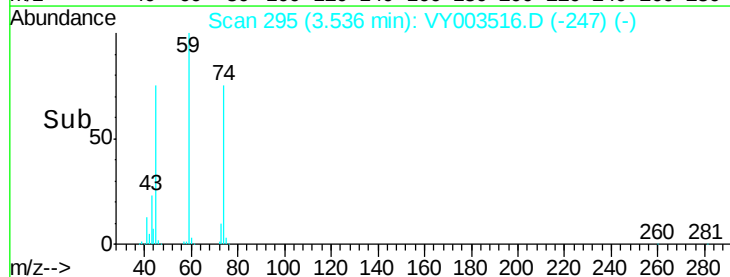
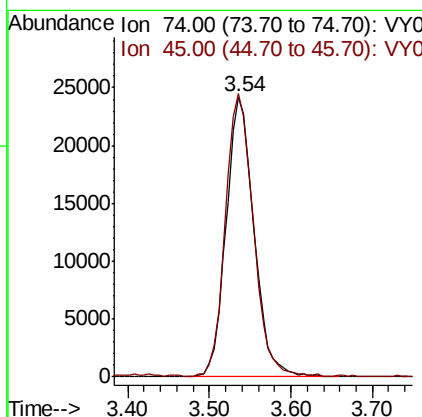
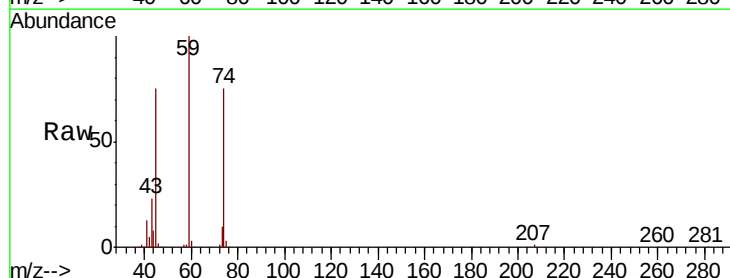
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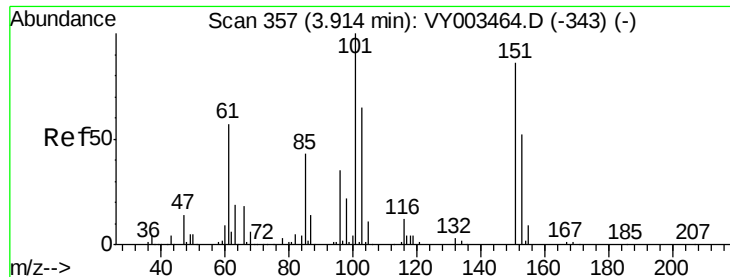


#8

Diethyl Ether
Concen: 49.072 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	56819		
45	101.2	50.7	152.3	





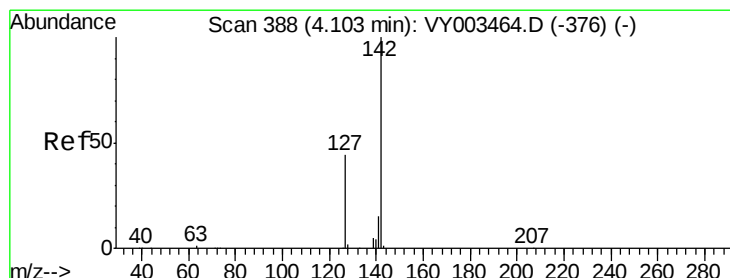
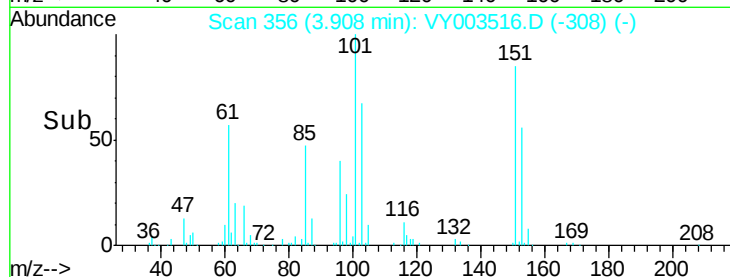
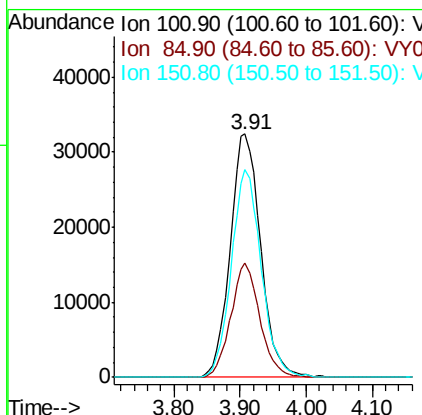
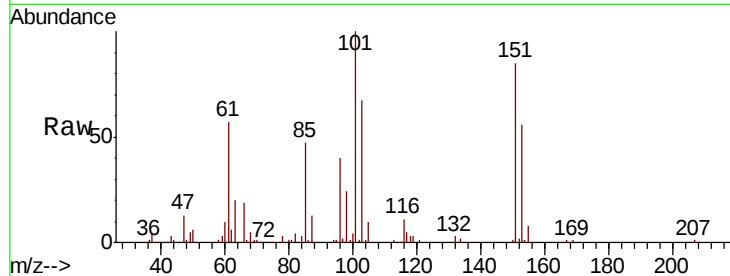
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.640 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	103592		
85	44.8	35.8	53.8	
151	84.1	67.6	101.4	

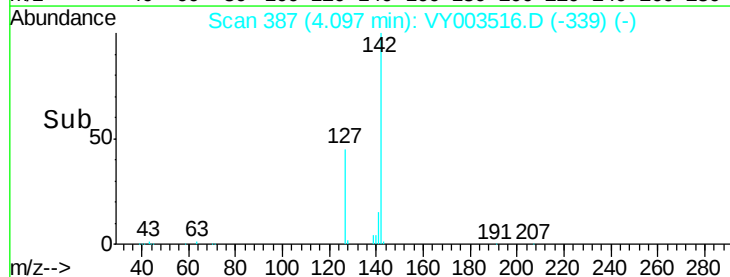
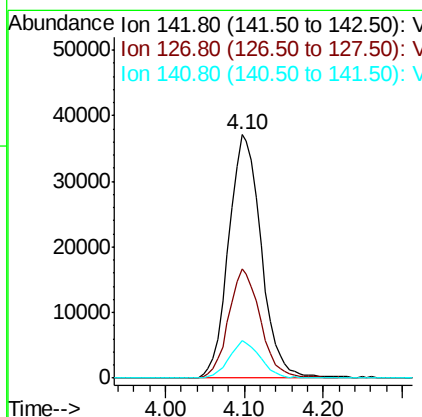
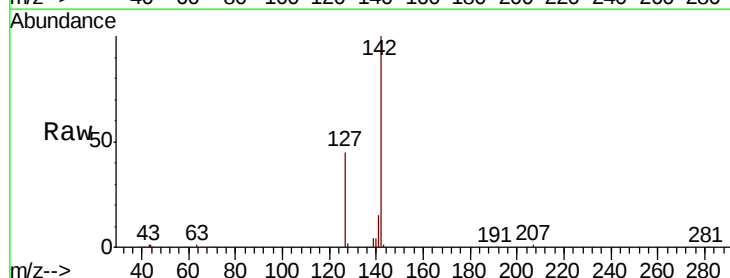
Manual Integrations
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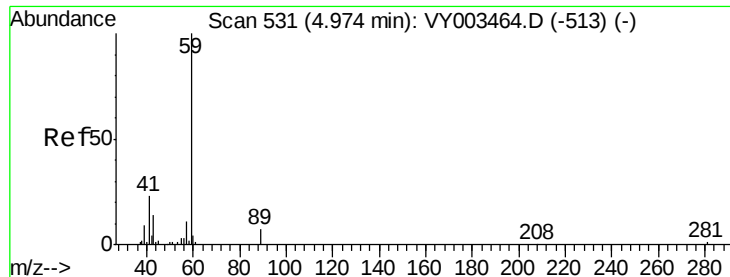
MMDadoda
 11/6/2020 9:27:03 AM



#10
 Methyl Iodide
 Concen: 49.846 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	106735		
127	43.9	34.5	51.7	
141	14.8	11.8	17.8	





#11

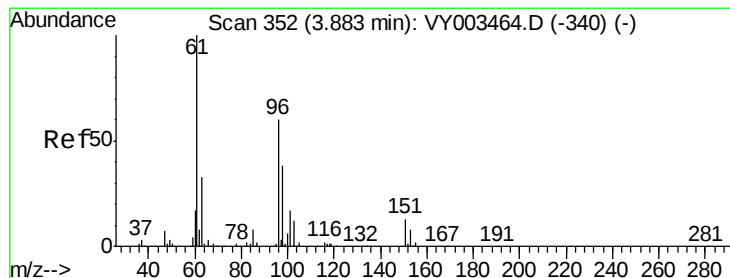
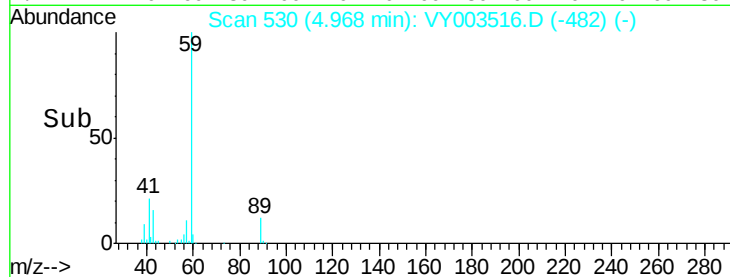
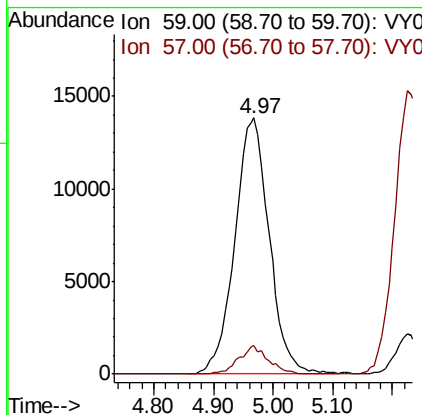
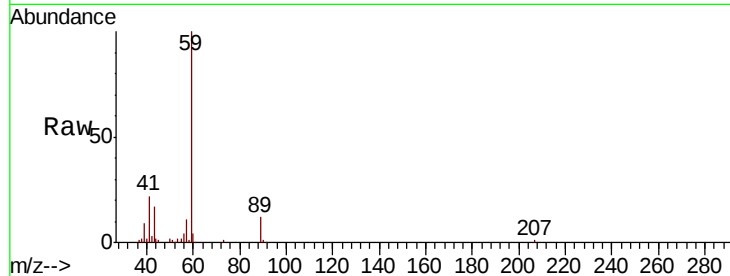
Tert butyl alcohol
Concen: 210.882 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.9	11.9

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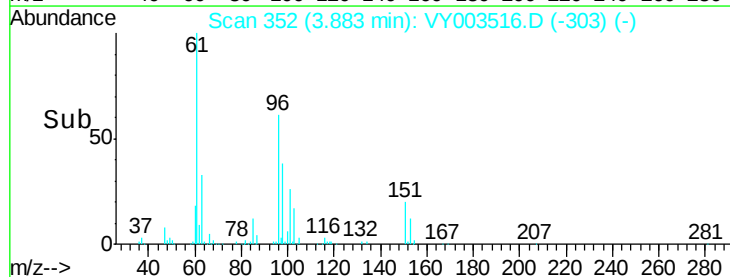
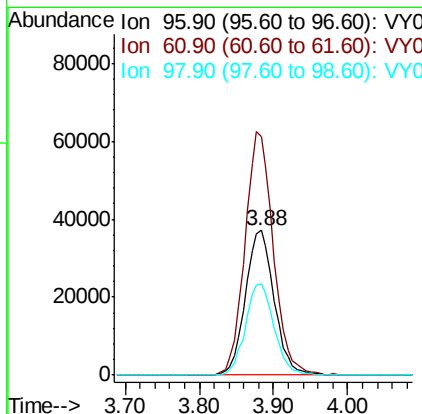
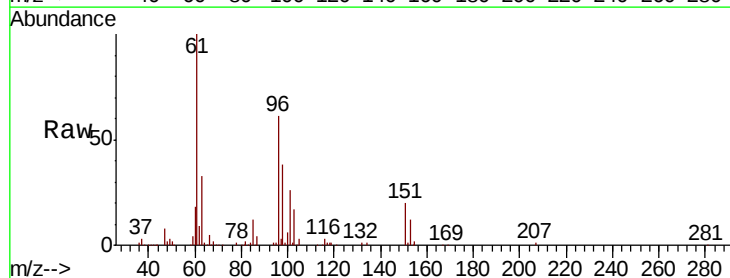
MMDadoda
11/6/2020 9:27:03 AM

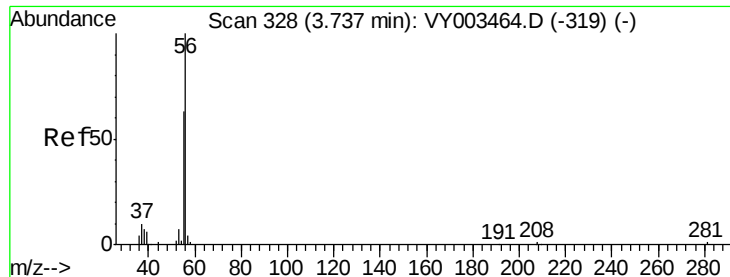


#12

1,1-Dichloroethene
Concen: 48.447 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	133.6	200.4
98	63.2	50.2	75.2





#13

Acrolein

Concen: 173.132 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 37475

Ion Ratio Lower Upper

56 100

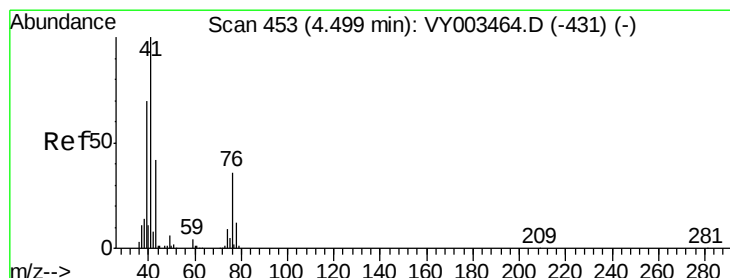
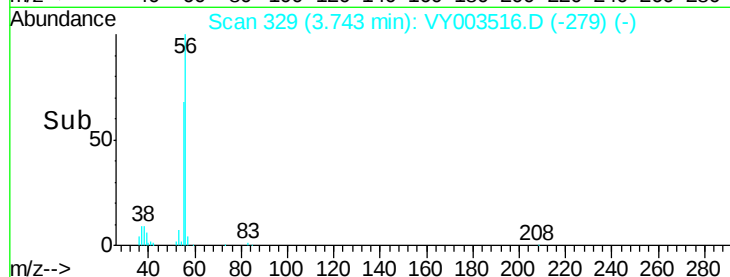
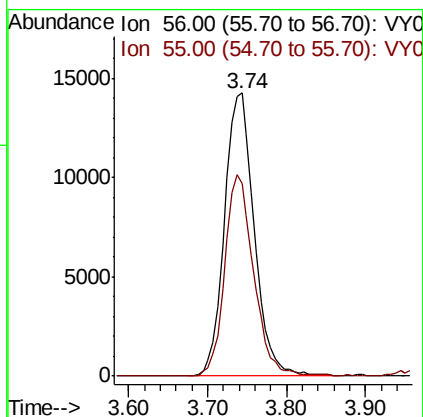
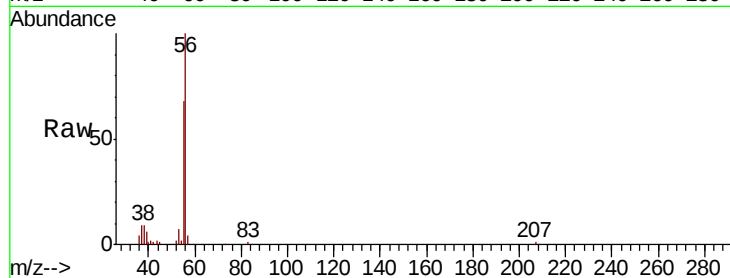
55 69.2 56.6 85.0

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#14

Allyl chloride

Concen: 47.006 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

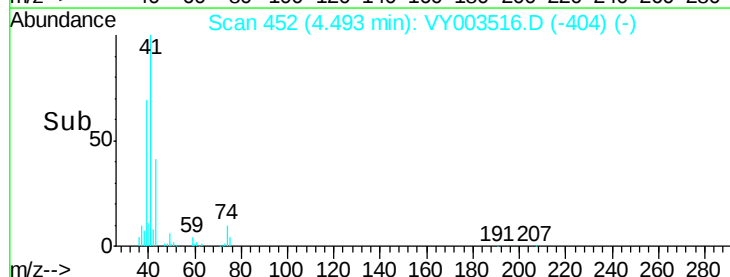
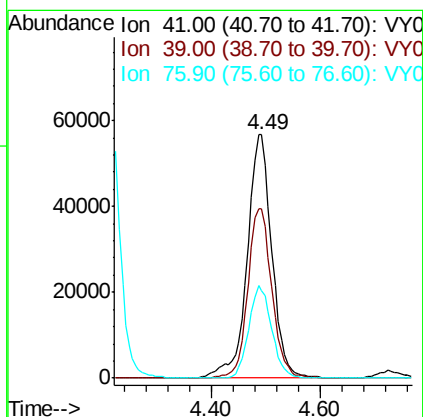
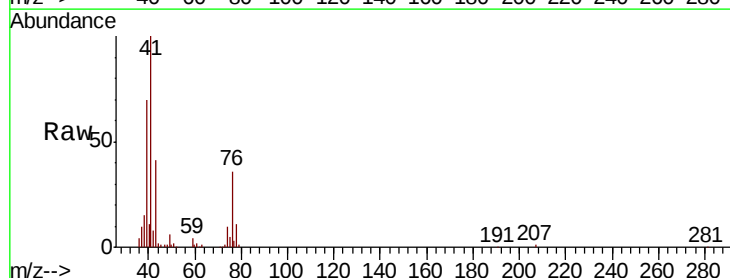
Tgt Ion: 41 Resp: 178064

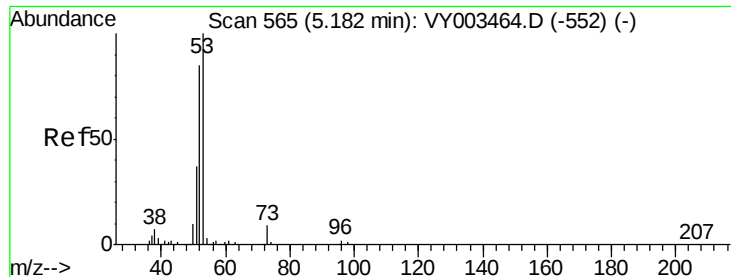
Ion Ratio Lower Upper

41 100

39 68.2 54.4 81.6

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 222.237 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

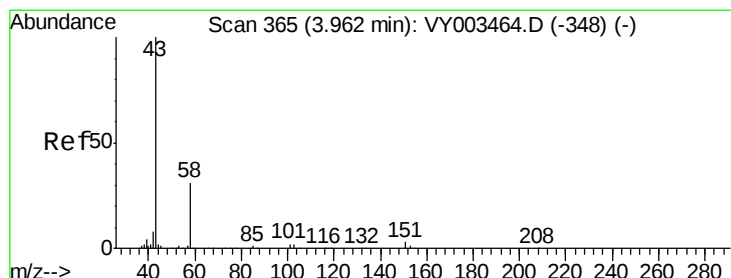
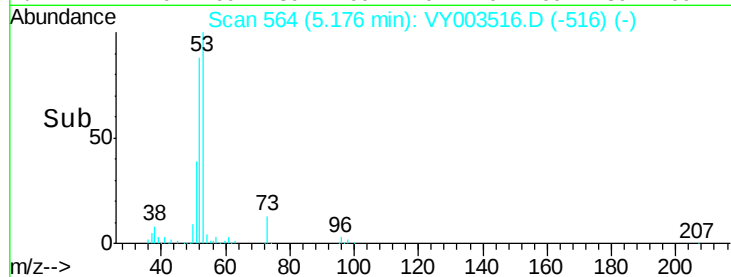
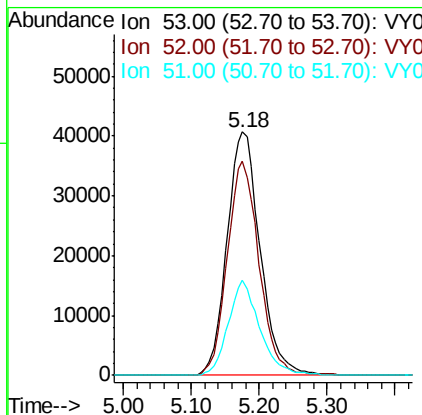
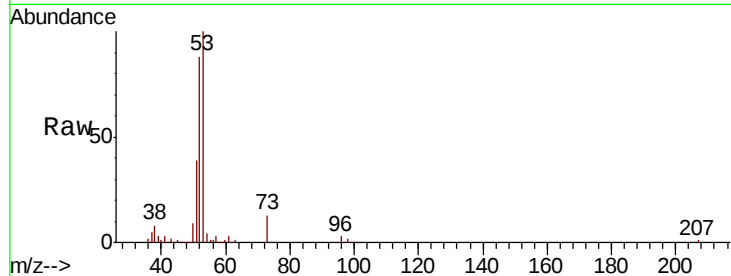
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	137355
Ion Ratio	Lower	Upper	
53	100		
52	84.6	66.9	100.3
51	37.4	29.3	43.9

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#16

Acetone

Concen: 242.678 ug/l

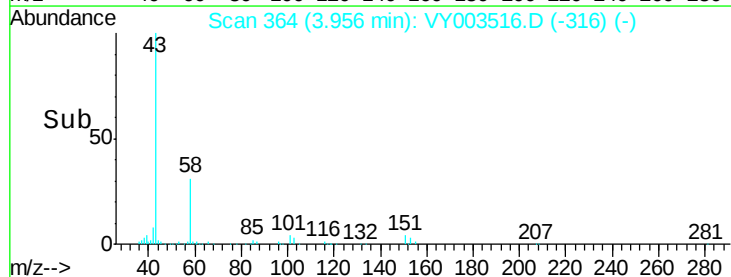
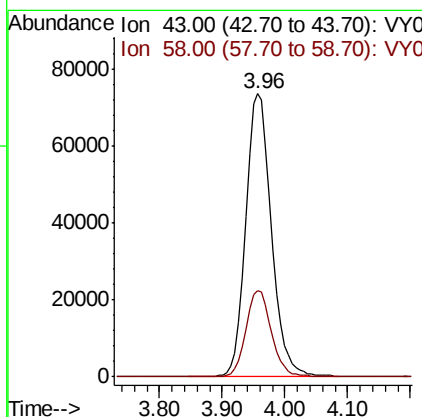
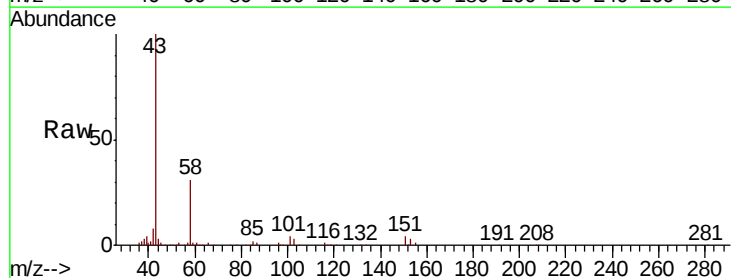
RT: 3.96 min Scan# 364

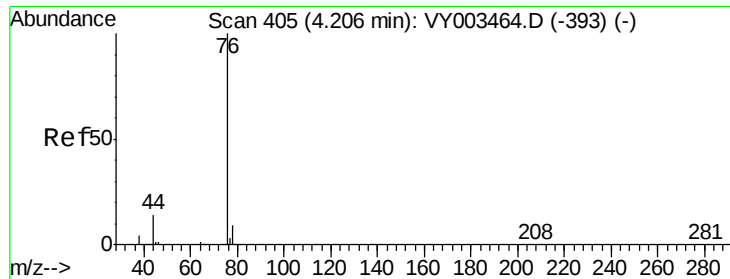
Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion:	43	Resp:	208802
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.0	37.4





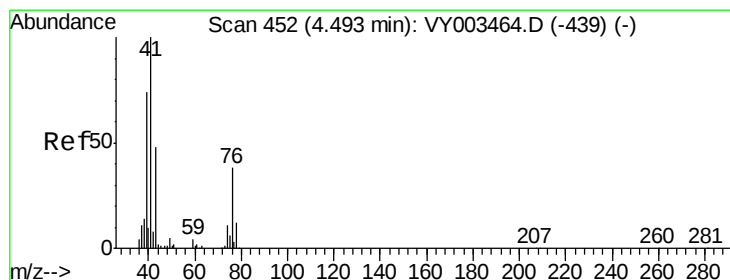
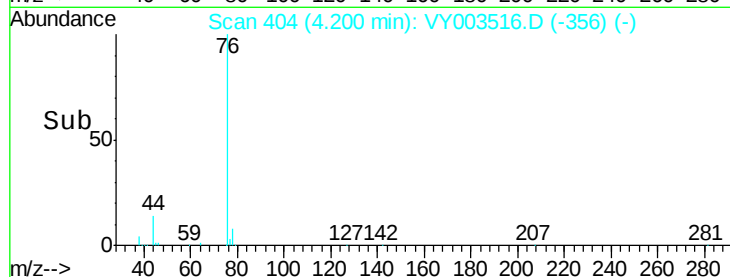
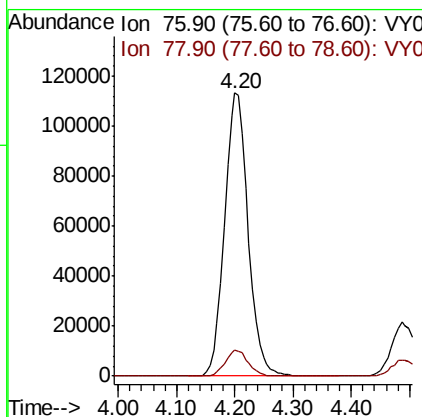
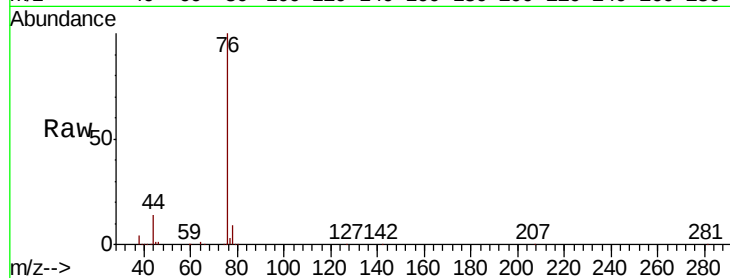
#17
Carbon Disulfide
Concen: 46.997 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

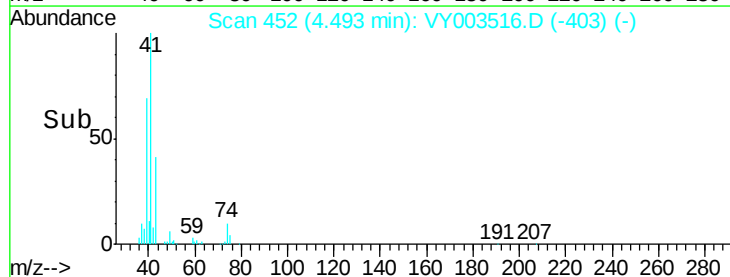
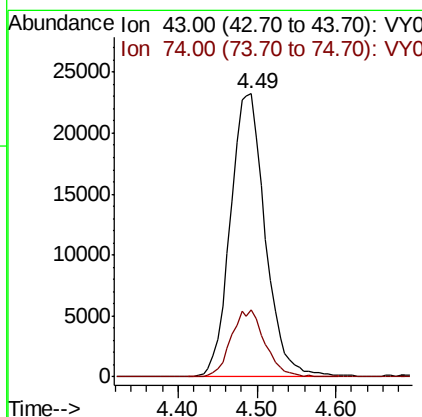
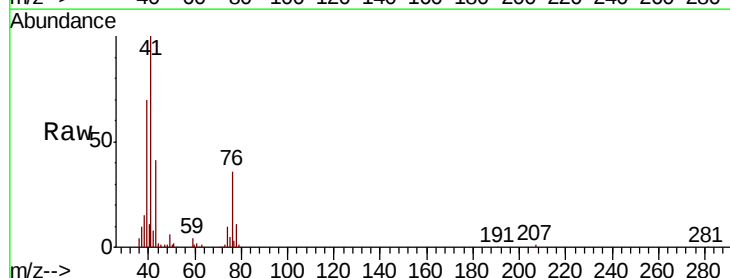
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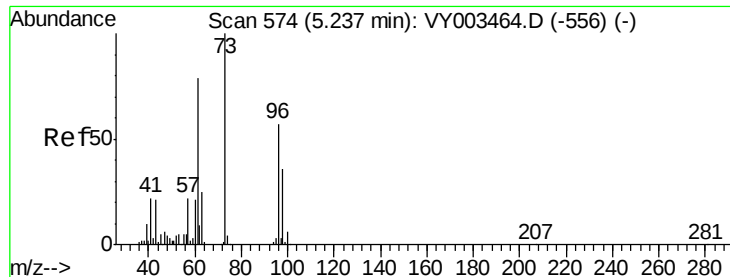
MMDadoda
11/6/2020 9:27:03 AM



