

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001369.D
 Acq On : 23 Jan 2020 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:43 PM

Quant Time: Jan 24 08:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	186888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	331594	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	298673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	99920	49.13	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.75	113	91316	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.20	98	369299	48.84	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.49	95	137849	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	71373	48.428	ug/l	97
3) Chloromethane	2.13	50	103633	46.524	ug/l	98
4) Vinyl Chloride	2.27	62	108551	46.737	ug/l	95
5) Bromomethane	2.67	94	74662	47.731	ug/l	98
6) Chloroethane	2.82	64	70638	47.596	ug/l	100
7) Trichlorofluoromethane	3.15	101	144433	48.603	ug/l	99
8) Diethyl Ether	3.56	74	60925	48.566	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	95522	50.474	ug/l	99
10) Methyl Iodide	4.13	142	120769	48.384	ug/l	100
11) Tert butyl alcohol	5.00	59	66091	259.225	ug/l	100
12) 1,1-Dichloroethene	3.91	96	96857	48.812	ug/l	99
13) Acrolein	3.77	56	39472	262.331	ug/l	98
14) Allyl chloride	4.52	41	169981	48.036	ug/l	99
15) Acrylonitrile	5.21	53	164044	255.466	ug/l	100
16) Acetone	3.99	43	149267	279.529	ug/l	100
17) Carbon Disulfide	4.23	76	292582	46.883	ug/l	100
18) Methyl Acetate	4.52	43	82042	47.840	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	288716	49.693	ug/l	99
20) Methylene Chloride	4.76	84	114493	45.184	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	110491	47.937	ug/l	96
22) Diisopropyl ether	6.17	45	371202	49.400	ug/l	95
23) Vinyl Acetate	6.11	43	1202090	246.419	ug/l	99
24) 1,1-Dichloroethane	6.07	63	195125	49.266	ug/l	97
25) 2-Butanone	7.04	43	228940	258.649	ug/l	97
26) 2,2-Dichloropropane	7.03	77	159219	45.130	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	127946	49.669	ug/l	100
28) Bromochloromethane	7.38	49	93327	57.138	ug/l	100
29) Tetrahydrofuran	7.39	42	145902	253.364	ug/l	99
30) Chloroform	7.55	83	191555	49.342	ug/l	100
31) Cyclohexane	7.82	56	180726	45.958	ug/l	100
32) 1,1,1-Trichloroethane	7.74	97	160951	49.102	ug/l	99
36) 1,1-Dichloropropene	7.96	75	149552	47.738	ug/l	100
37) Ethyl Acetate	7.12	43	95655	49.976	ug/l	99
38) Carbon Tetrachloride	7.94	117	136972	49.059	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	193136	48.125	ug/l	97
40) Benzene	8.20	78	461538	49.135	ug/l	99
41) Methacrylonitrile	7.36	41	43881m	44.427	ug/l	
42) 1,2-Dichloroethane	8.27	62	130930	49.885	ug/l	100
43) Isopropyl Acetate	8.30	43	190238	51.115	ug/l	99
44) Trichloroethene	8.97	130	116008	48.128	ug/l	96
45) 1,2-Dichloropropane	9.24	63	119007	50.117	ug/l	100
46) Dibromomethane	9.33	93	63533	49.838	ug/l	99
47) Bromodichloromethane	9.52	83	151544	49.729	ug/l	97
48) Methyl methacrylate	9.32	41	86235	50.968	ug/l	98
49) 1,4-Dioxane	9.32	88	18748	1042.884	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	492972	257.204	ug/l	99
52) Toluene	10.27	92	291020	48.875	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	167113	49.474	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	190917	49.244	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	93751	49.826	ug/l	98
56) Ethyl methacrylate	10.53	69	143485	50.454	ug/l	99
57) 1,3-Dichloropropane	10.81	76	165402	50.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	245212	249.181	ug/l	100
59) 2-Hexanone	10.85	43	353006	264.559	ug/l	100
60) Dibromochloromethane	11.00	129	106206	50.468	ug/l	98
61) 1,2-Dibromoethane	11.11	107	88863	49.958	ug/l	98
64) Tetrachloroethene	10.74	164	98357	51.555	ug/l	99
65) Chlorobenzene	11.53	112	303340	48.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	106172	49.417	ug/l	99
67) Ethyl Benzene	11.61	91	554951	47.832	ug/l	99
68) m/p-Xylenes	11.72	106	419205	96.742	ug/l	99
69) o-Xylene	12.04	106	200658	48.136	ug/l	98
70) Styrene	12.05	104	357708	48.908	ug/l	99
71) Bromoform	12.22	173	63810	49.754	ug/l #	99
73) Isopropylbenzene	12.34	105	536826	48.400	ug/l	100
74) N-amyl acetate	12.16	43	186152	51.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	119892	50.473	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	79091m	46.696	ug/l	
77) Bromobenzene	12.62	156	120927	49.225	ug/l	100
78) n-propylbenzene	12.68	91	652325	48.863	ug/l	100
79) 2-Chlorotoluene	12.77	91	370458	48.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	449530	48.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	43597	48.710	ug/l	99
82) 4-Chlorotoluene	12.86	91	393442	48.296	ug/l	99
83) tert-Butylbenzene	13.08	119	376521	48.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	449226	48.330	ug/l	100
85) sec-Butylbenzene	13.26	105	546134	49.255	ug/l	100
86) p-Isopropyltoluene	13.38	119	474501	48.562	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	229974	48.608	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	232713	48.443	ug/l	99
89) n-Butylbenzene	13.70	91	477069	48.514	ug/l	98
90) Hexachloroethane	13.97	117	90891	49.074	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	211537	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19612	47.847	ug/l	100

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QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	134258	45.845	ug/l	99
94) Hexachlorobutadiene	15.12	225	65051	45.620	ug/l	97
95) Naphthalene	15.24	128	320421	47.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	120236	46.804	ug/l	100

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

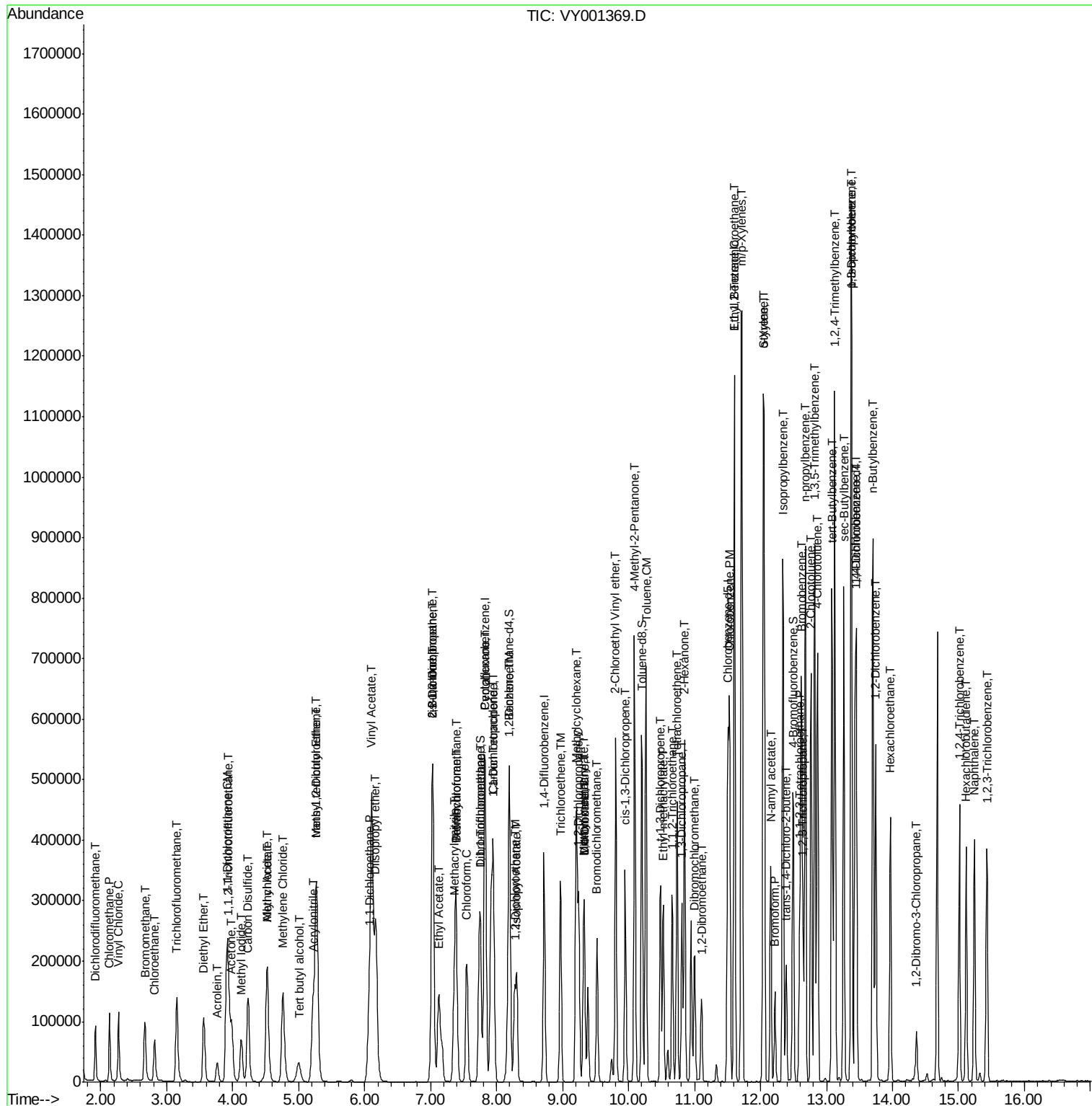
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
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Operator : SY/MD
Sample : VSTDCCC050
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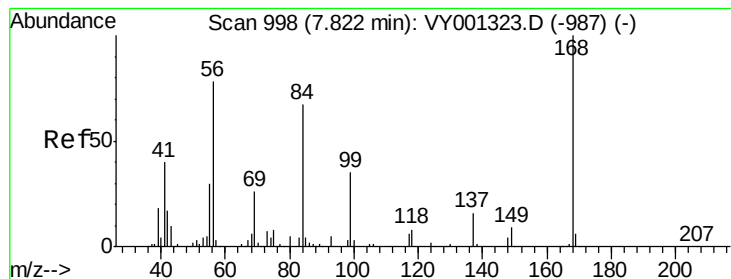
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 186888

Ion Ratio Lower Upper

168 100

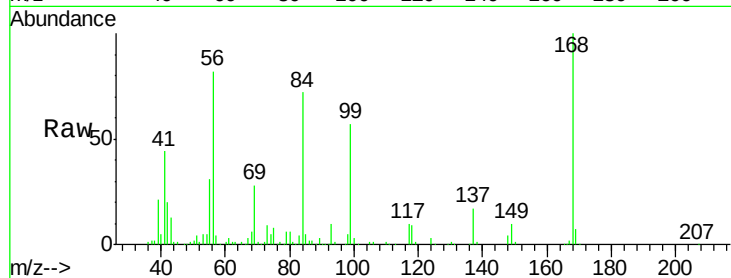
99 56.9 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.83

80000

60000

40000

20000

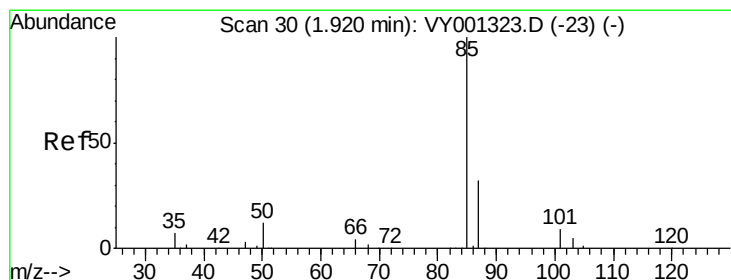
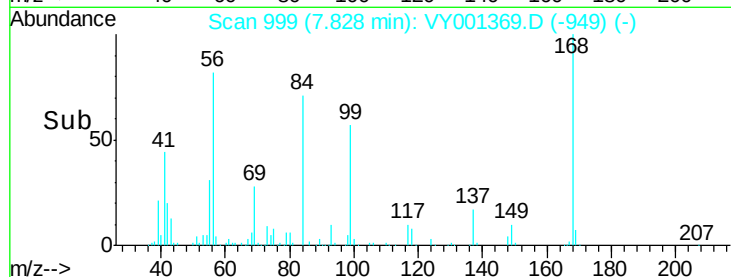
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Time-->

7.70

7.80

7.90



#2

Dichlorodifluoromethane

Concen: 48.428 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001369.D

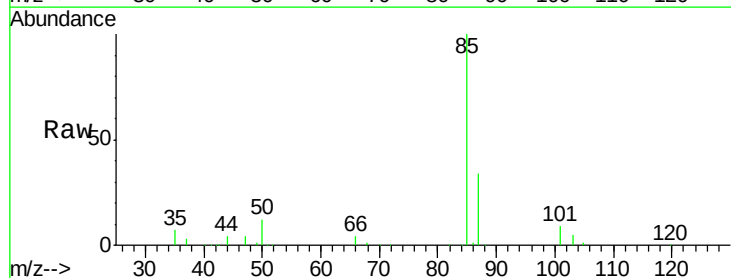
Acq: 23 Jan 2020 20:51

Tgt Ion: 85 Resp: 71373

Ion Ratio Lower Upper

85 100

87 33.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.92

50000

40000

30000

20000

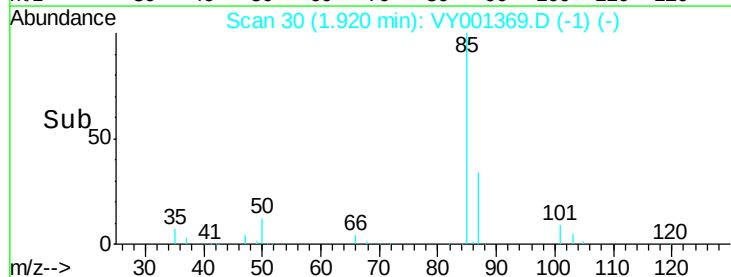
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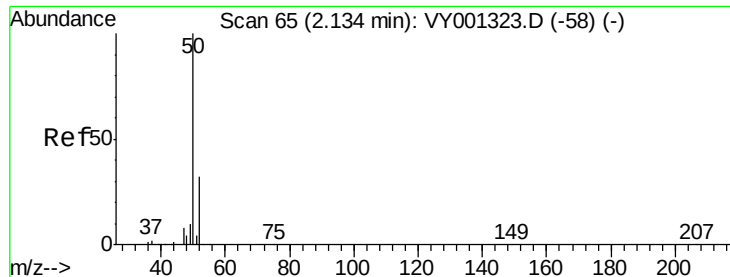
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Time-->

