

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002528.D
 Acq On : 04 May 2020 10:07
 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
 5/5/2020 11:28:57 AM

Quant Time: May 04 14:46:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	389094	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	572929	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	511851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264071	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	162255	49.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.20%	
35) Dibromofluoromethane	7.72	113	162570	49.62	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.24%	
50) Toluene-d8	10.18	98	636933	49.78	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.49	95	213301	49.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	181390	56.190	ug/l	99
3) Chloromethane	2.12	50	185816	58.945	ug/l	99
4) Vinyl Chloride	2.26	62	212757	58.449	ug/l	99
5) Bromomethane	2.65	94	133499	53.182	ug/l	99
6) Chloroethane	2.80	64	115903	53.326	ug/l	99
7) Trichlorofluoromethane	3.13	101	303985	53.884	ug/l	99
8) Diethyl Ether	3.54	74	102609	54.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	184379	53.475	ug/l	99
10) Methyl Iodide	4.10	142	248327	52.865	ug/l	100
11) Tert butyl alcohol	4.96	59	84650	251.494	ug/l	99
12) 1,1-Dichloroethene	3.88	96	182275	54.418	ug/l	99
13) Acrolein	3.74	56	77056	331.065	ug/l	98
14) Allyl chloride	4.49	41	267040	54.718	ug/l	99
15) Acrylonitrile	5.18	53	246664	275.900	ug/l	100
16) Acetone	3.96	43	200950	297.624	ug/l	98
17) Carbon Disulfide	4.20	76	566423	56.211	ug/l	100
18) Methyl Acetate	4.49	43	120636	53.475	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	475292	54.388	ug/l	97
20) Methylene Chloride	4.72	84	192217	50.909	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	198825	54.310	ug/l	97
22) Diisopropyl ether	6.13	45	528439	53.515	ug/l	98
23) Vinyl Acetate	6.07	43	1707399	274.937	ug/l	99
24) 1,1-Dichloroethane	6.03	63	310323	53.121	ug/l	100
25) 2-Butanone	6.99	43	297663	269.322	ug/l	96
26) 2,2-Dichloropropane	6.99	77	290753	52.361	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	214352	52.916	ug/l	100
28) Bromochloromethane	7.35	49	129116	53.944	ug/l	99
29) Tetrahydrofuran	7.35	42	203282	277.997	ug/l	99
30) Chloroform	7.52	83	320678	52.794	ug/l	99
31) Cyclohexane	7.79	56	301696	51.306	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	299218	52.999	ug/l	100
36) 1,1-Dichloropropene	7.92	75	258841	53.892	ug/l	100
37) Ethyl Acetate	7.08	43	137763	55.817	ug/l	99
38) Carbon Tetrachloride	7.91	117	282765	53.925	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342396	53.974	ug/l	99
40) Benzene	8.17	78	742477	53.524	ug/l	100
41) Methacrylonitrile	7.33	41	83167m	62.672	ug/l	
42) 1,2-Dichloroethane	8.24	62	206281	53.014	ug/l	99
43) Isopropyl Acetate	8.28	43	256244	55.380	ug/l	100
44) Trichloroethene	8.94	130	233044	53.757	ug/l	96
45) 1,2-Dichloropropane	9.22	63	177936	53.148	ug/l	100
46) Dibromomethane	9.31	93	104327	54.161	ug/l	99
47) Bromodichloromethane	9.50	83	252701	53.953	ug/l	100
48) Methyl methacrylate	9.30	41	116089	55.438	ug/l	99
49) 1,4-Dioxane	9.30	88	29224	1145.850	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	665909	279.215	ug/l	100
52) Toluene	10.25	92	471364	52.873	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	270186	55.057	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	306785	54.076	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	151611	53.973	ug/l	100
56) Ethyl methacrylate	10.51	69	206332	55.215	ug/l	99
57) 1,3-Dichloropropane	10.79	76	253354	53.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	548700	278.437	ug/l	99
59) 2-Hexanone	10.83	43	459752	280.085	ug/l	100
60) Dibromochloromethane	10.99	129	192703	53.938	ug/l	100
61) 1,2-Dibromoethane	11.09	107	149787	53.853	ug/l	99
64) Tetrachloroethene	10.72	164	253628	55.770	ug/l	99
65) Chlorobenzene	11.52	112	520980	53.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	196803	54.487	ug/l	99
67) Ethyl Benzene	11.60	91	918429	53.735	ug/l	99
68) m/p-Xylenes	11.70	106	712999	107.814	ug/l	99
69) o-Xylene	12.03	106	335668	54.209	ug/l	99
70) Styrene	12.05	104	580720	54.860	ug/l	99
71) Bromoform	12.21	173	126998	56.650	ug/l #	100
73) Isopropylbenzene	12.33	105	907263	53.012	ug/l	100
74) N-amyl acetate	12.14	43	232811	56.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	144413	53.058	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	135807m	57.871	ug/l	
77) Bromobenzene	12.61	156	227301	53.159	ug/l	99
78) n-propylbenzene	12.67	91	1061774	53.461	ug/l	100
79) 2-Chlorotoluene	12.76	91	583296	53.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	762076	53.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66754	57.039	ug/l #	74
82) 4-Chlorotoluene	12.86	91	613511	53.089	ug/l	99
83) tert-Butylbenzene	13.08	119	680249	54.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	757796	53.598	ug/l	100
85) sec-Butylbenzene	13.25	105	923405	53.498	ug/l	100
86) p-Isopropyltoluene	13.38	119	867403	53.632	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	433177	53.527	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	425722	53.126	ug/l	99
89) n-Butylbenzene	13.70	91	790147	53.667	ug/l	100
90) Hexachloroethane	13.97	117	159833	54.267	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	383057	53.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28159	55.501	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	280485	53.500	ug/l	100
94) Hexachlorobutadiene	15.12	225	167368	53.184	ug/l	99
95) Naphthalene	15.24	128	525490	54.945	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	237556	53.376	ug/l	100

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

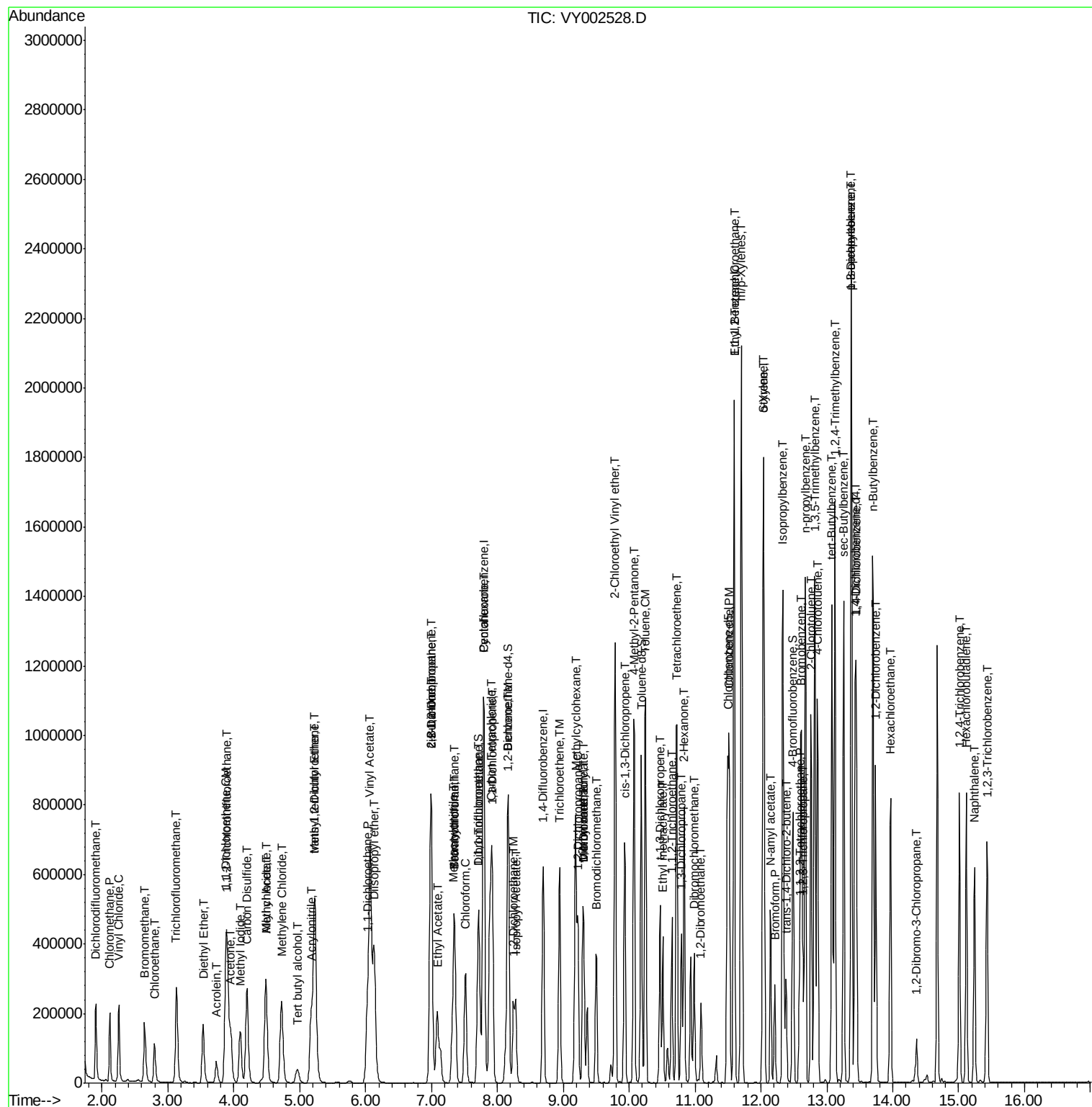
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
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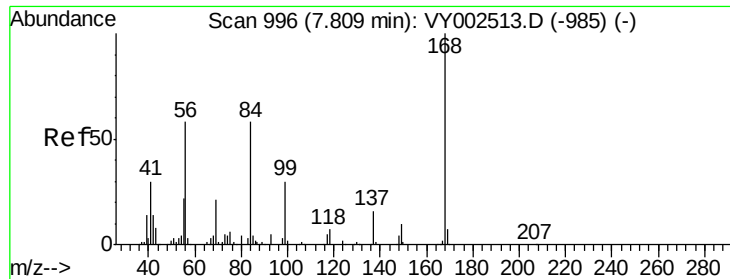
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 389094

Ion Ratio Lower Upper

168 100

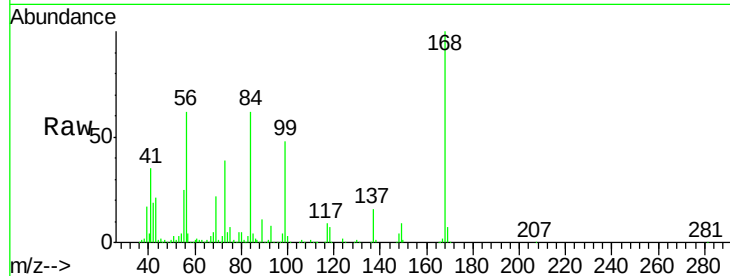
99 47.6 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

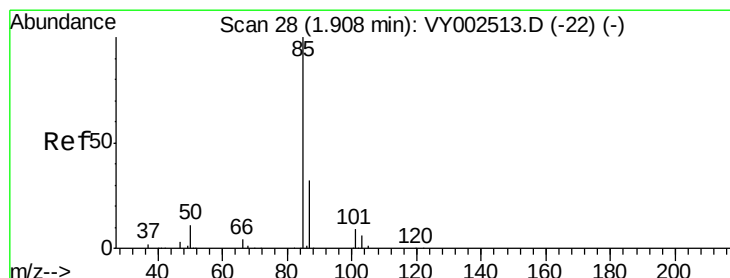
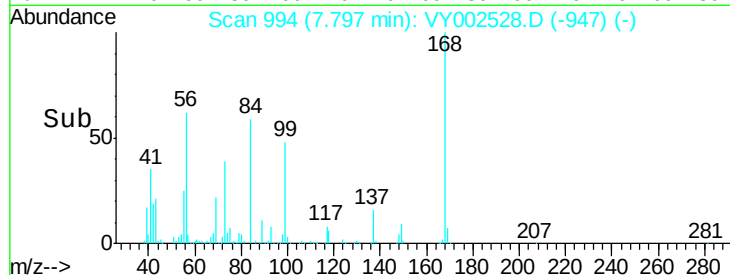
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.190 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002528.D

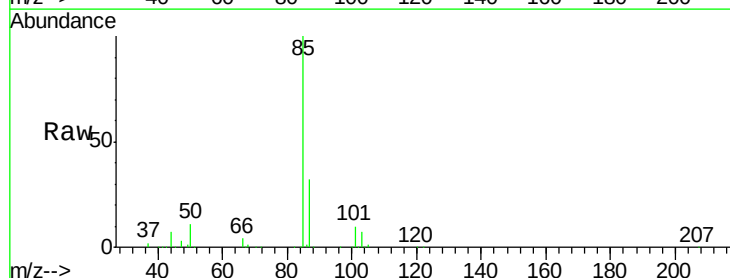
Acq: 04 May 2020 10:07

Tgt Ion: 85 Resp: 181390

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

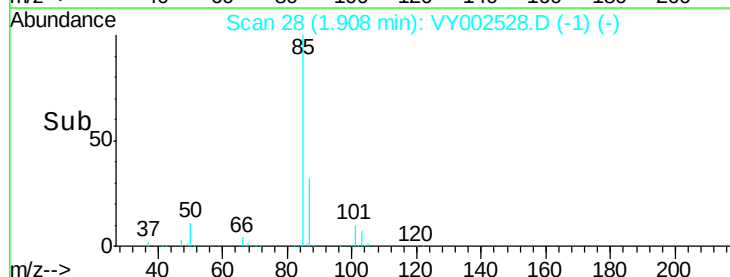
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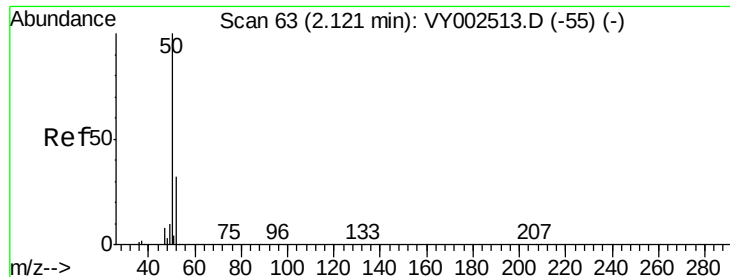
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50000

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Time-->





#3

Chloromethane

Concen: 58.945 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 185816

Ion Ratio Lower Upper

50 100

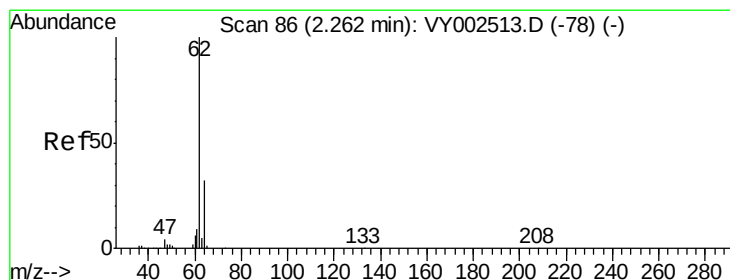
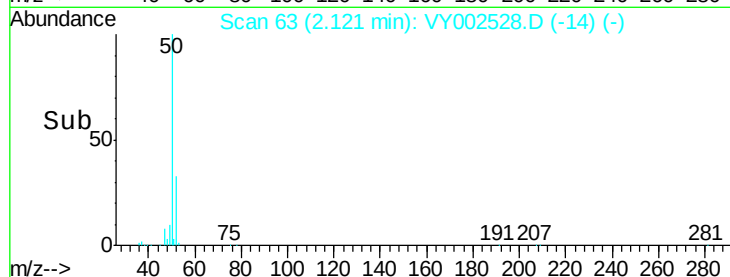
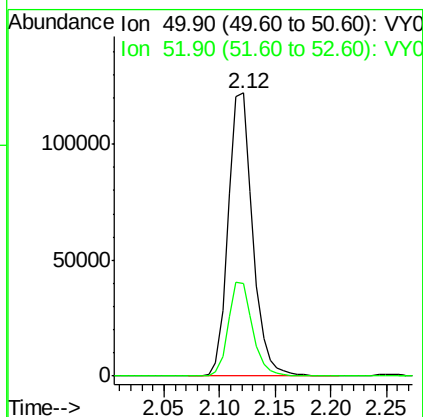
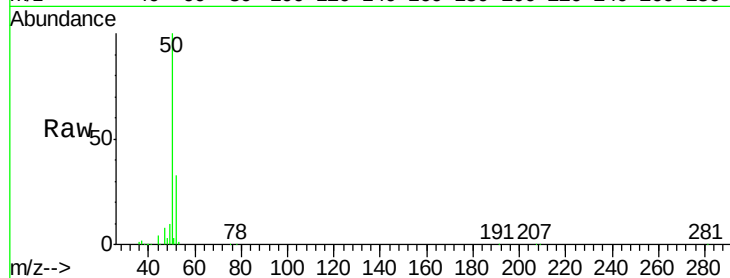
52 33.0 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 58.449 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002528.D

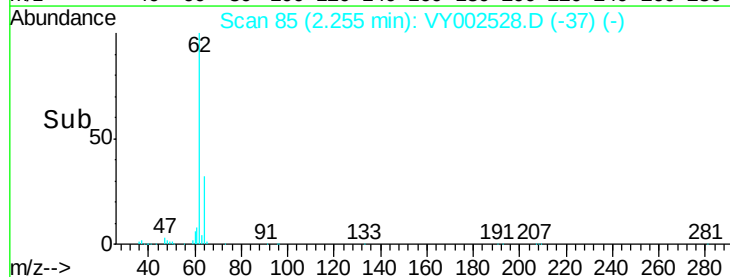
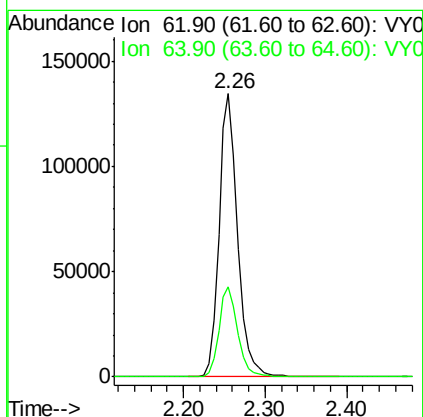
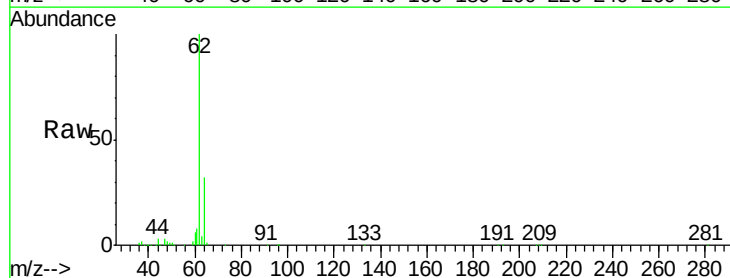
Acq: 04 May 2020 10:07

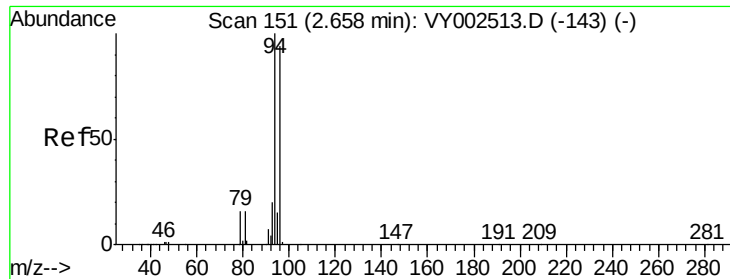
Tgt Ion: 62 Resp: 212757

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 53.182 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 133499

Ion Ratio Lower Upper

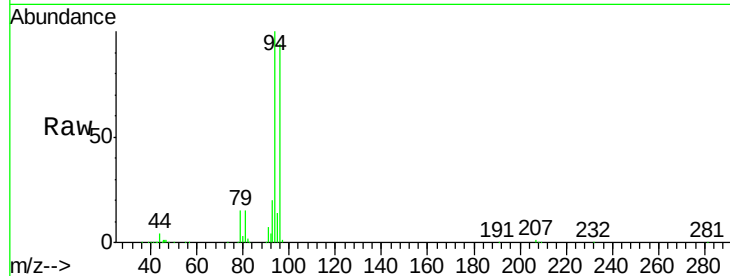
94 100

96 94.2 74.9 112.3

Manual Integrations
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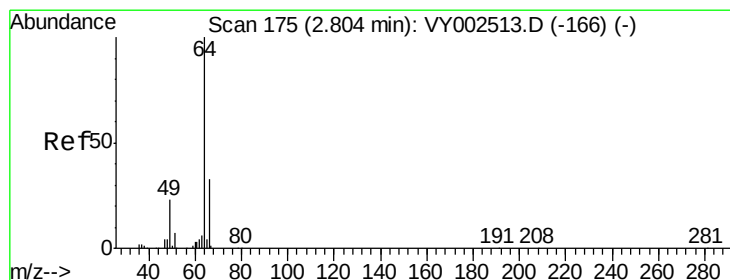
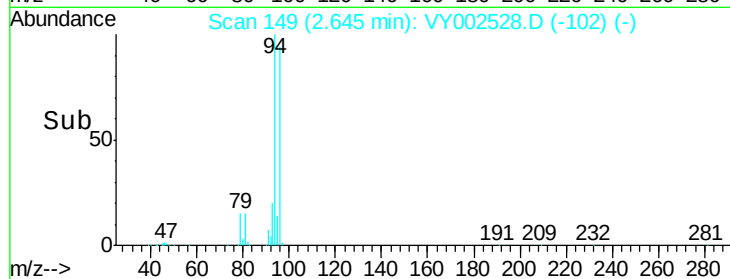
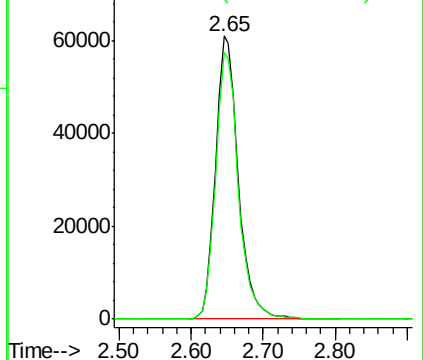
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.326 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002528.D

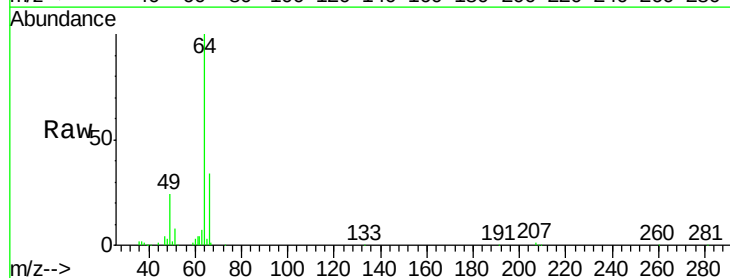
Acq: 04 May 2020 10:07

Tgt Ion: 64 Resp: 115903

Ion Ratio Lower Upper

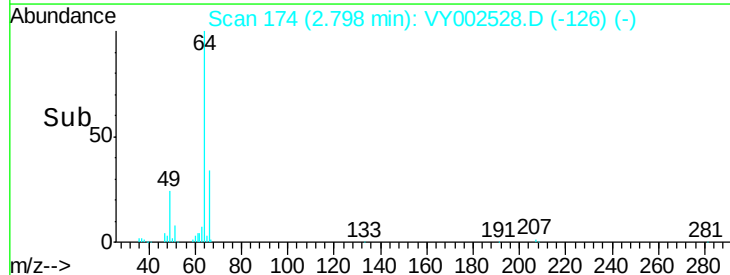
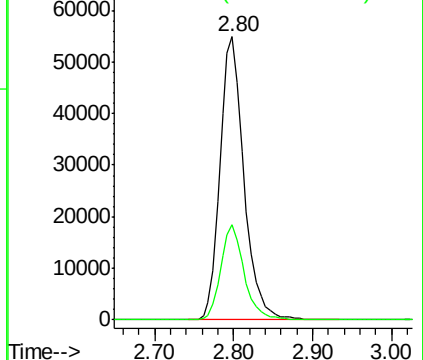
64 100

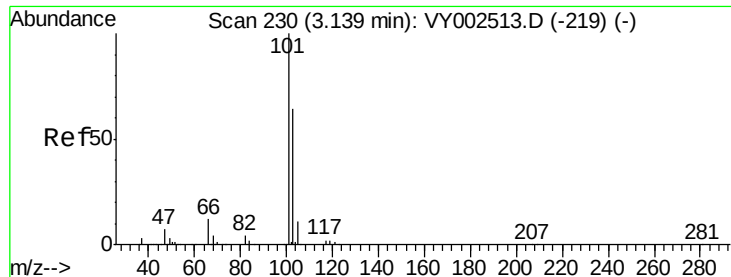
66 33.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

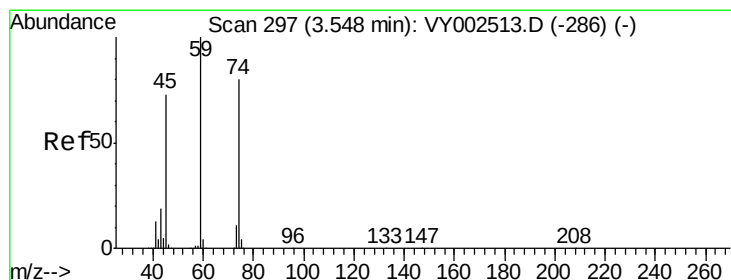
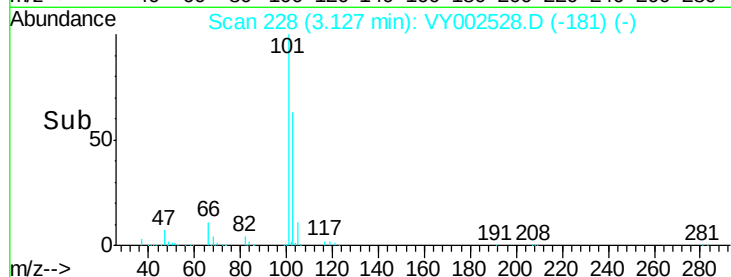
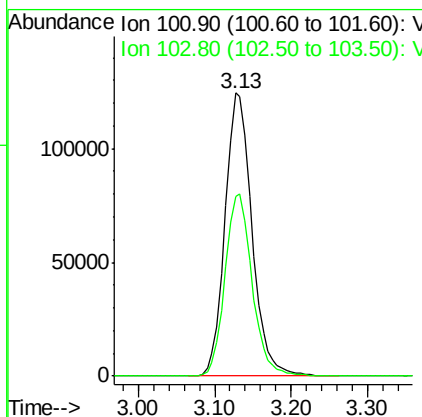
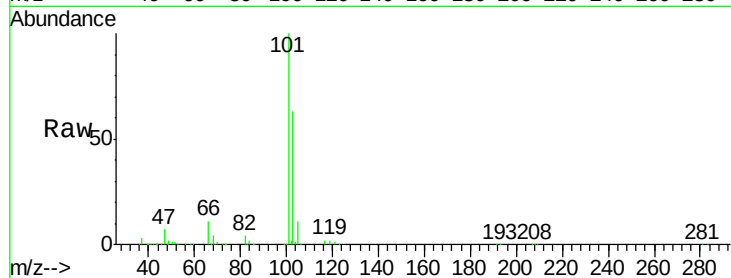
Trichlorofluoromethane
Concen: 53.884 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	303985		
103	63.2	51.4	77.0	

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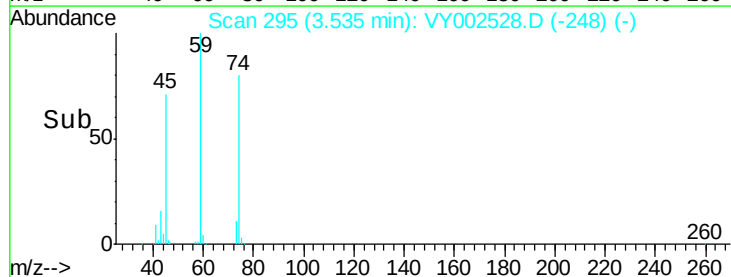
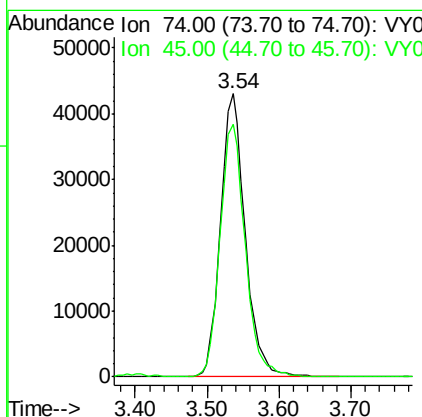
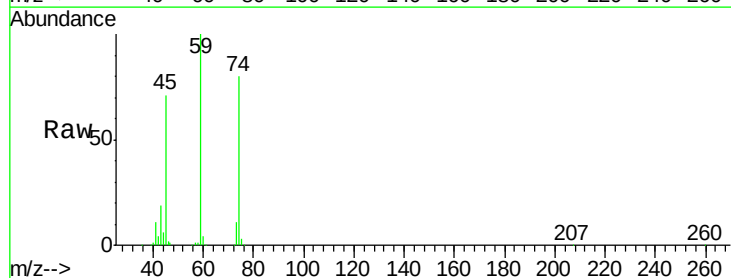
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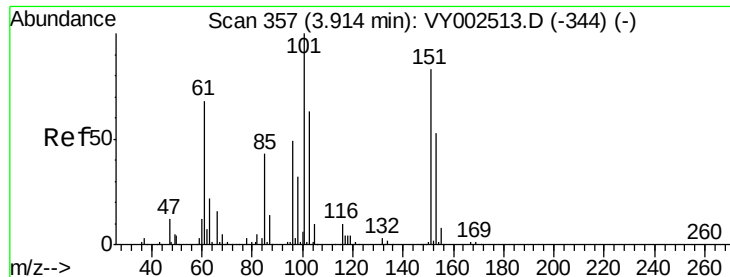


#8

Diethyl Ether
Concen: 54.124 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	102609		
45	91.5	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.475 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

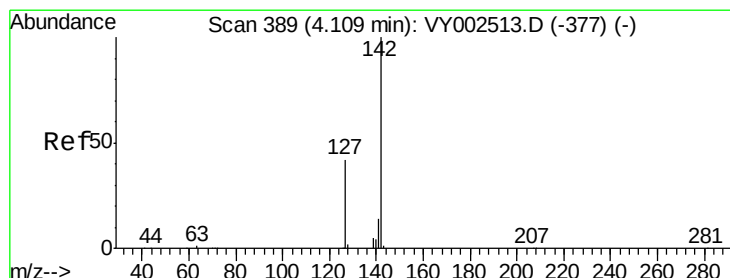
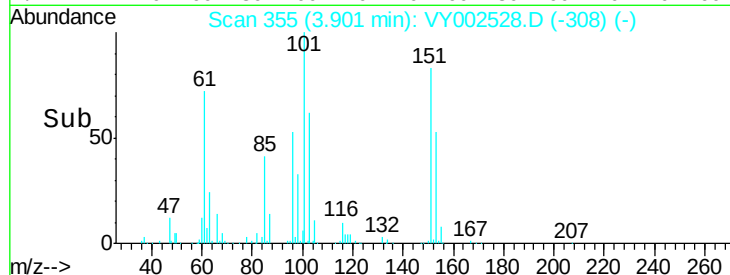
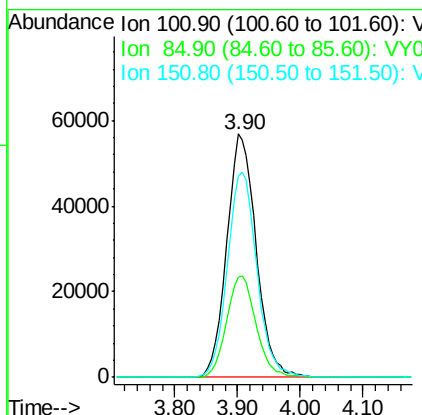
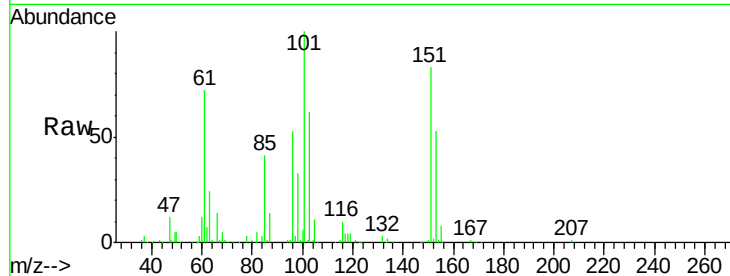
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	184379
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.4	50.2
151	84.8	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 52.865 ug/l

