

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002353.D
 Acq On : 15 Apr 2020 21:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 10:31:38 AM

Quant Time: Apr 16 08:03:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155440	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	298532	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	267460	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	116916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	87371	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.75	113	89215	50.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.19	98	366422	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.49	95	119951	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	71316	45.396	ug/l	93
3) Chloromethane	2.13	50	95490	48.297	ug/l	99
4) Vinyl Chloride	2.26	62	99241	47.158	ug/l	95
5) Bromomethane	2.66	94	65049	50.054	ug/l	97
6) Chloroethane	2.81	64	59679	49.172	ug/l	98
7) Trichlorofluoromethane	3.15	101	128703	47.356	ug/l	99
8) Diethyl Ether	3.55	74	61158	52.933	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	88706	48.050	ug/l	99
10) Methyl Iodide	4.12	142	103428	48.198	ug/l	98
11) Tert butyl alcohol	4.99	59	52765	292.200	ug/l	100
12) 1,1-Dichloroethene	3.90	96	94494	50.346	ug/l	91
13) Acrolein	3.76	56	53853	241.622	ug/l	100
14) Allyl chloride	4.51	41	152136	50.196	ug/l	97
15) Acrylonitrile	5.20	53	160188	271.120	ug/l	98
16) Acetone	3.97	43	102149	224.363	ug/l	98
17) Carbon Disulfide	4.22	76	306510	49.173	ug/l	100
18) Methyl Acetate	4.51	43	74382	52.671	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	261031	52.901	ug/l	100
20) Methylene Chloride	4.75	84	113972	50.931	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	107347	50.955	ug/l	97
22) Diisopropyl ether	6.16	45	314636	51.584	ug/l	95
23) Vinyl Acetate	6.10	43	1011430	260.212	ug/l	99
24) 1,1-Dichloroethane	6.05	63	181214	52.233	ug/l	99
25) 2-Butanone	7.02	43	179595	249.261	ug/l	99
26) 2,2-Dichloropropane	7.01	77	128010	44.109	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	121184	52.769	ug/l	95
28) Bromochloromethane	7.36	49	75385	50.336	ug/l	96
29) Tetrahydrofuran	7.38	42	123585	259.483	ug/l	99
30) Chloroform	7.53	83	169360	51.786	ug/l	99
31) Cyclohexane	7.81	56	168385	46.238	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	136252	50.055	ug/l	100
36) 1,1-Dichloropropene	7.94	75	137021	46.598	ug/l	98
37) Ethyl Acetate	7.10	43	83020	49.421	ug/l	99
38) Carbon Tetrachloride	7.93	117	115605	45.962	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	180715	45.179	ug/l	98
40) Benzene	8.18	78	435412	48.805	ug/l	99
41) Methacrylonitrile	7.35	41	37344m	37.685	ug/l	
42) 1,2-Dichloroethane	8.26	62	104816	47.429	ug/l	98
43) Isopropyl Acetate	8.30	43	149023	48.642	ug/l	99
44) Trichloroethene	8.96	130	122211	46.593	ug/l	95
45) 1,2-Dichloropropane	9.24	63	110132	49.753	ug/l	99
46) Dibromomethane	9.32	93	57968	50.085	ug/l	100
47) Bromodichloromethane	9.52	83	131683	49.586	ug/l	97
48) Methyl methacrylate	9.31	41	64325	46.825	ug/l	93
49) 1,4-Dioxane	9.32	88	16420	1002.941	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	403210	252.571	ug/l	98
52) Toluene	10.26	92	264139	49.128	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	140111	48.423	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	171541	49.313	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	86550	51.078	ug/l	96
56) Ethyl methacrylate	10.52	69	123713	51.154	ug/l	95
57) 1,3-Dichloropropane	10.80	76	147233	49.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	328150	262.023	ug/l	100
59) 2-Hexanone	10.85	43	268315	242.170	ug/l	99
60) Dibromochloromethane	11.00	129	89804	49.703	ug/l	100
61) 1,2-Dibromoethane	11.10	107	80661	50.002	ug/l	99
64) Tetrachloroethene	10.73	164	126484	46.775	ug/l	96
65) Chlorobenzene	11.53	112	272428	49.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	90184	49.131	ug/l	98
67) Ethyl Benzene	11.60	91	489390	48.083	ug/l	99
68) m/p-Xylenes	11.71	106	364078	95.505	ug/l	99
69) o-Xylene	12.04	106	175036	48.907	ug/l	98
70) Styrene	12.05	104	303312	48.848	ug/l	99
71) Bromoform	12.22	173	51103	51.194	ug/l #	99
73) Isopropylbenzene	12.34	105	452813	49.299	ug/l	100
74) N-amyl acetate	12.15	43	127967	49.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	60120	54.100	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	63749m	46.955	ug/l	
77) Bromobenzene	12.62	156	100610	49.787	ug/l	99
78) n-propylbenzene	12.68	91	547729	47.948	ug/l	100
79) 2-Chlorotoluene	12.77	91	301818	48.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	367380	48.363	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	34961	50.085	ug/l	97
82) 4-Chlorotoluene	12.86	91	312999	48.104	ug/l	100
83) tert-Butylbenzene	13.08	119	309601	48.658	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	365833	48.228	ug/l	99
85) sec-Butylbenzene	13.26	105	447768	47.240	ug/l	99
86) p-Isopropyltoluene	13.38	119	383157	46.967	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	186964	47.739	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	187386	47.136	ug/l	100
89) n-Butylbenzene	13.70	91	376387	45.011	ug/l	99
90) Hexachloroethane	13.97	117	74511	47.931	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	170185	47.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12239	45.538	ug/l	92

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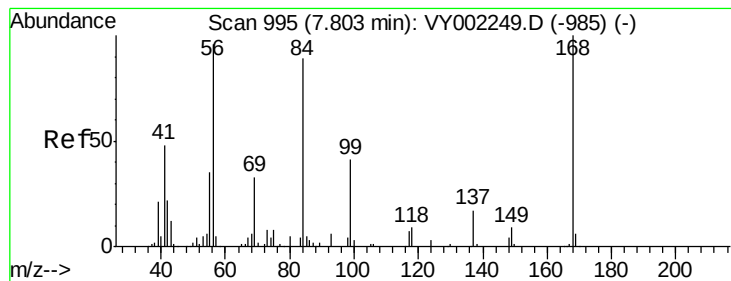
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	99159	42.630	ug/l	98
94) Hexachlorobutadiene	15.12	225	49383	42.152	ug/l	98
95) Naphthalene	15.25	128	230878	45.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	85196	42.182	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 155440

Ion Ratio Lower Upper

168 100

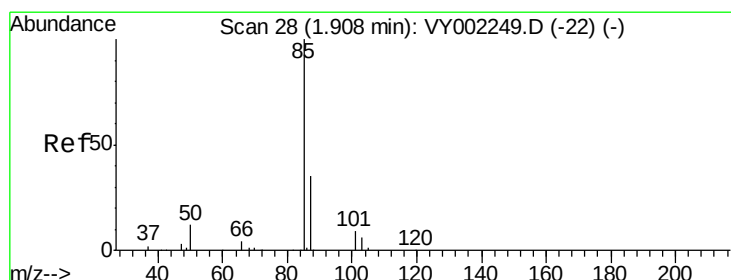
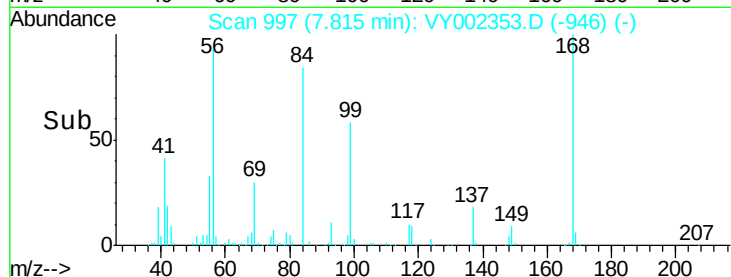
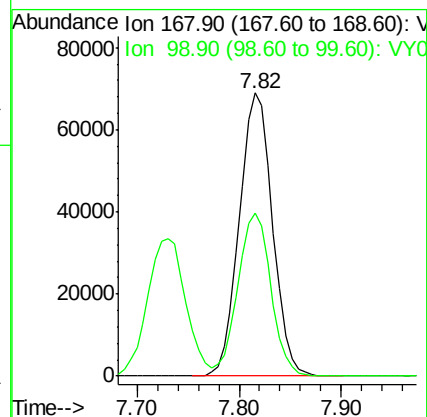
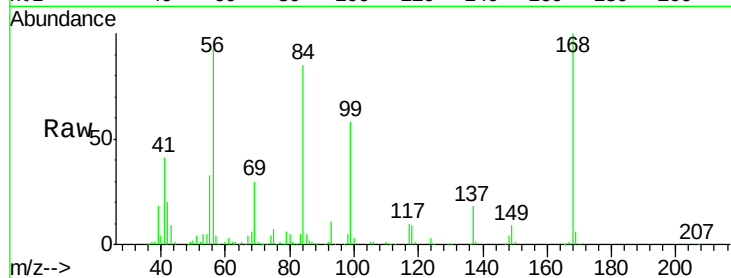
99 57.7 48.0 72.0

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#2

Dichlorodifluoromethane

Concen: 45.396 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002353.D

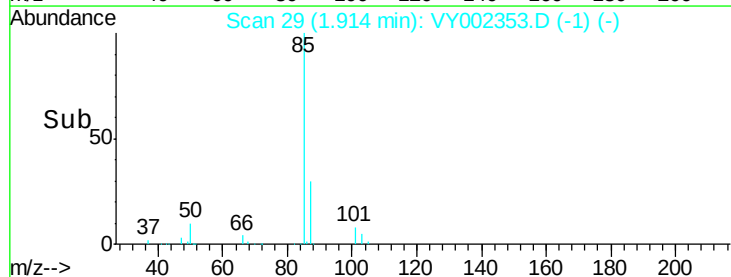
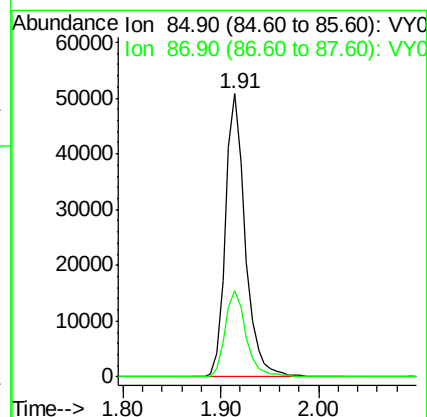
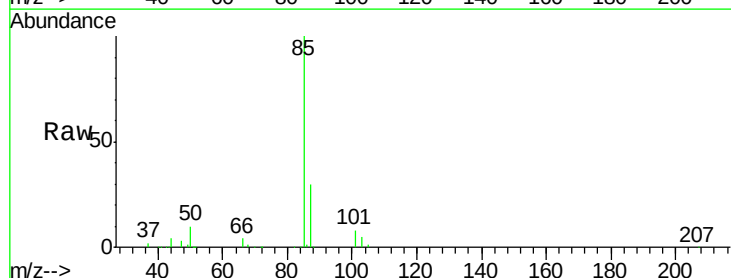
Acq: 15 Apr 2020 21:17

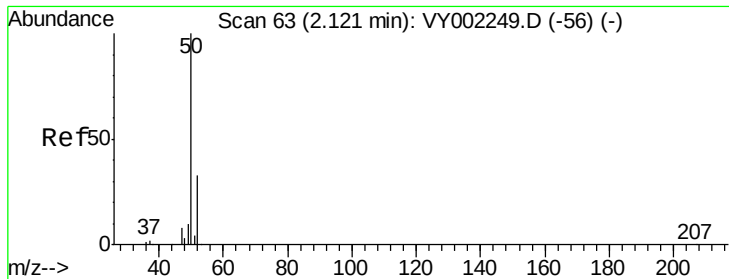
Tgt Ion: 85 Resp: 71316

Ion Ratio Lower Upper

85 100

87 30.3 17.3 51.9





#3

Chloromethane

Concen: 48.297 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95490

Ion Ratio Lower Upper

50 100

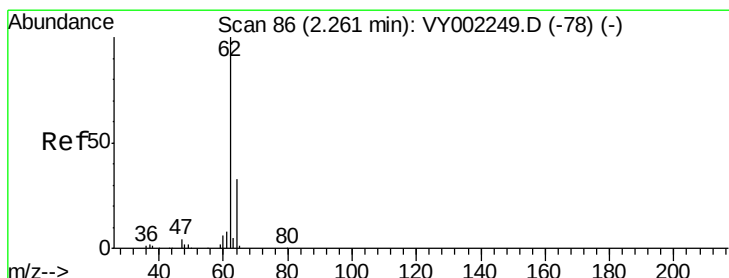
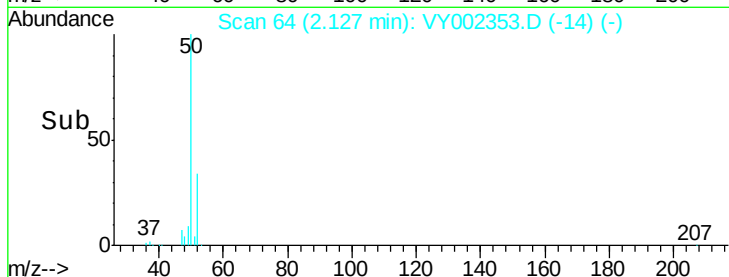
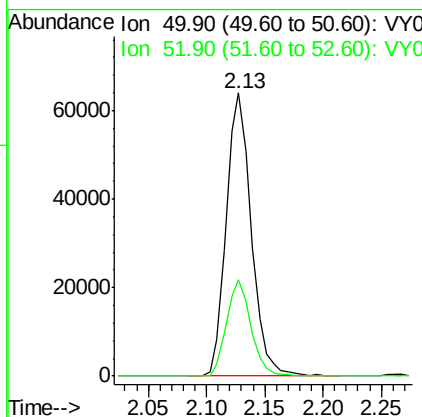
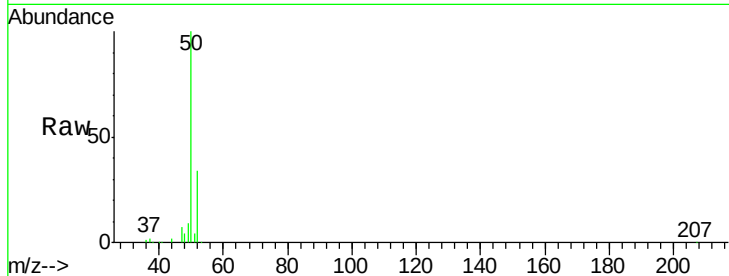
52 33.9 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.158 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002353.D

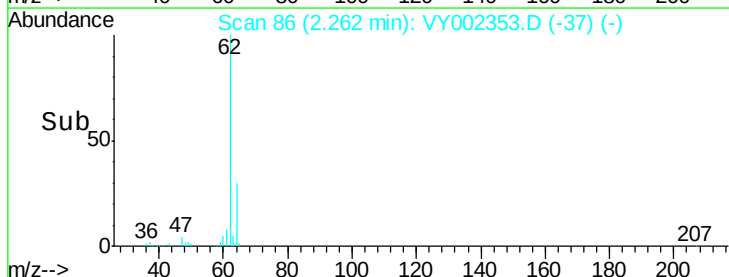
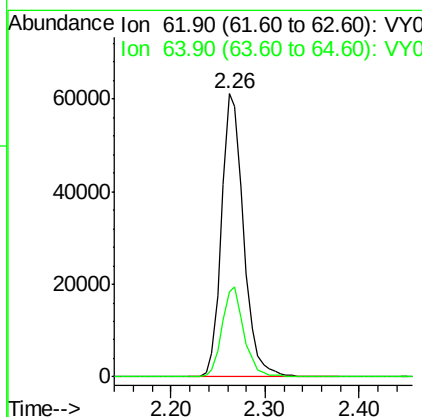
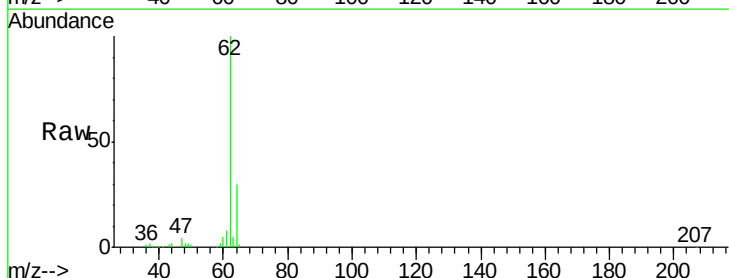
Acq: 15 Apr 2020 21:17

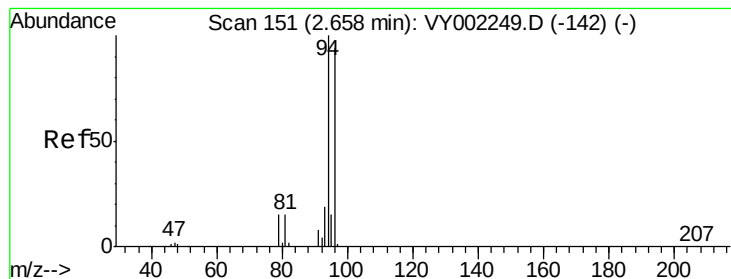
Tgt Ion: 62 Resp: 99241

Ion Ratio Lower Upper

62 100

64 30.0 26.2 39.2





#5

Bromomethane

Concen: 50.054 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65049

Ion Ratio Lower Upper

94 100

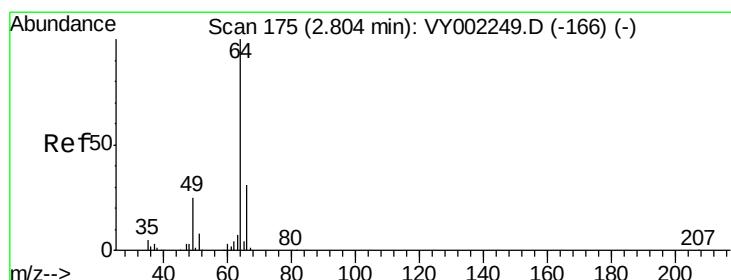
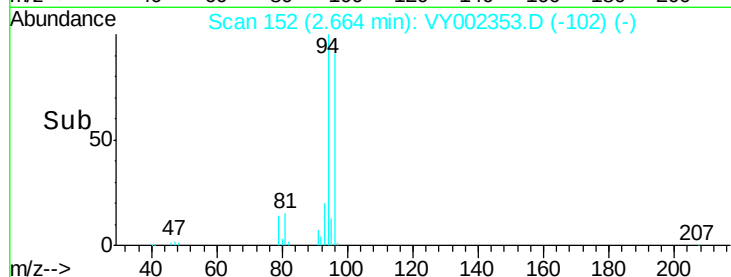
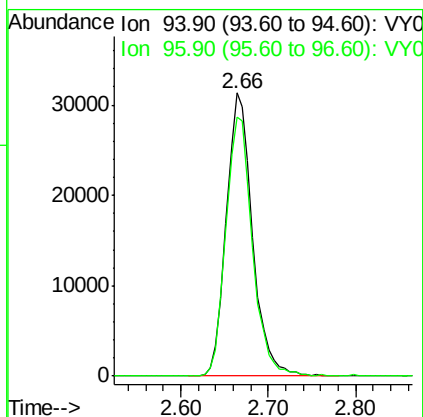
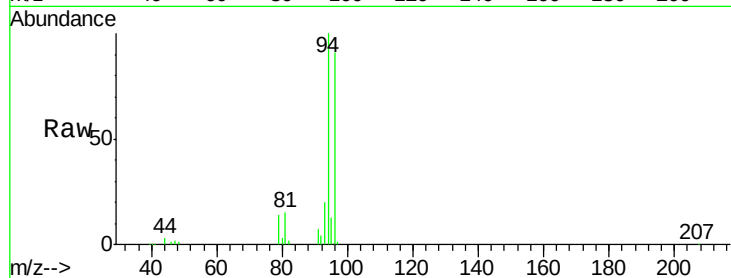
96 91.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 49.172 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002353.D

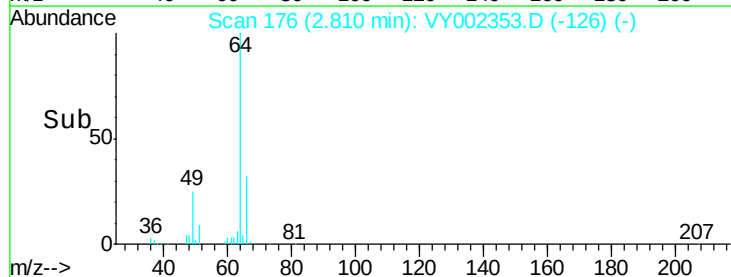
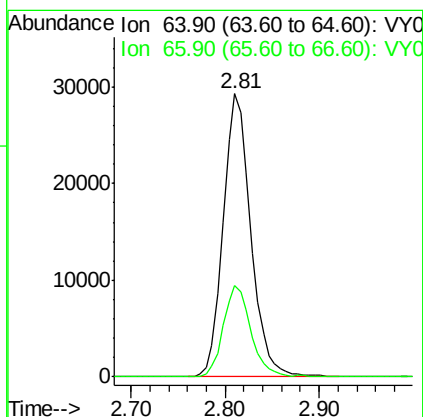
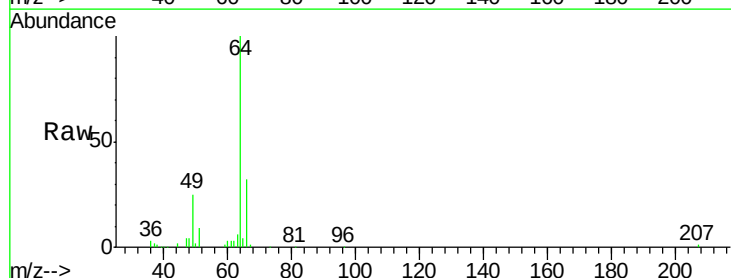
Acq: 15 Apr 2020 21:17

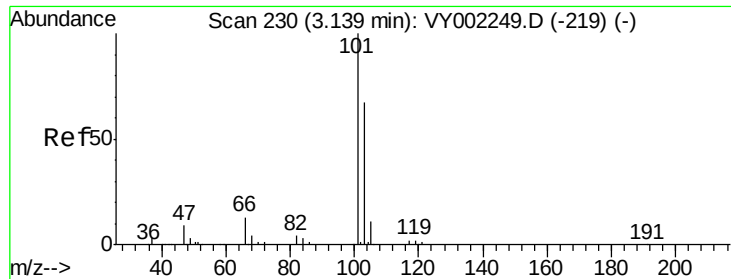
Tgt Ion: 64 Resp: 59679

Ion Ratio Lower Upper

64 100

66 32.1 24.6 37.0





#7

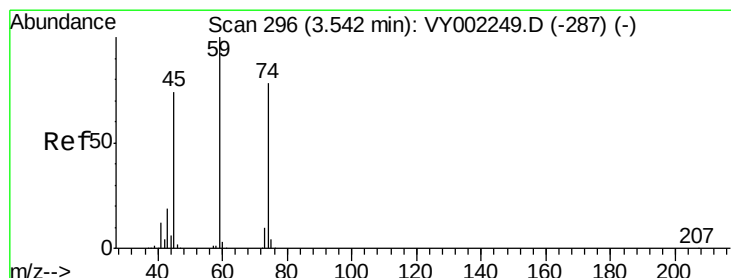
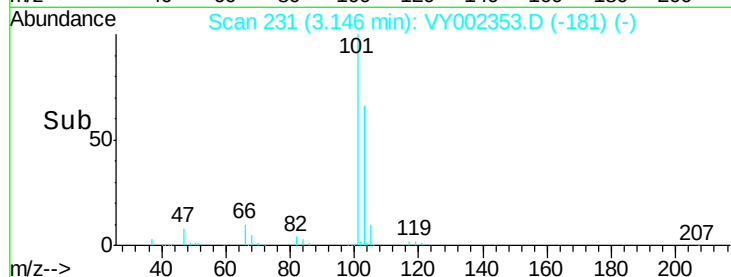
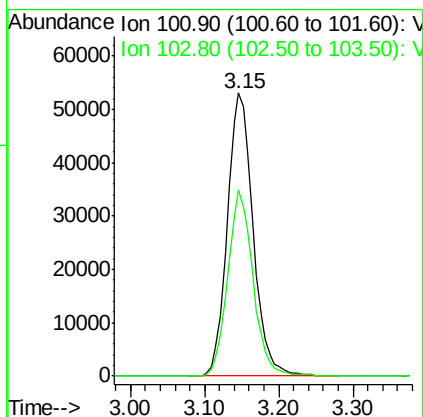
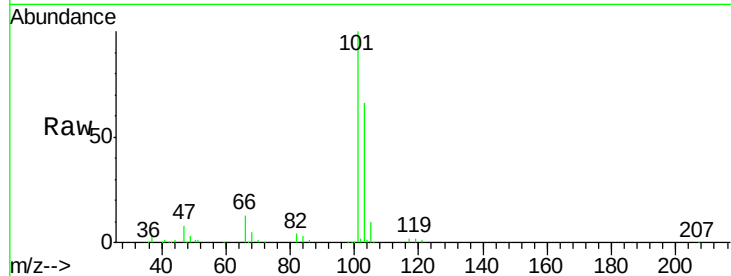
Trichlorofluoromethane
 Concen: 47.356 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.3	79.9

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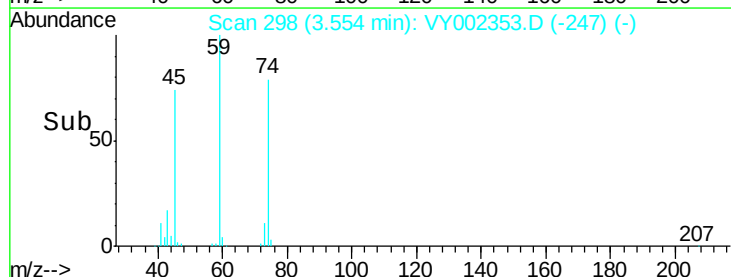
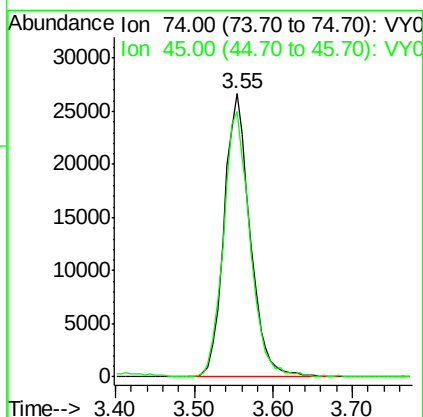
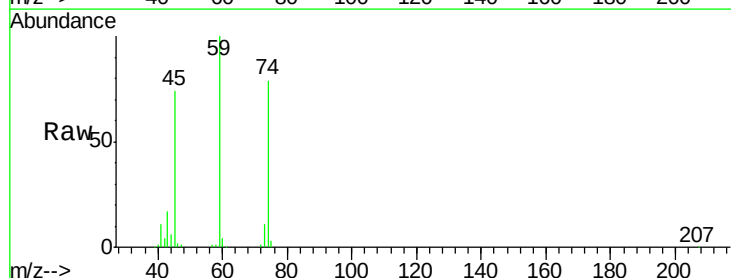
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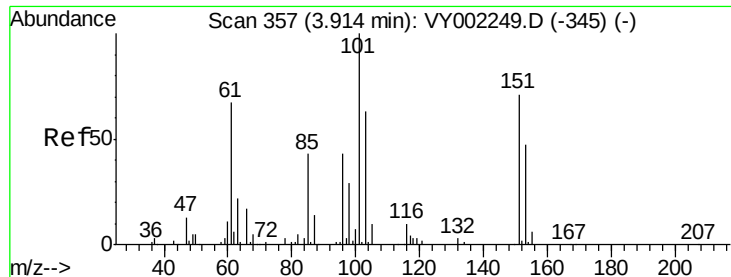


#8

Diethyl Ether
 Concen: 52.933 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.050 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

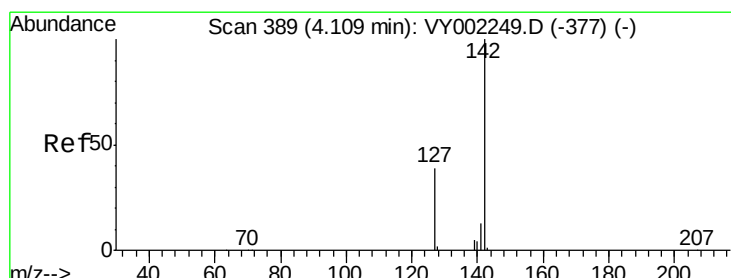
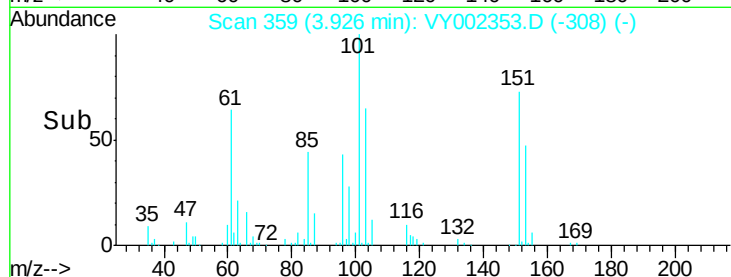
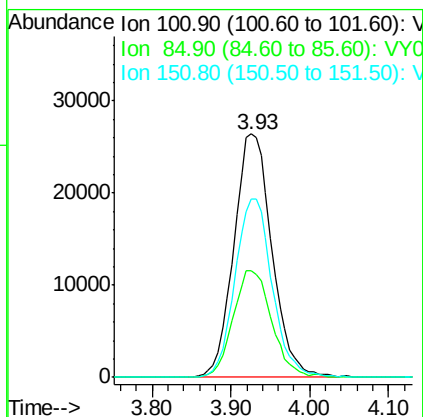
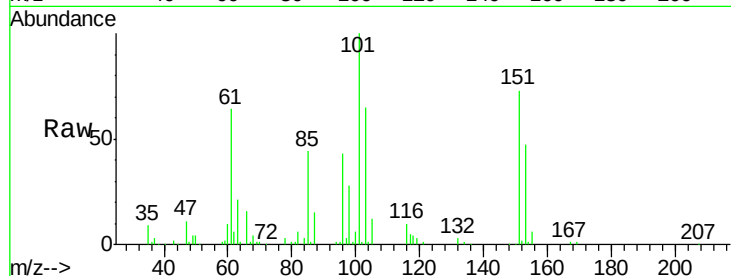
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88706
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.6	52.0
151	71.6	57.6	86.4

Manual Integrations
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#10

Methyl Iodide

Concen: 48.198 ug/l

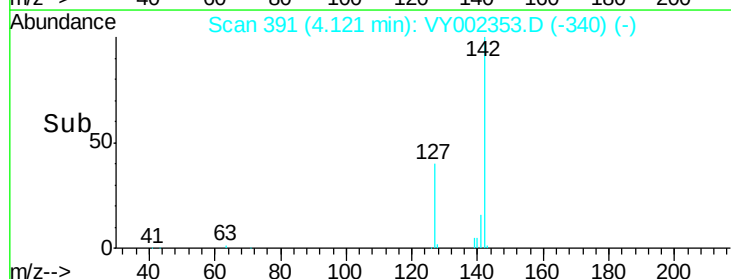
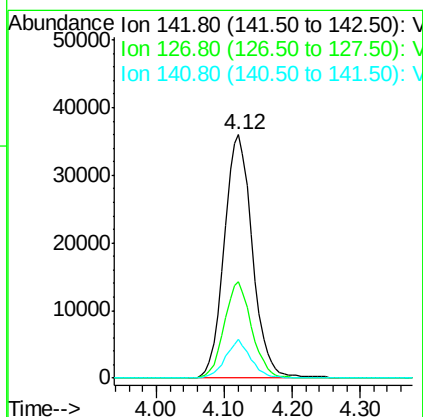
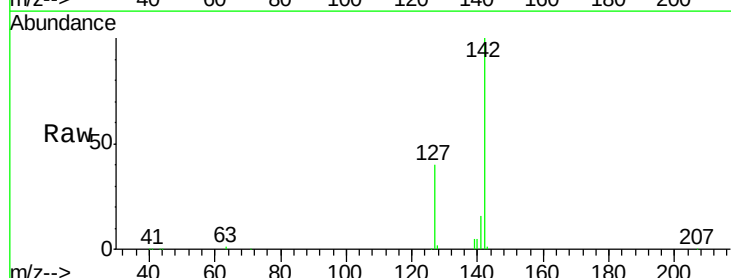
RT: 4.12 min Scan# 391