1.90

2.00





#3

Chloromethane

Concen: 46.524 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103633

Ion Ratio Lower Upper

50 100

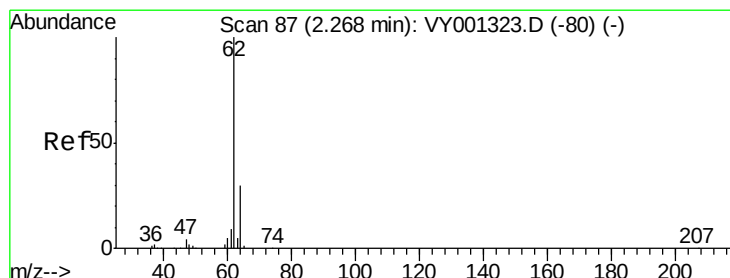
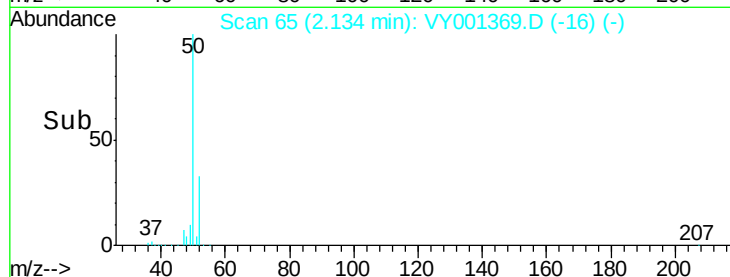
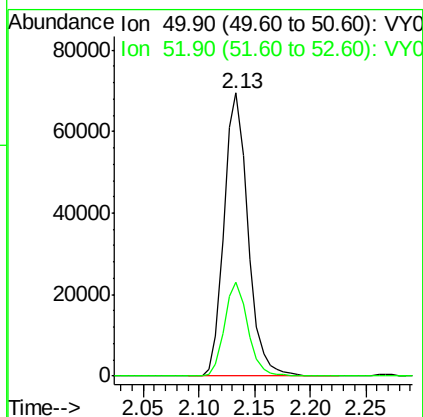
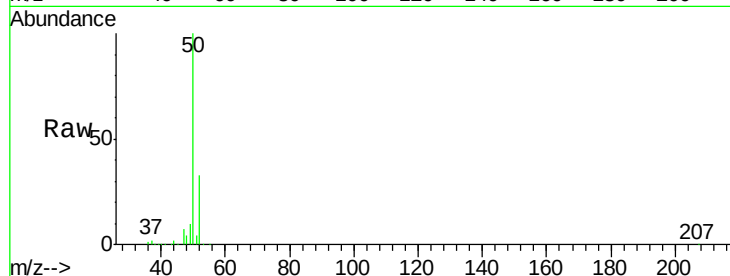
52 33.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.737 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001369.D

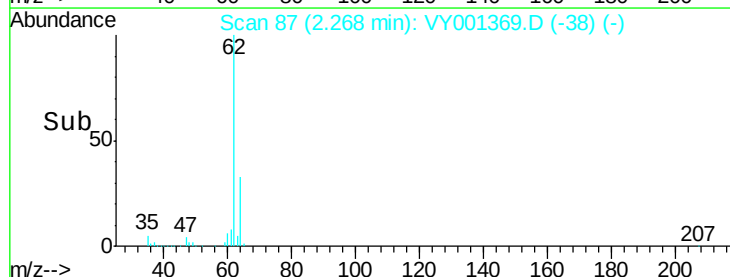
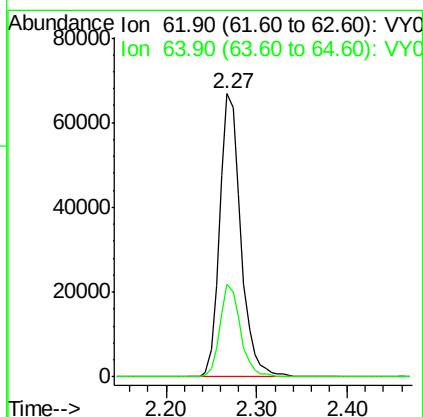
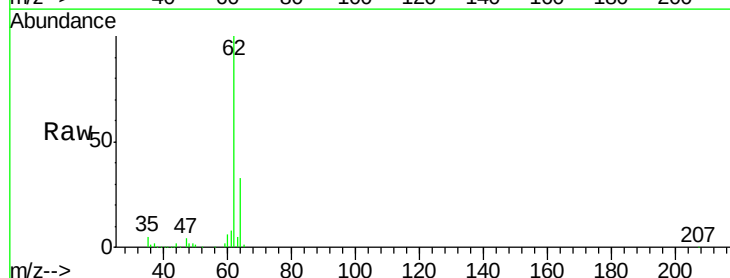
Acq: 23 Jan 2020 20:51

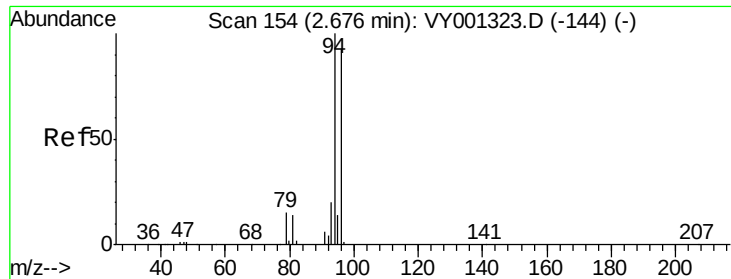
Tgt Ion: 62 Resp: 108551

Ion Ratio Lower Upper

62 100

64 32.7 23.9 35.9





#5

Bromomethane

Concen: 47.731 ug/l

RT: 2.67 min Scan# 153

Delta R.T. -0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 74662

Ion Ratio Lower Upper

94 100

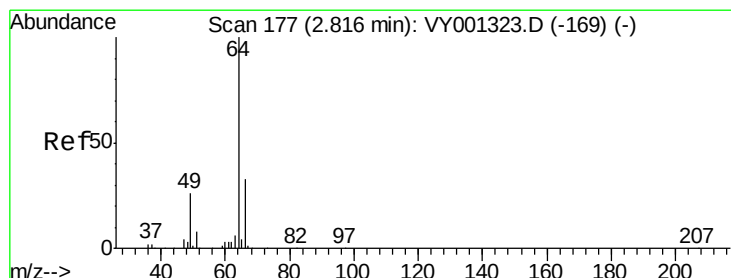
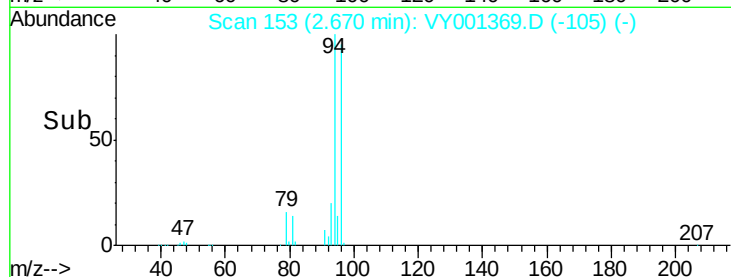
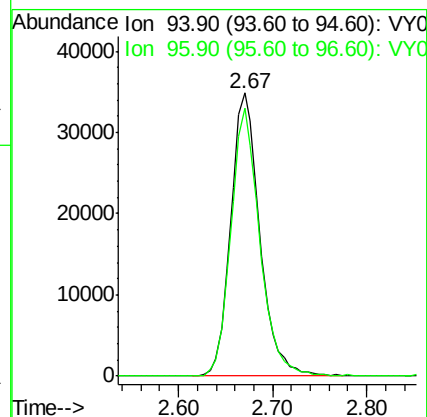
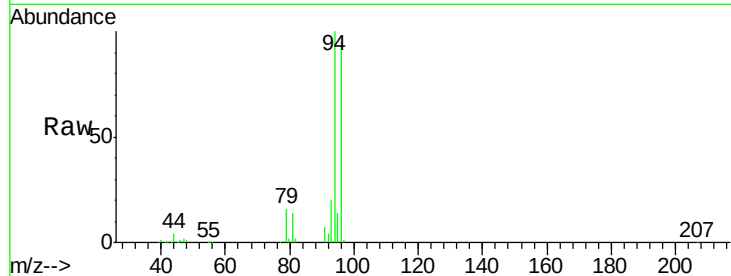
96 94.9 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 47.596 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001369.D

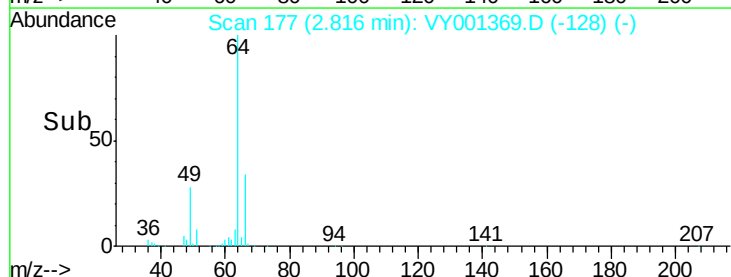
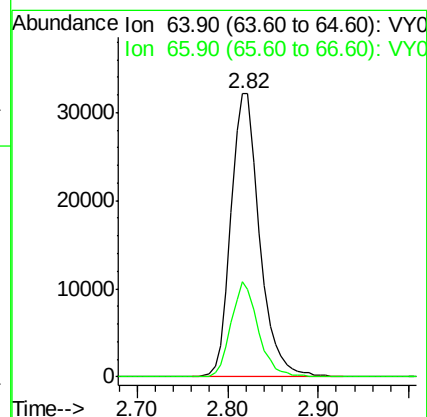
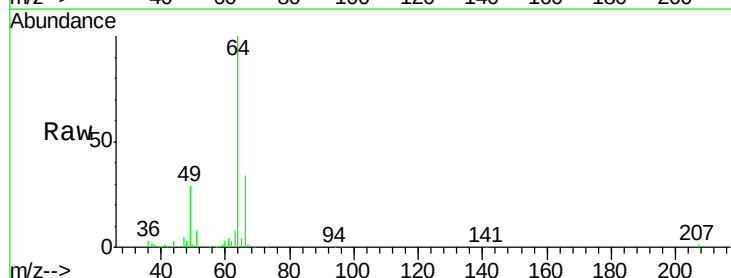
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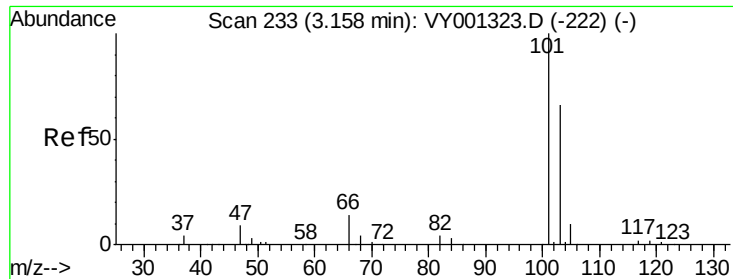
Tgt Ion: 64 Resp: 70638

Ion Ratio Lower Upper

64 100

66 33.5 26.8 40.2





#7

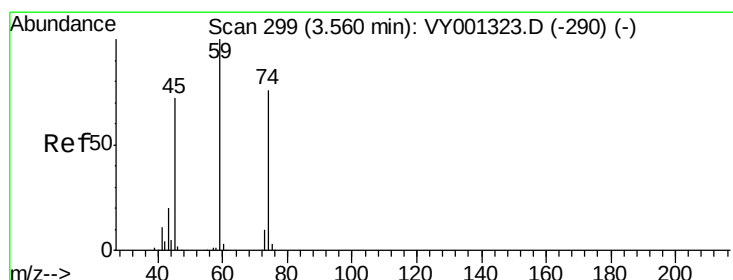
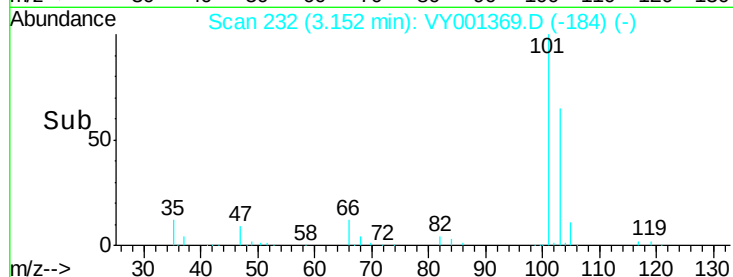
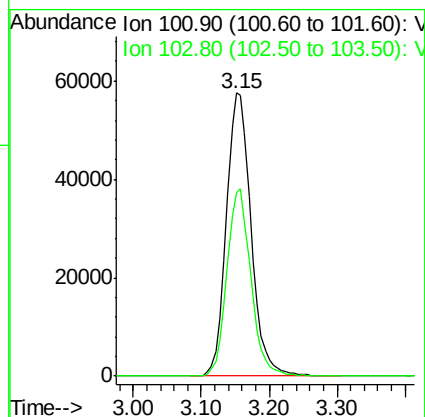
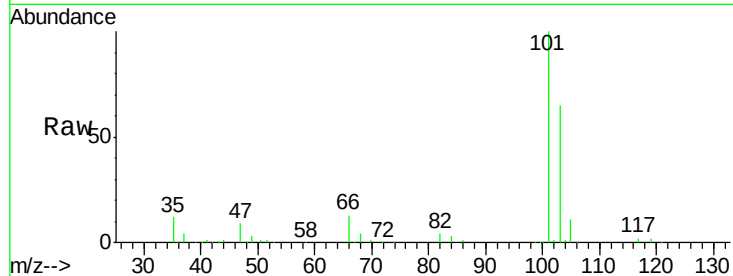
Trichlorofluoromethane
Concen: 48.603 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

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Tot Ion:101 Resp: 144433
Ion Ratio Lower Upper
101 100
103 65.1 52.5 78.7