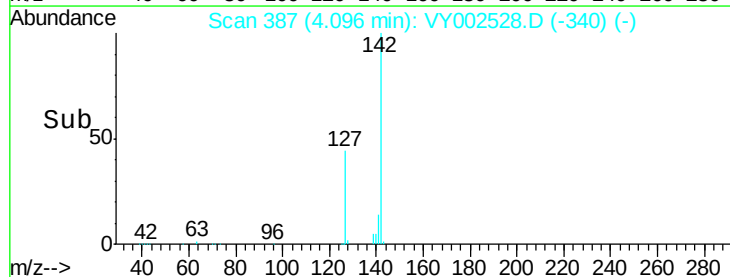
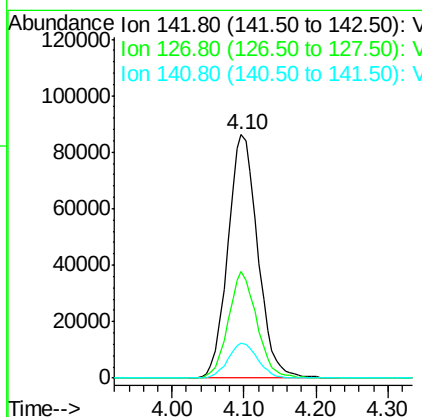
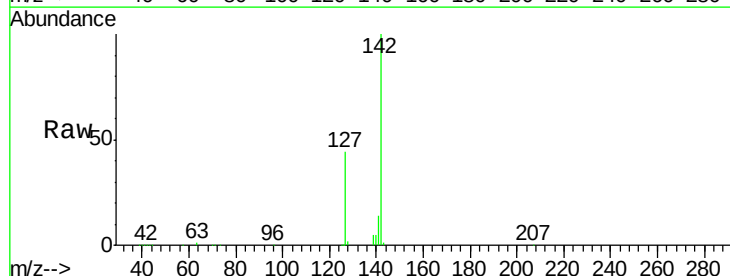
RT: 4.10 min Scan# 387

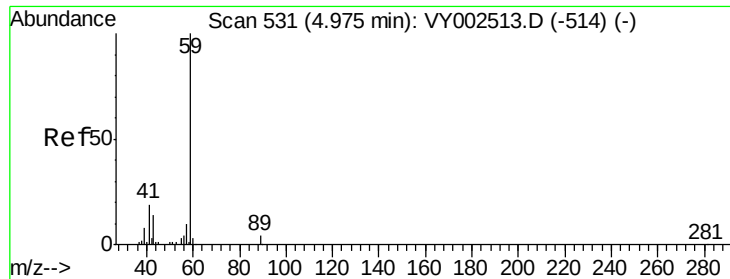
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	142	Resp:	248327
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.4	11.4	17.0





#11

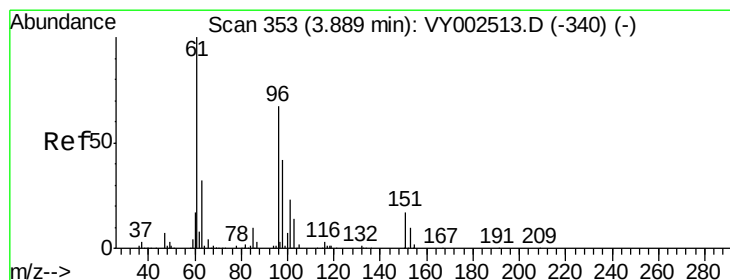
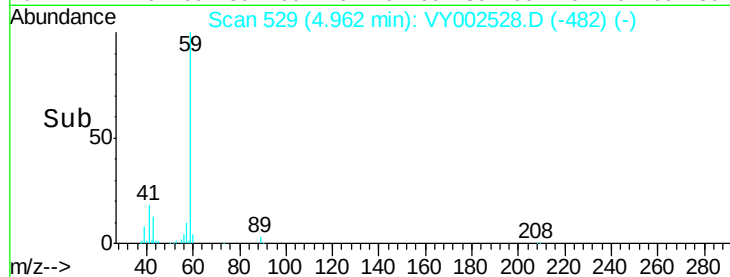
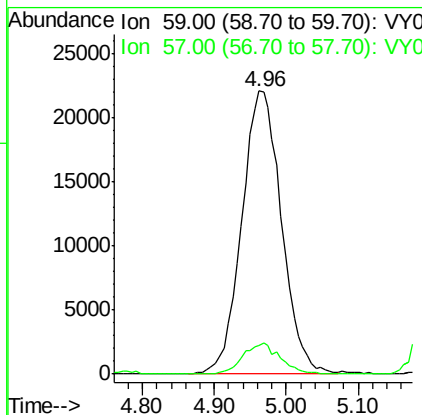
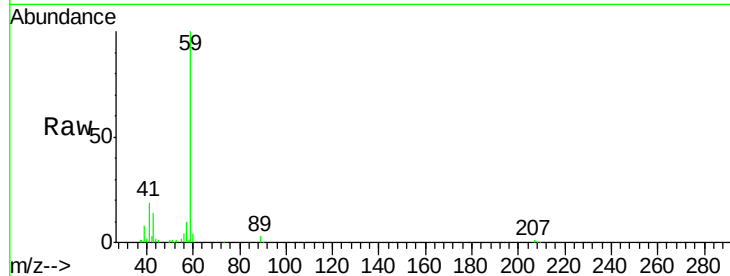
Tert butyl alcohol
Concen: 251.494 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.2		7.8	11.6

Manual Integrations
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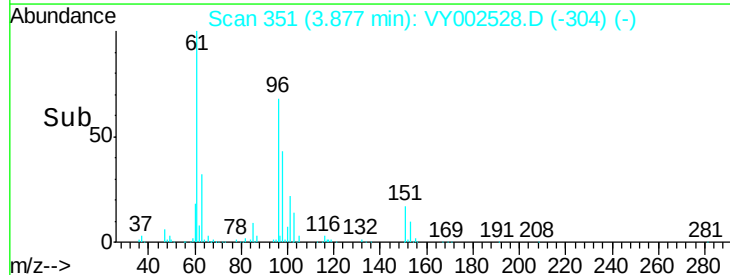
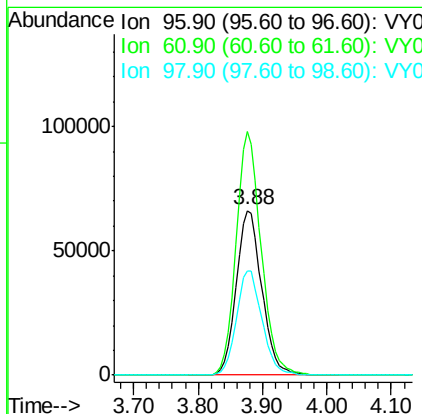
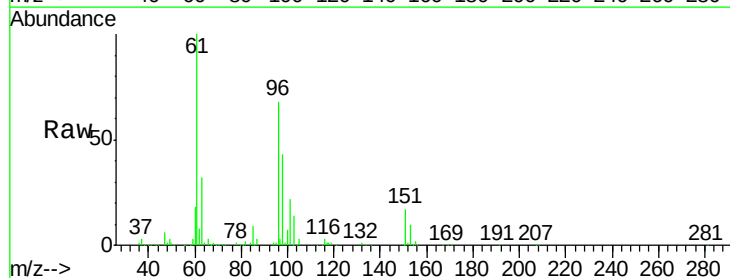
MMDadoda
5/5/2020 11:28:57 AM

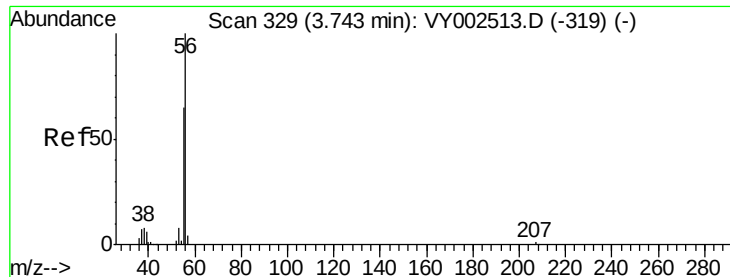


#12

1,1-Dichloroethene
Concen: 54.418 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	147.7		118.8	178.2
98	98	63.4		49.6	74.4





#13

Acrolein

Concen: 331.065 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 77056

Ion Ratio Lower Upper

56 100

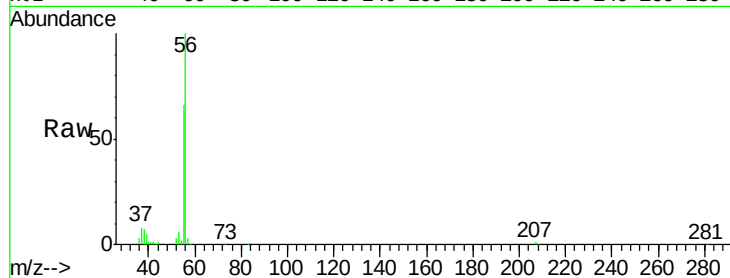
55 69.0 53.8 80.6

Manual Integrations

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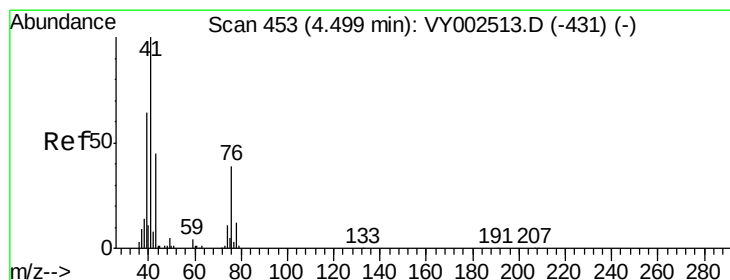
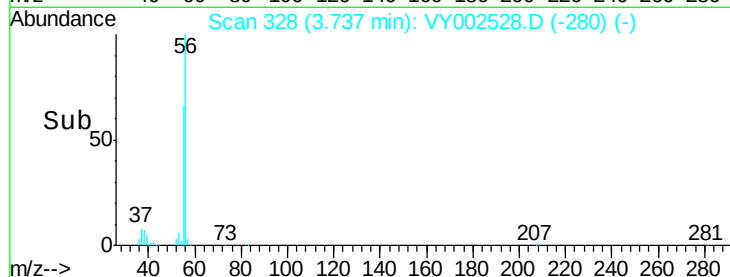
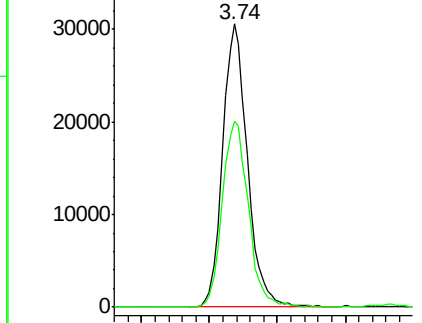
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 54.718 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

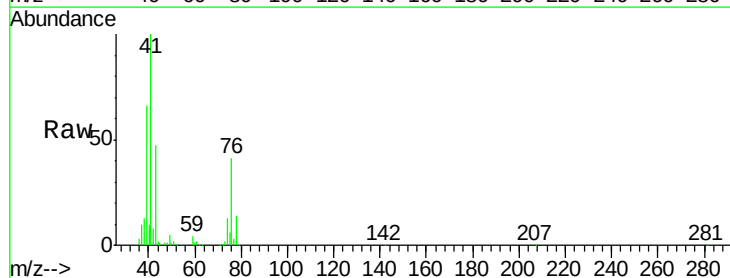
Tgt Ion: 41 Resp: 267040

Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.6

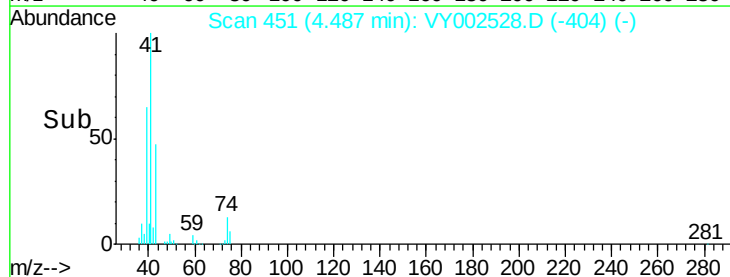
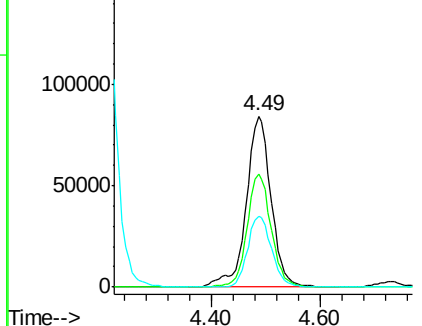
76 40.0 31.7 47.5

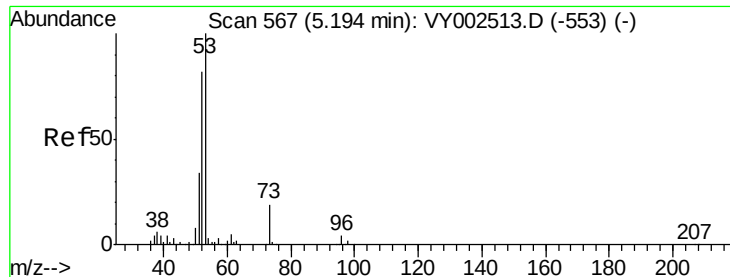


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 275.900 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

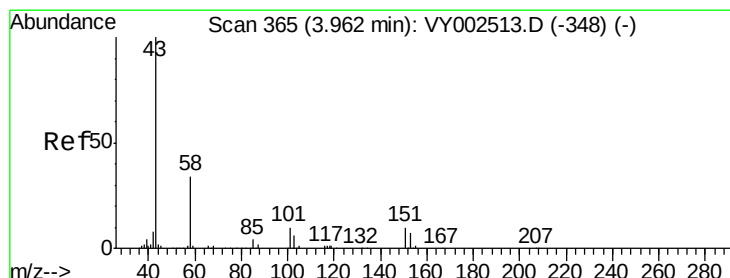
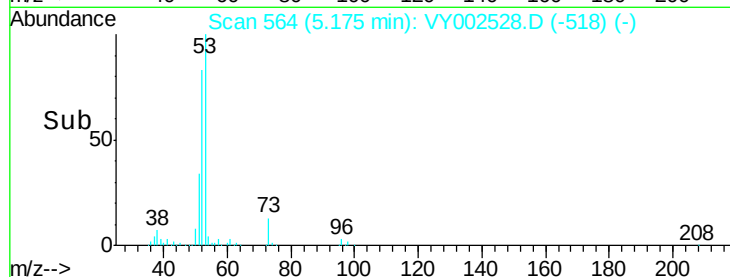
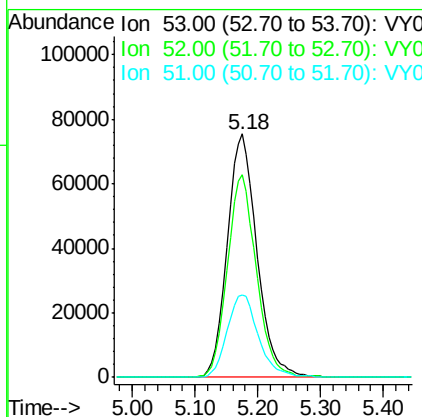
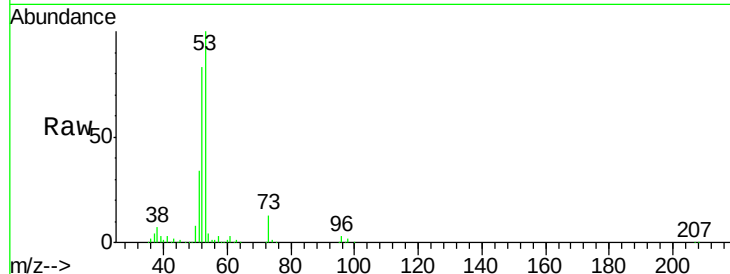
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	246664
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.4	98.0
51	35.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 297.624 ug/l

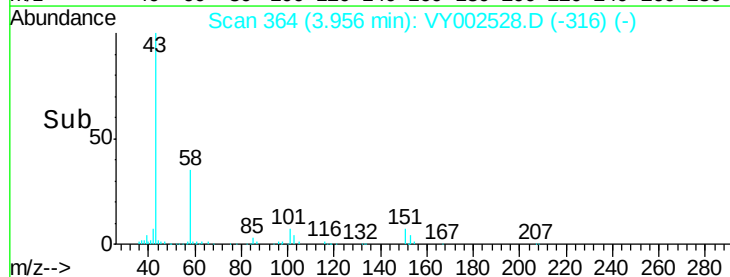
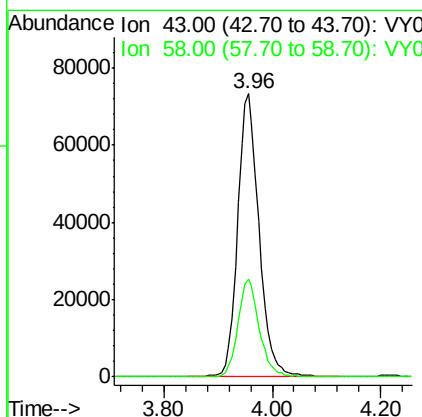
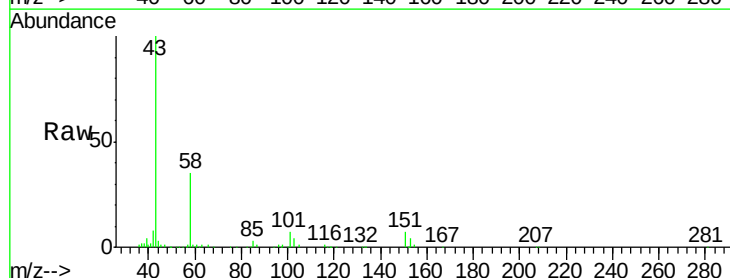
RT: 3.96 min Scan# 364

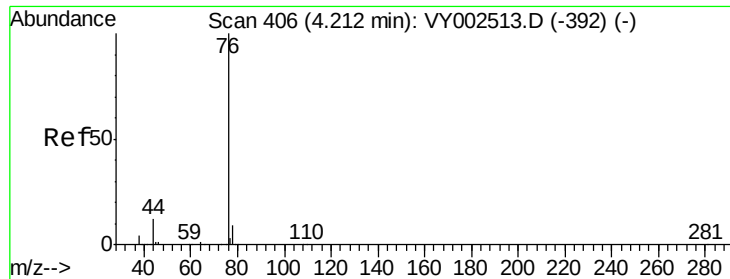
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	43	Resp:	200950
Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.9	40.3





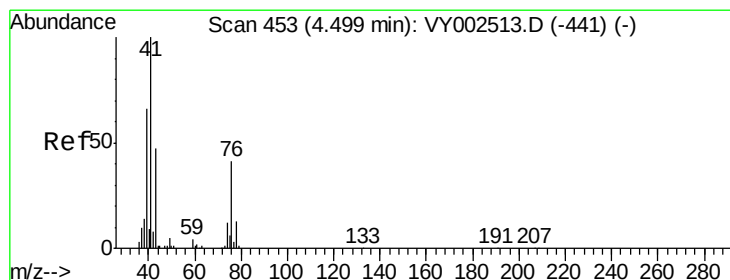
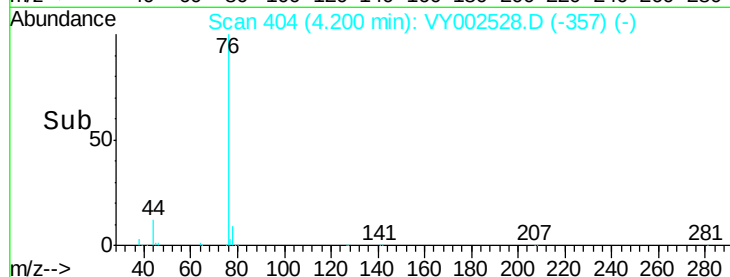
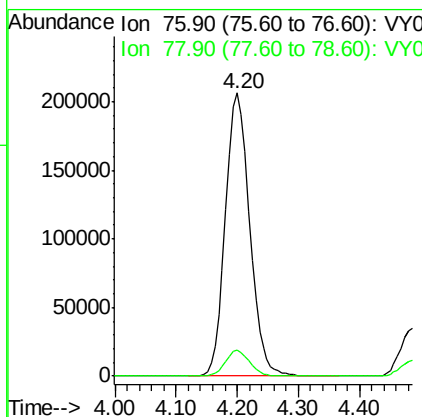
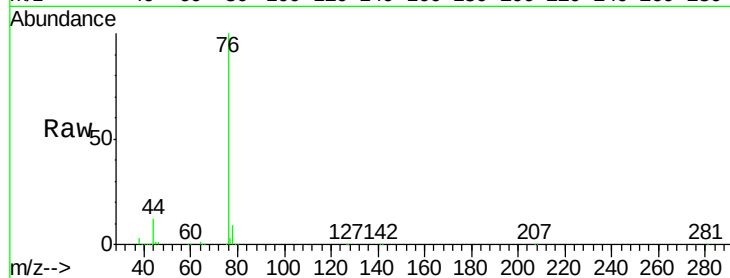
#17
Carbon Disulfide
Concen: 56.211 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

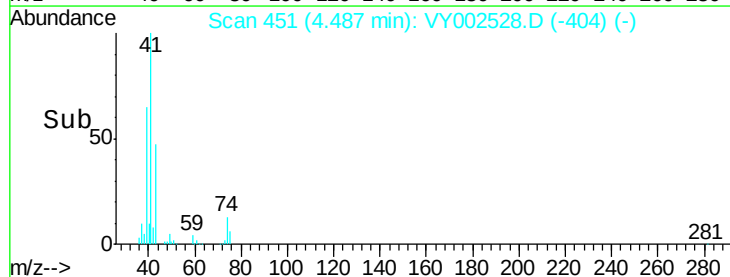
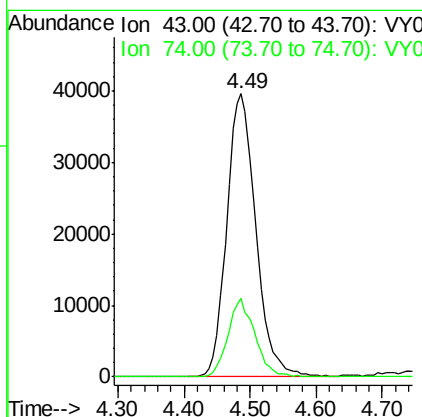
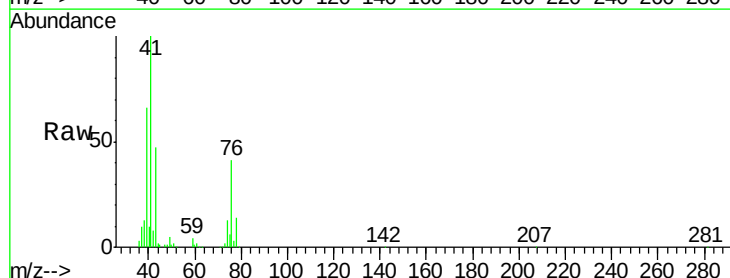
Manual Integrations
APPROVED

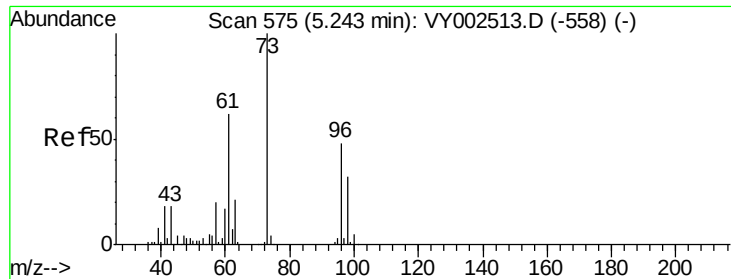
MMDadoda
5/5/2020 11:28:57 AM



#18
Methyl Acetate
Concen: 53.475 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.2	31.8





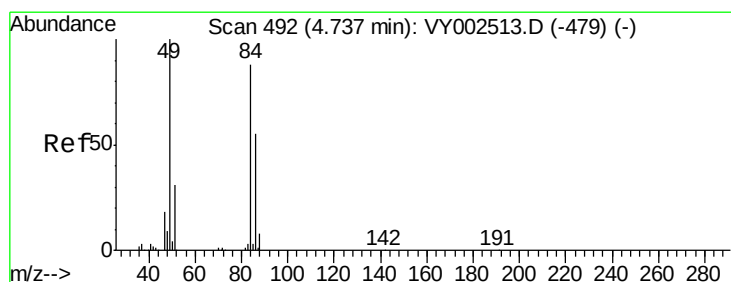
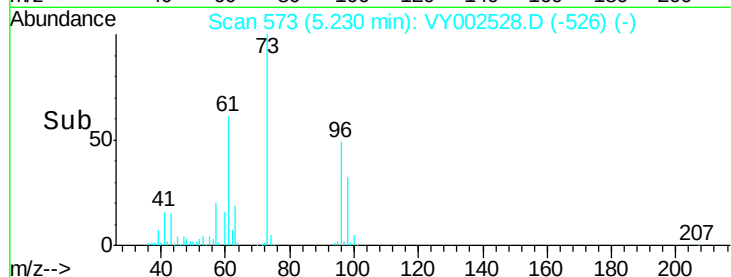
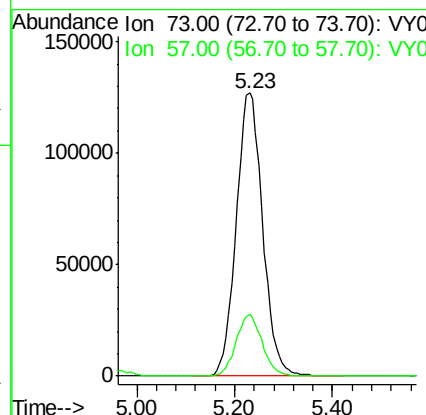
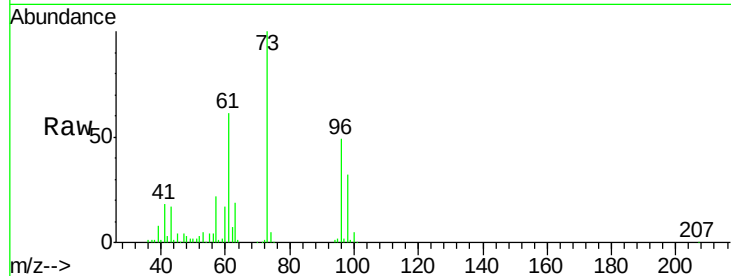
#19
Methyl tert-butyl Ether
Concen: 54.388 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 475292
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5

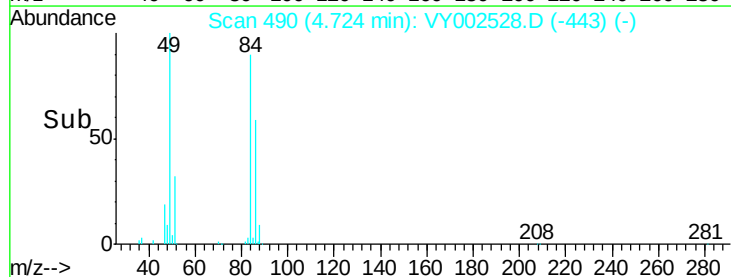
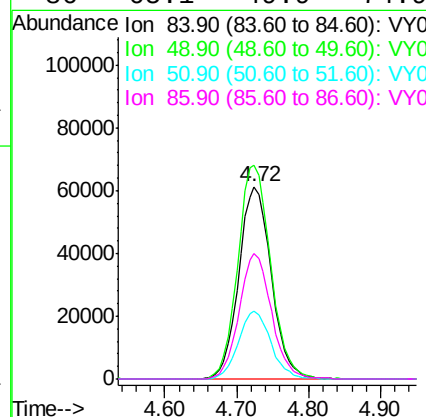
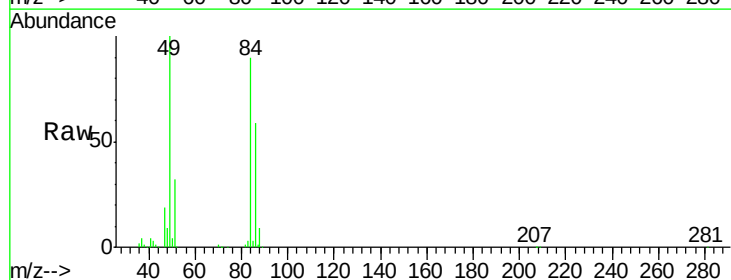
Manual Integrations
APPROVED

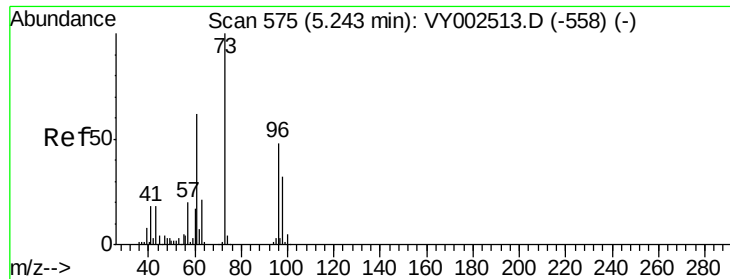
MMDadoda
5/5/2020 11:28:57 AM



#20
Methylene Chloride
Concen: 50.909 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 84 Resp: 192217
Ion Ratio Lower Upper
84 100
49 110.9 90.5 135.7
51 35.4 28.3 42.5
86 65.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 54.310 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

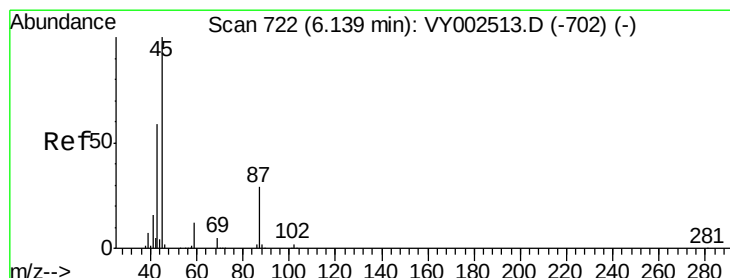
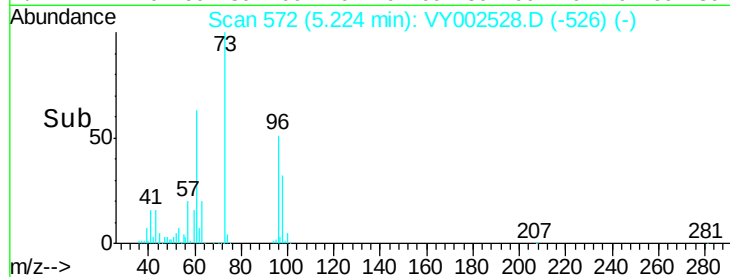
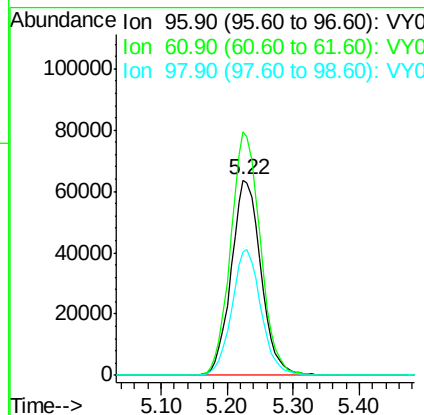
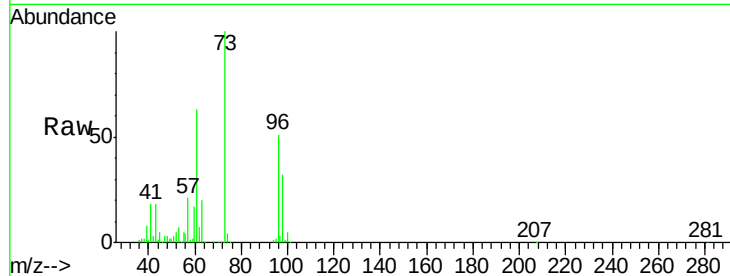
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	198825
Ion	Ratio	Lower	Upper
96	100		
61	124.6	102.0	153.0
98	63.0	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.515 ug/l