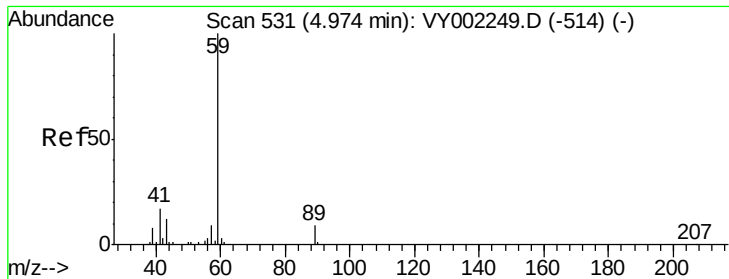
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	142	Resp:	103428
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.4	48.6
141	14.2	11.2	16.8





#11

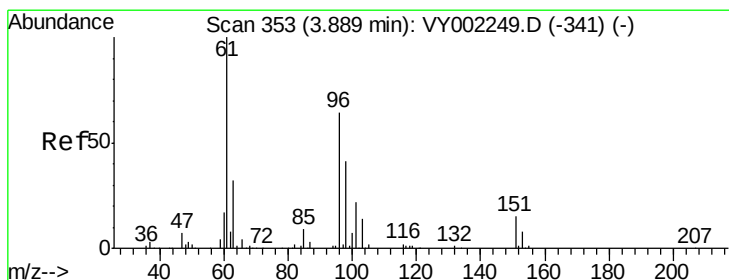
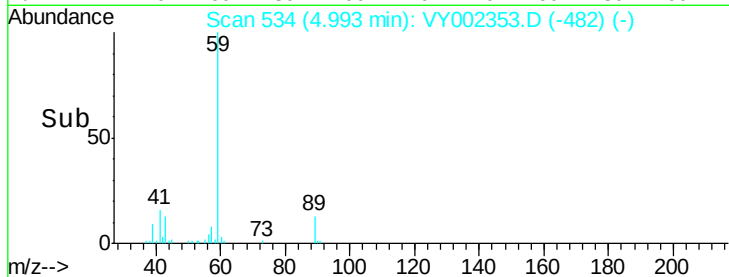
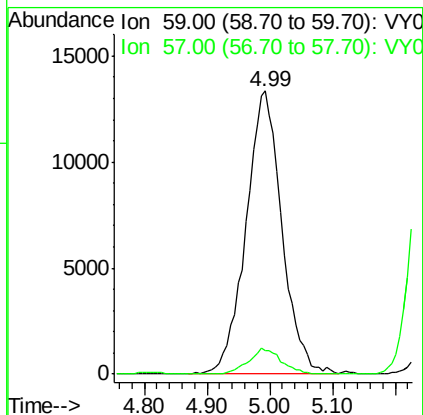
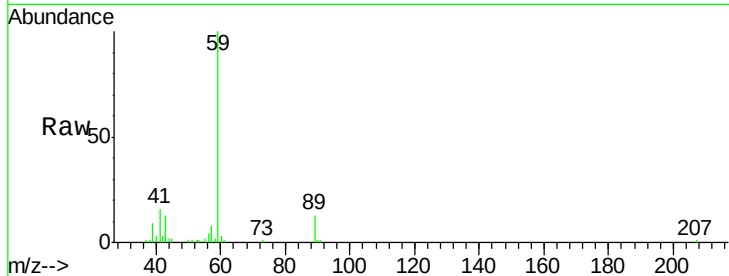
Tert butyl alcohol
Concen: 292.200 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	52765		
57	8.3		6.6	9.8

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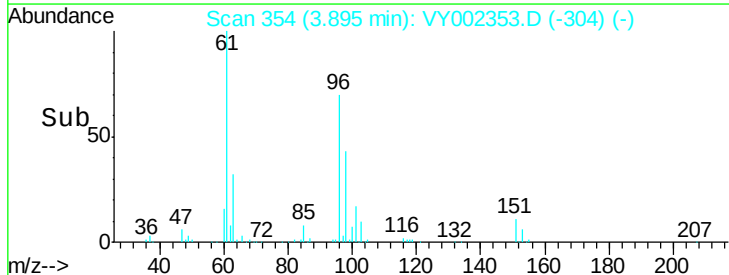
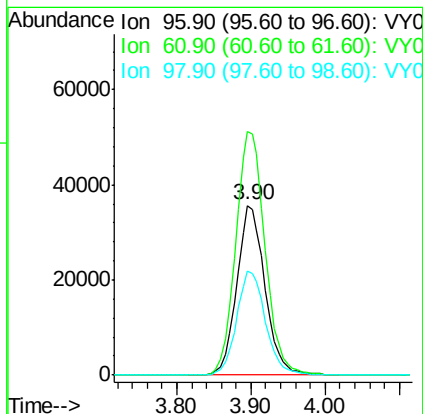
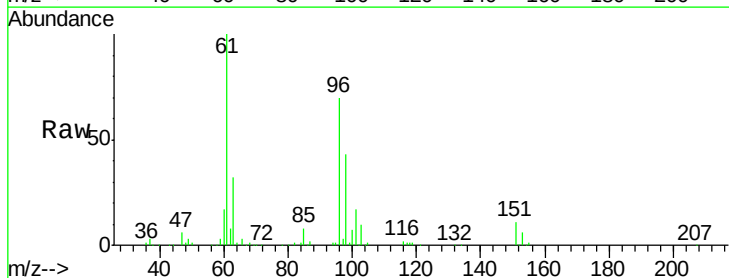
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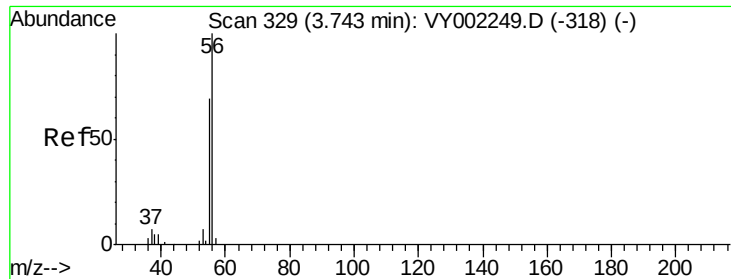


#12

1,1-Dichloroethene
Concen: 50.346 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	94494		
61	143.4		125.9	188.9
98	61.2		51.1	76.7





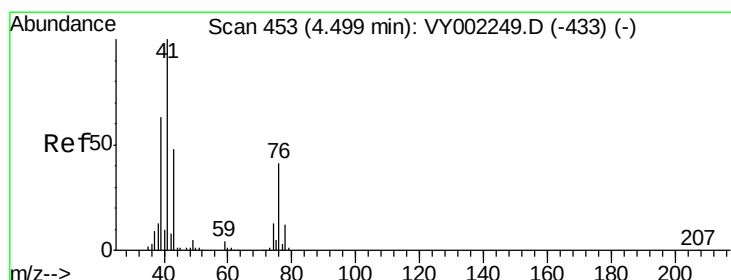
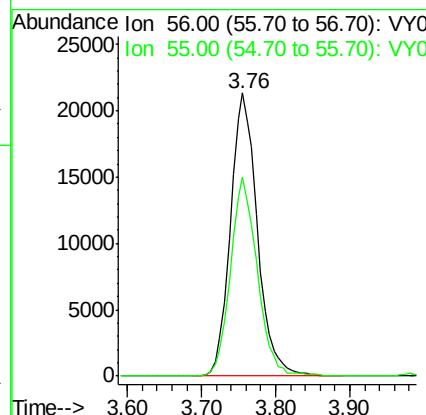
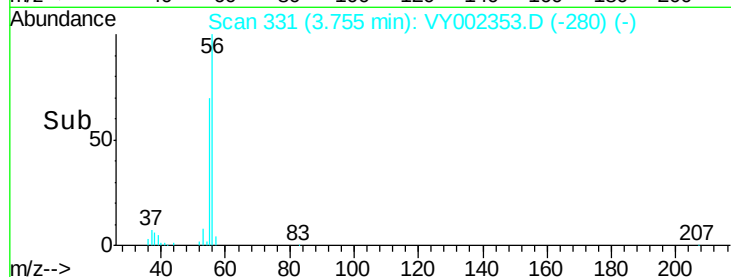
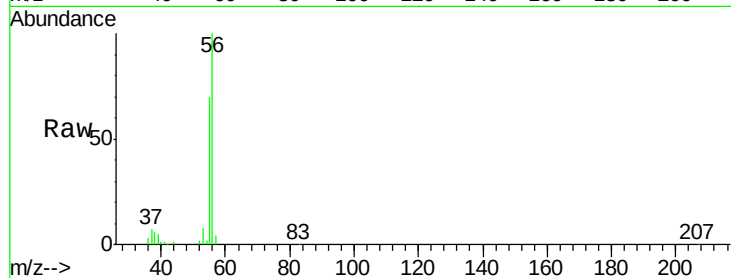
#13
Acrolein
Concen: 241.622 ug/l
RT: 3.76 min Scan# 331
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	53853
Ion Ratio	100	Lower	Upper
55	70.0	55.8	83.8

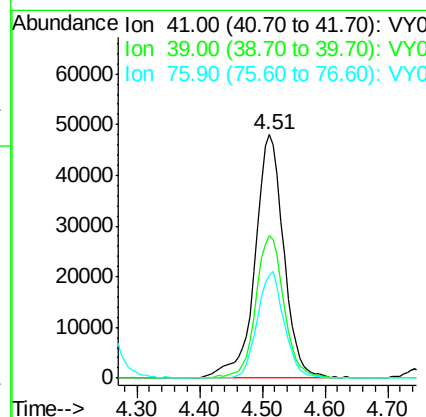
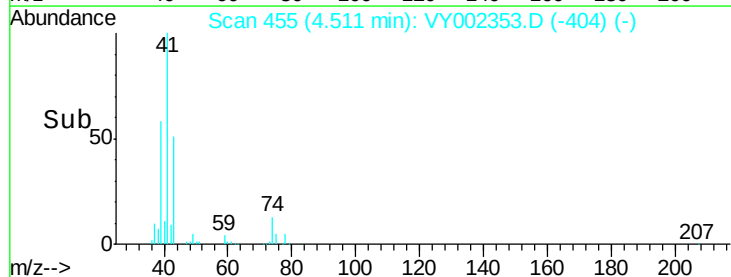
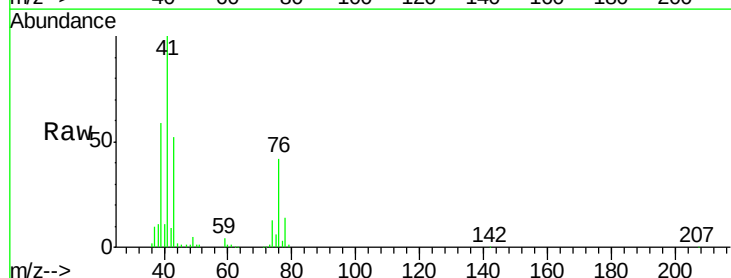
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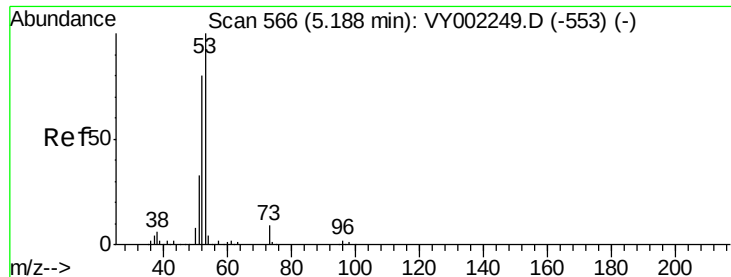
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#14
Allyl chloride
Concen: 50.196 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	41	Resp	152136
Ion Ratio	100	Lower	Upper
39	57.5	48.0	72.0
76	40.7	31.0	46.6





#15

Acrylonitrile

Concen: 271.120 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

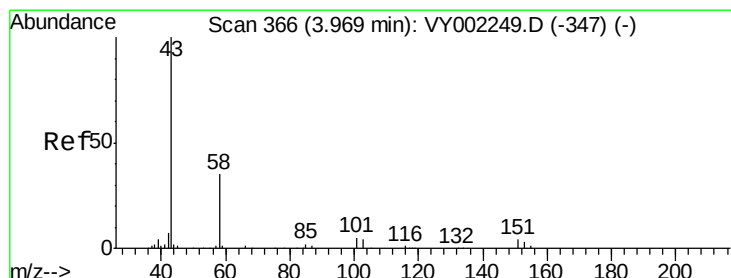
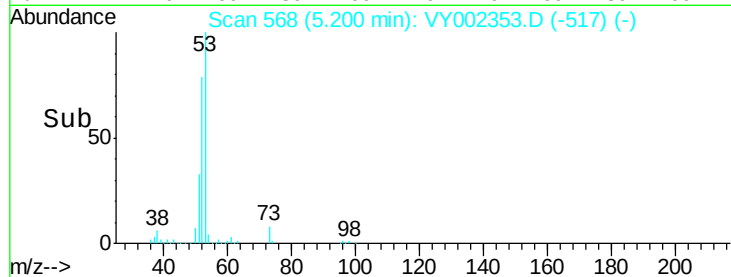
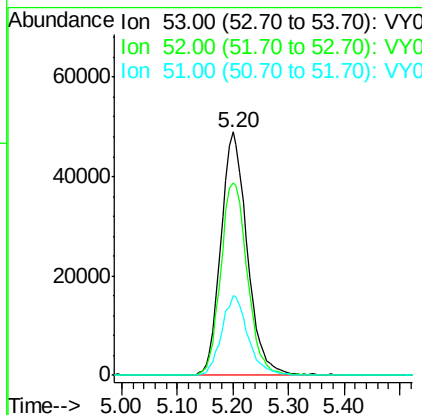
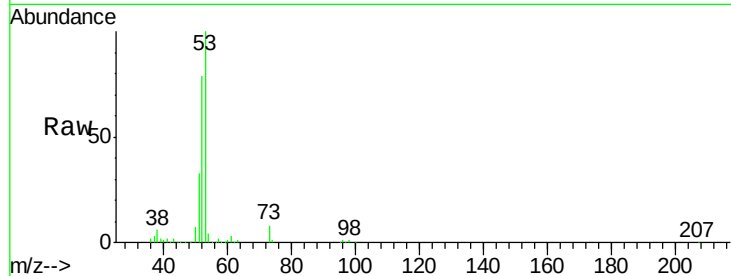
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	160188
Ion Ratio		Lower	Upper
53	100		
52	80.0	65.1	97.7
51	33.0	27.1	40.7

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#16

Acetone

Concen: 224.363 ug/l

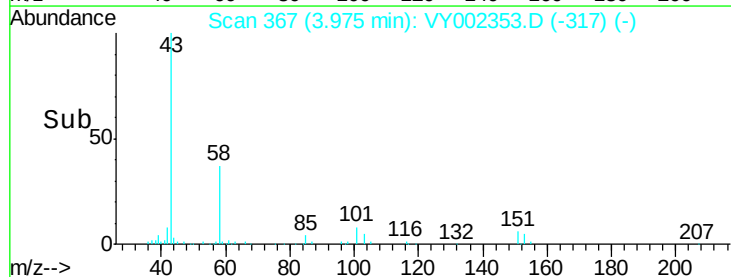
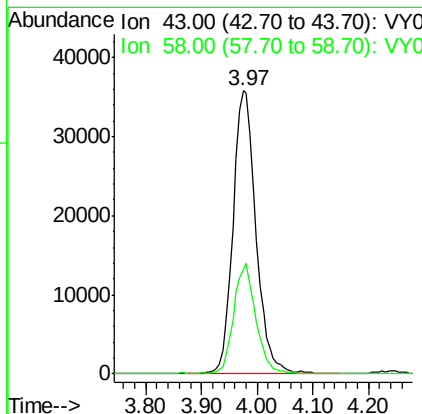
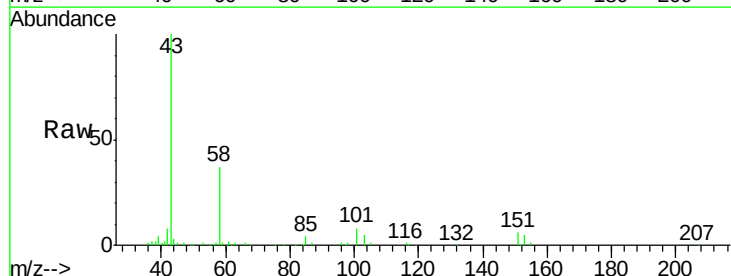
RT: 3.97 min Scan# 367

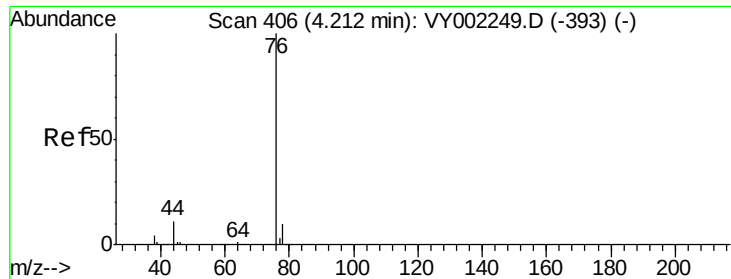
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	43	Resp:	102149
Ion Ratio		Lower	Upper
43	100		
58	36.6	28.5	42.7





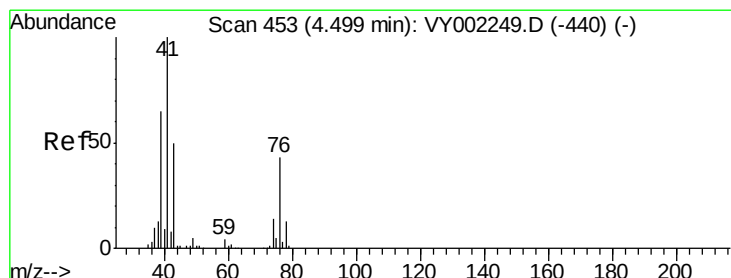
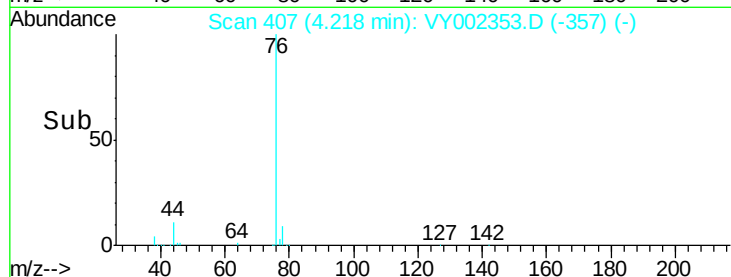
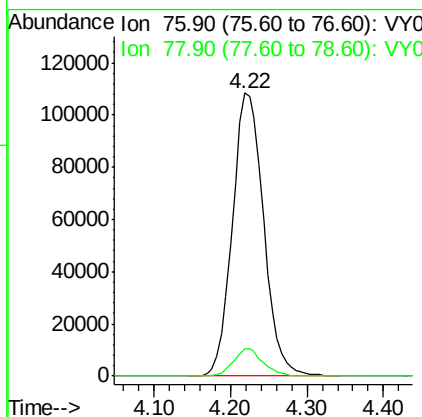
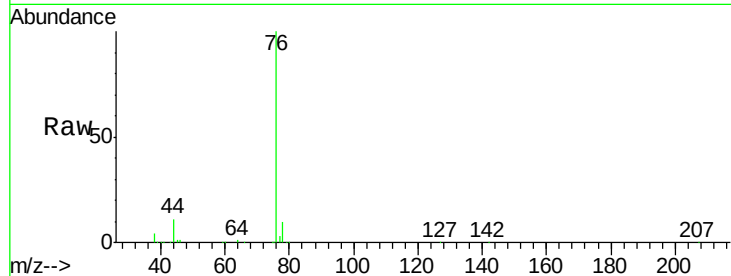
#17
Carbon Disulfide
Concen: 49.173 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.7	11.5

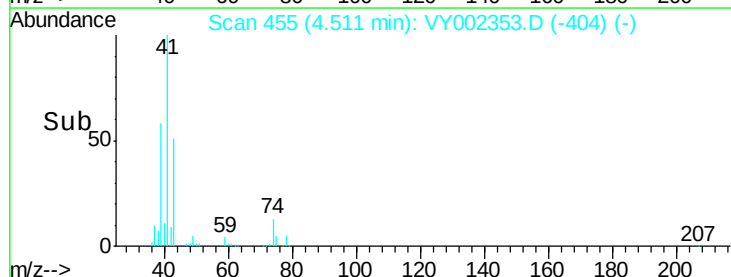
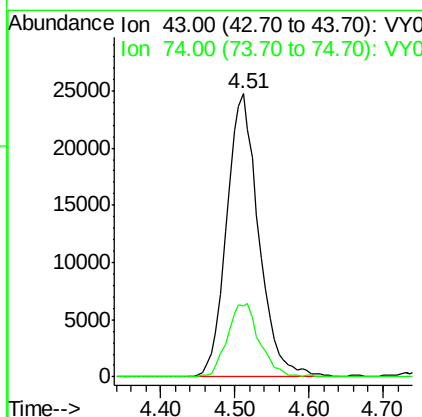
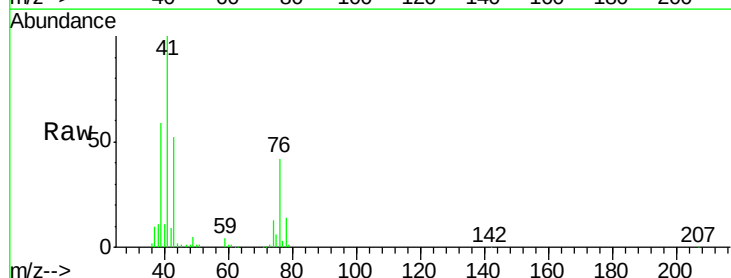
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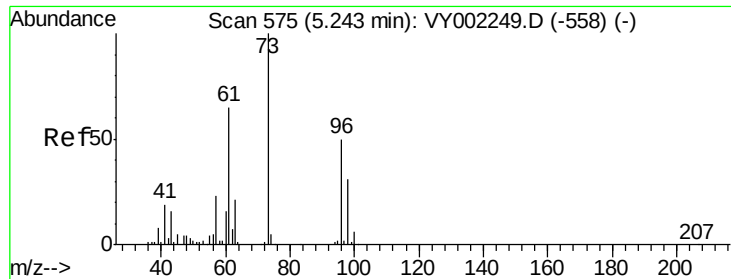
MMDadoda
4/16/2020 10:31:38 AM



#18
Methyl Acetate
Concen: 52.671 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.3	30.5





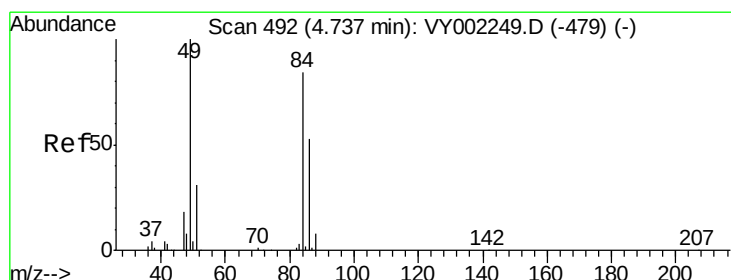
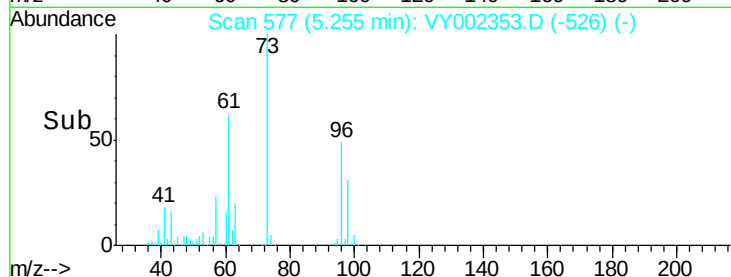
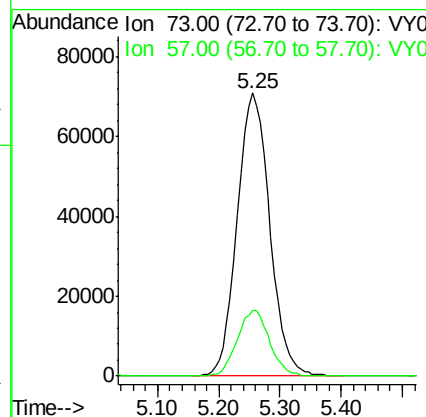
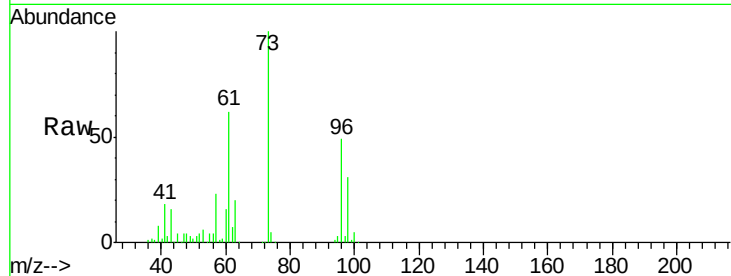
#19
Methyl tert-butyl Ether
Concen: 52.901 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 261031
Ion Ratio Lower Upper
73 100
57 23.3 18.7 28.1

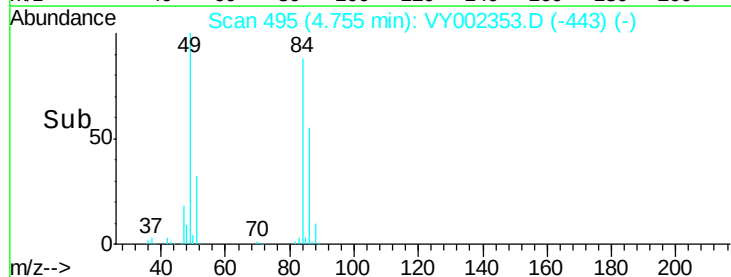
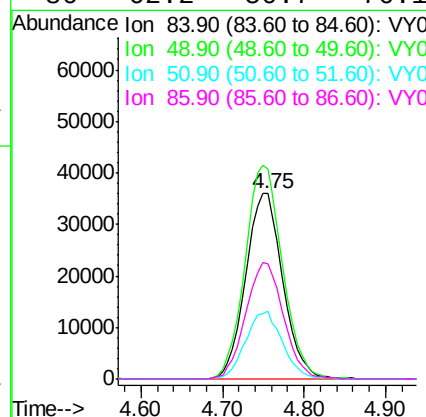
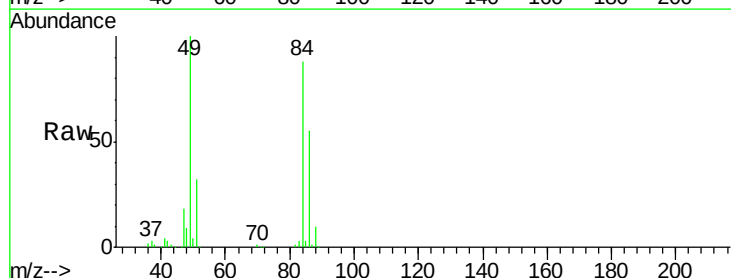
Manual Integrations
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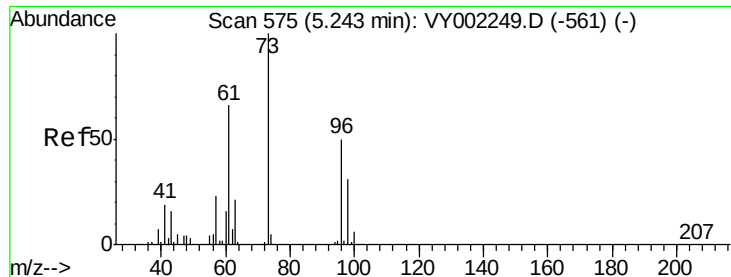
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#20
Methylene Chloride
Concen: 50.931 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion: 84 Resp: 113972
Ion Ratio Lower Upper
84 100
49 113.1 95.5 143.3
51 36.3 29.5 44.3
86 62.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.955 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

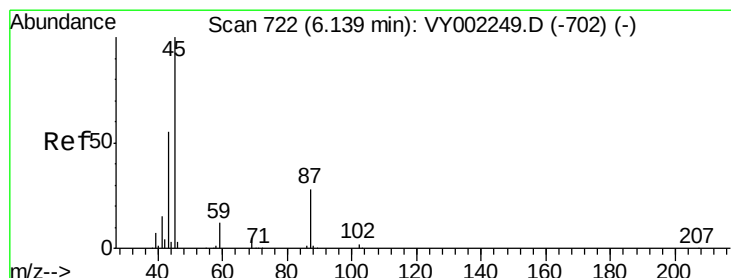
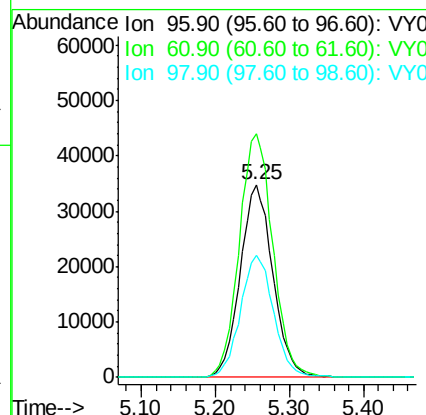
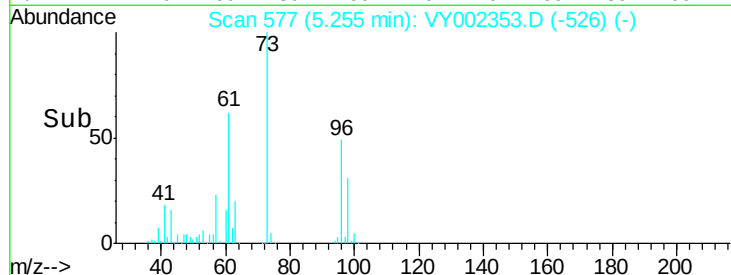
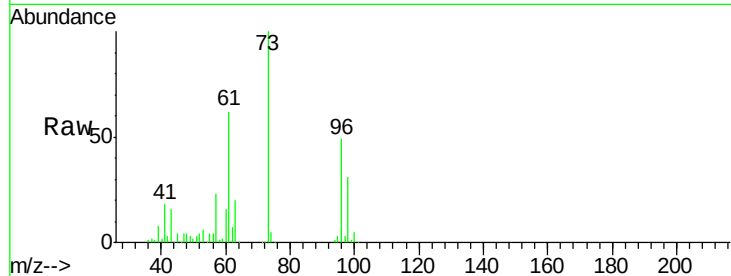
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	107347
Ion	Ratio	Lower	Upper
96	100		
61	126.1	104.6	157.0
98	63.5	50.1	75.1

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#22

Diisopropyl ether

Concen: 51.584 ug/l

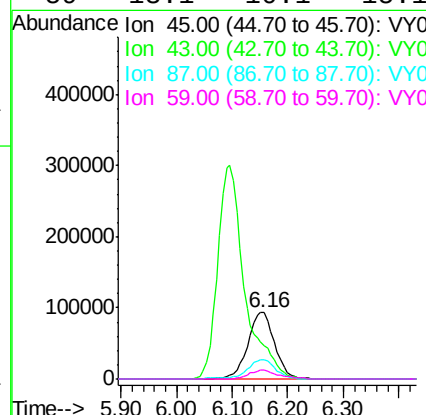
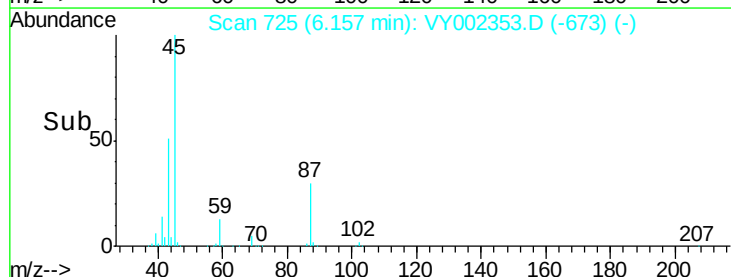
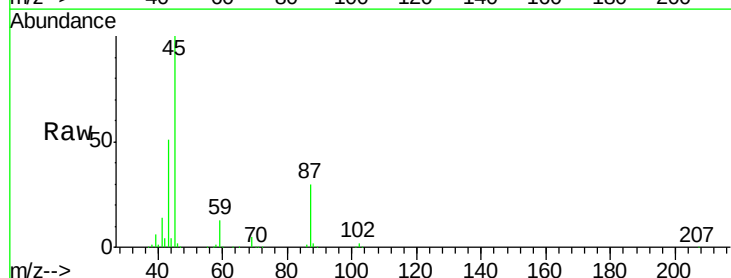
RT: 6.16 min Scan# 725