#18
Methyl Acetate
Concen: 43.954 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6





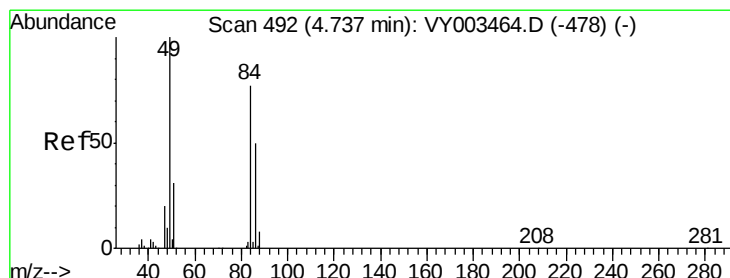
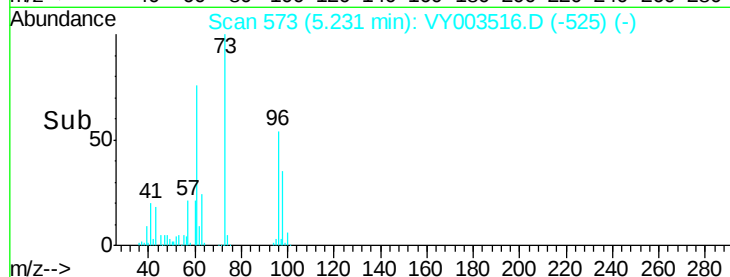
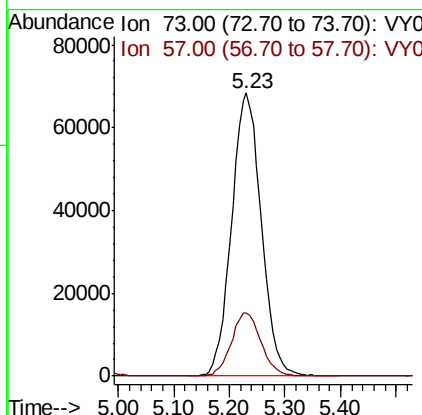
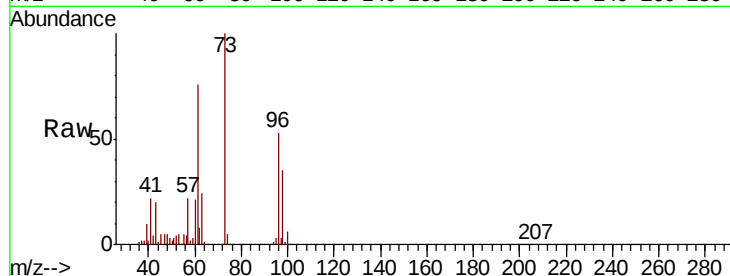
#19
Methvl tert-butvl Ether
Concen: 49.074 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.2	25.8

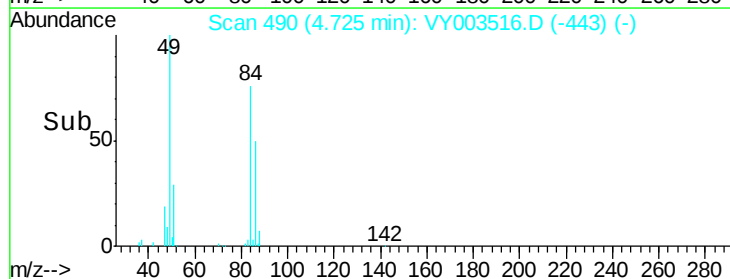
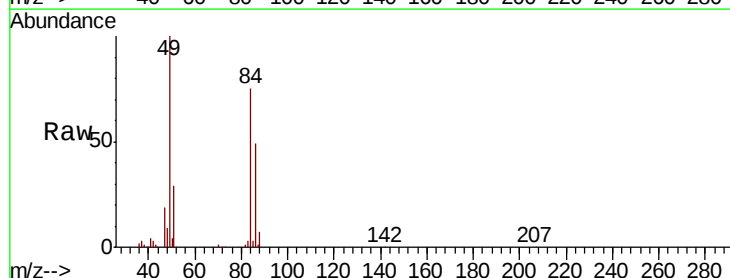
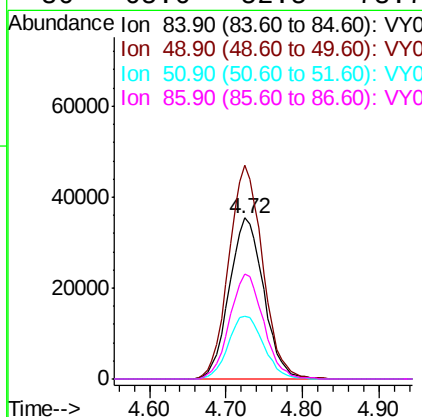
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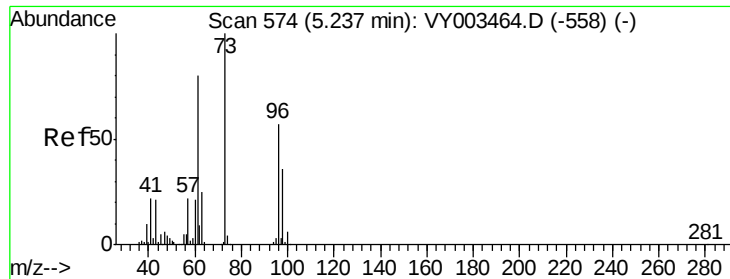
MMDadoda
11/6/2020 9:27:03 AM



#20
Methylene Chloride
Concen: 45.528 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.6	104.3	156.5
51	38.9	32.5	48.7
86	65.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 48.101 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

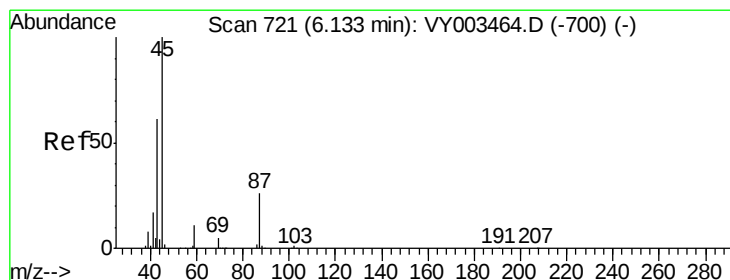
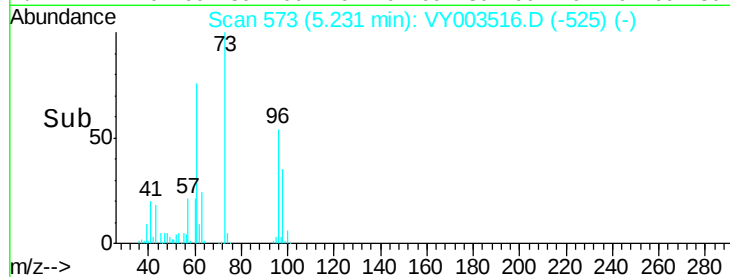
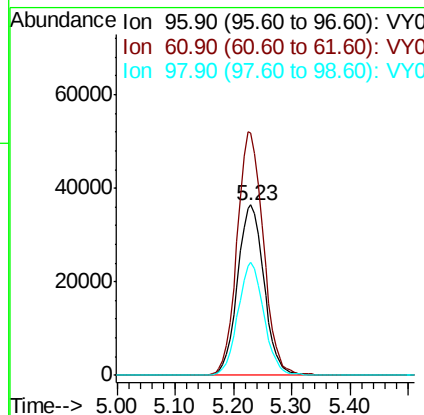
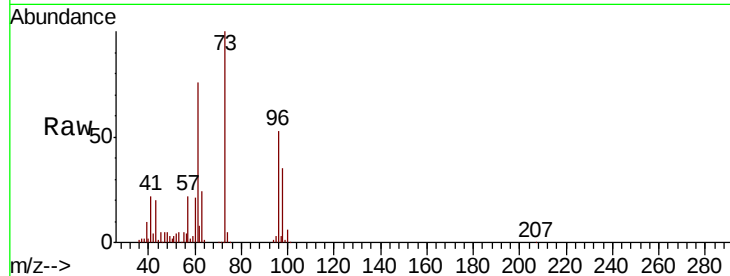
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	115646
Ion	Ratio	Lower	Upper
96	100		
61	142.3	111.3	166.9
98	66.2	50.3	75.5

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#22

Diisopropyl ether

Concen: 49.721 ug/l

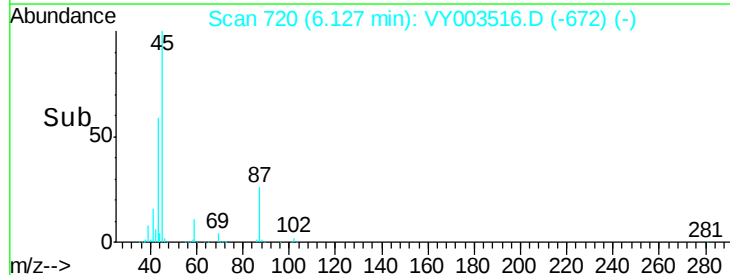
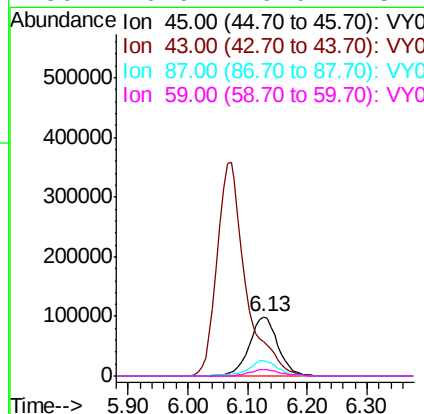
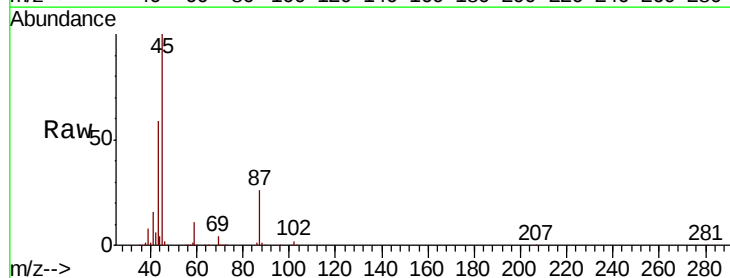
RT: 6.13 min Scan# 720

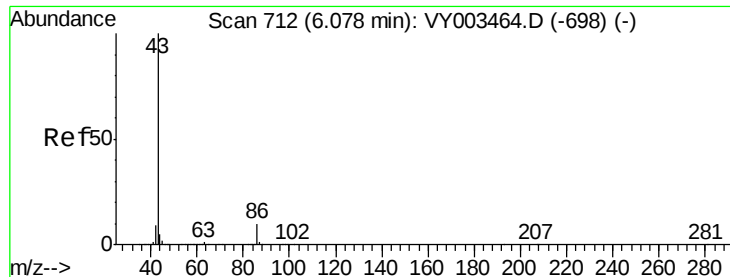
Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion:	45	Resp:	330353
Ion	Ratio	Lower	Upper
45	100		
43	58.9	48.8	73.2
87	25.8	20.6	31.0
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 238.772 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1192151

Ion Ratio Lower Upper

43 100

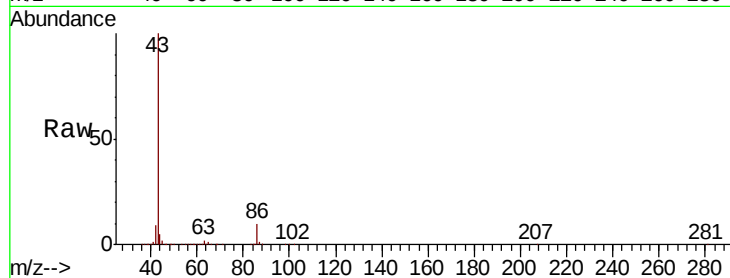
86 10.4 8.2 12.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

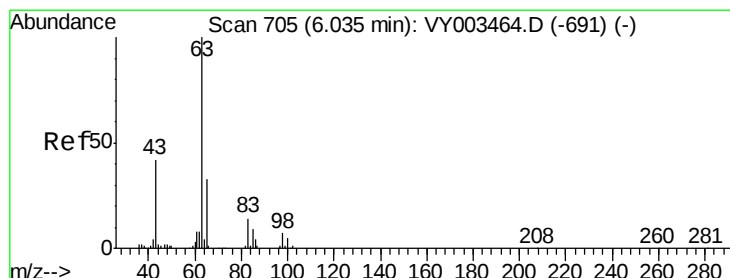
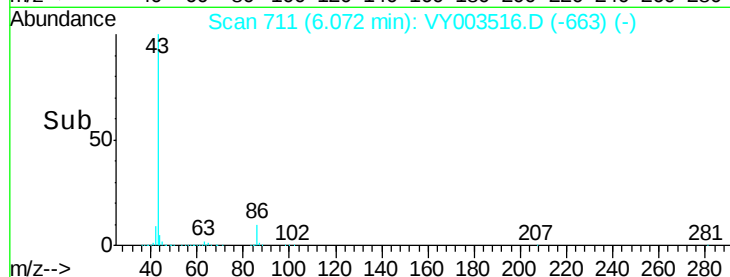
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.605 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

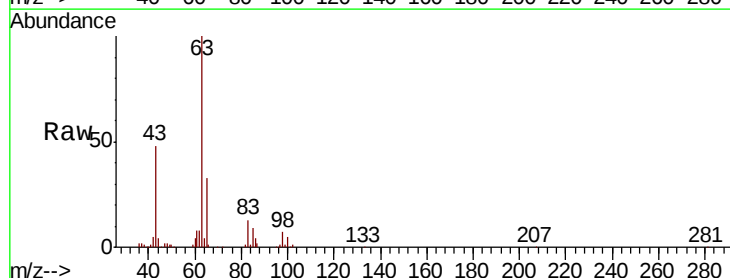
Tgt Ion: 63 Resp: 205217

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.6 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

6.03

80000

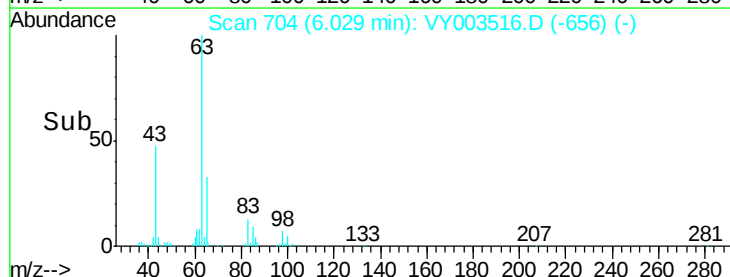
60000

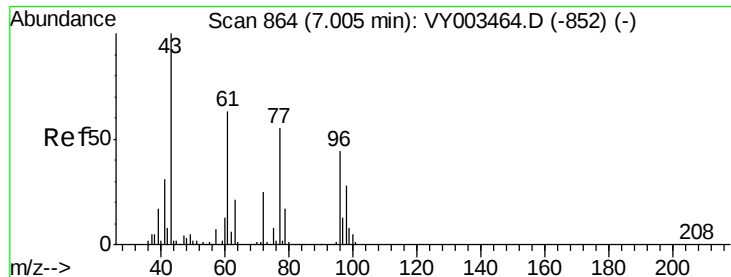
40000

20000

0

Time-->





#25

2-Butanone

Concen: 230.009 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 247517

Ion Ratio Lower Upper

43 100

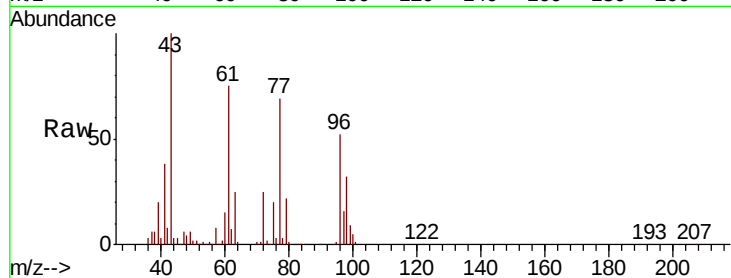
72 25.1 20.1 30.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

100000

80000

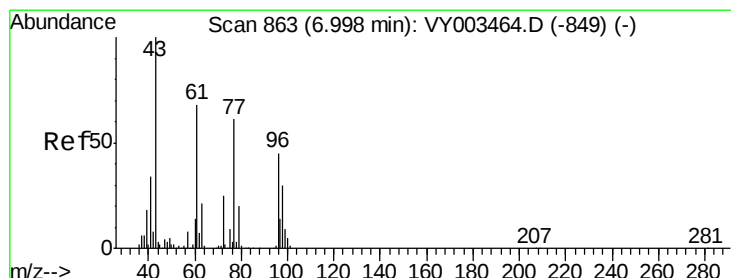
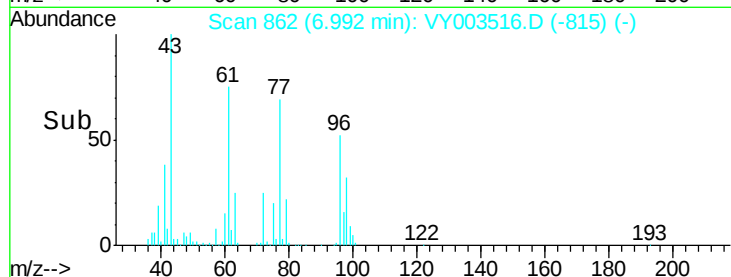
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.366 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003516.D

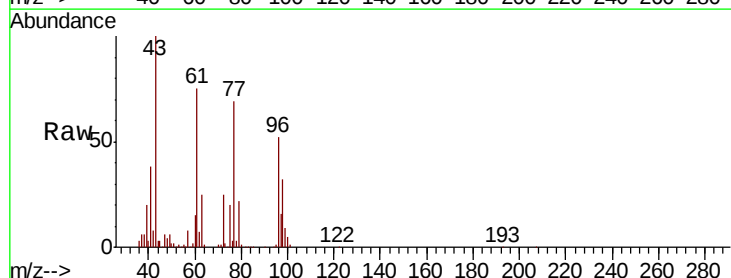
Acq: 05 Nov 2020 10:31

Tgt Ion: 77 Resp: 190242

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

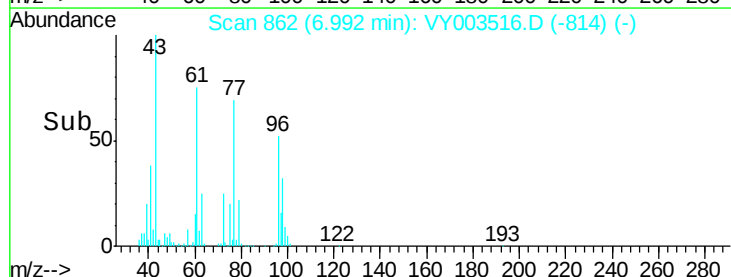
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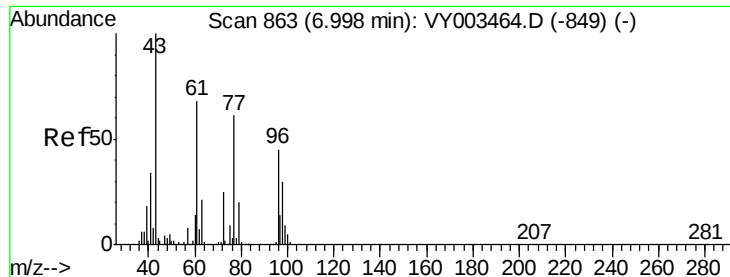
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20000

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Time-->





#27

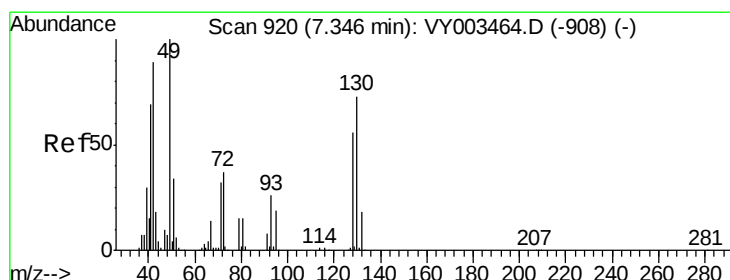
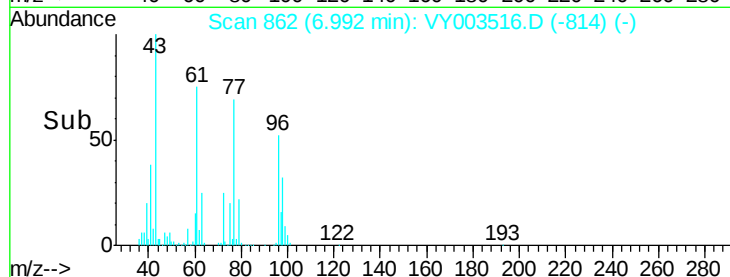
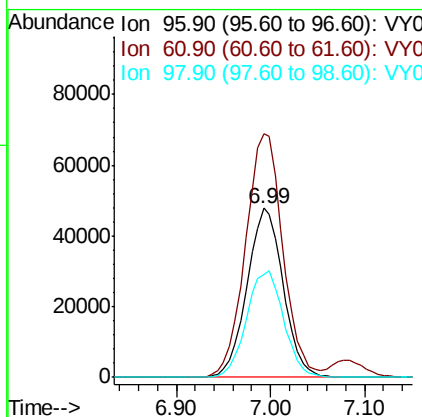
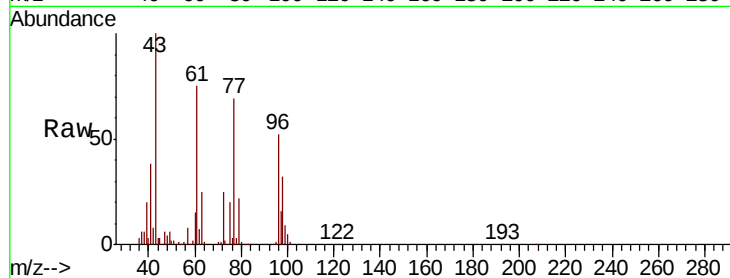
cis-1,2-Dichloroethene
Concen: 49.079 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.2	0.0	299.2	
98	64.7	0.0	128.6	

Manual Integrations
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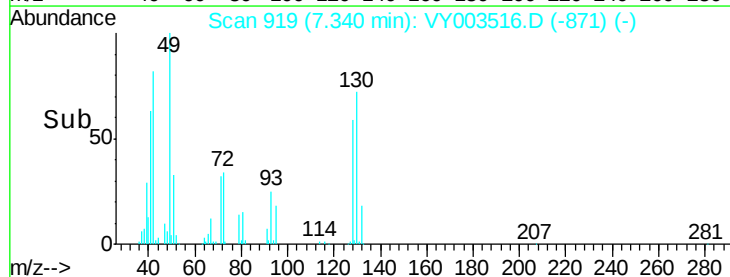
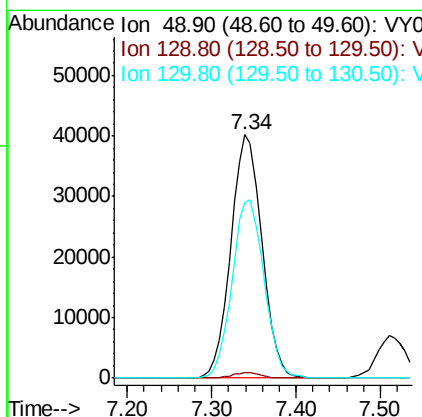
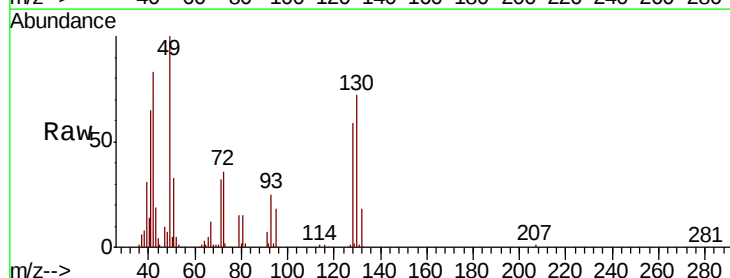
MMDadoda
11/6/2020 9:27:03 AM

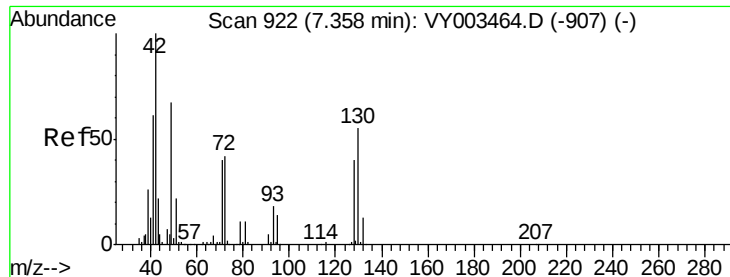


#28

Bromochloromethane
Concen: 47.209 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.2	
130	75.1	60.0	90.0	





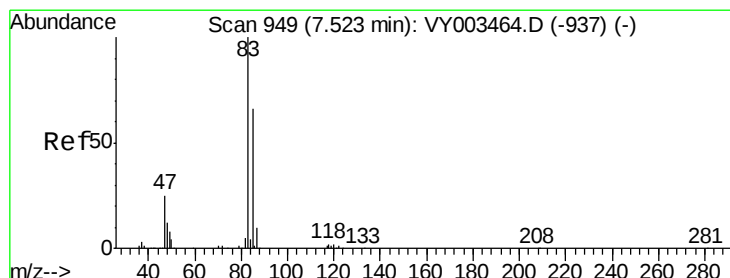
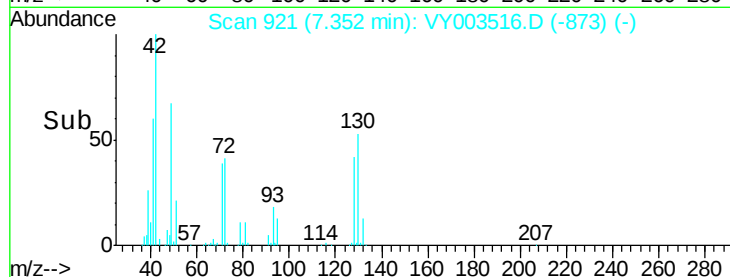
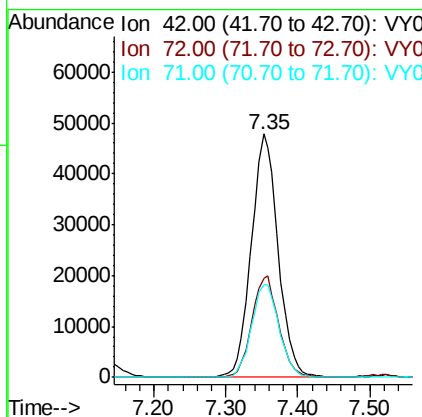
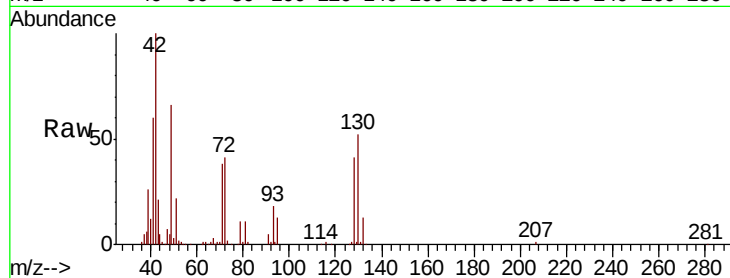
#29
Tetrahydrofuran
Concen: 220.214 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.8	49.2
71	39.2	30.7	46.1

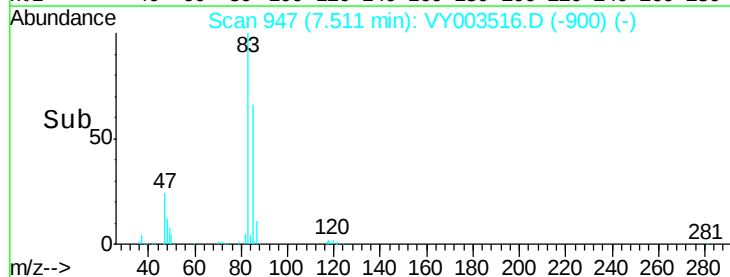
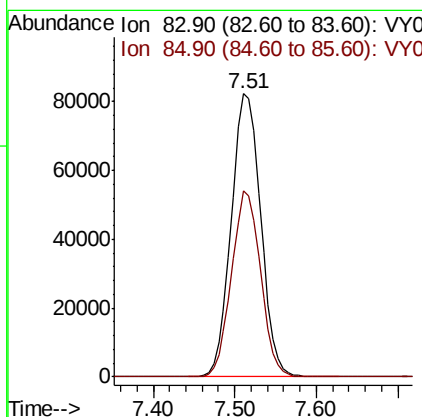
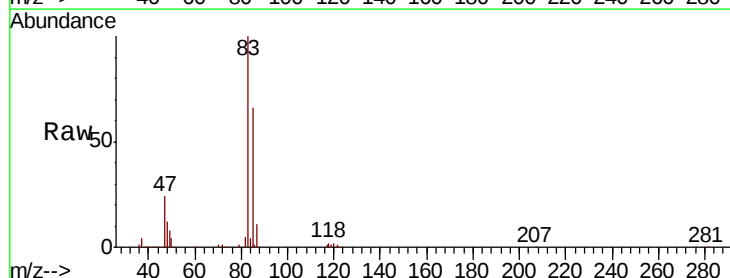
Manual Integrations
APPROVED