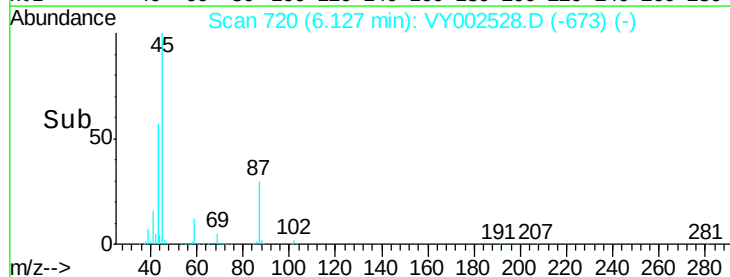
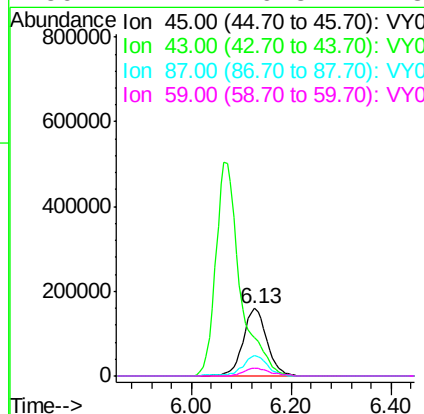
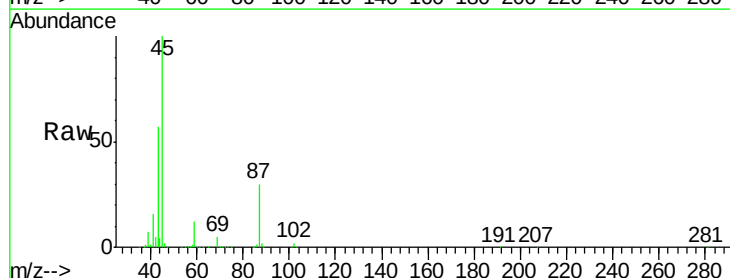
RT: 6.13 min Scan# 720

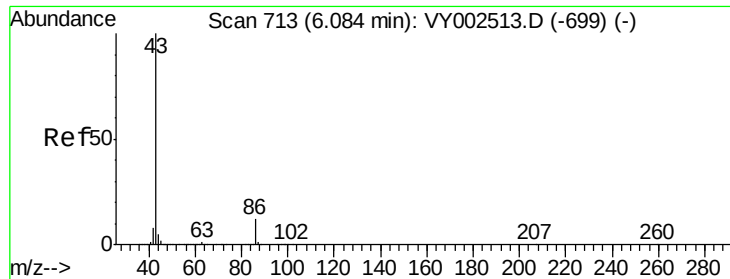
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	45	Resp:	528439
Ion	Ratio	Lower	Upper
45	100		
43	57.0	47.4	71.0
87	30.0	24.0	36.0
59	12.2	9.8	14.8





#23

Vinyl Acetate

Concen: 274.937 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1707399

Ion Ratio Lower Upper

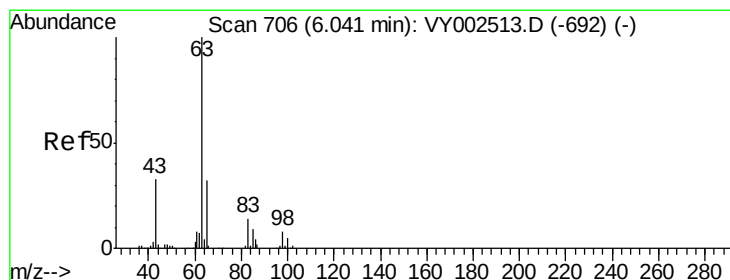
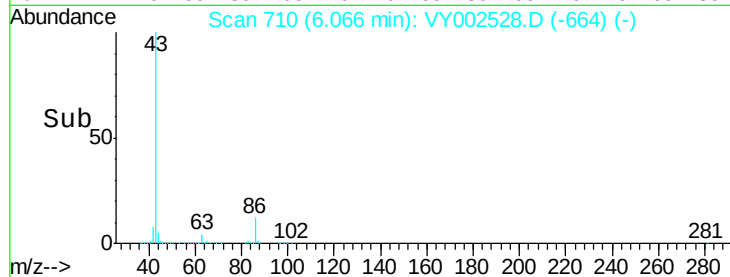
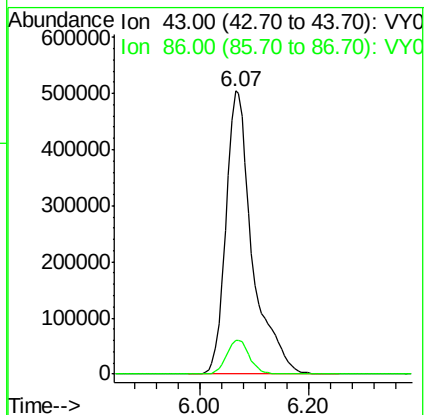
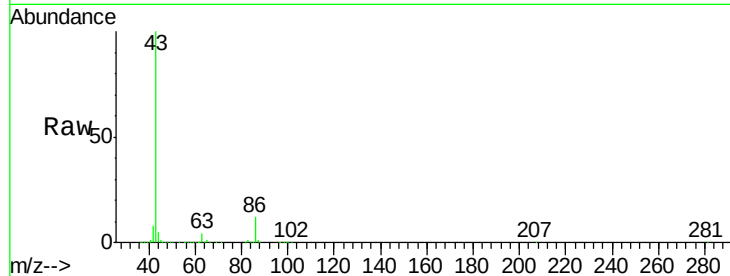
43 100

86 11.8 9.8 14.6

Manual Integrations
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MMDadoda

5/5/2020 11:28:57 AM



#24

1,1-Dichloroethane

Concen: 53.121 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

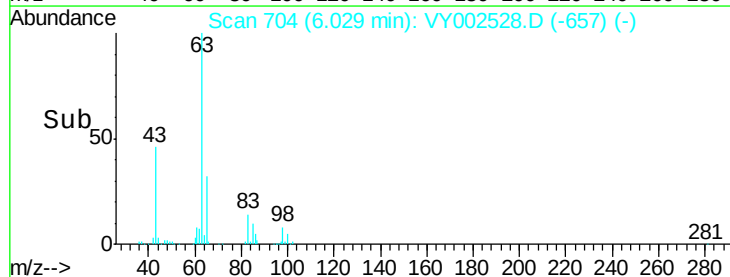
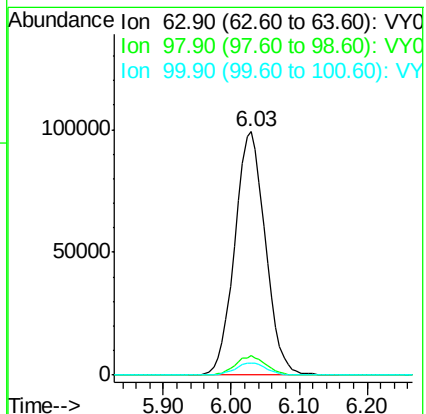
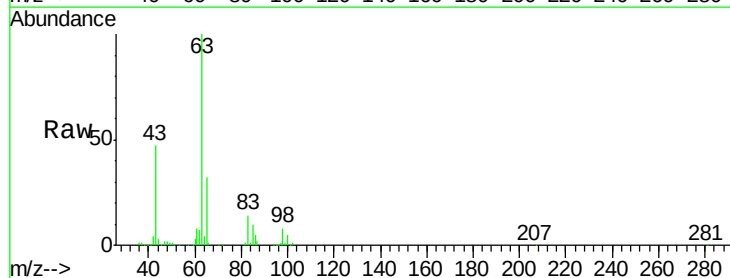
Tgt Ion: 63 Resp: 310323

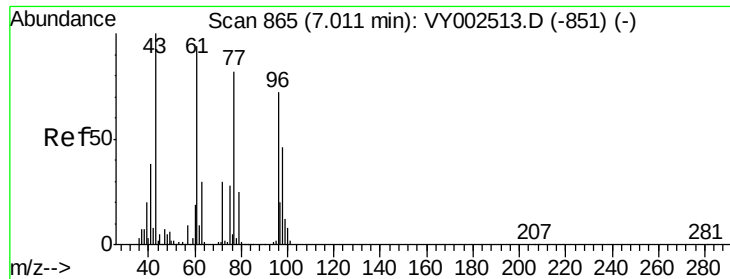
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 269.322 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 297663

Ion Ratio Lower Upper

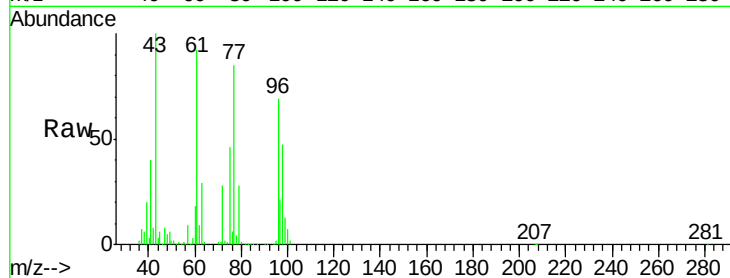
43 100

72 27.7 24.1 36.1

Manual Integrations
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MMDadoda

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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

120000

100000

80000

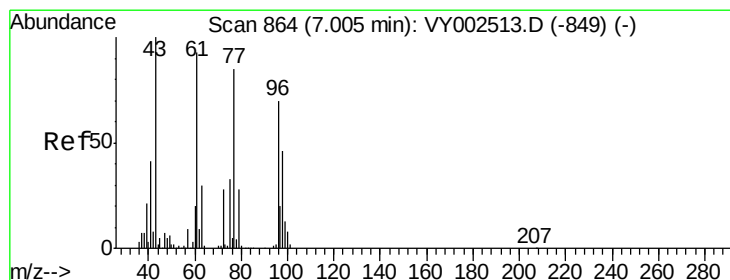
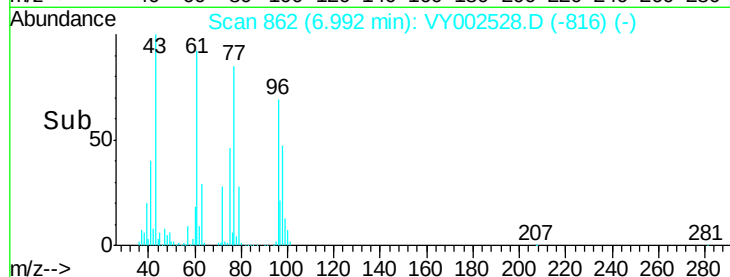
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.361 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.02 min

Lab File: VY002528.D

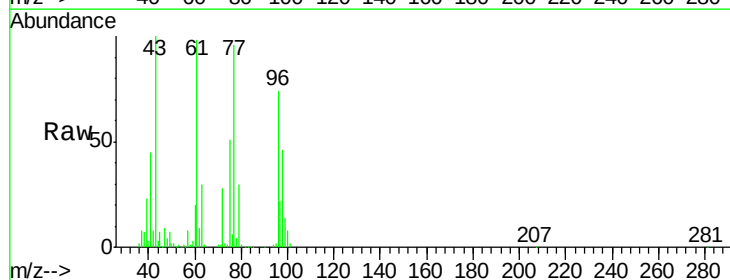
Acq: 04 May 2020 10:07

Tgt Ion: 77 Resp: 290753

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

100000

80000

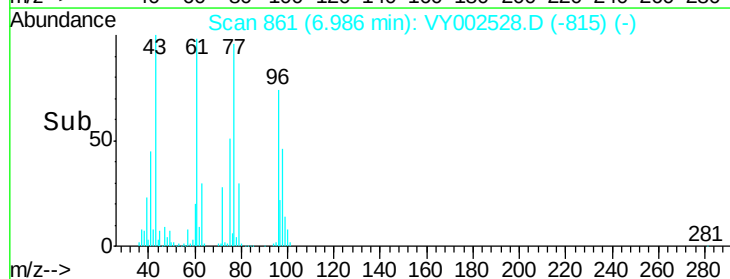
60000

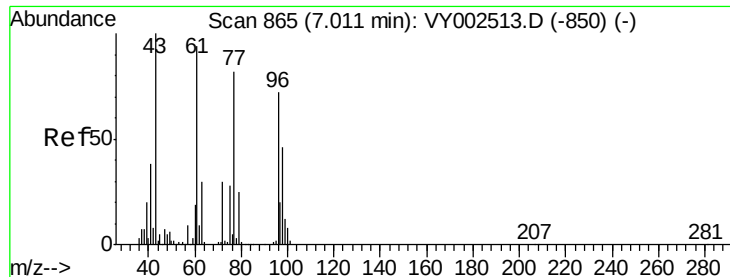
40000

20000

0

Time-->





#27

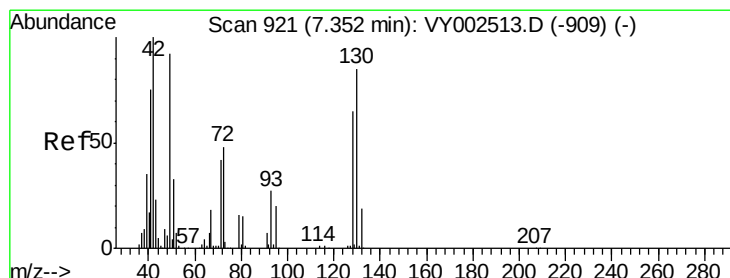
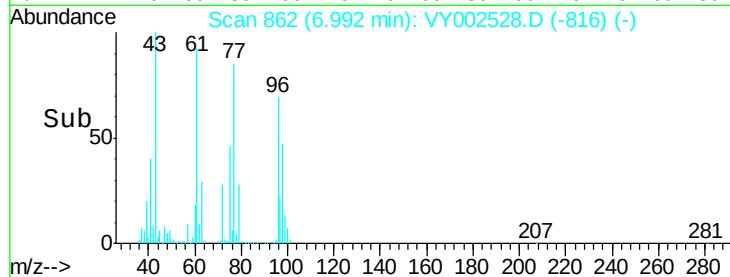
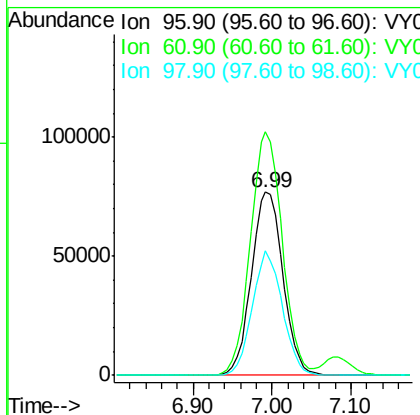
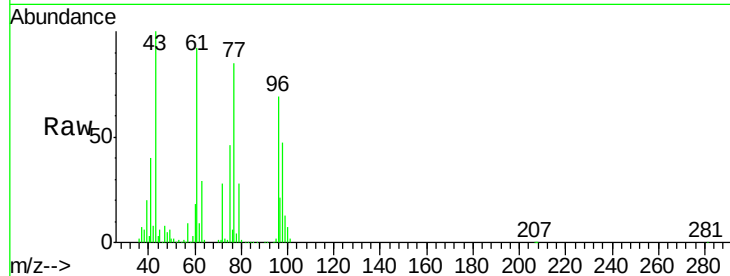
cis-1,2-Dichloroethene
 Concen: 52.916 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	214352		
61	133.9	0.0	266.6	
98	64.9	0.0	129.2	

Manual Integrations
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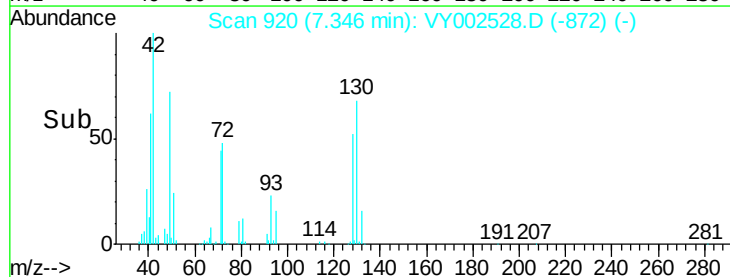
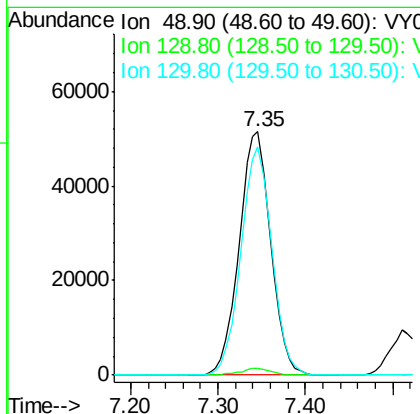
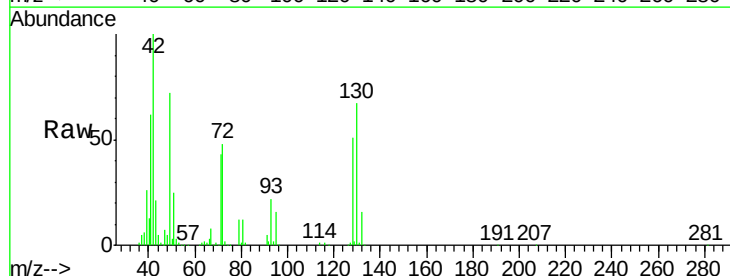
MMDadoda
 5/5/2020 11:28:57 AM

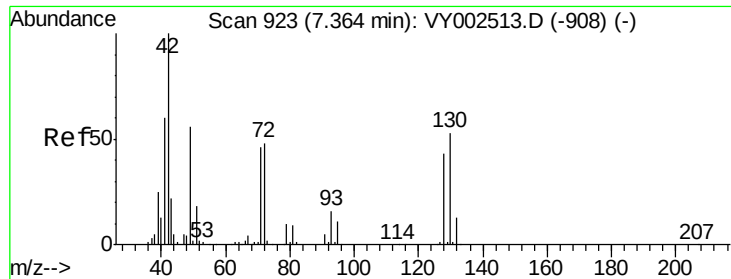


#28

Bromochloromethane
 Concen: 53.944 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129116		
129	2.6	0.0	4.8	
130	92.0	72.5	108.7	





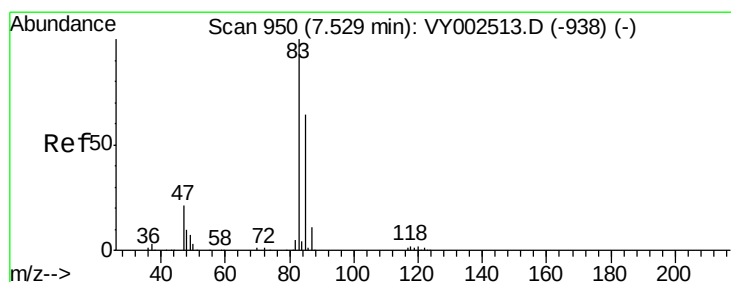
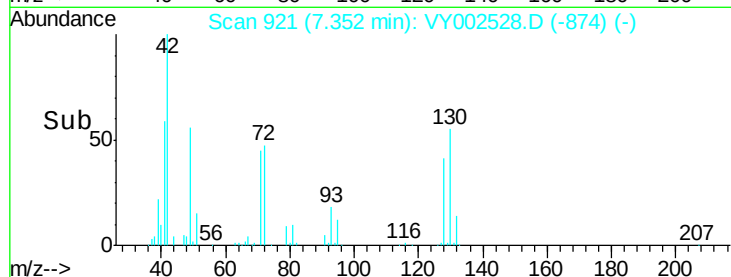
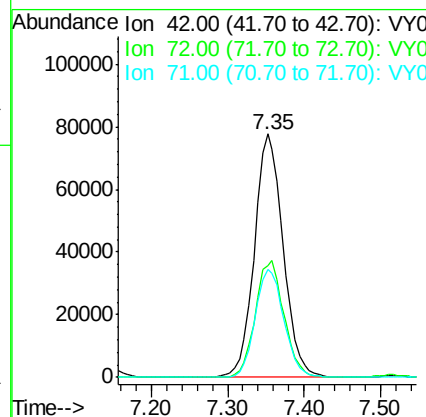
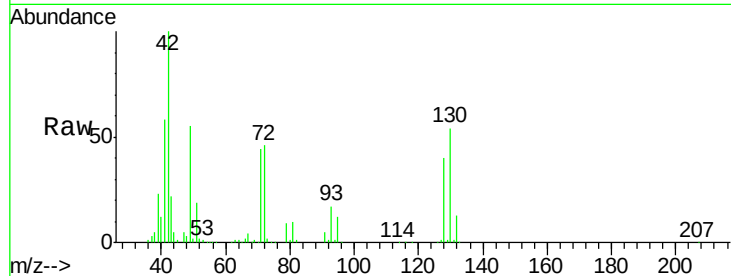
#29
Tetrahydrofuran
Concen: 277.997 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.4	56.2
71	44.3	35.0	52.4

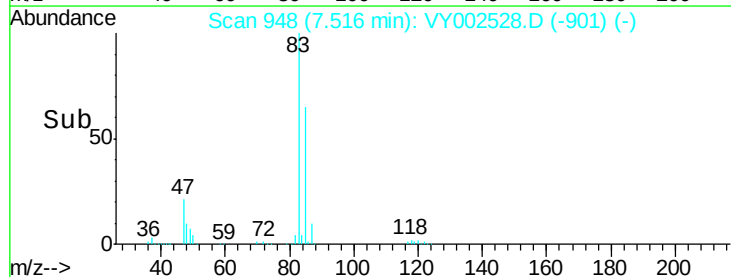
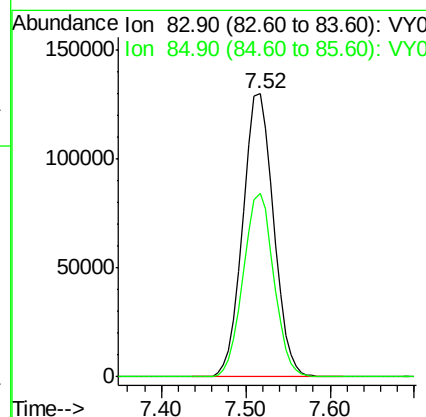
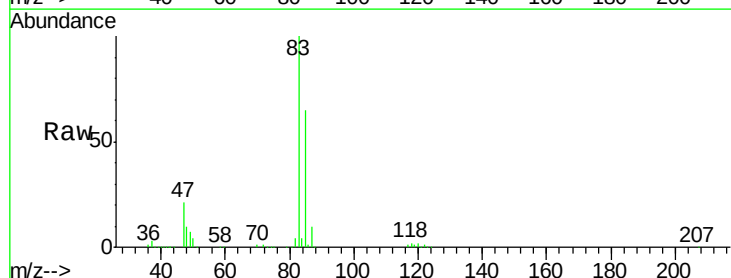
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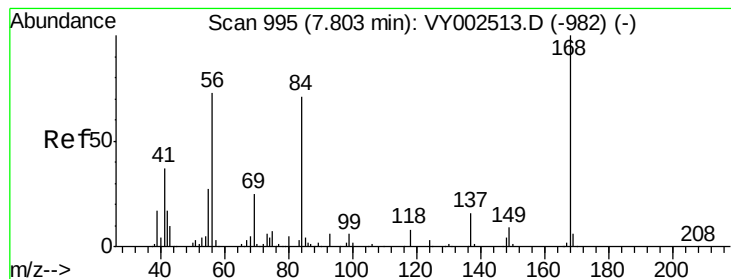
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5/5/2020 11:28:57 AM



#30
Chloroform
Concen: 52.794 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





#31

Cyclohexane

Concen: 51.306 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

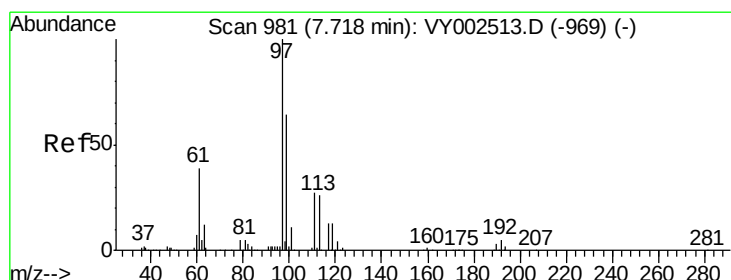
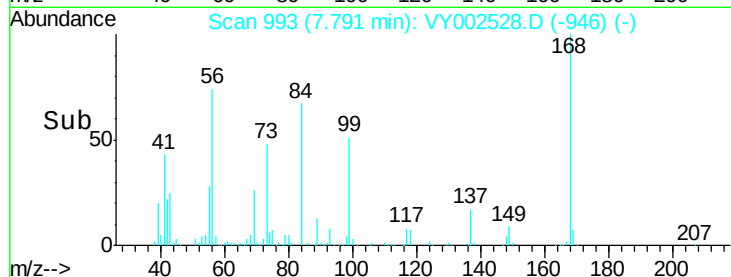
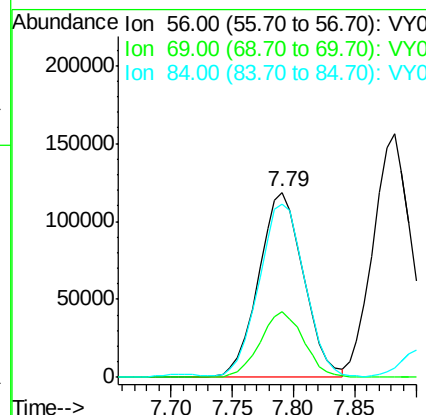
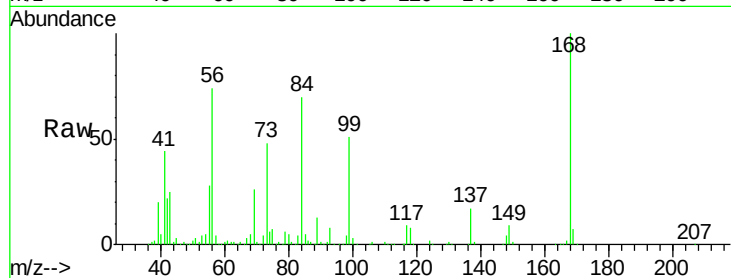
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	301696
Ion Ratio	Lower	Upper	
56	100		
69	35.5	27.6	41.4
84	92.7	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.999 ug/l

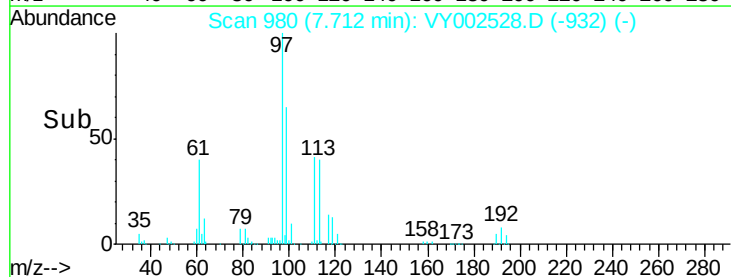
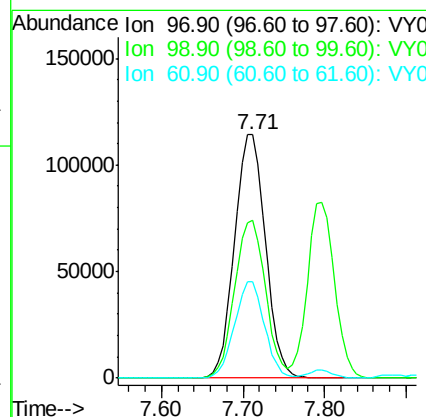
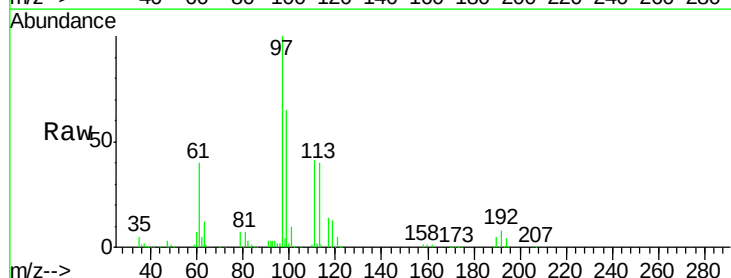
RT: 7.71 min Scan# 980

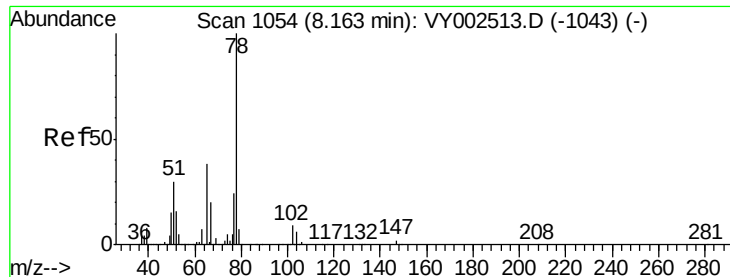
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	97	Resp:	299218
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.9	77.9
61	38.3	31.0	46.6





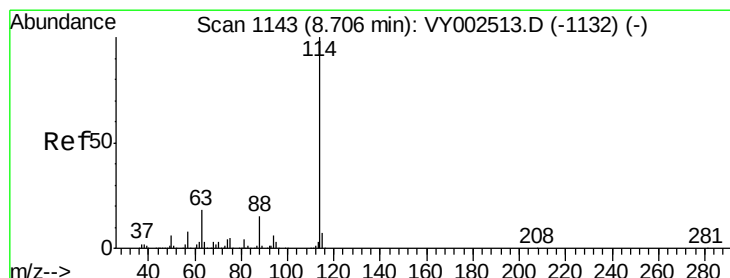
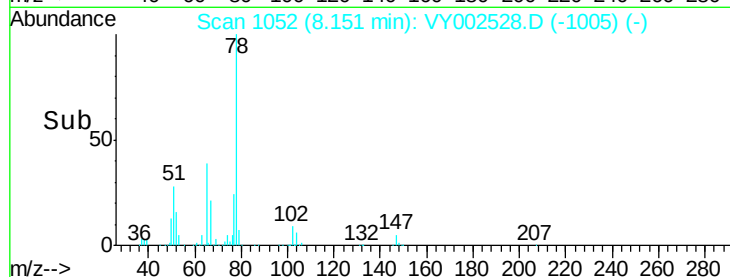
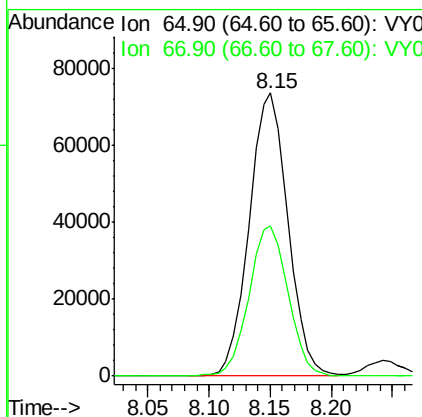
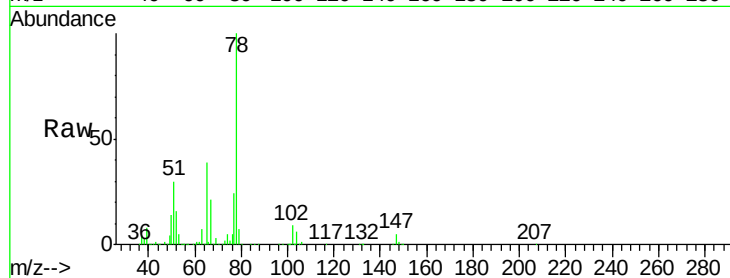
#33
 1,2-Dichloroethane-d4
 Concen: 49.595 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162255		
67	53.6	0.0	107.2	