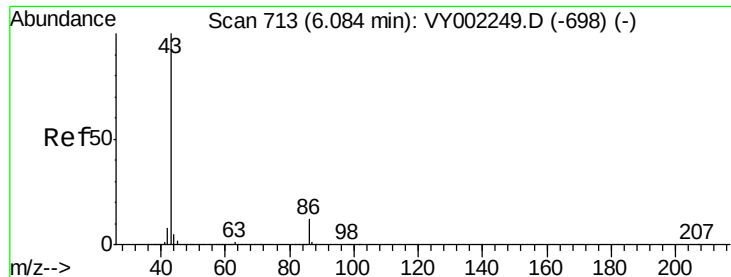
Delta R.T. 0.02 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	45	Resp:	314636
Ion	Ratio	Lower	Upper
45	100		
43	50.7	44.7	67.1
87	29.9	23.0	34.4
59	13.1	10.1	15.1





#23

Vinyl Acetate

Concen: 260.212 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tot Ion: 43 Resp: 1011430

Ion Ratio Lower Upper

43 100

86 11.8 9.2 13.8

Instrument :

MSVOA_Y

ClientSampleId :

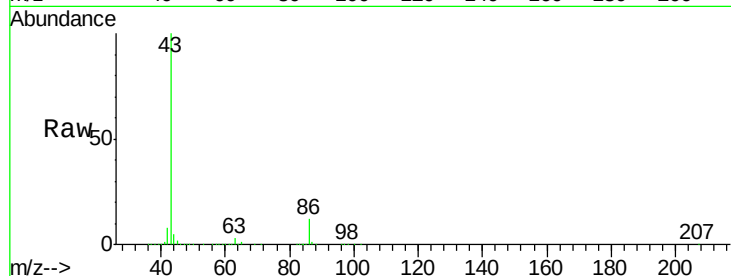
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

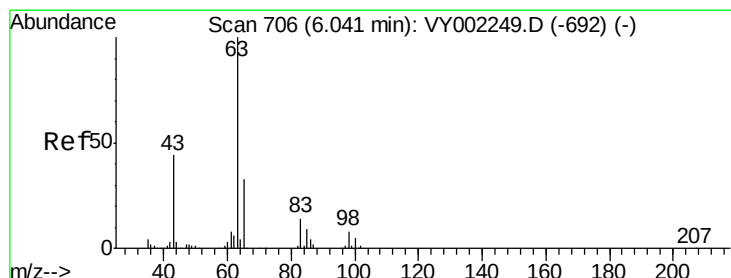
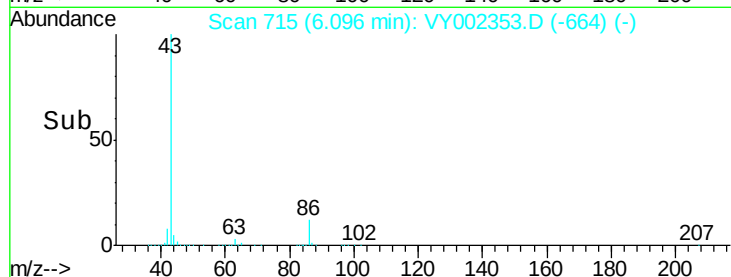
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.233 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

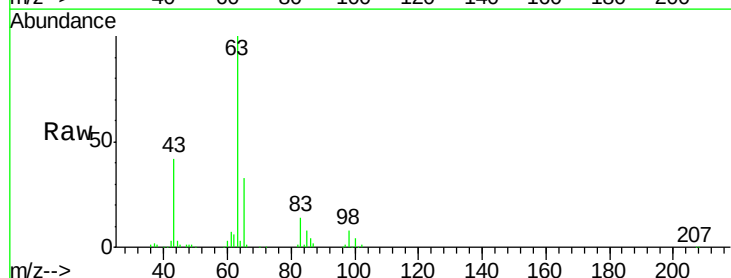
Tgt Ion: 63 Resp: 181214

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.0

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

80000

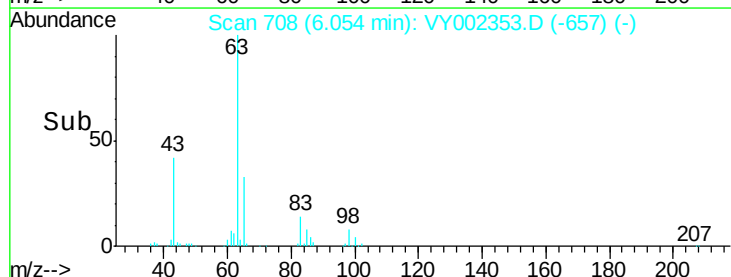
60000

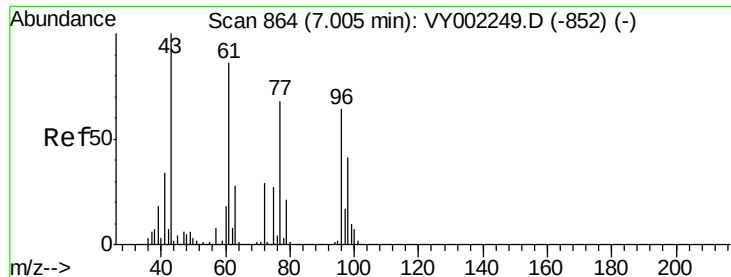
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.261 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 179595

Ion Ratio Lower Upper

43 100

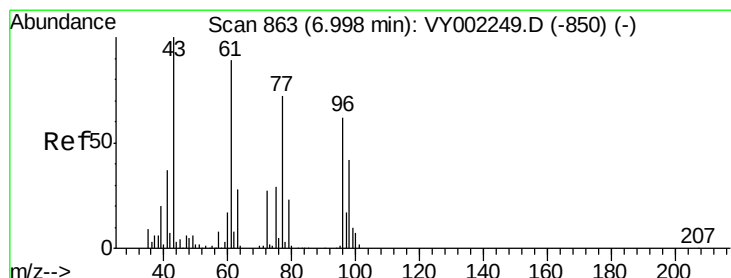
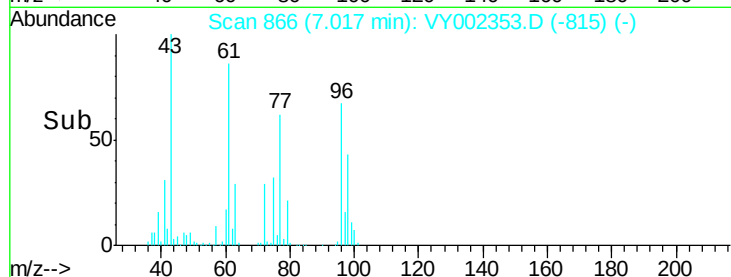
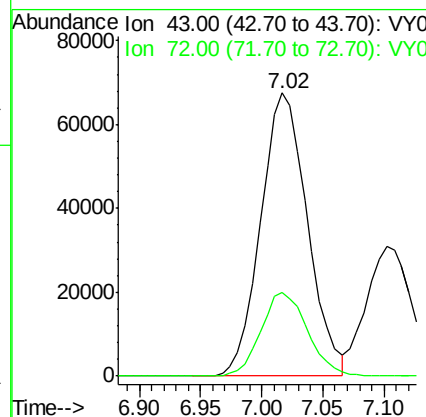
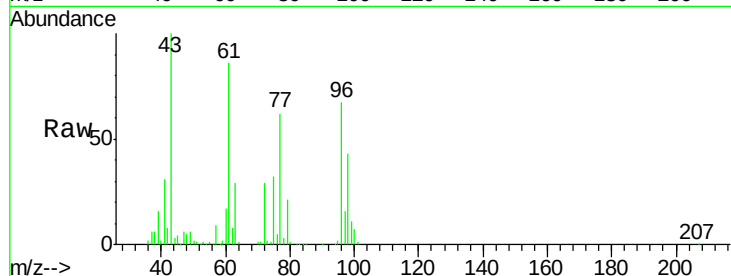
72 29.5 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.109 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002353.D

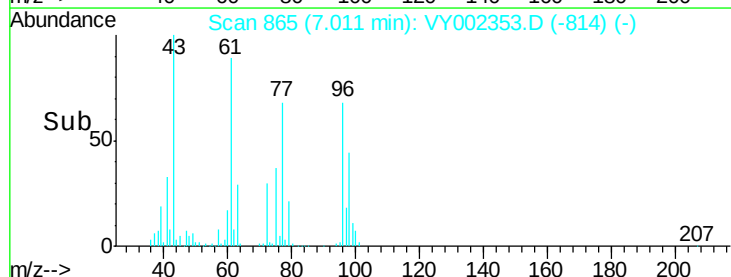
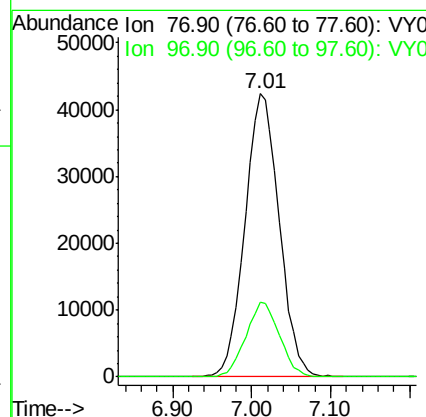
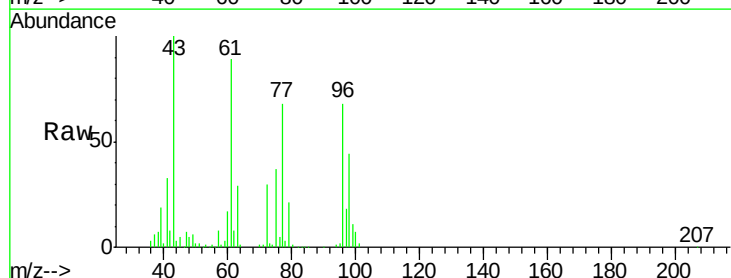
Acq: 15 Apr 2020 21:17

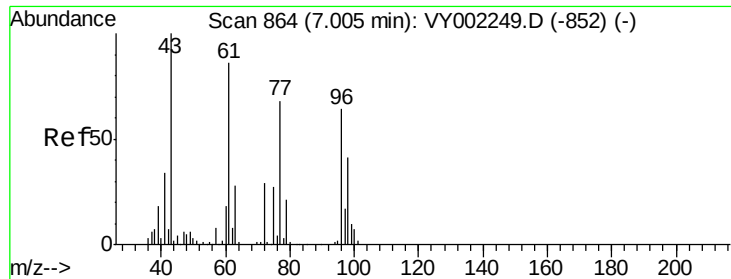
Tgt Ion: 77 Resp: 128010

Ion Ratio Lower Upper

77 100

97 25.9 12.2 36.6





#27

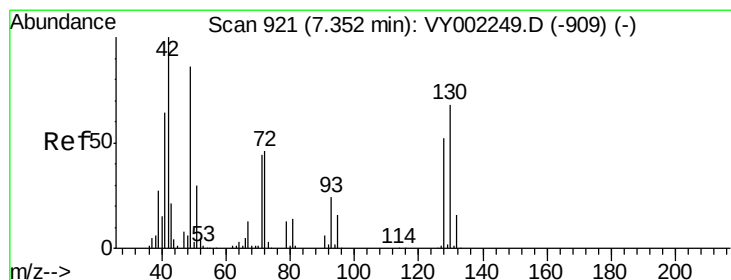
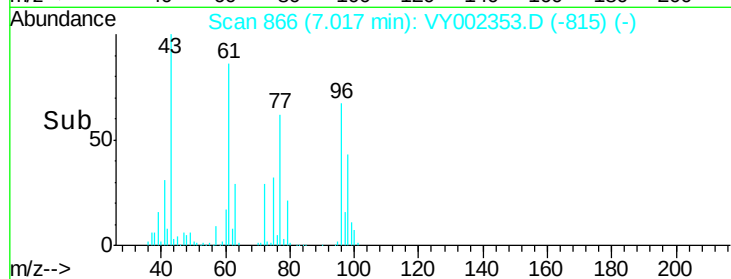
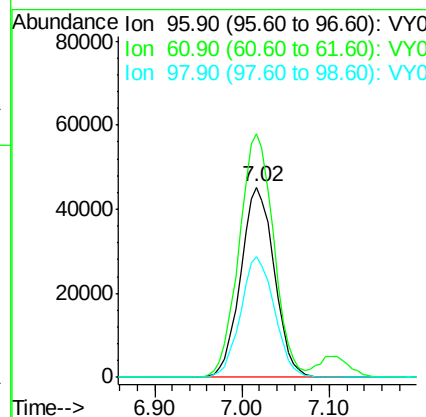
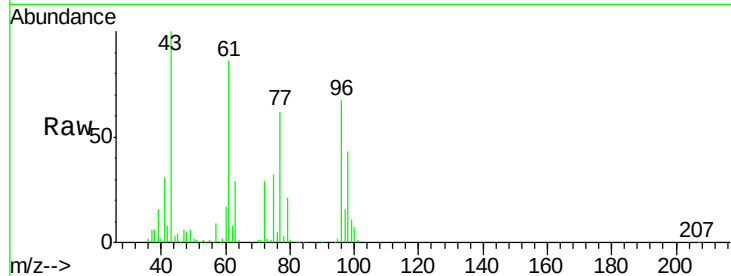
cis-1,2-Dichloroethene
Concen: 52.769 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	121184		
61	131.1	0.0	278.0	
98	64.0	0.0	128.6	

Manual Integrations
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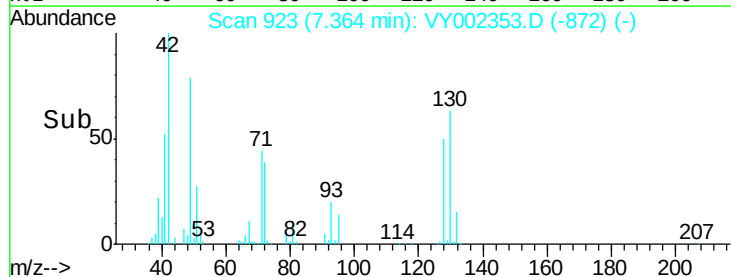
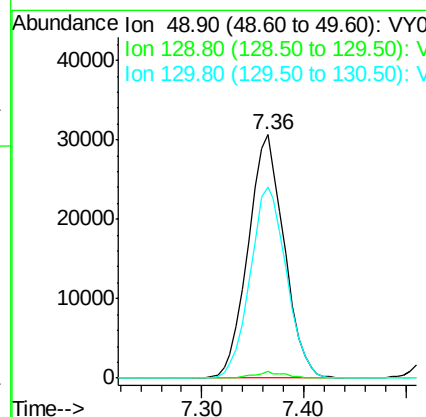
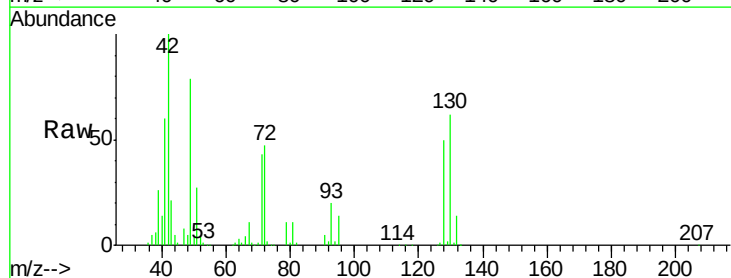
MMDadoda
4/16/2020 10:31:38 AM

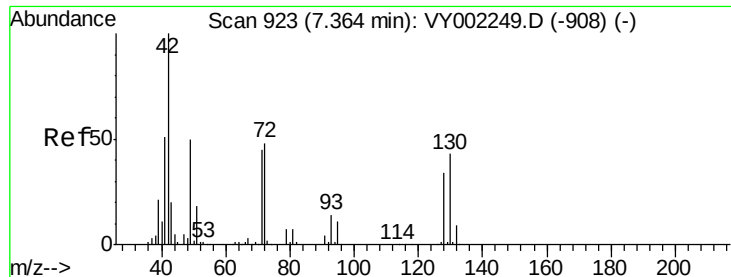


#28

Bromochloromethane
Concen: 50.336 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75385		
129	2.1	0.0	4.2	
130	79.2	60.9	91.3	





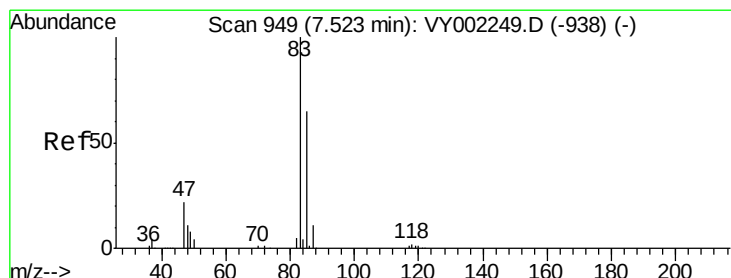
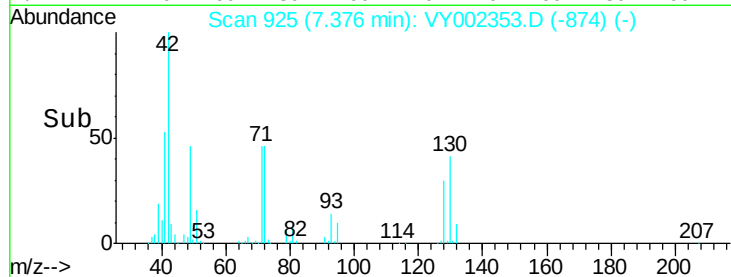
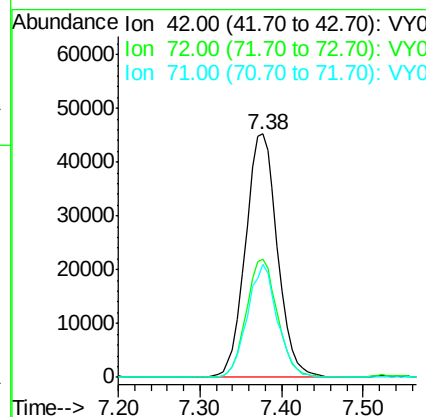
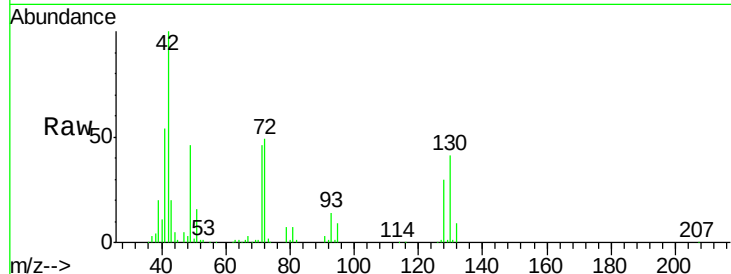
#29
Tetrahydrofuran
Concen: 259.483 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	36.7	55.1
71	43.6	34.7	52.1

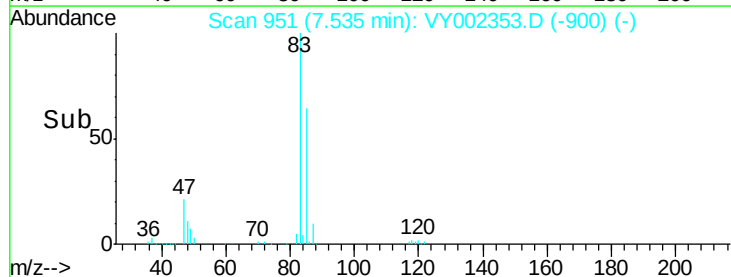
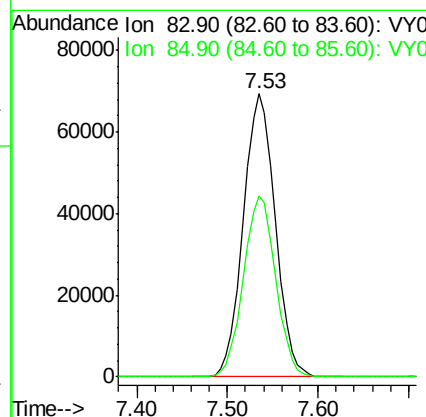
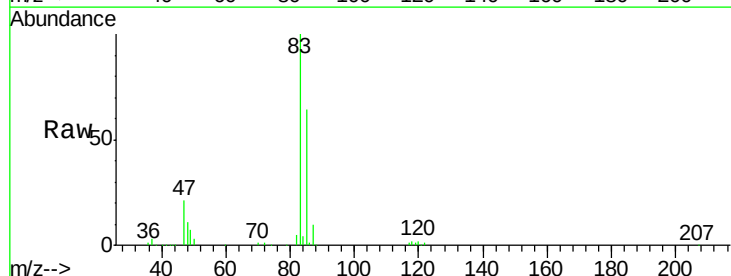
Manual Integrations
APPROVED

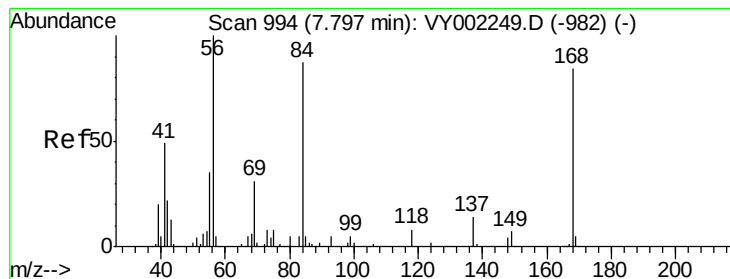
MMDadoda
4/16/2020 10:31:38 AM



#30
Chloroform
Concen: 51.786 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.0	78.0





#31

Cyclohexane

Concen: 46.238 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 168385

Ion Ratio Lower Upper

56 100

69 33.5 25.0 37.6

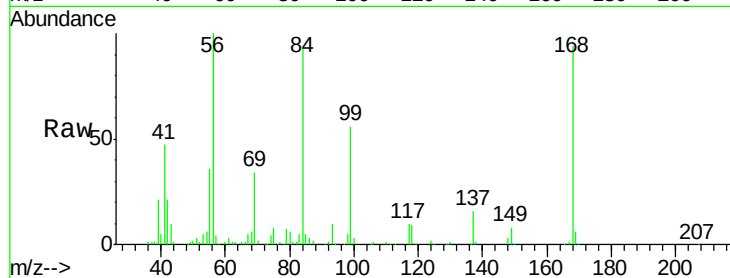
84 92.0 69.7 104.5

Manual Integrations

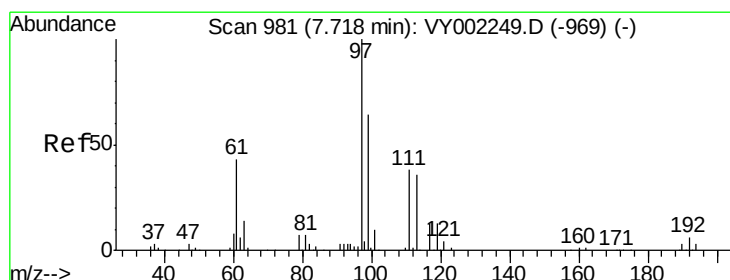
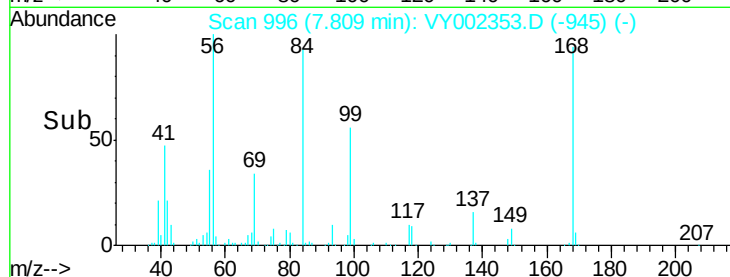
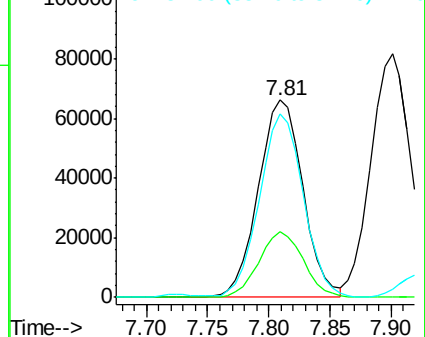
APPROVED

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4/16/2020 10:31:38 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.055 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

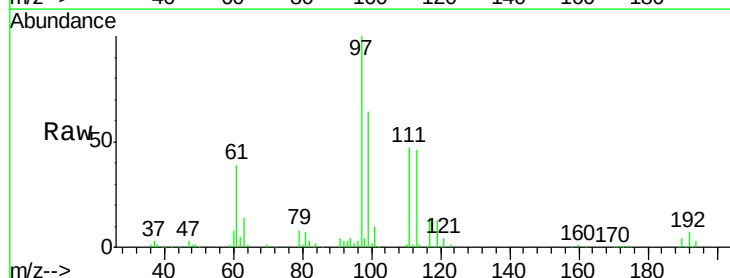
Tgt Ion: 97 Resp: 136252

Ion Ratio Lower Upper

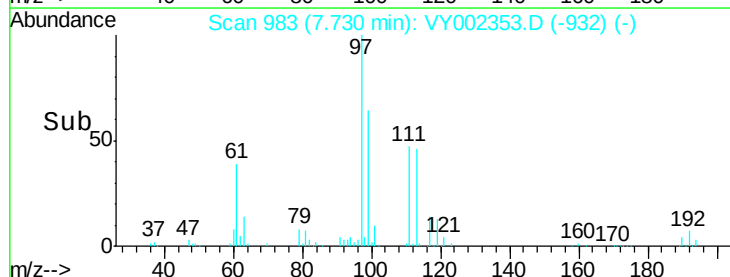
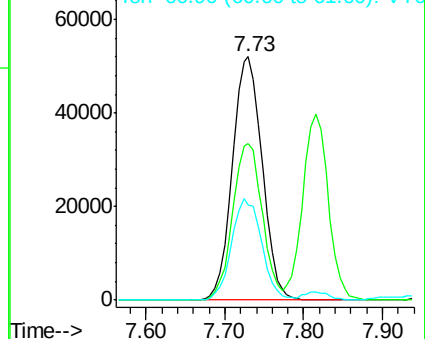
97 100

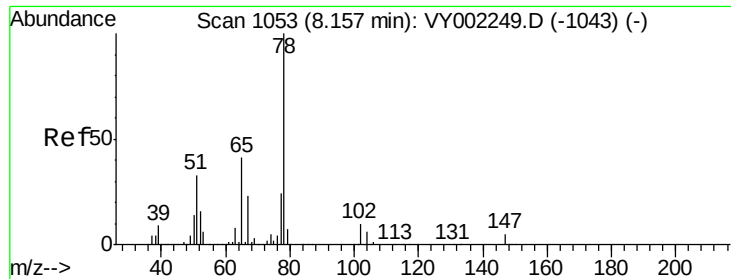
99 64.1 51.3 76.9

61 42.2 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





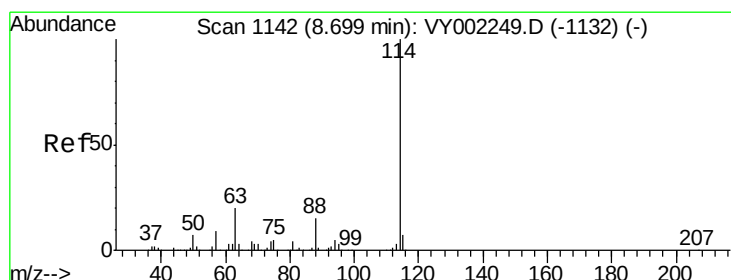
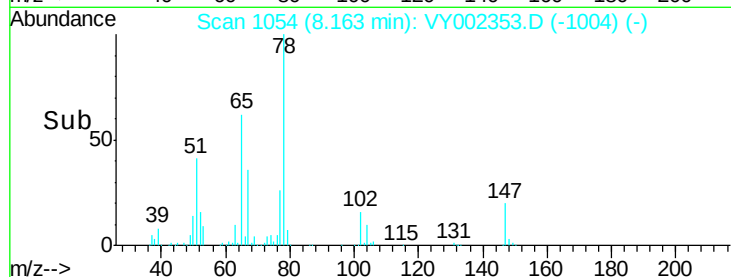
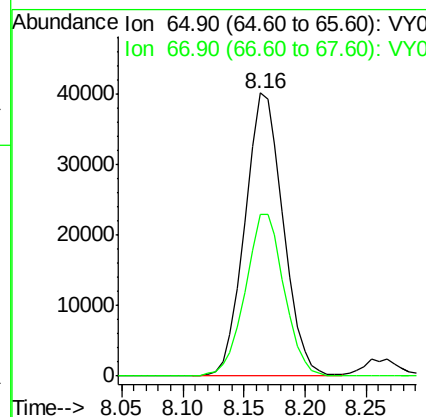
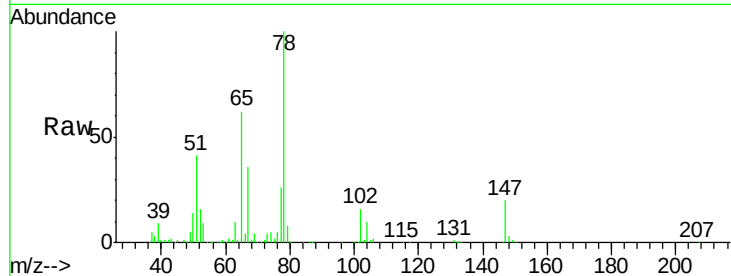
#33
 1,2-Dichloroethane-d4
 Concen: 50.544 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 87371
 Ion Ratio Lower Upper
 65 100
 67 58.0 0.0 114.0

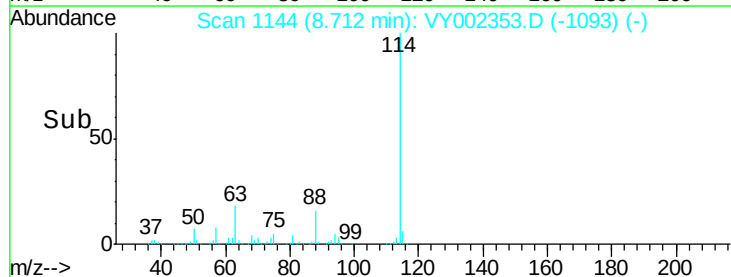
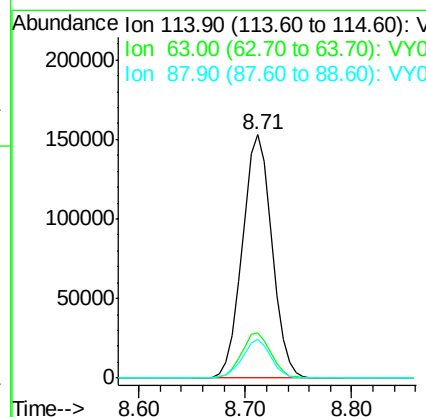
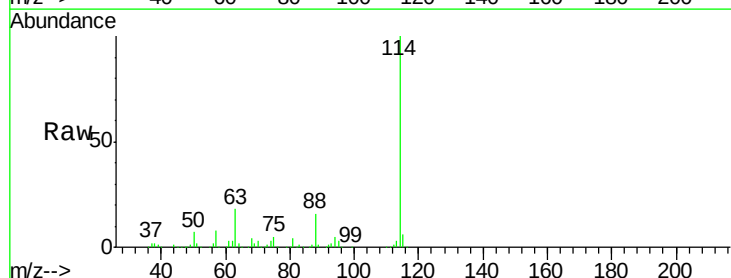
Manual Integrations
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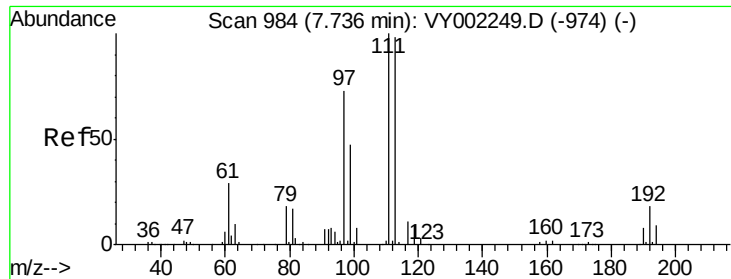
MMDadoda
 4/16/2020 10:31:38 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion: 114 Resp: 298532
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 16.1 0.0 31.0