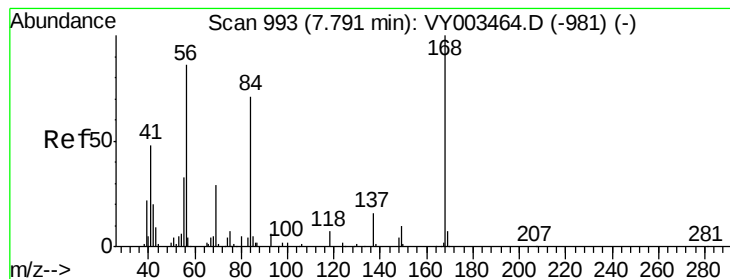
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11/6/2020 9:27:03 AM



#30
Chloroform
Concen: 49.543 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.6	79.0





#31

Cyclohexane

Concen: 45.875 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

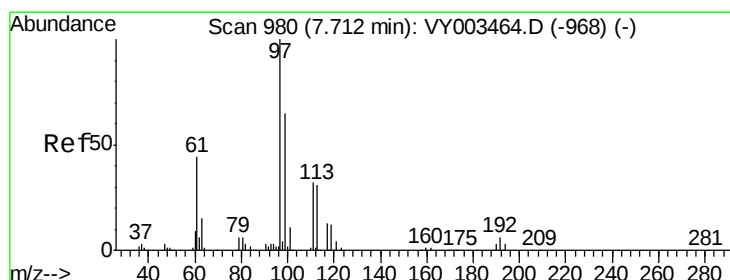
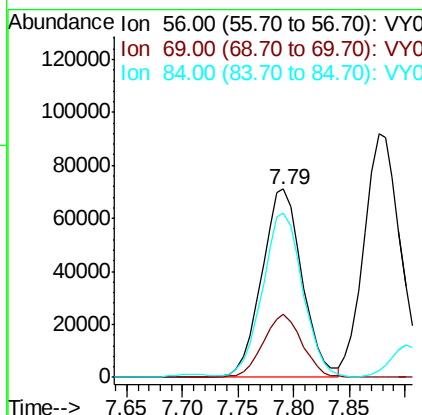
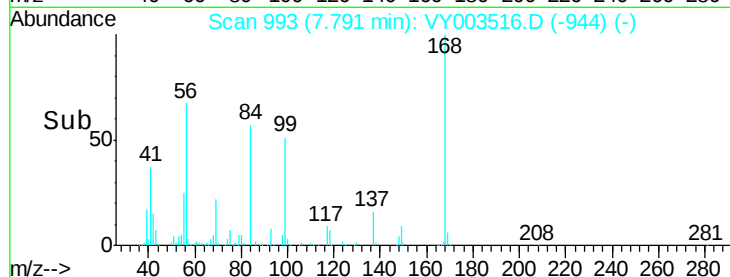
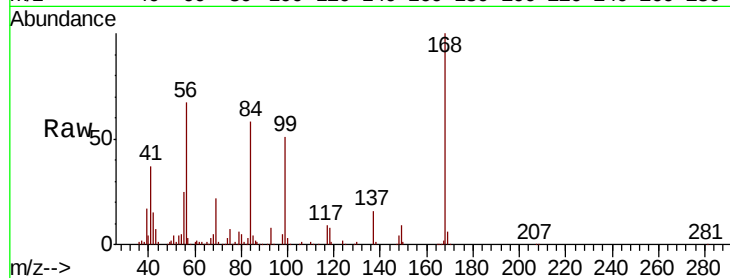
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.3	26.6	39.8	
84	85.6	65.9	98.9	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.966 ug/l

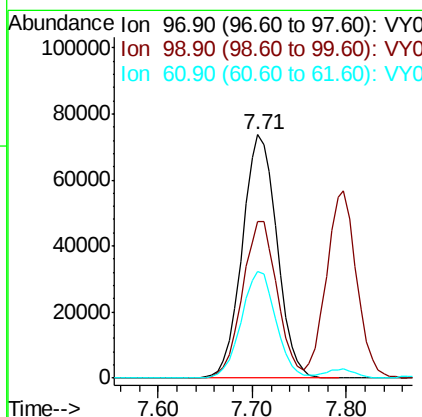
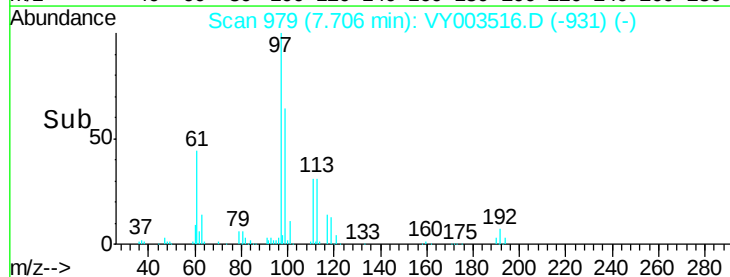
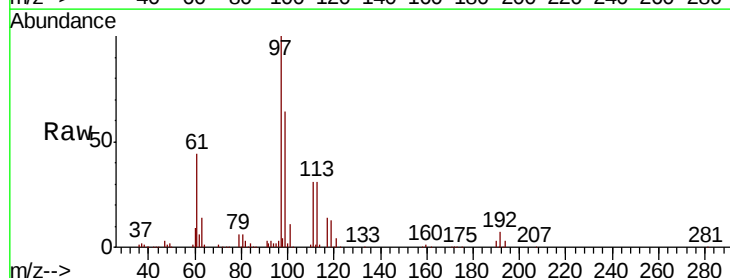
RT: 7.71 min Scan# 979

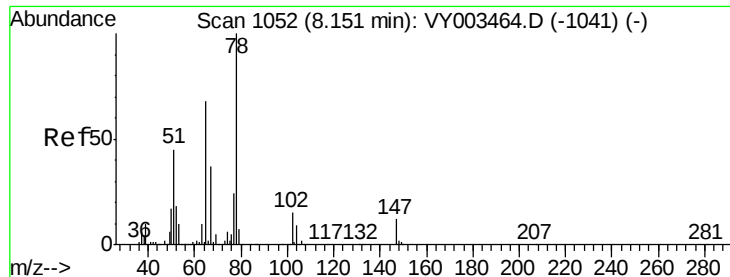
Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.4	51.6	77.4	
61	43.4	35.1	52.7	





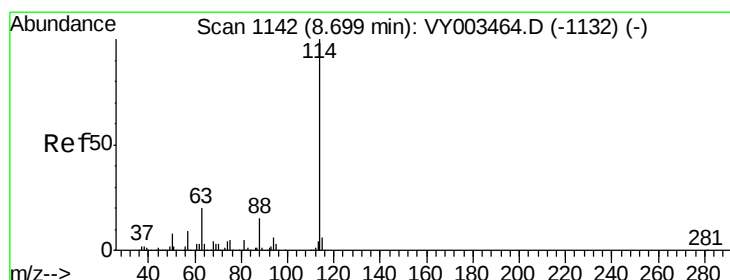
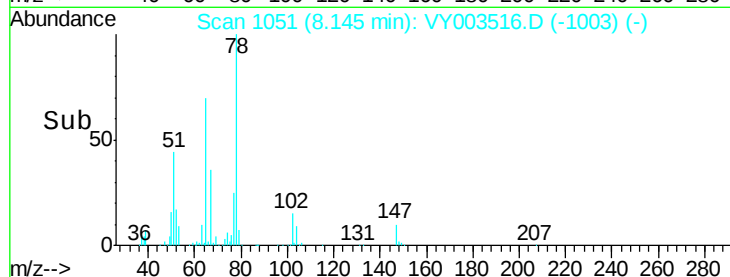
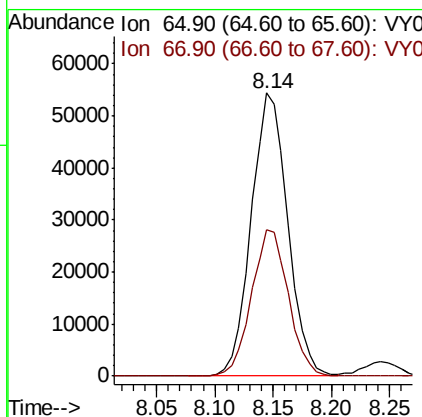
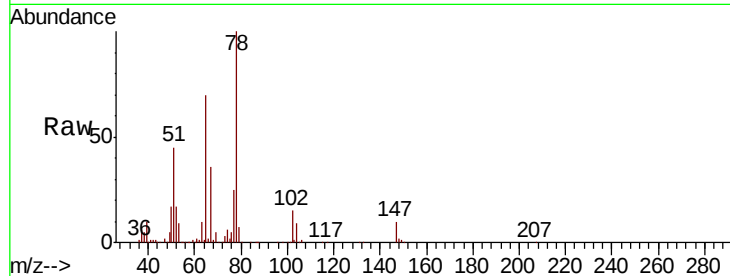
#33
 1,2-Dichloroethane-d4
 Concen: 45.658 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119087		
67	52.1	0.0	106.0	

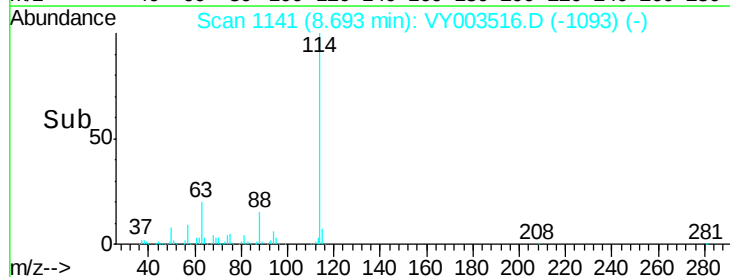
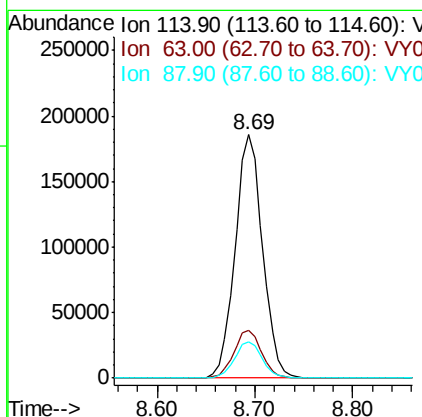
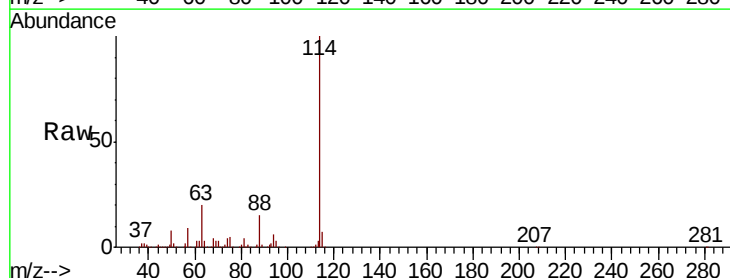
Manual Integrations
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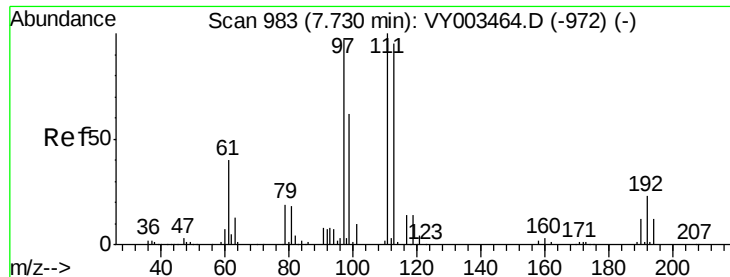
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 11/6/2020 9:27:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359762		
63	19.6	0.0	40.6	
88	15.0	0.0	29.4	





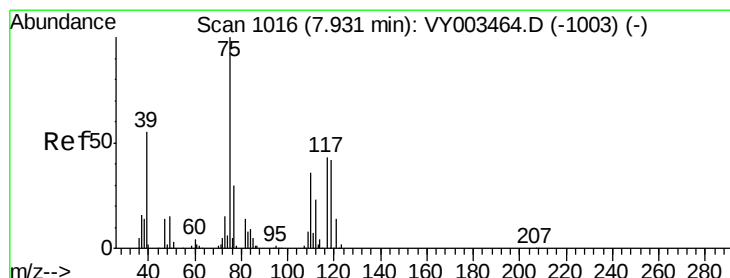
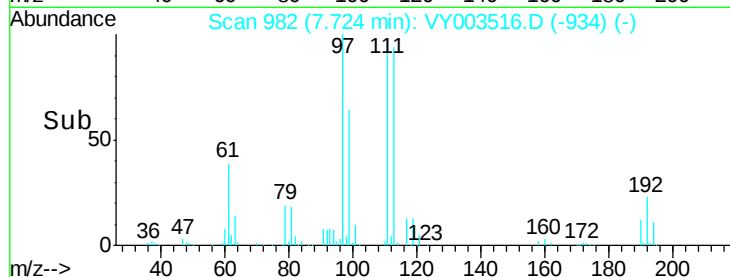
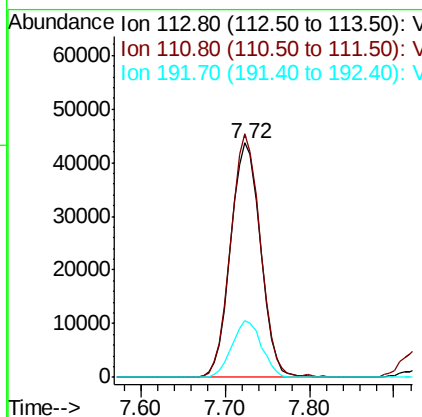
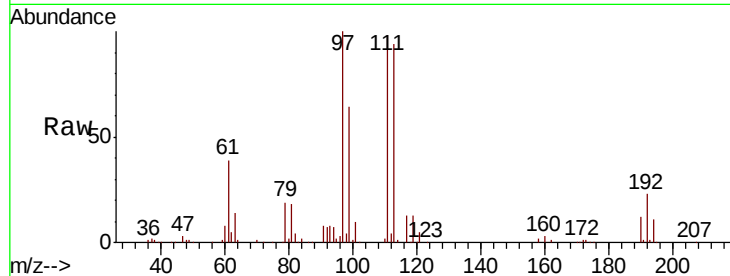
#35
Dibromofluoromethane
Concen: 48.045 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105183		
111	102.7	81.8	122.6	
192	24.0	18.8	28.2	

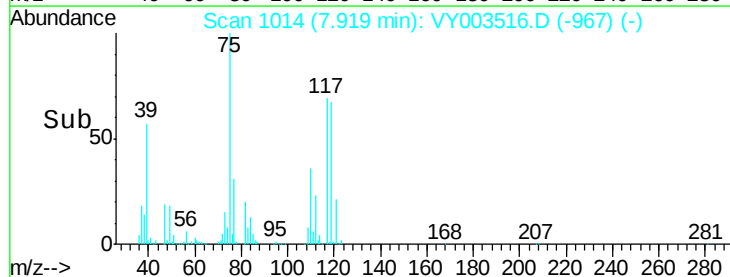
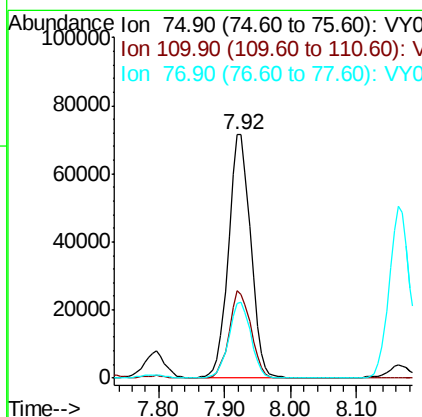
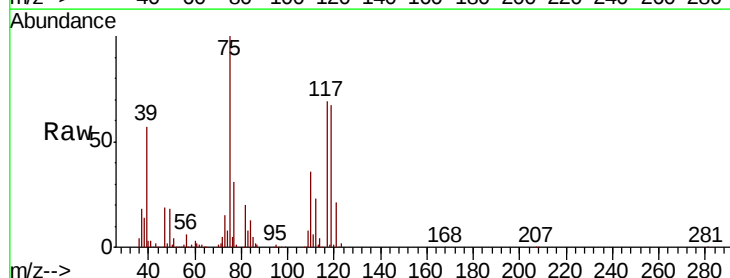
Manual Integrations
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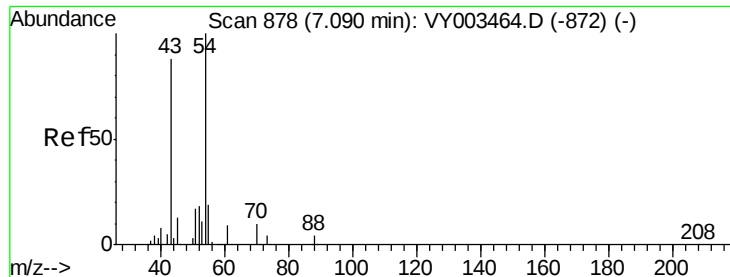
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#36
1,1-Dichloropropene
Concen: 49.399 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167560		
110	34.8	17.6	52.9	
77	30.9	24.7	37.1	





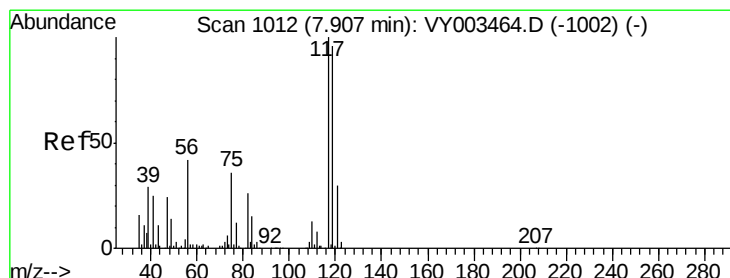
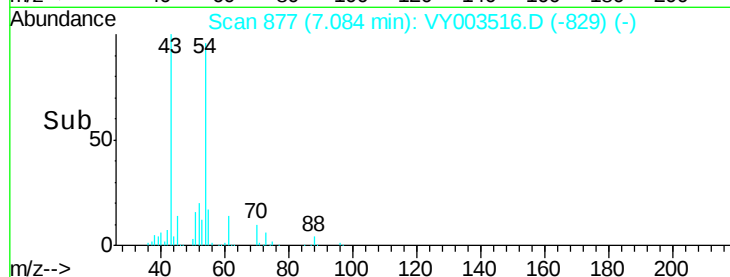
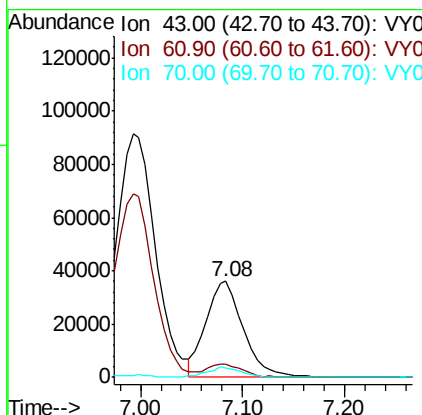
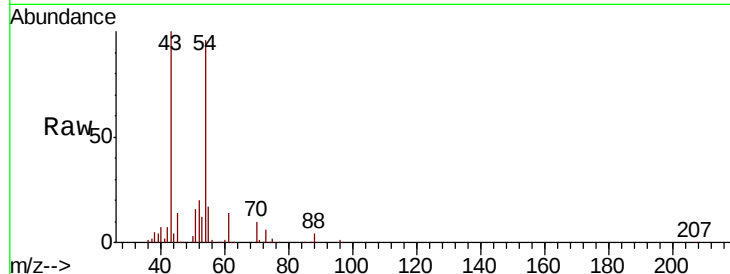
#37
Ethyl Acetate
Concen: 43.731 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.3	7.9	11.9

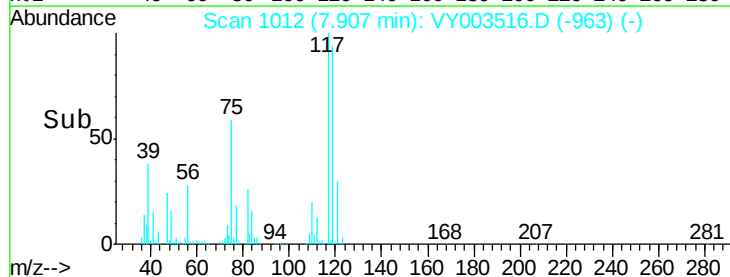
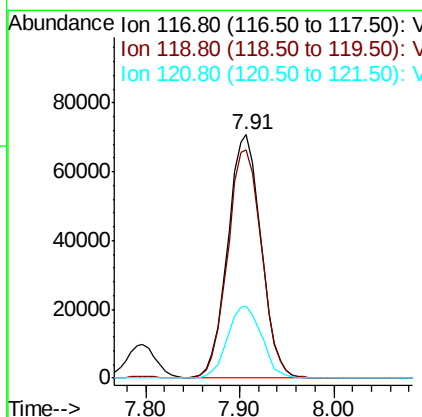
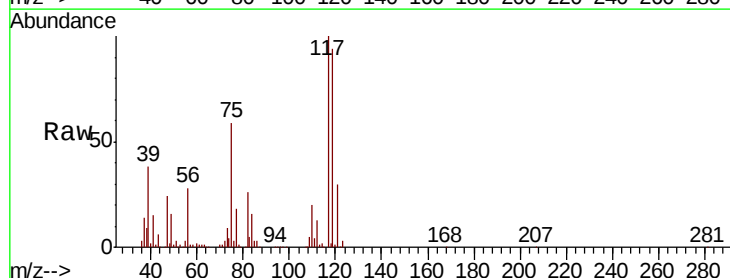
Manual Integrations
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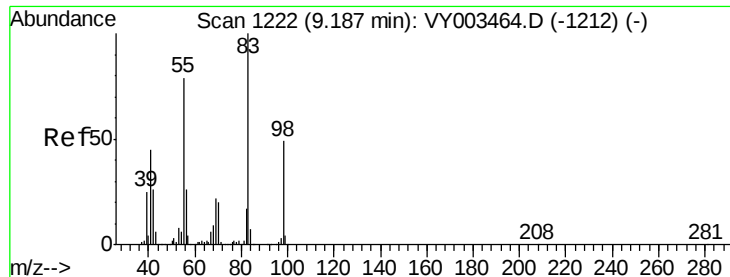
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#38
Carbon Tetrachloride
Concen: 49.575 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.2	114.4
121	29.6	24.2	36.4





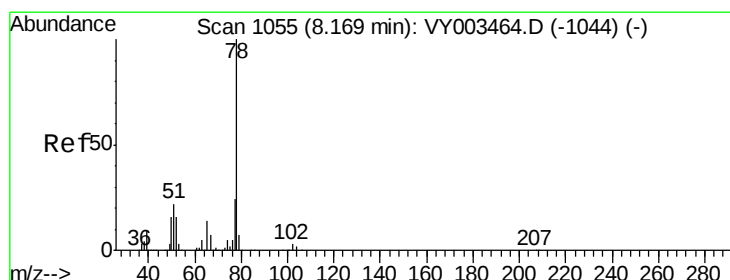
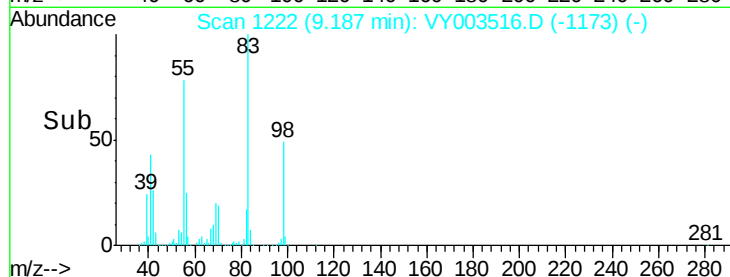
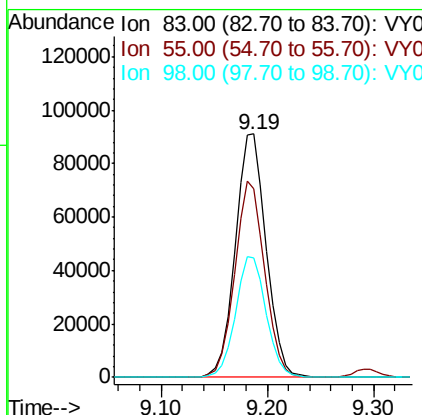
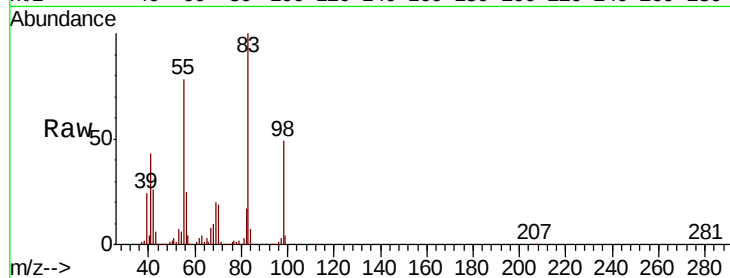
#39
Methvlcvclohexane
Concen: 48.932 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.5	95.3
98	49.1	39.4	59.2

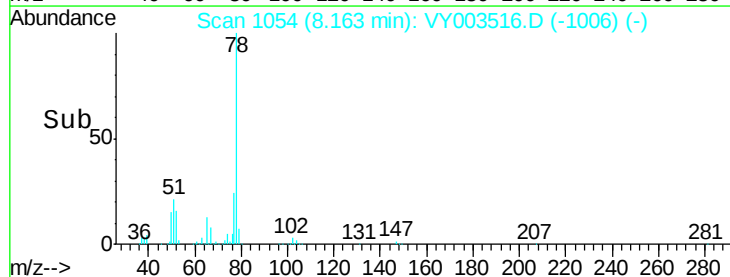
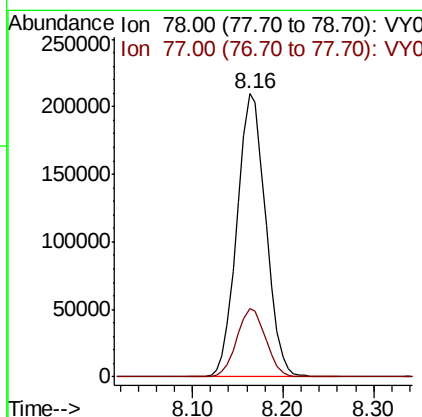
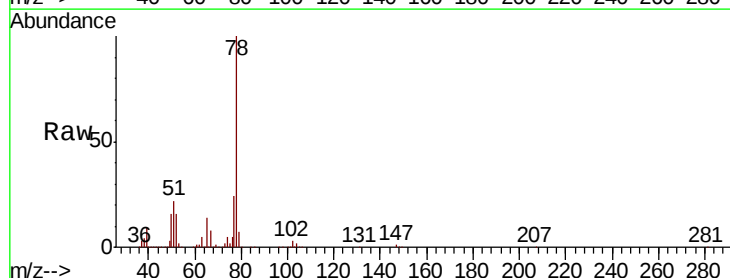
Manual Integrations
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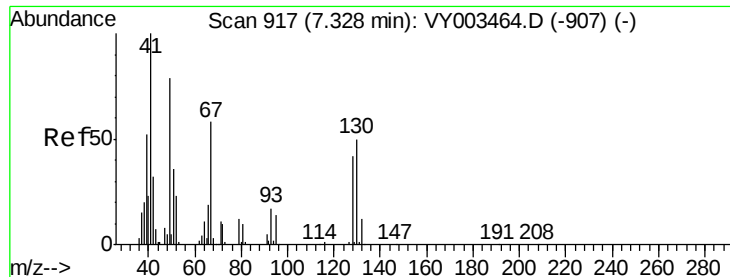
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#40
Benzene
Concen: 48.919 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