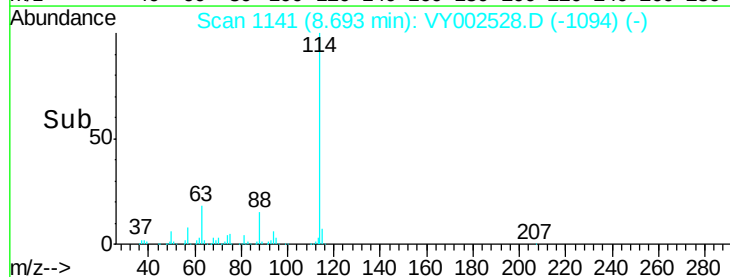
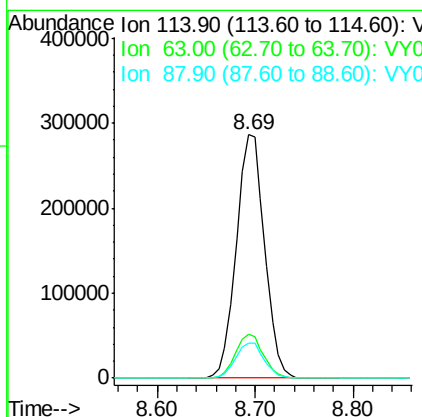
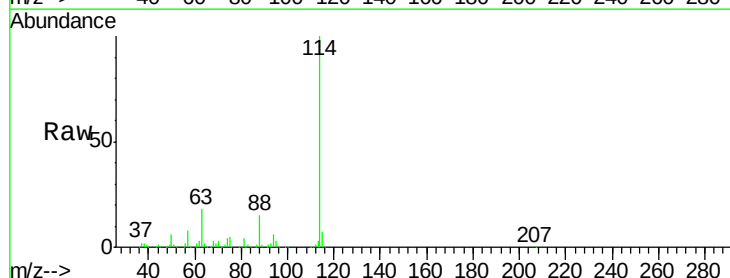
Manual Integrations
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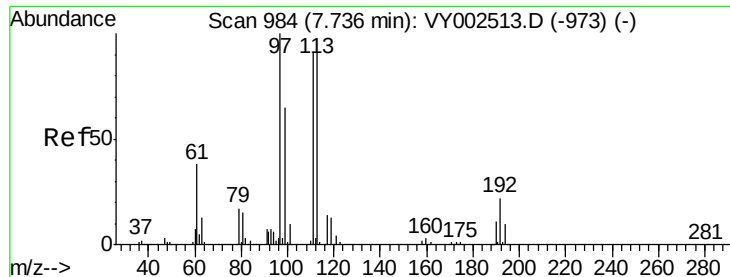
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	572929		
63	18.0	0.0	36.4	
88	14.6	0.0	29.6	





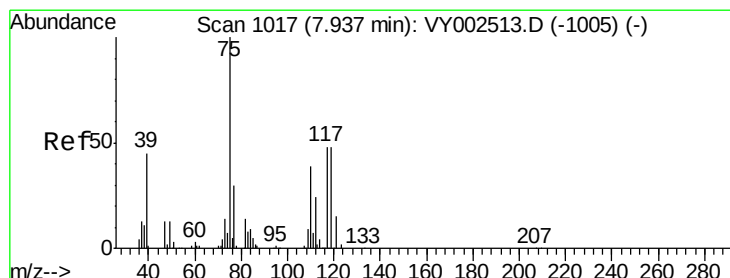
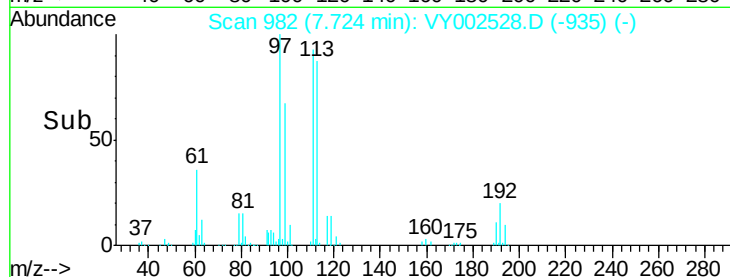
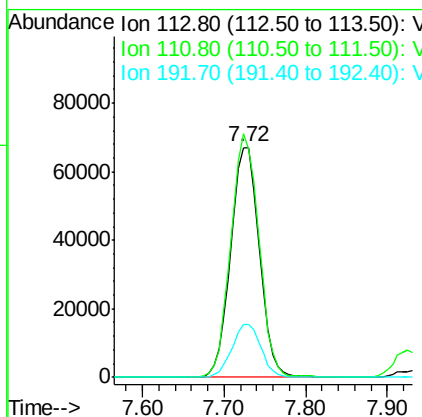
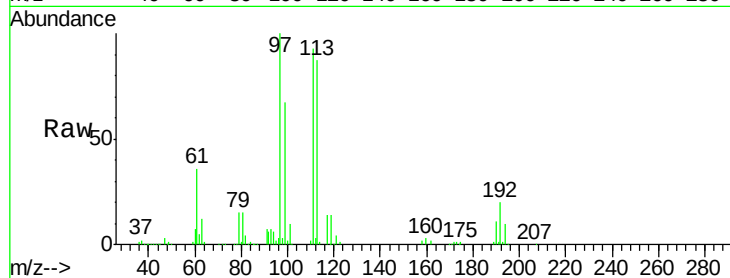
#35
 Dibromofluoromethane
 Concen: 49.615 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	23.2	18.2	27.4

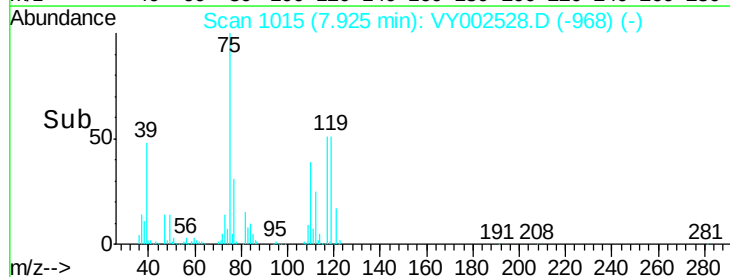
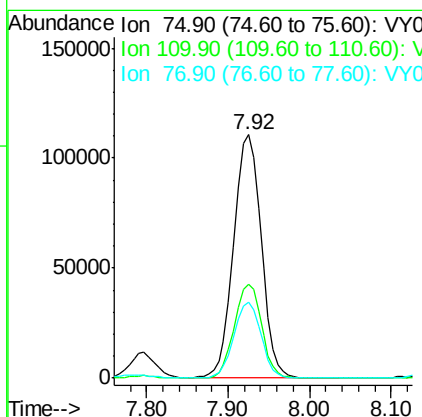
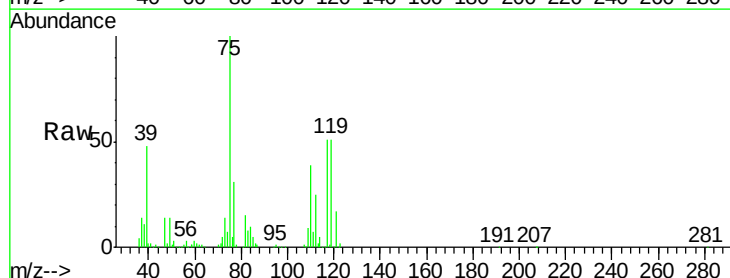
Manual Integrations
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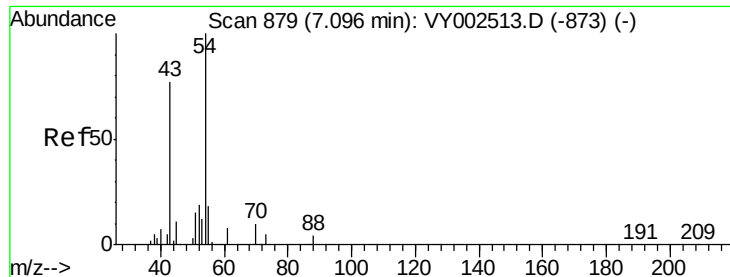
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#36
 1,1-Dichloropropene
 Concen: 53.892 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.1	57.3
77	31.0	24.6	37.0





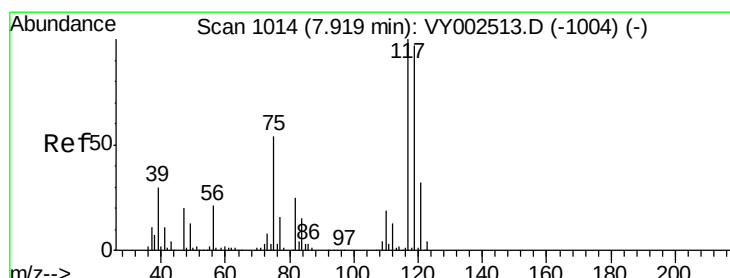
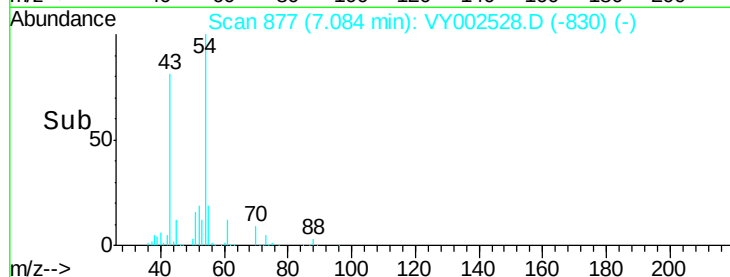
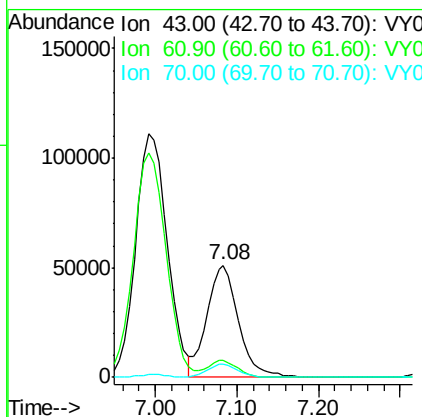
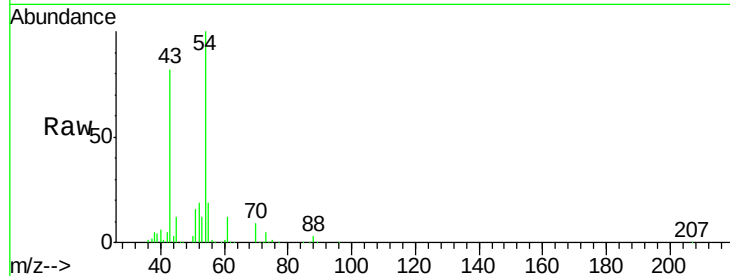
#37
Ethyl Acetate
Concen: 55.817 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.6	17.4
70	11.3	9.0	13.6

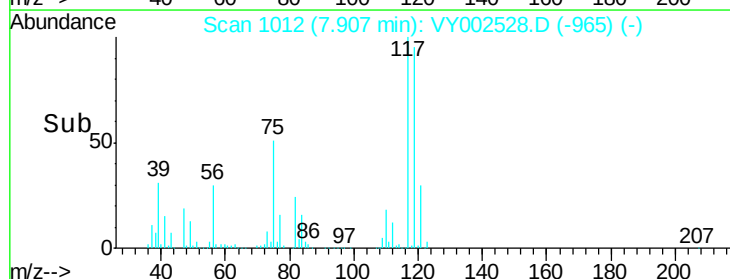
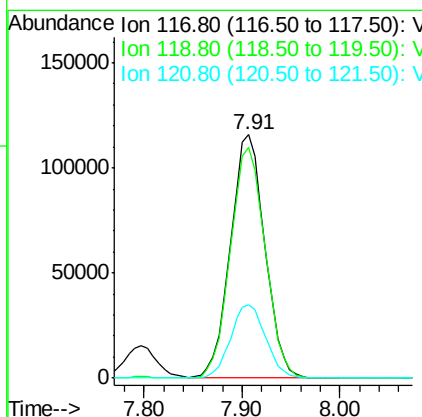
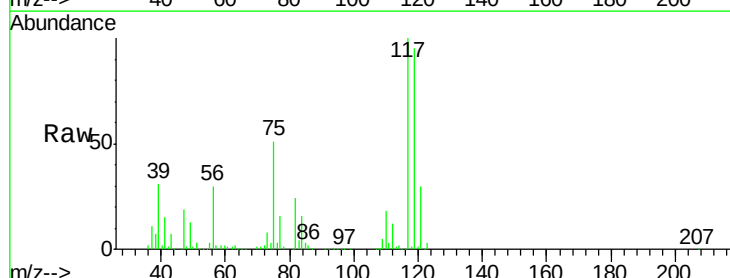
Manual Integrations
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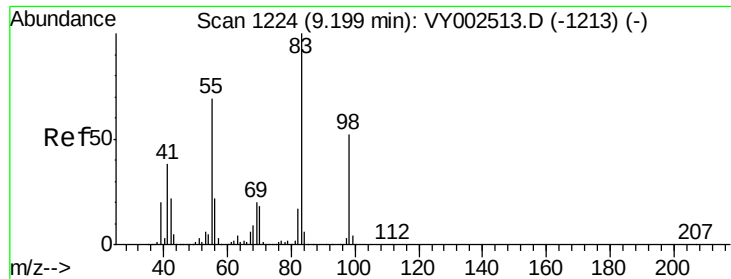
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#38
Carbon Tetrachloride
Concen: 53.925 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.1	115.7
121	30.1	25.2	37.8





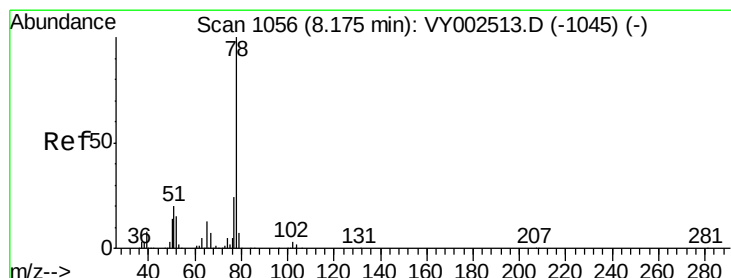
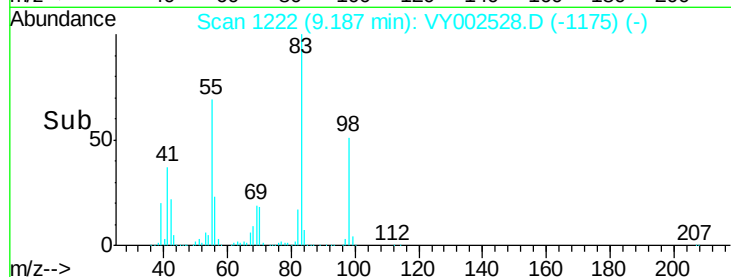
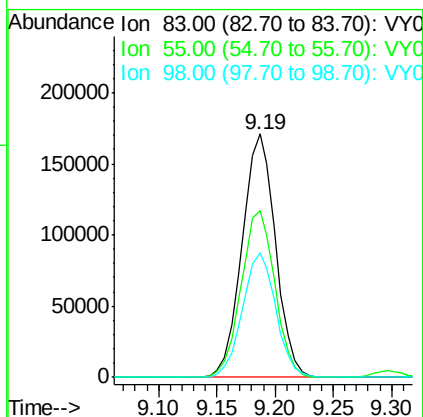
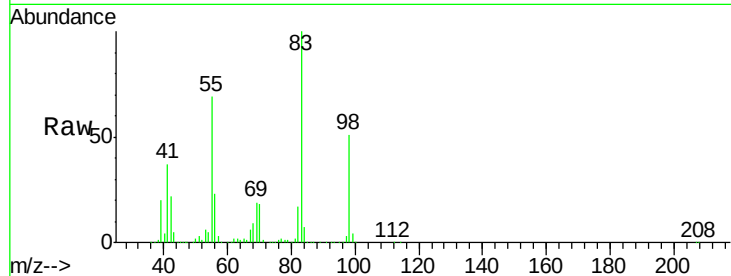
#39
Methylvlcyclohexane
Concen: 53.974 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	342396		
55	68.5		55.4	83.0
98	50.9		41.3	61.9

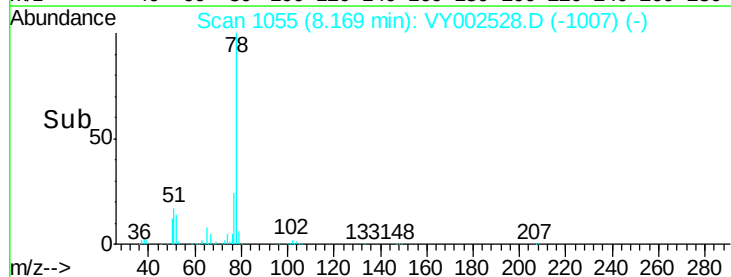
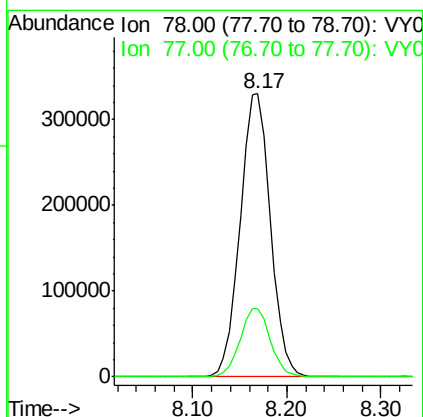
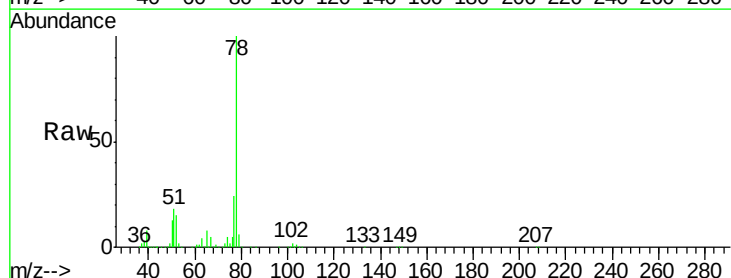
Manual Integrations
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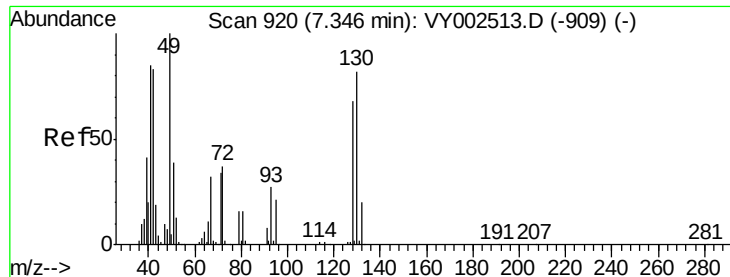
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#40
Benzene
Concen: 53.524 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	742477		
77	24.0		19.2	28.8





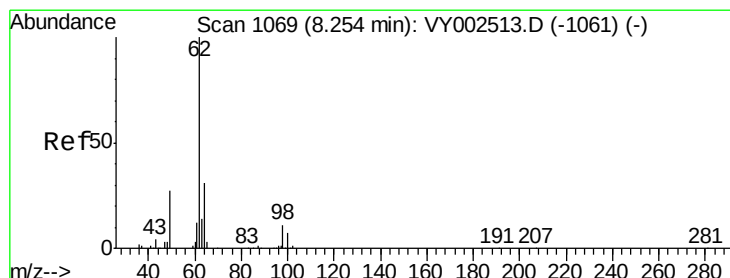
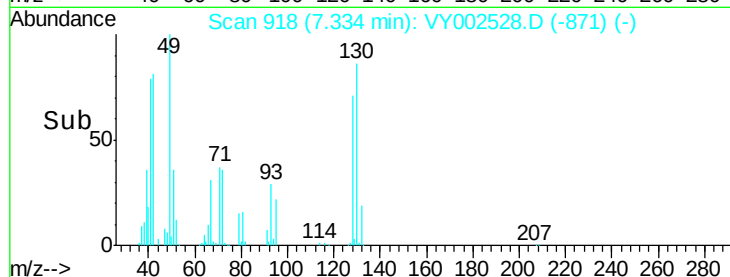
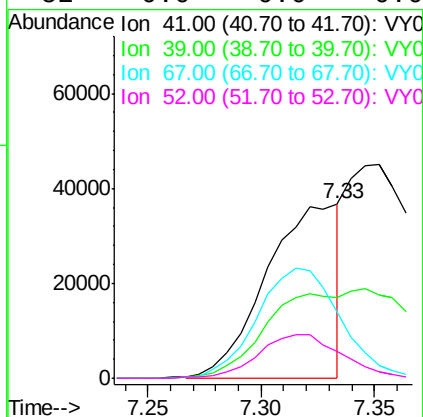
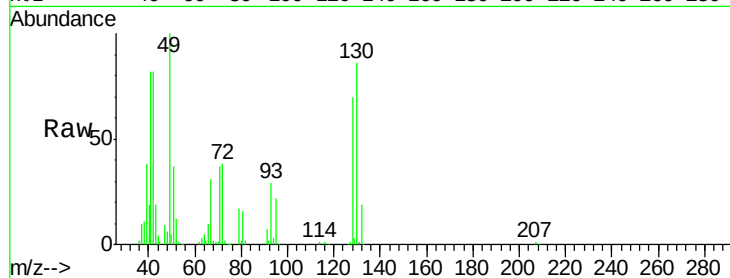
#41
Methacrylonitrile
Concen: 62.672 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	83167
Ion	Ratio	Lower	Upper
41	100		
39	100.4	83.1	124.7
67	0.0	0.0	0.0
52	0.0	0.0	0.0

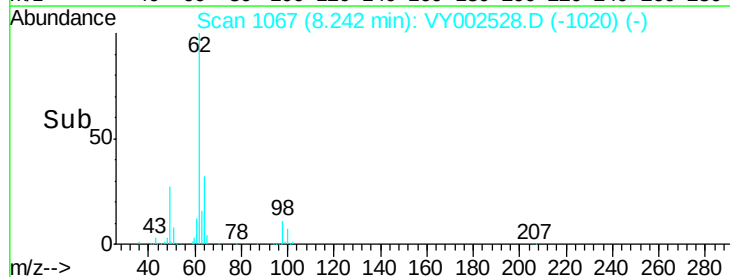
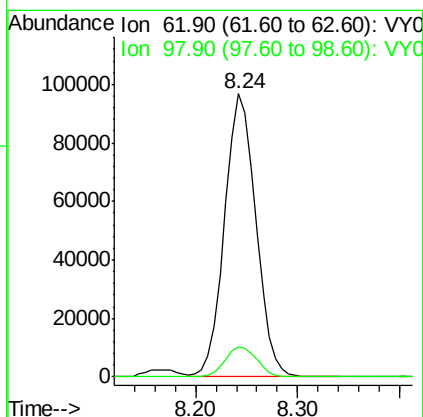
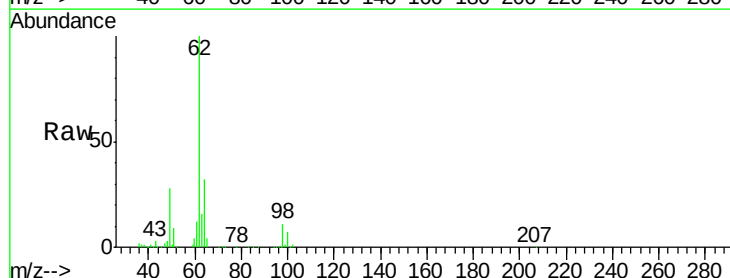
Manual Integrations
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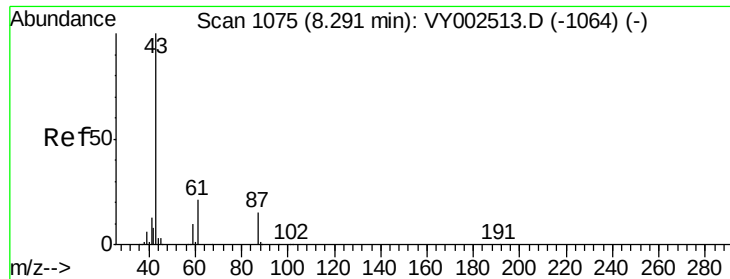
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#42
1,2-Dichloroethane
Concen: 53.014 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	62	Resp	206281
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





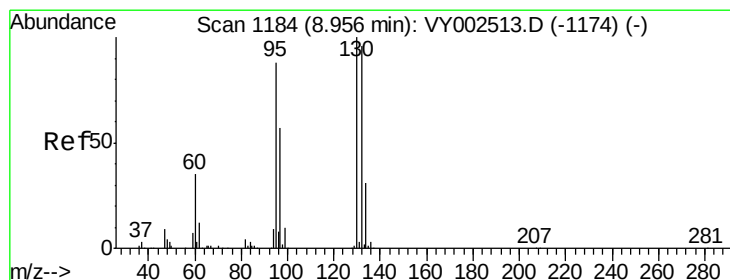
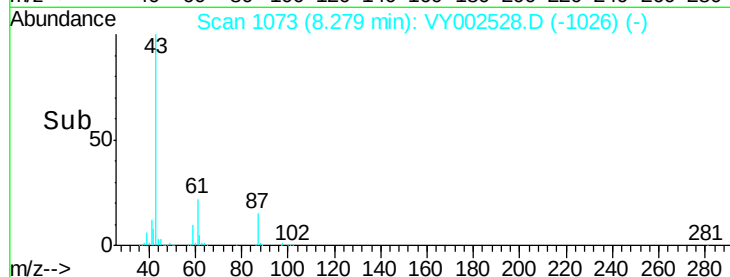
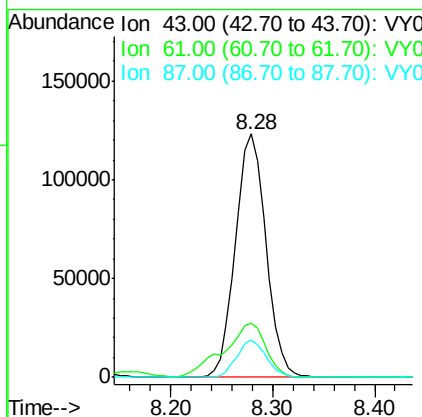
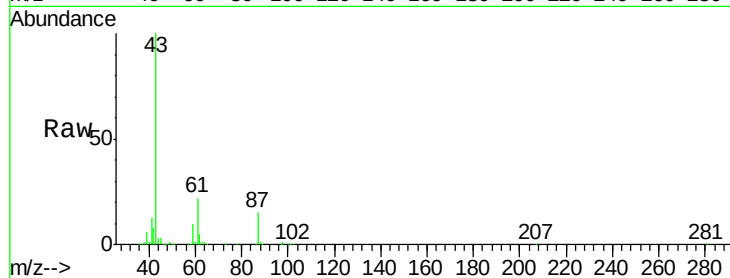
#43
Isopropyl Acetate
Concen: 55.380 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.8	37.2
87	15.0	12.2	18.2

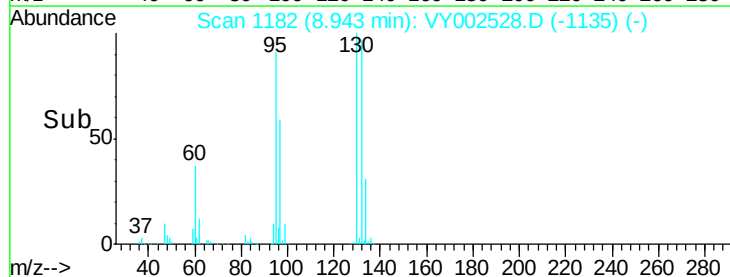
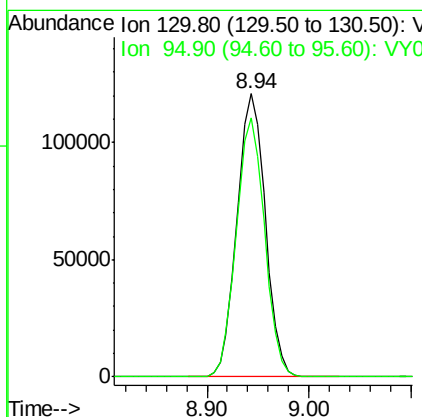
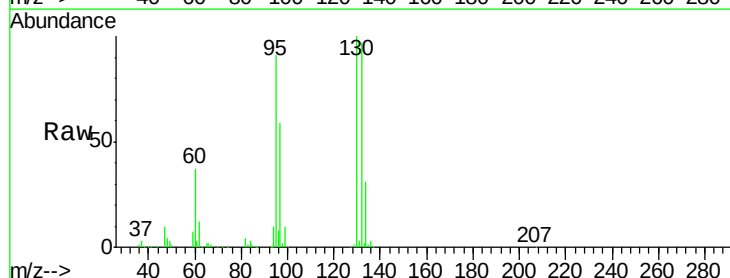
Manual Integrations
APPROVED

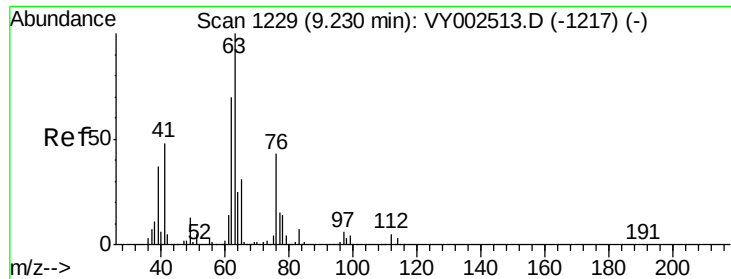
MMDadoda
5/5/2020 11:28:57 AM



#44
Trichloroethene
Concen: 53.757 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	175.8





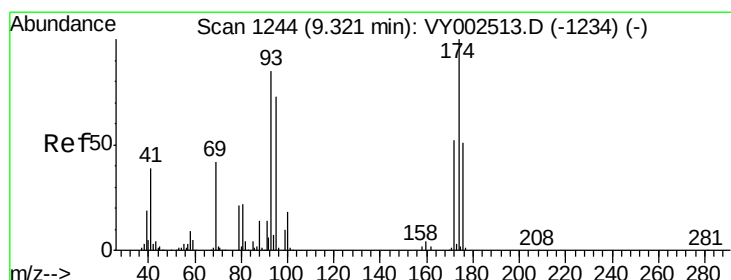
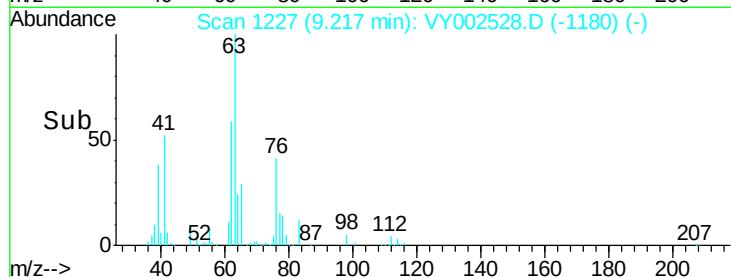
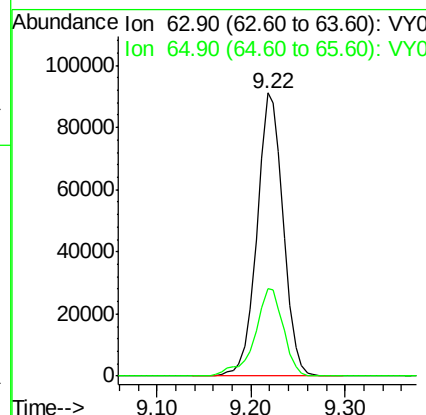
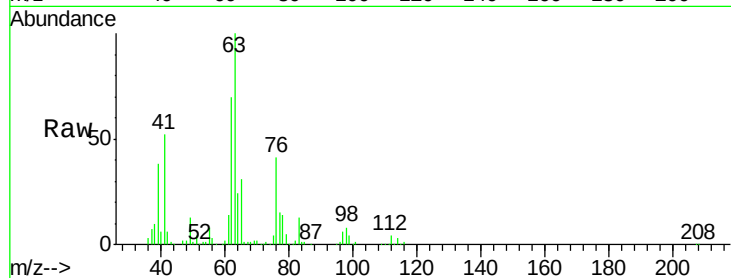
#45
 1,2-Dichloropropane
 Concen: 53.148 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.5	36.7

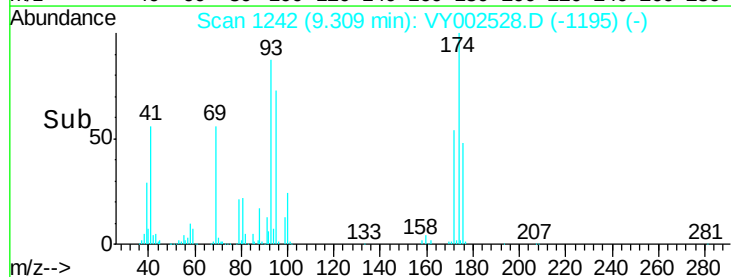
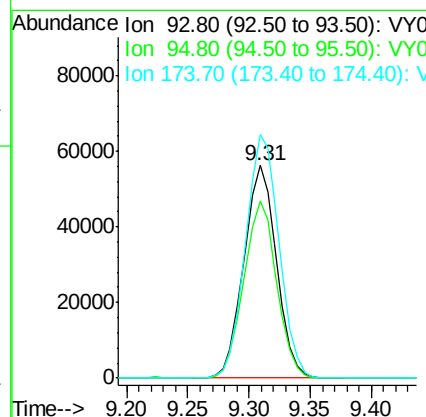
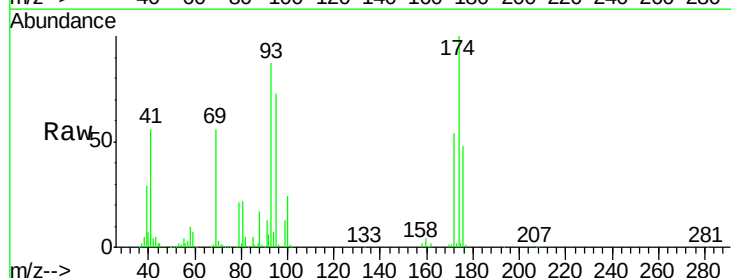
Manual Integrations
 APPROVED