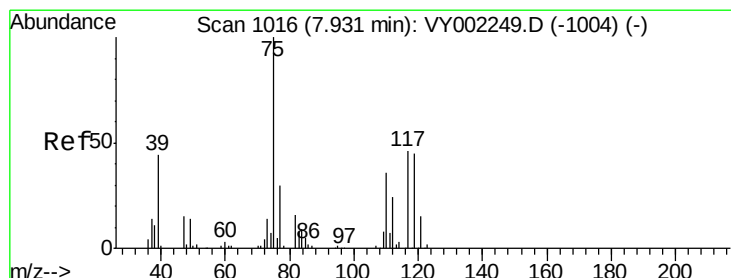
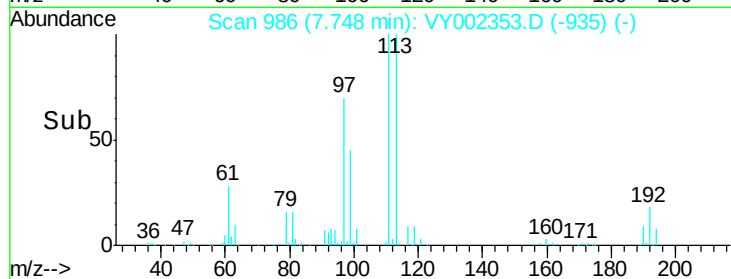
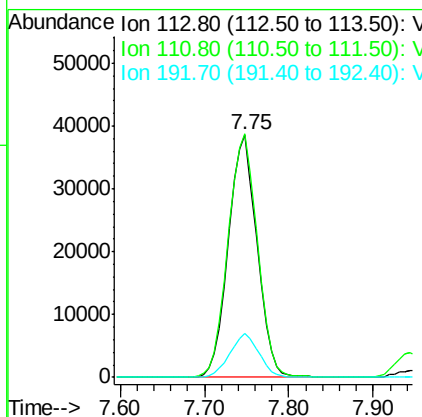
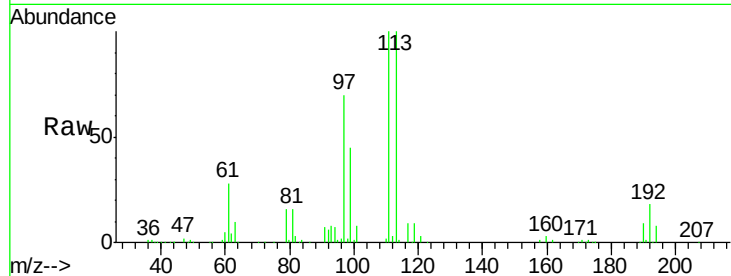
#35
 Dibromofluoromethane
 Concen: 50.223 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89215		
111	102.8		83.5	125.3
192	18.1		14.7	22.1

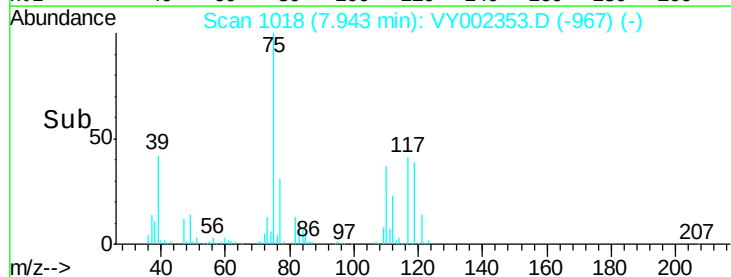
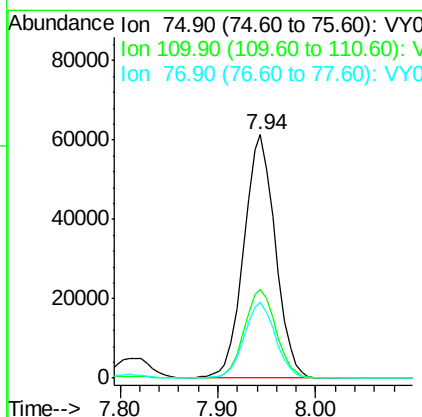
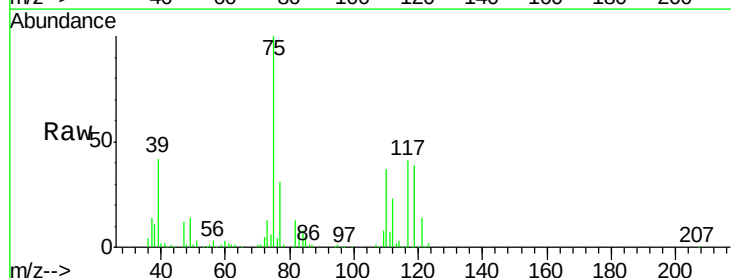
Manual Integrations
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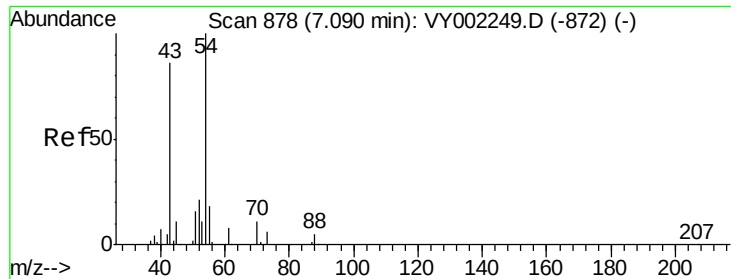
MMDadoda
 4/16/2020 10:31:38 AM



#36
 1,1-Dichloropropene
 Concen: 46.598 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137021		
110	36.5		17.8	53.3
77	31.2		24.4	36.6





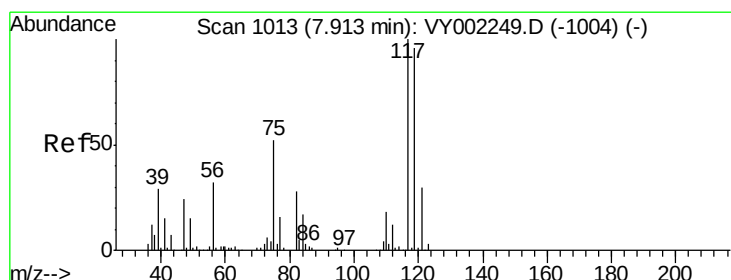
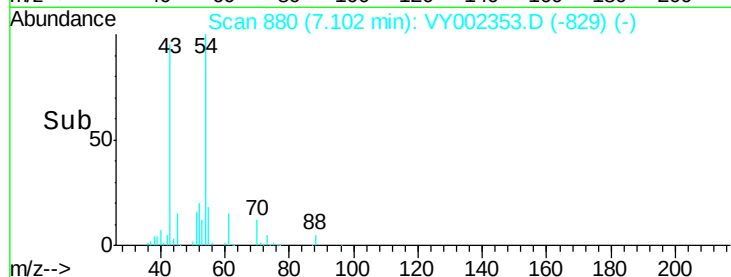
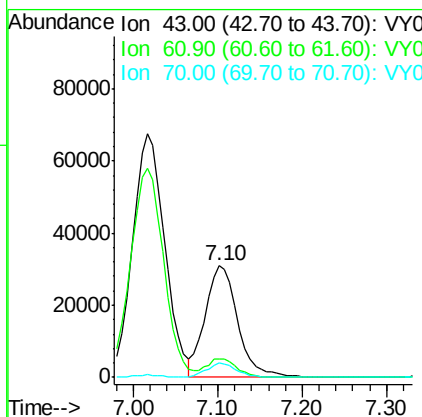
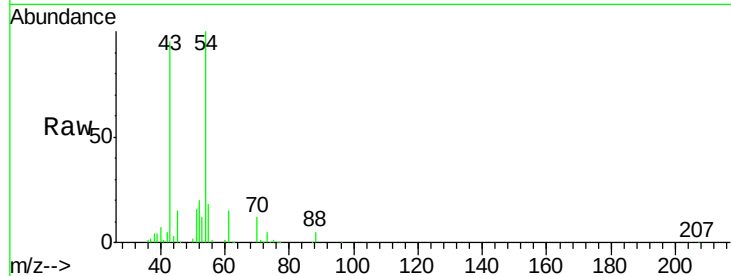
#37
Ethyl Acetate
Concen: 49.421 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.8	17.6
70	11.6	9.1	13.7

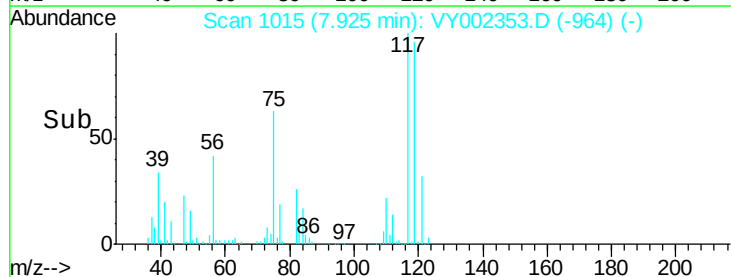
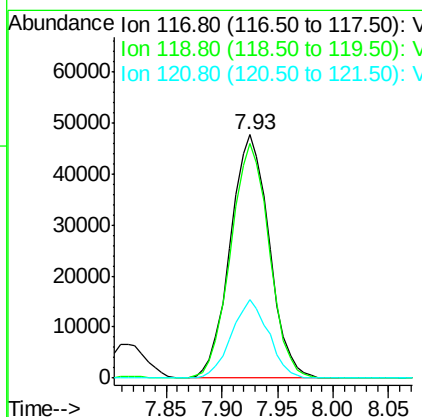
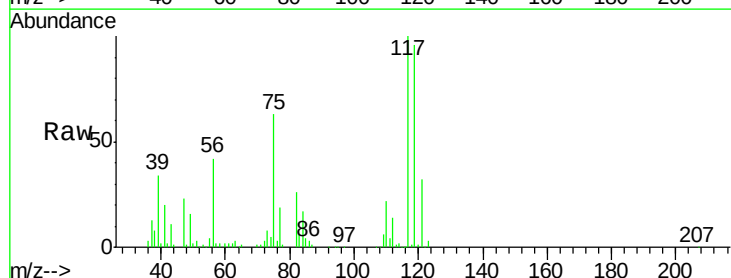
Manual Integrations
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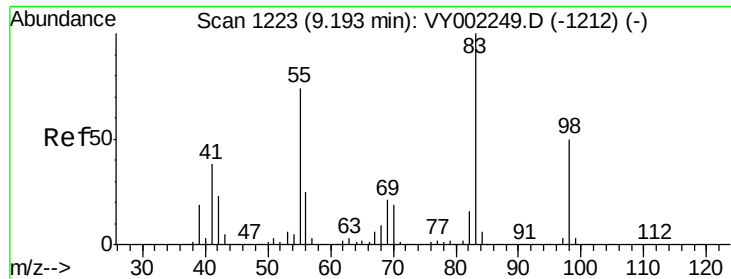
MMDadoda
4/16/2020 10:31:38 AM



#38
Carbon Tetrachloride
Concen: 45.962 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
121	32.3	23.9	35.9





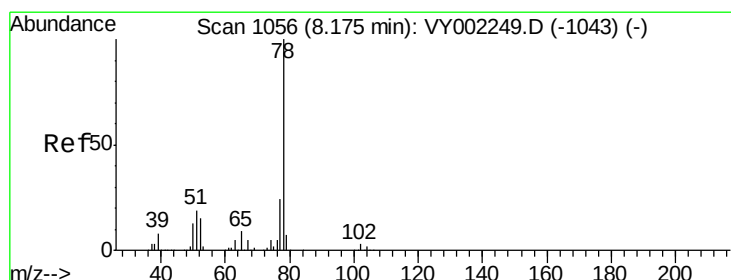
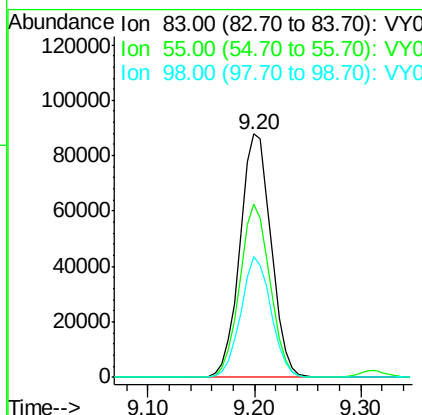
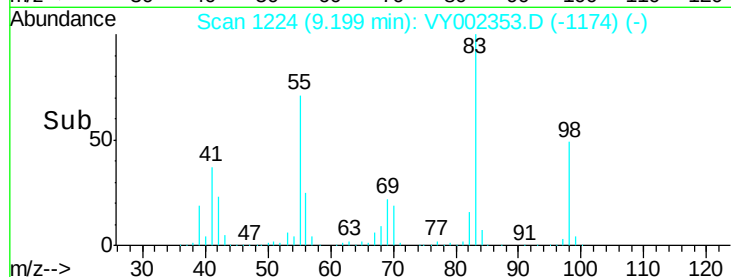
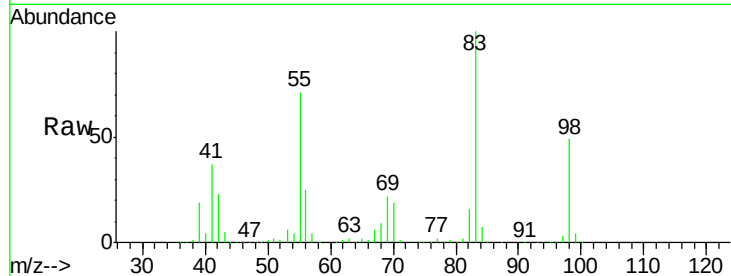
#39
Methylvlcyclohexane
Concen: 45.179 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	180715		
55	71.2		59.3	88.9
98	49.3		39.6	59.4

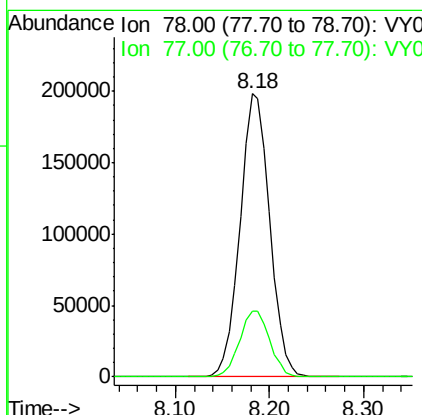
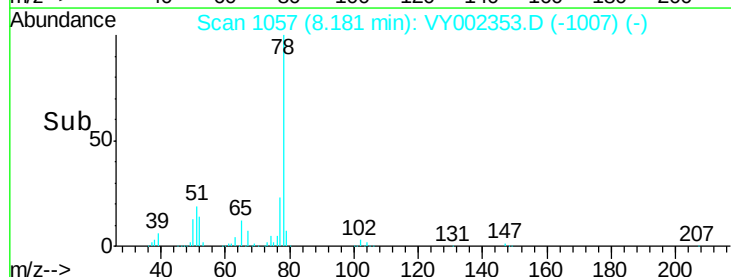
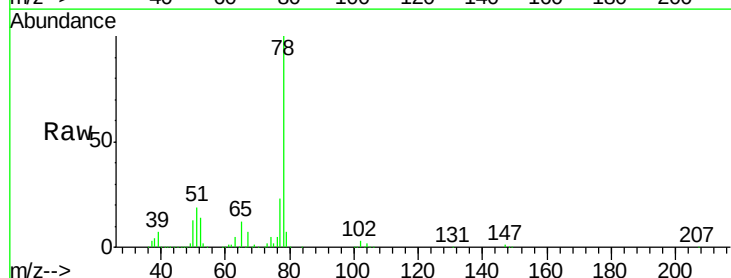
Manual Integrations
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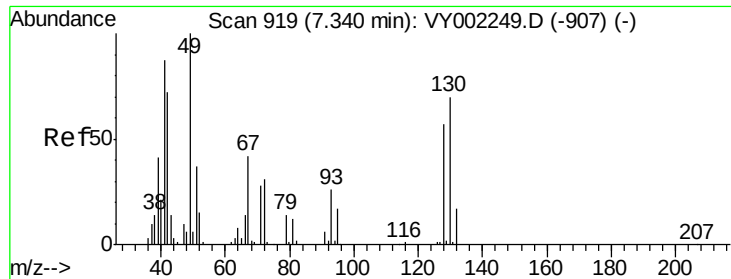
MMDadoda
4/16/2020 10:31:38 AM



#40
Benzene
Concen: 48.805 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	435412		
77	23.3		18.9	28.3





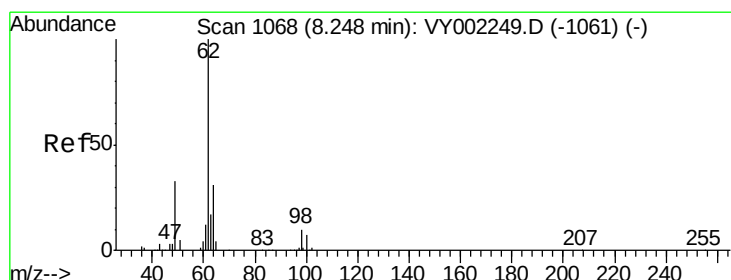
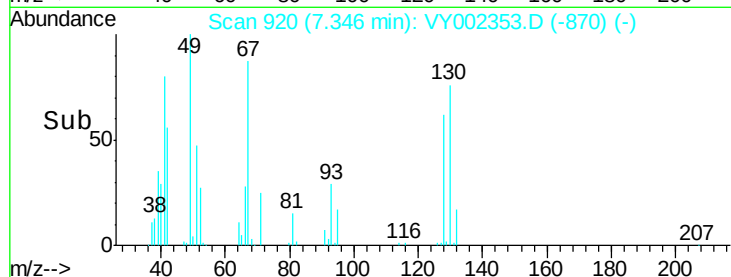
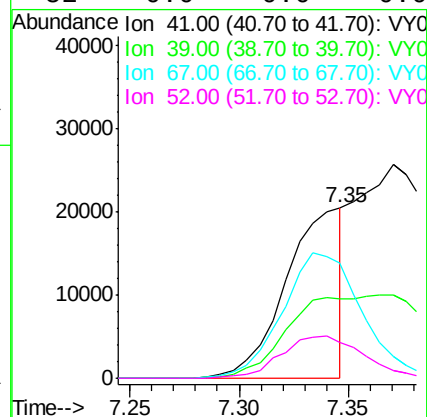
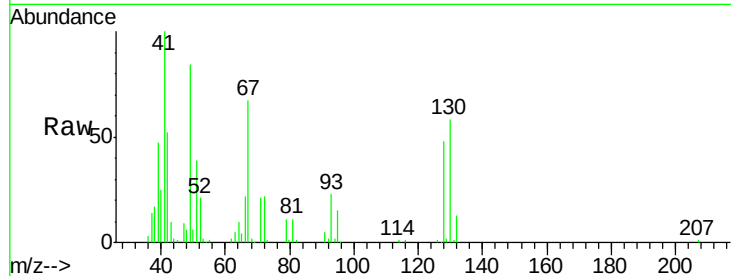
#41
Methacrylonitrile
Concen: 37.685 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	122.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

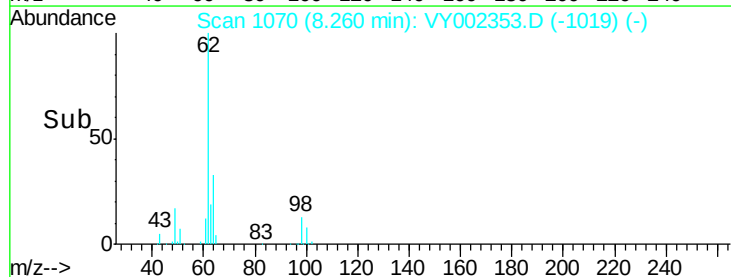
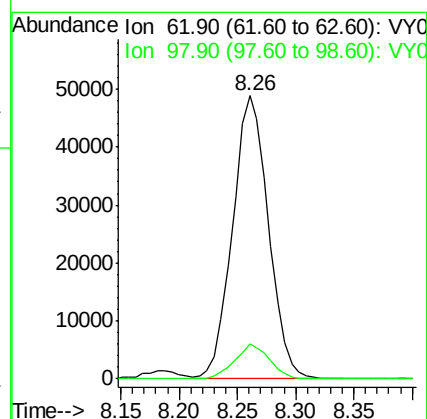
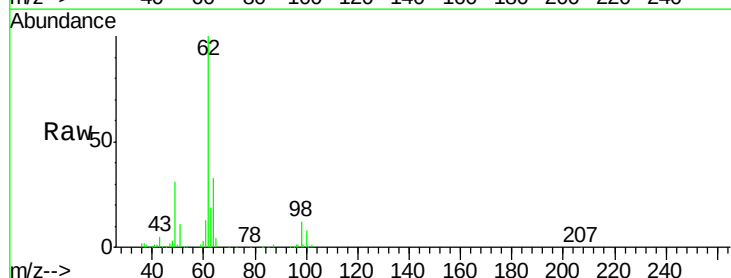
Manual Integrations
APPROVED

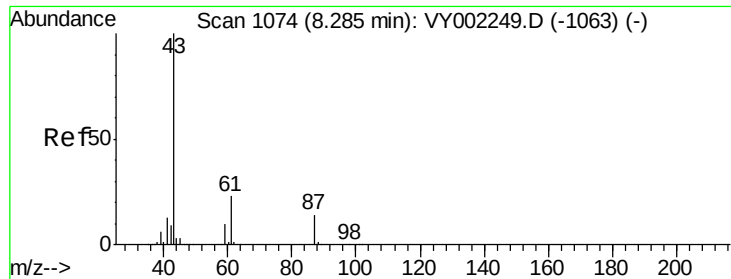
MMDadoda
4/16/2020 10:31:38 AM



#42
1,2-Dichloroethane
Concen: 47.429 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	22.6





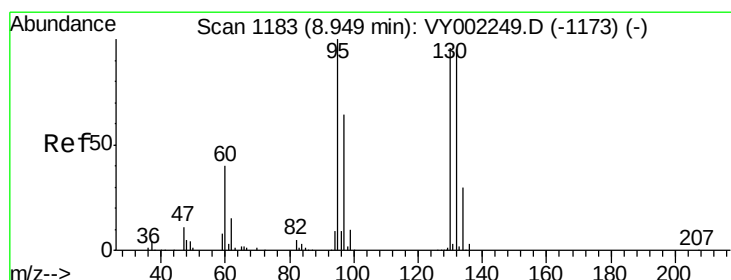
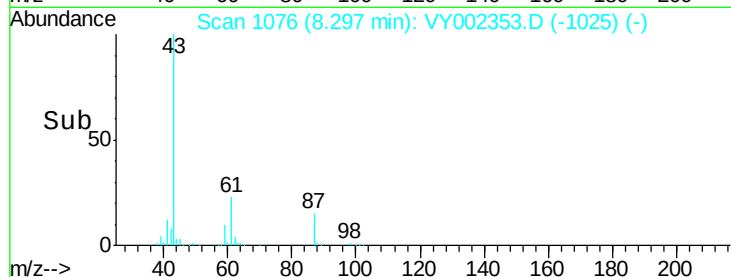
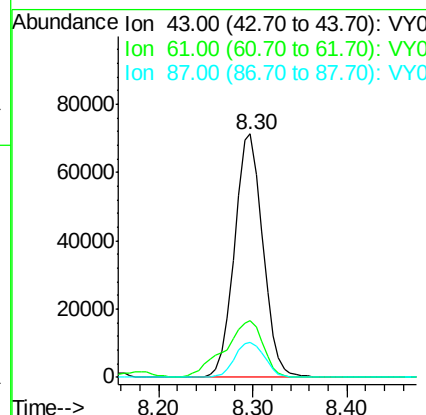
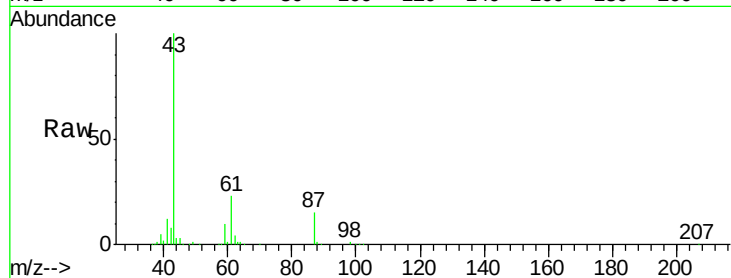
#43
Isopropyl Acetate
Concen: 48.642 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.9	37.3
87	15.3	11.7	17.5

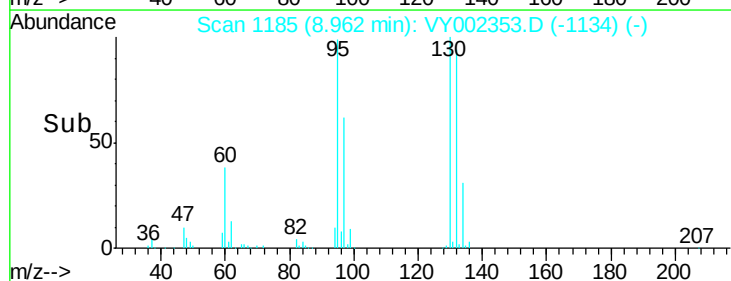
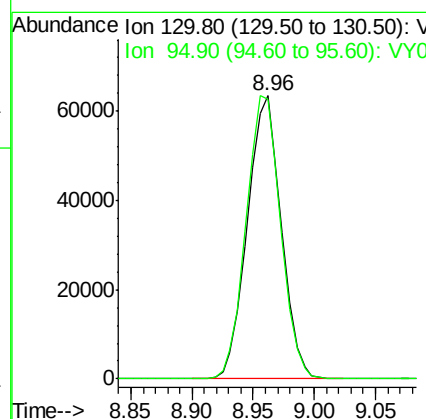
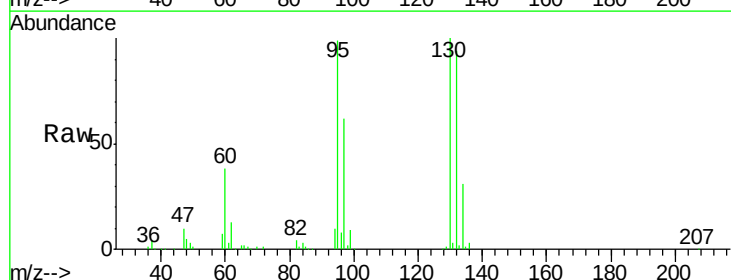
Manual Integrations
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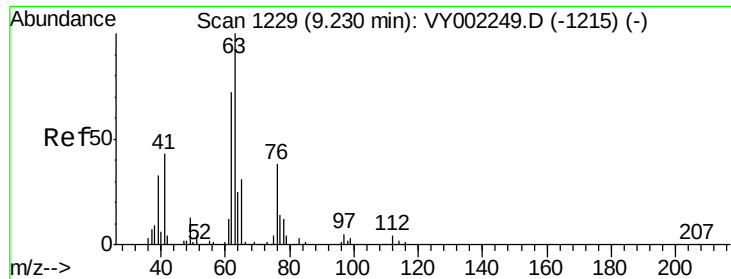
MMDadoda
4/16/2020 10:31:38 AM



#44
Trichloroethene
Concen: 46.593 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	208.2





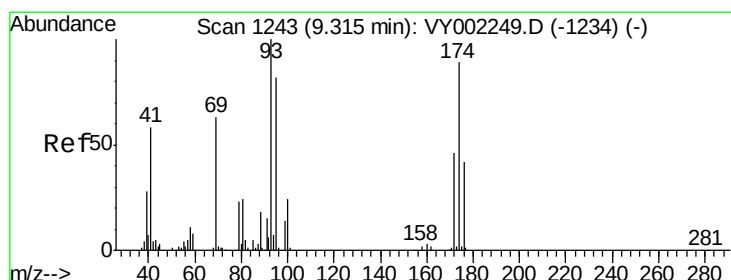
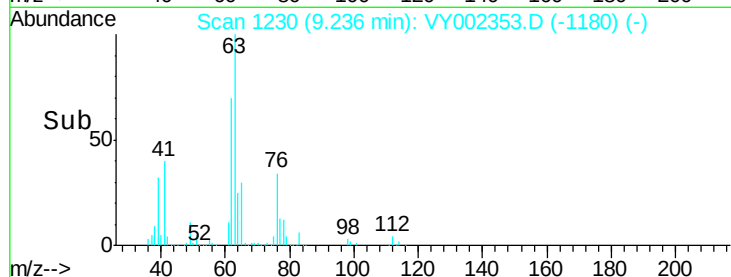
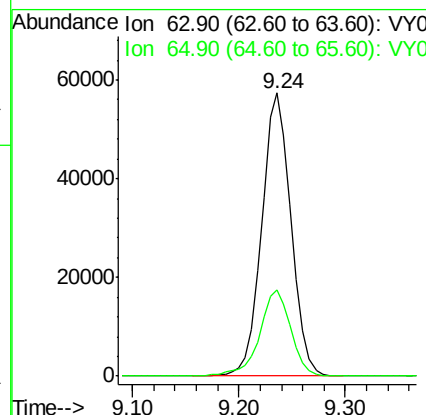
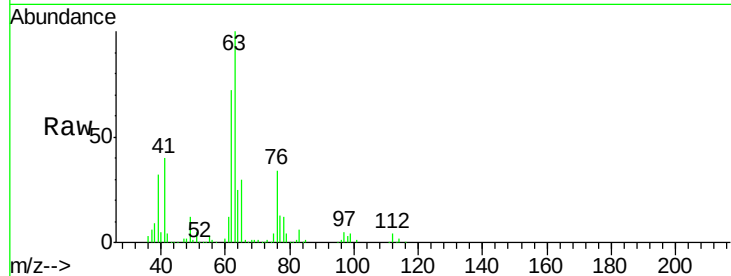
#45
 1,2-Dichloropropane
 Concen: 49.753 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.6	37.0

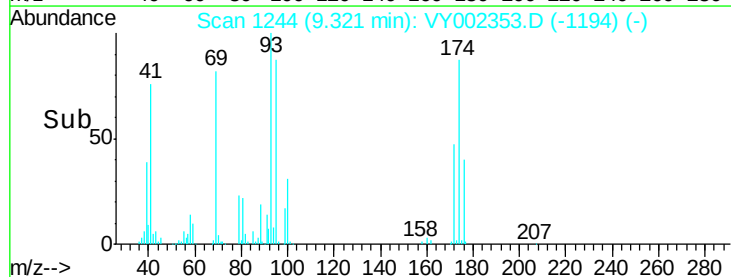
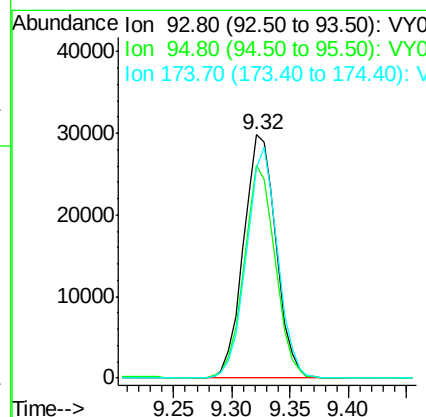
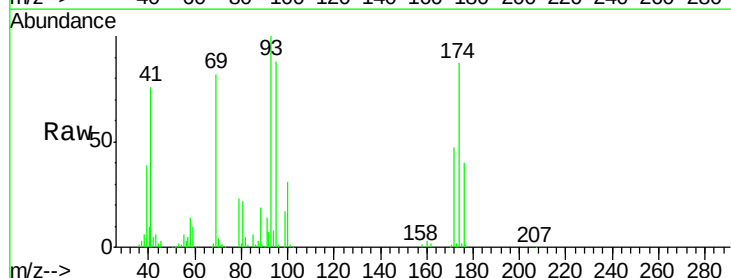
Manual Integrations
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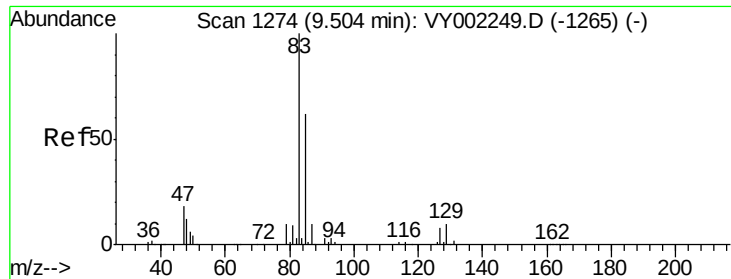
MMDadoda
 4/16/2020 10:31:38 AM



#46
 Dibromomethane
 Concen: 50.085 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.3	100.9
174	90.8	72.5	108.7