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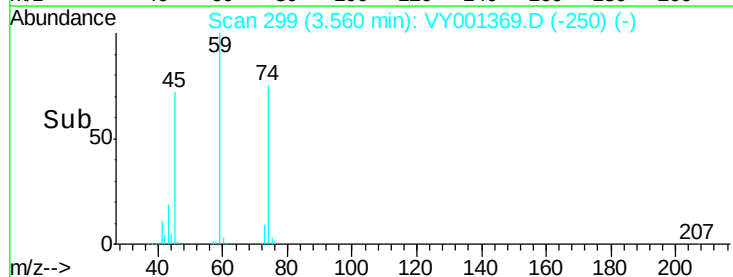
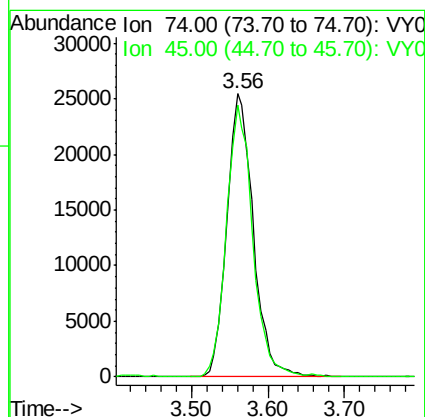
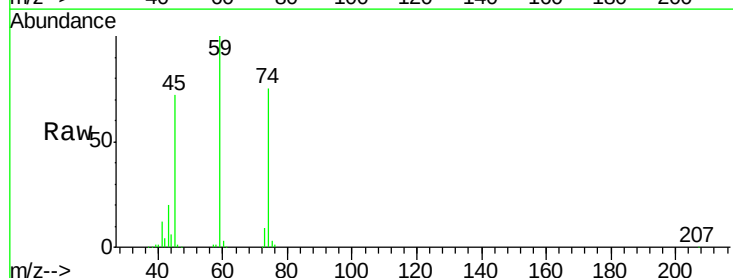
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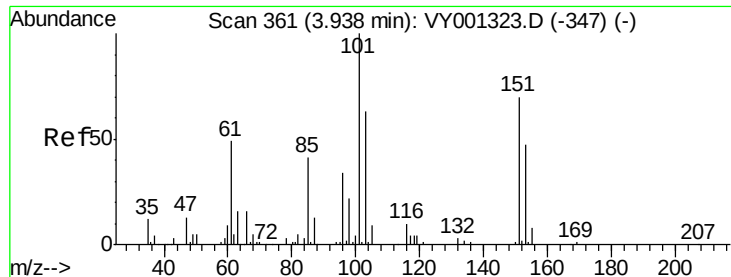


#8

Diethyl Ether
Concen: 48.566 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion: 74 Resp: 60925
Ion Ratio Lower Upper
74 100
45 95.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.474 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY001369.D

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MSVOA_Y

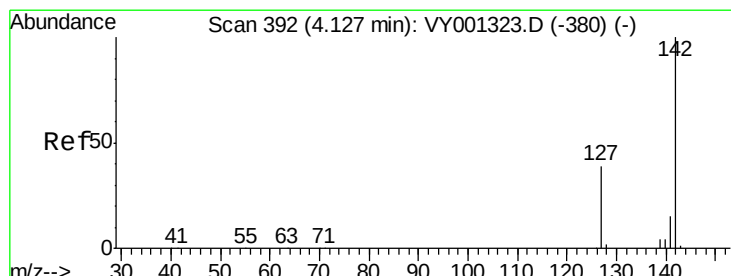
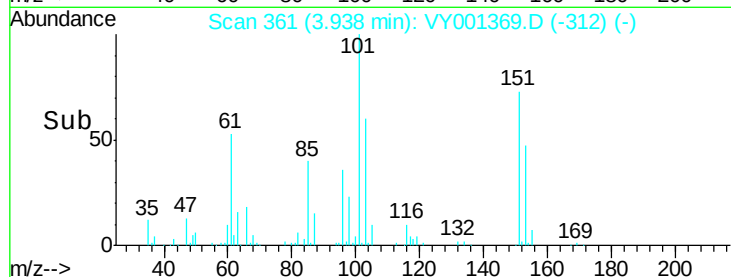
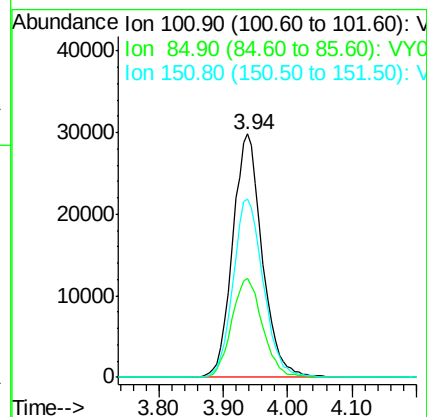
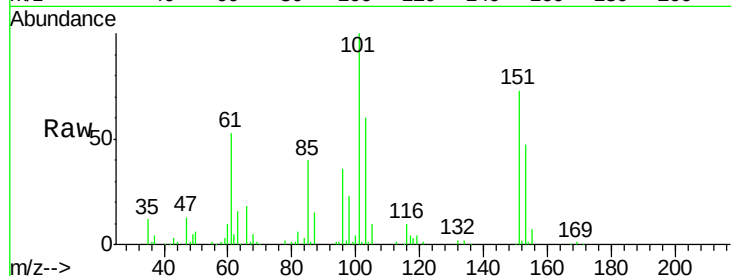
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	95522
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.9	52.3
151	74.8	59.9	89.9

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#10

Methyl Iodide

Concen: 48.384 ug/l

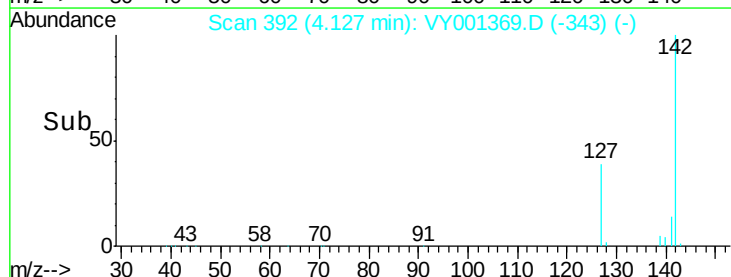
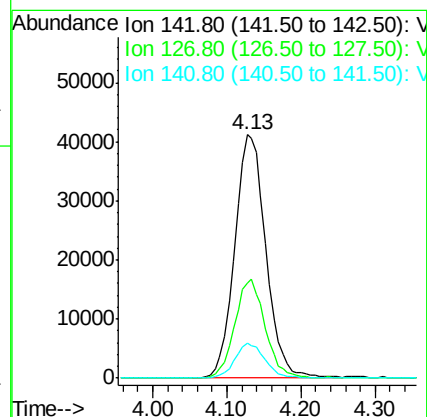
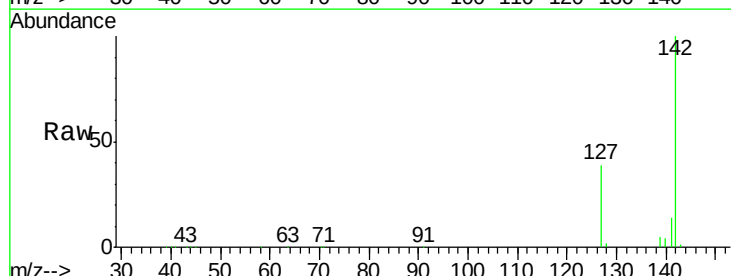
RT: 4.13 min Scan# 392

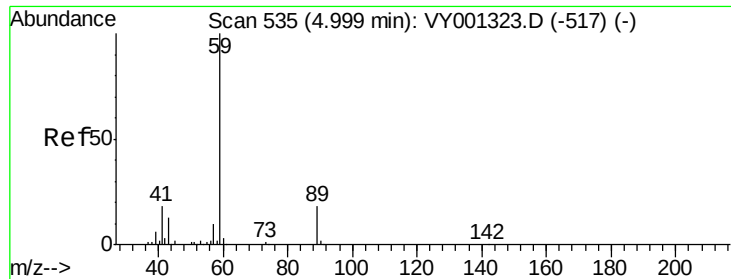
Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	142	Resp:	120769
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.6	47.4
141	14.0	11.2	16.8





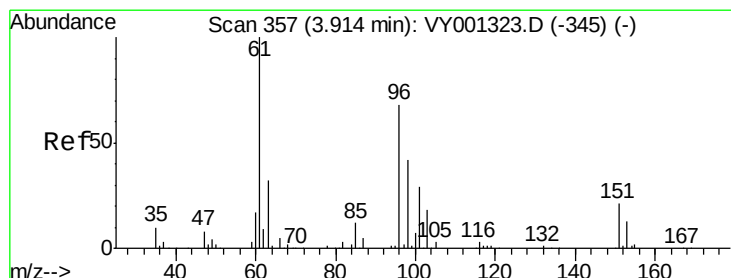
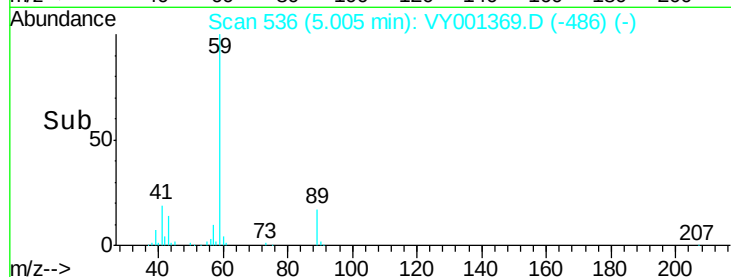
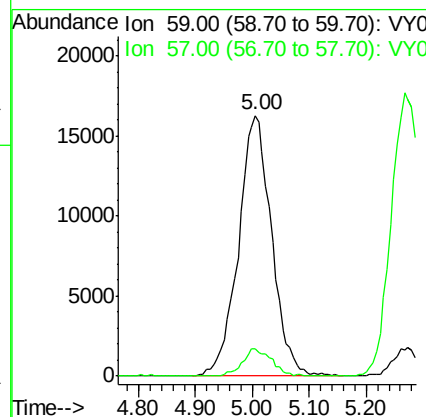
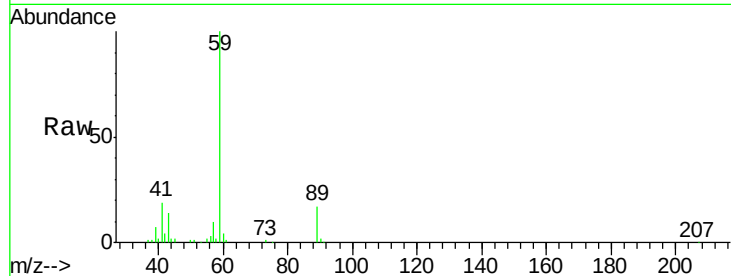
#11
Tert butyl alcohol
Concen: 259.225 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 66091
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2

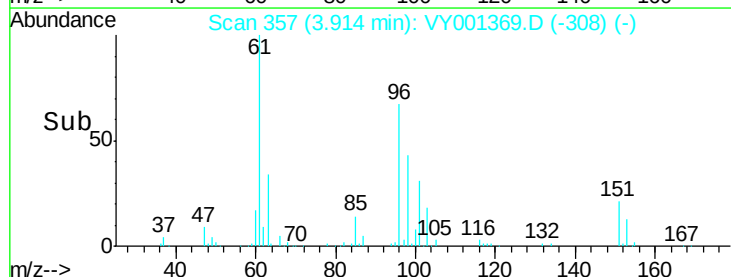
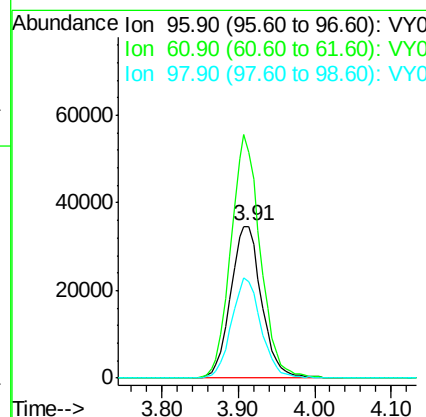
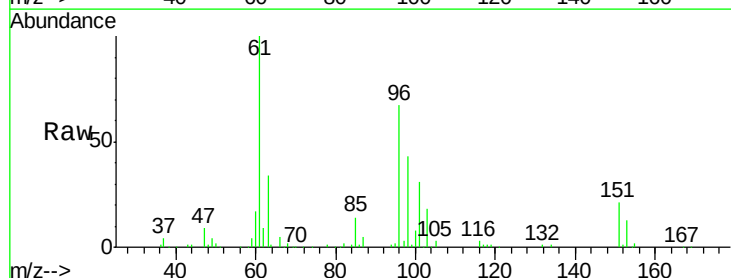
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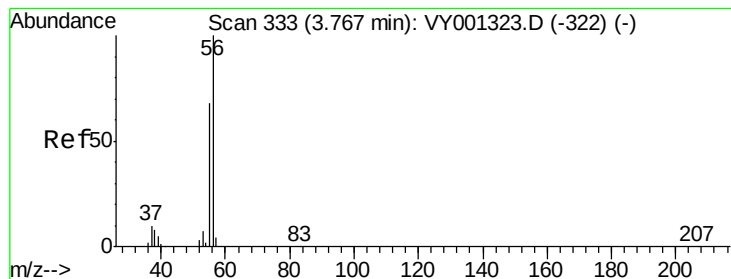
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.812 ug/l
RT: 3.91 min Scan# 357
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion: 96 Resp: 96857
Ion Ratio Lower Upper
96 100
61 148.3 118.0 177.0
98 63.8 49.4 74.2





#13

Acrolein

Concen: 262.331 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 39472

Ion Ratio Lower Upper

56 100

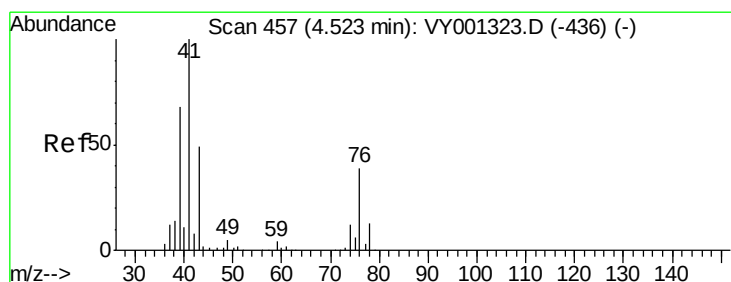
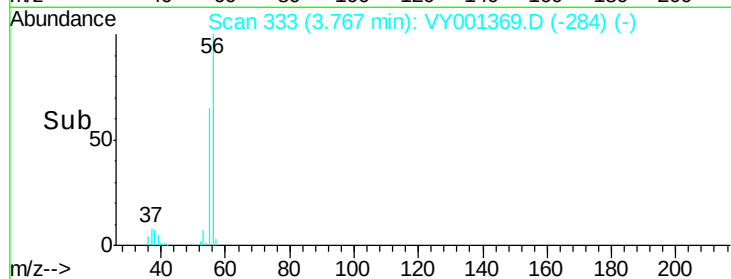
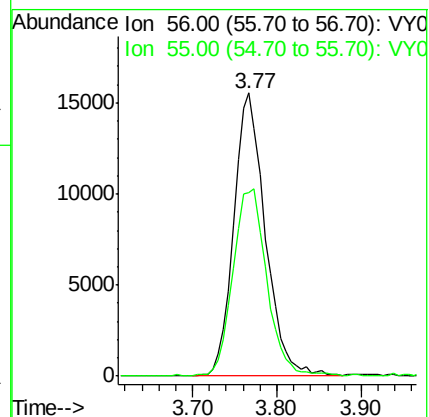
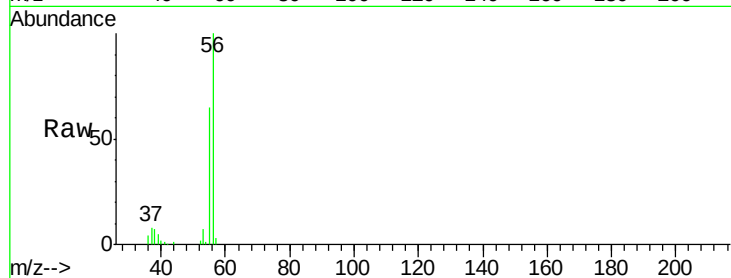
55 71.1 55.9 83.9