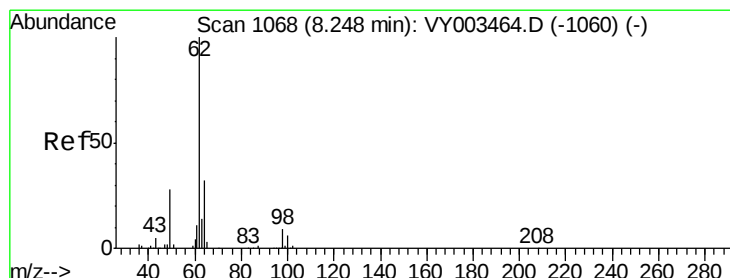
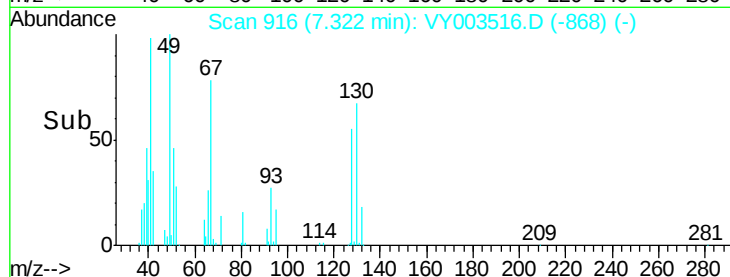
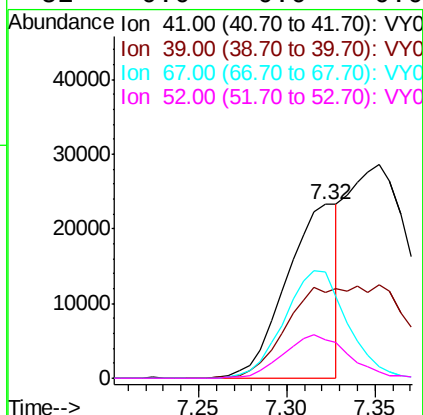
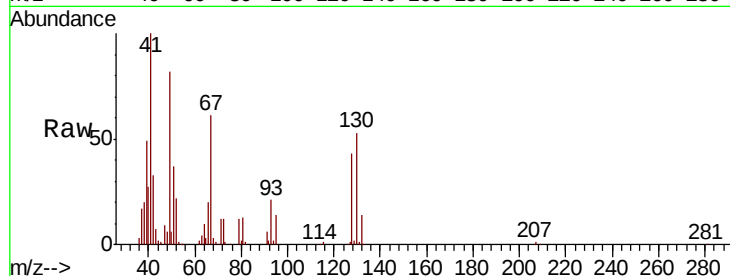
#41
Methacrylonitrile
Concen: 42.322 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	120.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

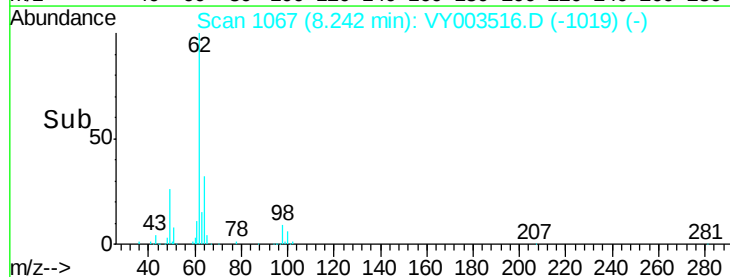
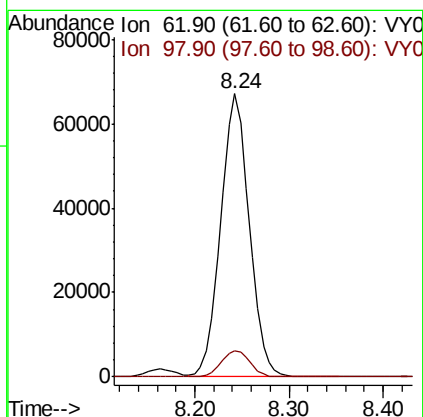
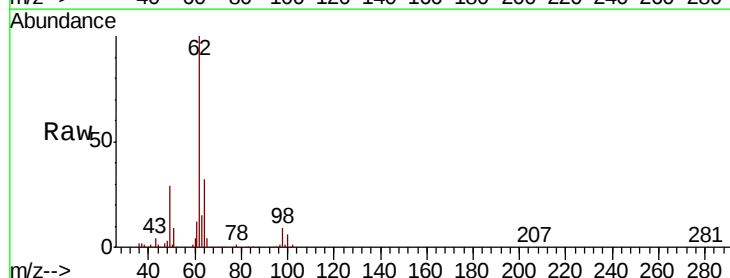
Manual Integrations
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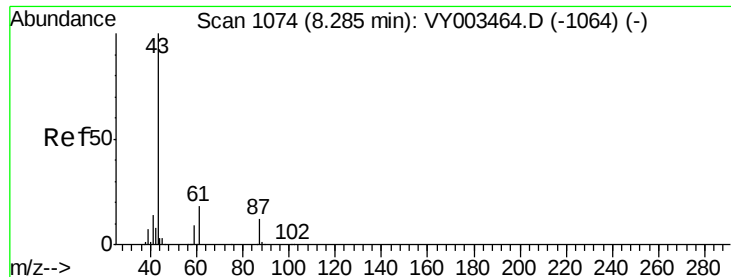
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#42
1,2-Dichloroethane
Concen: 47.725 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





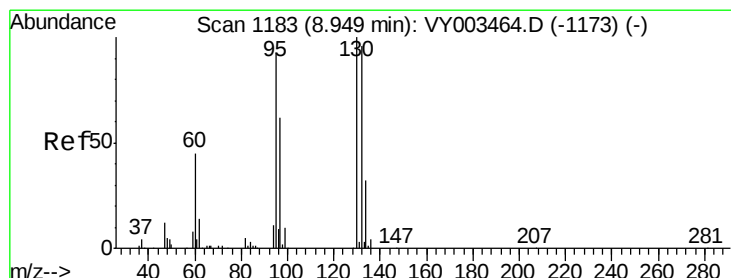
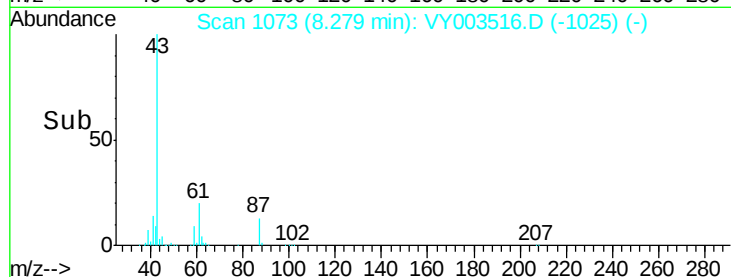
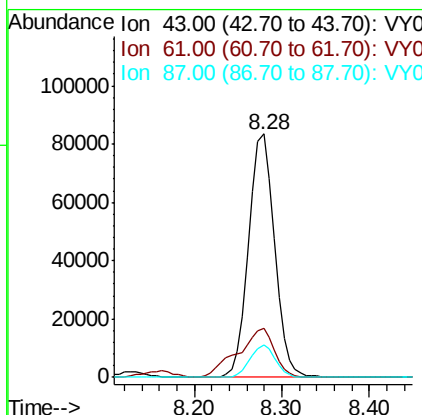
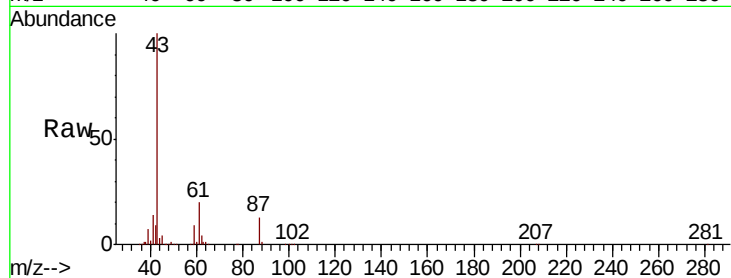
#43
Isopropyl Acetate
Concen: 45.453 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	21.9	32.9
87	13.0	10.0	15.0

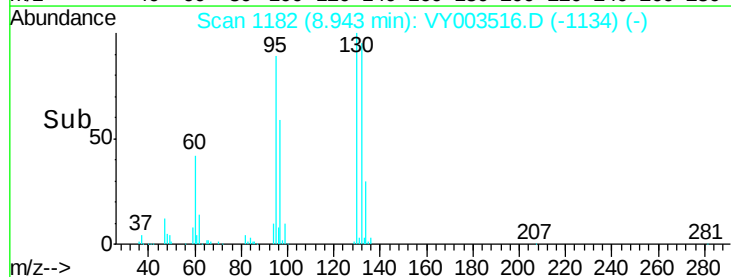
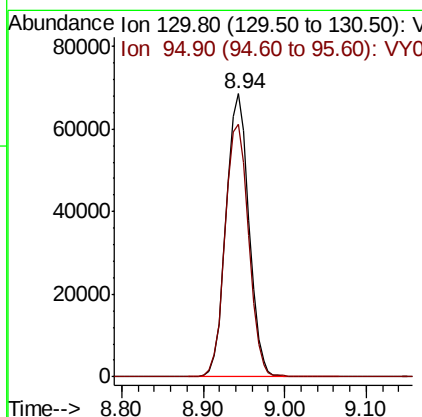
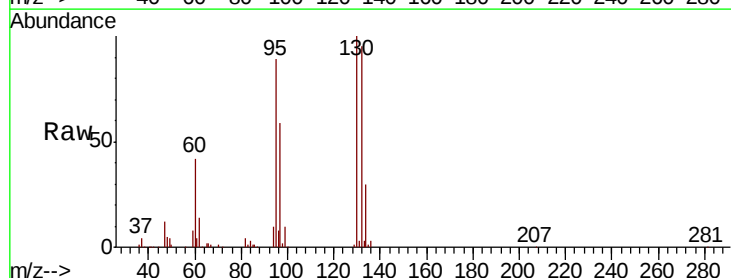
Manual Integrations
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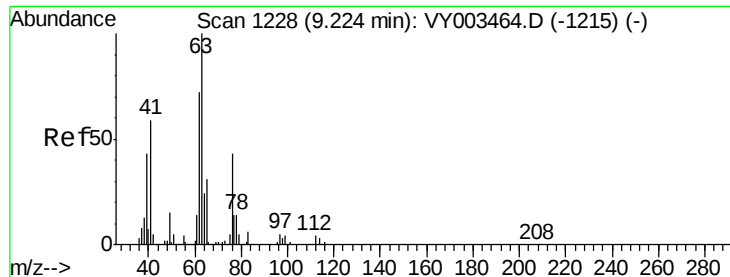
MMDadoda
11/6/2020 9:27:03 AM



#44
Trichloroethene
Concen: 49.912 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	186.6





#45

1,2-Dichloropropane

Concen: 50.145 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 119537

Ion Ratio Lower Upper

63 100

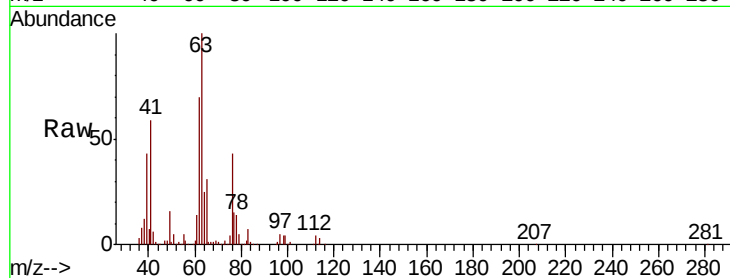
65 30.9 24.6 36.8

Manual Integrations

APPROVED

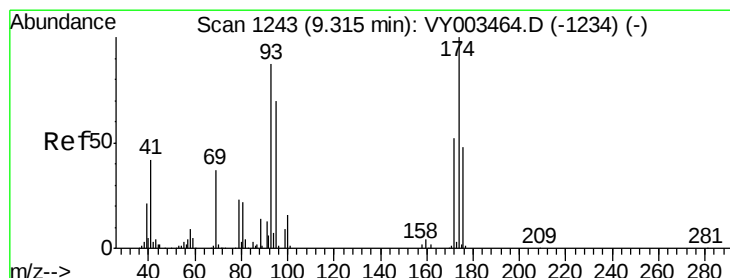
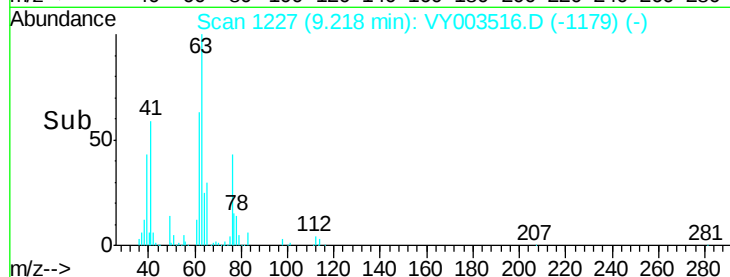
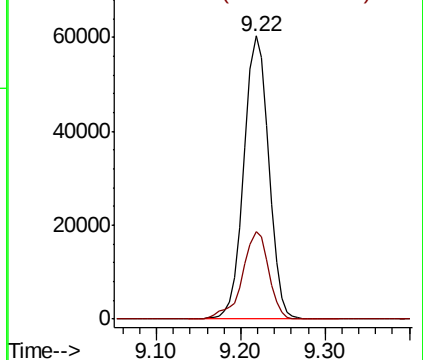
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.522 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

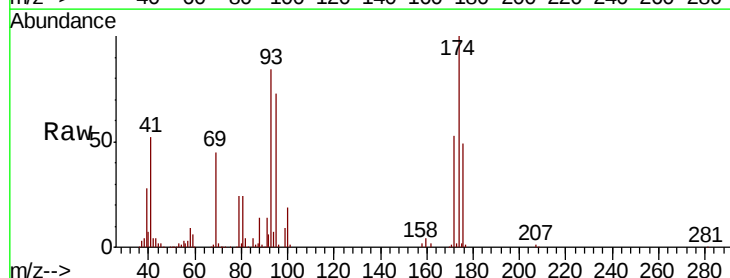
Tgt Ion: 93 Resp: 63636

Ion Ratio Lower Upper

93 100

95 83.3 65.0 97.6

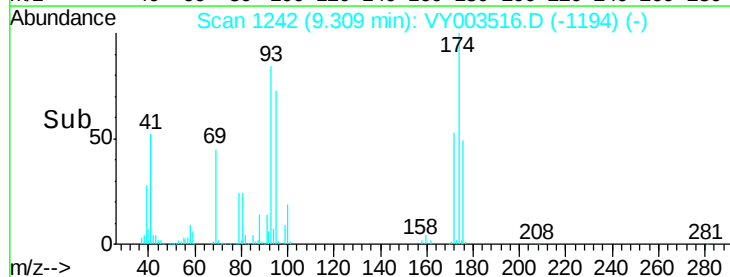
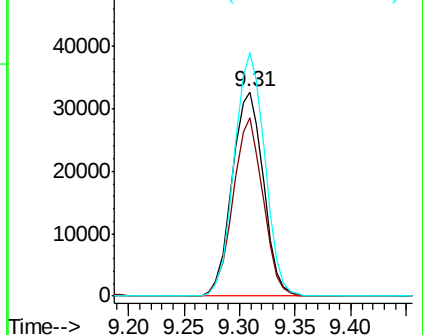
174 116.2 91.8 137.6

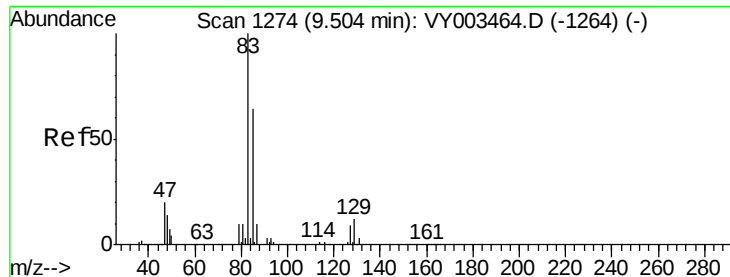


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 49.889 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

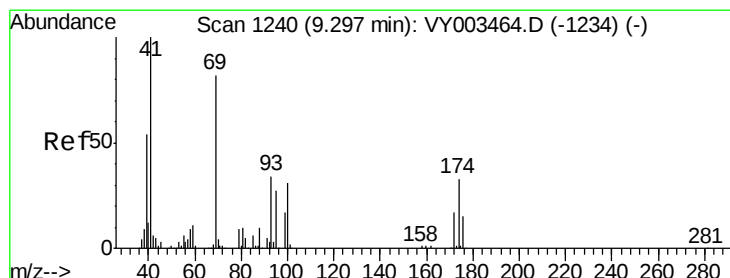
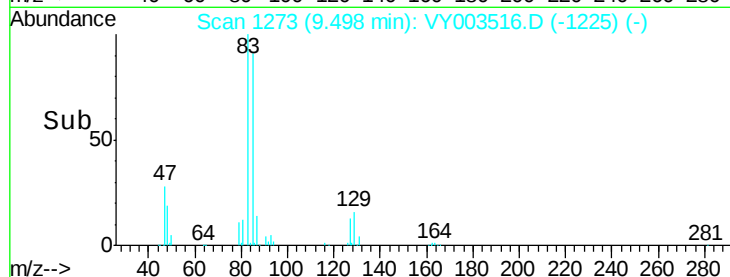
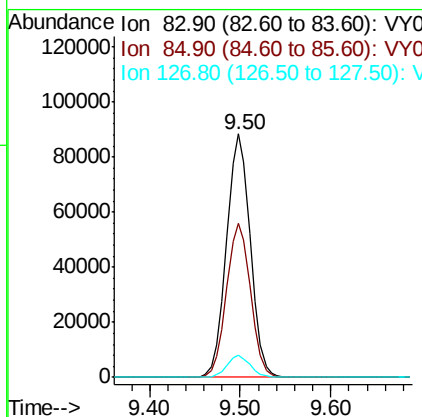
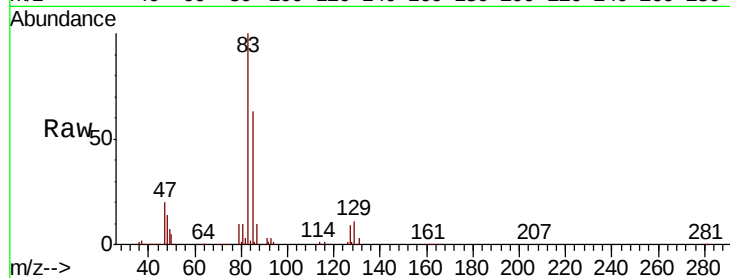
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	160143
Ion Ratio		Lower	Upper
83	100		
85	63.2	51.0	76.6
127	9.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.064 ug/l

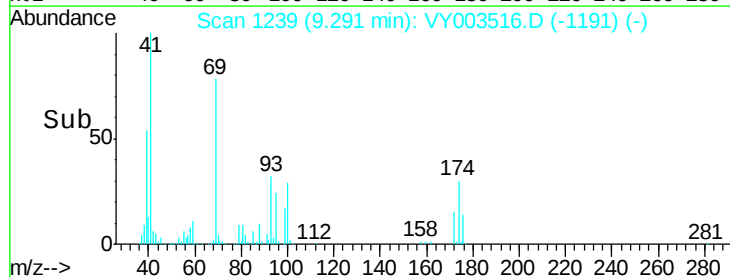
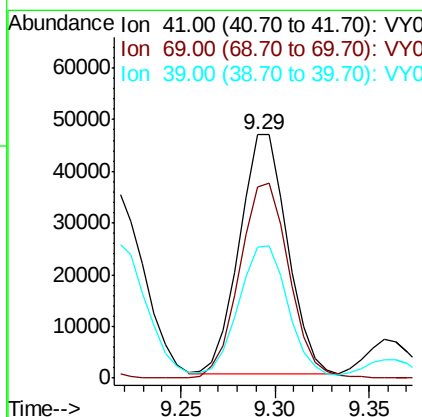
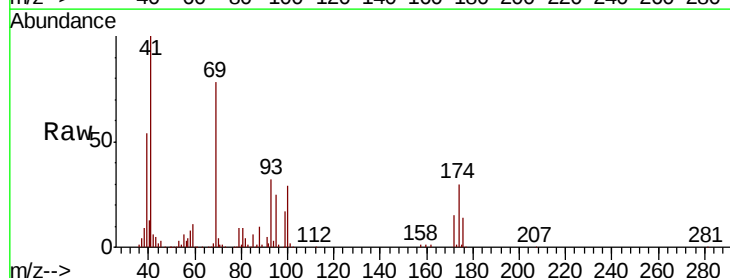
RT: 9.29 min Scan# 1239

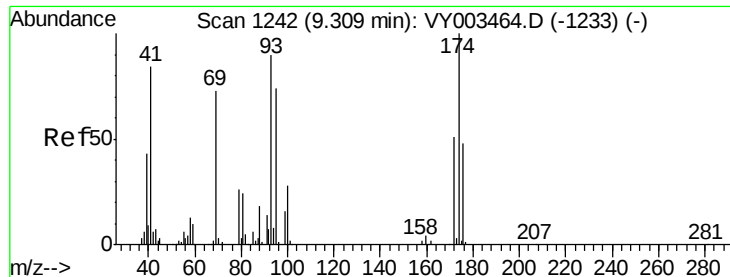
Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion:	41	Resp:	82139
Ion Ratio		Lower	Upper
41	100		
69	84.1	65.9	98.9
39	57.4	43.2	64.8





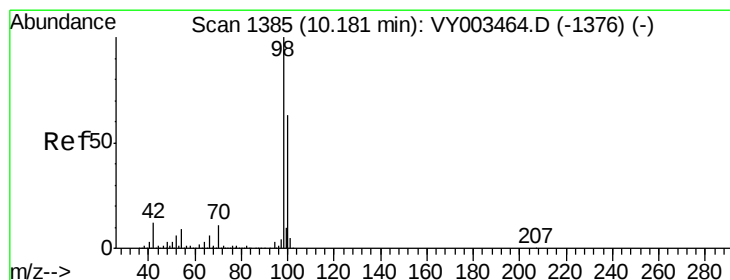
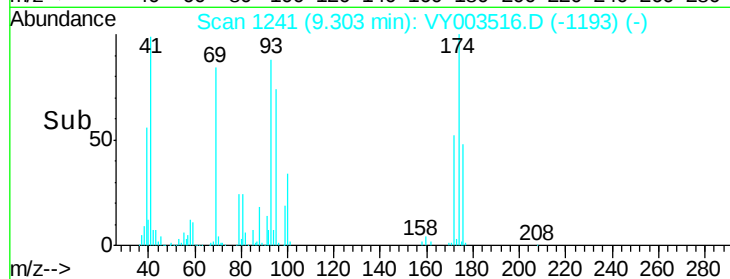
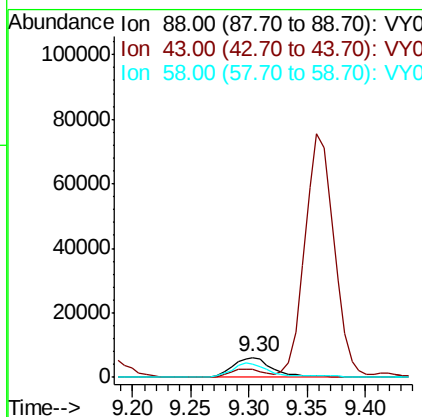
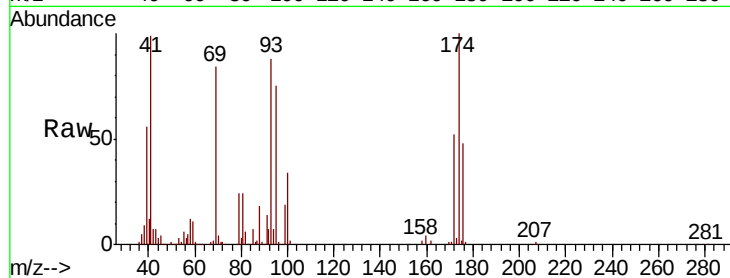
#49
1,4-Dioxane
Concen: 889.628 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	27.6	41.4
58	67.6	54.2	81.2

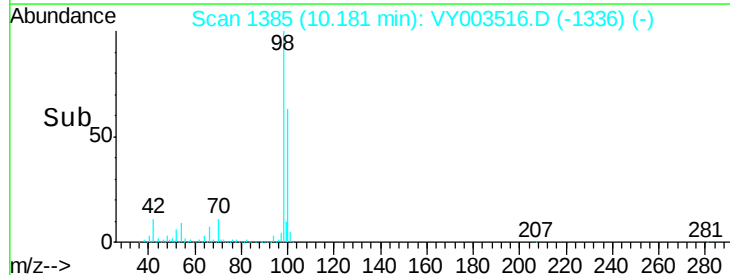
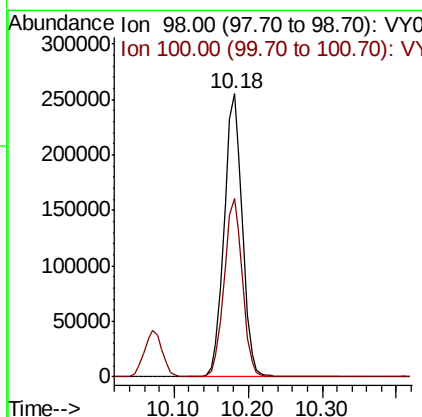
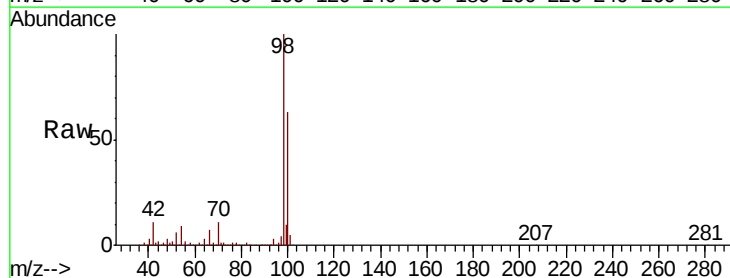
Manual Integrations
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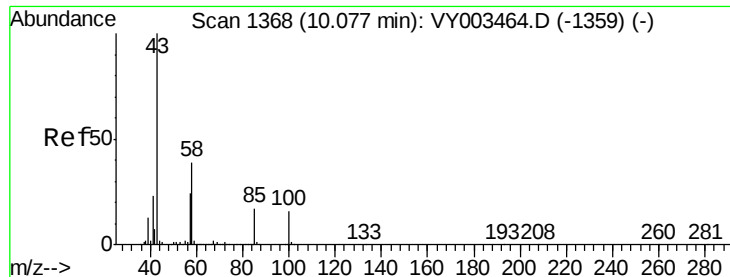
MMDadoda
11/6/2020 9:27:03 AM



#50
Toluene-d8
Concen: 47.398 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 230.163 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 464201

Ion Ratio Lower Upper

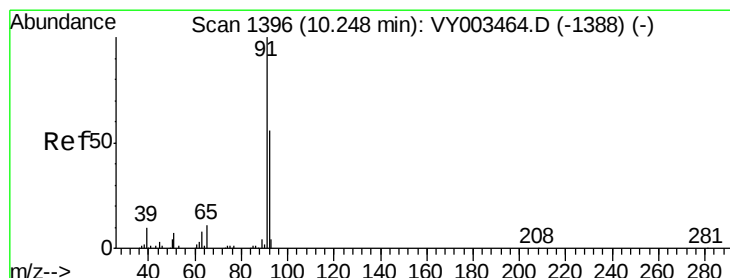
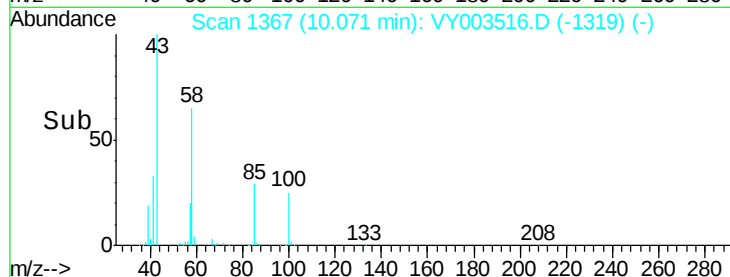
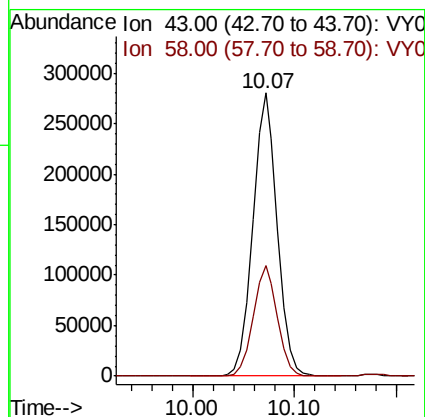
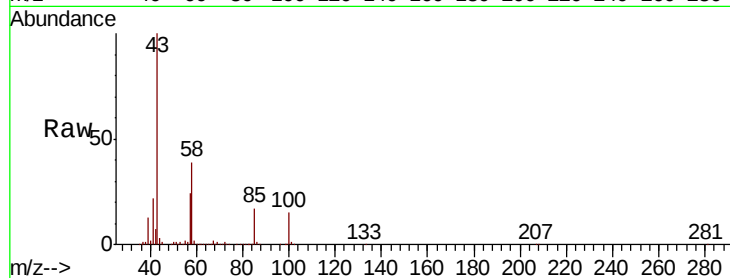
43 100