#47

Bromodichloromethane

Concen: 49.586 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

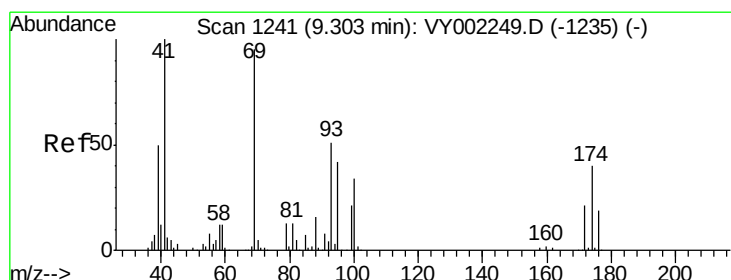
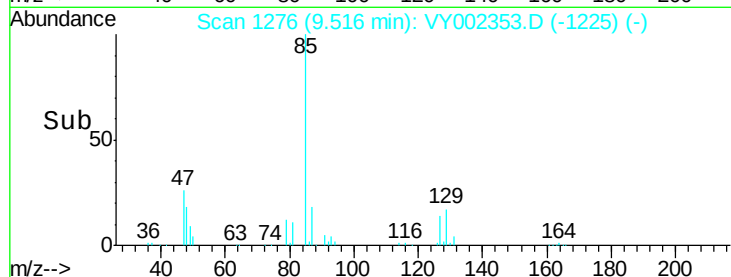
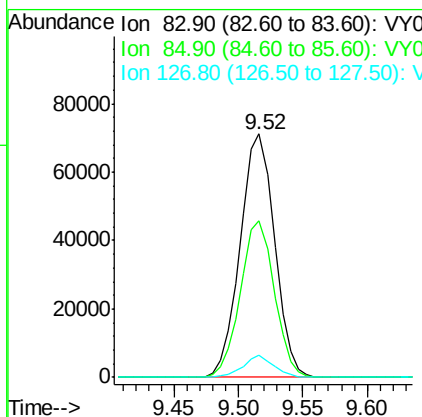
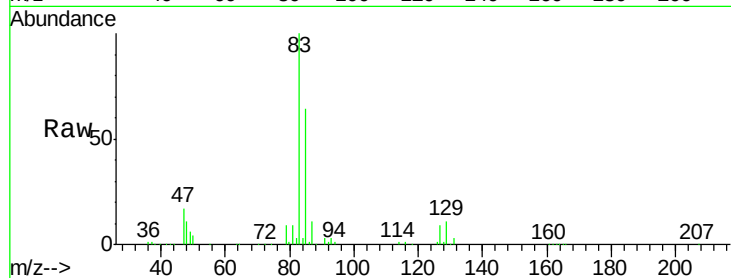
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	131683
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5
127	8.9	6.2	9.4

Manual Integrations
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MMDadoda
4/16/2020 10:31:38 AM



#48

Methyl methacrylate

Concen: 46.825 ug/l

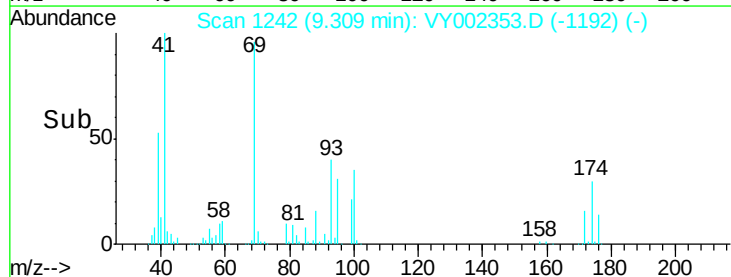
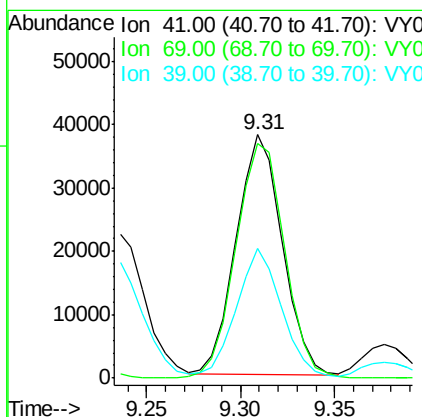
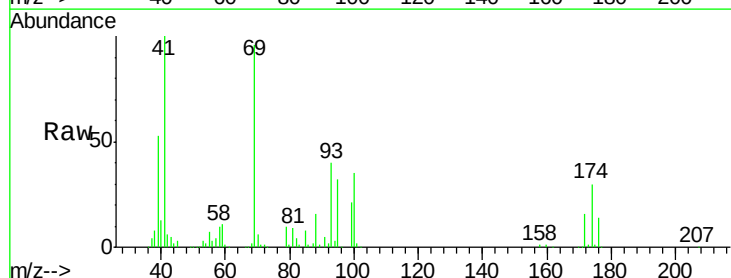
RT: 9.31 min Scan# 1242

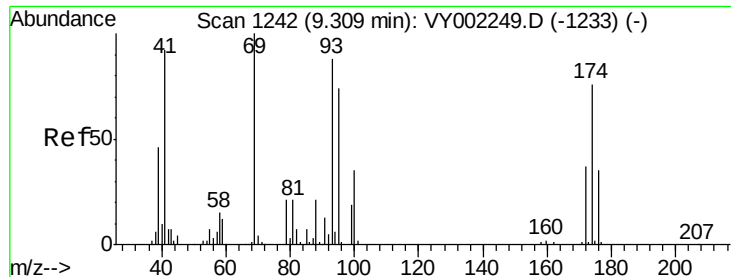
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	41	Resp:	64325
Ion	Ratio	Lower	Upper
41	100		
69	103.6	76.7	115.1
39	53.3	40.5	60.7





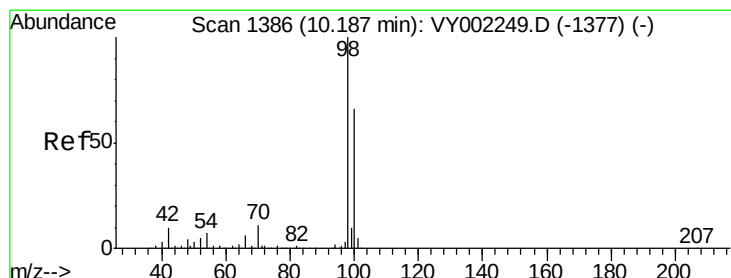
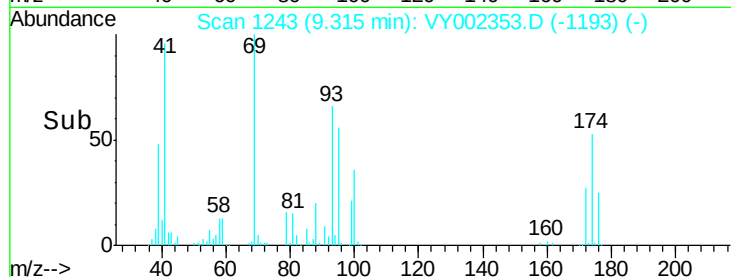
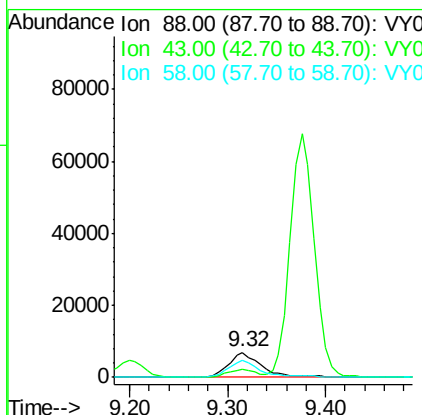
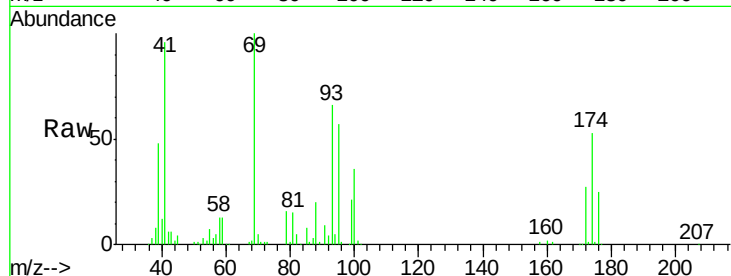
#49
1,4-Dioxane
Concen: 1002.941 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	16420
Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.2	33.2
58	68.1	57.6	86.4

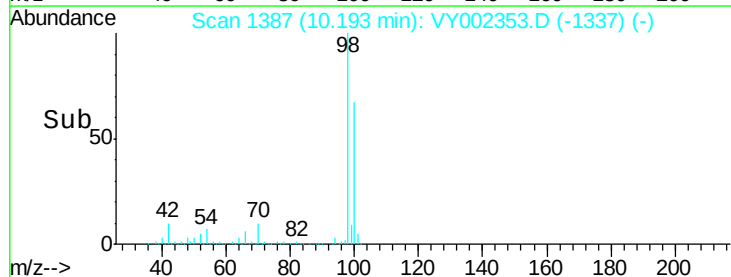
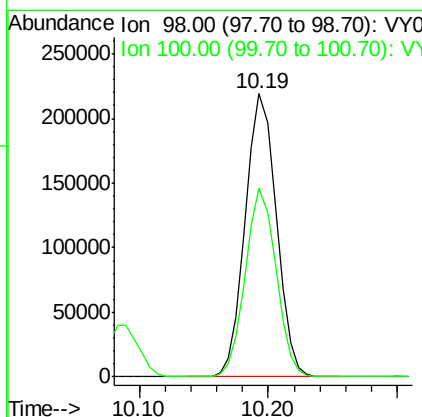
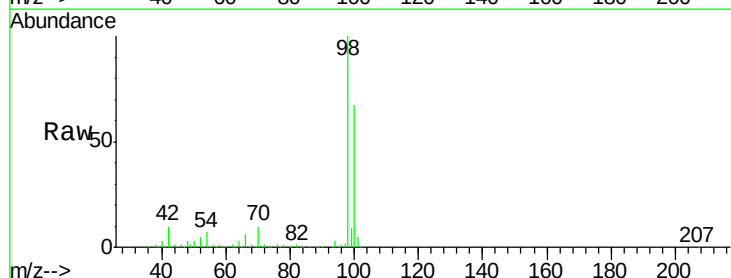
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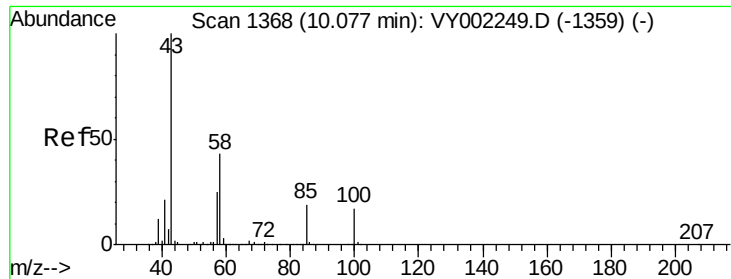
MMDadoda
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#50
Toluene-d8
Concen: 49.283 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	98	Resp	366422
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





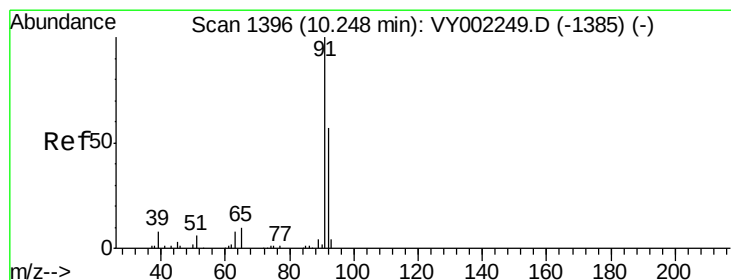
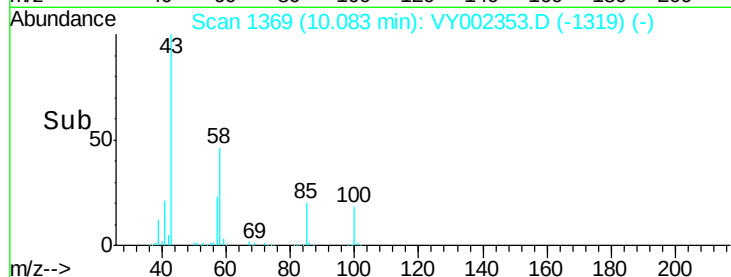
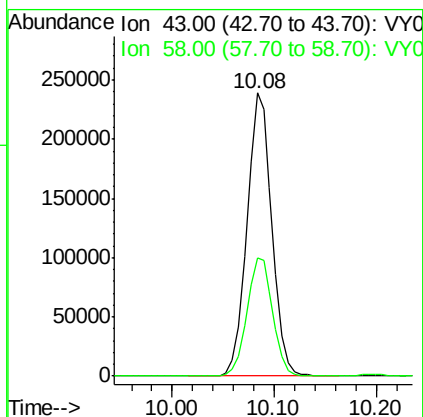
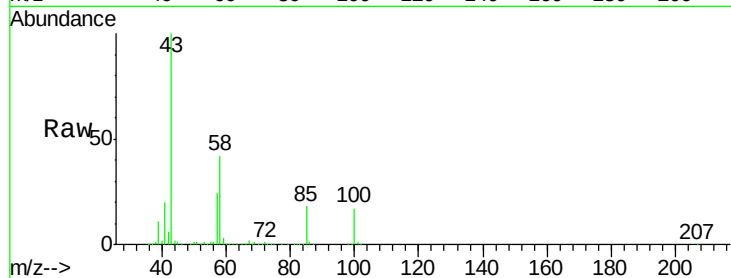
#51
 4-Methyl-2-Pentanone
 Concen: 252.571 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	403210
Ion Ratio	100	Lower	Upper
43	100		
58	43.3	33.8	50.8

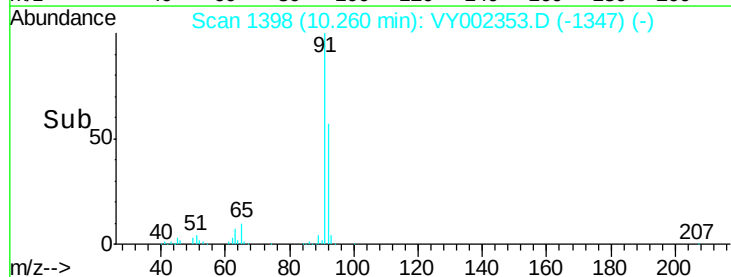
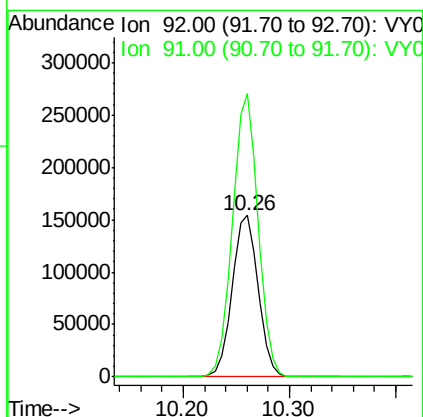
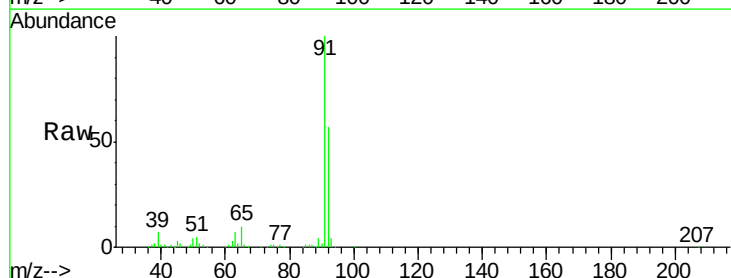
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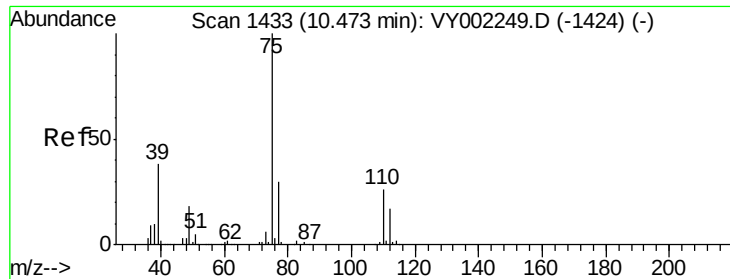
MMDadoda
 4/16/2020 10:31:38 AM



#52
 Toluene
 Concen: 49.128 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	92	Resp	264139
Ion Ratio	100	Lower	Upper
92	100		
91	171.9	139.0	208.6





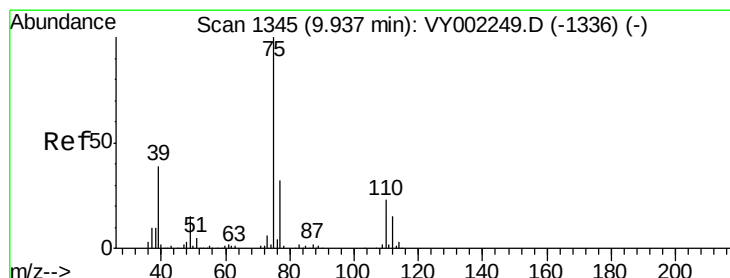
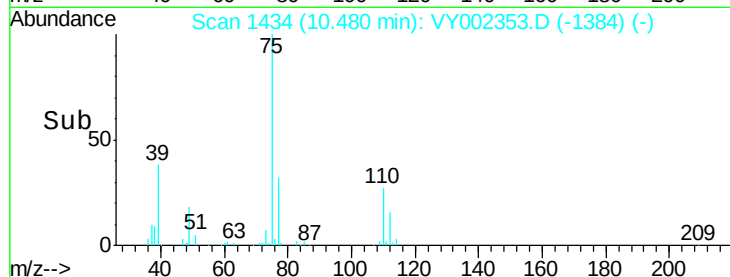
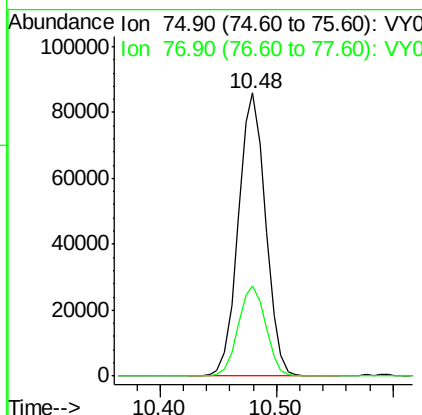
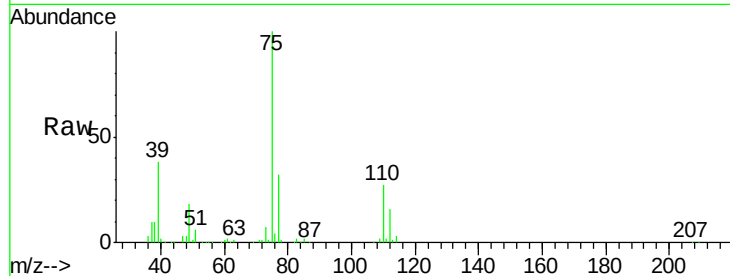
#53
t-1,3-Dichloropropene
Concen: 48.423 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.2	36.2

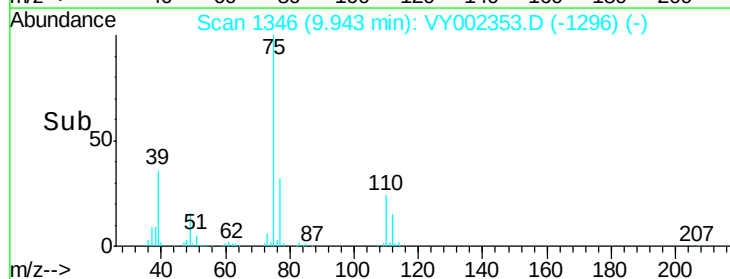
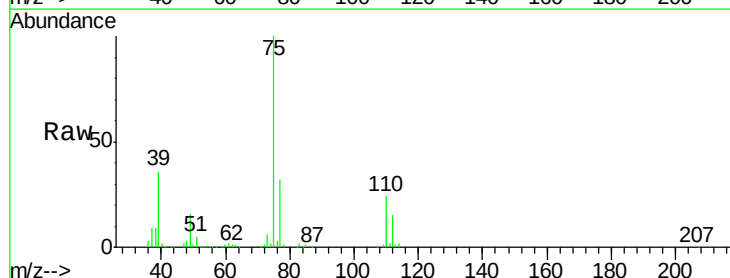
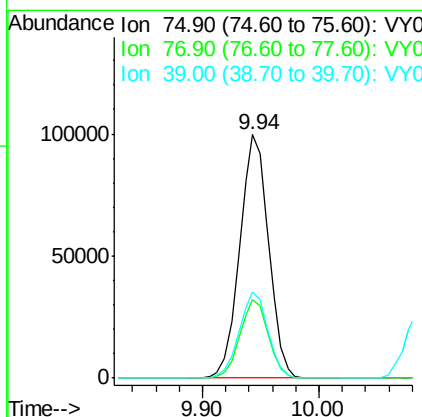
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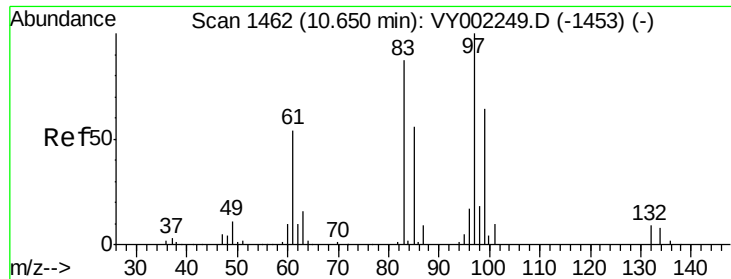
MMDadoda
4/16/2020 10:31:38 AM



#54
cis-1,3-Dichloropropene
Concen: 49.313 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	35.7	30.8	46.2





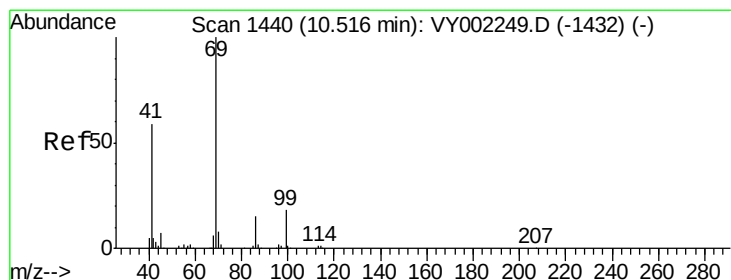
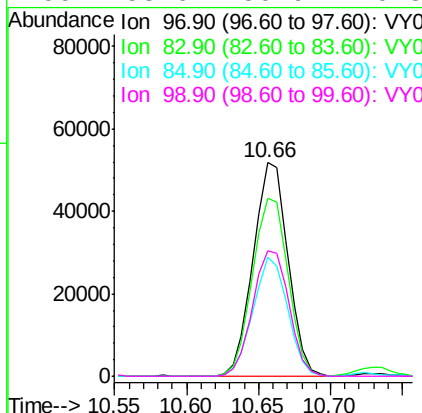
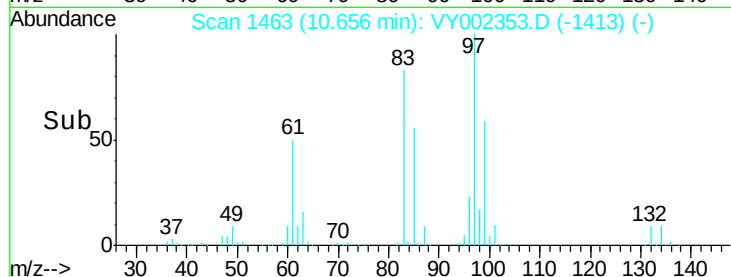
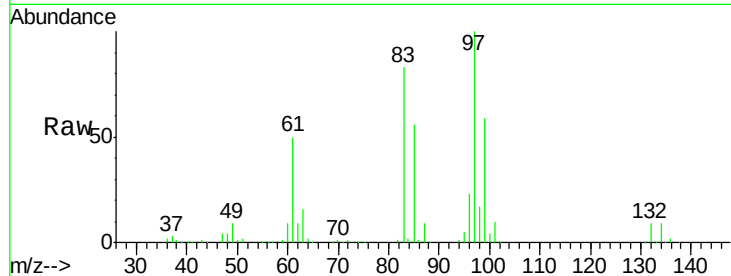
#55
 1,1,2-Trichloroethane
 Concen: 51.078 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		86550		
83	83.5	69.5	104.3		
85	55.6	45.2	67.8		
99	58.6	50.9	76.3		

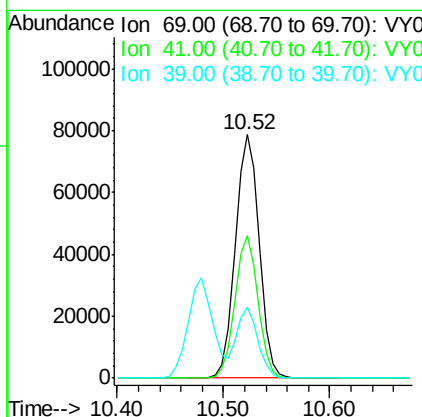
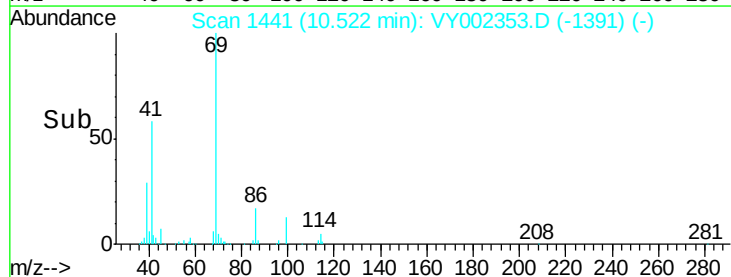
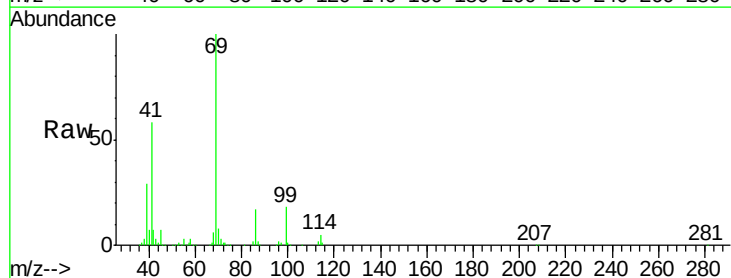
Manual Integrations
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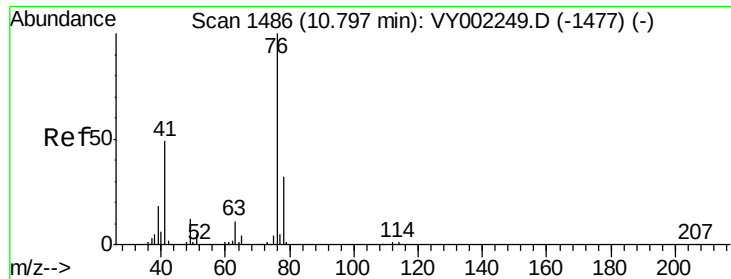
MMDadoda
 4/16/2020 10:31:38 AM



#56
 Ethyl methacrylate
 Concen: 51.154 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		123713		
41	56.7	47.9	71.9		
39	25.8	23.8	35.6		





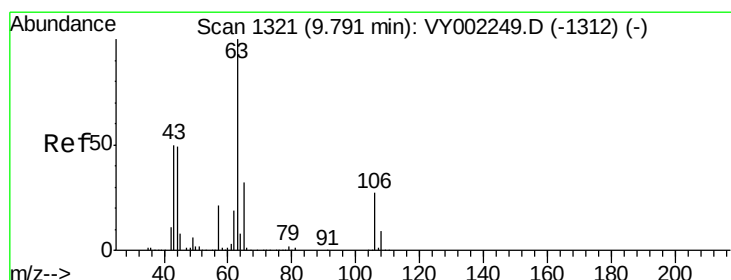
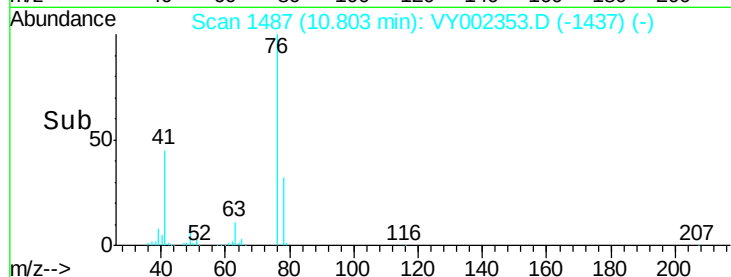
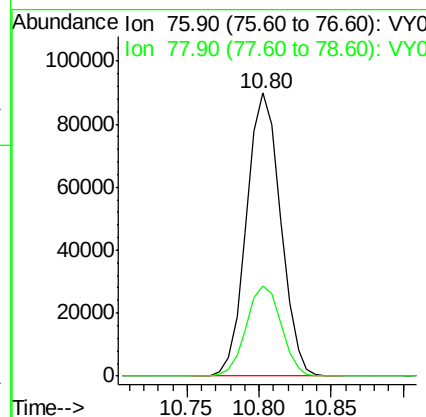
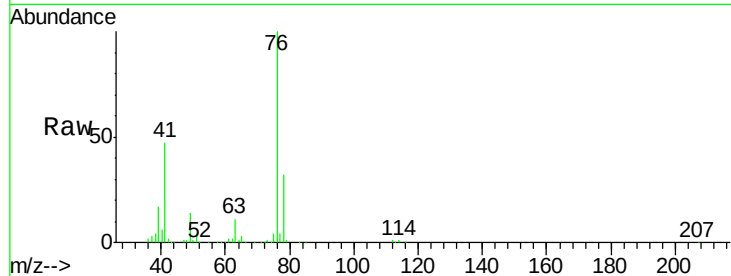
#57
 1,3-Dichloropropane
 Concen: 49.435 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6

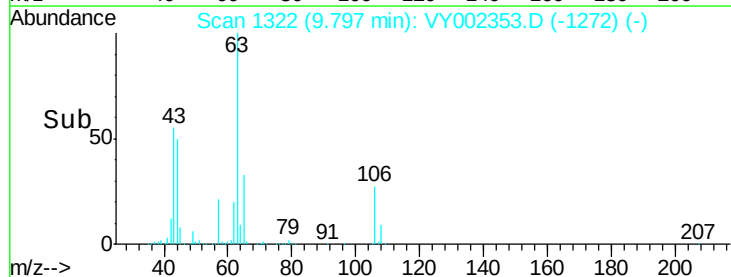
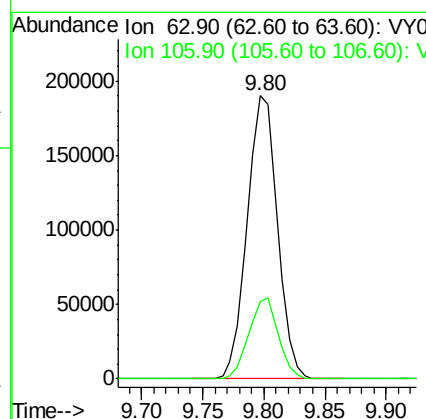
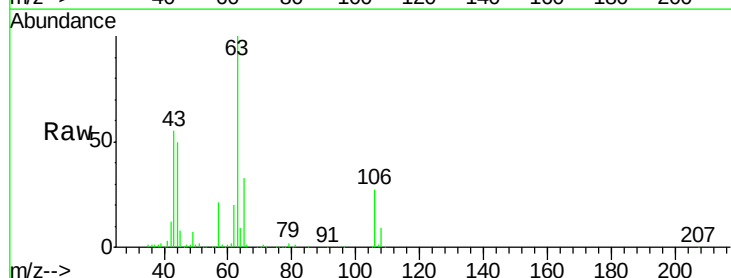
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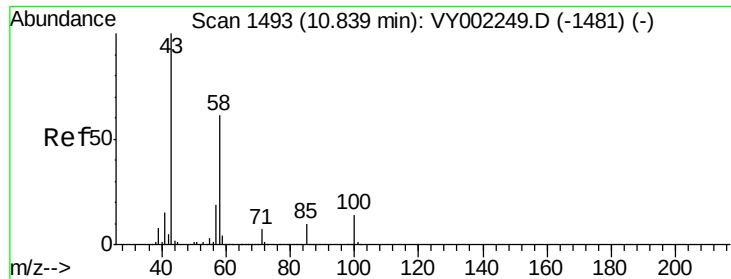
MMDadoda
 4/16/2020 10:31:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.023 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.2	33.2