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#14

Allyl chloride

Concen: 48.036 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

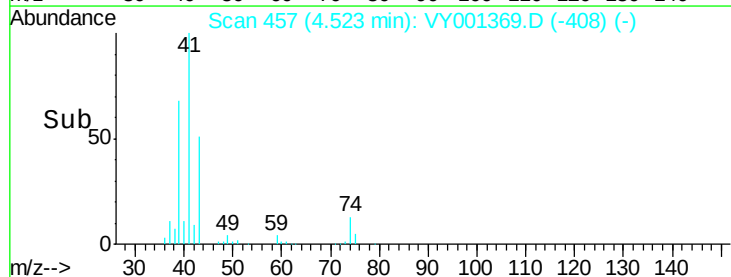
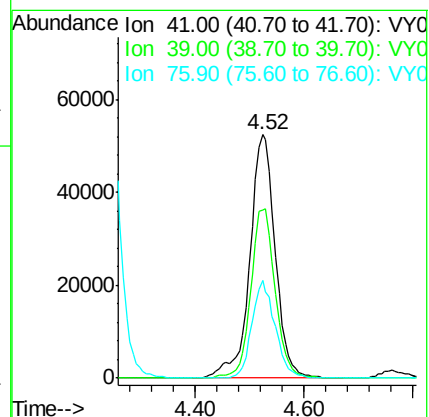
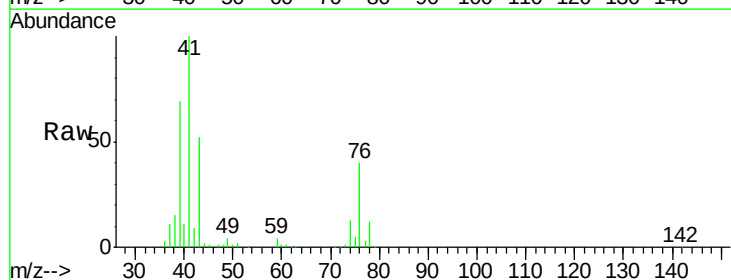
Tgt Ion: 41 Resp: 169981

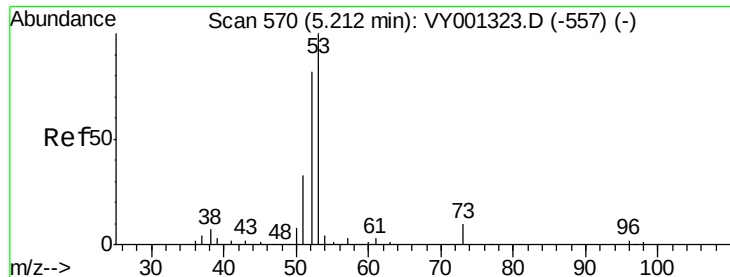
Ion Ratio Lower Upper

41 100

39 66.7 52.2 78.4

76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 255.466 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

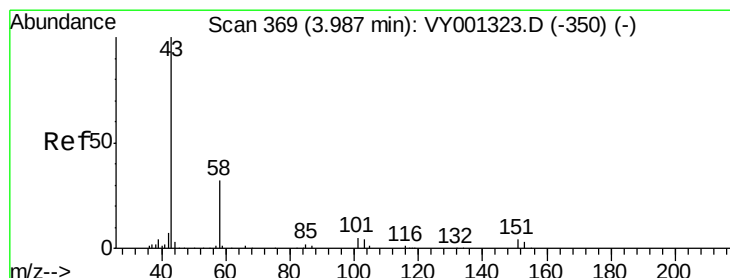
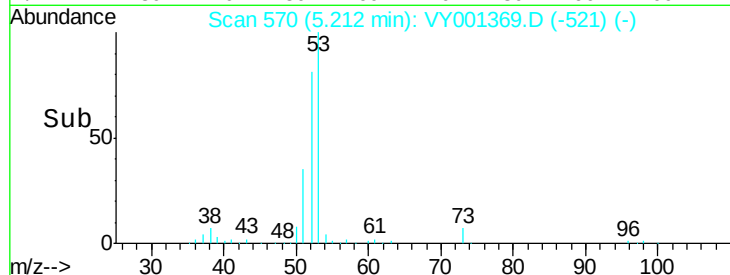
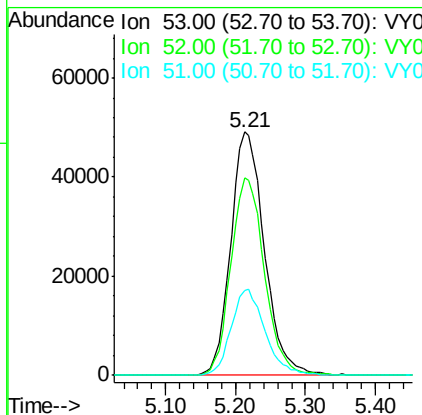
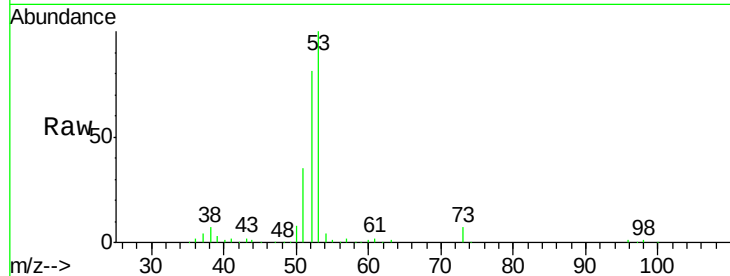
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	164044
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.3	97.9
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 279.529 ug/l

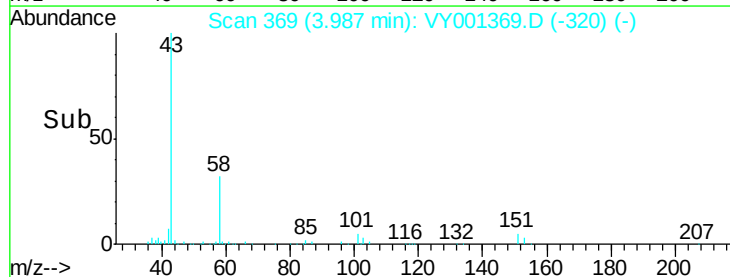
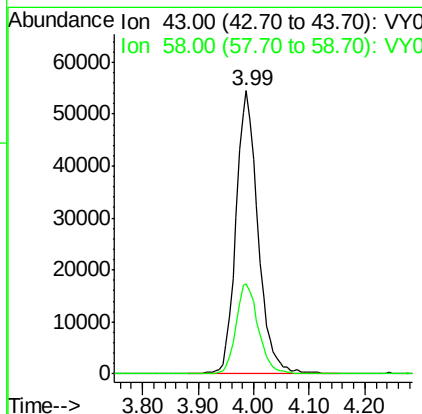
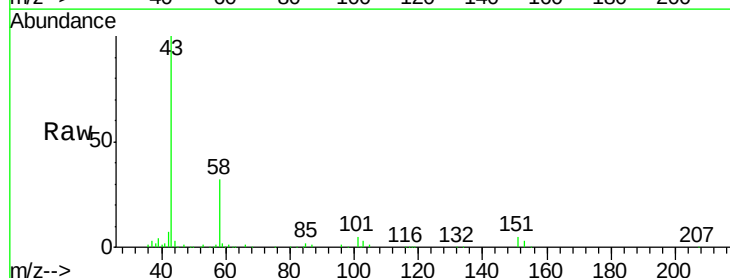
RT: 3.99 min Scan# 369

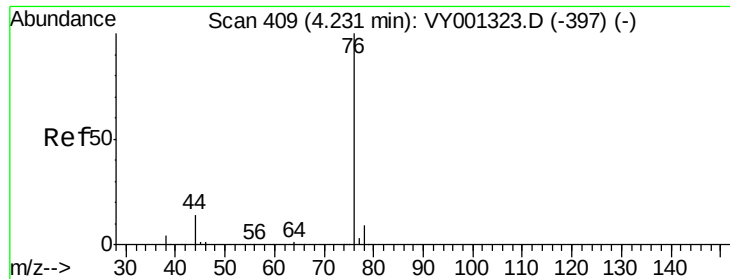
Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	43	Resp:	149267
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.4	38.0





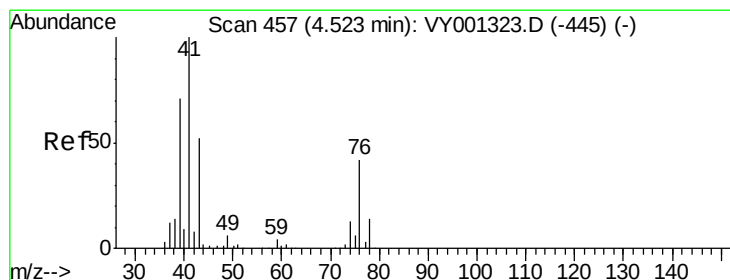
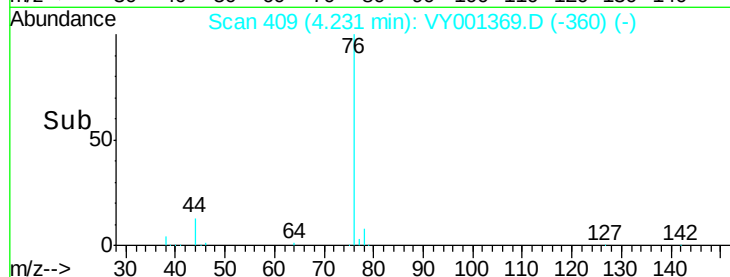
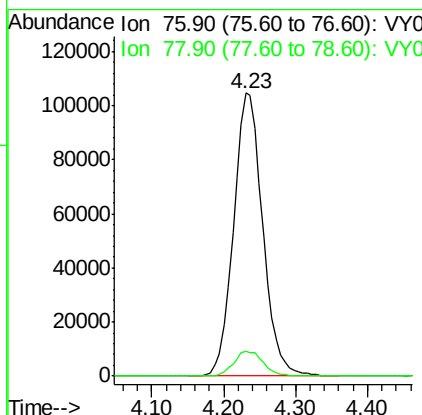
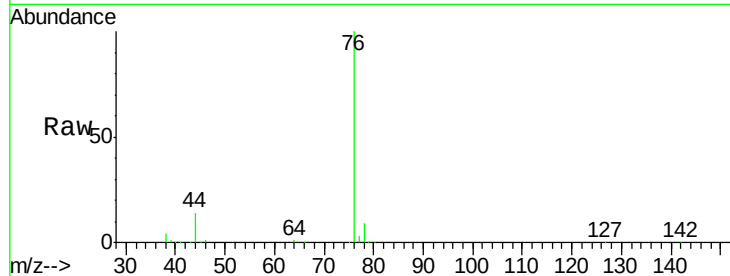
#17
Carbon Disulfide
Concen: 46.883 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	76	Resp	292582
Ion Ratio	Lower	Upper	
76	100		
78	8.9	7.0	10.6

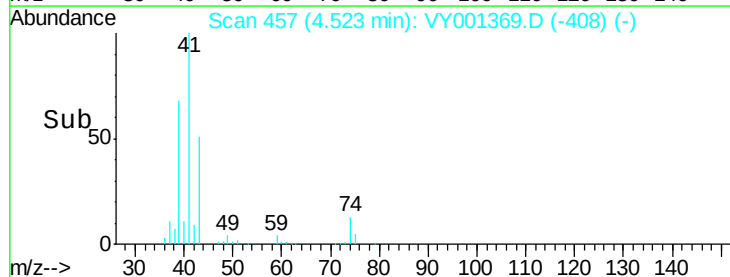
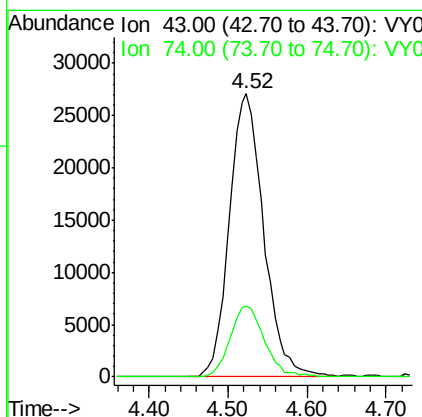
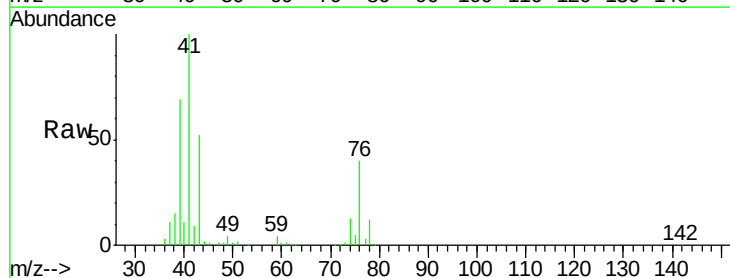
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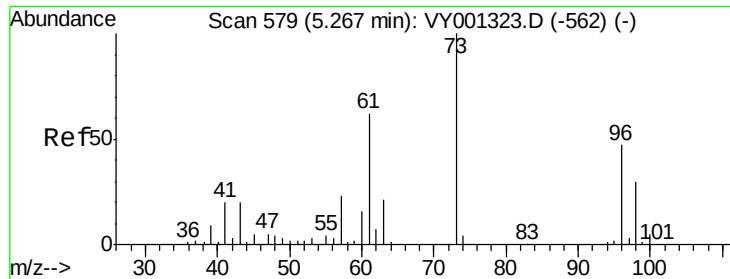
MMDadoda
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#18
Methyl Acetate
Concen: 47.840 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	43	Resp	82042
Ion Ratio	Lower	Upper	
43	100		
74	25.0	19.4	29.2