58 38.9 31.0 46.4

Manual Integrations
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#52

Toluene

Concen: 50.000 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003516.D

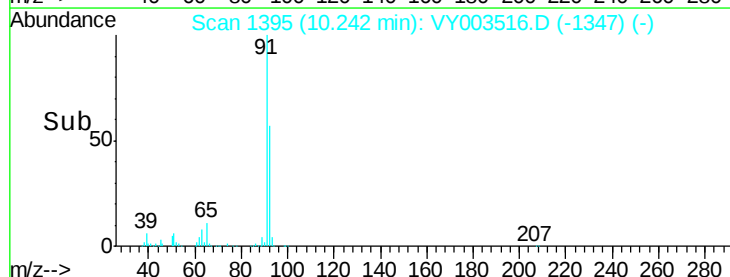
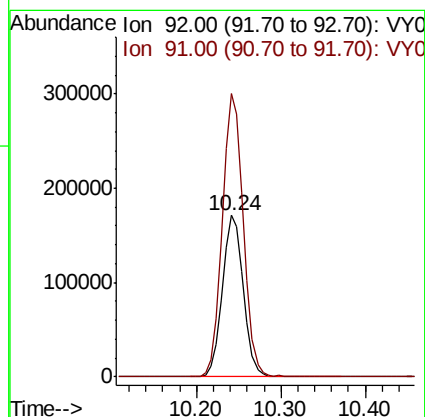
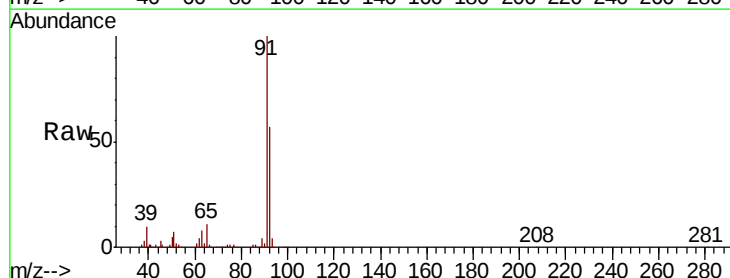
Acq: 05 Nov 2020 10:31

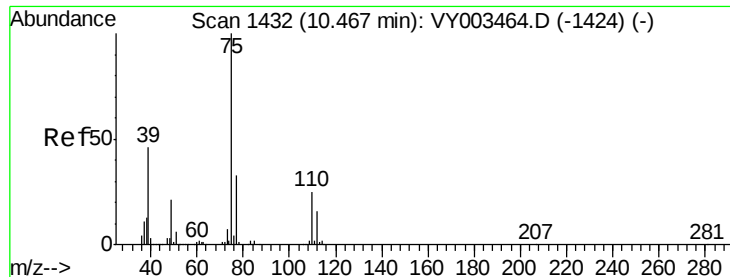
Tgt Ion: 92 Resp: 295203

Ion Ratio Lower Upper

92 100

91 175.1 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 49.205 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 168088

Ion Ratio Lower Upper

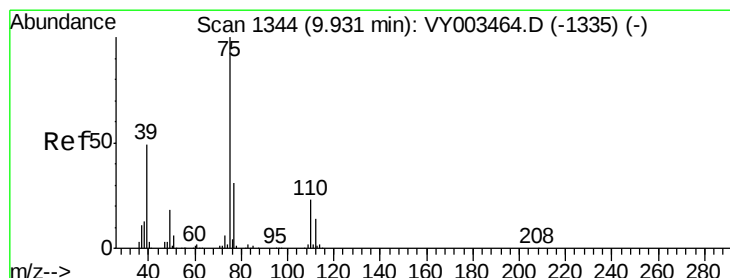
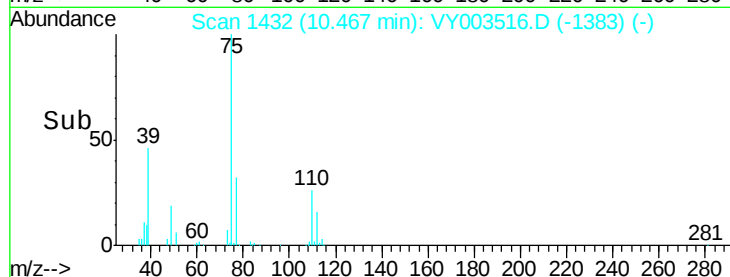
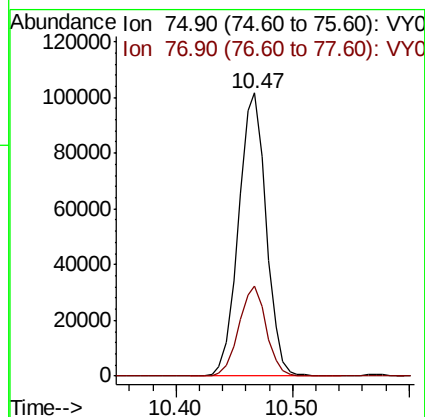
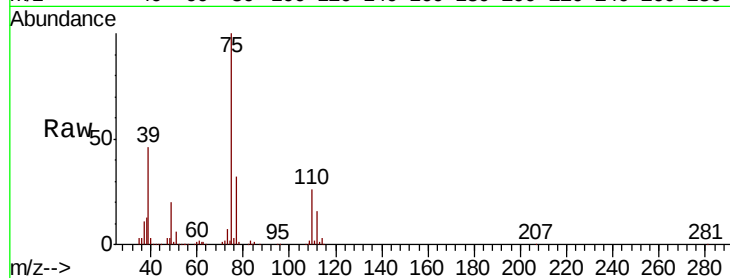
75 100

77 31.6 26.2 39.4

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#54

cis-1,3-Dichloropropene

Concen: 50.542 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

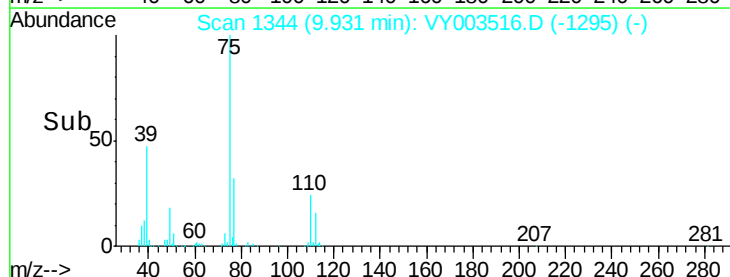
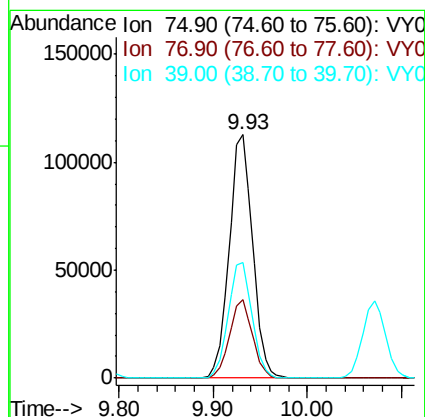
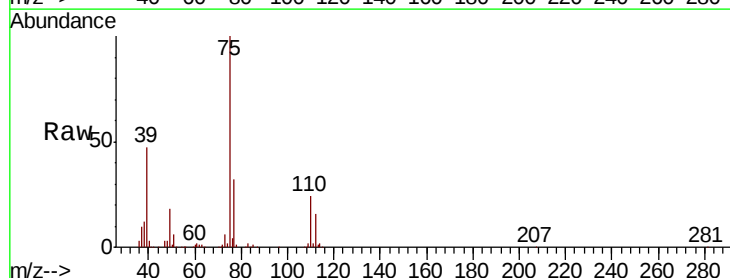
Tgt Ion: 75 Resp: 194286

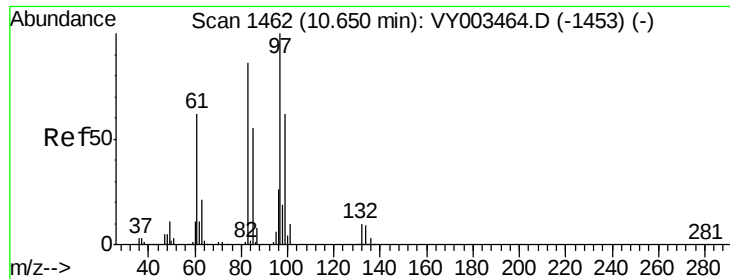
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 47.4 39.0 58.4





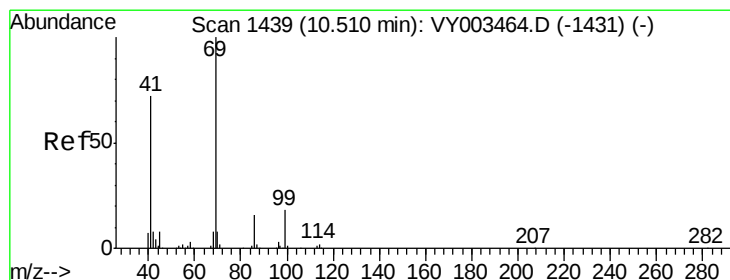
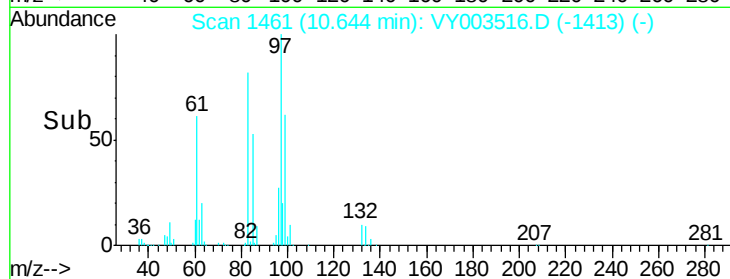
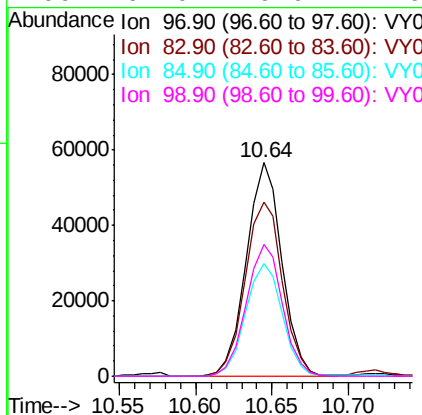
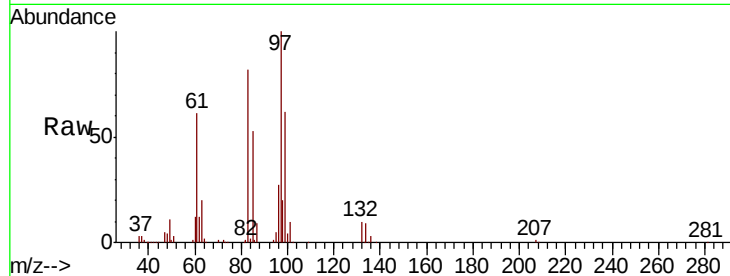
#55
 1,1,2-Trichloroethane
 Concen: 49.265 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	91718
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.6	102.8
85	52.7	43.8	65.6
99	62.0	49.9	74.9

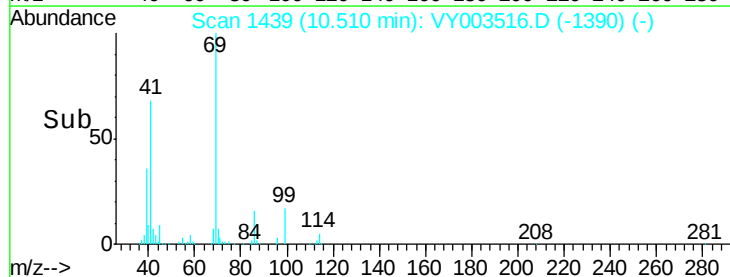
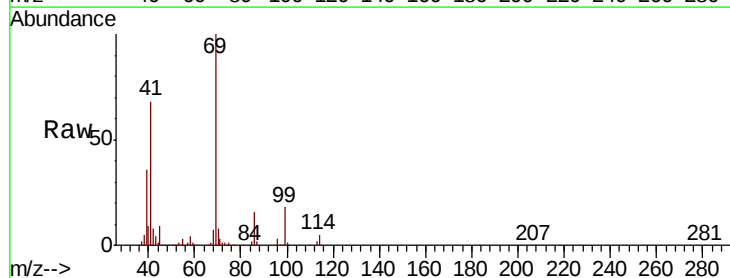
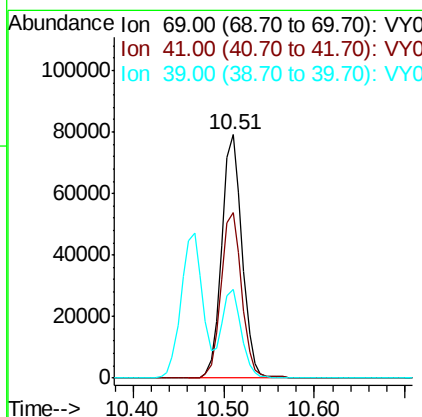
Manual Integrations
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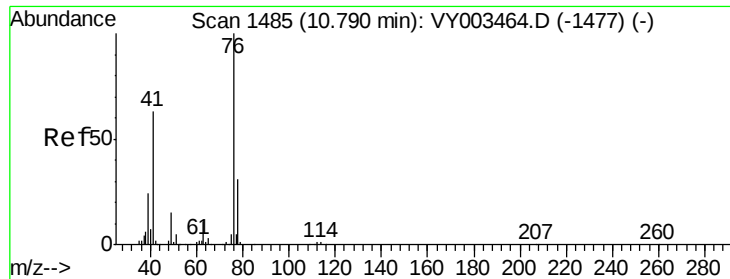
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#56
 Ethyl methacrylate
 Concen: 49.616 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion:	69	Resp:	123724
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.4	83.2
39	35.8	28.7	43.1





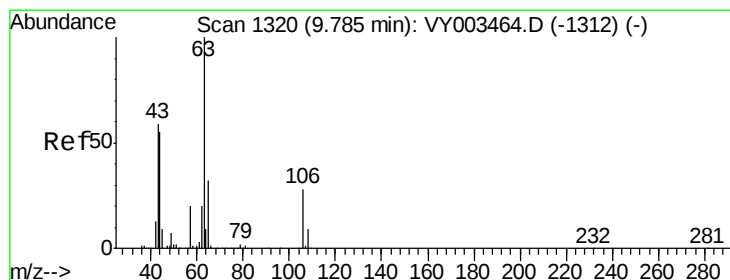
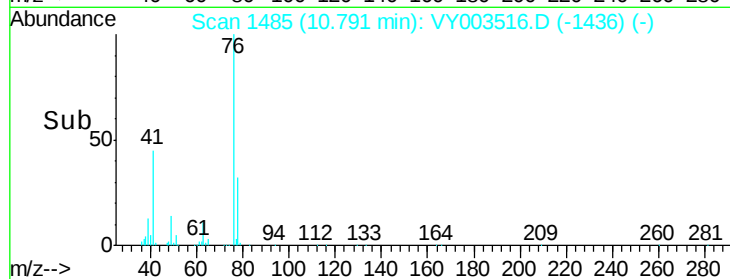
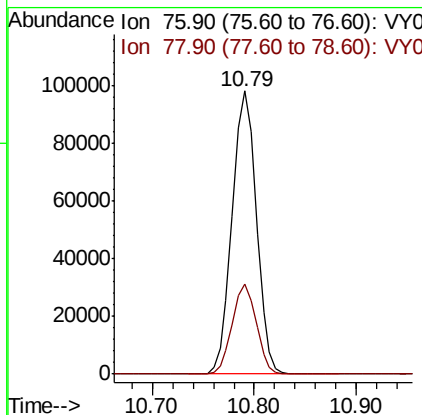
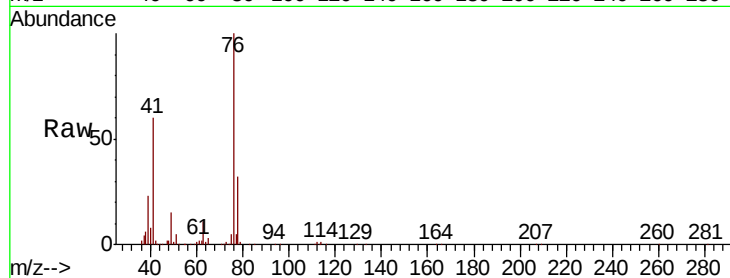
#57
 1,3-Dichloropropane
 Concen: 49.948 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 161694
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8

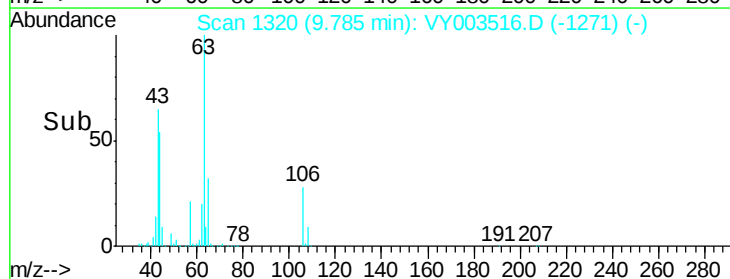
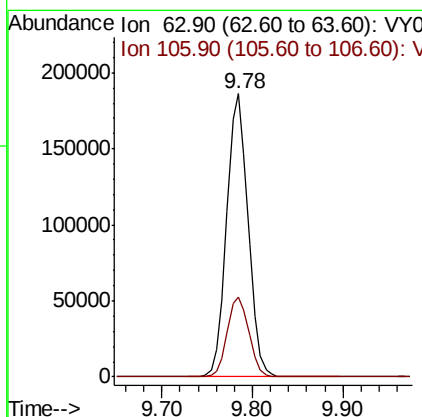
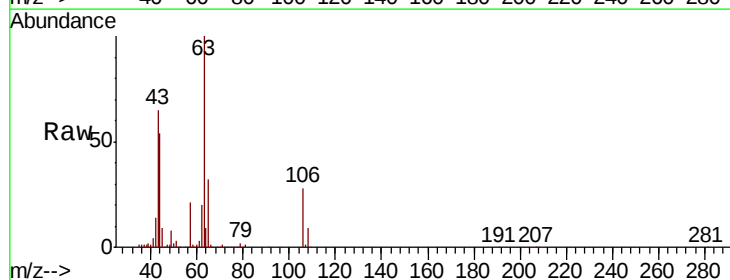
Manual Integrations
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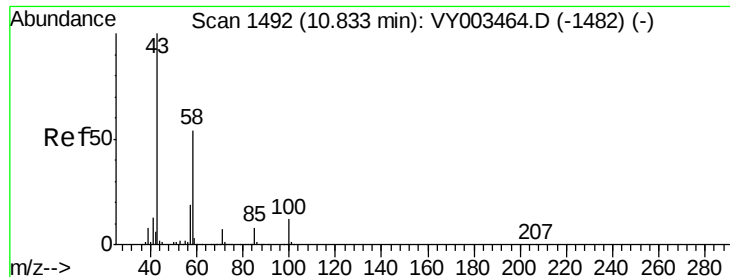
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#58
 2-Chloroethyl Vinyl ether
 Concen: 241.933 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 63 Resp: 305836
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.3 33.5





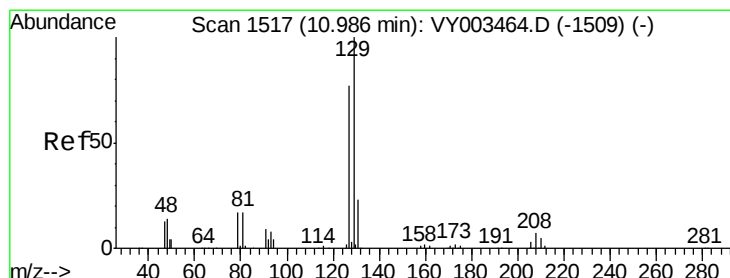
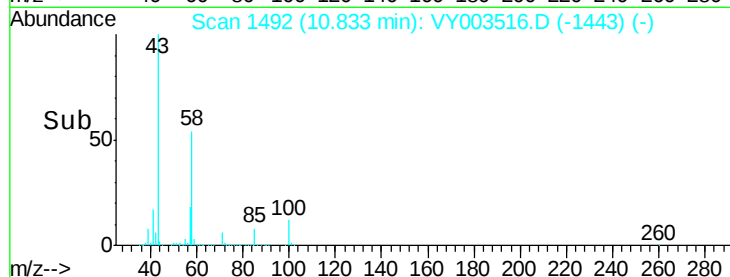
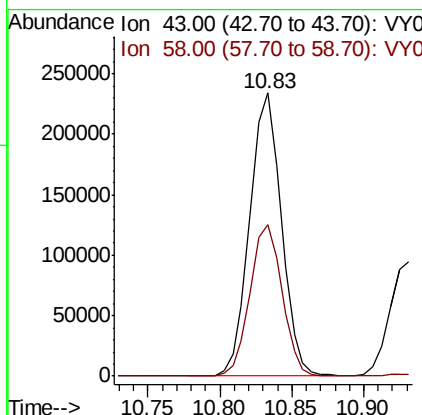
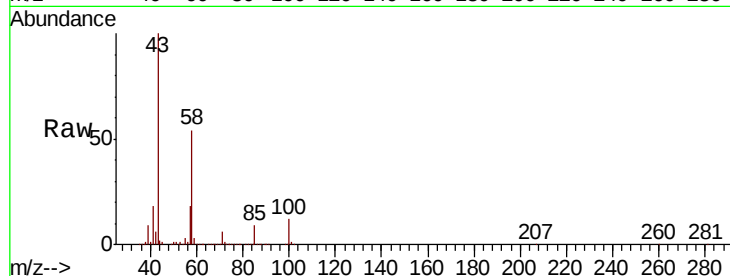
#59
2-Hexanone
Concen: 237.996 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	26.8	80.3

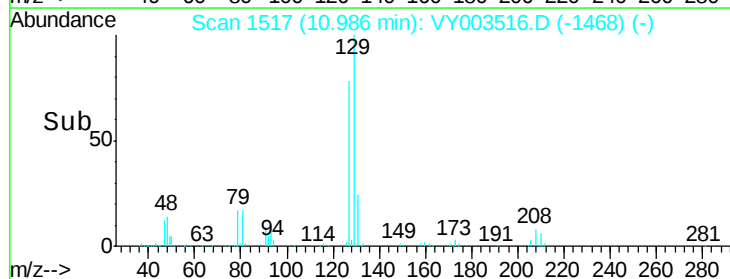
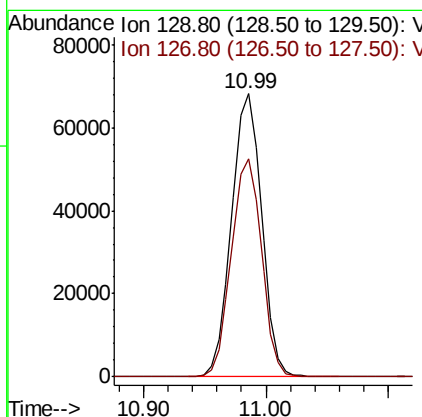
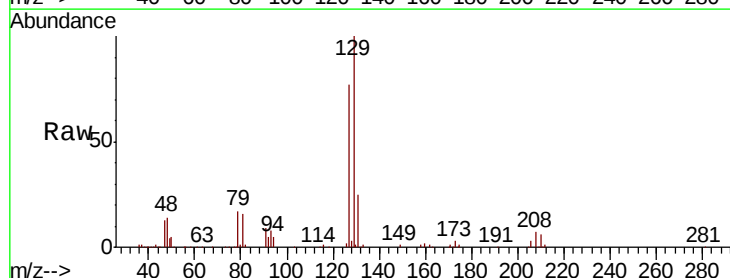
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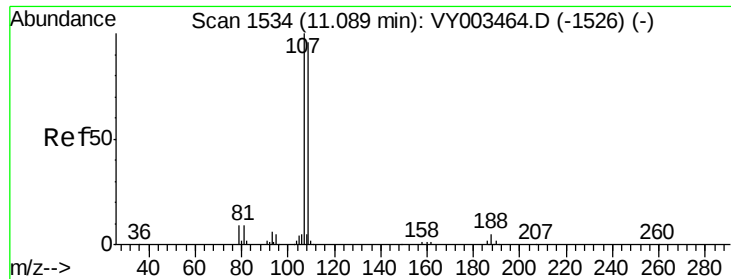
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#60
Dibromochloromethane
Concen: 50.805 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.8	116.3





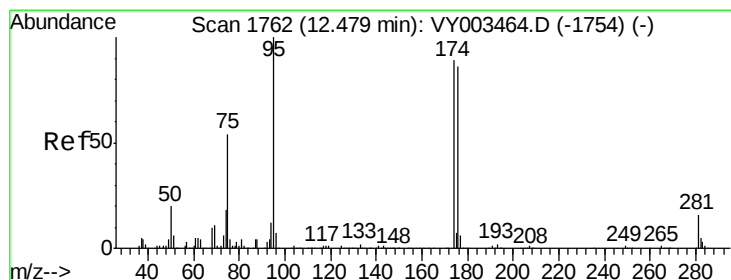
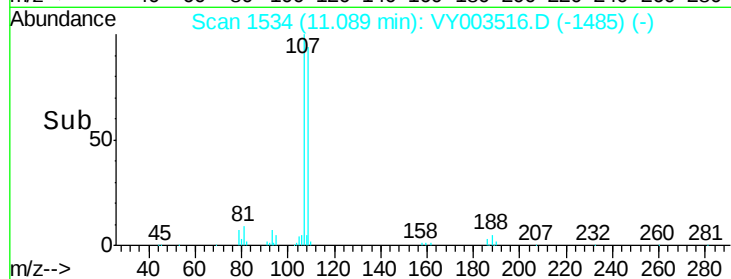
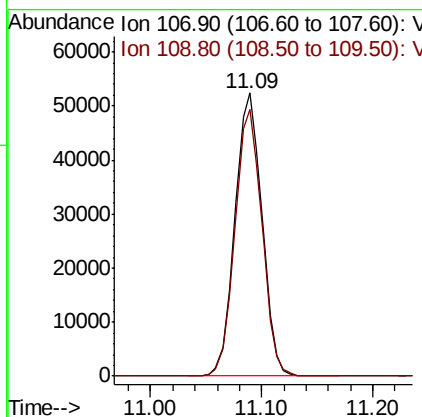
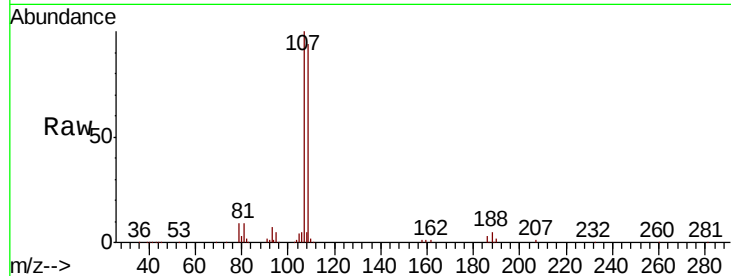
#61
 1,2-Dibromoethane
 Concen: 48.877 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 87849
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7

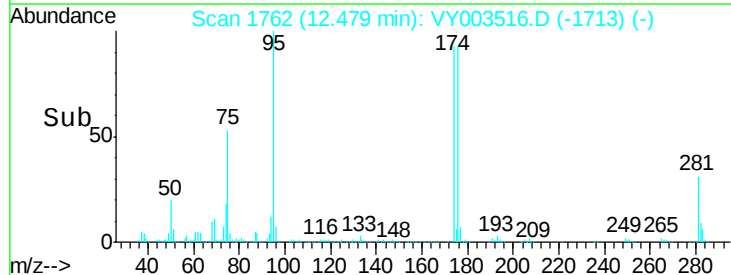
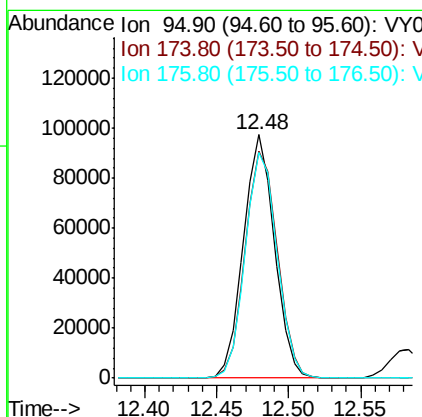
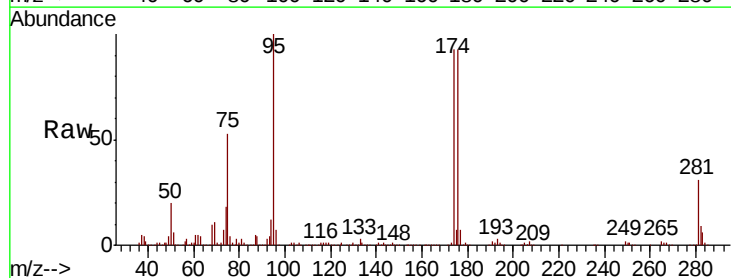
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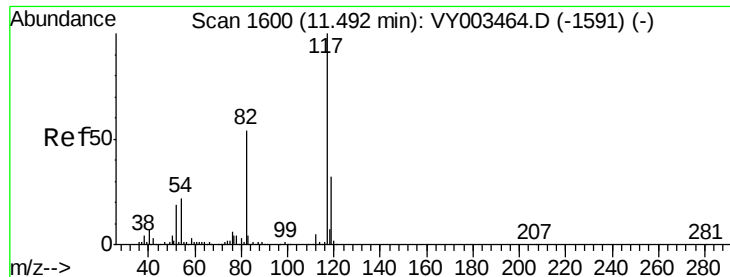
MMDadoda
 11/6/2020 9:27:03 AM



#62
 4-Bromofluorobenzene
 Concen: 48.297 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 95 Resp: 145740
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 193.0
 176 94.6 0.0 187.4