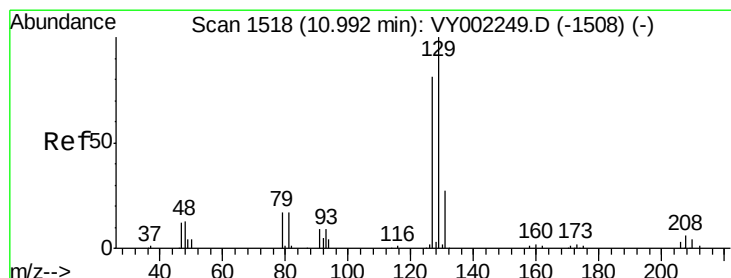
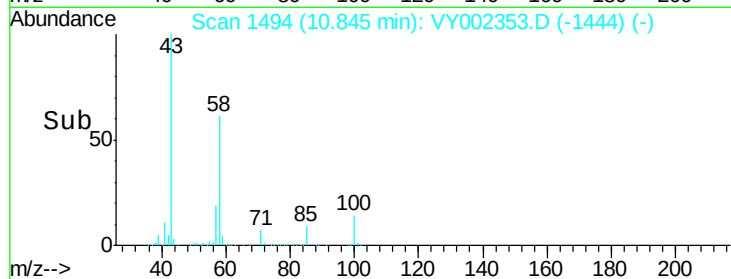
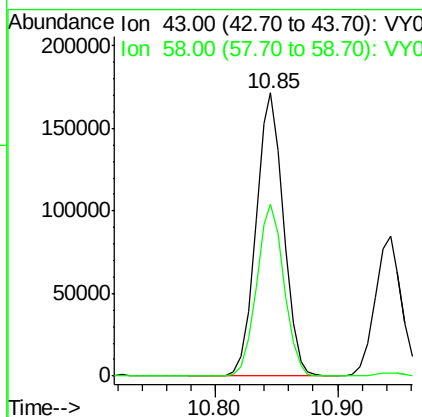
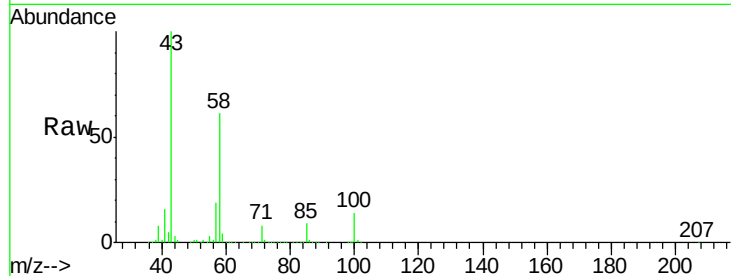
#59
2-Hexanone
Concen: 242.170 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 268315
Ion Ratio Lower Upper
43 100
58 60.4 29.8 89.3

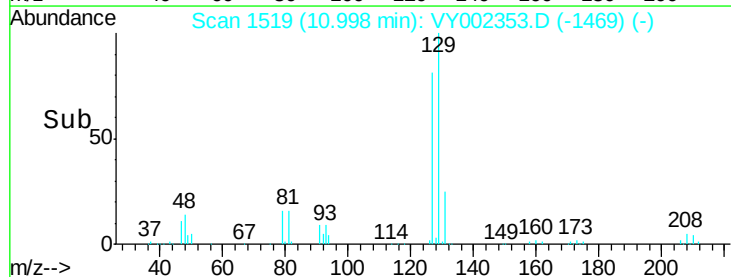
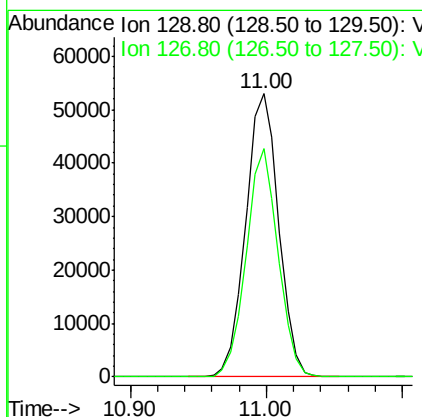
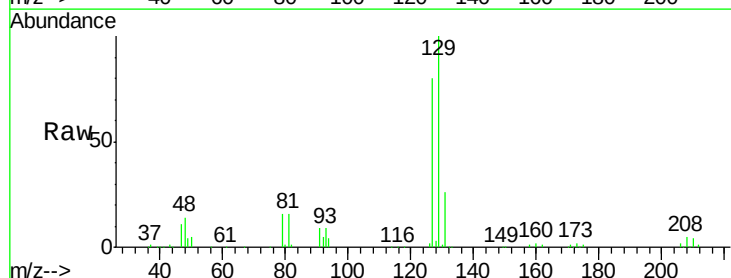
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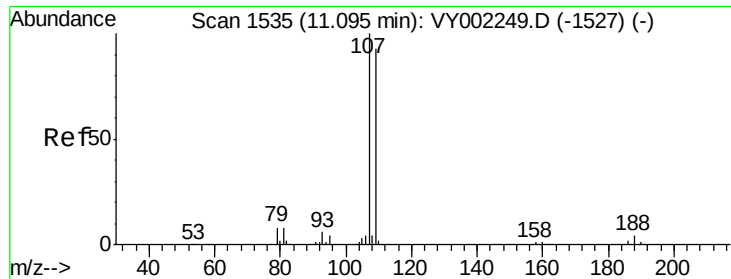
MMDadoda
4/16/2020 10:31:38 AM



#60
Dibromochloromethane
Concen: 49.703 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion: 129 Resp: 89804
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





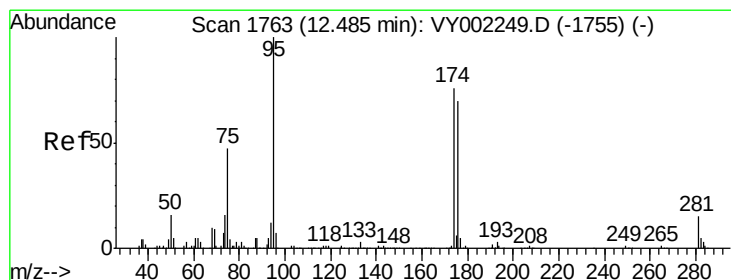
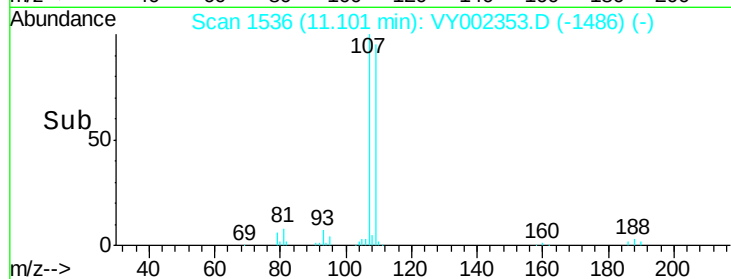
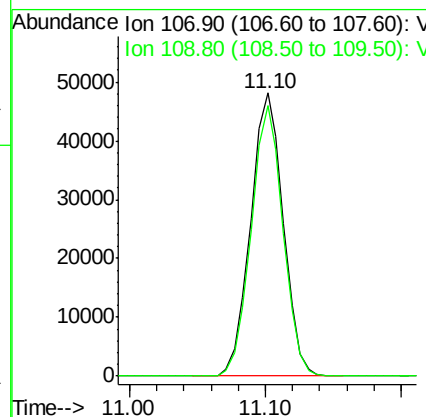
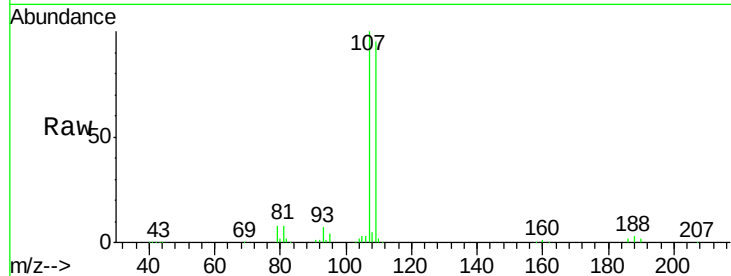
#61
 1,2-Dibromoethane
 Concen: 50.002 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.6	113.4

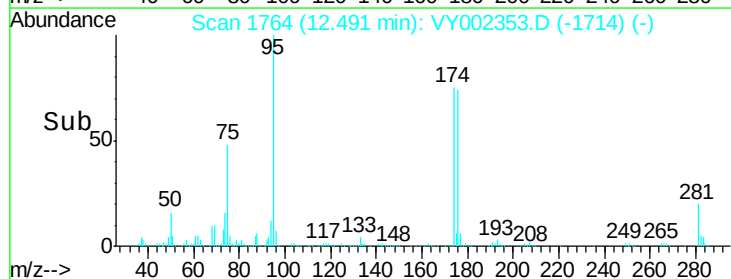
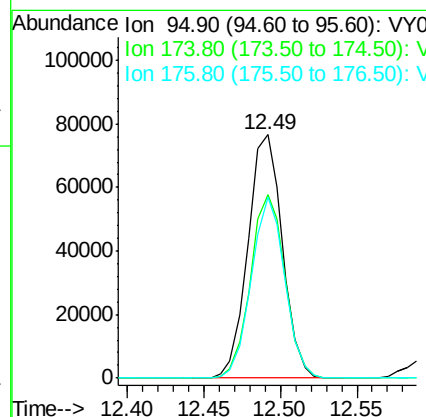
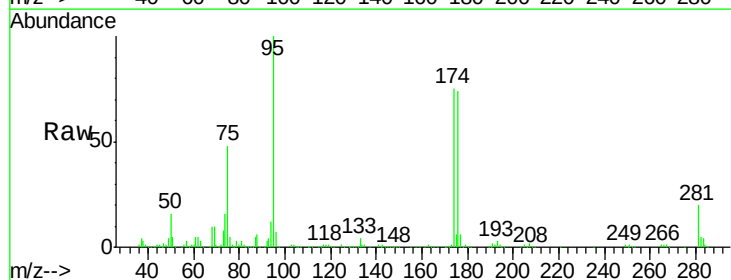
Manual Integrations
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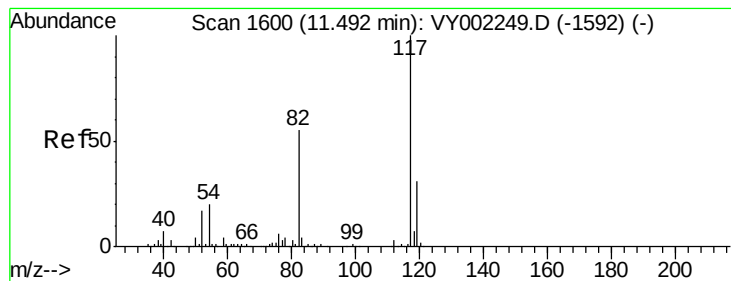
MMDadoda
 4/16/2020 10:31:38 AM



#62
 4-Bromofluorobenzene
 Concen: 48.901 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	150.6
176	72.0	0.0	141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

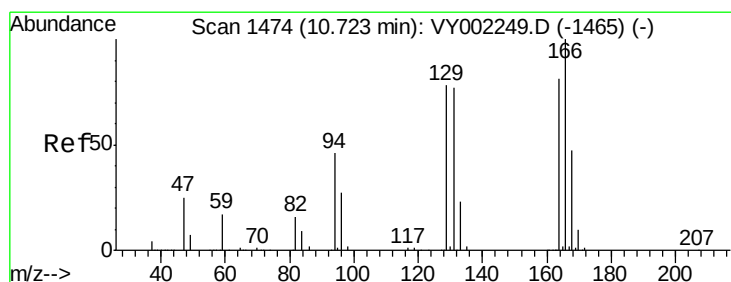
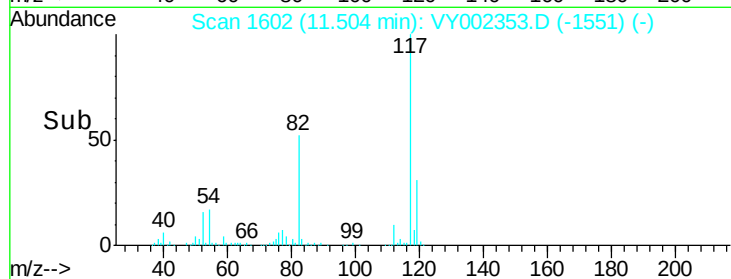
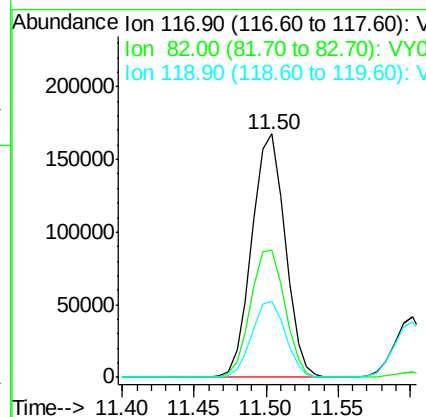
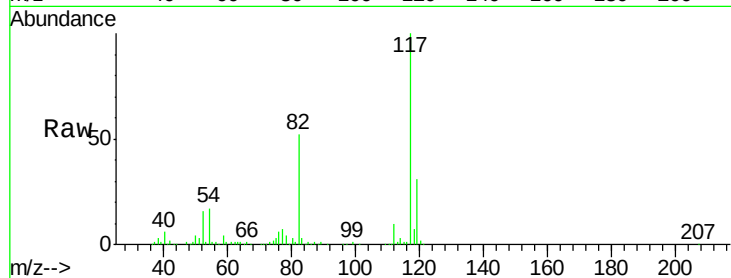
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	267460
Ion Ratio	Lower	Upper	
117	100		
82	52.4	44.2	66.4
119	31.2	25.1	37.7

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#64

Tetrachloroethene

Concen: 46.775 ug/l

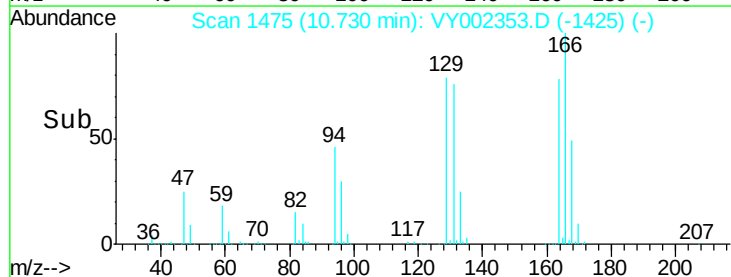
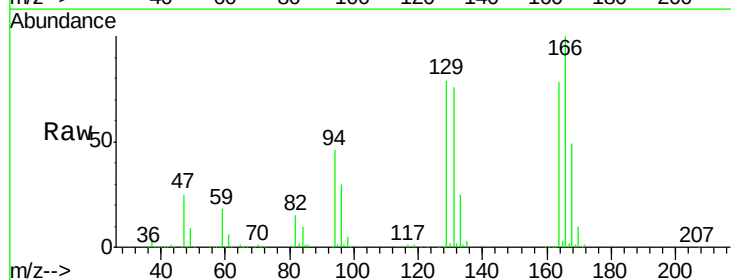
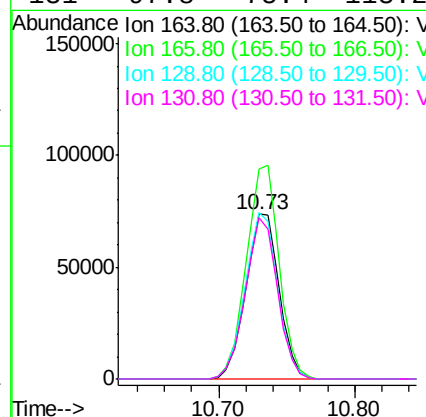
RT: 10.73 min Scan# 1475

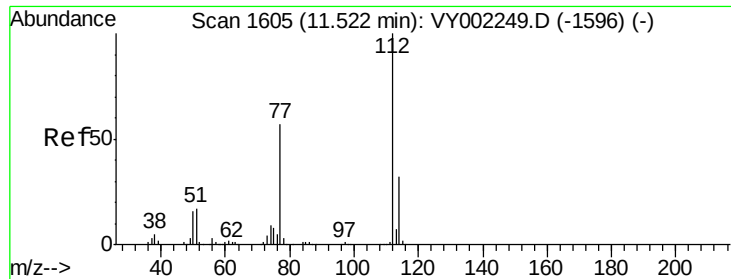
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	164	Resp:	126484
Ion Ratio	Lower	Upper	
164	100		
166	127.8	98.4	147.6
129	101.2	76.6	115.0
131	97.8	75.4	113.2





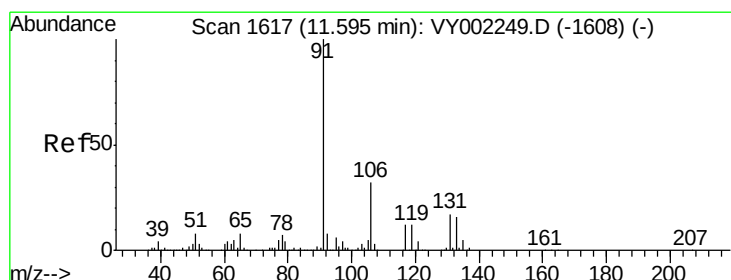
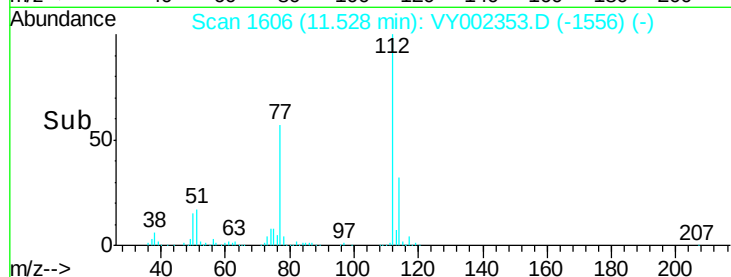
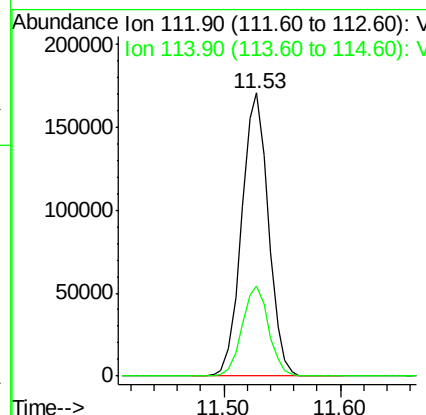
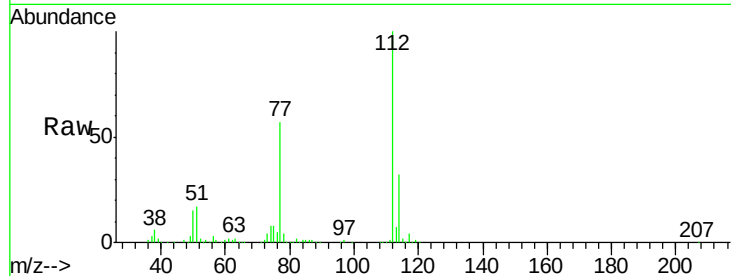
#65
Chlorobenzene
Concen: 49.000 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 272428
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

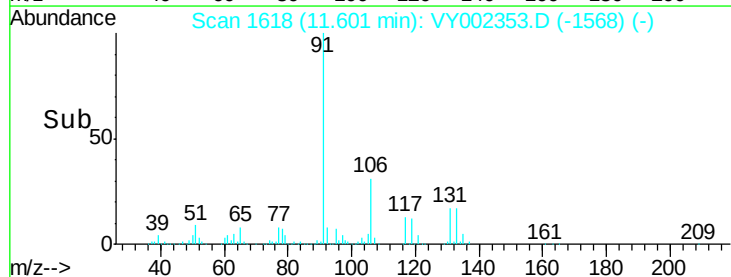
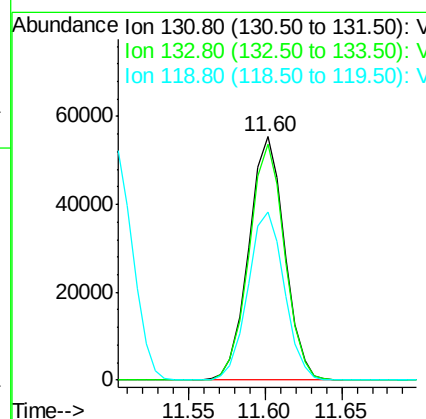
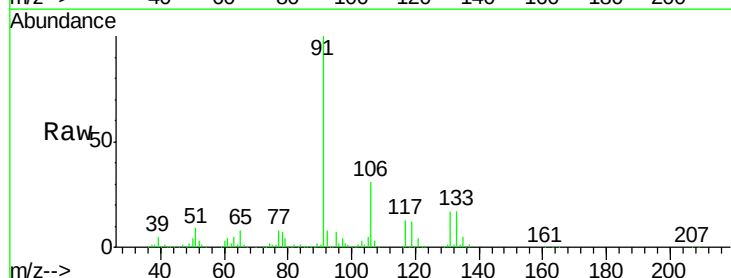
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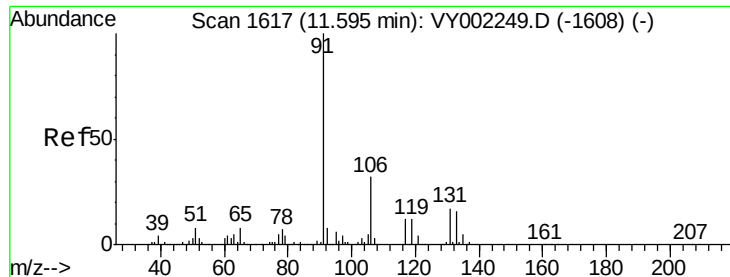
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.131 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion:131 Resp: 90184
Ion Ratio Lower Upper
131 100
133 96.1 46.5 139.3
119 70.1 34.5 103.6





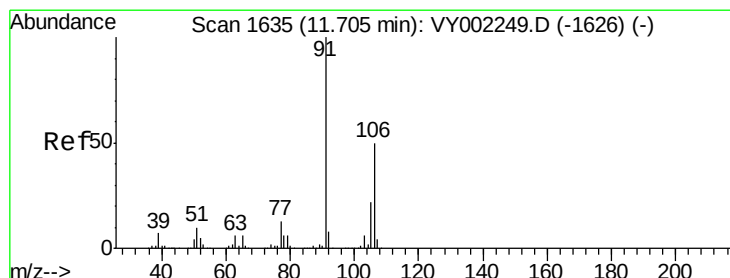
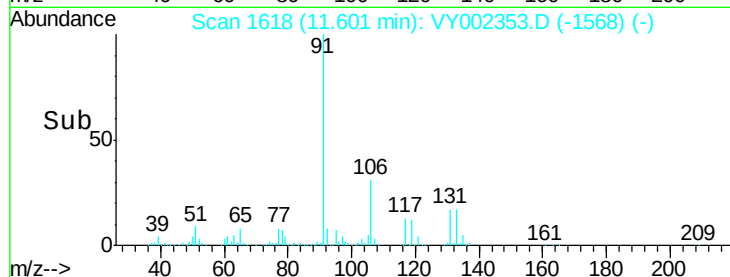
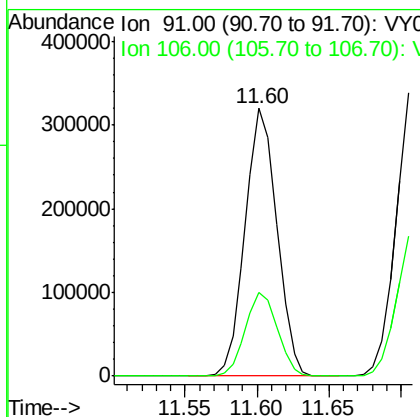
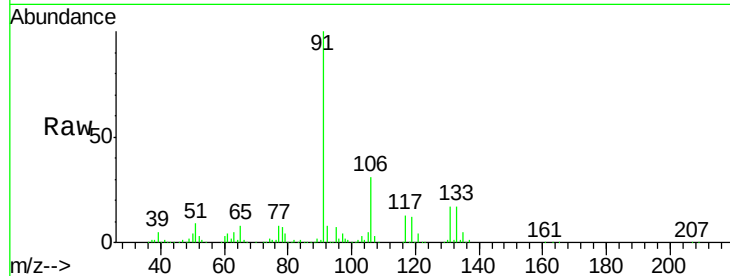
#67
Ethyl Benzene
Concen: 48.083 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 489390
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

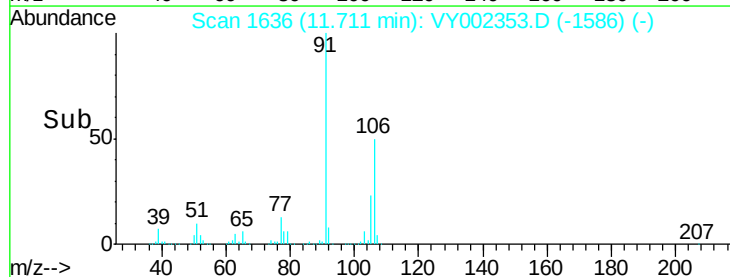
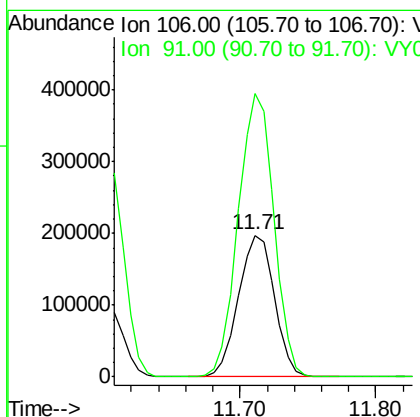
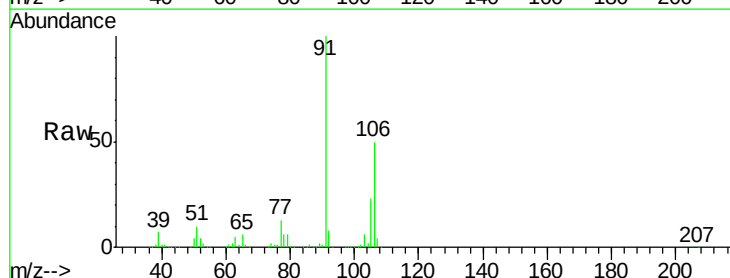
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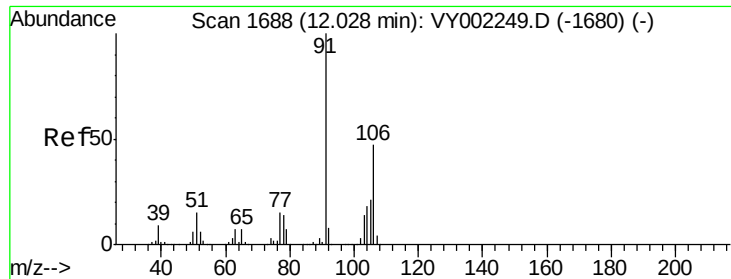
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#68
m/p-Xylenes
Concen: 95.505 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion: 106 Resp: 364078
Ion Ratio Lower Upper
106 100
91 198.5 159.8 239.6





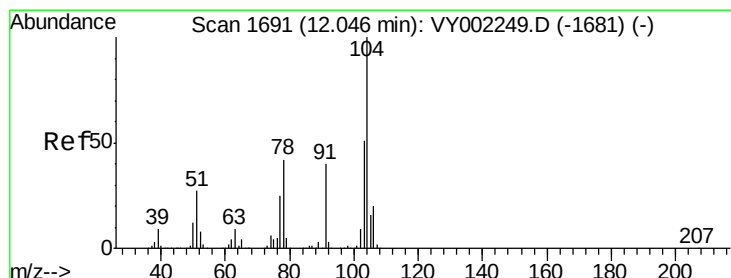
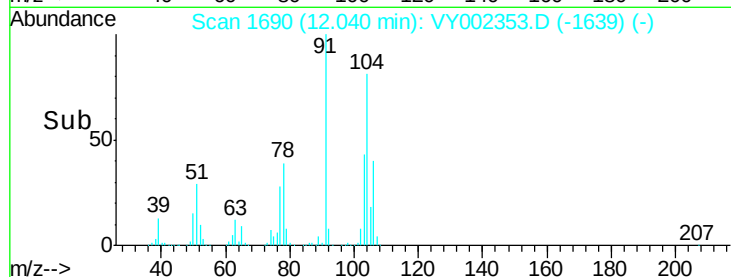
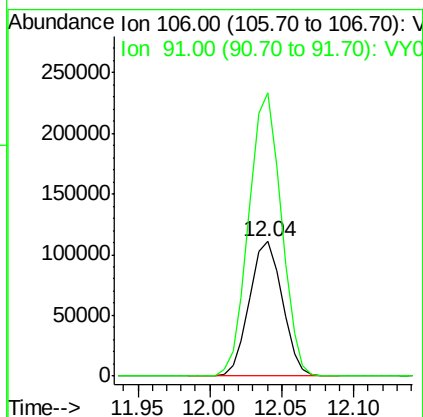
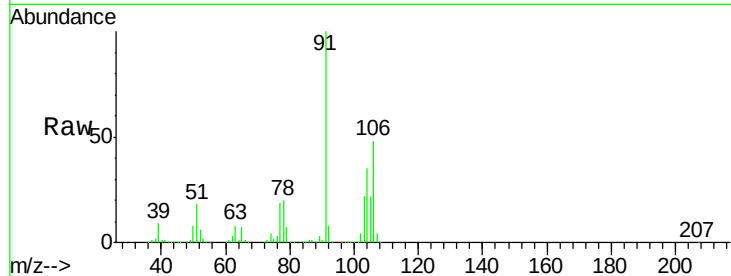
#69
o-Xylene
Concen: 48.907 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	175036		
91	91	208.2	105.8	317.3	

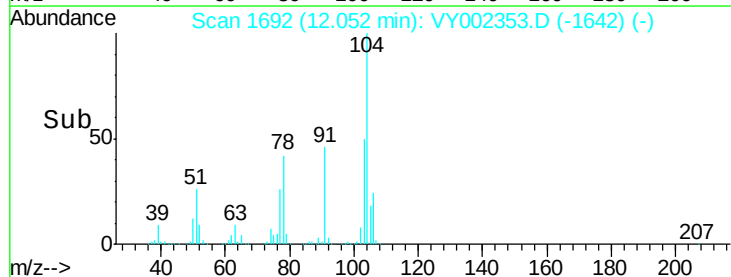
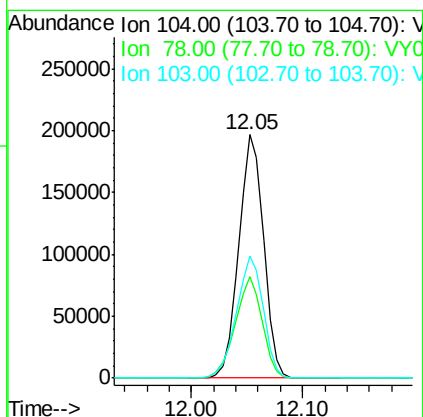
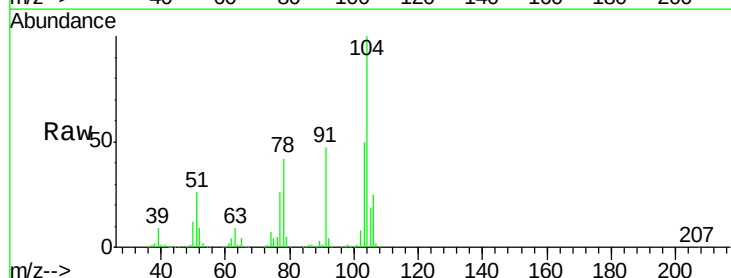
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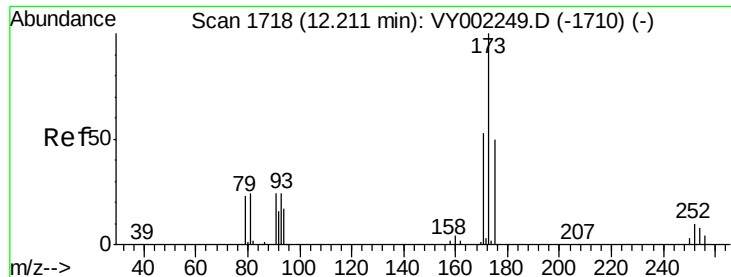
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#70
Styrene
Concen: 48.848 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	303312		
78	78	45.1	37.2	55.8	
103	103	54.2	43.4	65.0	





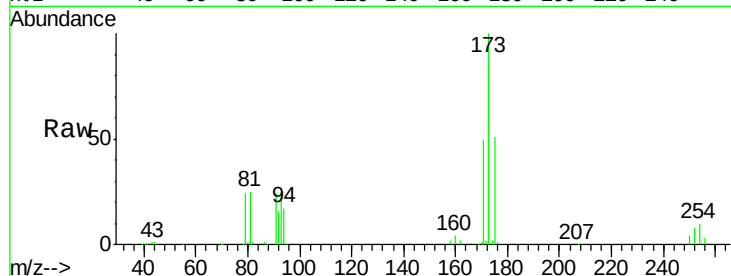
#71
Bromoform
Concen: 51.194 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.1	72.3
254	0.0	0.0	0.0