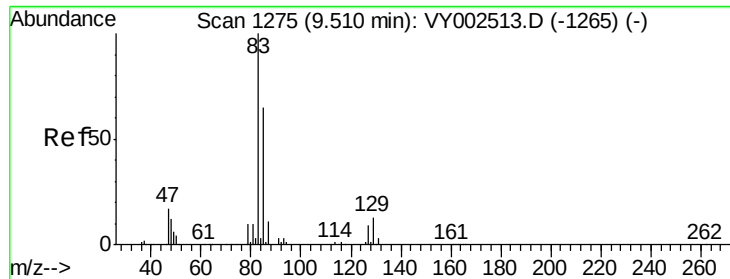
MMDadoda
 5/5/2020 11:28:57 AM



#46
 Dibromomethane
 Concen: 54.161 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.0	100.4
174	117.6	92.7	139.1





#47

Bromodichloromethane

Concen: 53.953 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

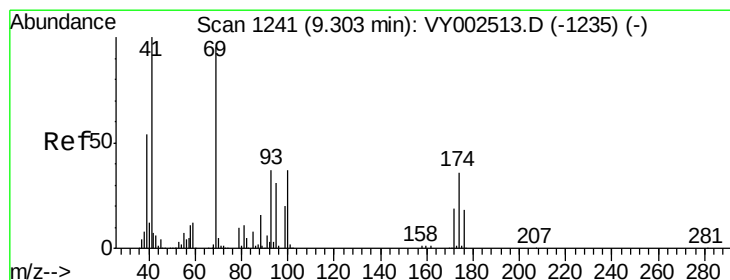
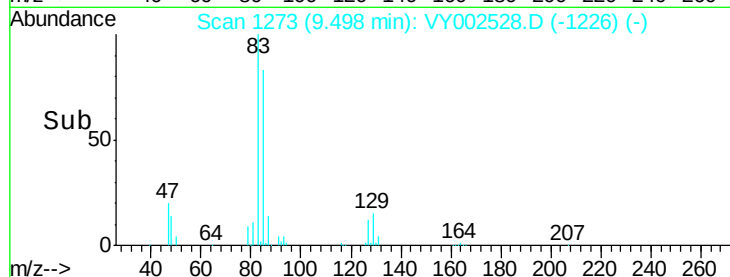
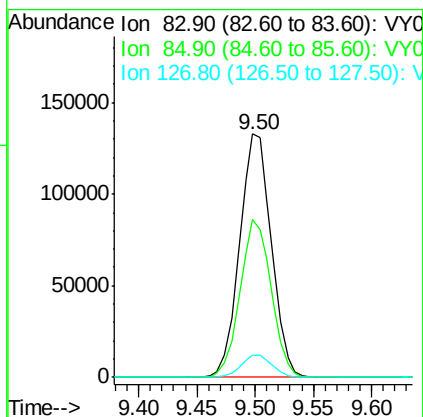
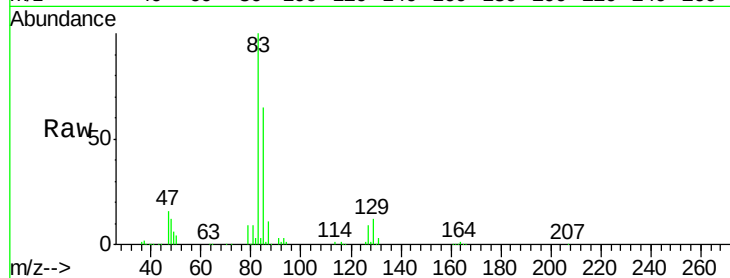
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	252701
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.8
127	9.1	7.4	11.0

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 55.438 ug/l

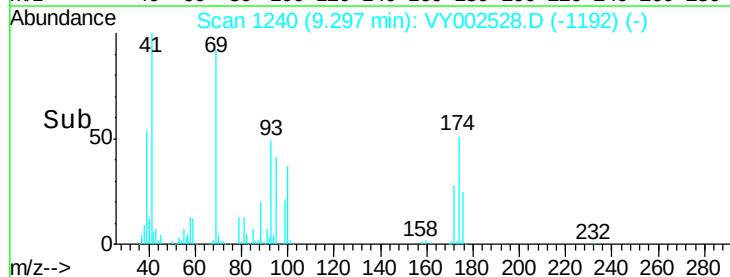
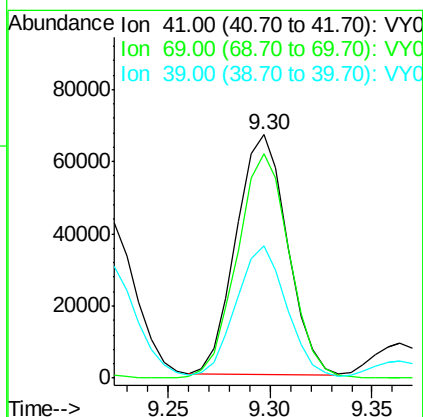
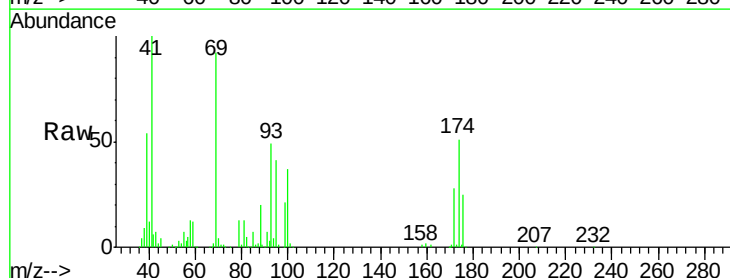
RT: 9.30 min Scan# 1240

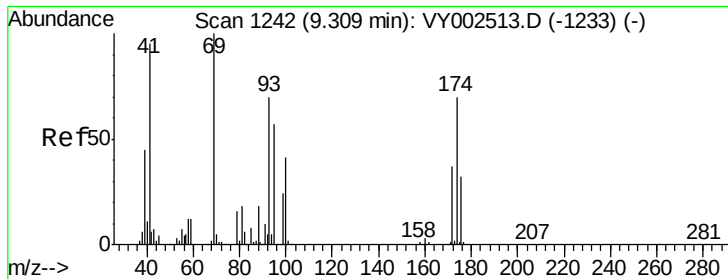
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	41	Resp:	116089
Ion Ratio	Lower	Upper	
41	100		
69	95.4	76.2	114.4
39	55.0	42.7	64.1





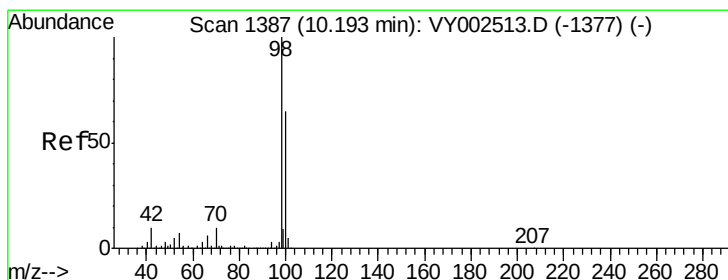
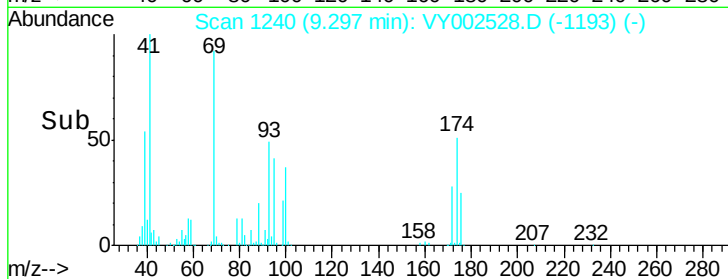
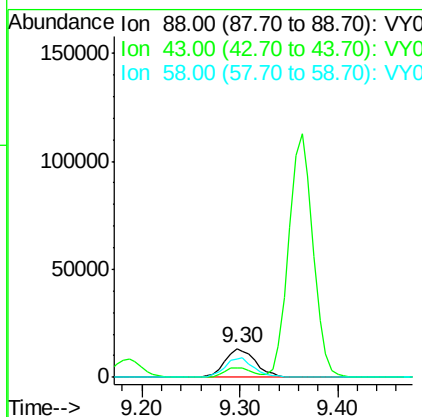
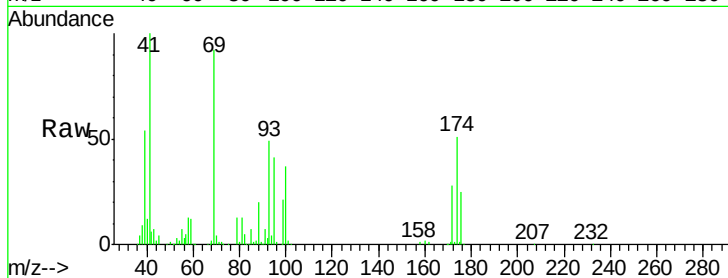
#49
1,4-Dioxane
Concen: 1145.850 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.8	34.2
58	63.7	51.4	77.2

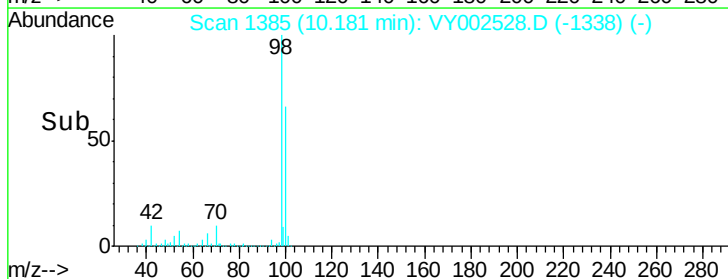
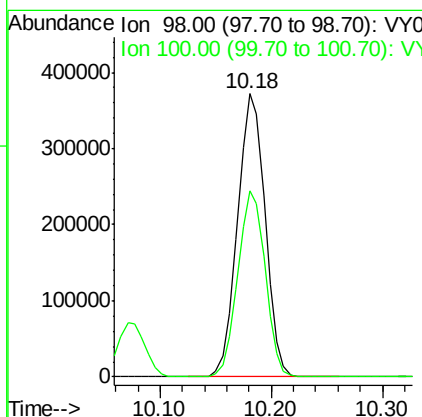
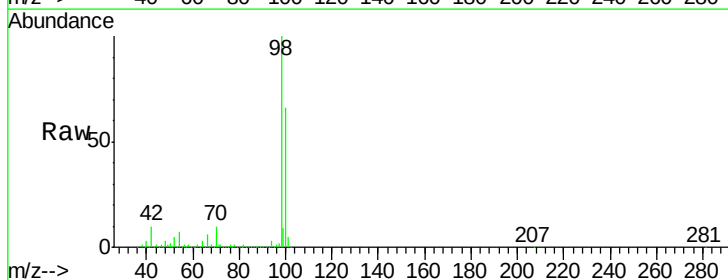
Manual Integrations
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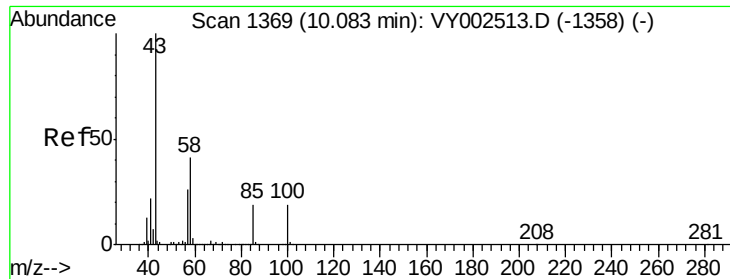
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#50
Toluene-d8
Concen: 49.778 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





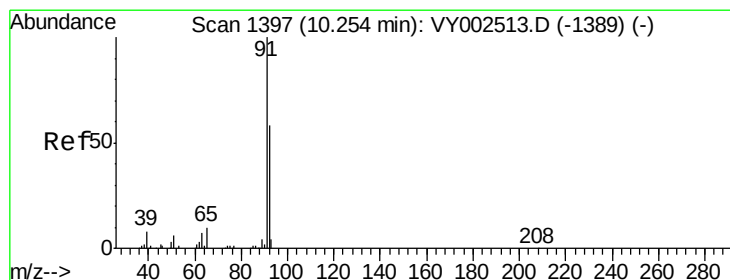
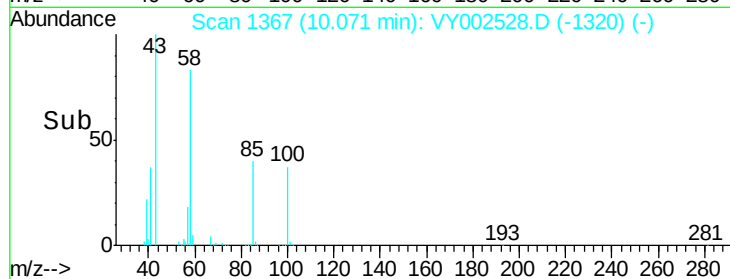
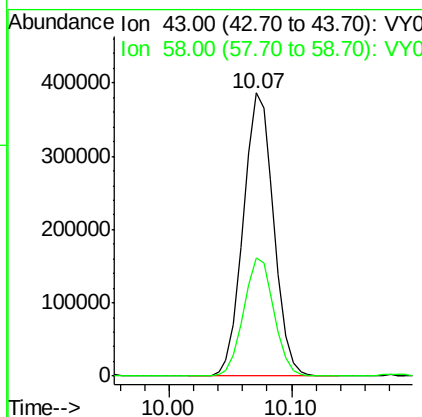
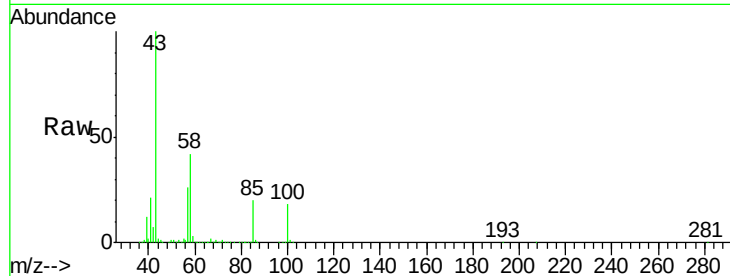
#51
4-Methyl-2-Pentanone
Concen: 279.215 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.7	33.2	49.8

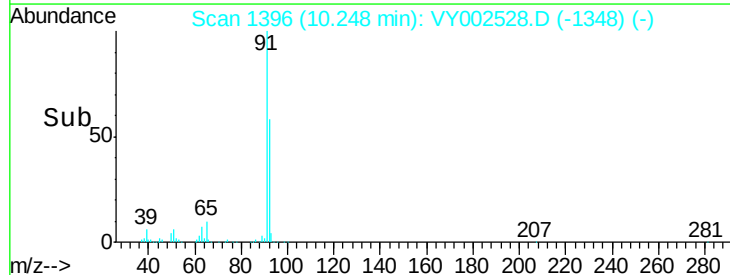
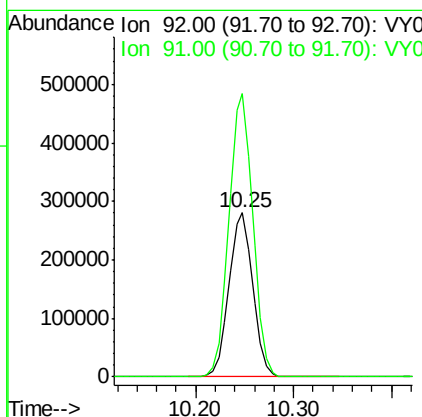
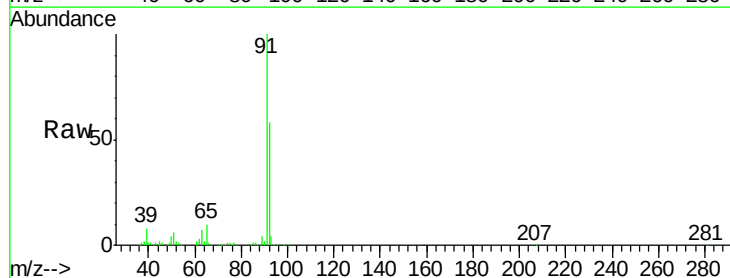
Manual Integrations
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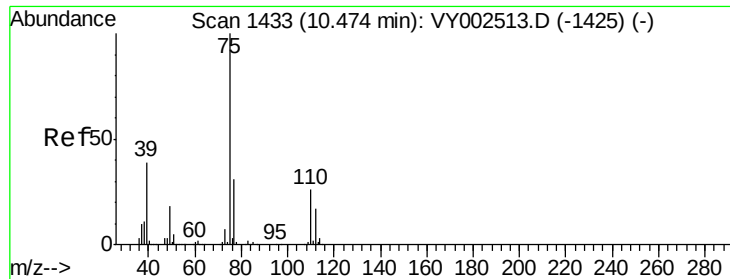
MMDadoda
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#52
Toluene
Concen: 52.873 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	139.3	208.9





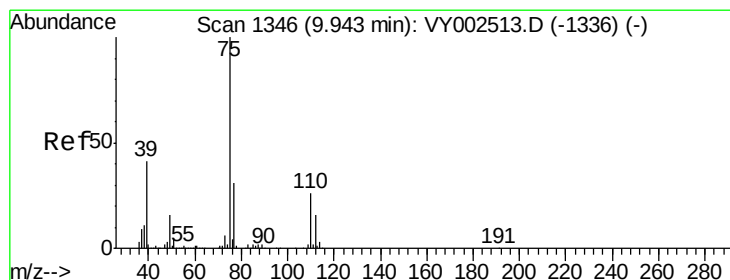
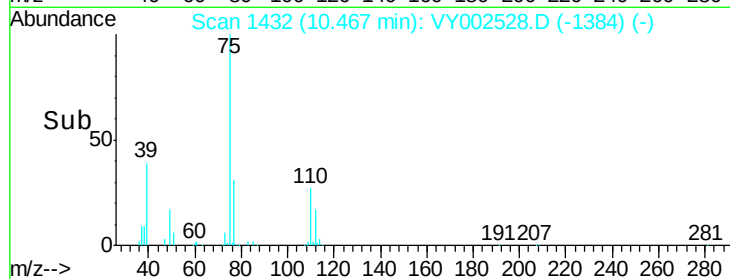
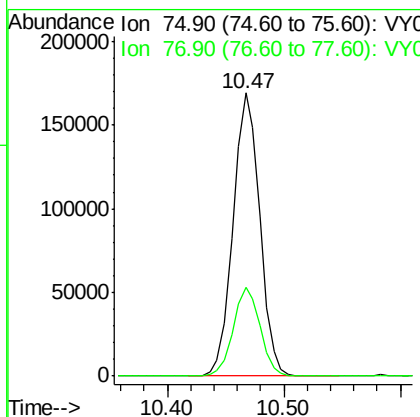
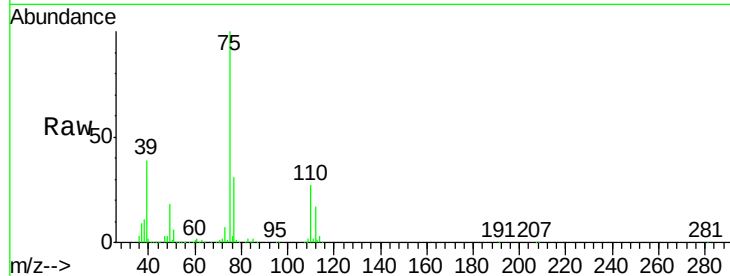
#53
t-1,3-Dichloropropene
Concen: 55.057 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6

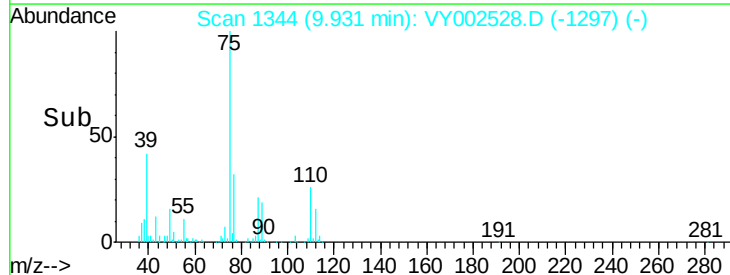
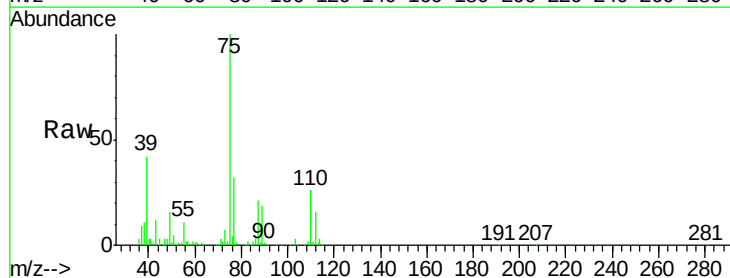
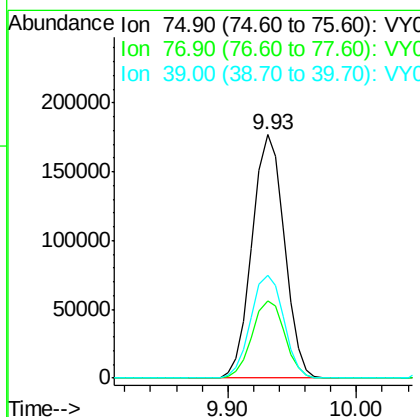
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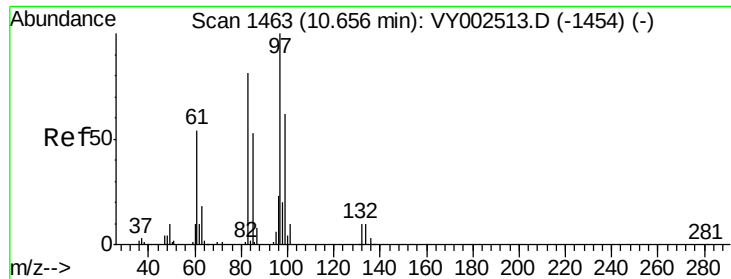
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.076 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7
39	42.2	32.7	49.1





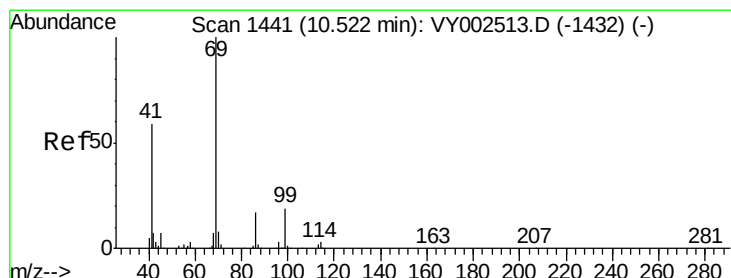
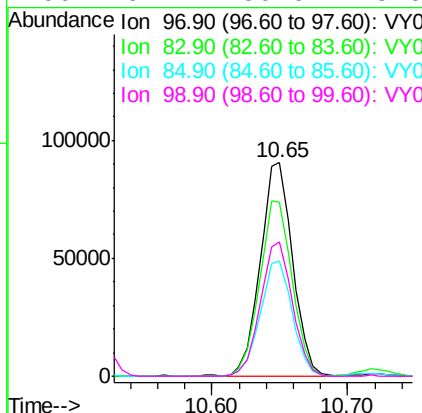
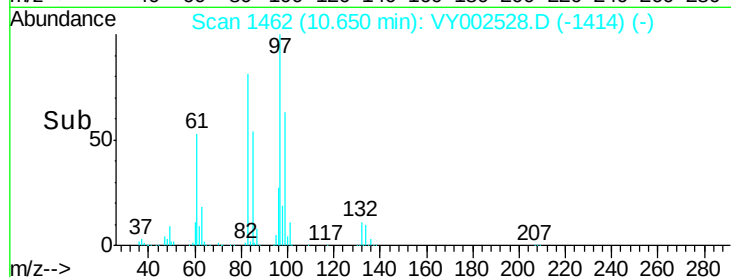
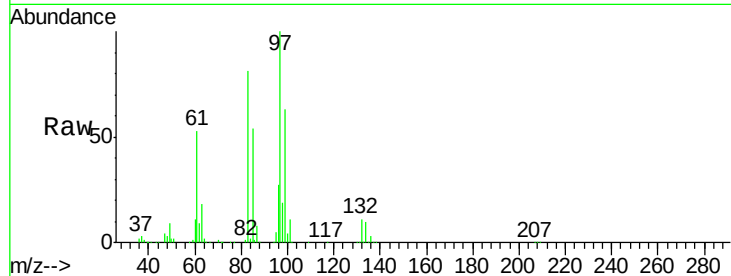
#55
 1,1,2-Trichloroethane
 Concen: 53.973 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	151611
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	53.9	42.7	64.1
99	62.7	50.0	75.0

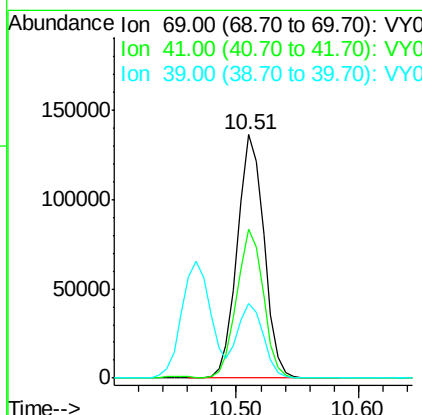
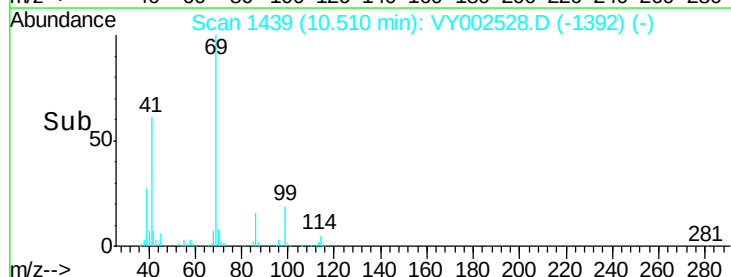
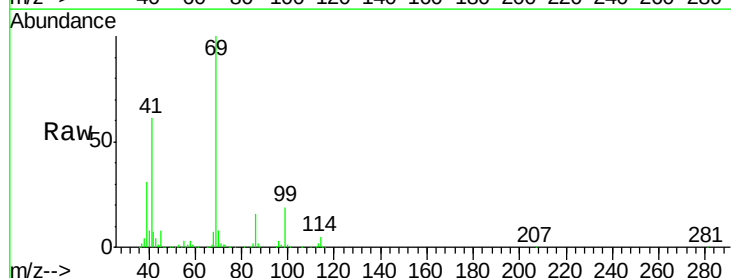
Manual Integrations
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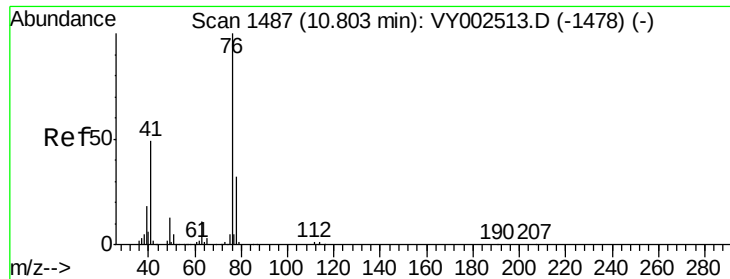
MMDadoda
 5/5/2020 11:28:57 AM



#56
 Ethyl methacrylate
 Concen: 55.215 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion:	69	Resp:	206332
Ion	Ratio	Lower	Upper
69	100		
41	60.3	48.6	73.0
39	29.7	25.0	37.4





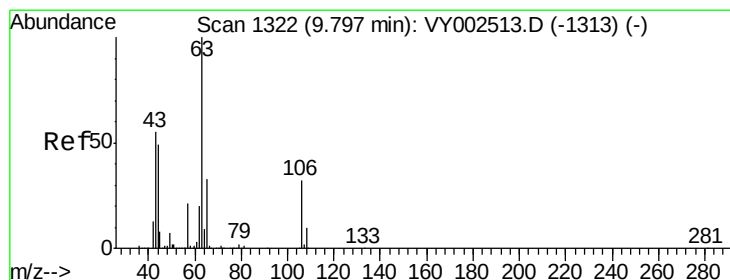
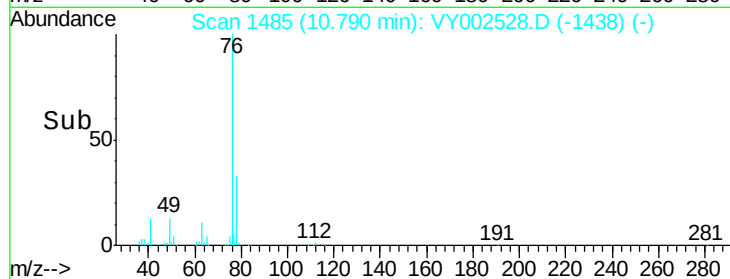
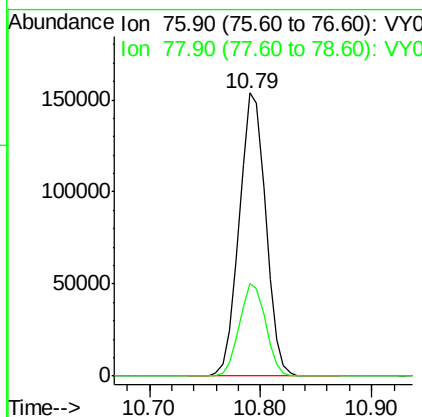
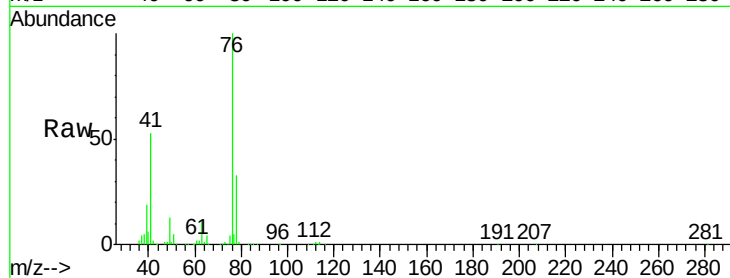
#57
 1,3-Dichloropropane
 Concen: 53.185 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.4	38.2

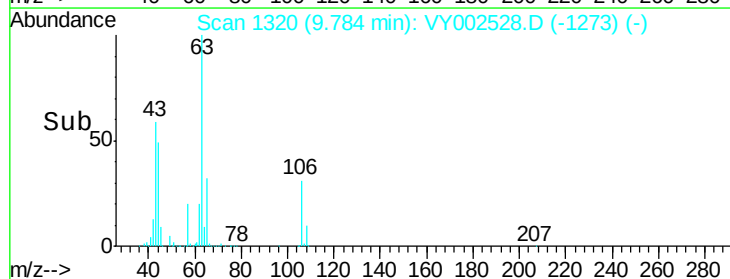
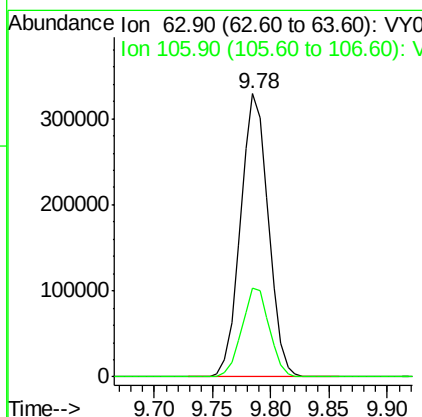
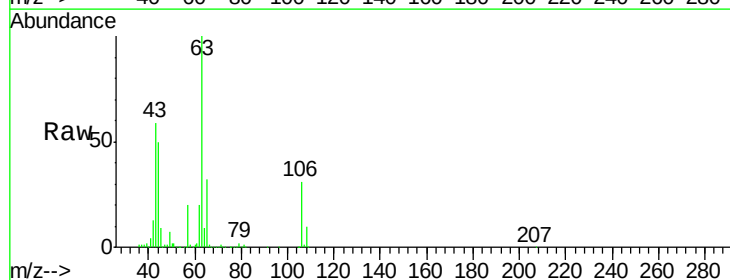
Manual Integrations
 APPROVED