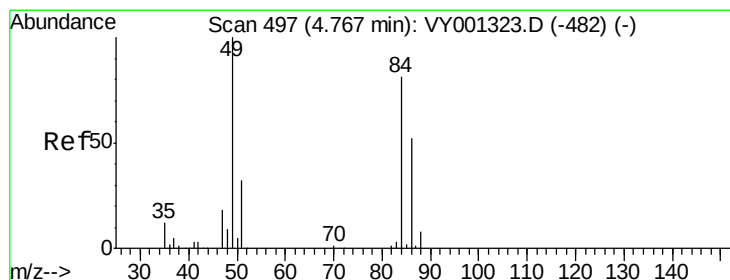
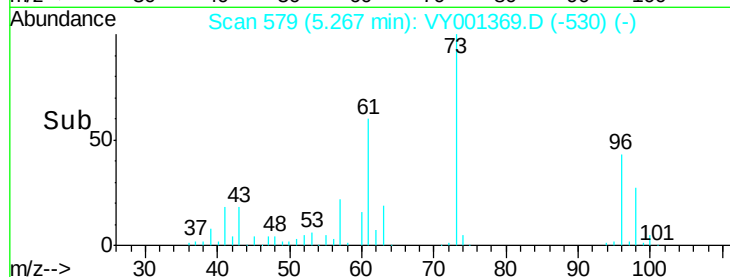
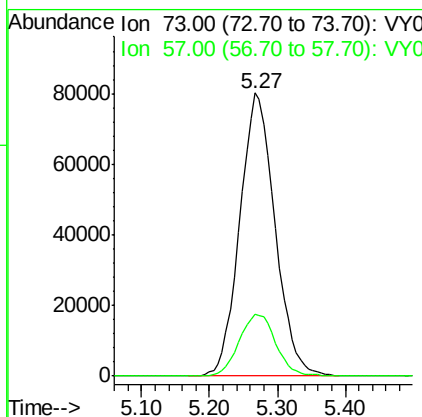
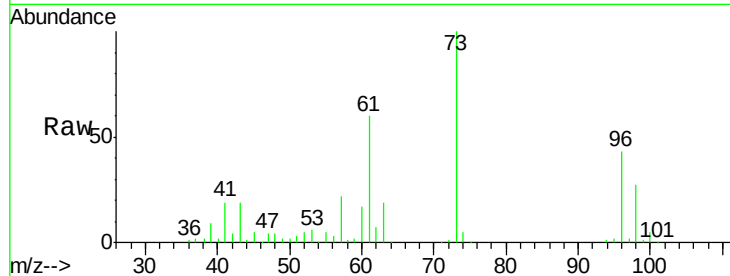
#19
Methyl tert-butyl Ether
Concen: 49.693 ug/l
RT: 5.27 min Scan# 579
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 288716
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.2

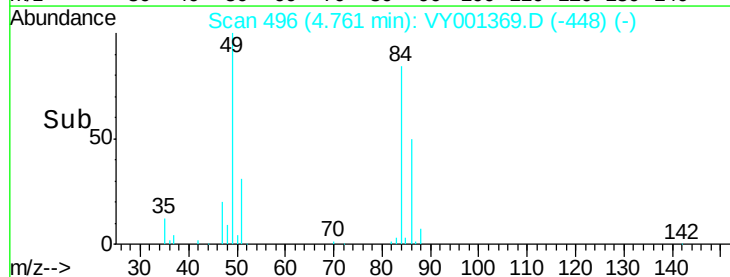
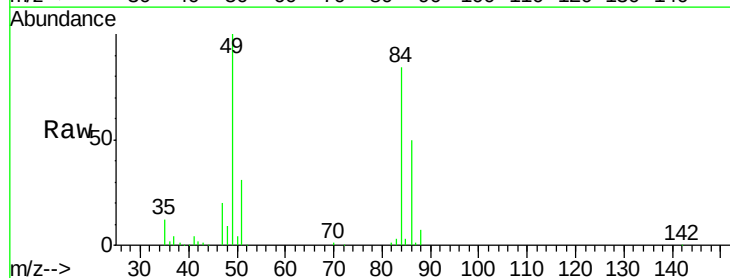
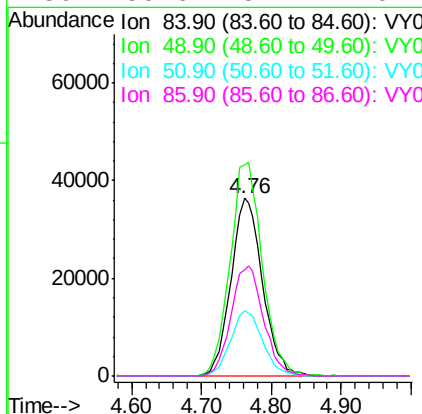
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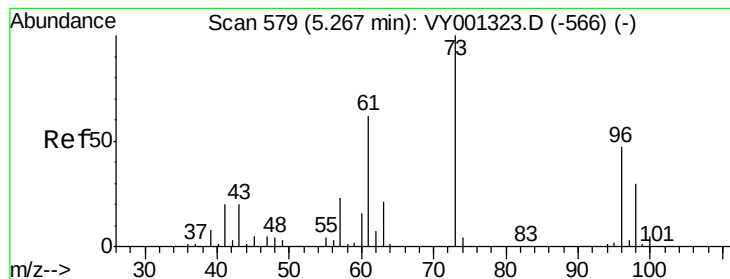
MMDadoda
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#20
Methylene Chloride
Concen: 45.184 ug/l
RT: 4.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion: 84 Resp: 114493
Ion Ratio Lower Upper
84 100
49 119.0 98.3 147.5
51 36.5 31.6 47.4
86 59.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.937 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 110491

Ion Ratio Lower Upper

96 100

61 139.5 106.8 160.2

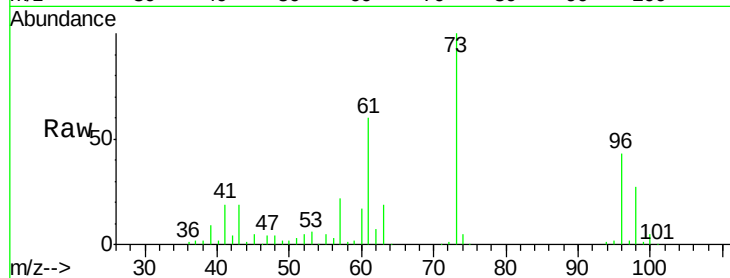
98 64.1 51.0 76.6

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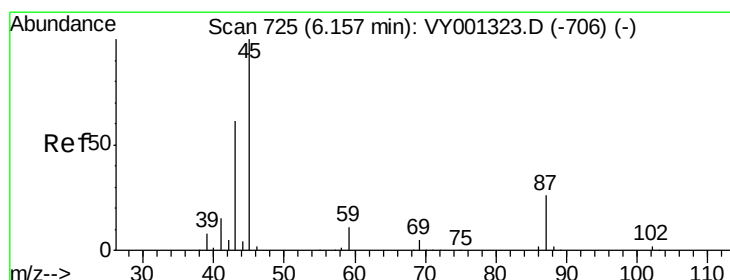
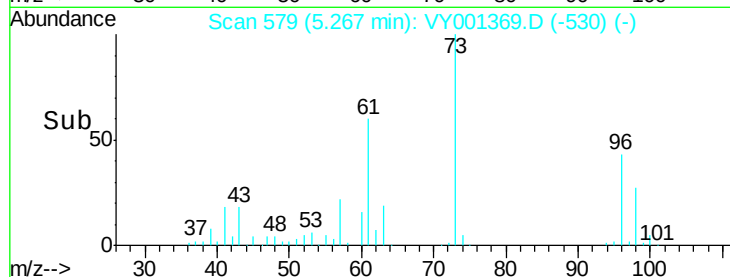
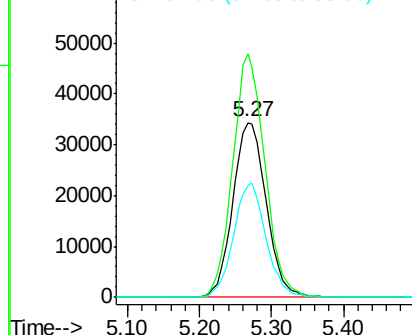
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.400 ug/l

RT: 6.17 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion: 45 Resp: 371202

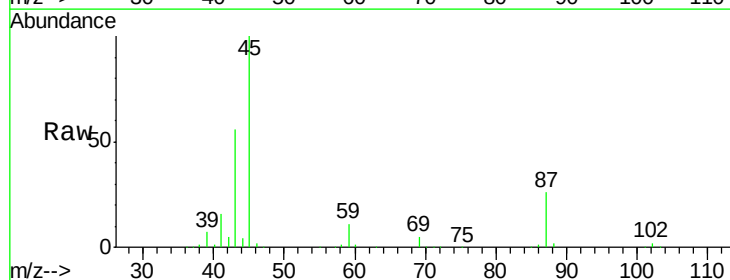
Ion Ratio Lower Upper

45 100

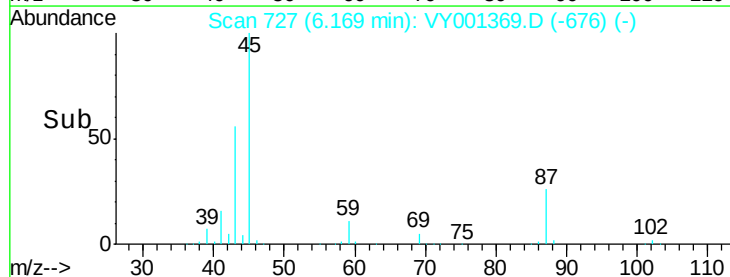
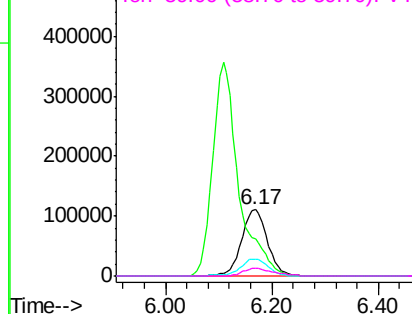
43 55.9 49.2 73.8

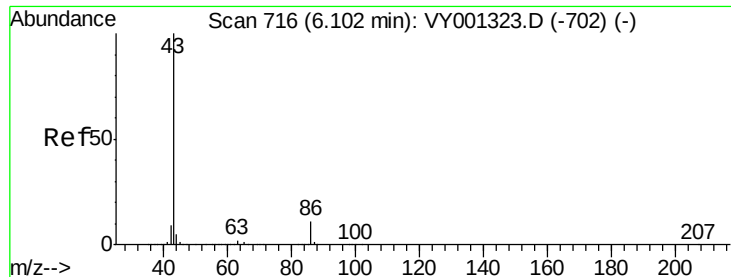
87 25.9 21.4 32.2

59 11.0 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 246.419 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1202090

Ion Ratio Lower Upper

43 100

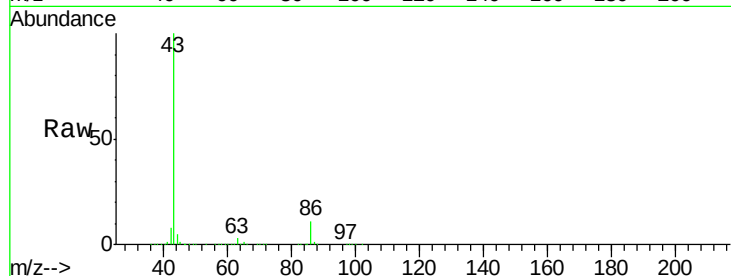
86 10.5 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.11

400000

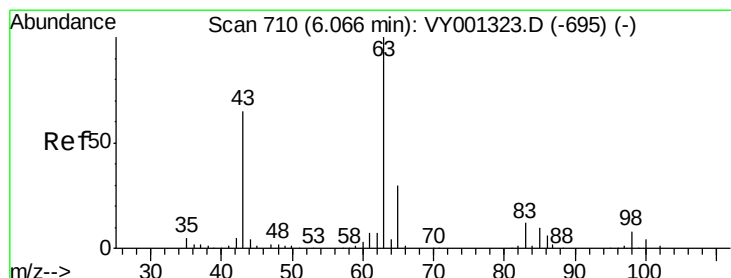
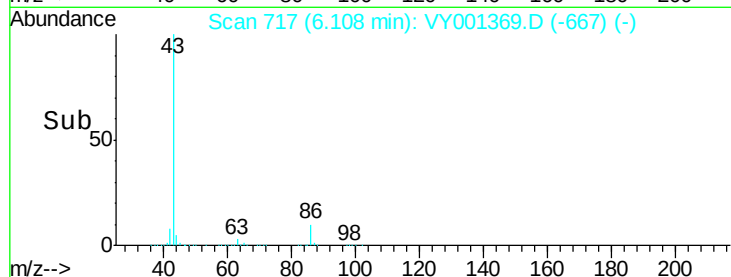
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.266 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