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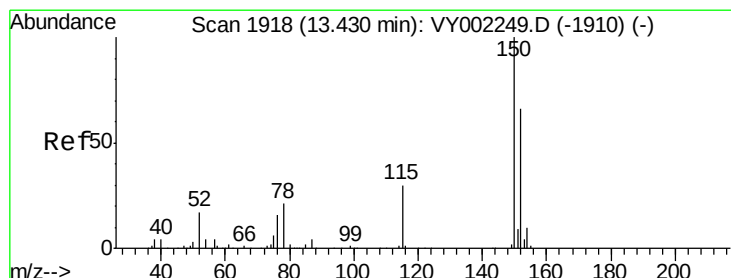
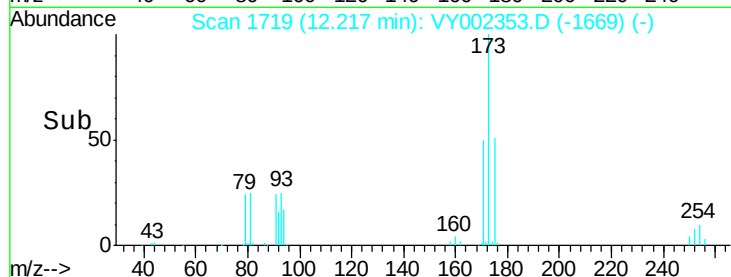
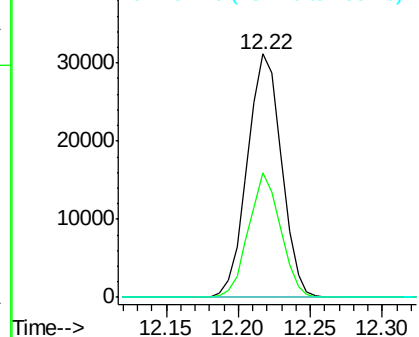


Abundance

Ion 172.70 (172.40 to 173.40): V

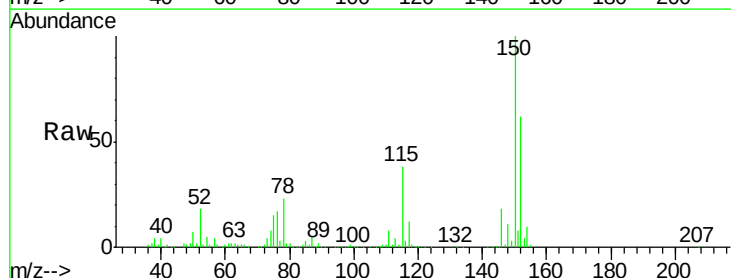
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.7	92.1
150	170.9	0.0	350.6

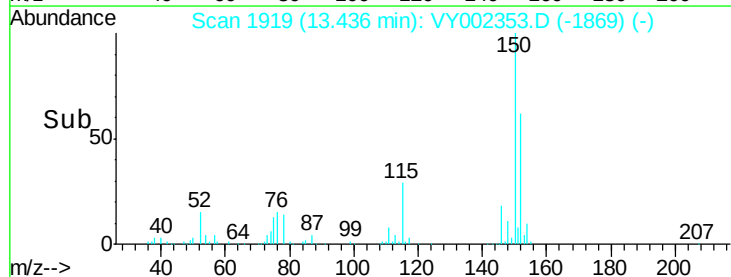
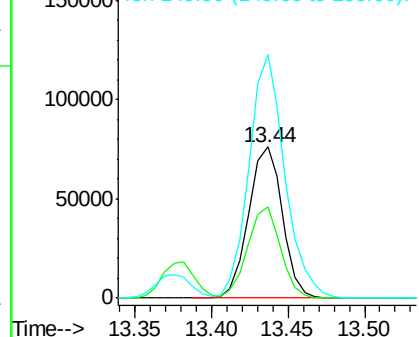


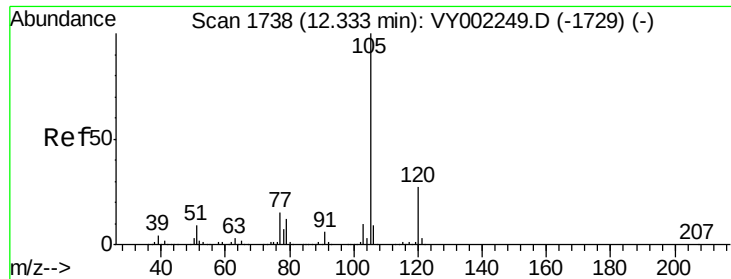
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.299 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 452813

Ion Ratio Lower Upper

105 100

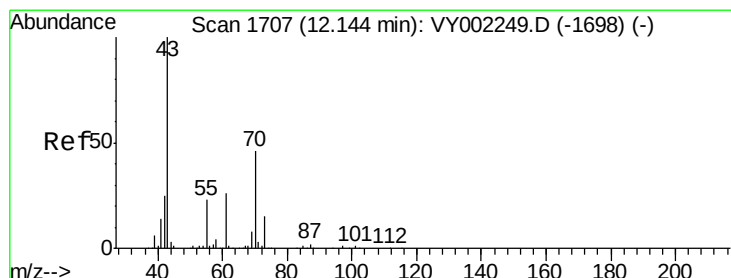
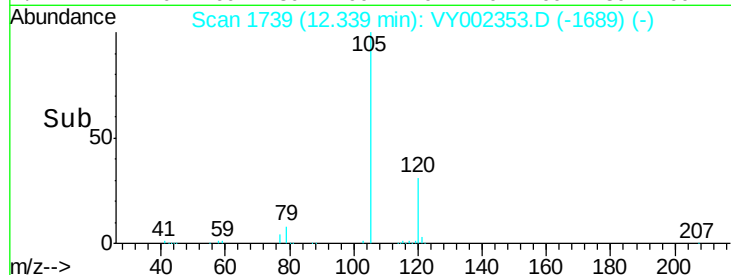
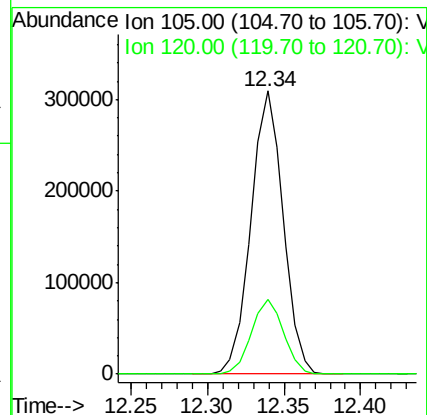
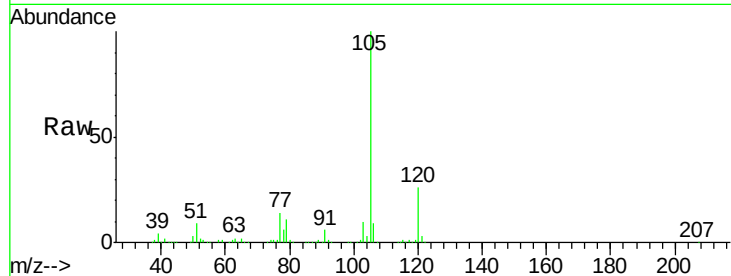
120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 49.081 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion: 43 Resp: 127967

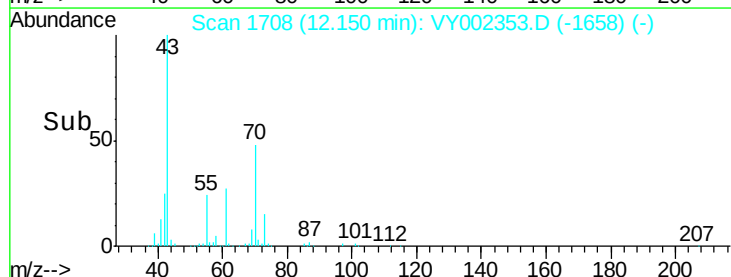
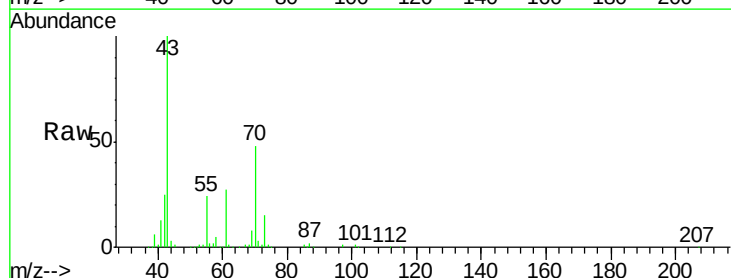
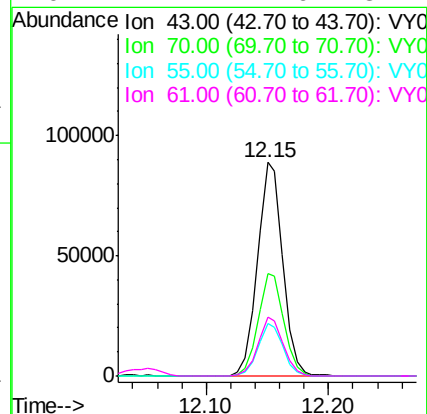
Ion Ratio Lower Upper

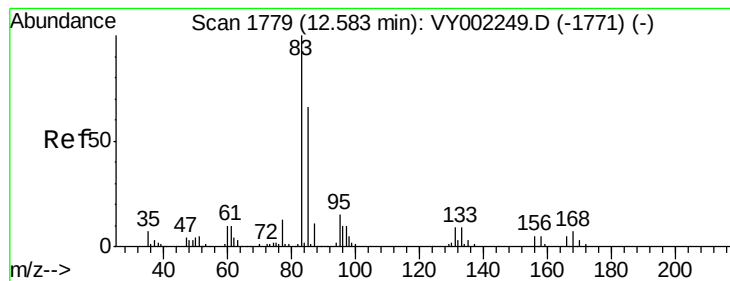
43 100

70 48.8 37.5 56.3

55 24.3 19.0 28.6

61 27.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.100 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

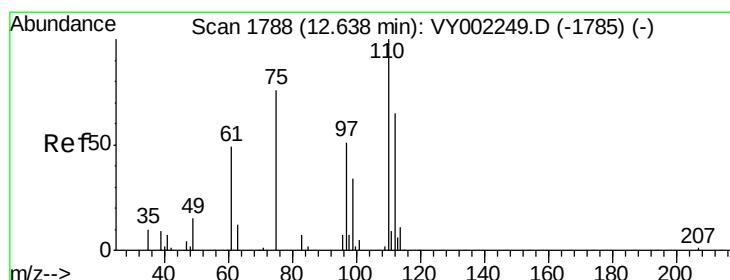
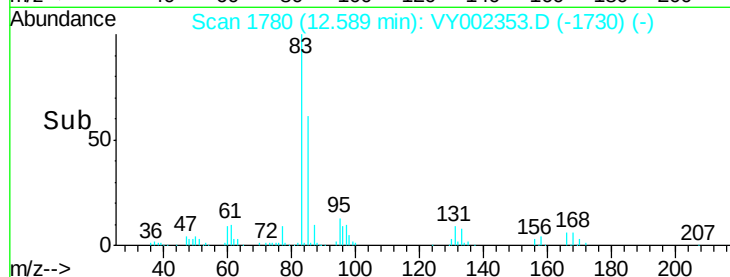
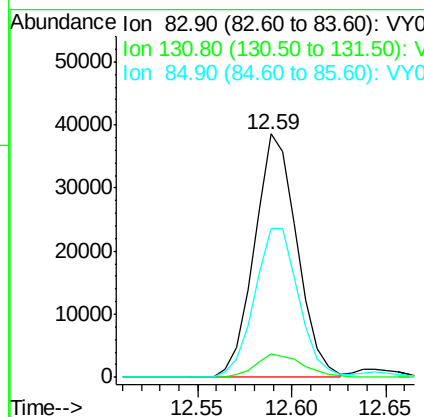
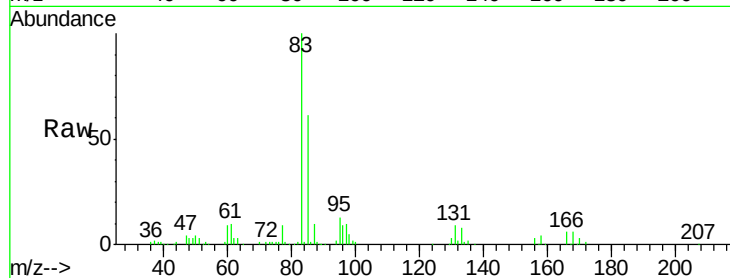
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	60120
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.9	14.7
85	64.1	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 46.955 ug/l m

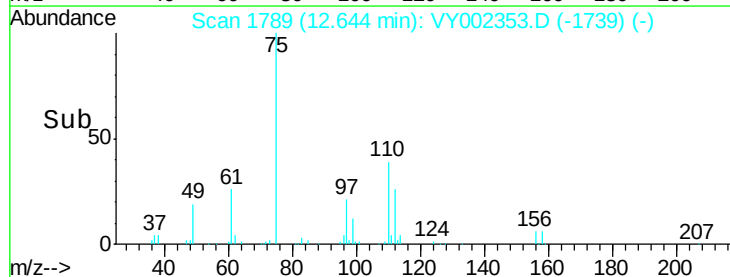
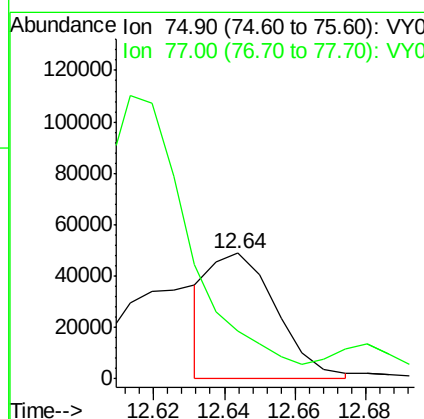
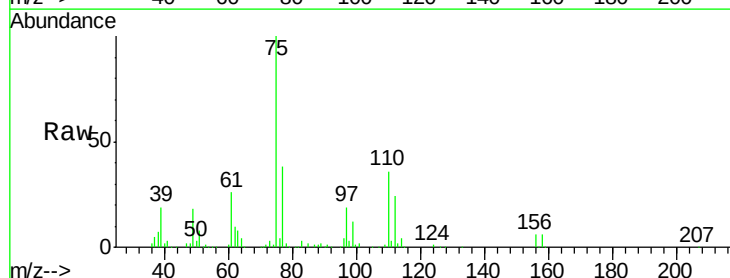
RT: 12.64 min Scan# 1789

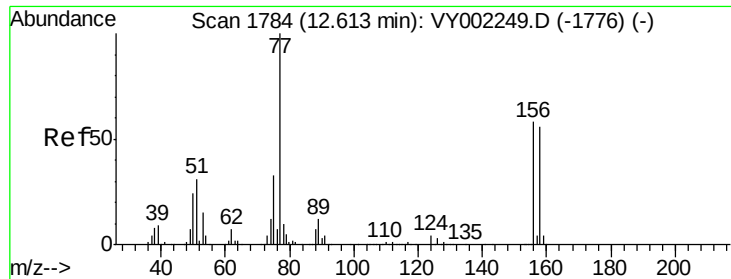
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	75	Resp:	63749
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.787 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

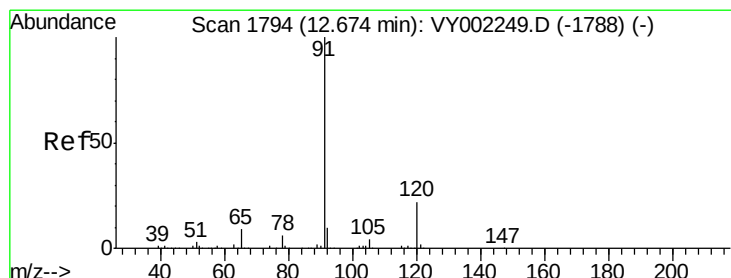
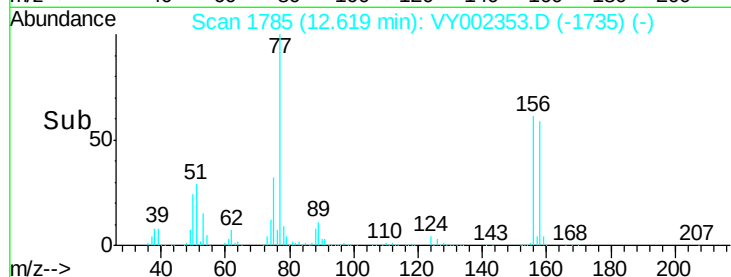
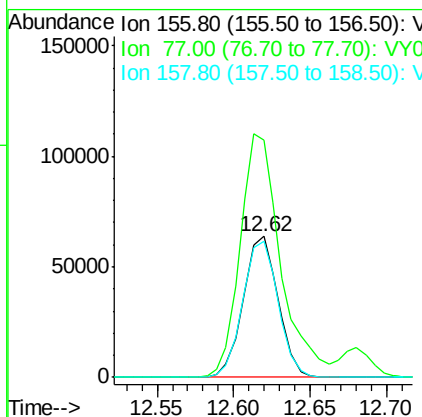
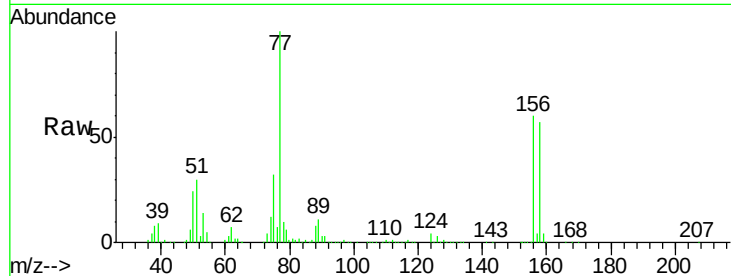
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	100610
Ion Ratio	Lower	Upper	
156	100		
77	201.0	101.3	303.9
158	98.4	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 47.948 ug/l

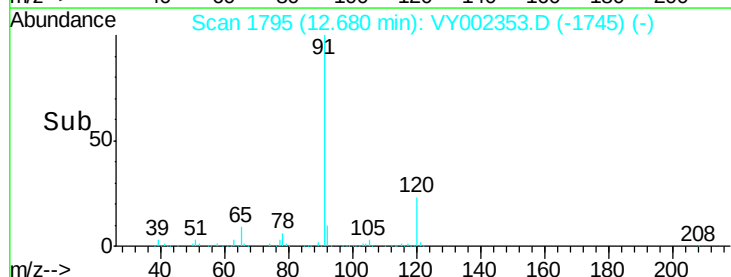
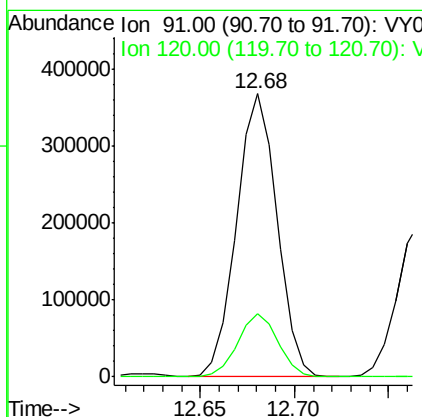
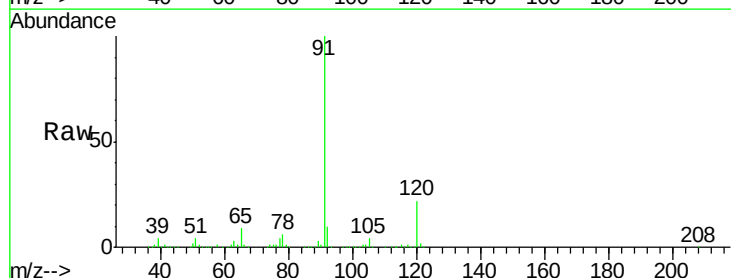
RT: 12.68 min Scan# 1795

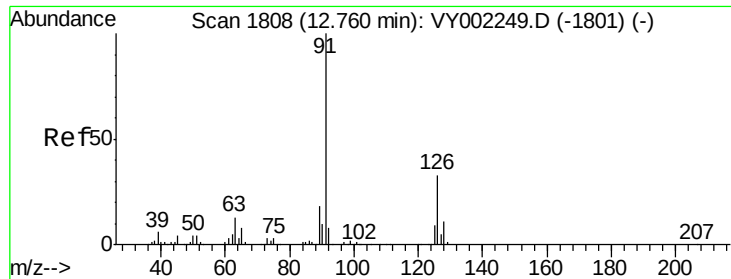
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	91	Resp:	547729
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.2	33.5





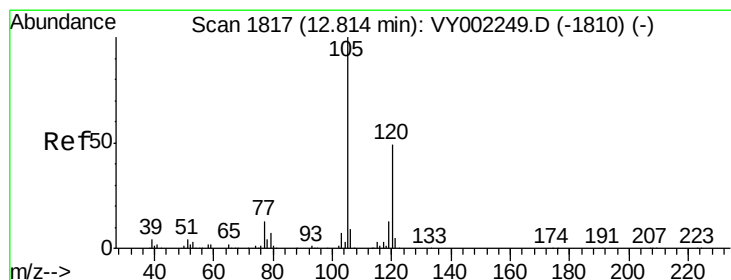
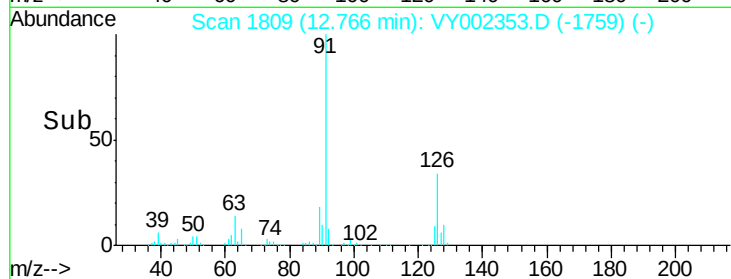
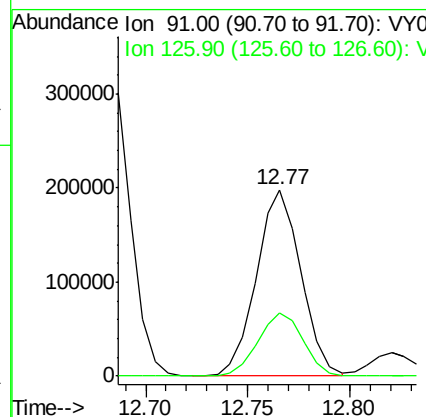
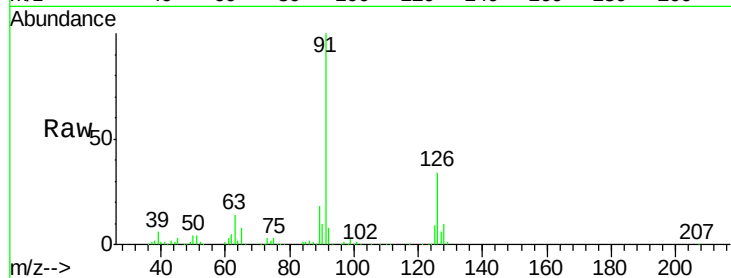
#79
2-Chlorotoluene
Concen: 48.617 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 301818
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7

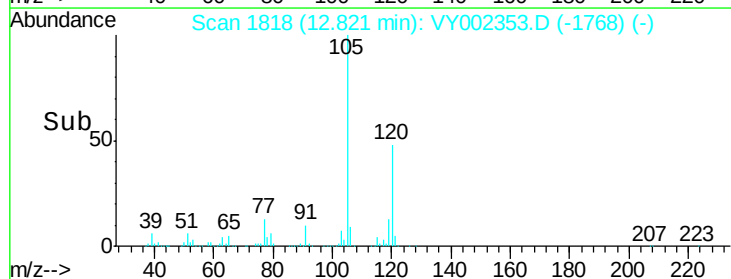
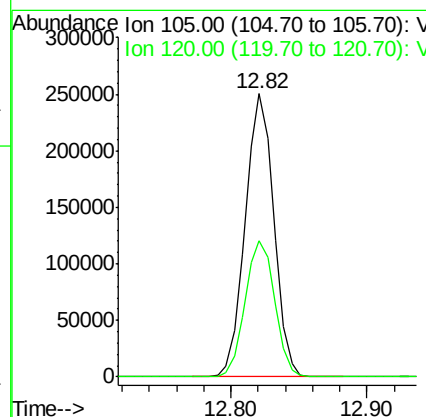
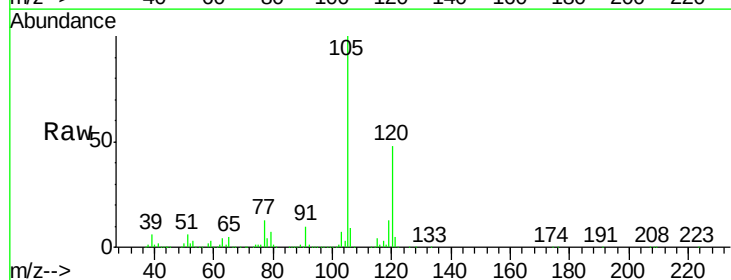
Manual Integrations
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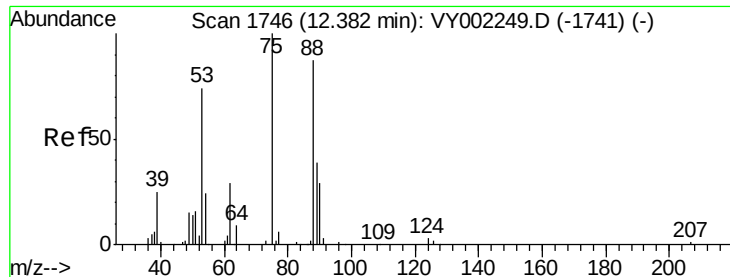
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#80
1,3,5-Trimethylbenzene
Concen: 48.363 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion: 105 Resp: 367380
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





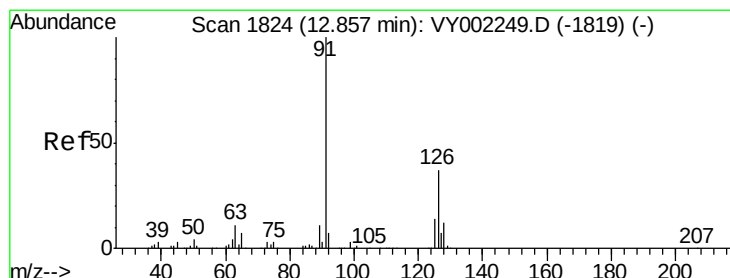
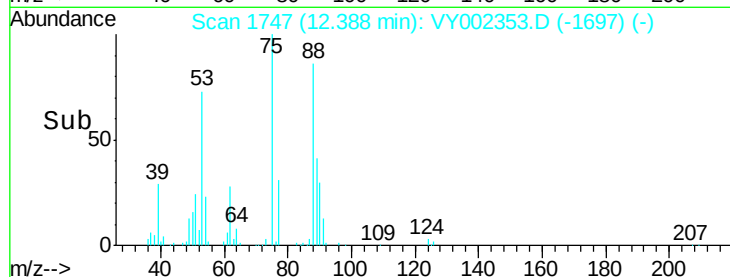
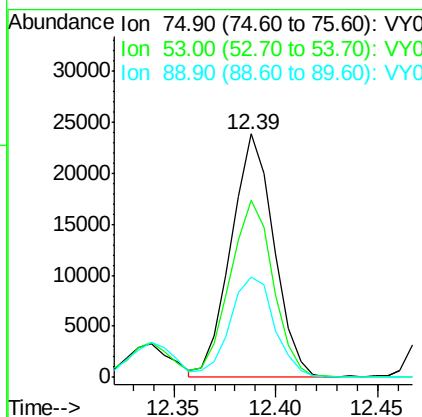
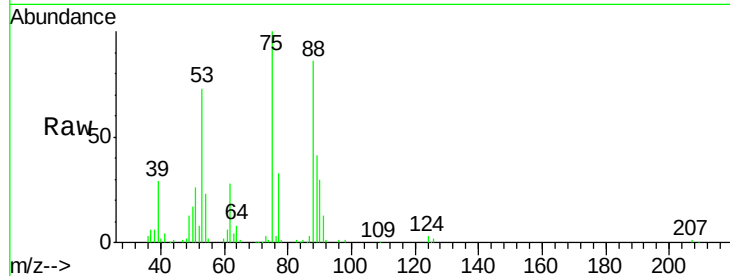
#81
trans-1,4-Dichloro-2-butene
Concen: 50.085 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	73.5	59.8	89.8
89	42.9	37.0	55.6

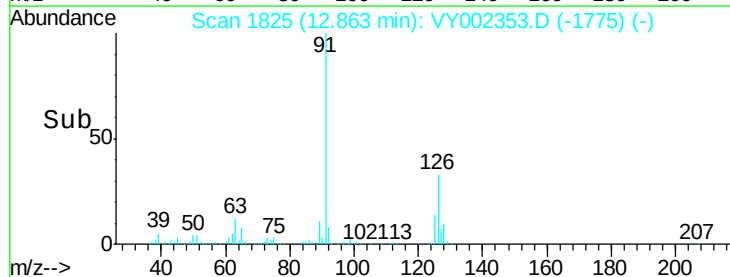
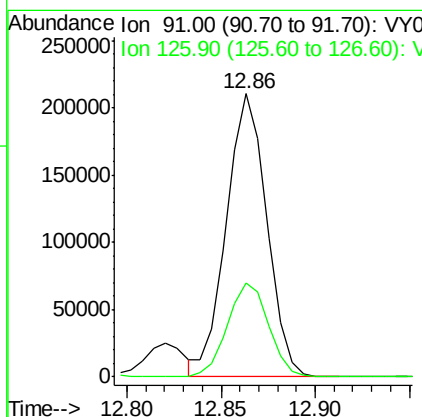
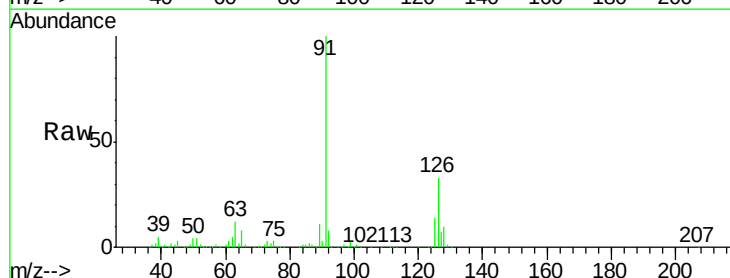
Manual Integrations
APPROVED

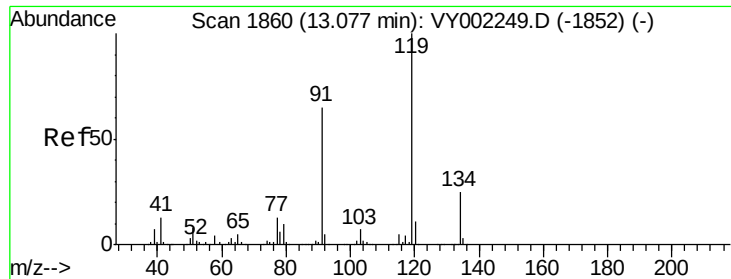
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#82
4-Chlorotoluene
Concen: 48.104 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY002353.D
Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.7





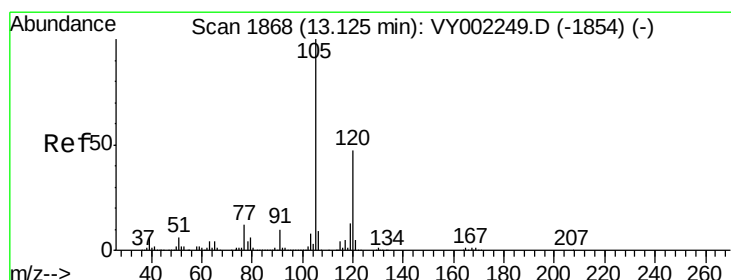
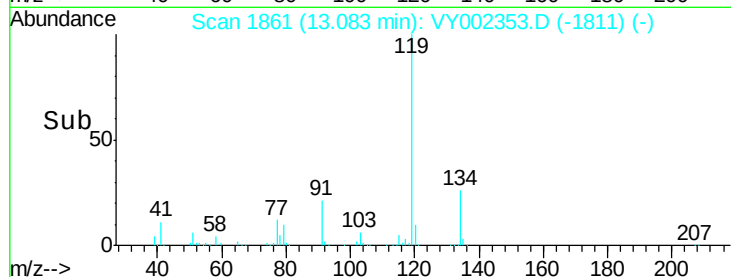
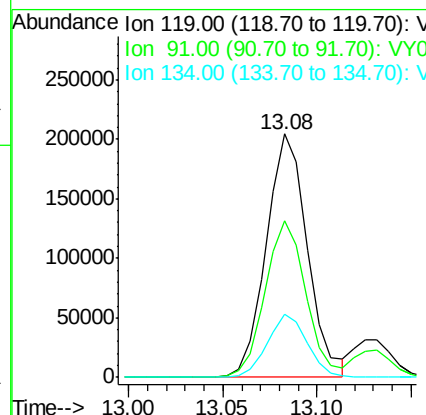
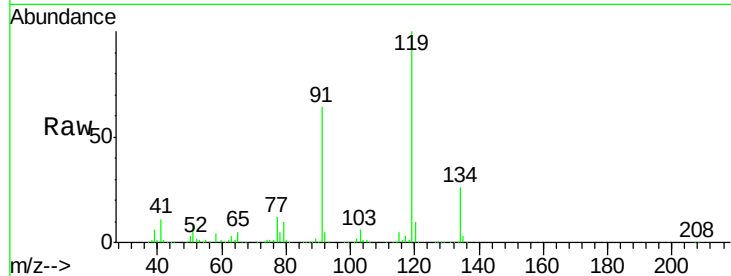
#83
 tert-Butylbenzene
 Concen: 48.658 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	309601		
91	64.0		32.4	97.0
134	25.4		12.6	37.6