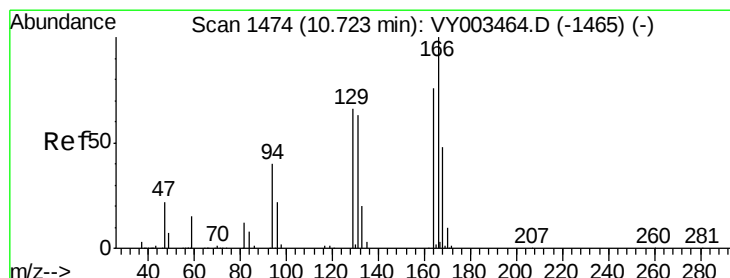
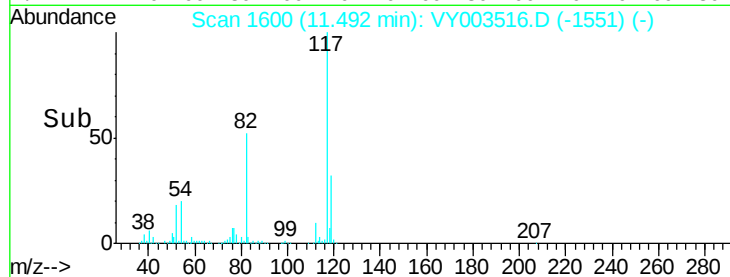
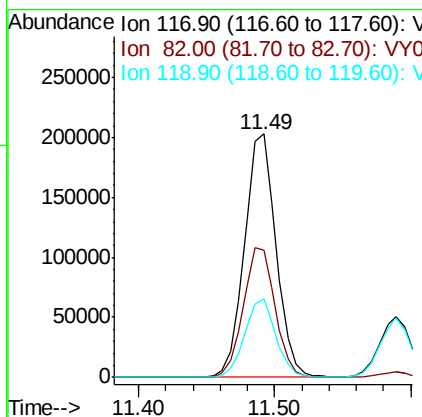
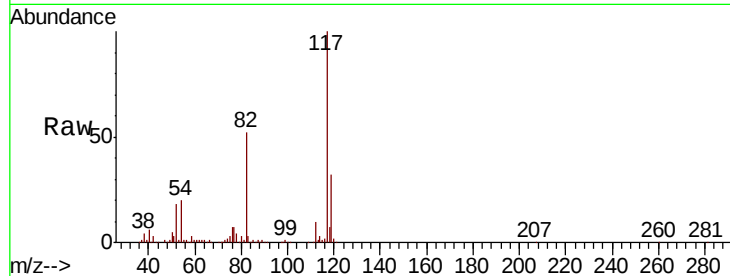
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.2
119	32.4	25.8	38.6

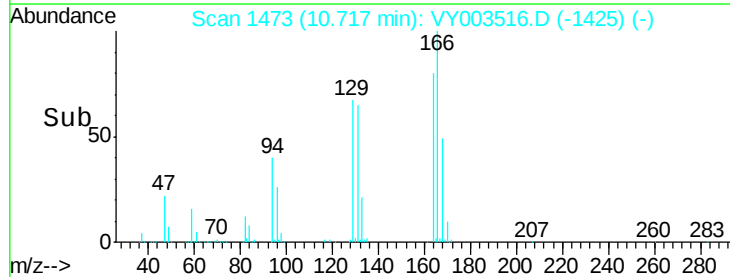
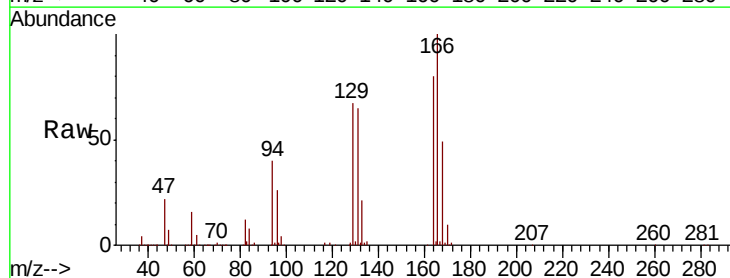
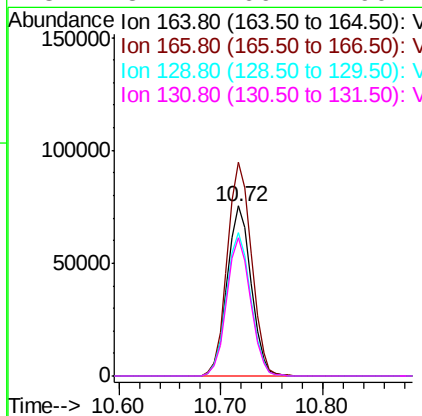
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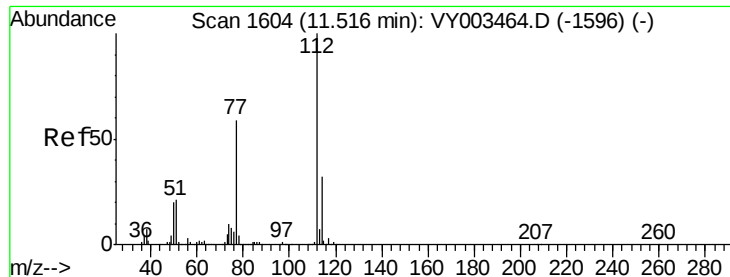
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#64
Tetrachloroethene
Concen: 49.793 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	104.9	157.3
129	84.5	68.9	103.3
131	81.4	66.2	99.2





#65

Chlorobenzene

Concen: 49.873 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 319596

Ion Ratio Lower Upper

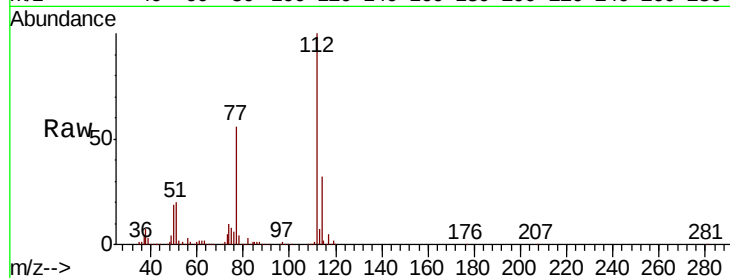
112 100

114 32.3 25.5 38.3

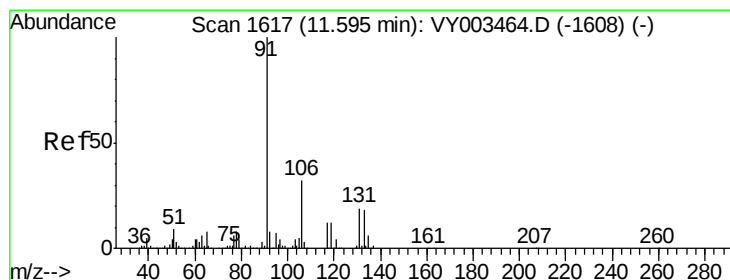
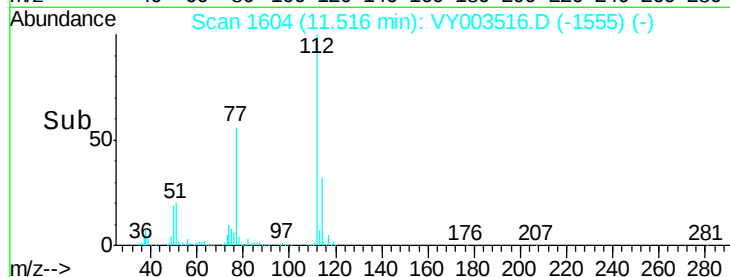
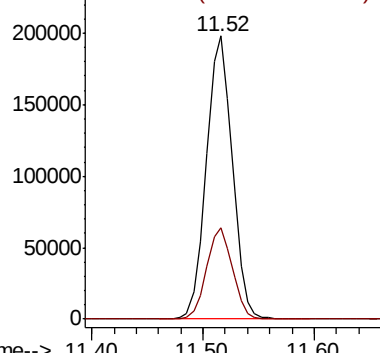
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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.317 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

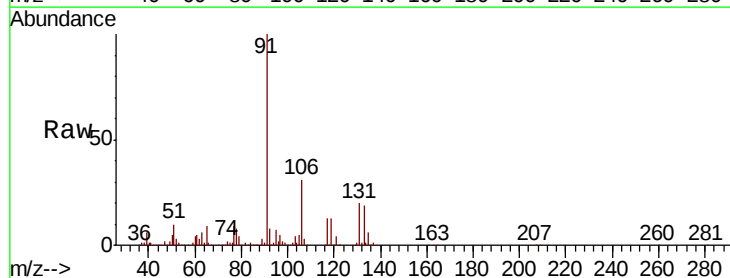
Tgt Ion:131 Resp: 121601

Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.2

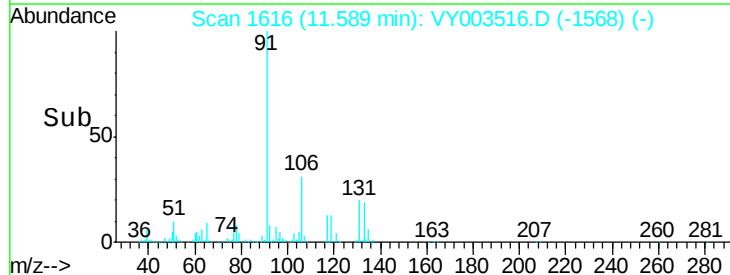
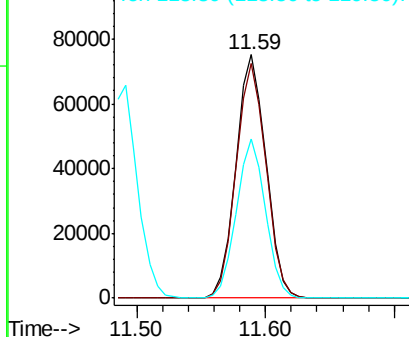
119 63.4 31.6 95.0

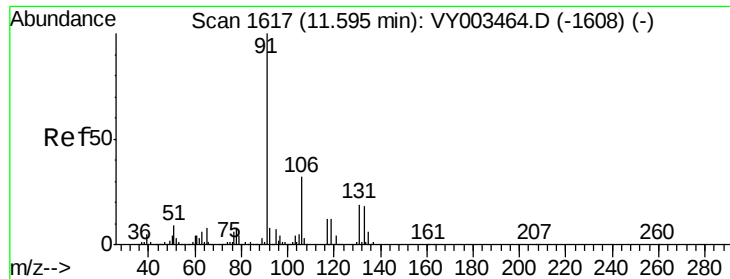


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.907 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 579910

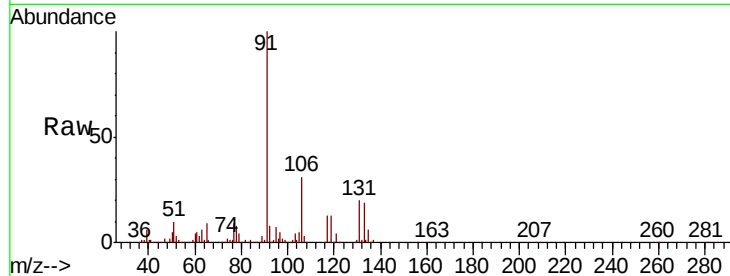
Ion Ratio Lower Upper

91 100

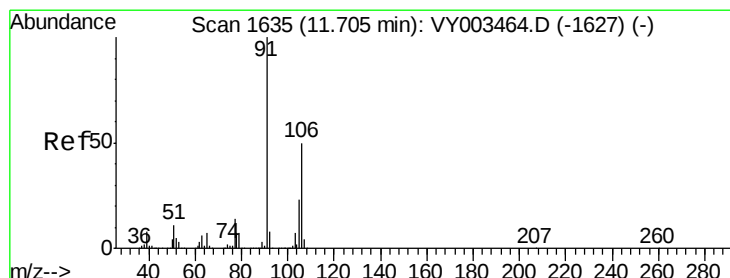
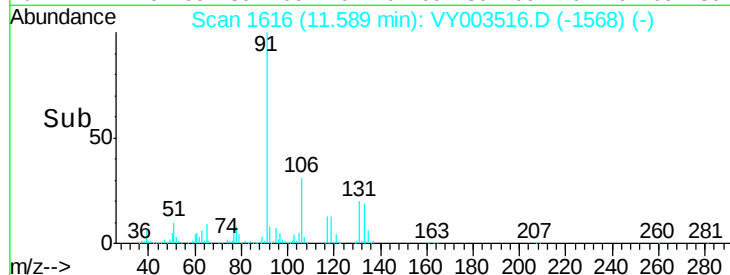
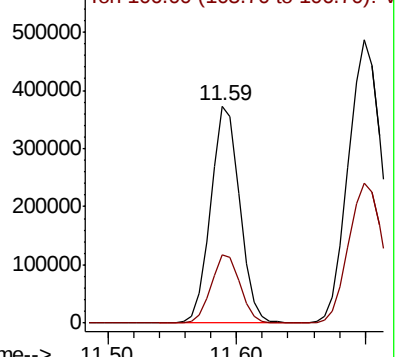
106 31.4 25.4 38.0

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Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1608) (-)



#68

m/p-Xylenes

Concen: 101.000 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003516.D

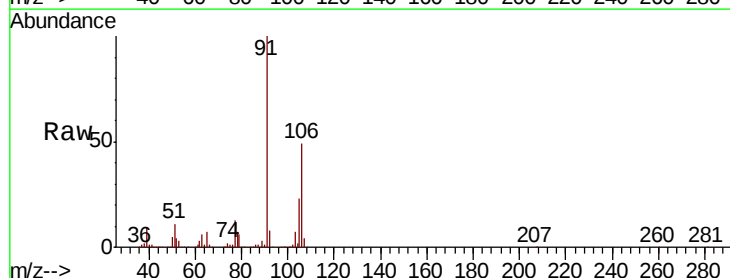
Acq: 05 Nov 2020 10:31

Tgt Ion: 106 Resp: 444744

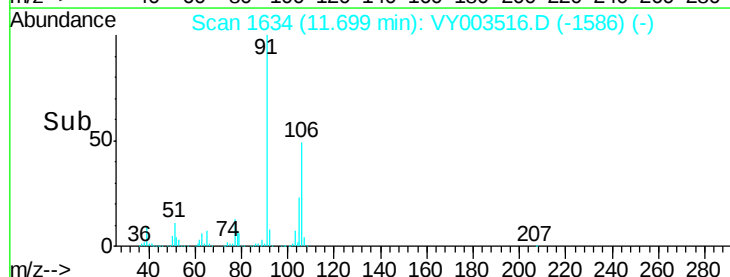
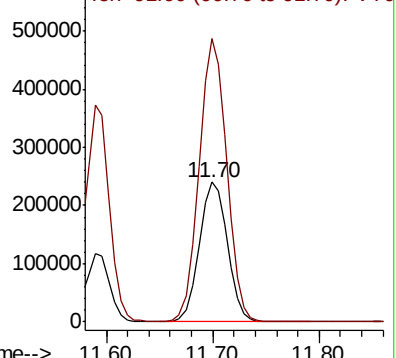
Ion Ratio Lower Upper

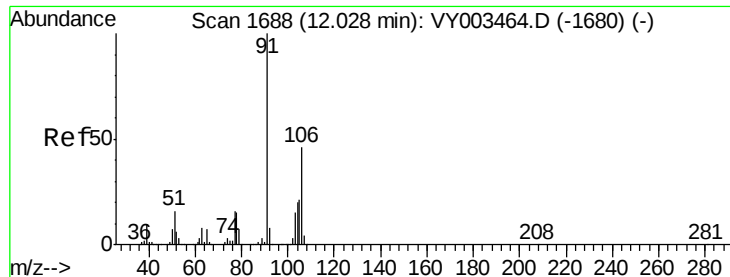
106 100

91 198.7 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VY003464.D (-1627) (-)





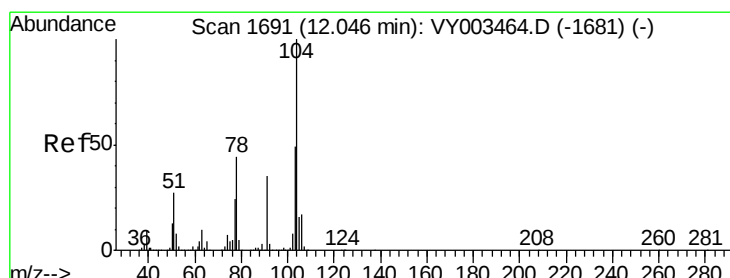
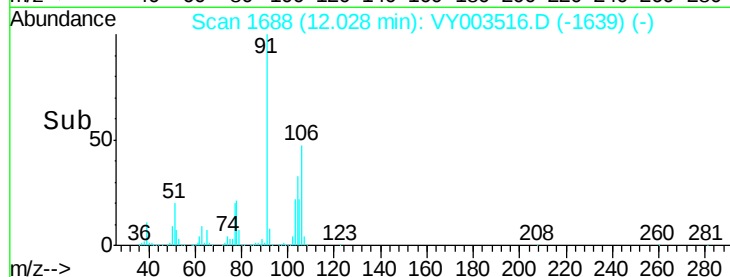
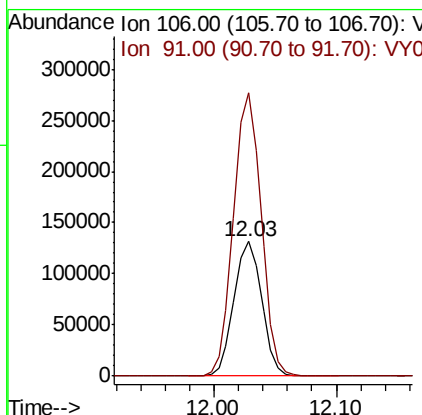
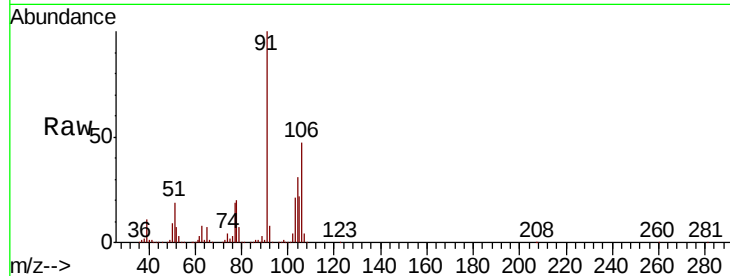
#69
o-Xylene
Concen: 50.943 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.6	105.5	316.5	

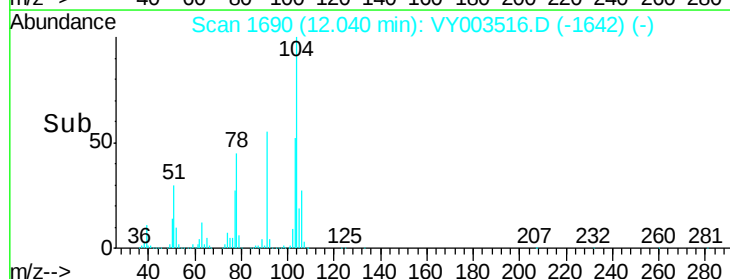
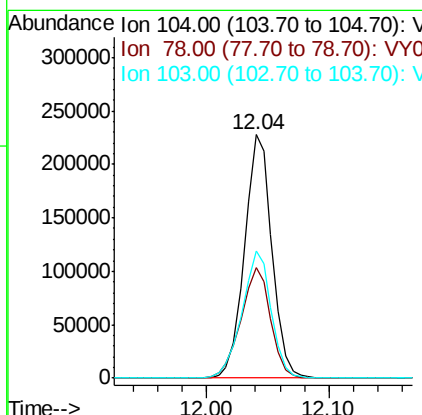
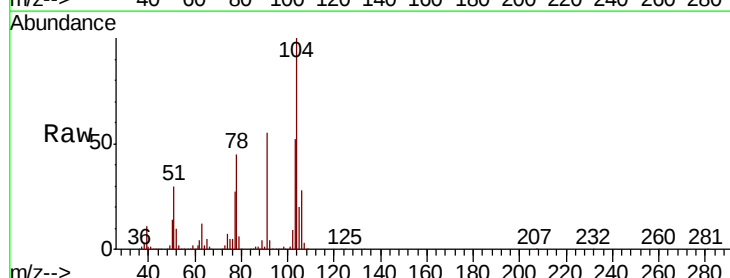
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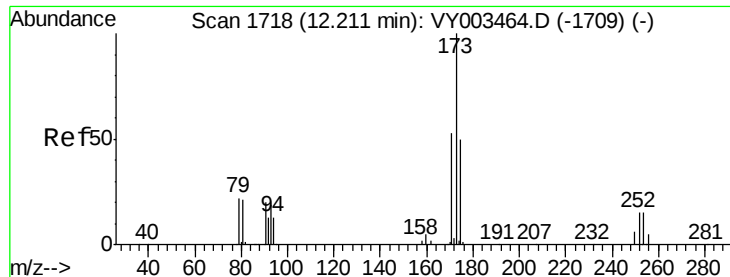
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#70
Styrene
Concen: 51.430 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.2	39.5	59.3	
103	55.7	44.2	66.2	





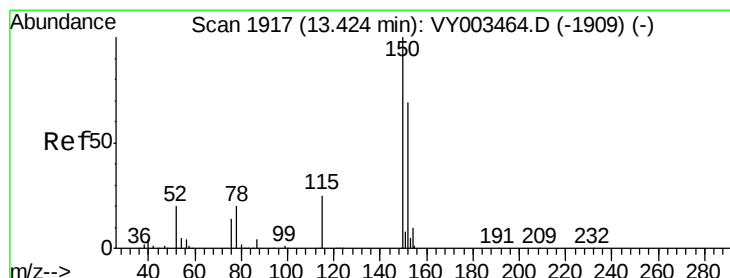
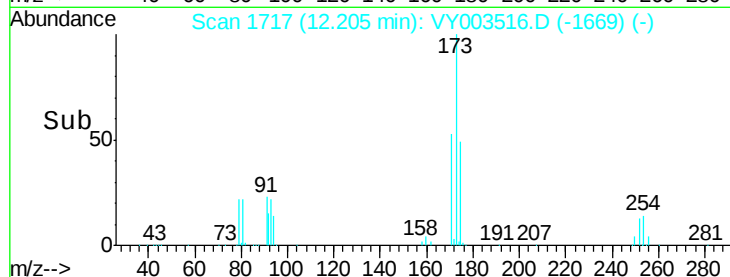
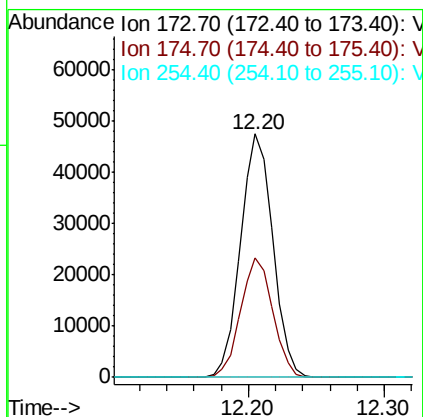
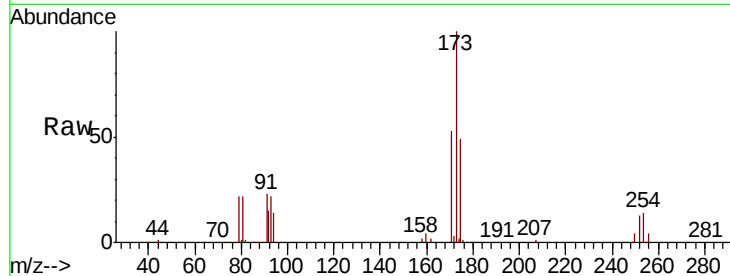
#71
Bromoform
Concen: 48.991 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

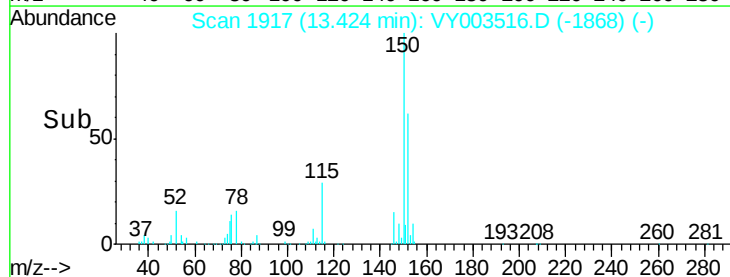
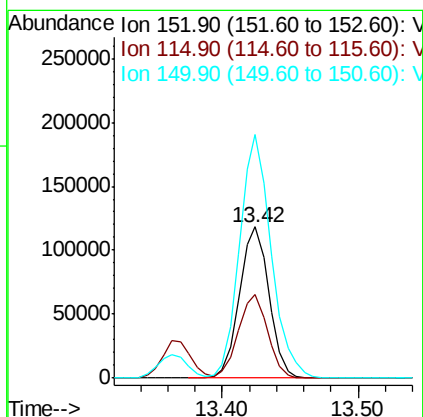
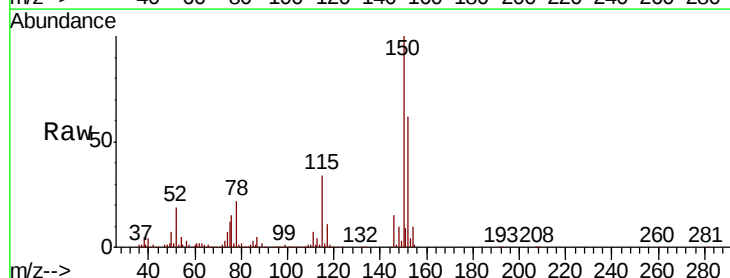
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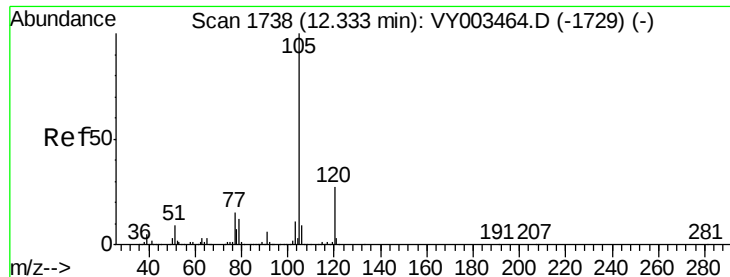
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.5	82.4
150	172.6	0.0	345.8





#73

Isopropylbenzene

Concen: 48.533 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 567218

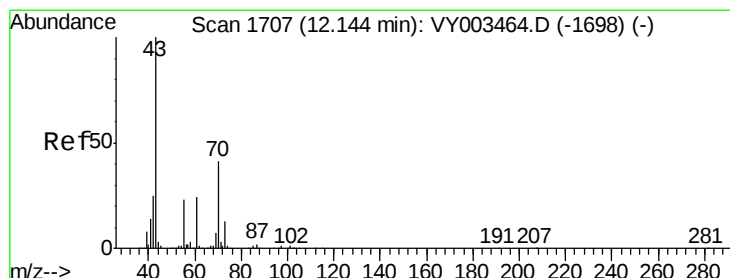
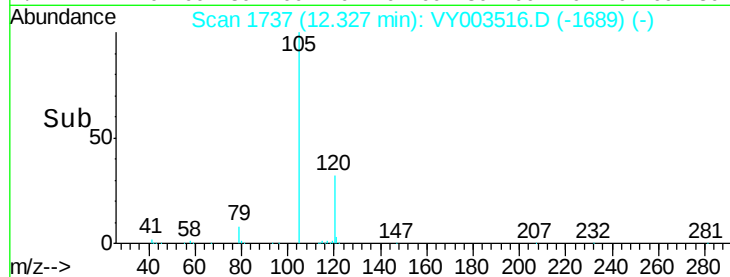
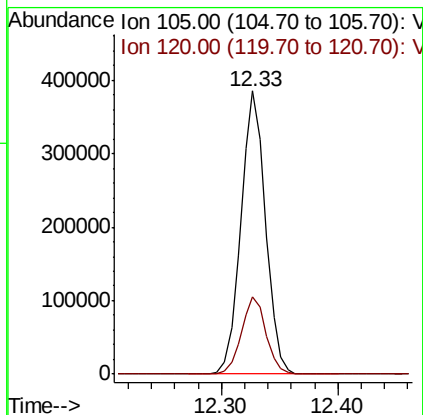
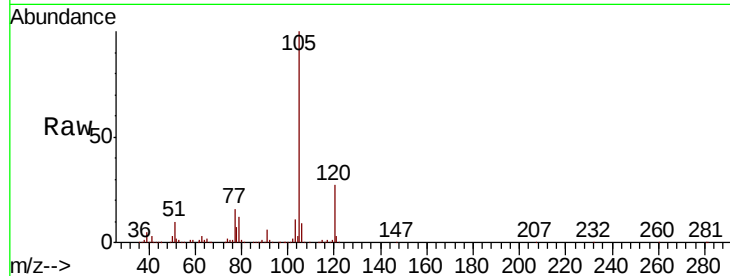
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

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#74

N-ethyl acetate

Concen: 46.399 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion: 43 Resp: 153607