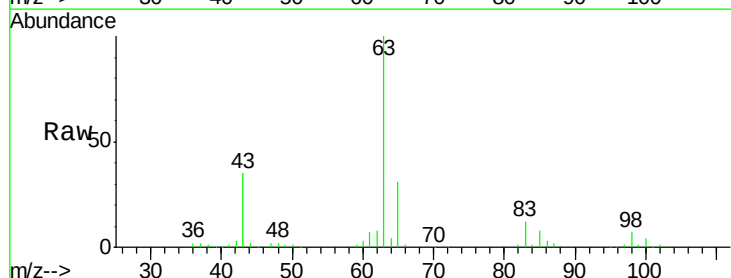
Tgt Ion: 63 Resp: 195125

Ion Ratio Lower Upper

63 100

98 6.7 4.0 12.0

100 4.2 2.1 6.3



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

6.07

80000

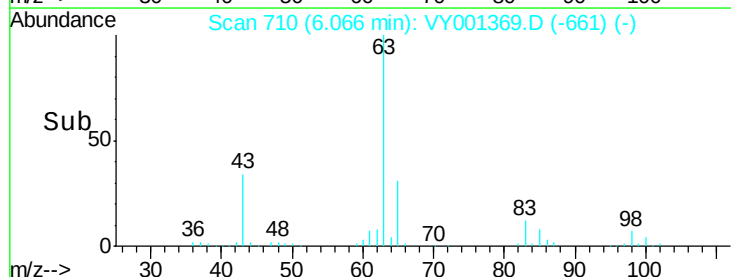
60000

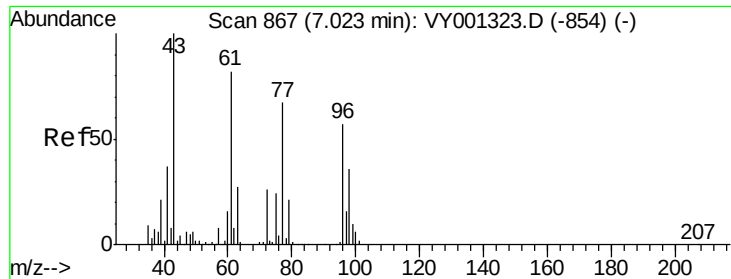
40000

20000

0

Time-->





#25

2-Butanone

Concen: 258.649 ug/l

RT: 7.04 min Scan# 869

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 228940

Ion Ratio Lower Upper

43 100

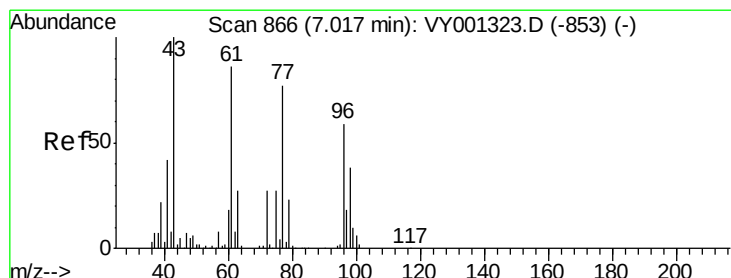
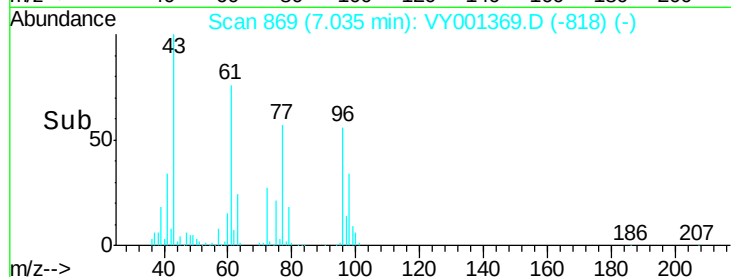
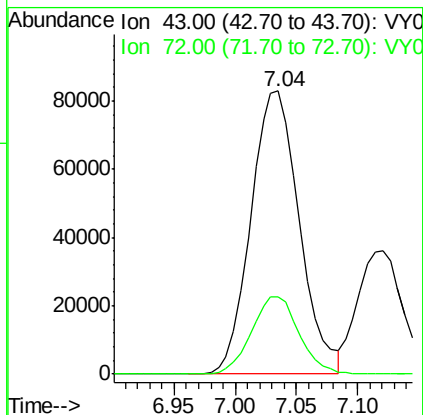
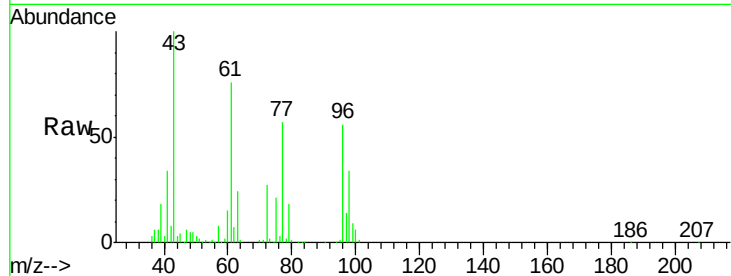
72 27.2 20.6 31.0

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 45.130 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001369.D

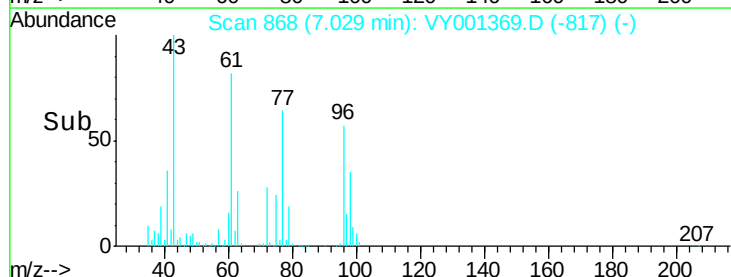
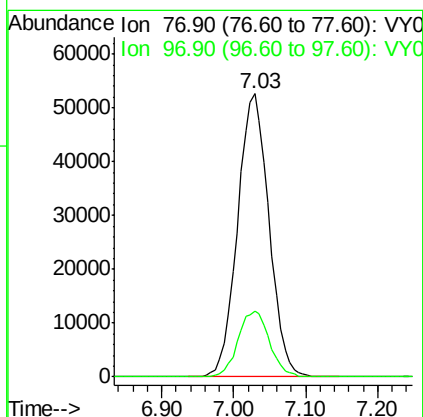
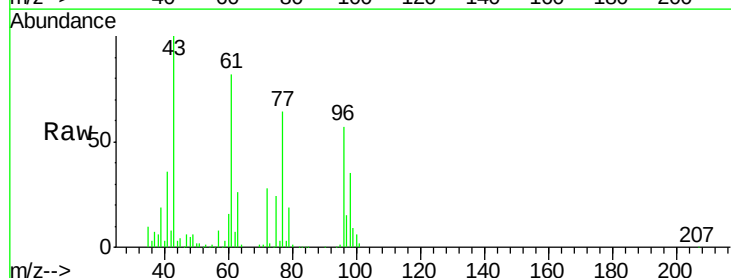
Acq: 23 Jan 2020 20:51

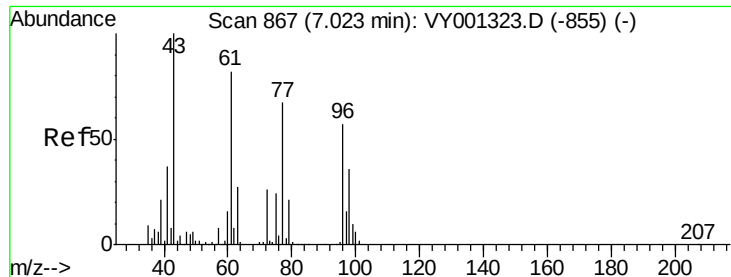
Tgt Ion: 77 Resp: 159219

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





#27

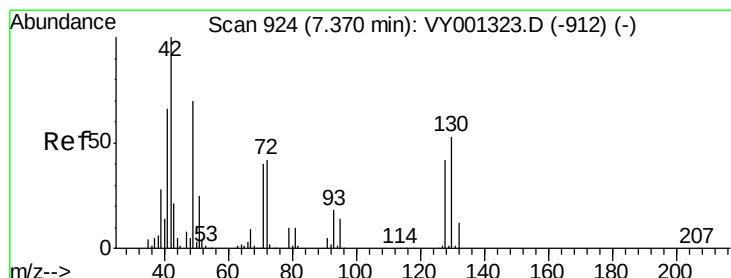
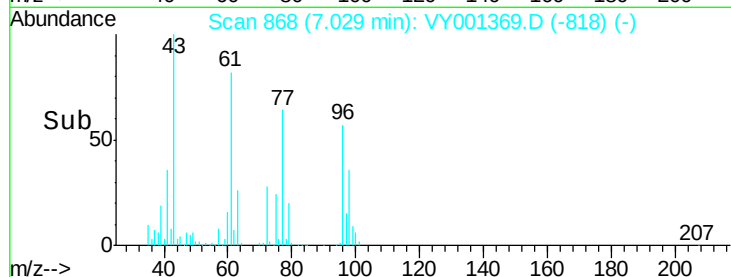
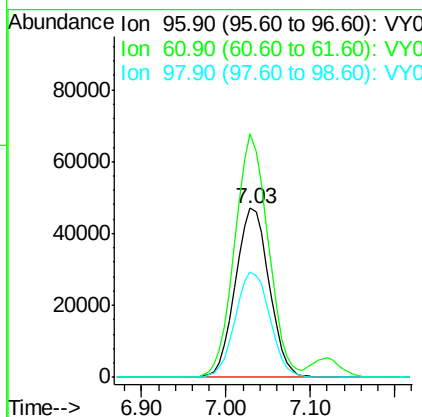
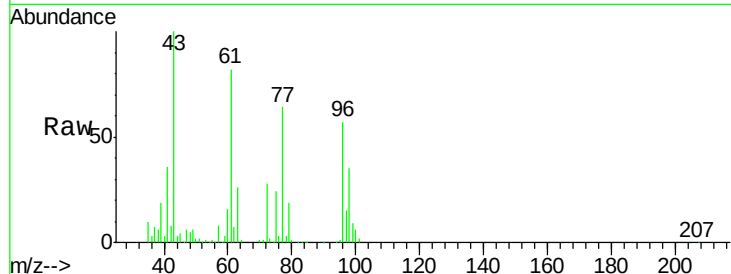
cis-1,2-Dichloroethene
Concen: 49.669 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127946		
61	142.6	0.0	284.8	
98	63.9	0.0	128.4	

Manual Integrations
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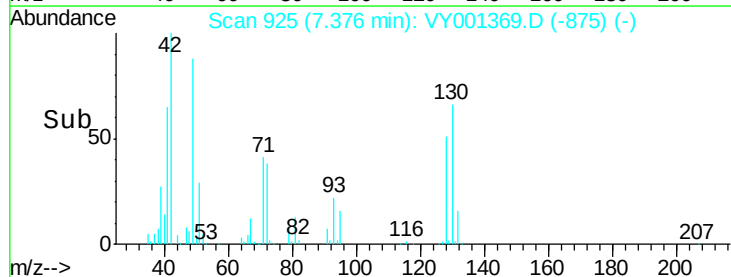
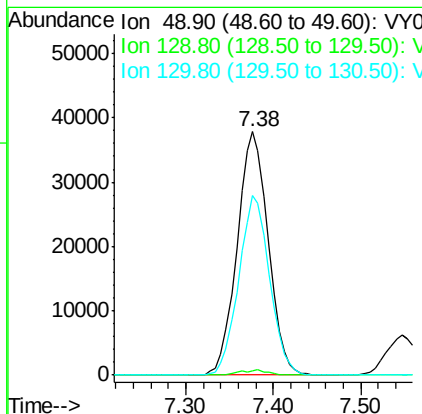
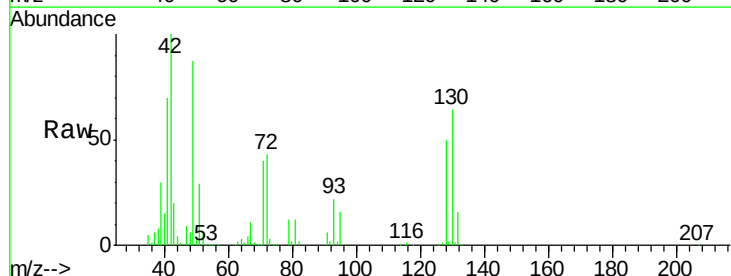
MMDadoda
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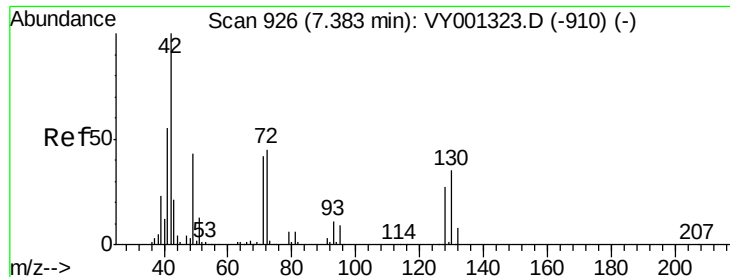


#28

Bromochloromethane
Concen: 57.138 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93327		
129	2.0	0.0	4.0	
130	73.4	58.9	88.3	





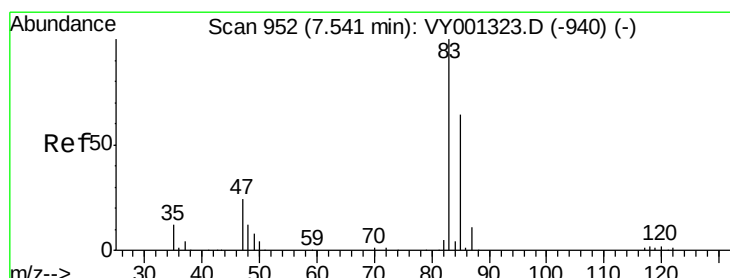
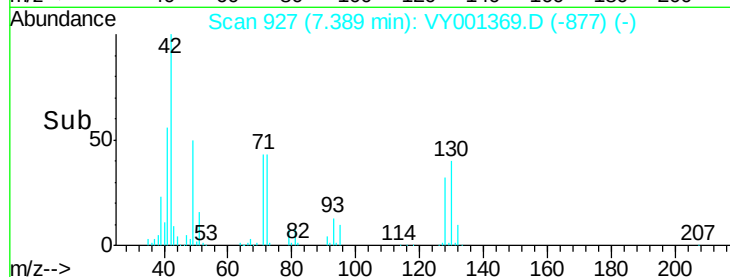
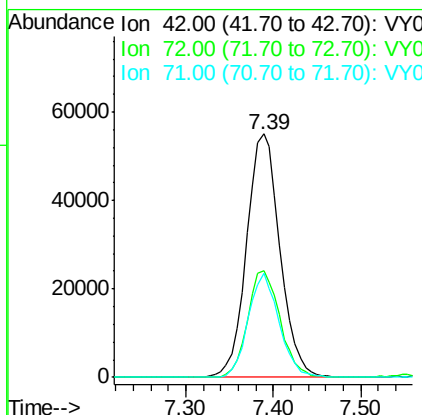
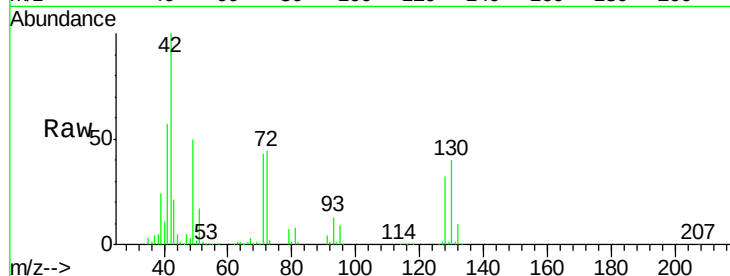
#29
Tetrahydrofuran
Concen: 253.364 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.6	51.8
71	39.5	32.6	48.8

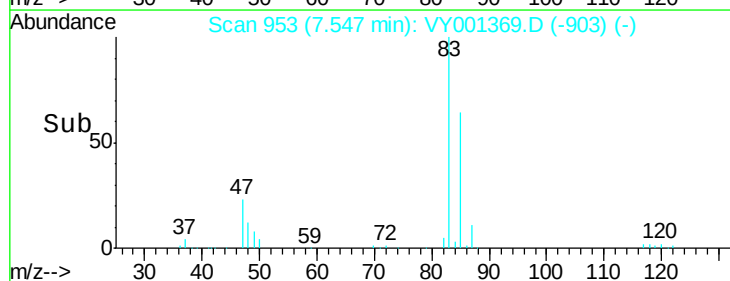
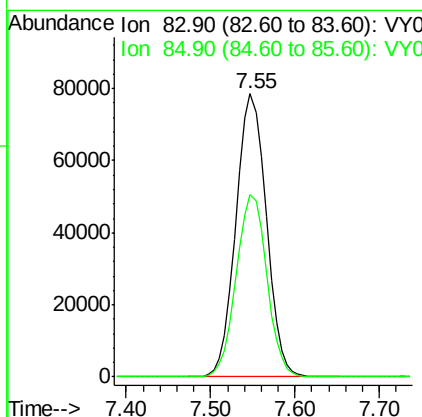
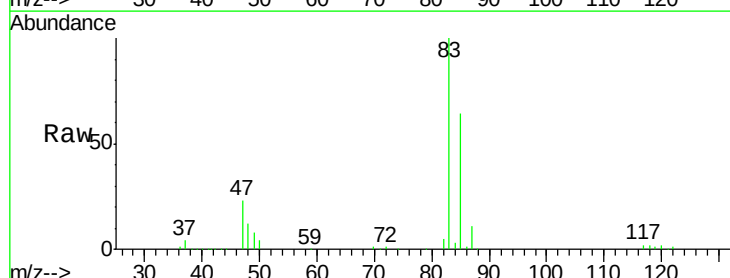
Manual Integrations
APPROVED