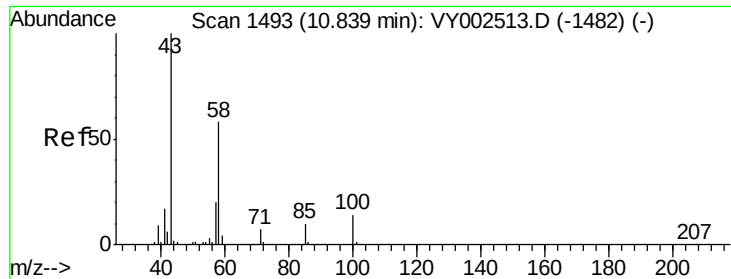
MMDadoda
 5/5/2020 11:28:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.437 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.2	37.8





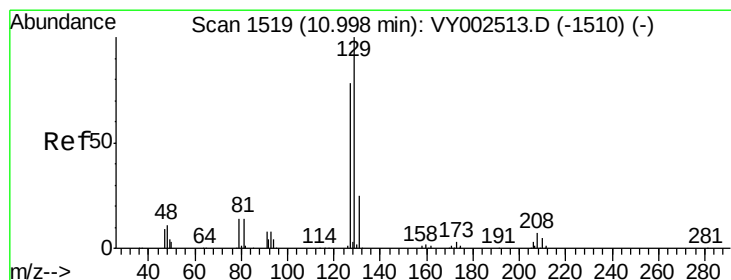
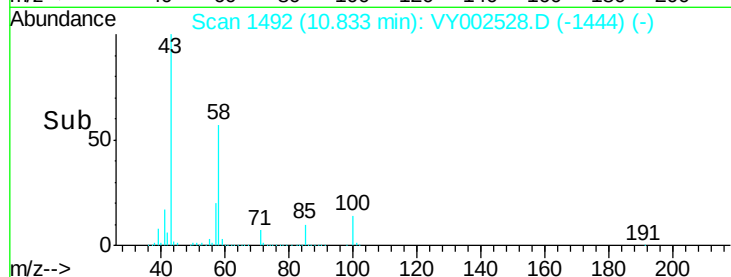
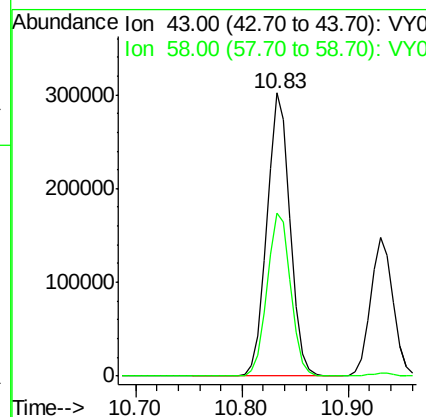
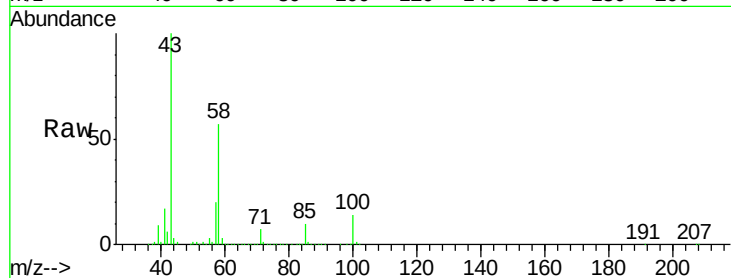
#59
2-Hexanone
Concen: 280.085 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 459752
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.3

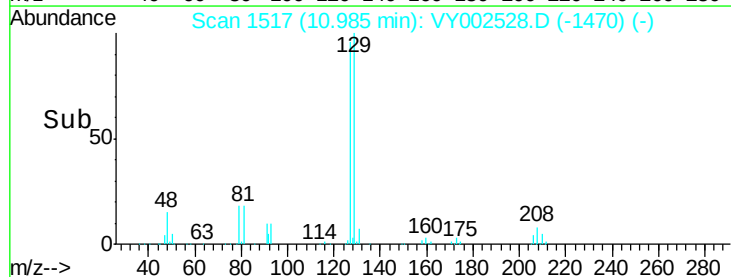
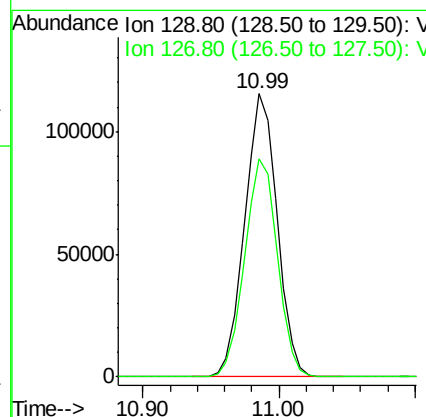
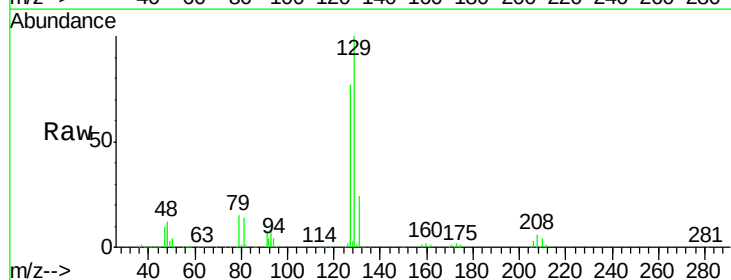
Manual Integrations
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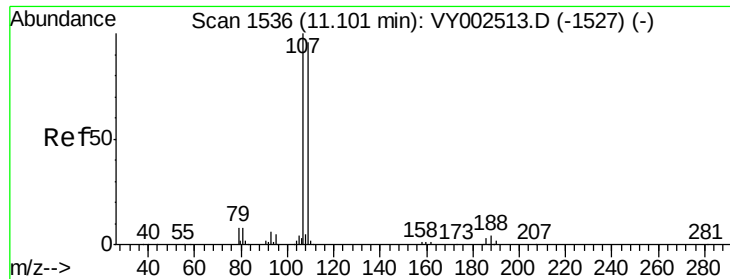
MMDadoda
5/5/2020 11:28:57 AM



#60
Dibromochloromethane
Concen: 53.938 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 129 Resp: 192703
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





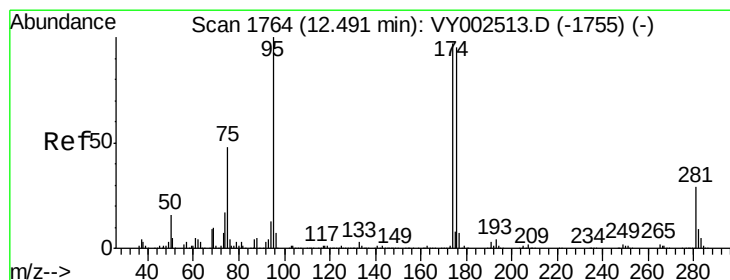
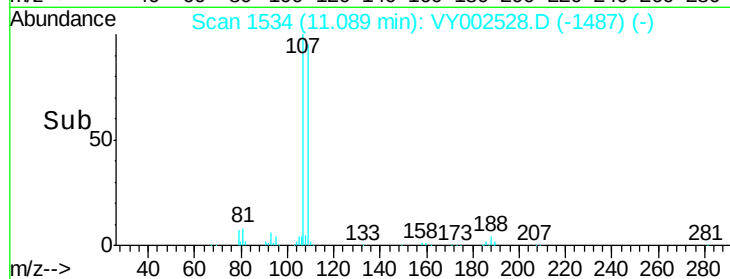
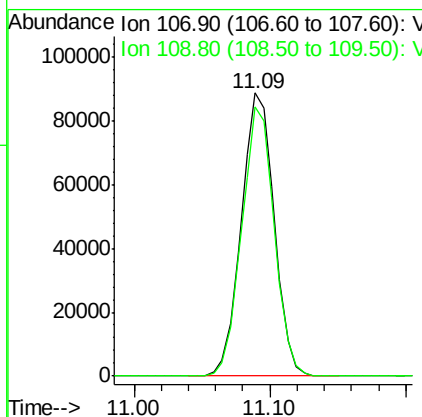
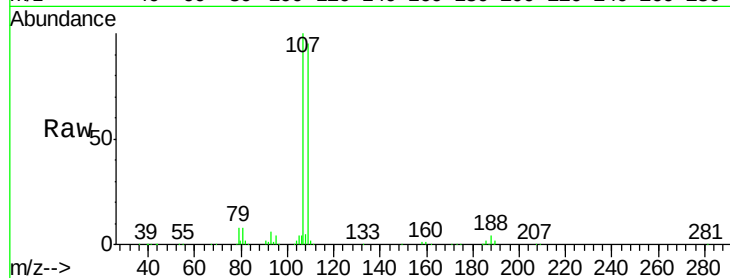
#61
 1,2-Dibromoethane
 Concen: 53.853 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.8

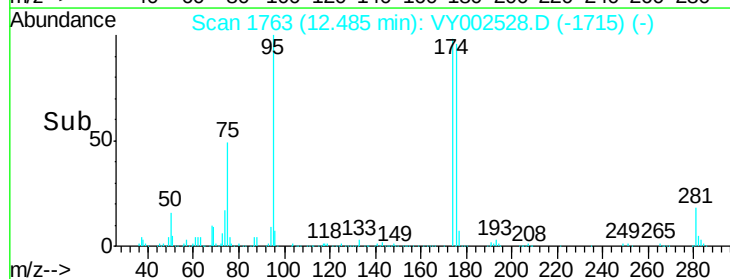
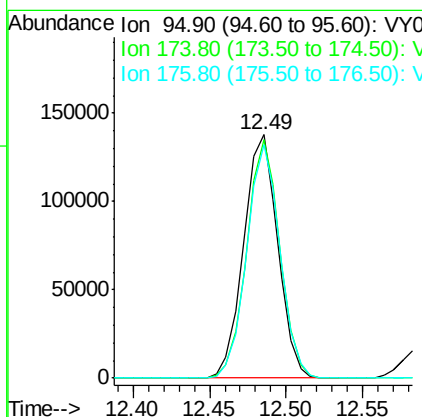
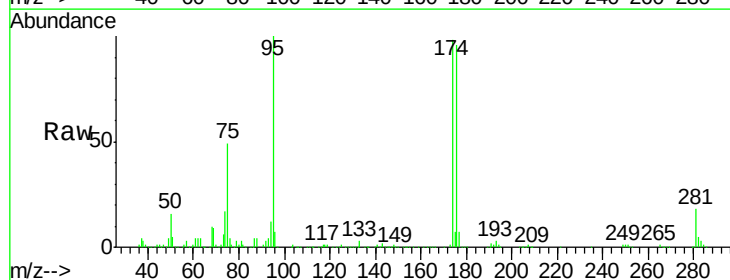
Manual Integrations
 APPROVED

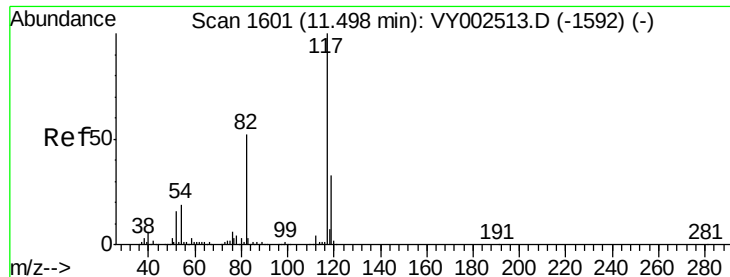
MMDadoda
 5/5/2020 11:28:57 AM



#62
 4-Bromofluorobenzene
 Concen: 49.127 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	188.8
176	93.3	0.0	183.2





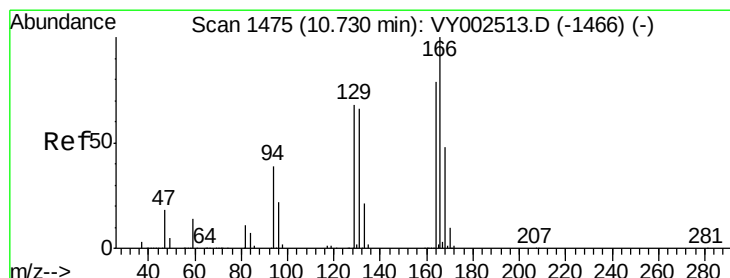
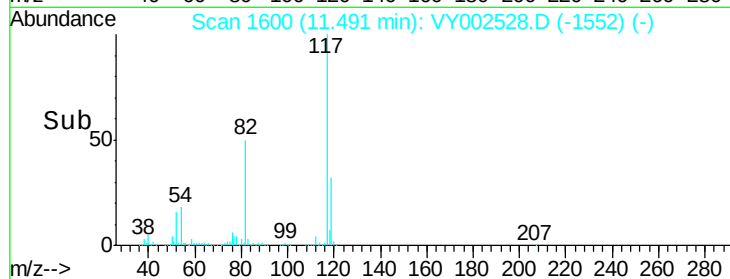
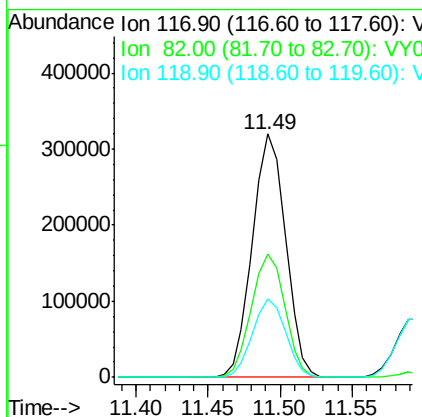
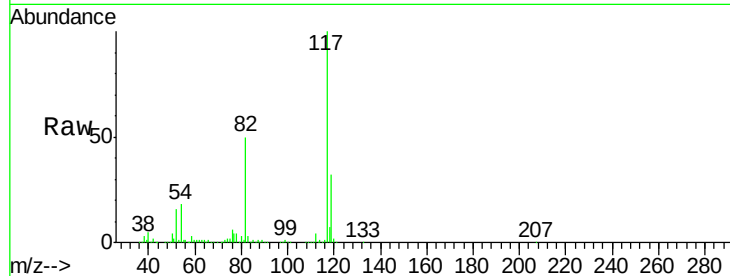
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	511851		
82	50.4		41.3	61.9
119	32.0		26.0	39.0

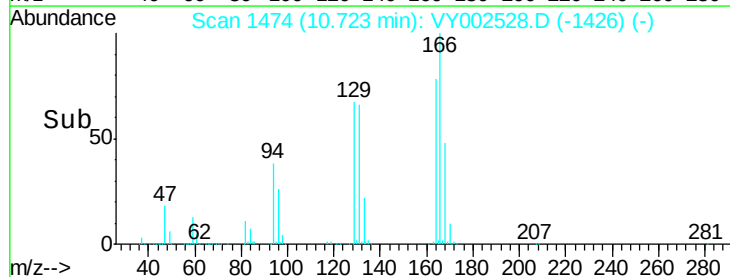
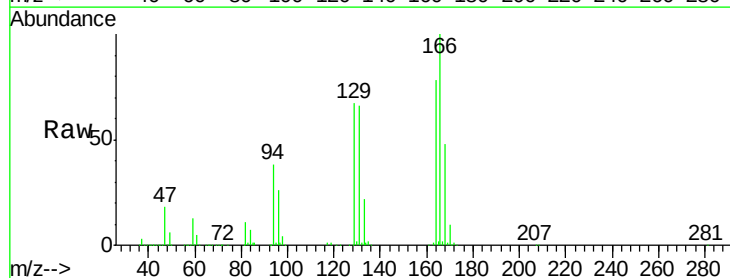
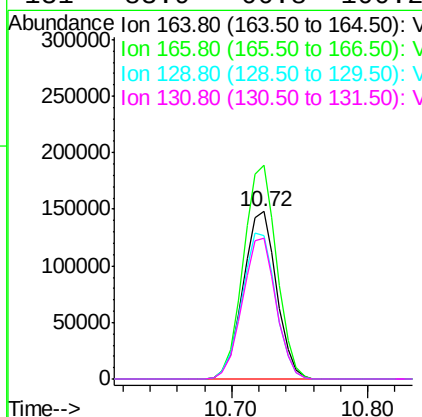
Manual Integrations
APPROVED

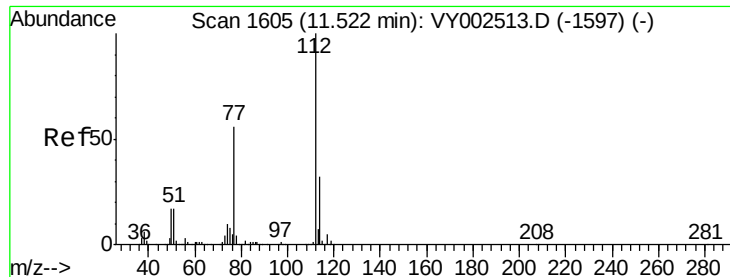
MMDadoda
5/5/2020 11:28:57 AM



#64
Tetrachloroethene
Concen: 55.770 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	253628		
166	127.7		100.7	151.1
129	85.8		68.3	102.5
131	83.9		66.8	100.2





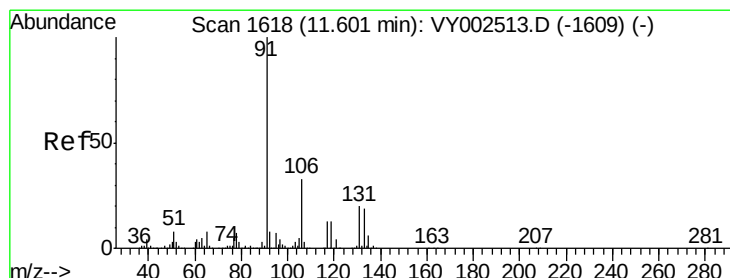
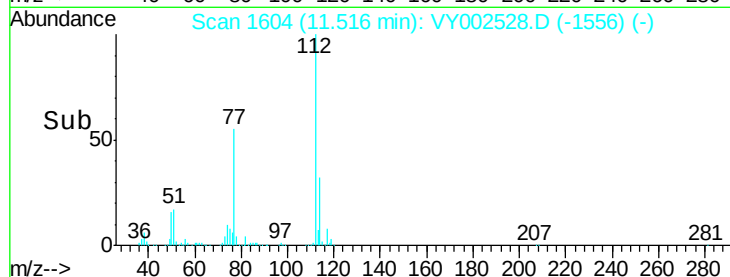
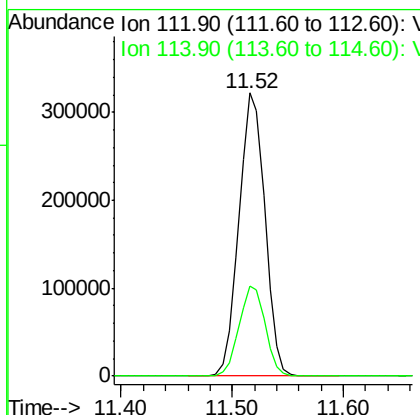
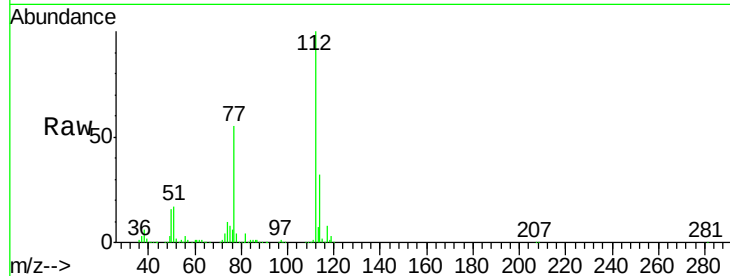
#65
Chlorobenzene
Concen: 53.542 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	520980		
114	32.0	25.8	38.6	

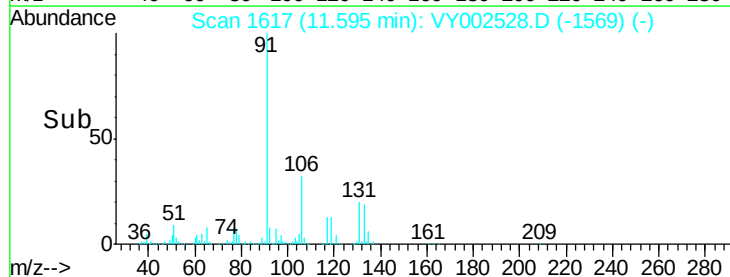
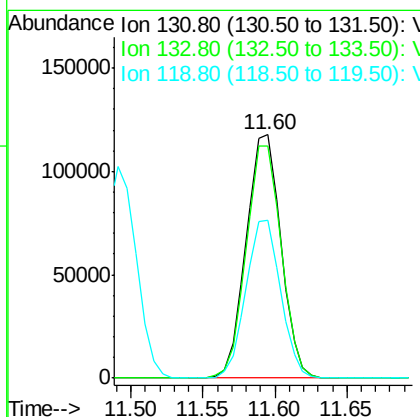
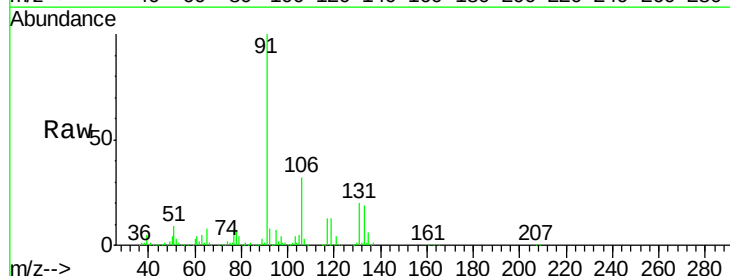
Manual Integrations
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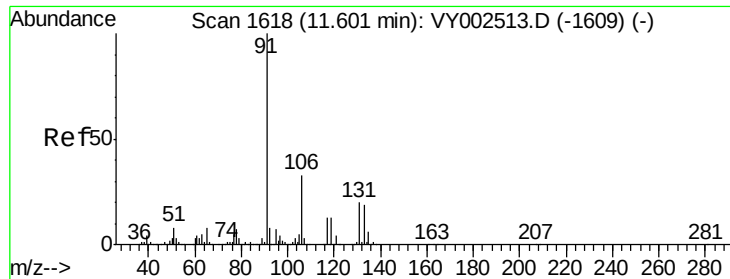
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.487 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	196803		
133	96.1	48.1	144.4	
119	64.5	31.6	95.0	





#67

Ethyl Benzene

Concen: 53.735 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 918429

Ion Ratio Lower Upper

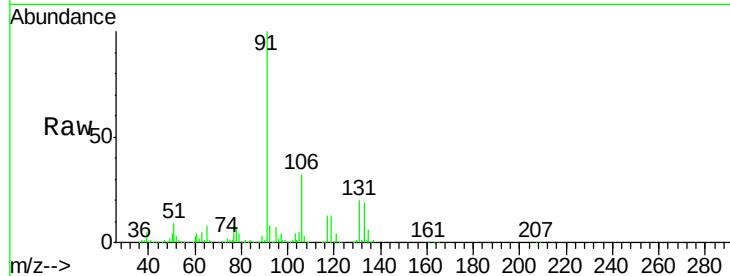
91 100

106 32.1 26.1 39.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY002513.D (-1609) (-)

800000

600000

400000

200000

0

11.50

11.60

11.70

11.80

11.90

12.00

12.10

12.20

12.30

12.40

12.50

12.60

12.70

12.80

12.90

13.00

13.10

13.20

13.30

13.40

13.50

13.60

13.70

13.80

13.90

14.00

14.10

14.20

14.30

14.40

14.50

14.60

14.70

14.80

14.90

15.00

15.10

15.20

15.30

15.40

15.50

15.60

15.70

15.80

15.90

16.00

16.10

16.20

16.30

16.40

16.50

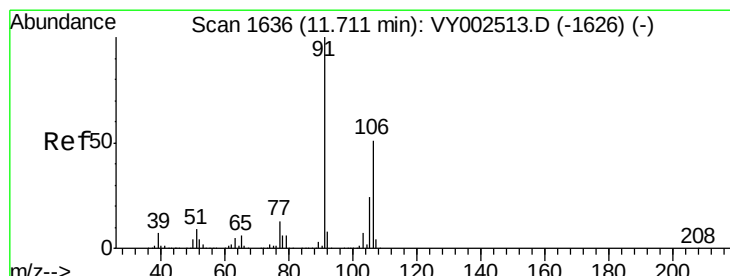
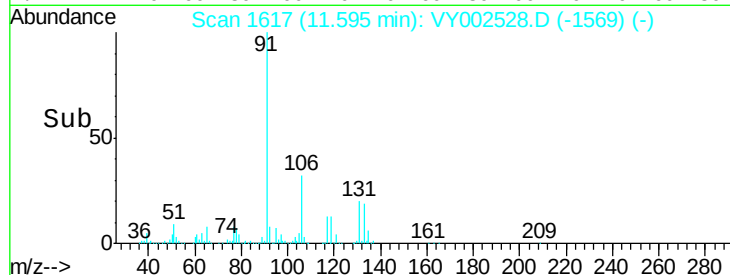
16.60

16.70

16.80

16.90

17.00



#68

m/p-Xylenes

Concen: 107.814 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002528.D

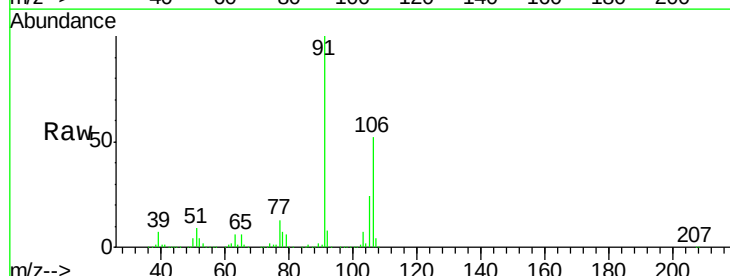
Acq: 04 May 2020 10:07

Tgt Ion: 106 Resp: 712999

Ion Ratio Lower Upper

106 100

91 194.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1626) (-)

800000

600000

400000

200000

0

11.60

11.70

11.80

11.90

12.00

12.10

12.20

12.30

12.40

12.50

12.60

12.70

12.80

12.90

13.00

13.10

13.20

13.30

13.40

13.50

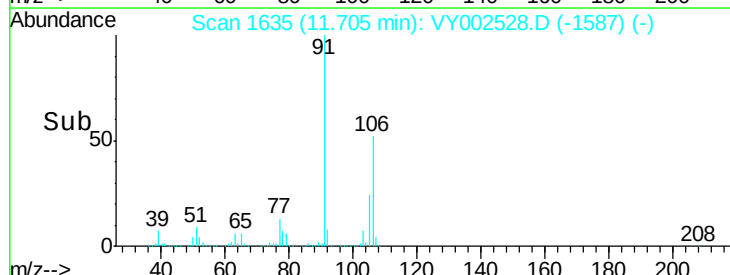
13.60

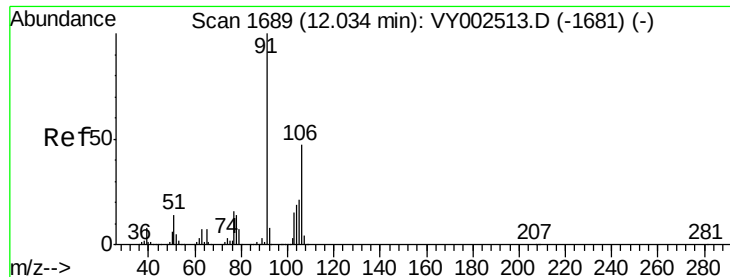
13.70

13.80

13.90

14.00





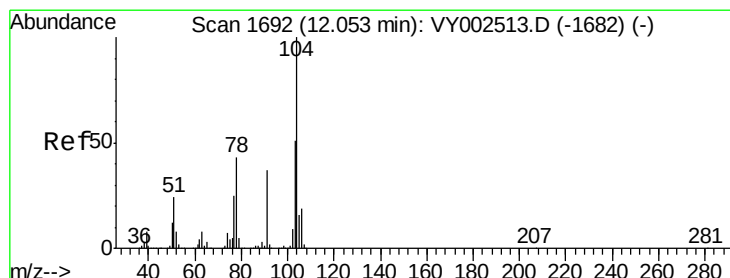
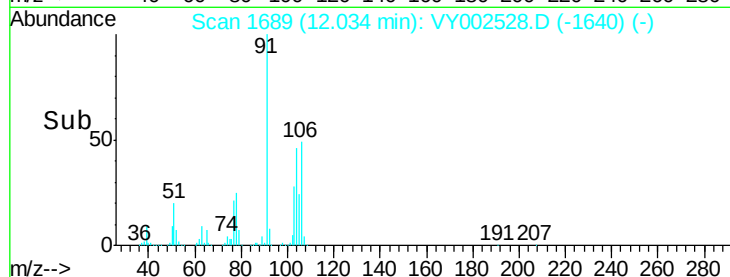
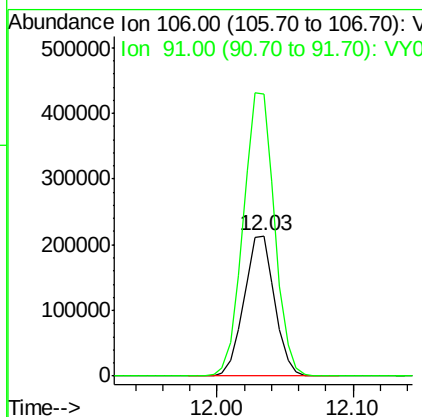
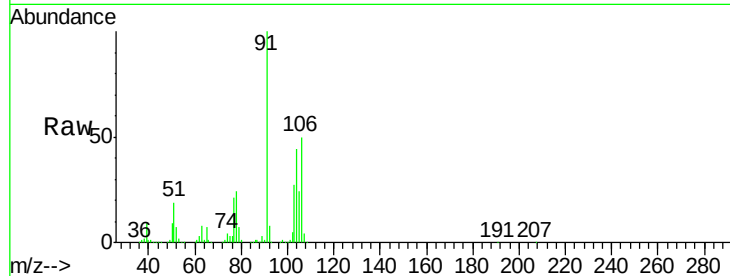
#69
o-Xylene
Concen: 54.209 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	205.9	103.8	335668	311.3	

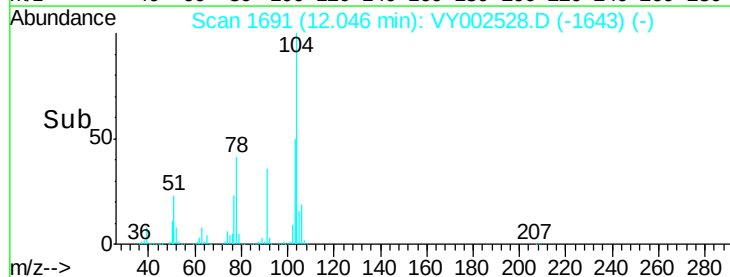
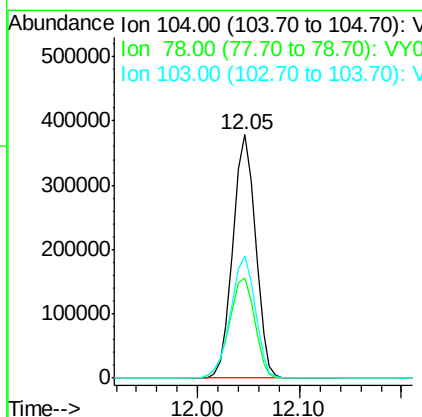
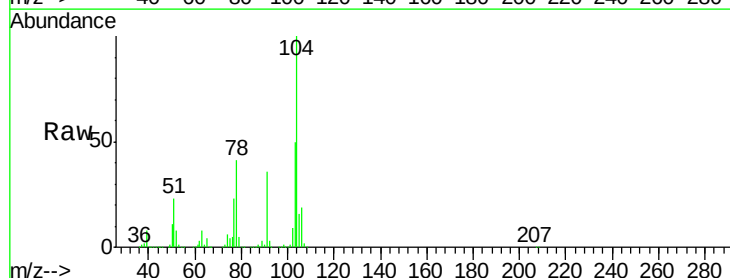
Manual Integrations
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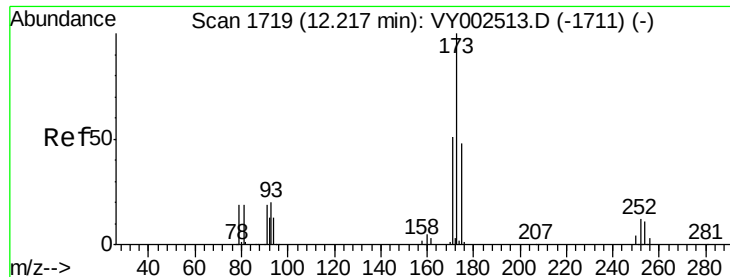
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#70
Styrene
Concen: 54.860 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	46.0	37.4	580720	56.0	
103	54.4	43.9		65.9	