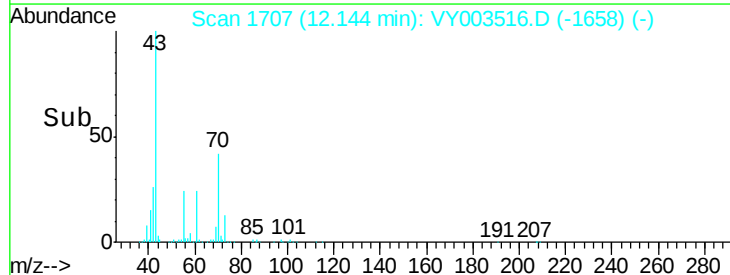
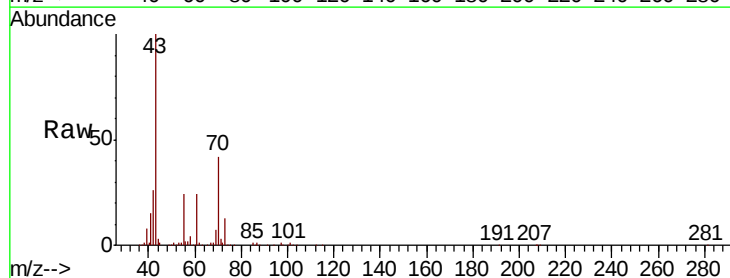
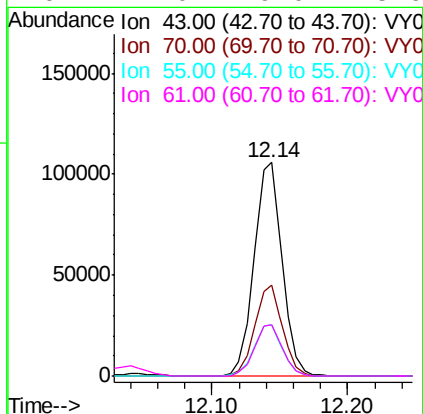
Ion Ratio Lower Upper

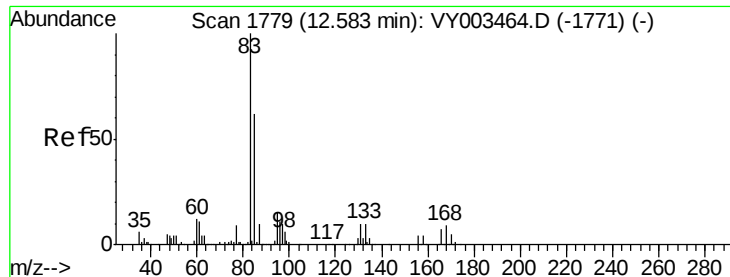
43 100

70 41.8 33.1 49.7

55 24.6 19.2 28.8

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.312 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

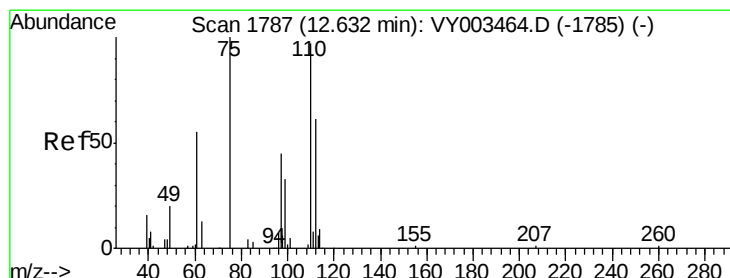
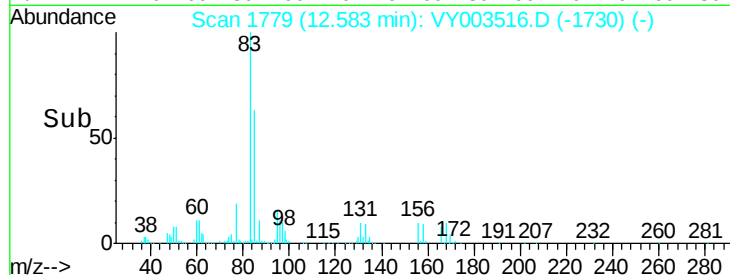
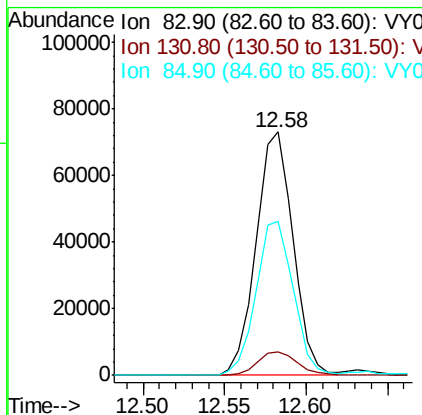
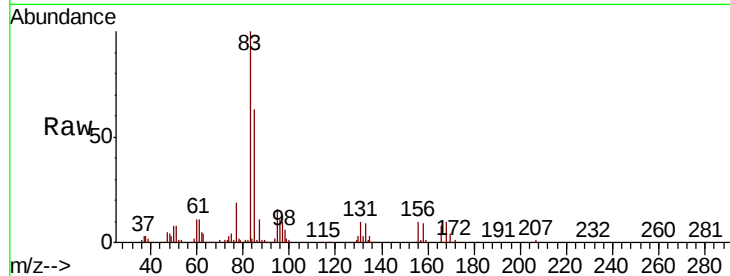
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	115612
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	63.8	32.0	96.2

Manual Integrations
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11/6/2020 9:27:03 AM



#76

1,2,3-Trichloropropane

Concen: 49.516 ug/l m

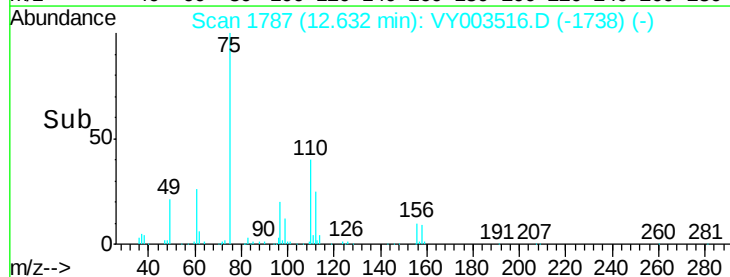
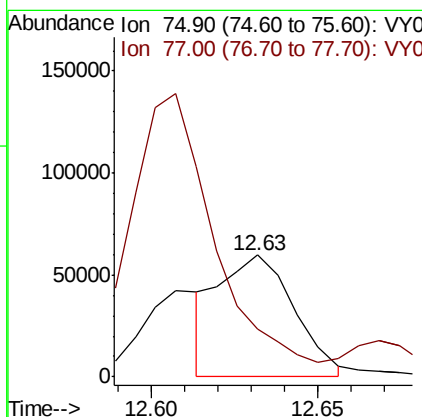
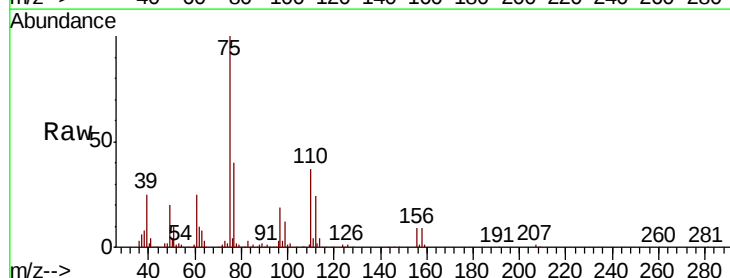
RT: 12.63 min Scan# 1787

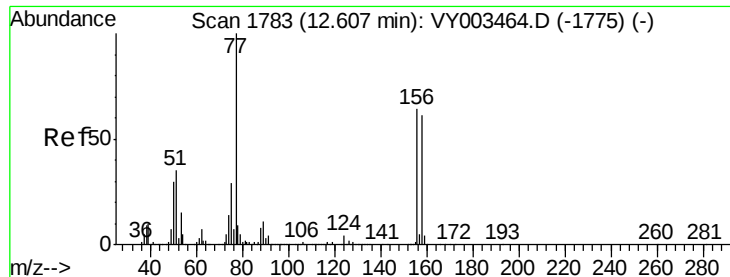
Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion:	75	Resp:	93737
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.620 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 144375

Ion Ratio Lower Upper

156 100

77 172.6 87.0 260.9

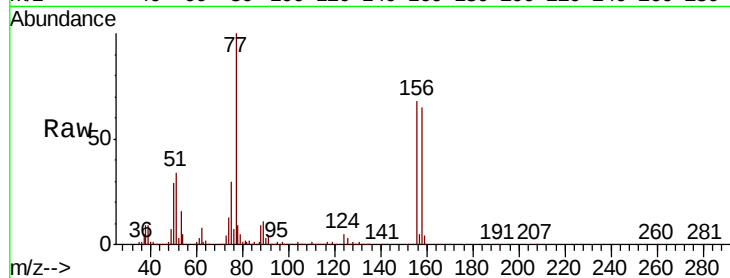
158 97.4 48.7 146.1

Manual Integrations

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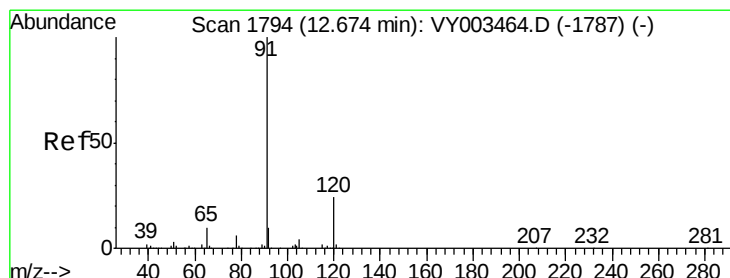
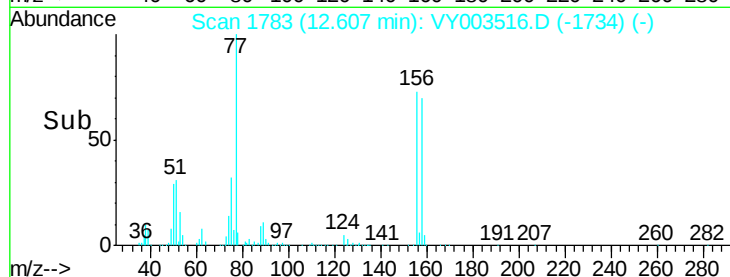
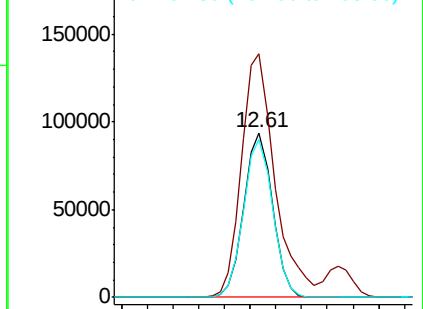
11/6/2020 9:27:03 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.418 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003516.D

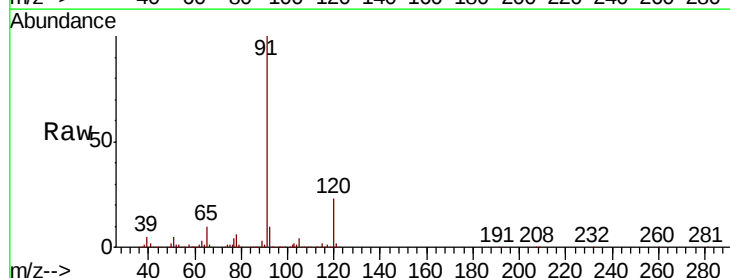
Acq: 05 Nov 2020 10:31

Tgt Ion: 91 Resp: 680300

Ion Ratio Lower Upper

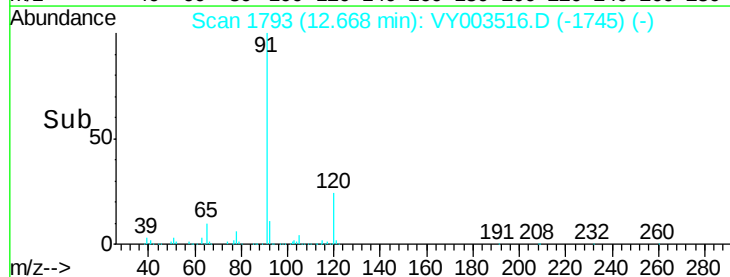
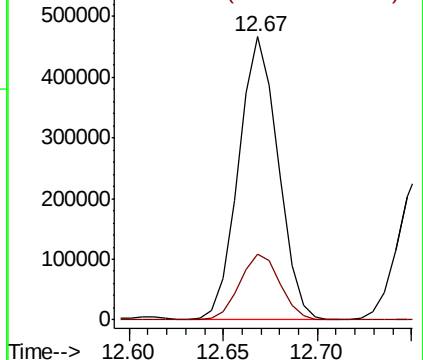
91 100

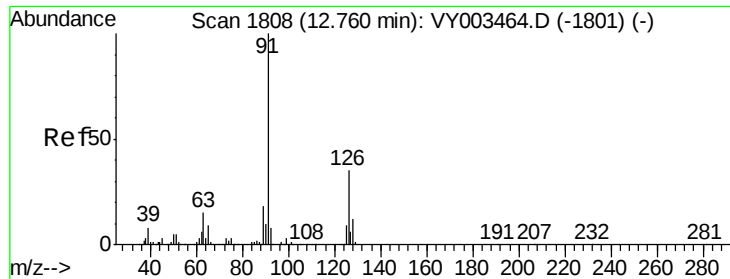
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





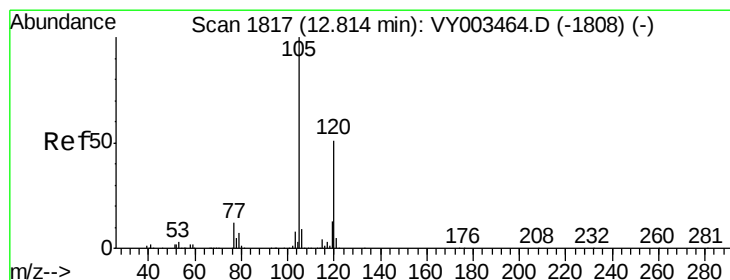
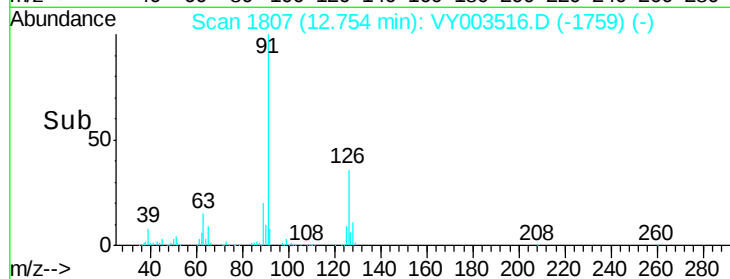
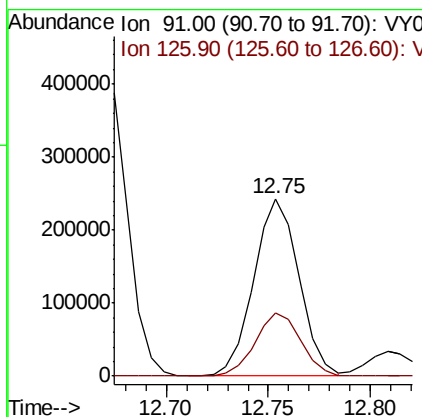
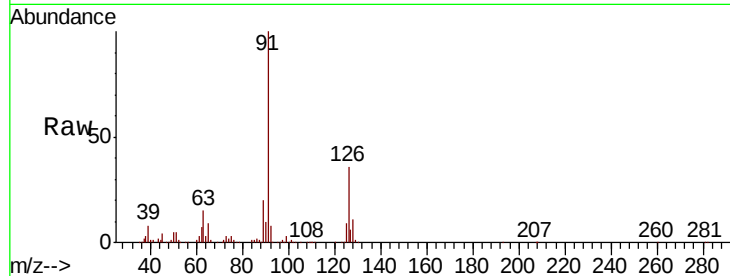
#79
2-Chlorotoluene
Concen: 48.704 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 374592
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3

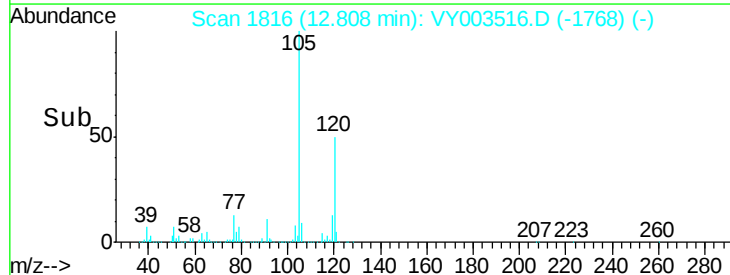
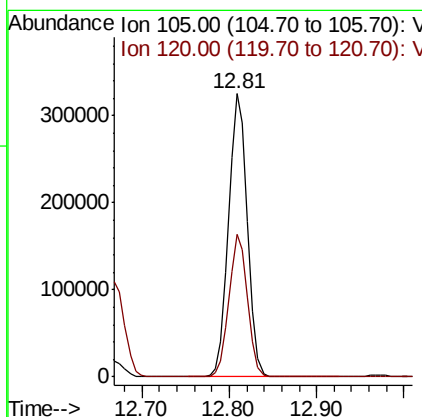
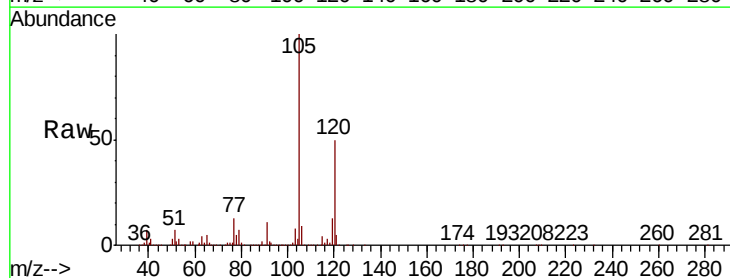
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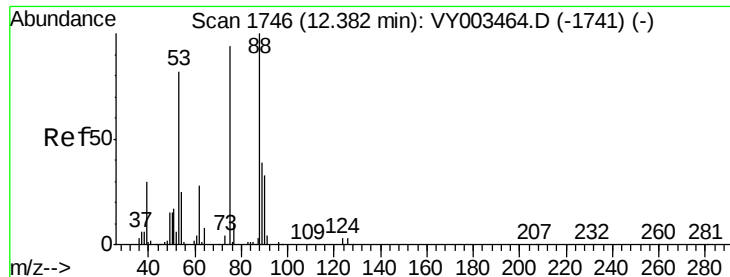
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#80
1,3,5-Trimethylbenzene
Concen: 49.959 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 105 Resp: 483775
Ion Ratio Lower Upper
105 100
120 49.8 25.3 75.9





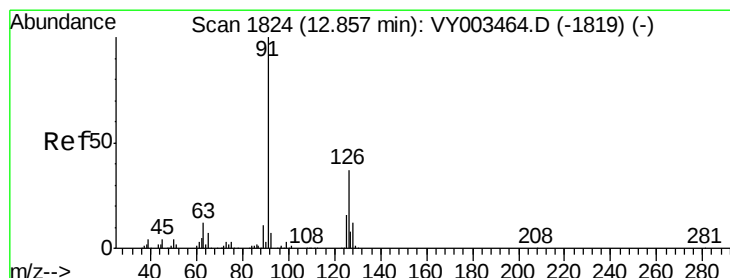
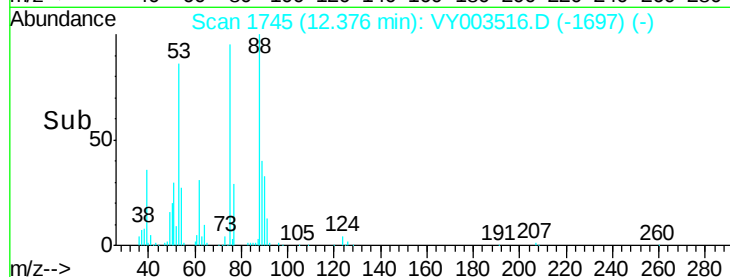
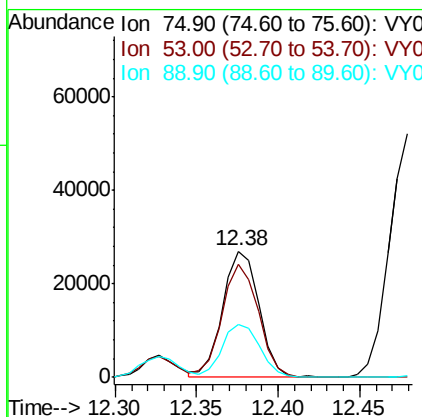
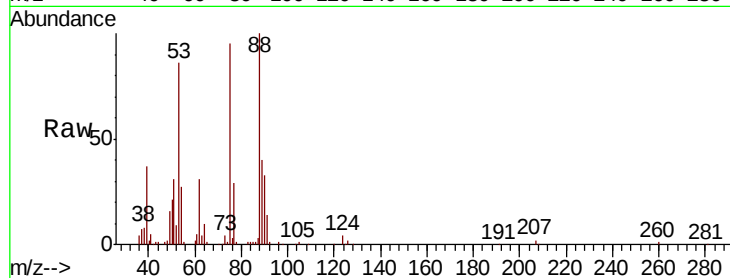
#81
trans-1,4-Dichloro-2-butene
Concen: 45.670 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	74.7	112.1
89	43.7	35.8	53.8

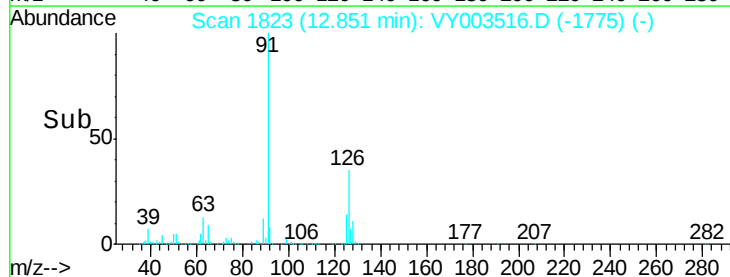
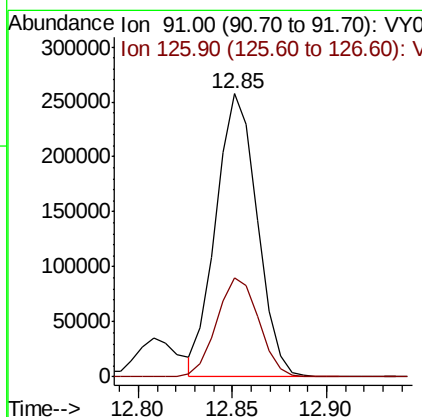
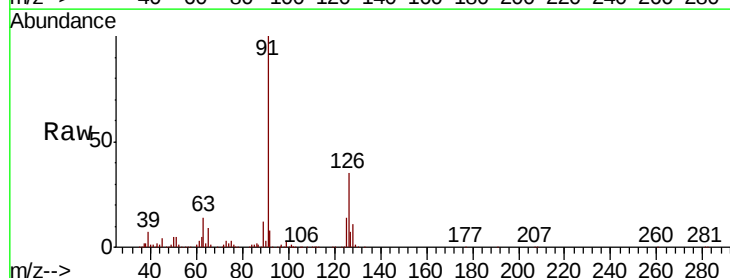
Manual Integrations
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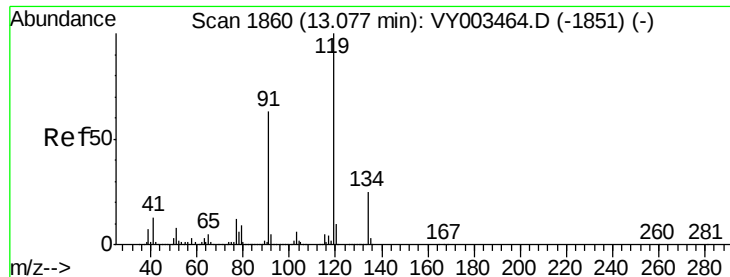
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#82
4-Chlorotoluene
Concen: 48.740 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.8





#83

tert-Butylbenzene

Concen: 48.541 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

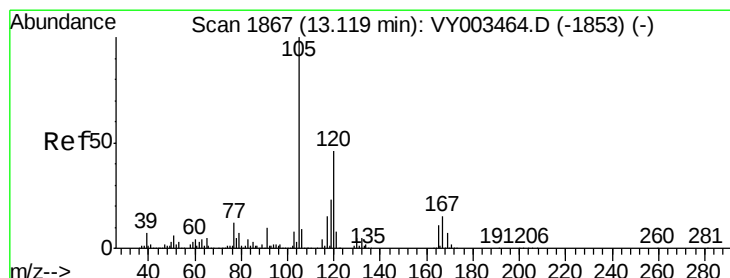
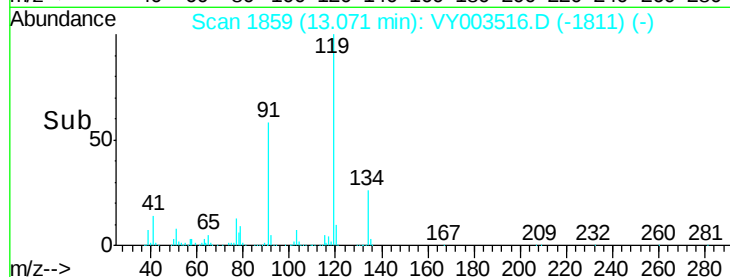
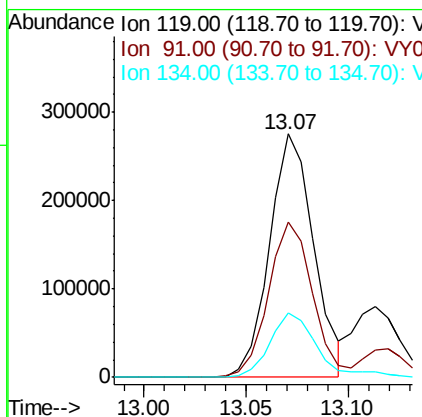
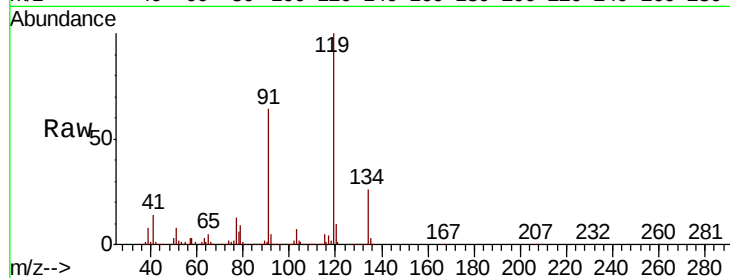
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	416885
Ion Ratio	Lower	Upper	
119	100		
91	63.8	31.1	93.2
134	28.1	13.4	40.1

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#84

1,2,4-Trimethylbenzene

Concen: 50.141 ug/l

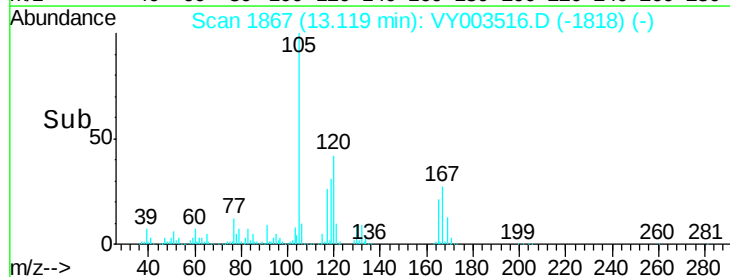
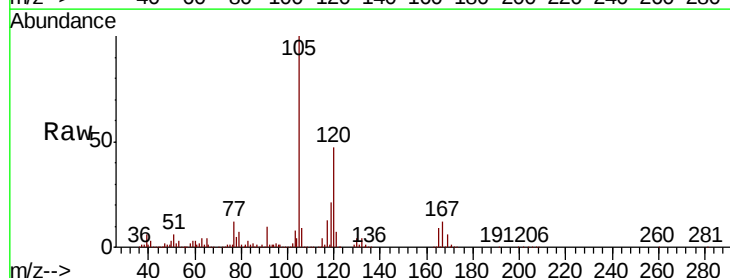
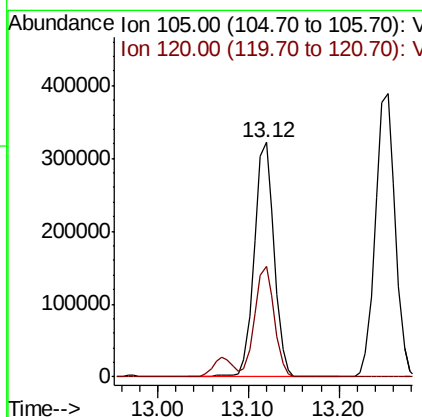
RT: 13.12 min Scan# 1867

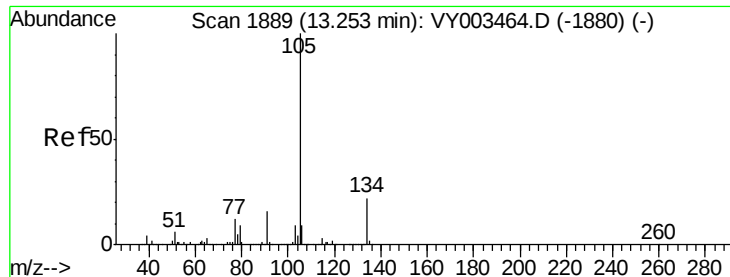
Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion:	105	Resp:	485268
Ion Ratio	Lower	Upper	
105	100		
120	46.6	22.9	68.8