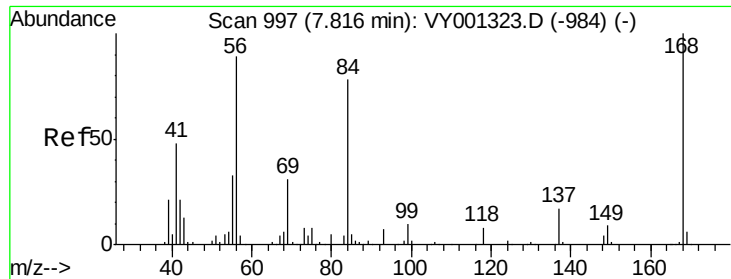
MMDadoda
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#30
Chloroform
Concen: 49.342 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





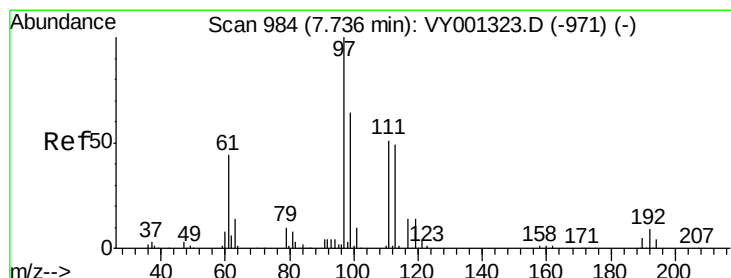
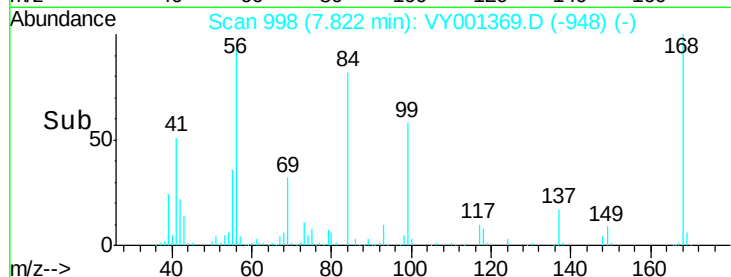
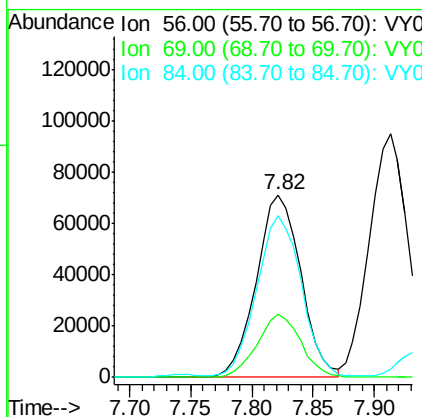
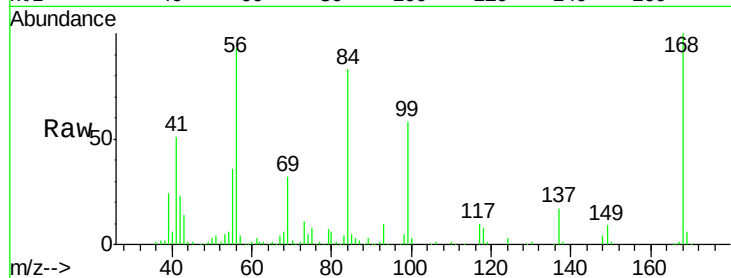
#31
Cyclohexane
Concen: 45.958 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	27.6	41.4
84	86.9	69.7	104.5

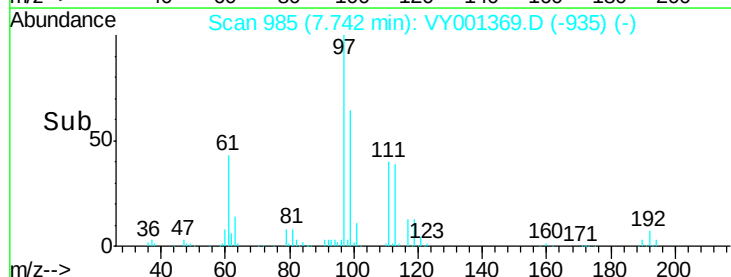
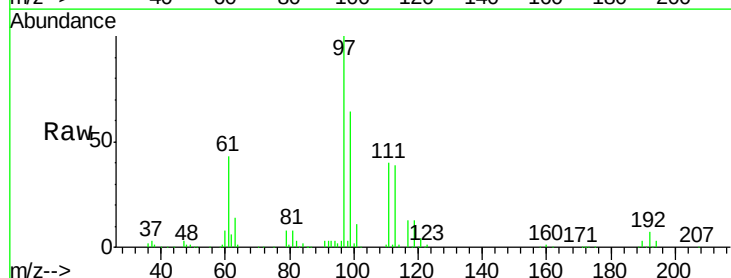
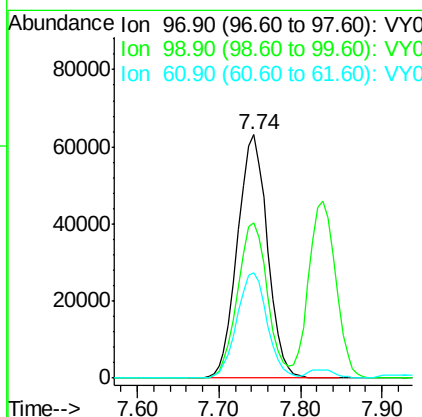
Manual Integrations
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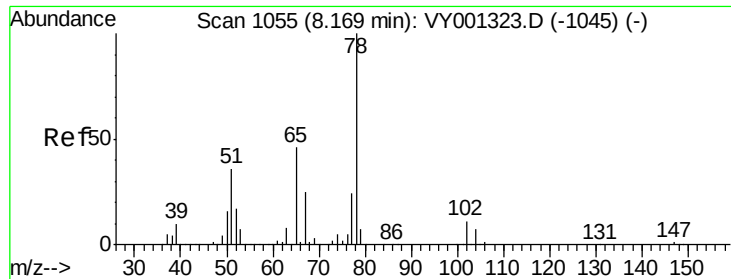
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#32
1,1,1-Trichloroethane
Concen: 49.102 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	43.6	35.9	53.9





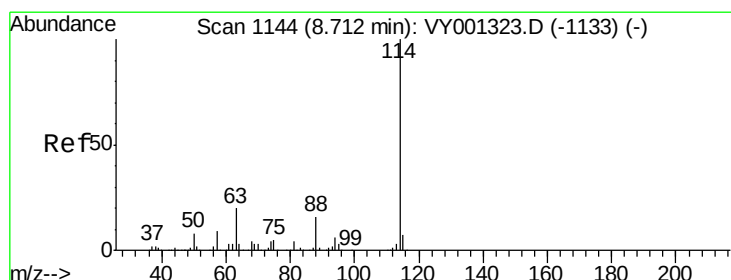
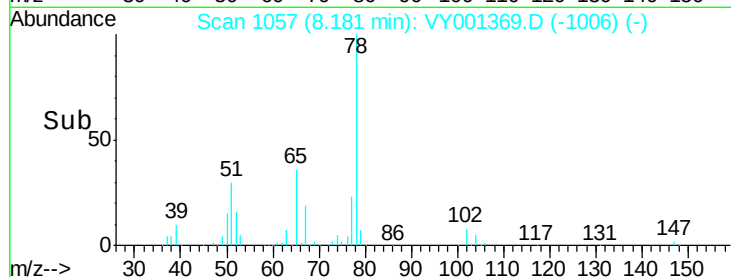
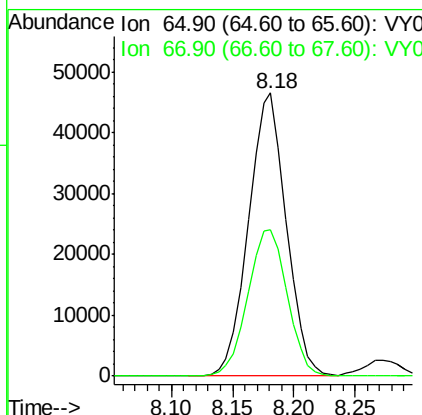
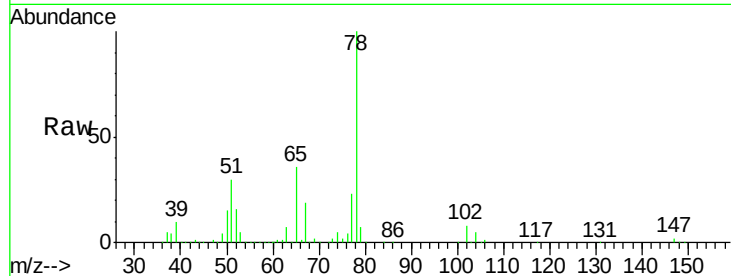
#33
 1,2-Dichloroethane-d4
 Concen: 49.134 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	65	Resp	99920
Ion Ratio	100	Lower	Upper
67	54.1	0.0	108.6

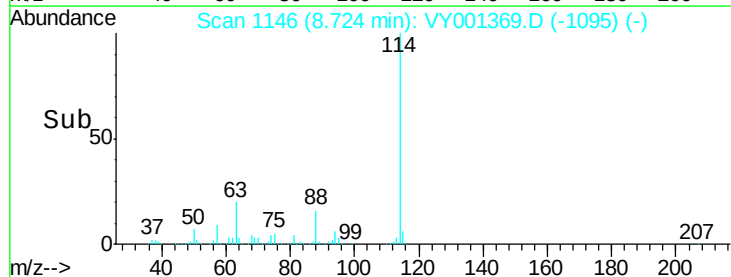
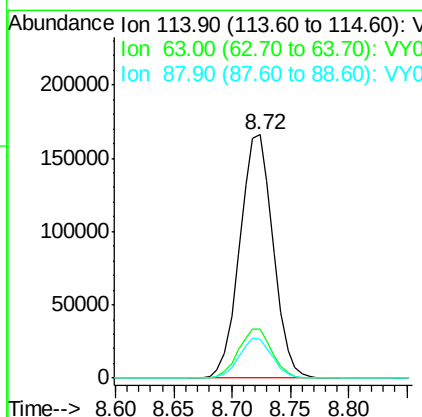
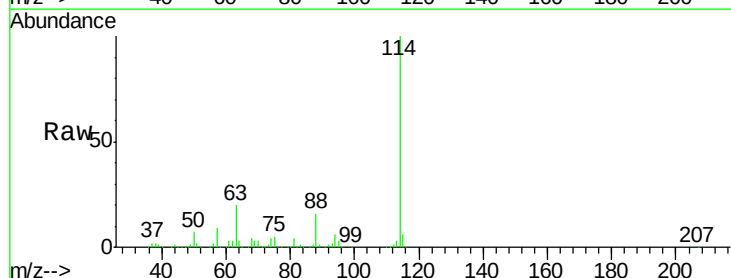
Manual Integrations
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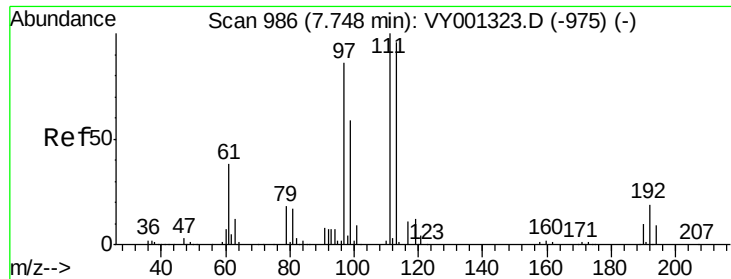
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion	114	Resp	331594
Ion Ratio	100	Lower	Upper
63	20.2	0.0	40.8
88	16.2	0.0	31.0





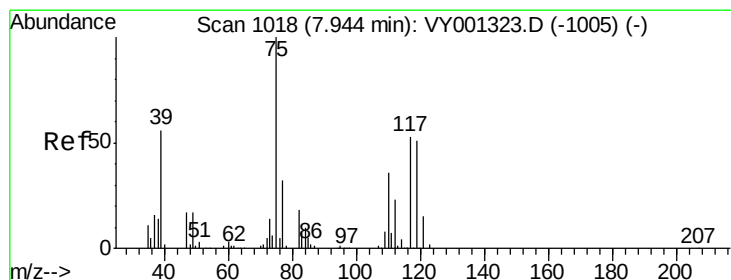
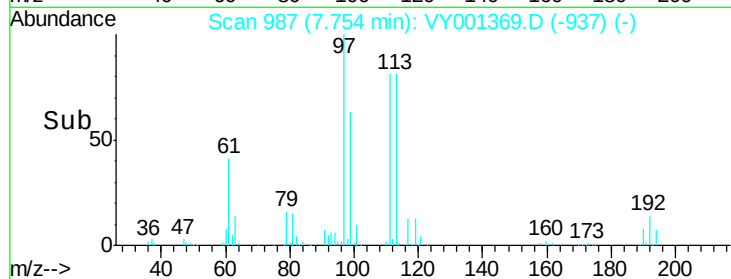
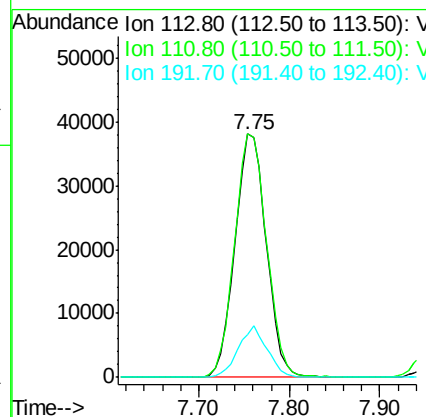
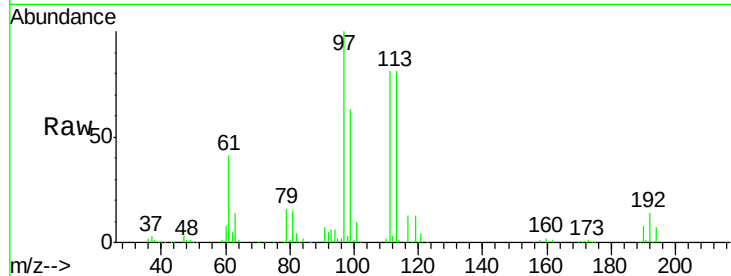
#35
 Dibromofluoromethane
 Concen: 46.921 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	19.6	15.5	23.3