#71

Bromoform

Concen: 56.650 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 126998

Ion Ratio Lower Upper

173 100

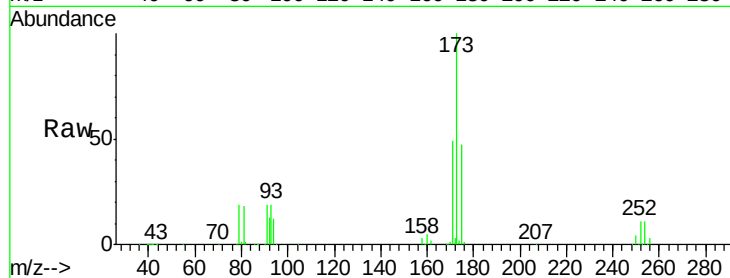
175 48.6 24.3 72.8

254 0.1 0.2 0.2#

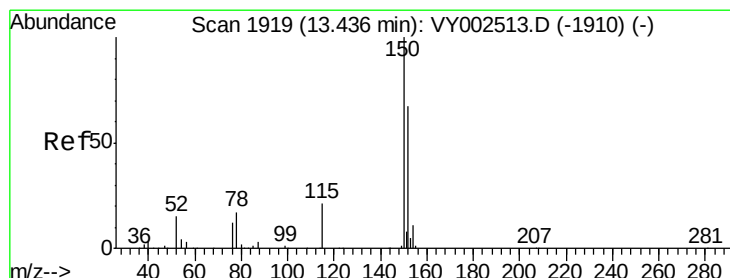
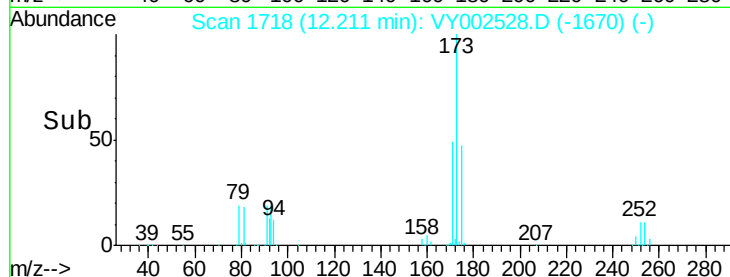
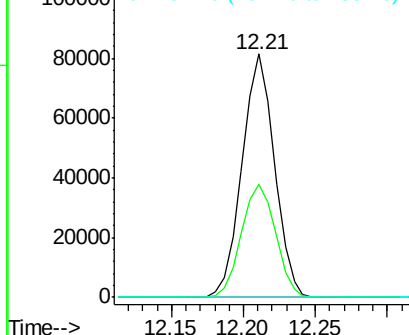
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

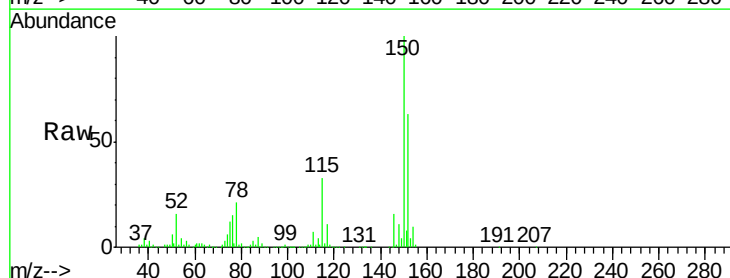
Tgt Ion:152 Resp: 264071

Ion Ratio Lower Upper

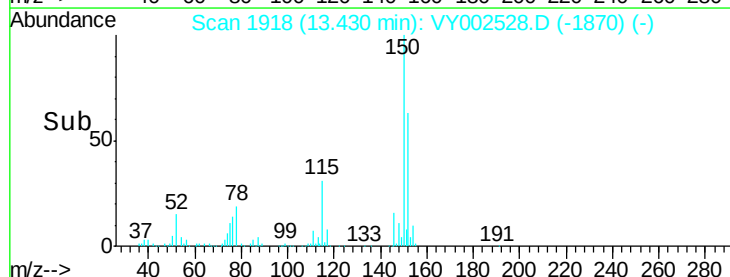
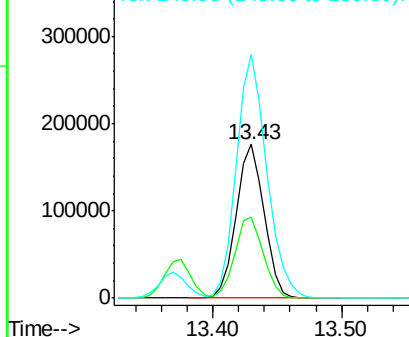
152 100

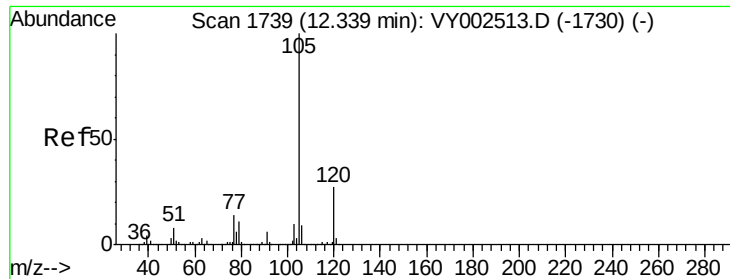
115 53.6 27.5 82.4

150 172.7 0.0 346.4



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





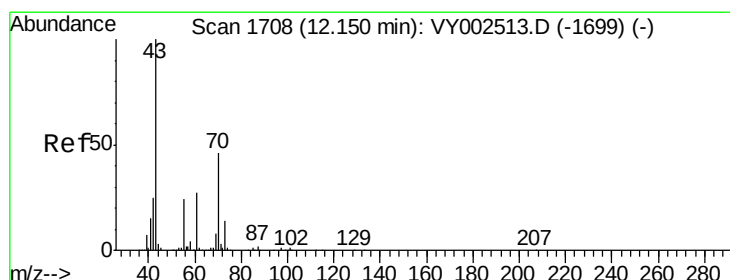
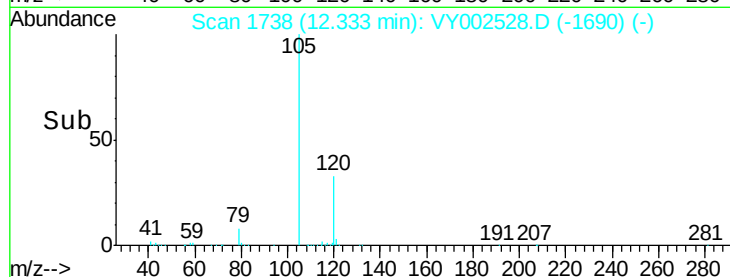
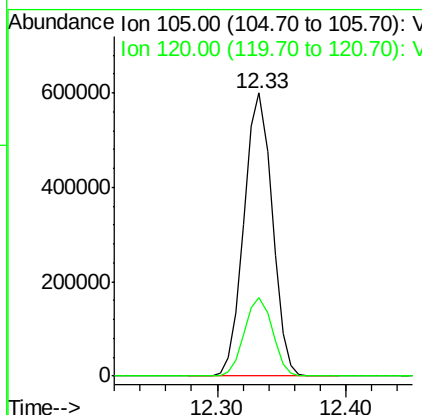
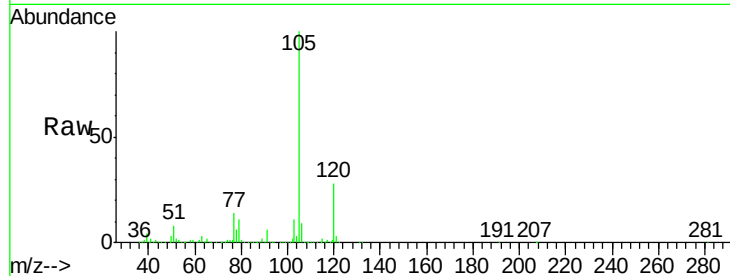
#73
Isopropylbenzene
Concen: 53.012 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.8	41.3

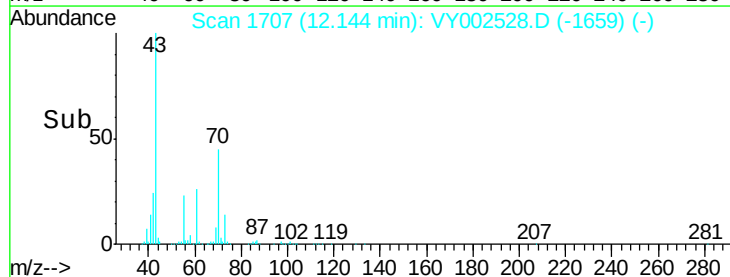
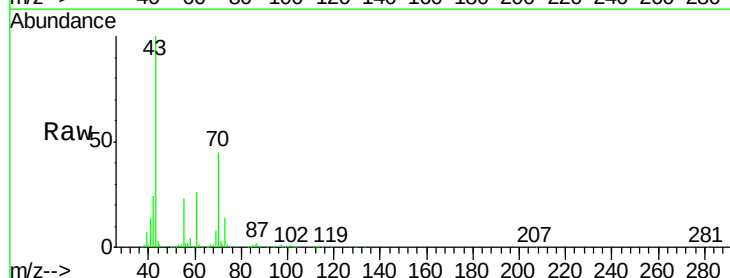
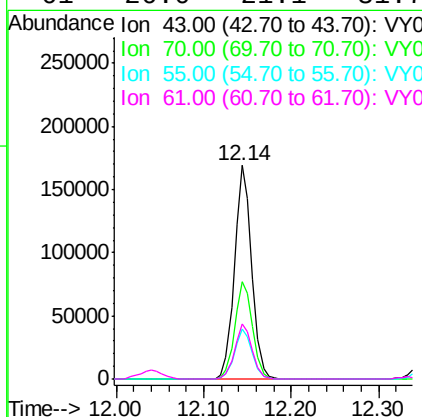
Manual Integrations
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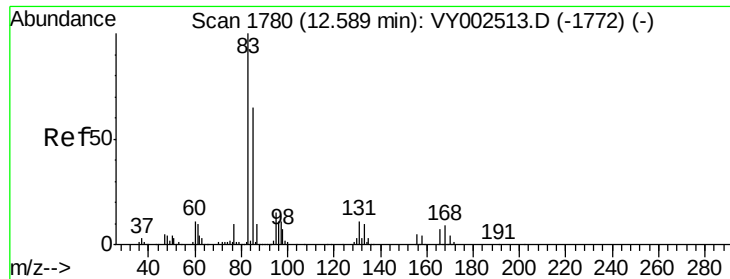
MMDadoda
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#74
N-ethyl acetate
Concen: 56.550 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.7	36.7	55.1
55	23.8	19.2	28.8
61	26.0	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.058 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

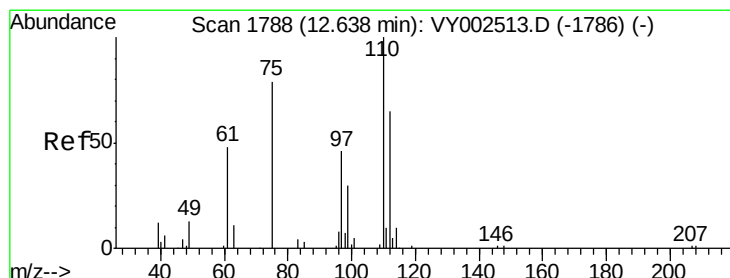
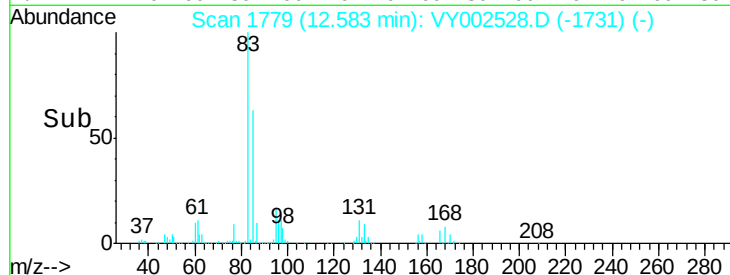
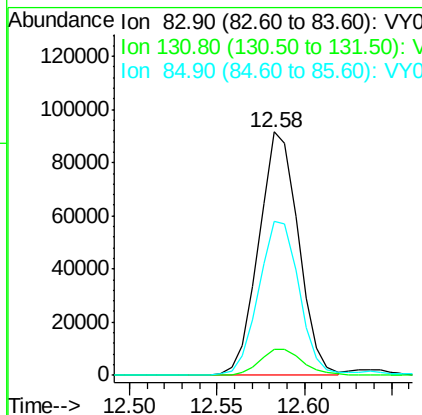
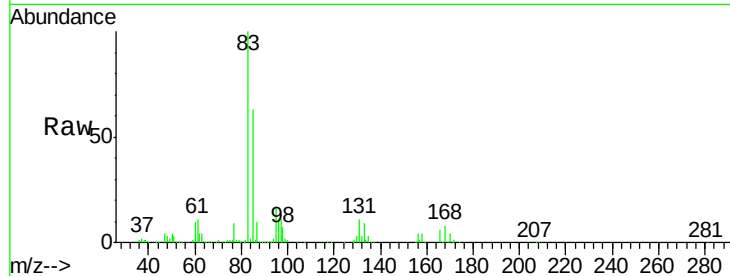
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	144413
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.8
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.871 ug/l m

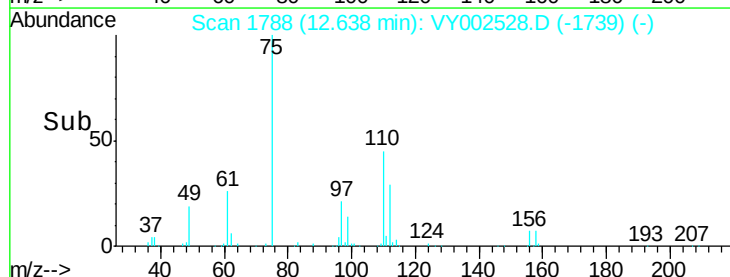
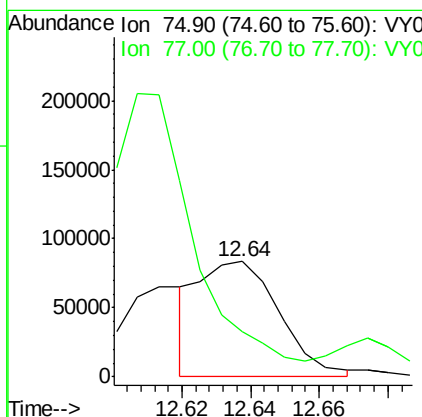
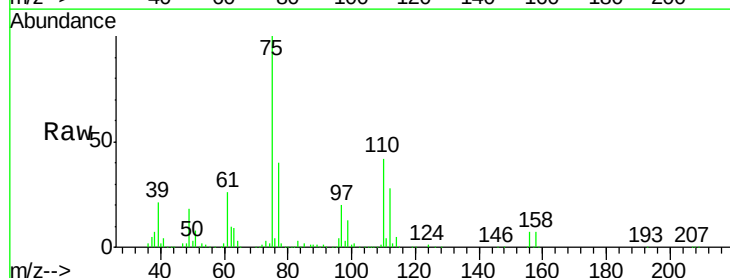
RT: 12.64 min Scan# 1788

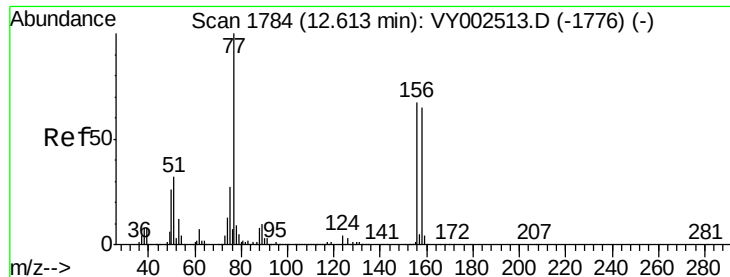
Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	75	Resp:	135807
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.159 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

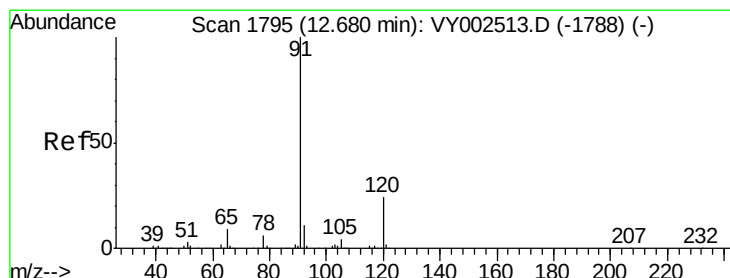
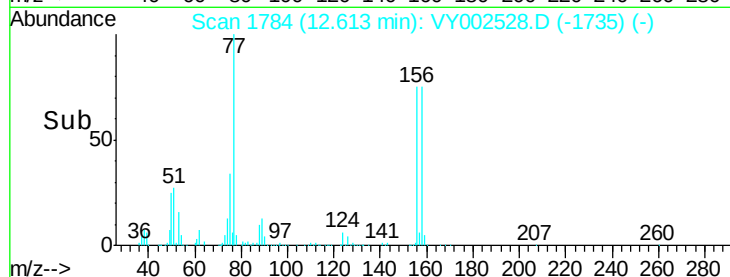
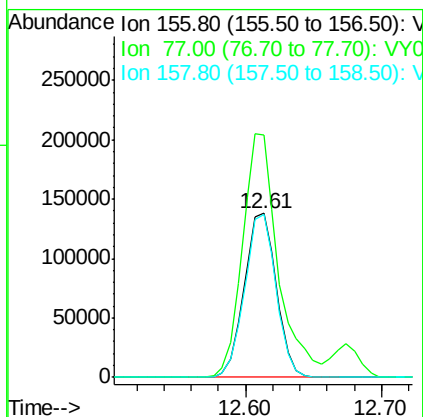
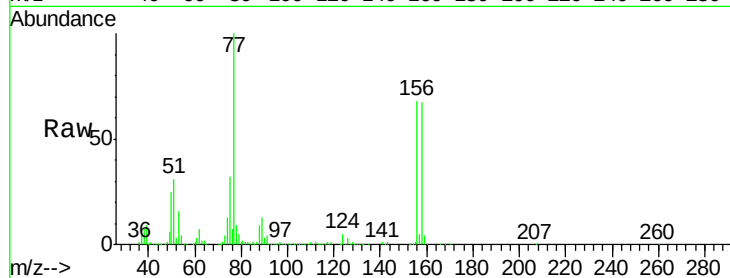
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	227301
Ion Ratio	Lower	Upper	
156	100		
77	165.2	82.0	245.8
158	97.4	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.461 ug/l

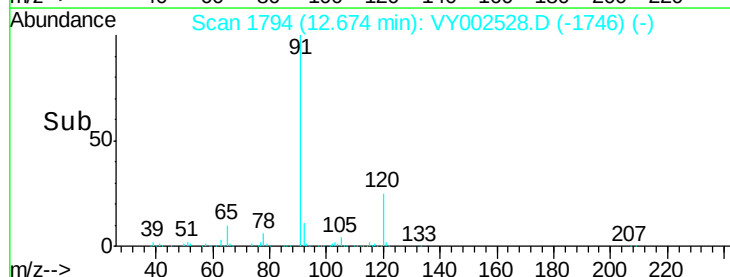
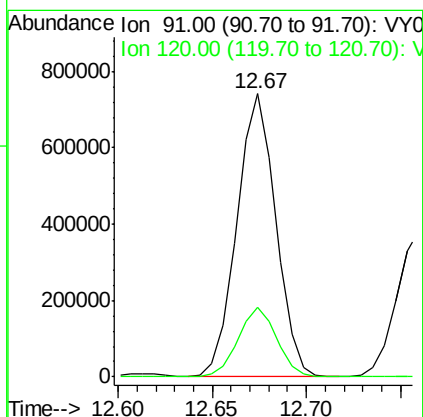
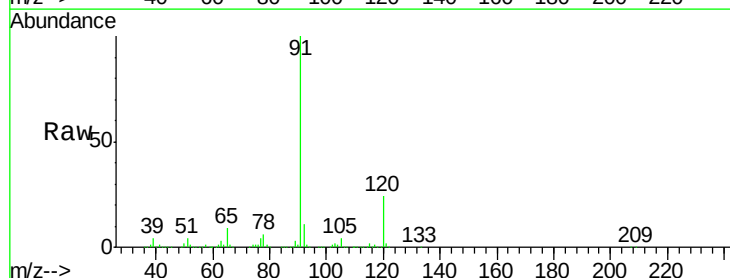
RT: 12.67 min Scan# 1794

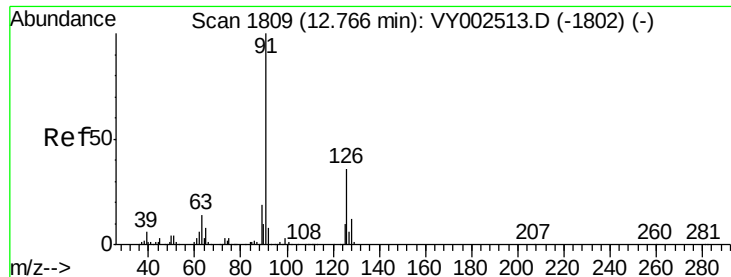
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	91	Resp:	1061774
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 53.020 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 583296

Ion Ratio Lower Upper

91 100

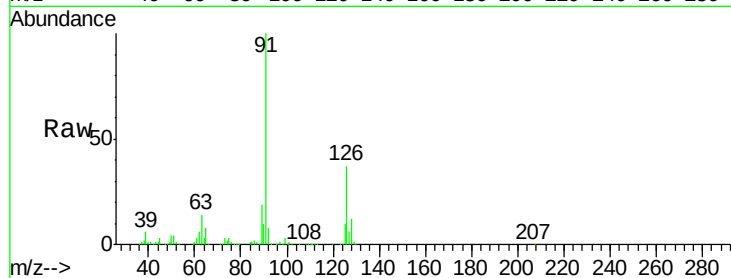
126 36.7 18.4 55.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002513.D (-1802) (-)

600000

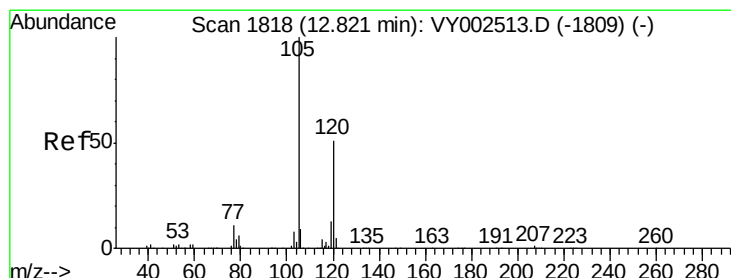
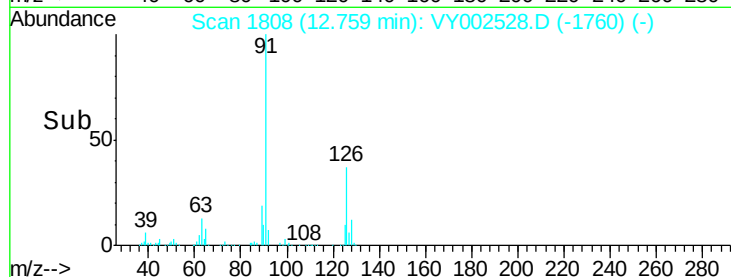
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.719 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002528.D

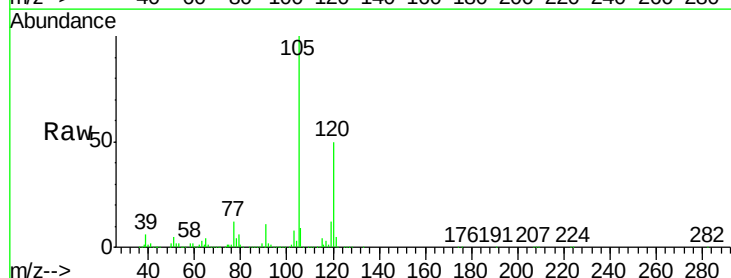
Acq: 04 May 2020 10:07

Tgt Ion: 105 Resp: 762076

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002513.D (-1809) (-)

600000

500000

400000

300000

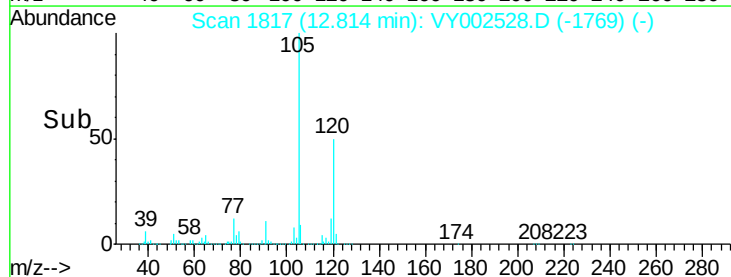
200000

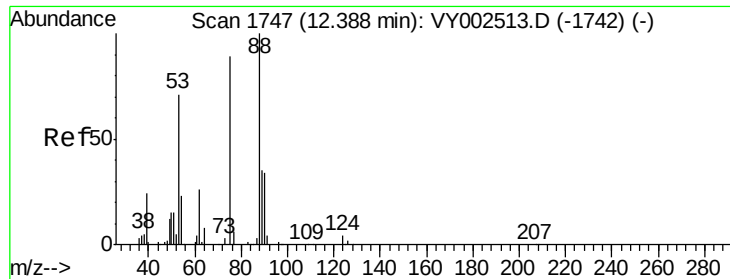
100000

0

12.70 12.80 12.90

Time-->





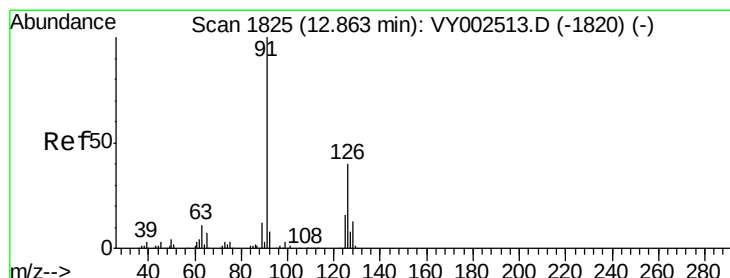
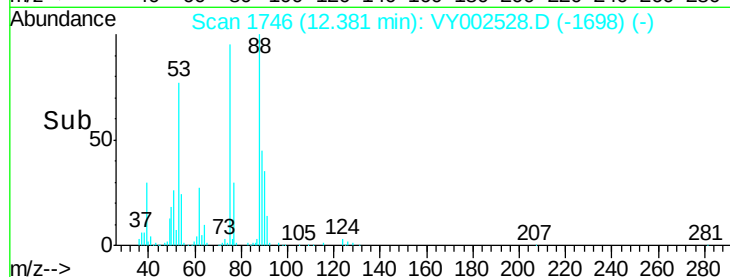
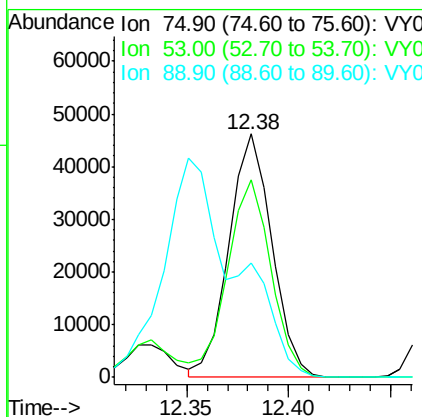
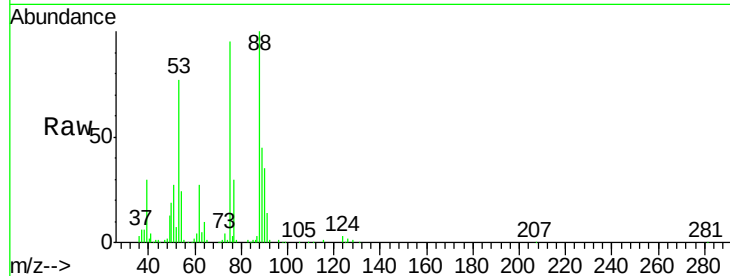
#81
trans-1,4-Dichloro-2-butene
Concen: 57.039 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.2	67.4	101.0
89	0.0	37.4	56.0#

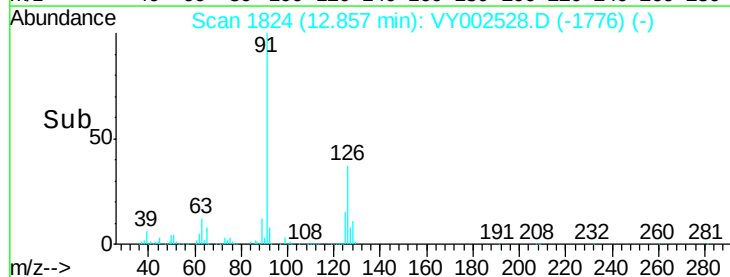
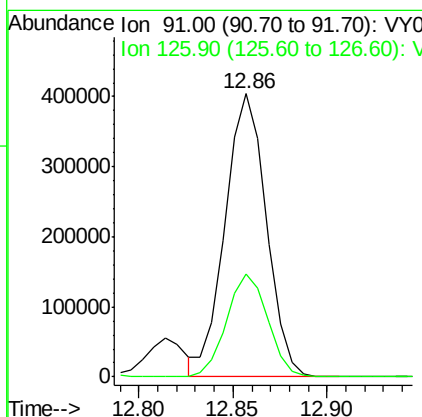
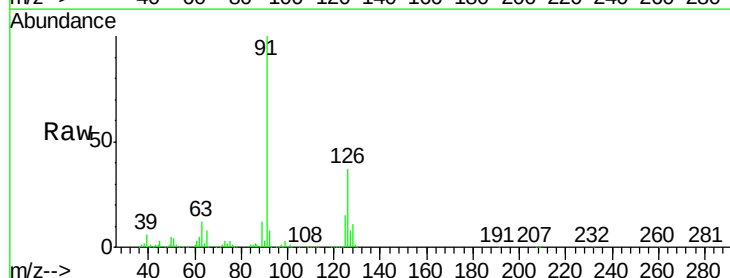
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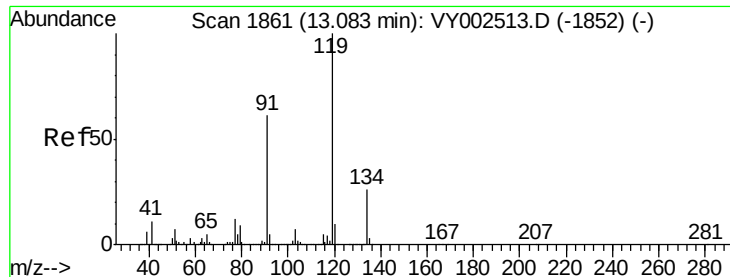
MMDadoda
5/5/2020 11:28:57 AM



#82
4-Chlorotoluene
Concen: 53.089 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5





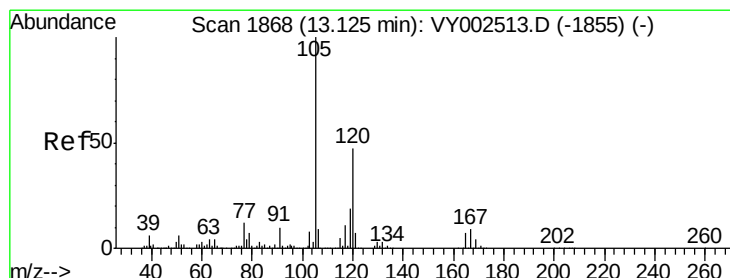
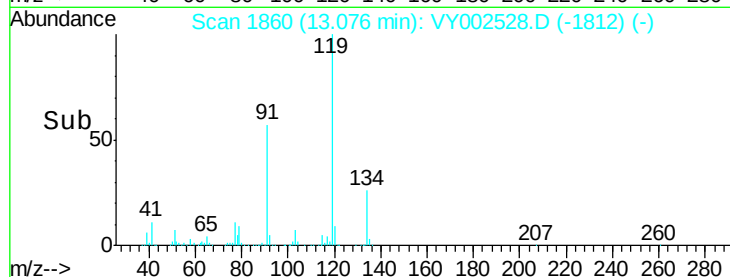
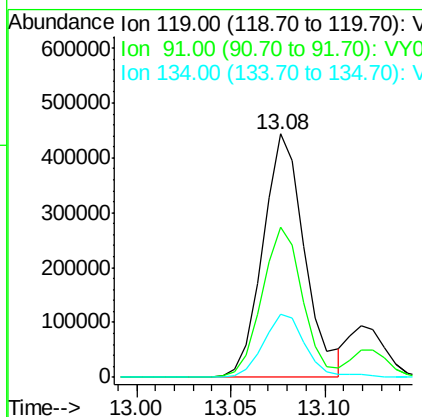
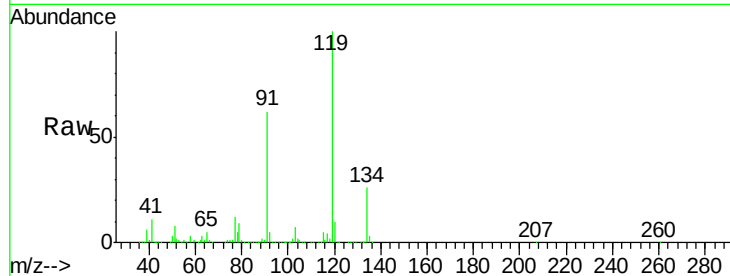
#83
tert-Butylbenzene
Concen: 54.687 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.6	91.6
134	26.4	13.5	40.4