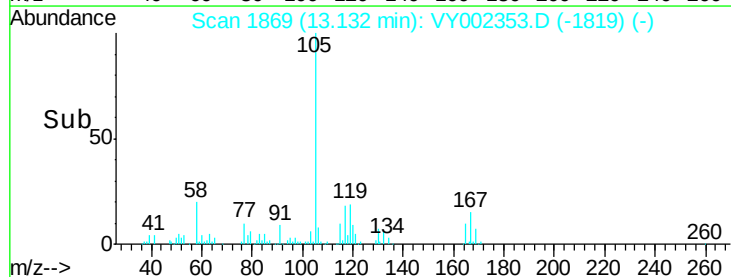
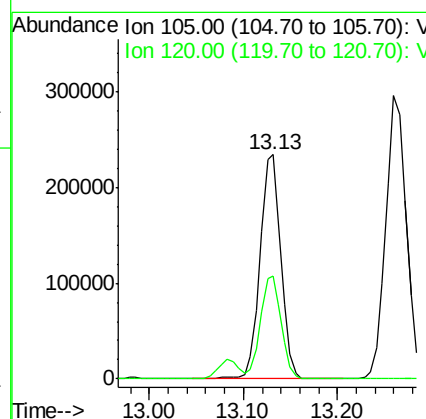
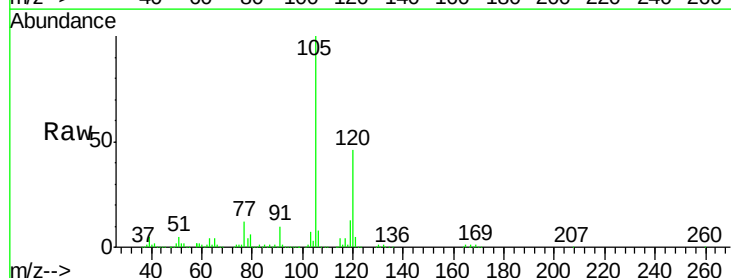
Manual Integrations
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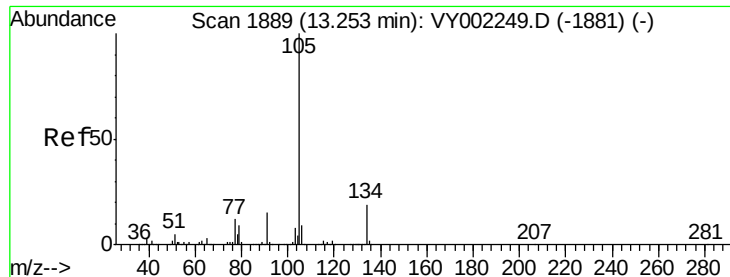
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.228 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365833		
120	45.7		23.1	69.2





#85

sec-Butylbenzene

Concen: 47.240 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 447768

Ion Ratio Lower Upper

105 100

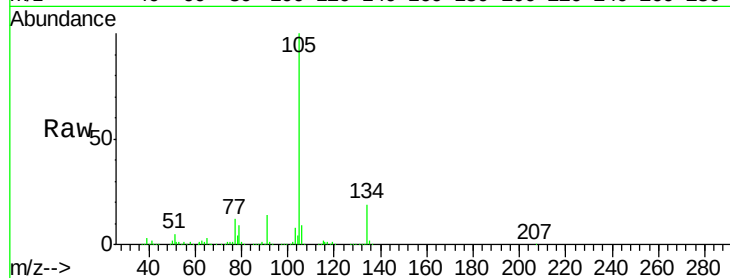
134 19.8 9.8 29.3

Manual Integrations

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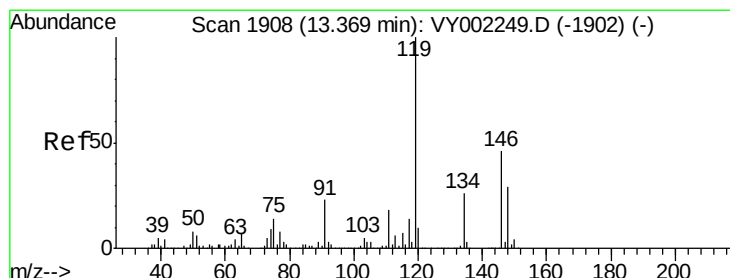
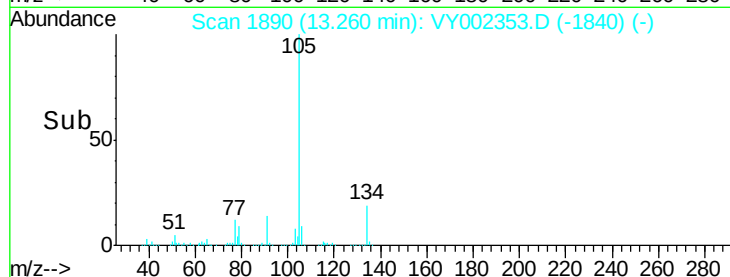
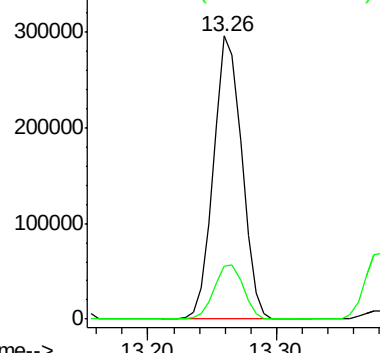
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.967 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

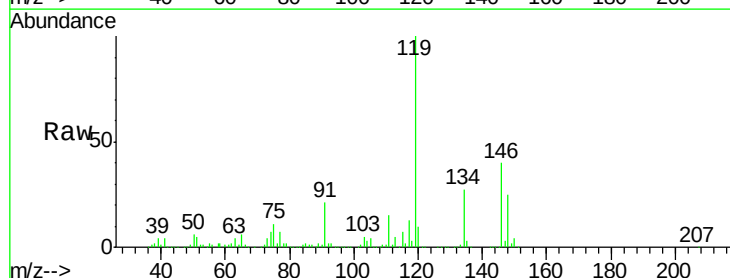
Tgt Ion:119 Resp: 383157

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

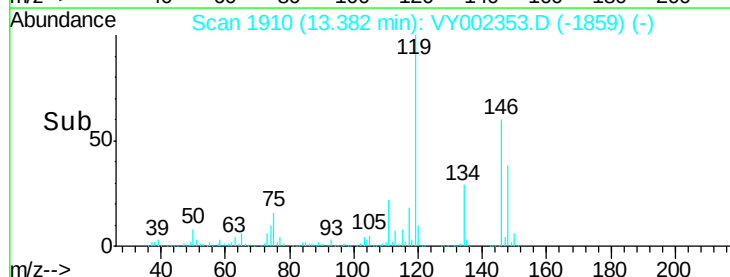
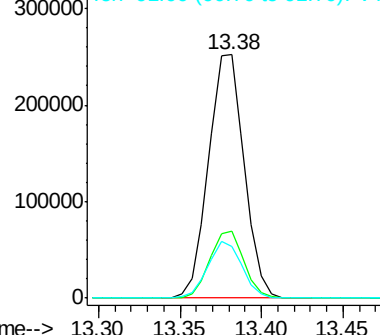
91 22.3 11.5 34.4

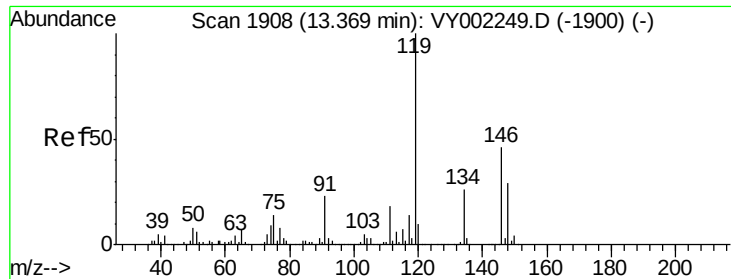


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





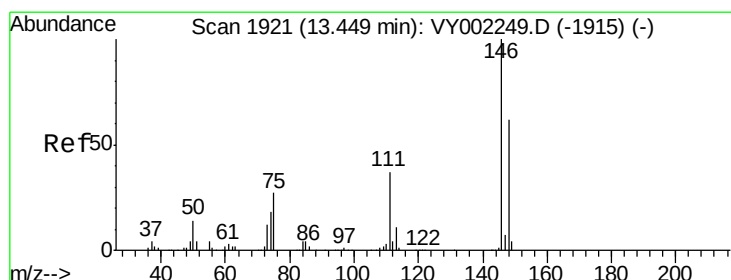
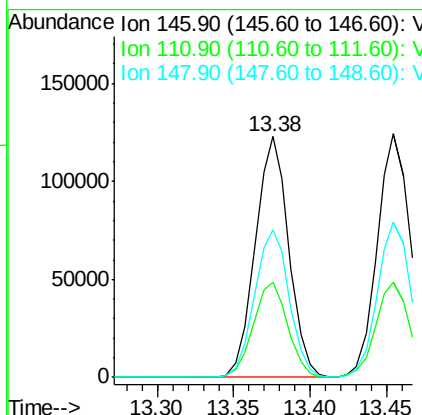
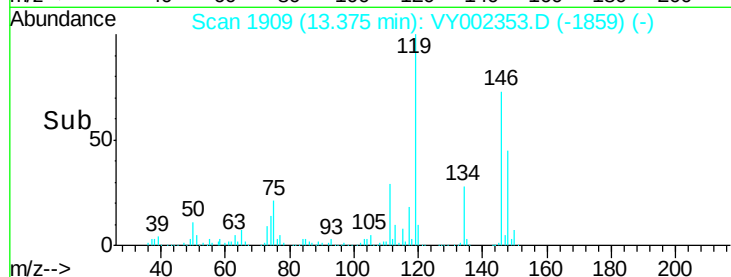
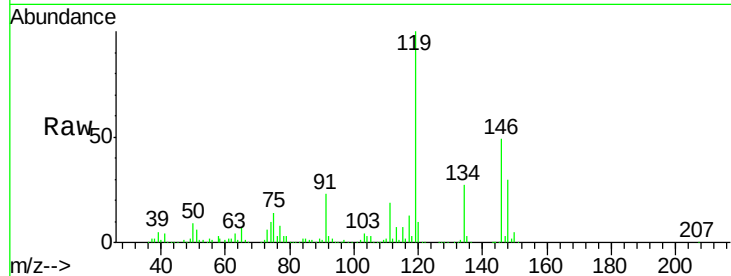
#87
 1,3-Dichlorobenzene
 Concen: 47.739 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	186964		
111	40.5	20.3	60.8	
148	63.2	32.1	96.3	

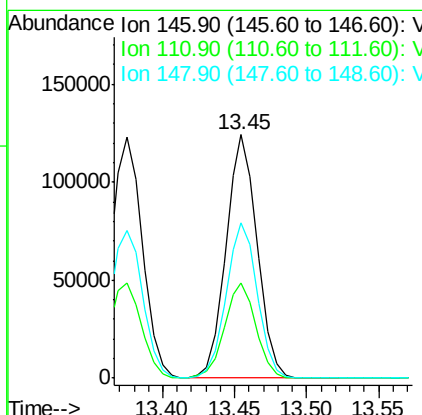
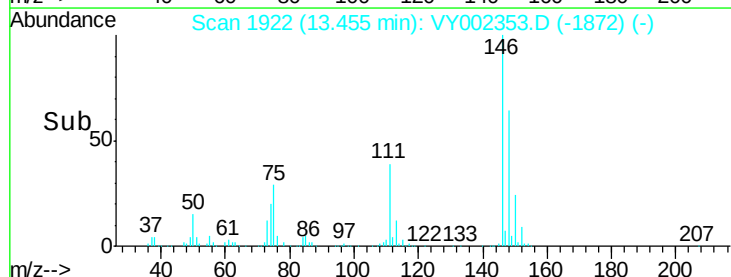
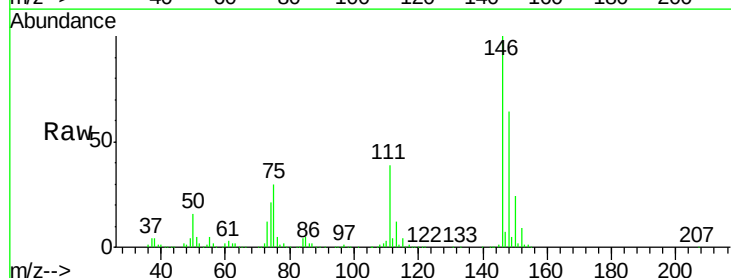
Manual Integrations
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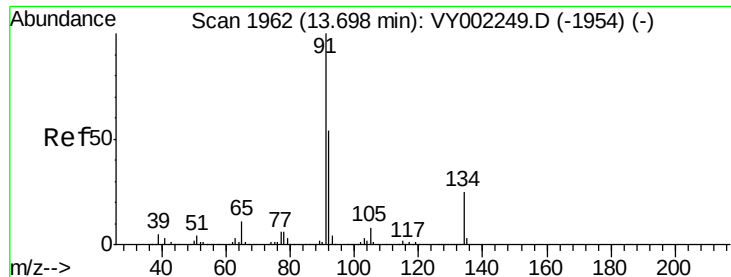
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#88
 1,4-Dichlorobenzene
 Concen: 47.136 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187386		
111	39.5	19.6	58.8	
148	63.8	32.0	96.0	





#89

n-Butylbenzene

Concen: 45.011 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

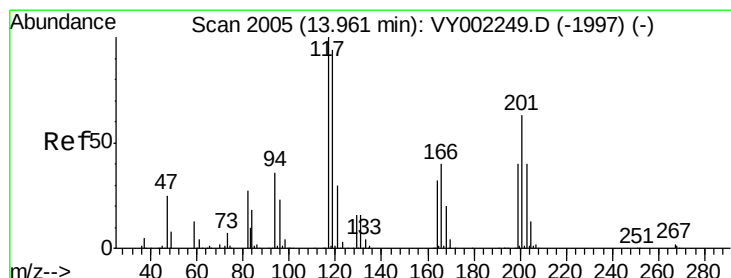
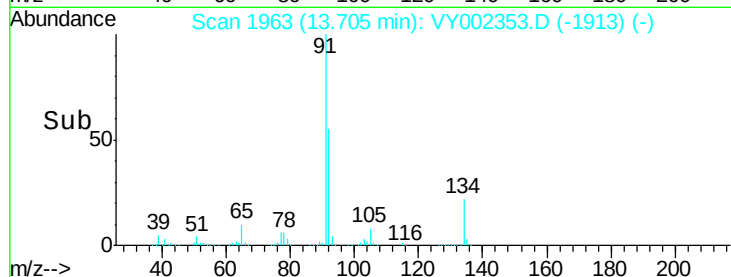
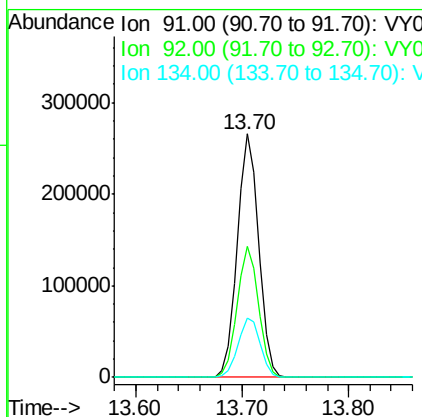
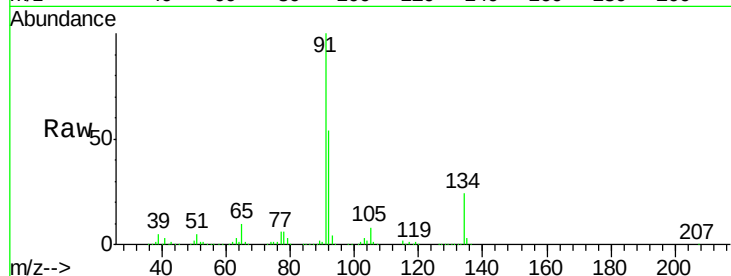
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	376387
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	25.1	12.7	38.0

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#90

Hexachloroethane

Concen: 47.931 ug/l

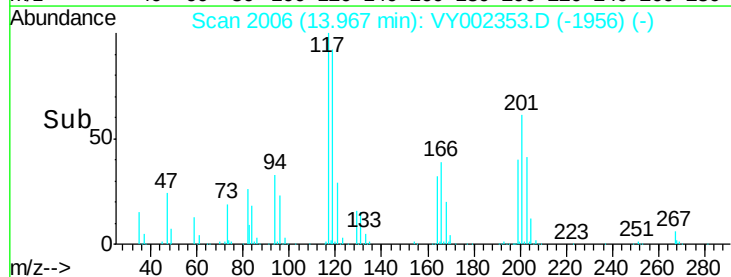
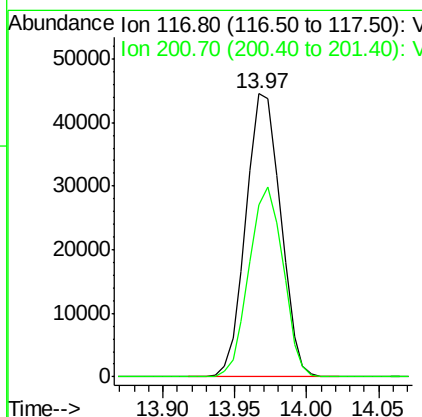
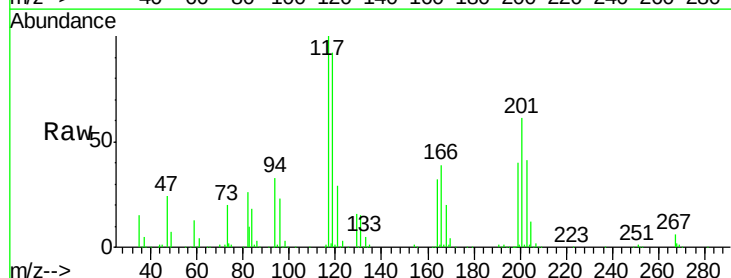
RT: 13.97 min Scan# 2006

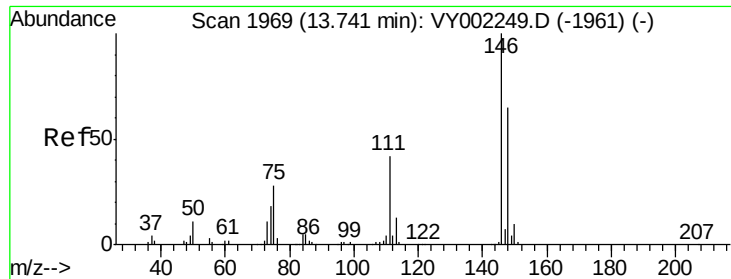
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	117	Resp:	74511
Ion	Ratio	Lower	Upper
117	100		
201	65.7	33.1	99.2





#91

1,2-Dichlorobenzene

Concen: 47.823 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

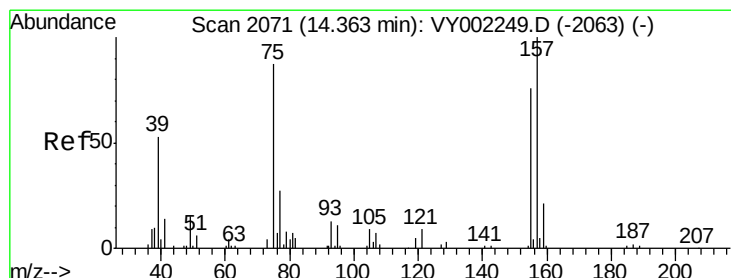
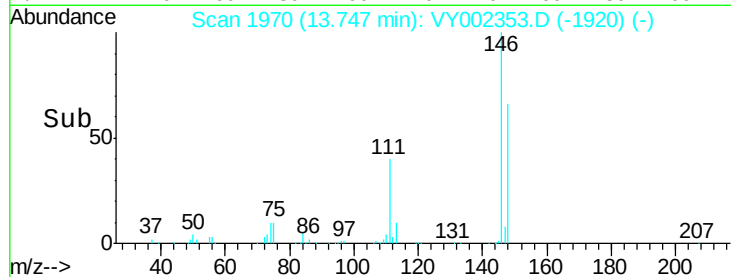
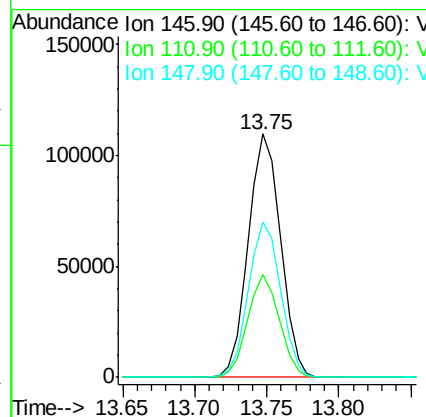
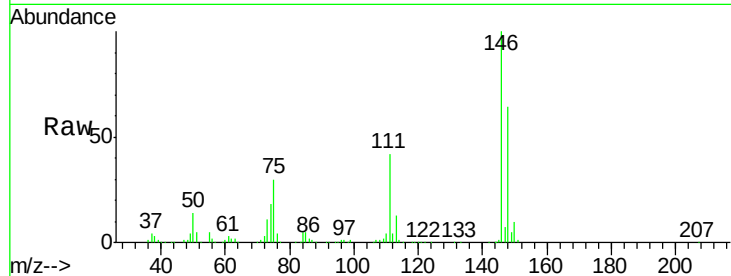
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	170185
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.1	63.1
148	63.7	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.538 ug/l

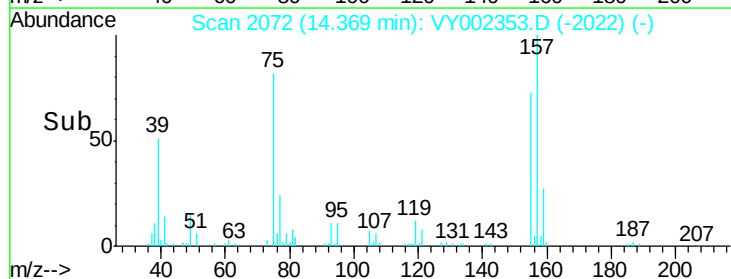
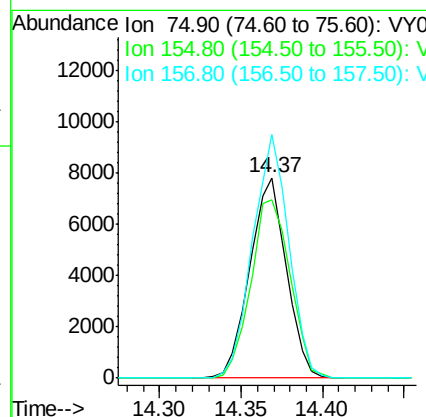
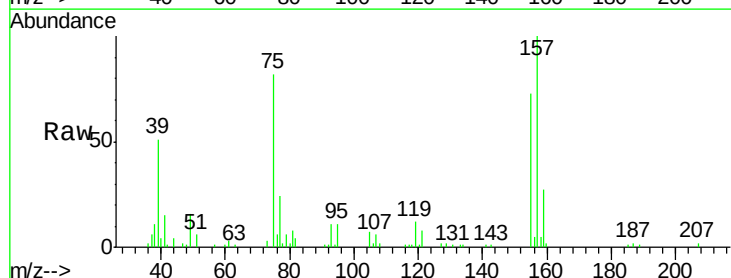
RT: 14.37 min Scan# 2072

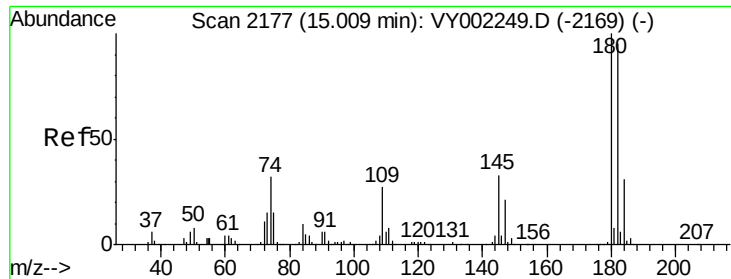
Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	75	Resp:	12239
Ion Ratio	Lower	Upper	
75	100		
155	95.7	43.6	130.8
157	119.6	56.0	168.2





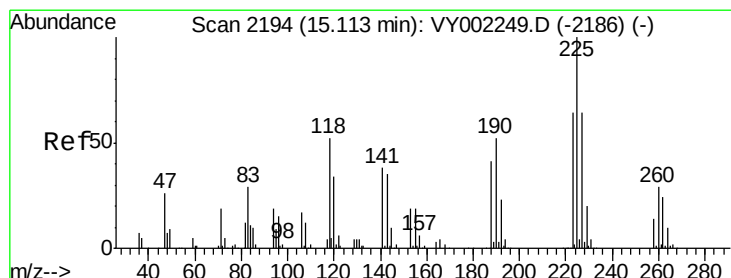
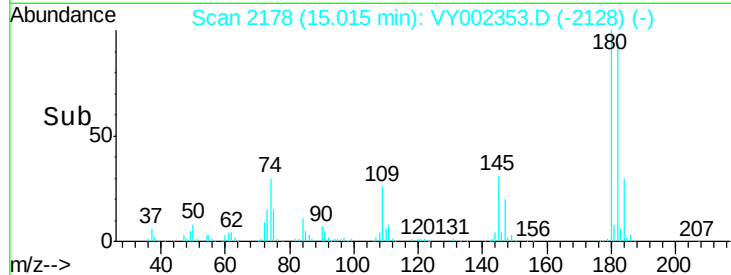
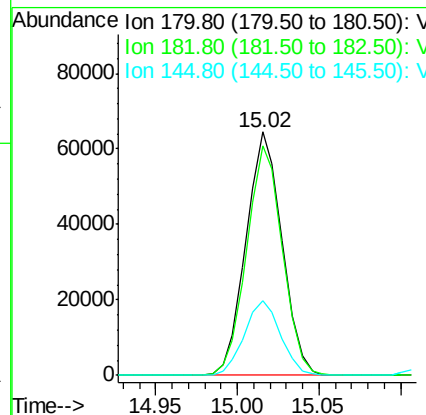
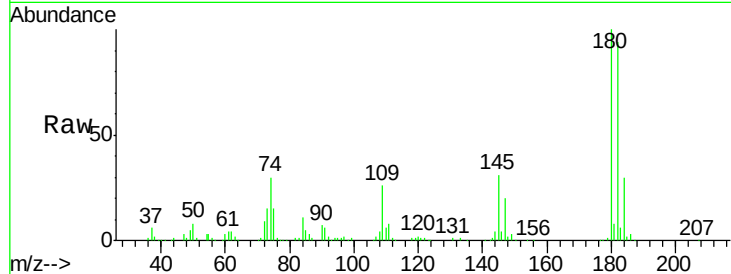
#93
 1,2,4-Trichlorobenzene
 Concen: 42.630 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.7
145	30.9	16.0	48.0

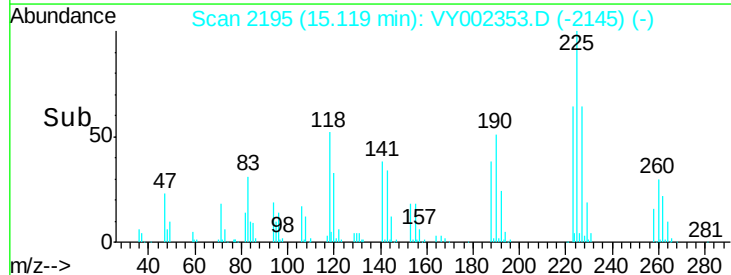
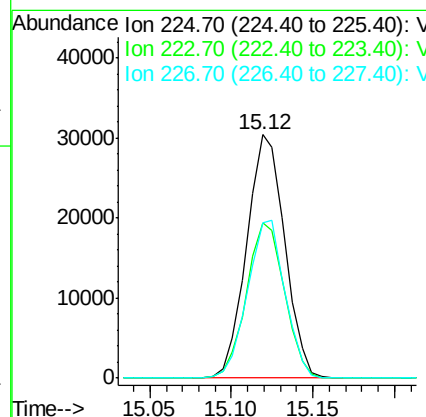
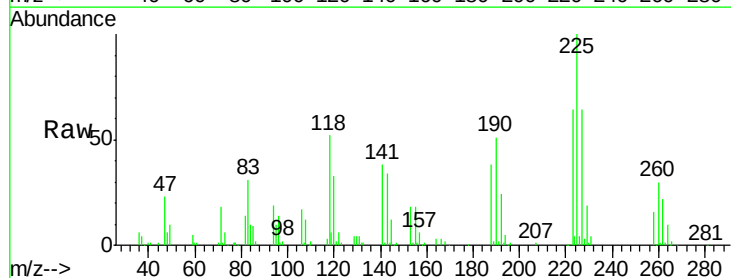
Manual Integrations
 APPROVED

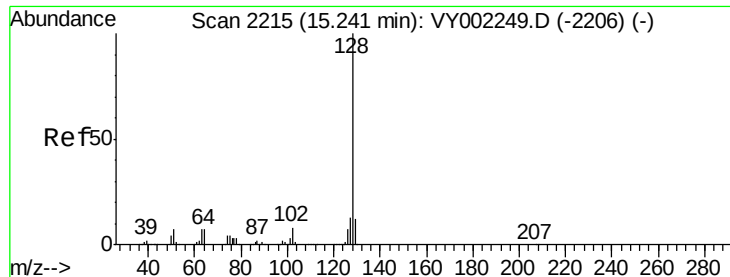
MMDadoda
 4/16/2020 10:31:38 AM



#94
 Hexachlorobutadiene
 Concen: 42.152 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002353.D
 Acq: 15 Apr 2020 21:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.0	93.0
227	64.1	31.3	93.9





#95

Naphthalene

Concen: 45.333 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Instrument :

MSVOA_Y

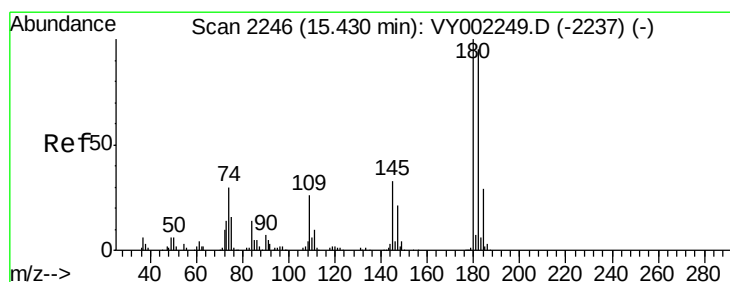
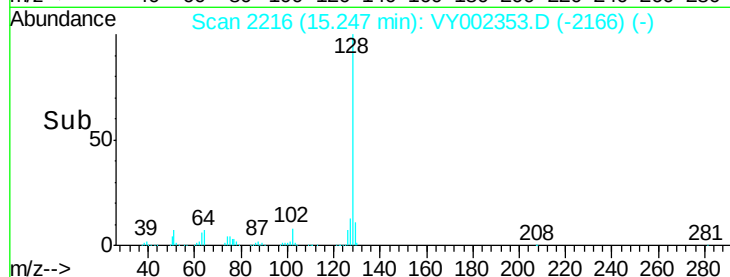
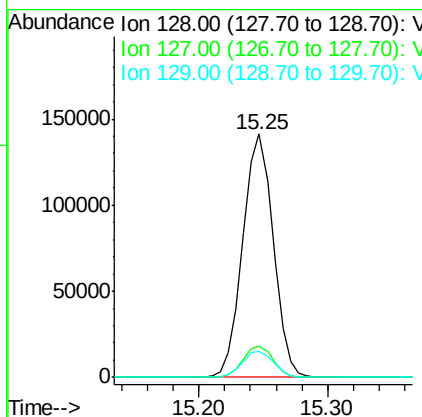
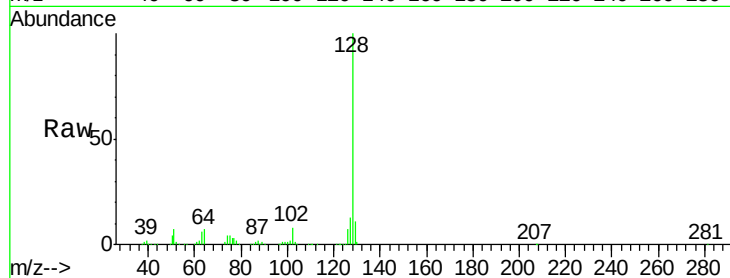
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	230878
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/16/2020 10:31:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 42.182 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002353.D

Acq: 15 Apr 2020 21:17

Tgt Ion:	180	Resp:	85196
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.1	141.3
145	33.5	16.7	50.1