#85

sec-Butylbenzene

Concen: 50.379 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 585841

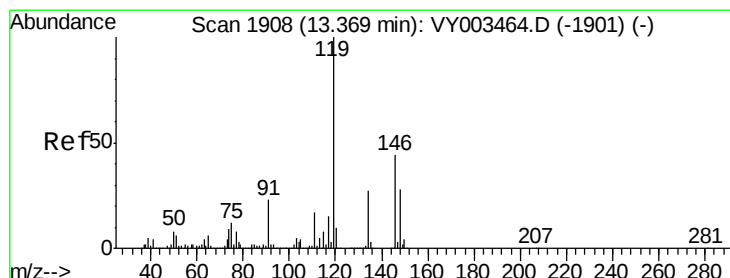
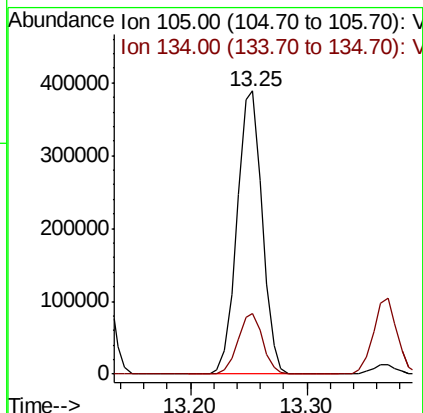
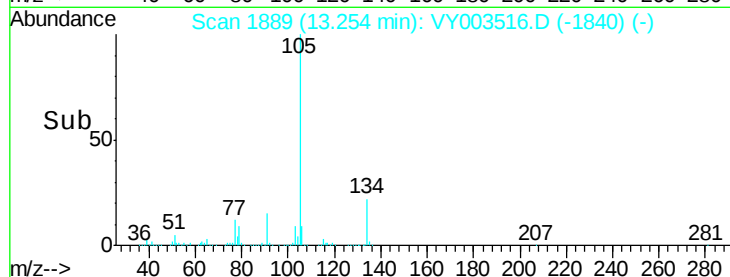
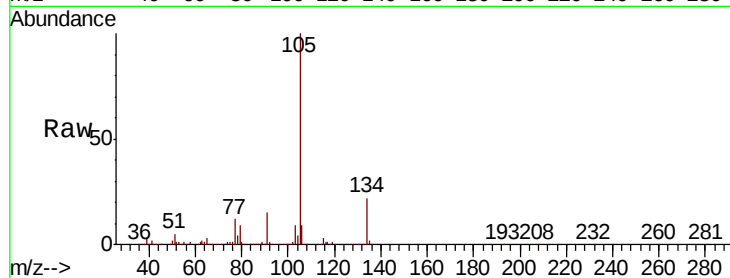
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.665 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

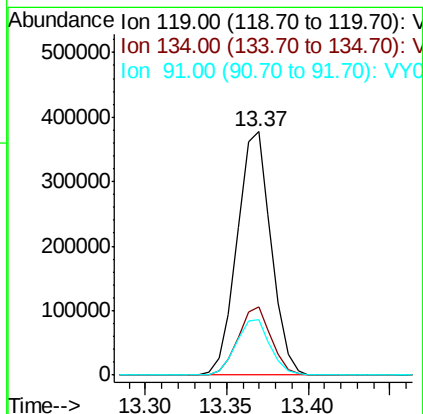
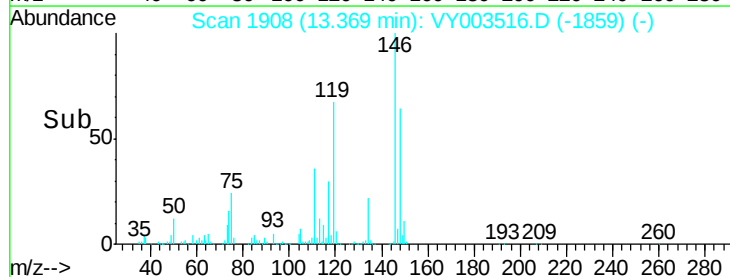
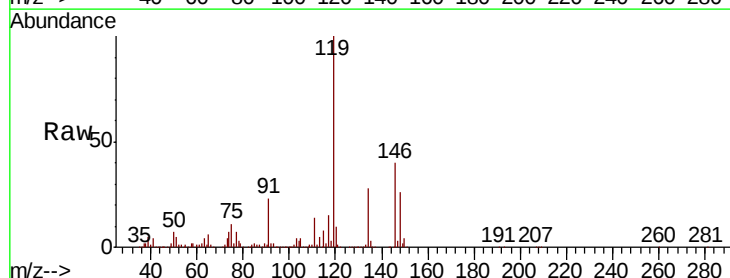
Tgt Ion:119 Resp: 546398

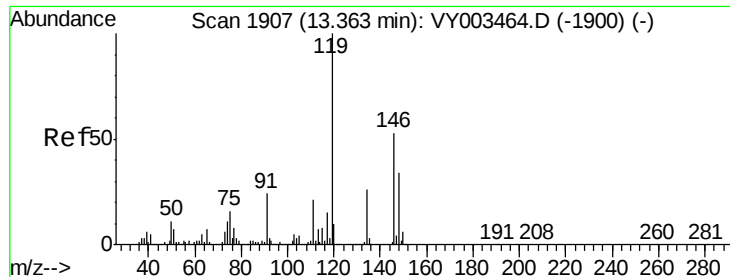
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.9 11.4 34.2





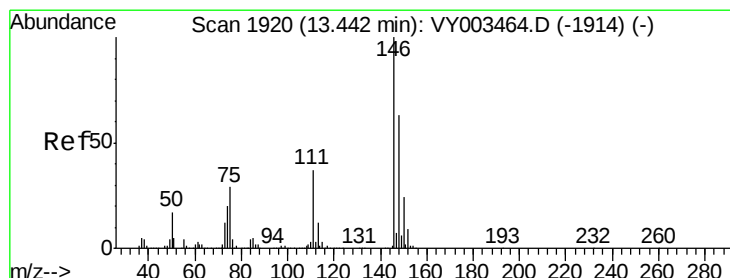
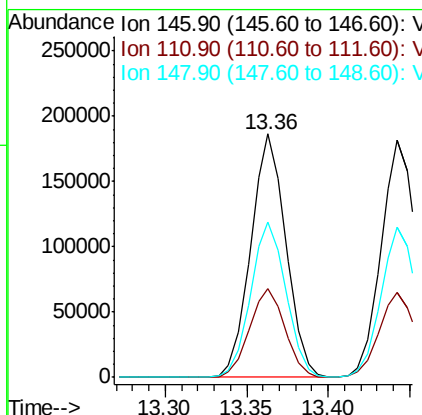
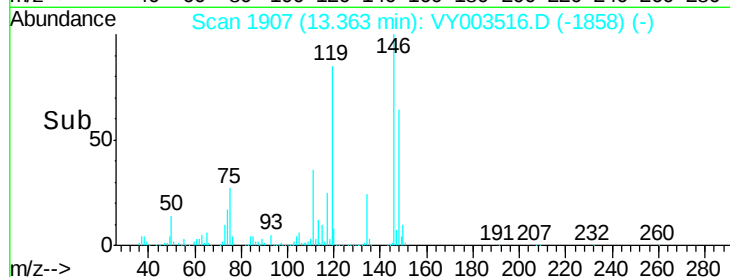
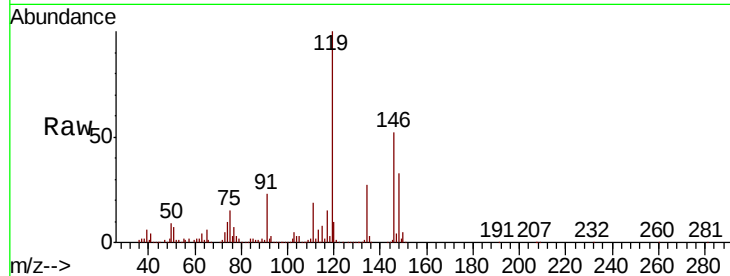
#87
 1,3-Dichlorobenzene
 Concen: 50.361 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.1
148	64.1	32.4	97.0

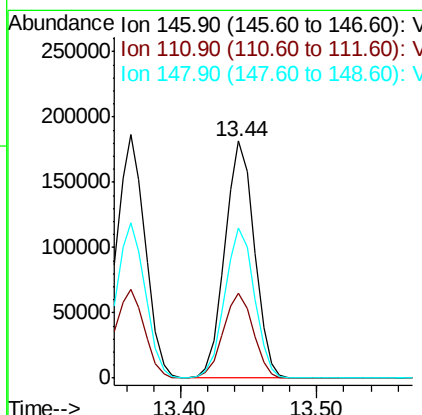
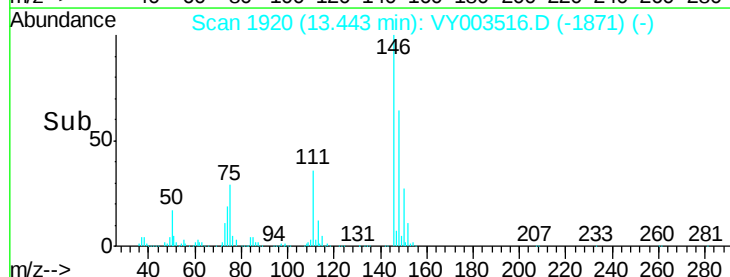
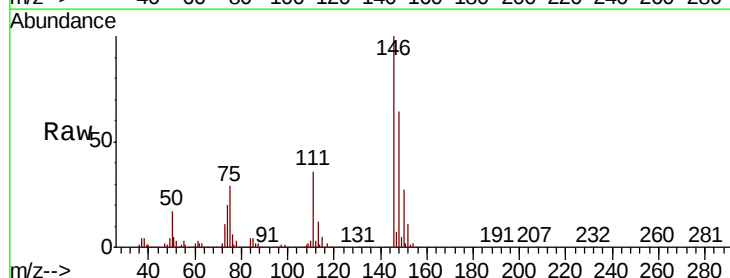
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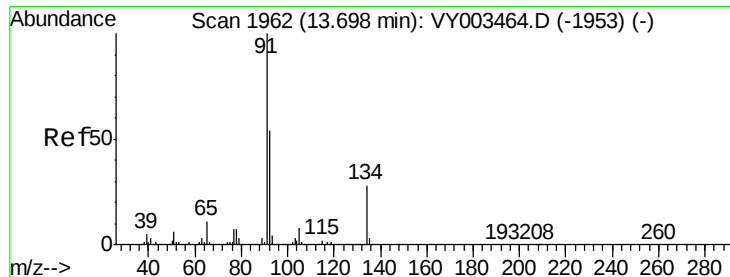
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#88
 1,4-Dichlorobenzene
 Concen: 49.767 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.8
148	63.6	32.0	96.0





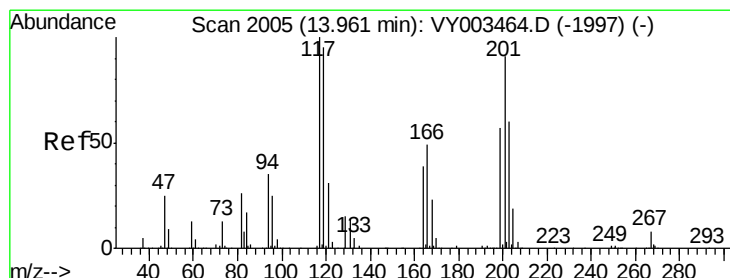
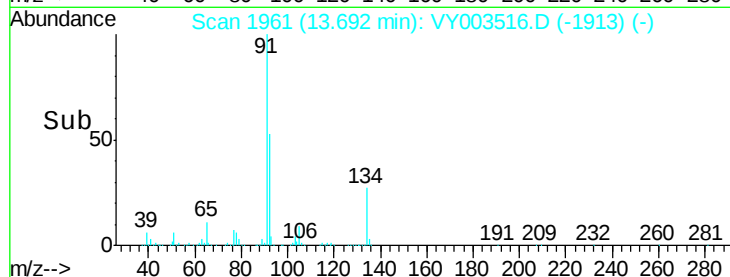
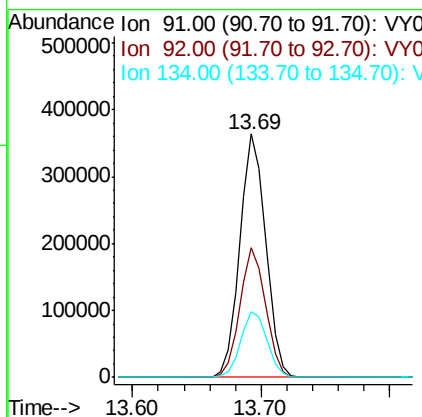
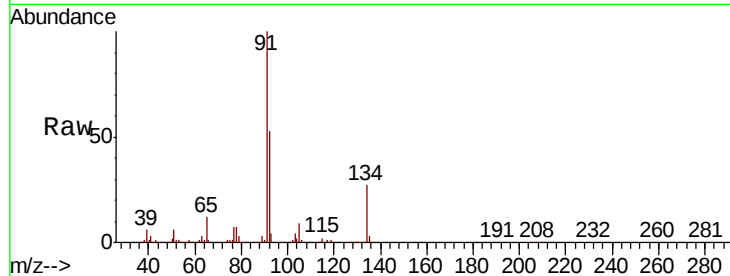
#89
n-Butylbenzene
Concen: 51.244 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	91	100	504774		
92	92	52.9		26.7	80.1
134	134	27.4		13.8	41.3

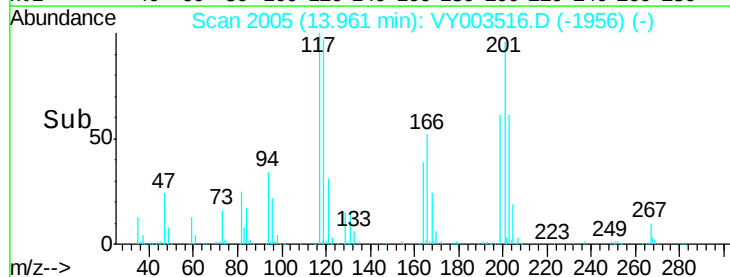
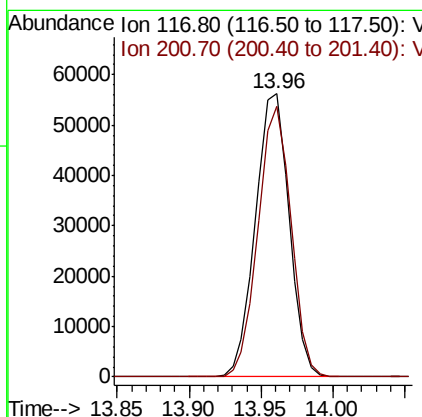
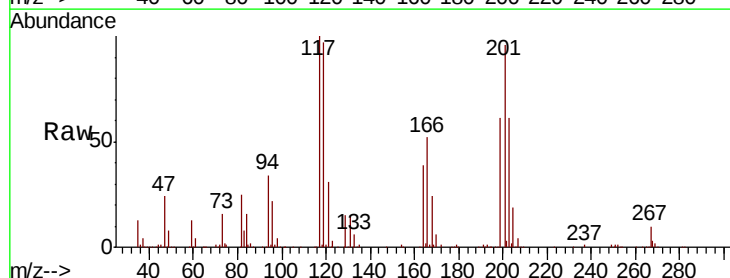
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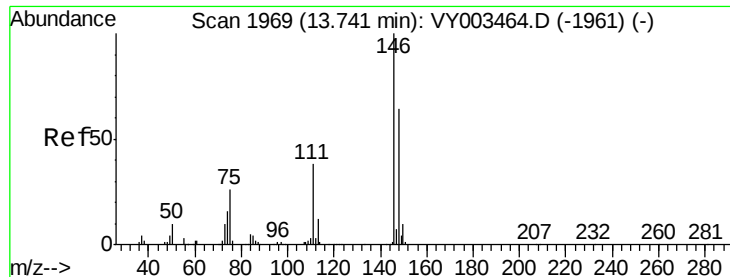
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#90
Hexachloroethane
Concen: 50.147 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	91017		
201	201	93.3		46.6	139.8





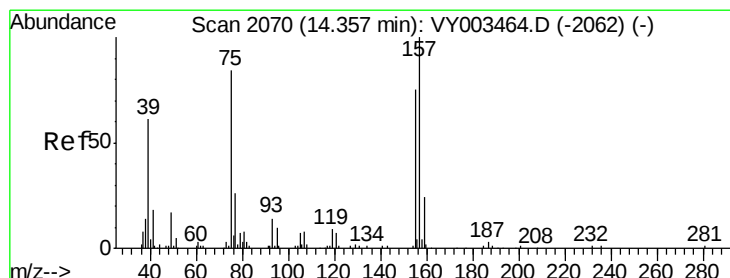
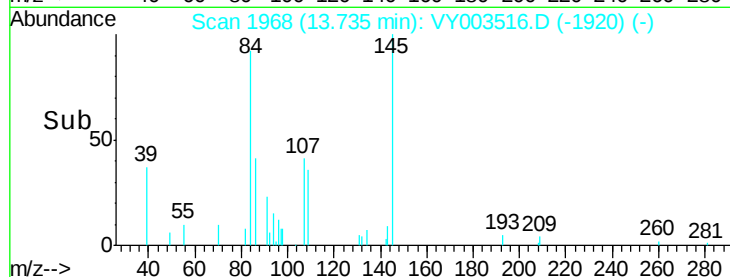
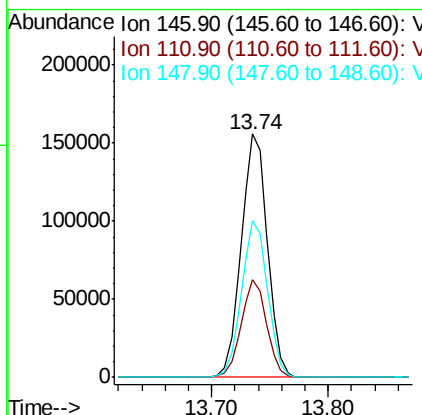
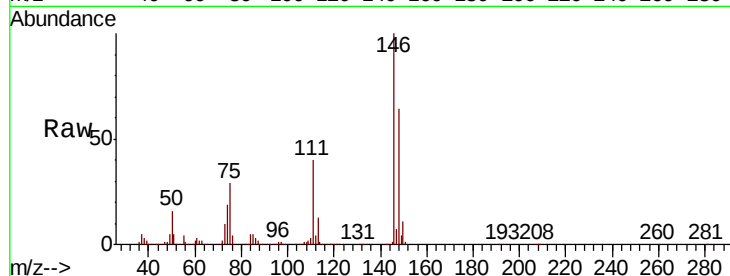
#91
 1,2-Dichlorobenzene
 Concen: 49.748 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.8
148	64.2	32.3	96.8

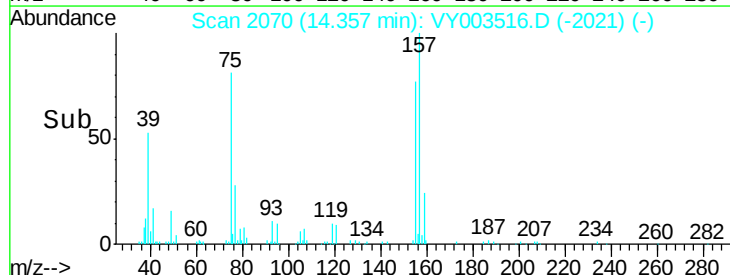
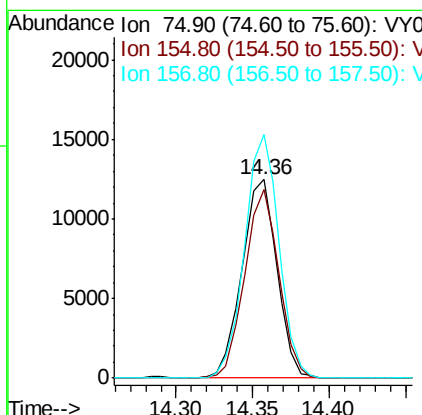
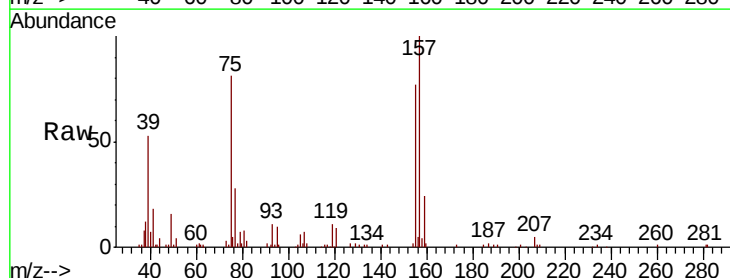
Manual Integrations
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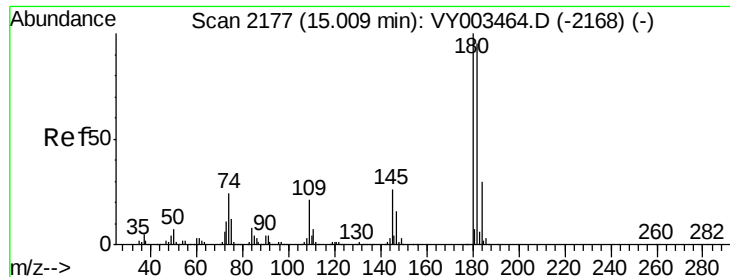
MMDadoda
 11/6/2020 9:27:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.051 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	45.6	136.7
157	119.5	60.3	180.8





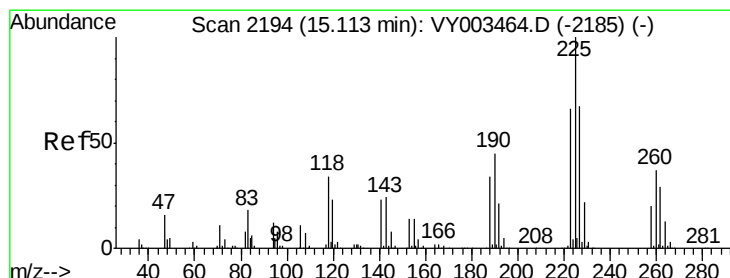
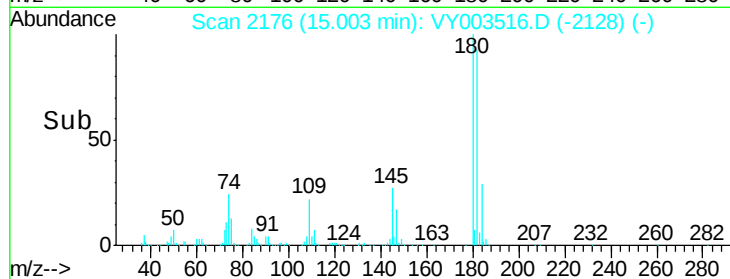
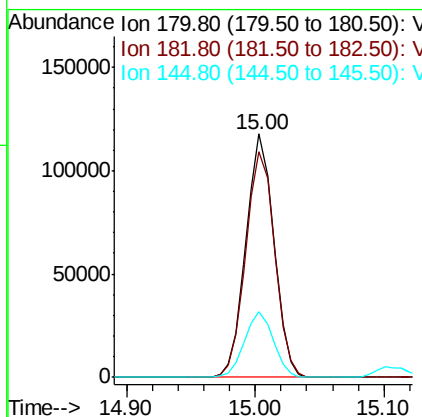
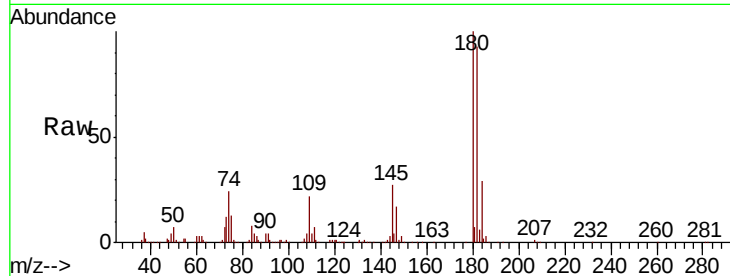
#93
 1,2,4-Trichlorobenzene
 Concen: 51.034 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	177391		
182	95.3	48.1	144.3	
145	27.5	13.8	41.3	

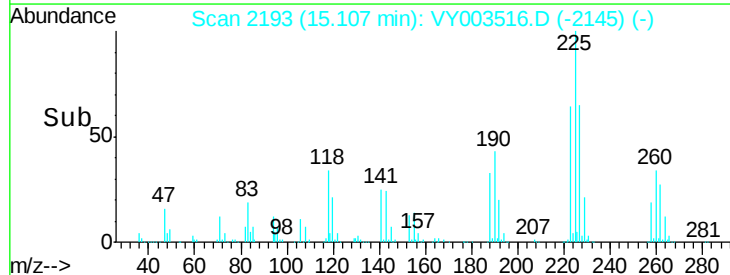
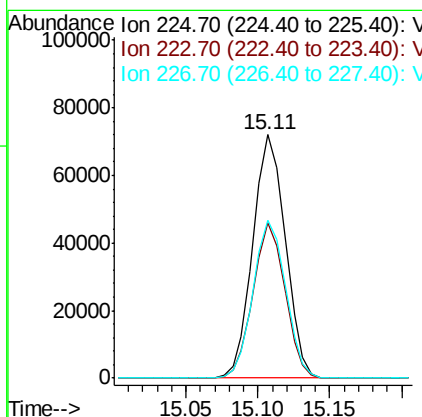
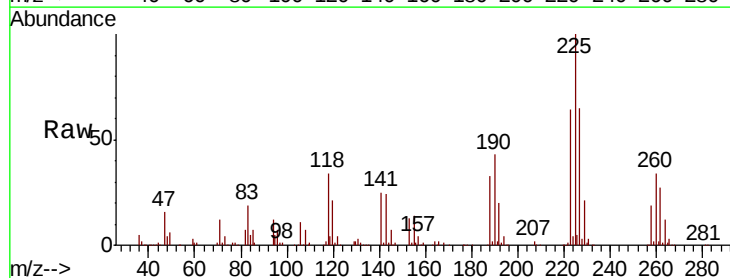
Manual Integrations
 APPROVED

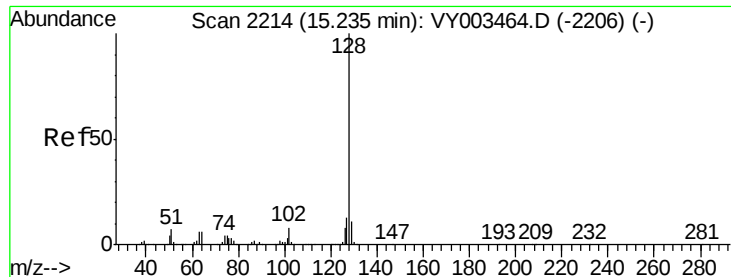
MMDadoda
 11/6/2020 9:27:03 AM



#94
 Hexachlorobutadiene
 Concen: 50.314 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112504		
223	62.7	32.1	96.3	
227	65.1	32.4	97.2	





#95

Naphthalene

Concen: 47.874 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

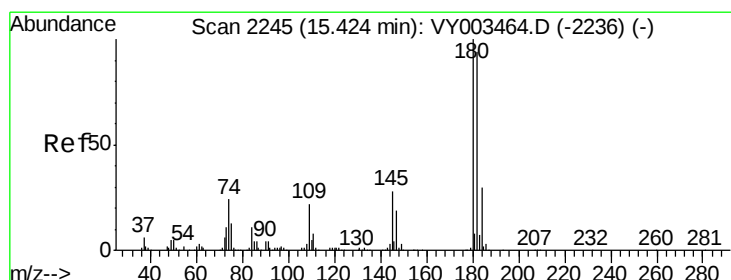
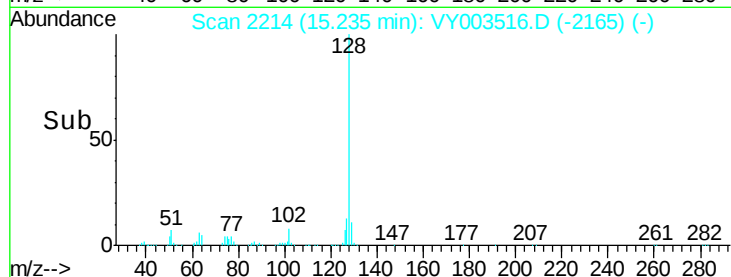
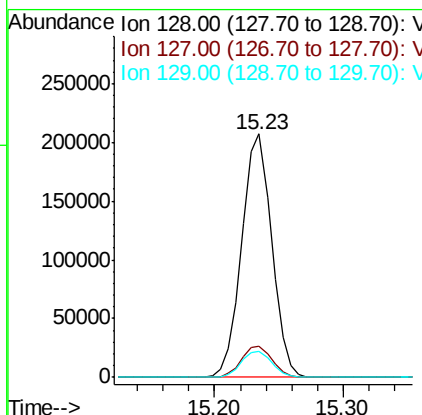
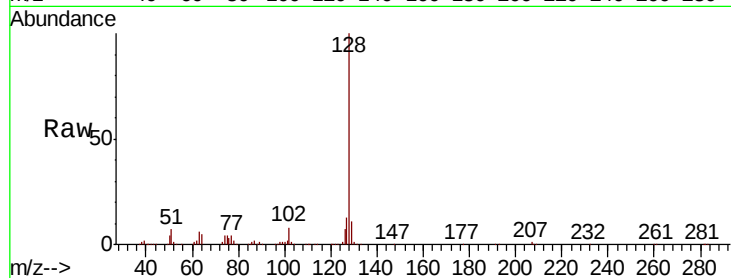
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	333227
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.549 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion:	180	Resp:	158050
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.7
145	29.2	14.4	43.2