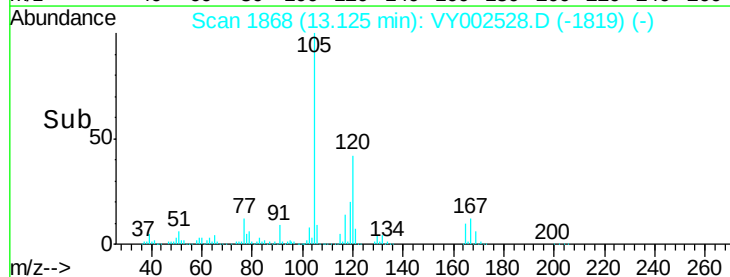
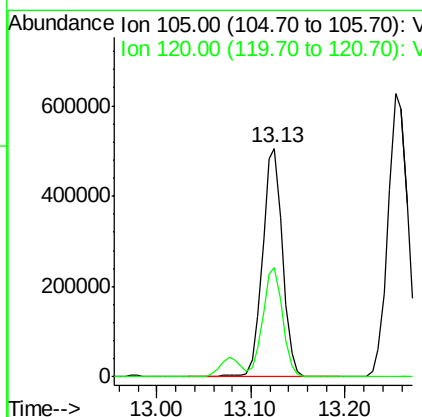
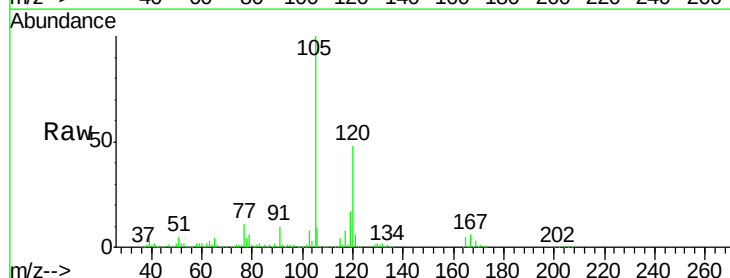
Manual Integrations
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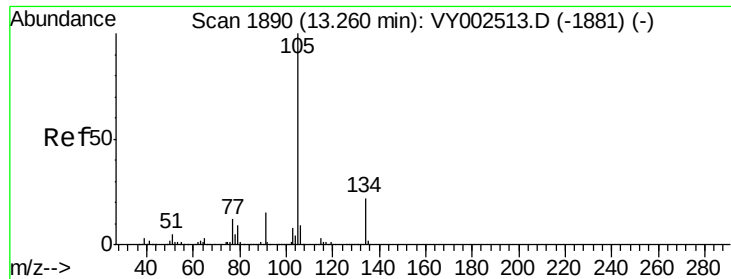
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.598 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 53.498 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 923405

Ion Ratio Lower Upper

105 100

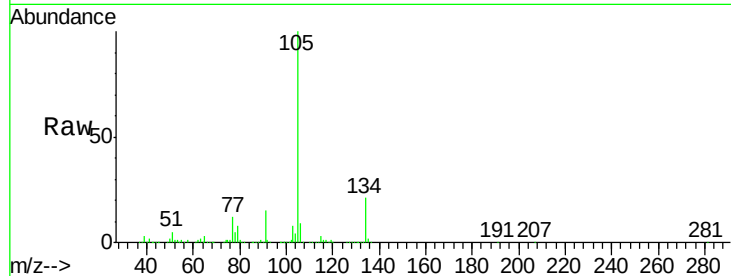
134 21.5 10.8 32.3

Manual Integrations

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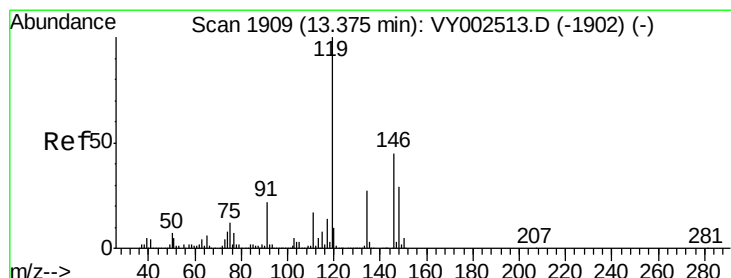
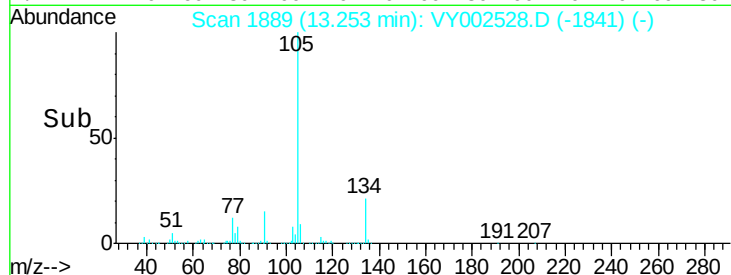
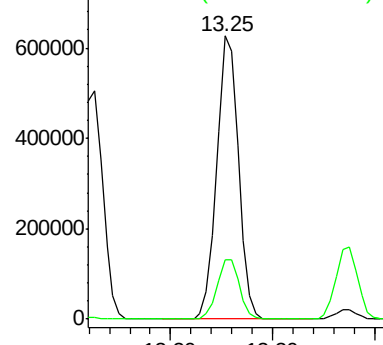
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.632 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

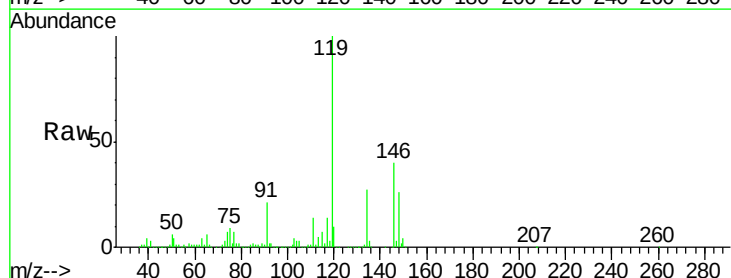
Tgt Ion:119 Resp: 867403

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

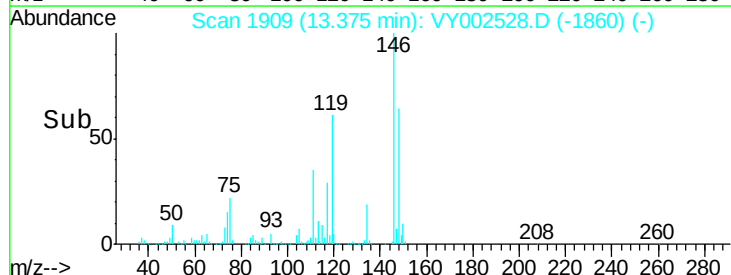
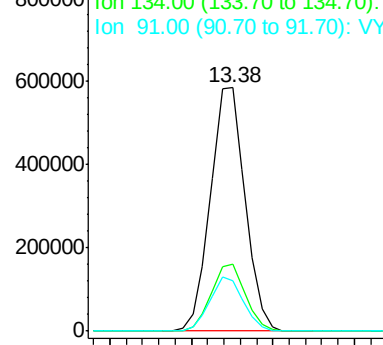
91 21.7 10.9 32.9

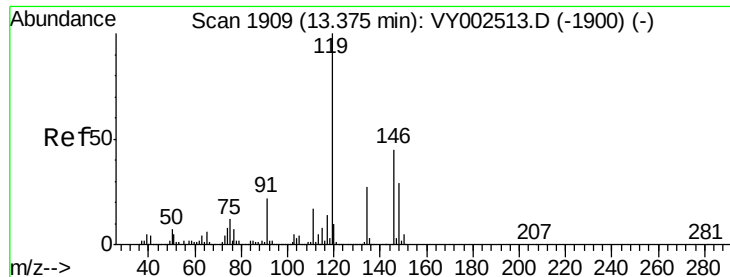


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 53.527 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

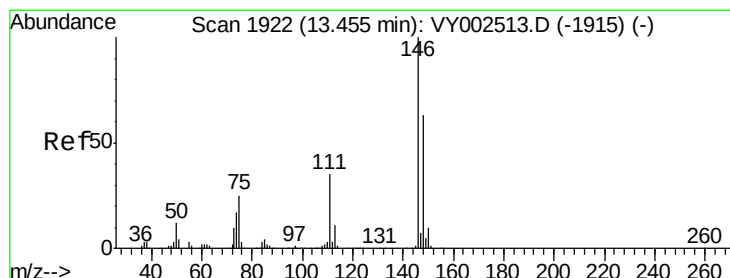
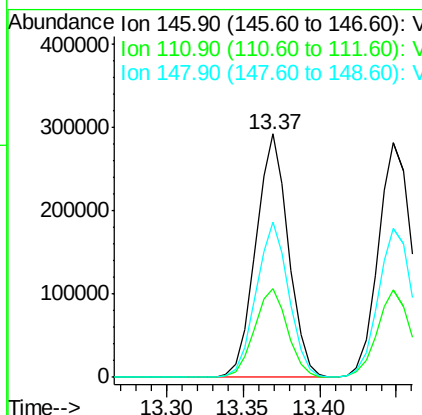
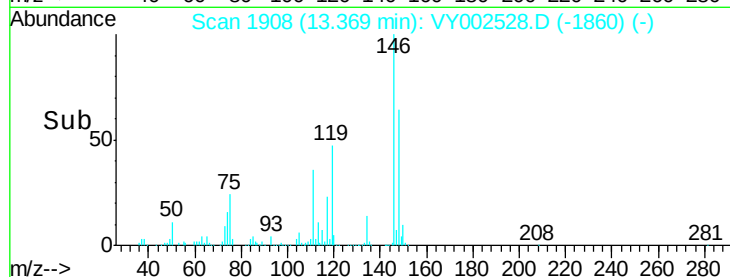
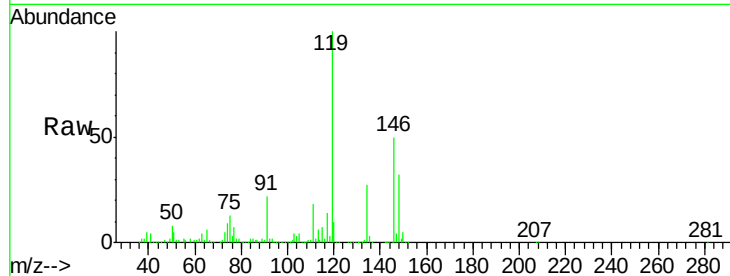
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	63.8	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 53.126 ug/l

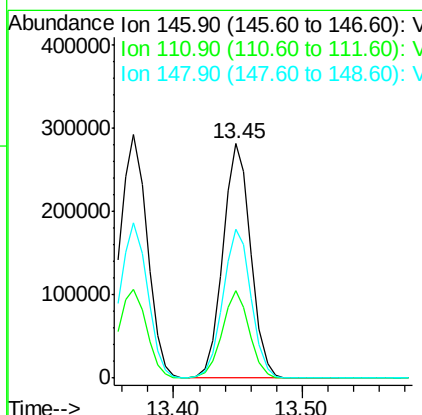
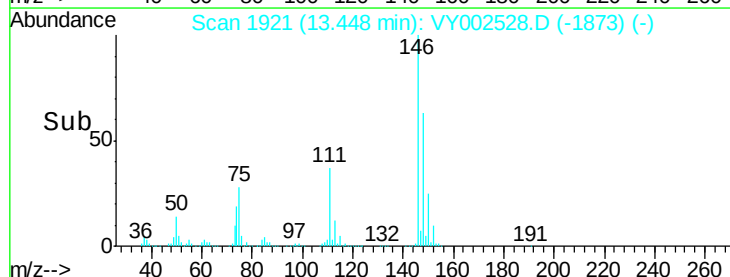
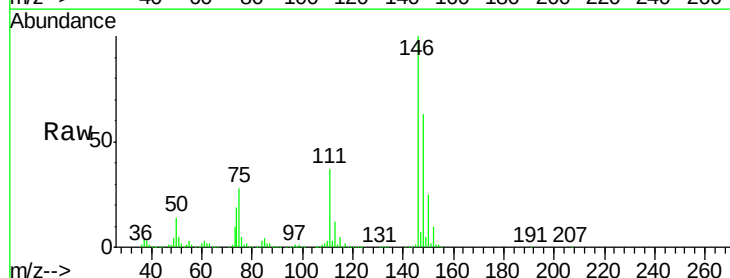
RT: 13.45 min Scan# 1921

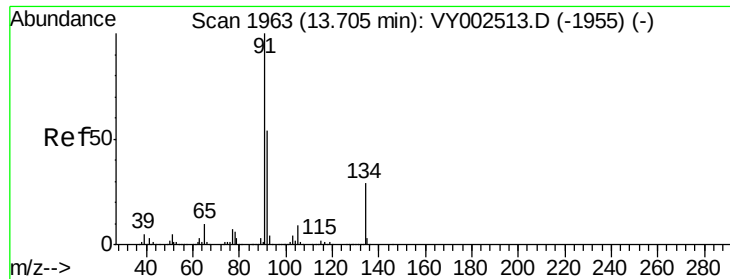
Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.2	31.9	95.5





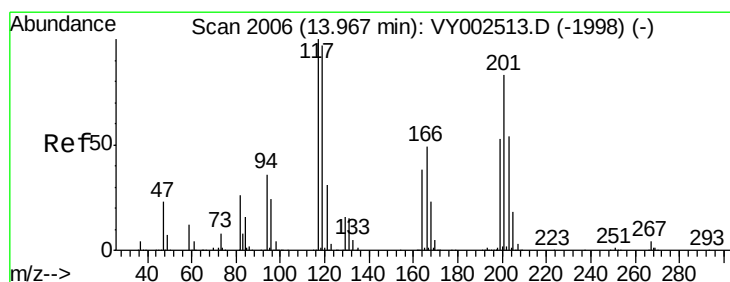
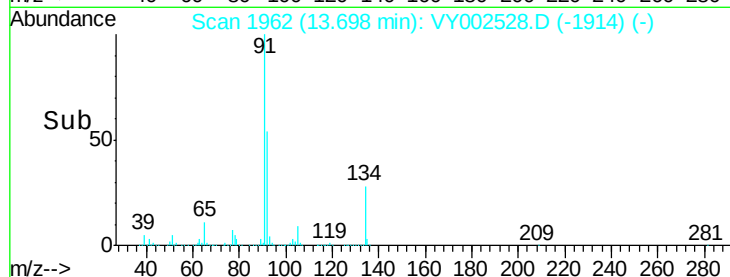
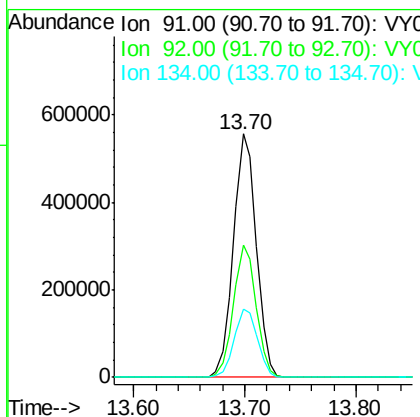
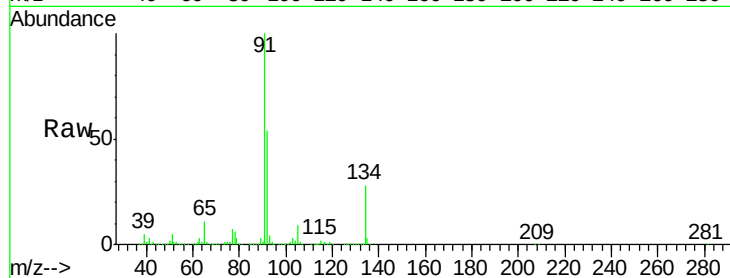
#89
n-Butylbenzene
Concen: 53.667 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.3
134	28.5	14.4	43.0

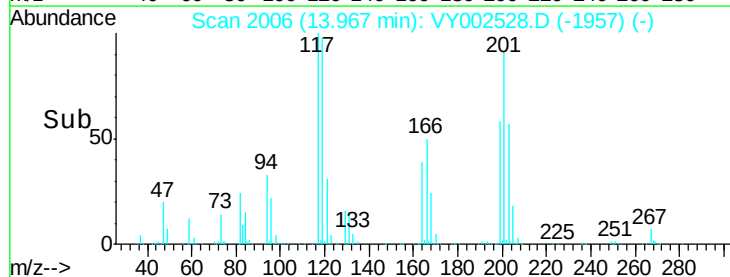
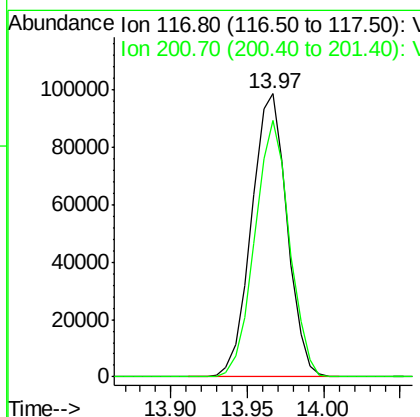
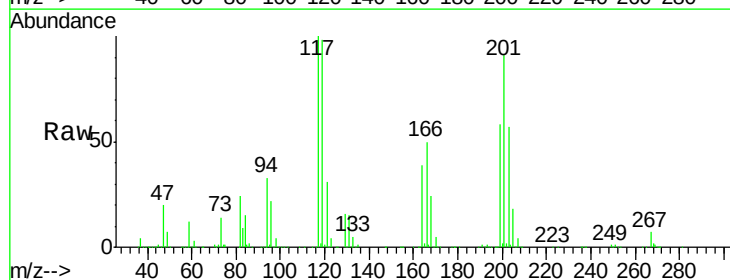
Manual Integrations
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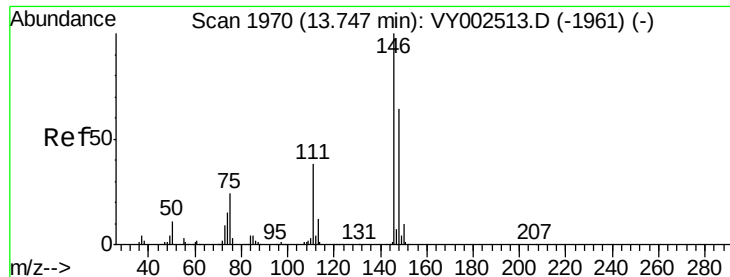
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#90
Hexachloroethane
Concen: 54.267 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	44.4	133.2





#91

1,2-Dichlorobenzene

Concen: 53.046 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

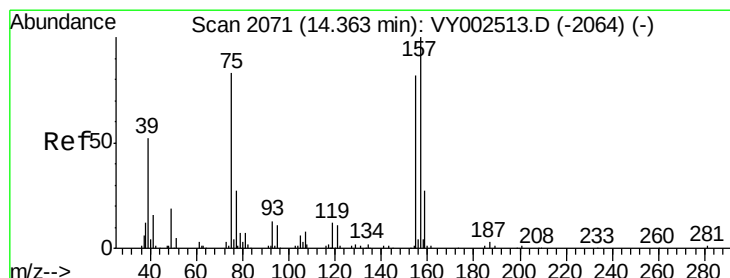
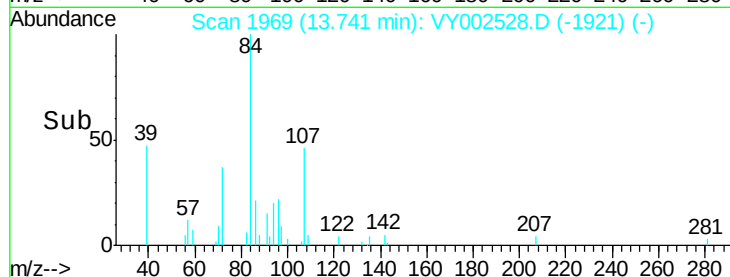
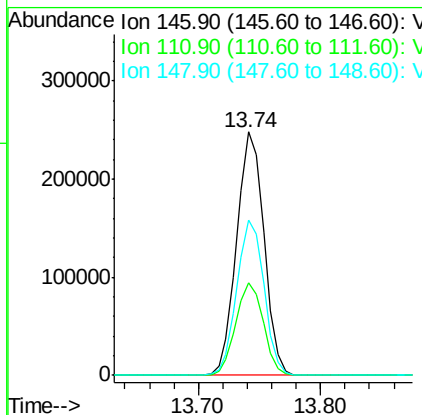
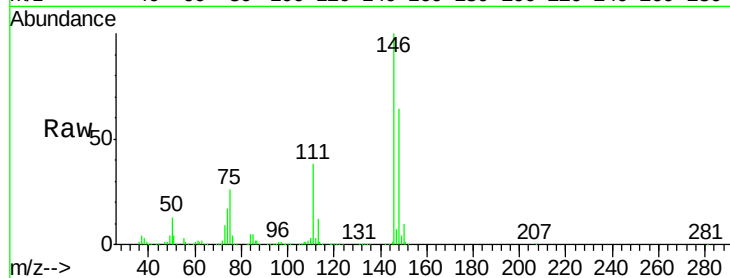
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	383057
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.1	57.5
148	63.8	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.501 ug/l

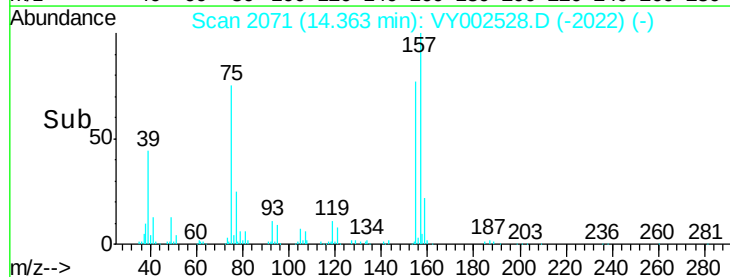
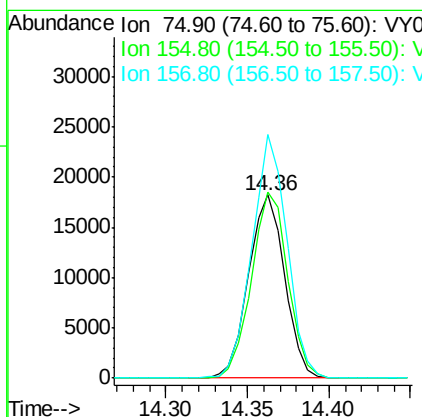
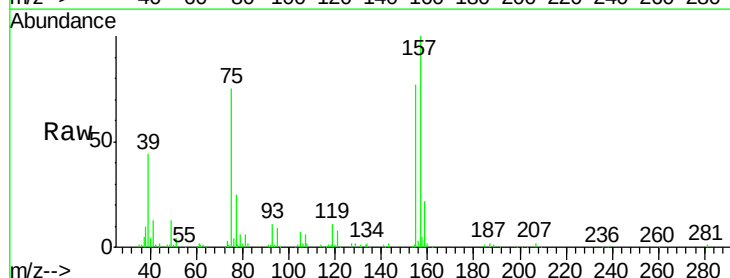
RT: 14.36 min Scan# 2071

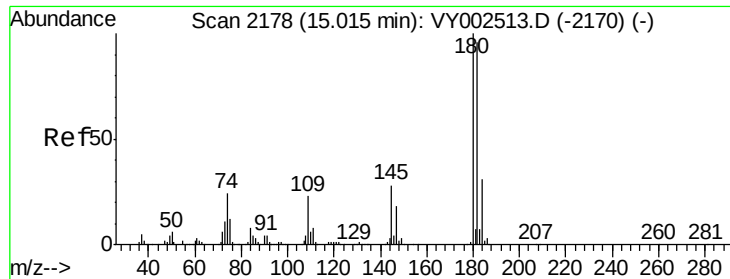
Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion:	75	Resp:	28159
Ion Ratio	Lower	Upper	
75	100		
155	101.8	51.3	153.9
157	128.7	65.0	195.0





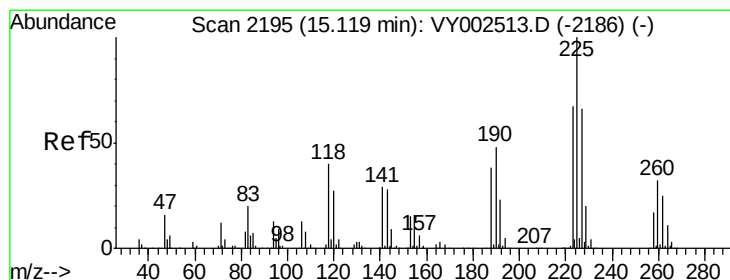
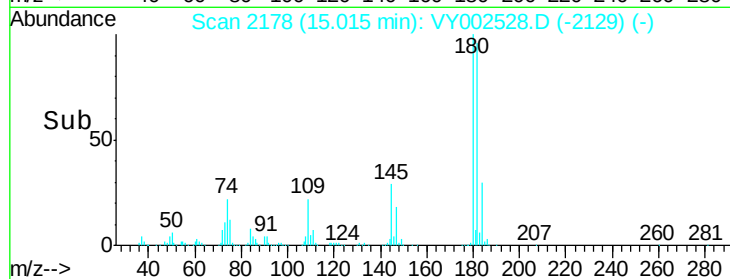
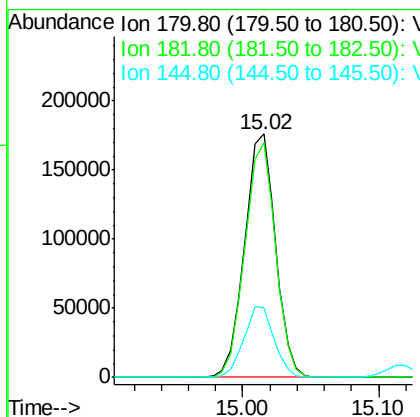
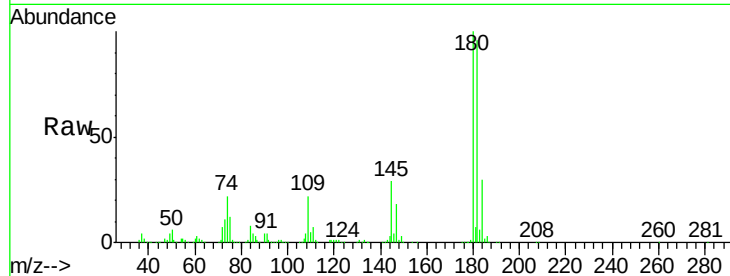
#93
 1,2,4-Trichlorobenzene
 Concen: 53.500 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280485		
182	95.7	47.9	143.6	
145	28.7	14.4	43.0	

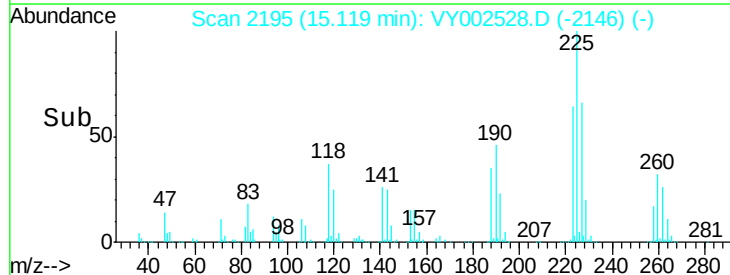
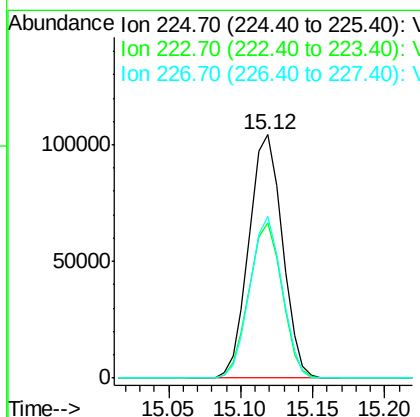
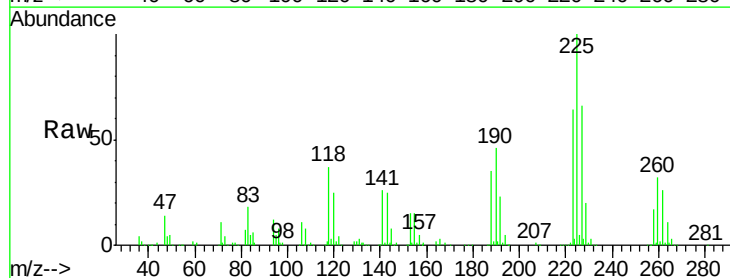
Manual Integrations
 APPROVED

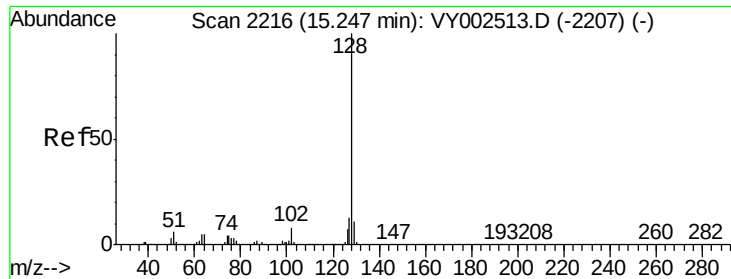
MMDadoda
 5/5/2020 11:28:57 AM



#94
 Hexachlorobutadiene
 Concen: 53.184 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167368		
223	63.3	32.1	96.5	
227	64.1	32.0	96.2	





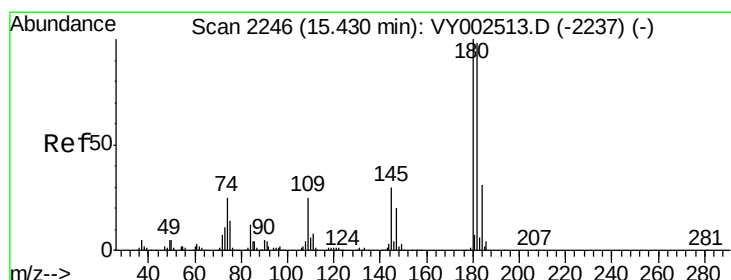
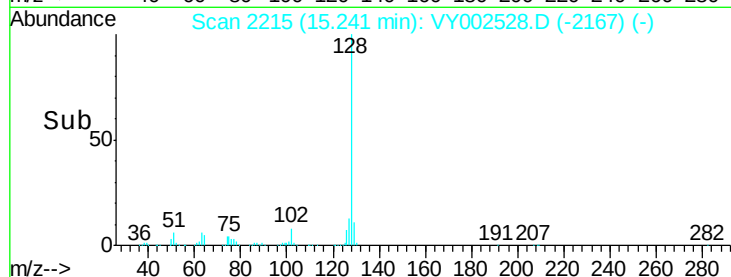
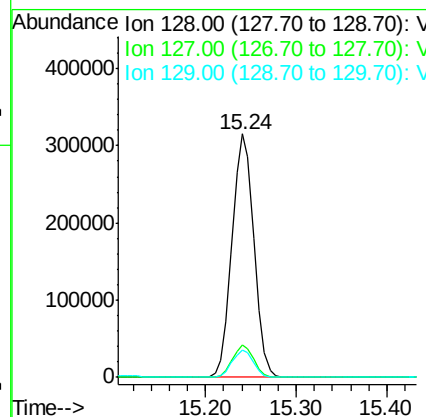
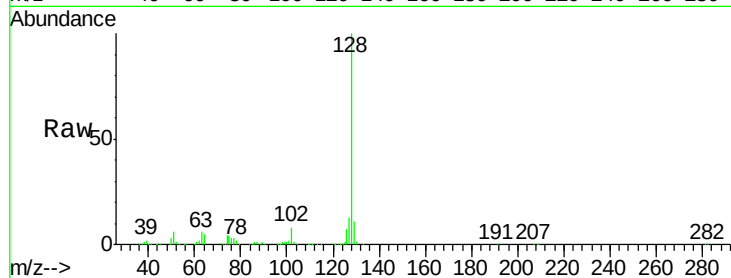
#95
Naphthalene
Concen: 54.945 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	525490		
127	12.9		10.5	15.7
129	10.9		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:28:57 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.376 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237556		
182	96.0		47.9	143.8
145	30.6		15.0	45.1