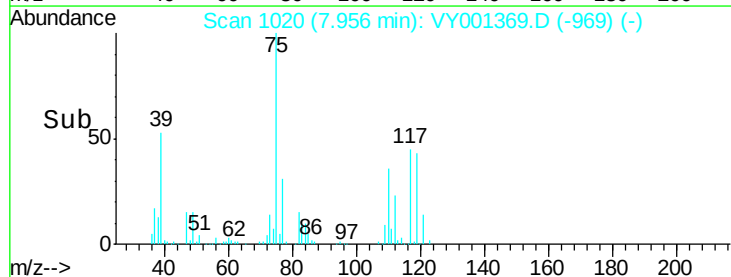
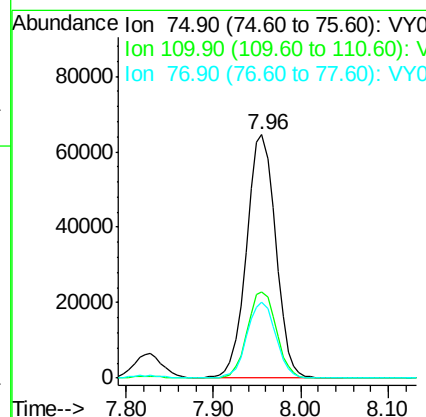
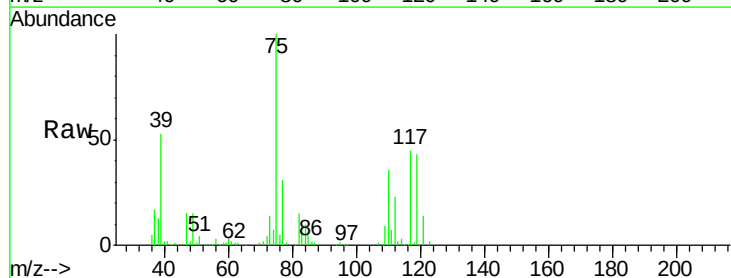
Manual Integrations
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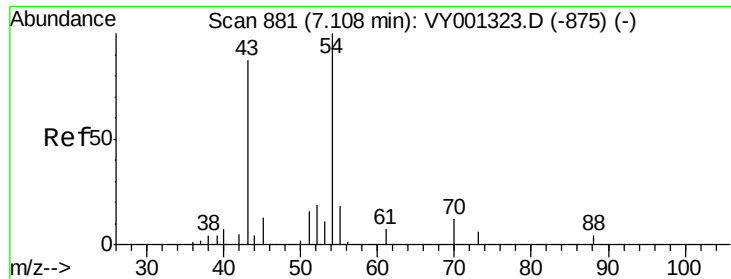
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#36
 1,1-Dichloropropene
 Concen: 47.738 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.6	52.8
77	31.2	24.7	37.1





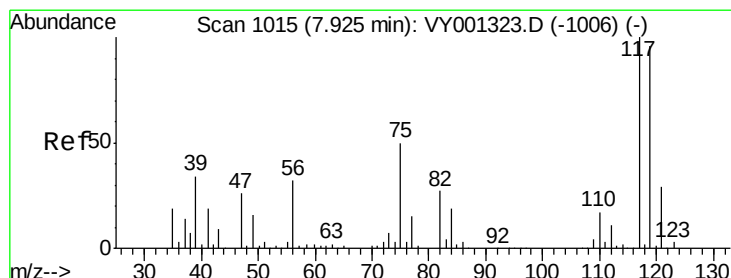
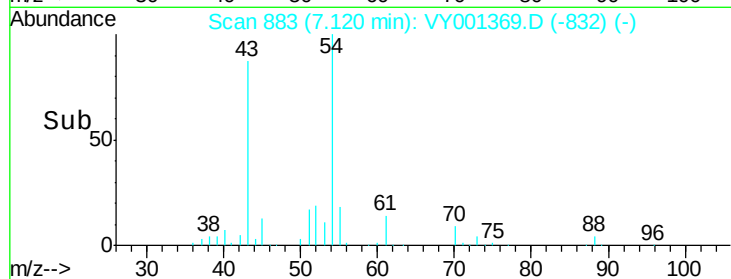
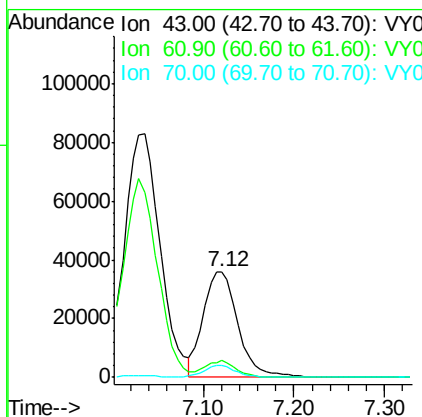
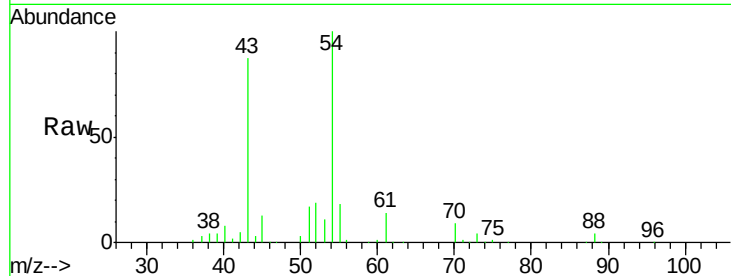
#37
Ethyl Acetate
Concen: 49.976 ug/l
RT: 7.12 min Scan# 883
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.7	8.7	13.1

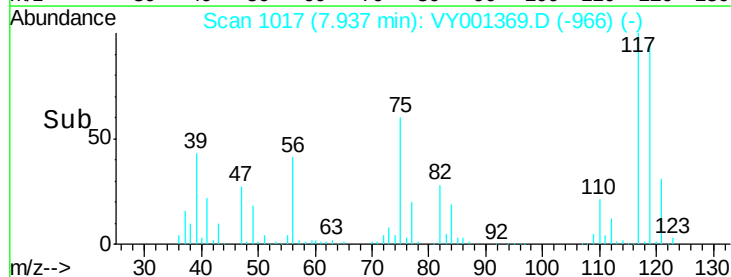
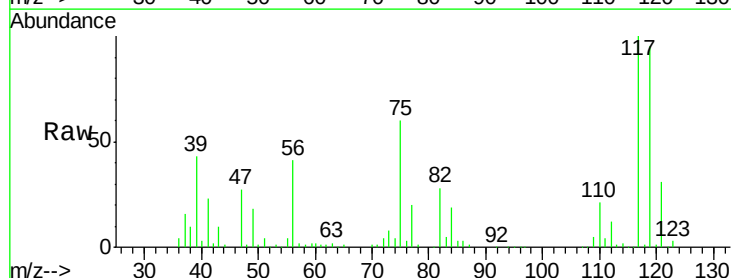
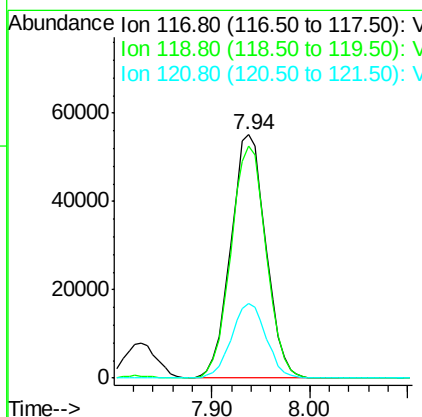
Manual Integrations
APPROVED

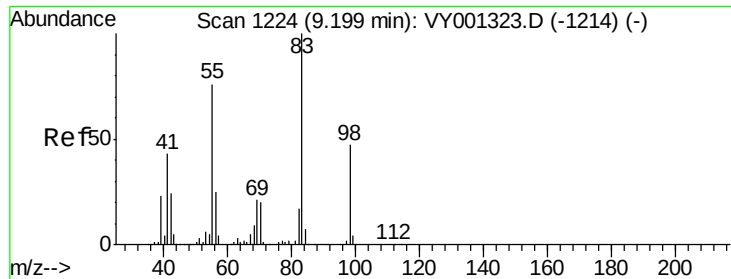
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#38
Carbon Tetrachloride
Concen: 49.059 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.3	114.5
121	30.8	23.5	35.3





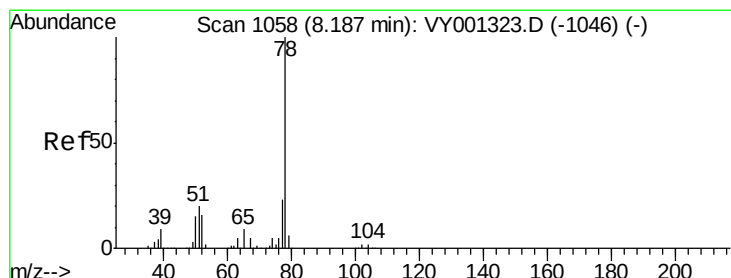
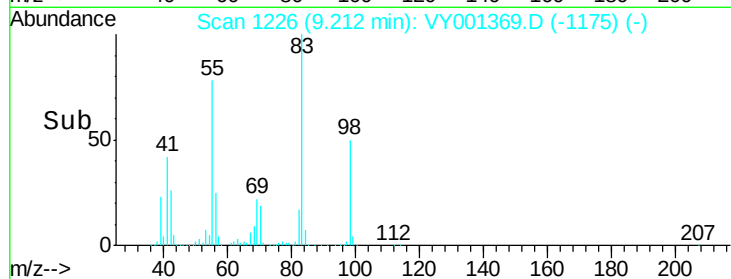
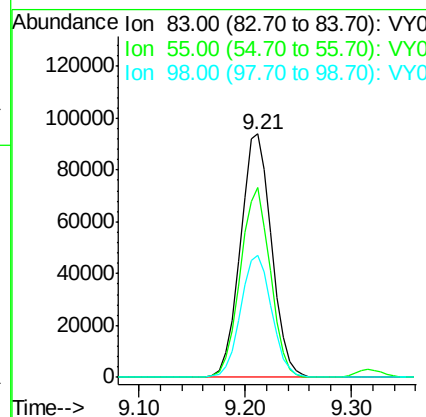
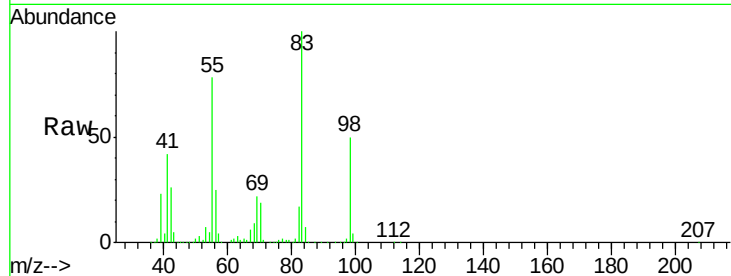
#39
Methylvlcyclohexane
Concen: 48.125 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193136		
55	77.9	60.7	91.1	
98	49.9	37.8	56.8	

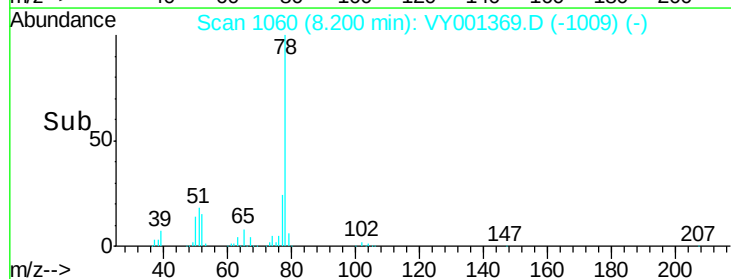
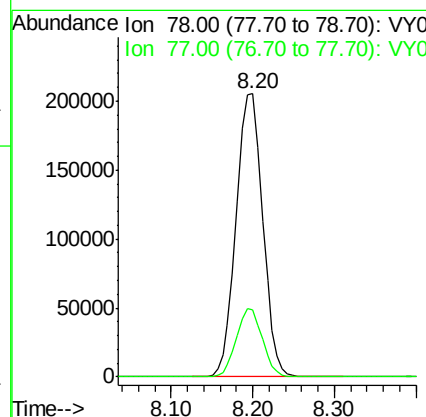
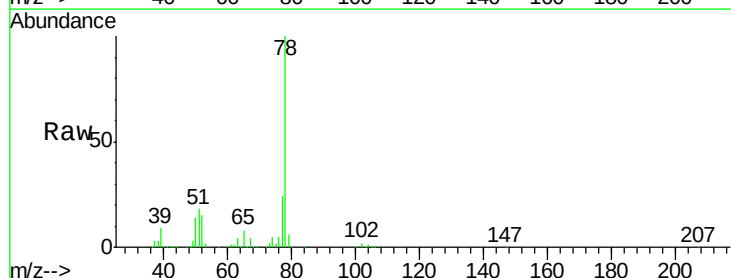
Manual Integrations
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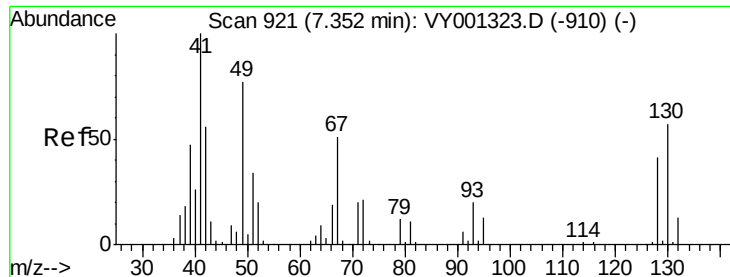
MMDadoda
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#40
Benzene
Concen: 49.135 ug/l
RT: 8.20 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	461538		
77	23.6	18.6	27.8	





#41

Methacrylonitrile

Concen: 44.427 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 43881

Ion Ratio Lower Upper

41 100

39 141.7 0.0 0.0#

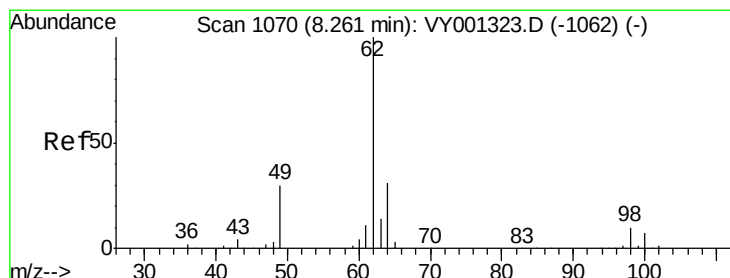
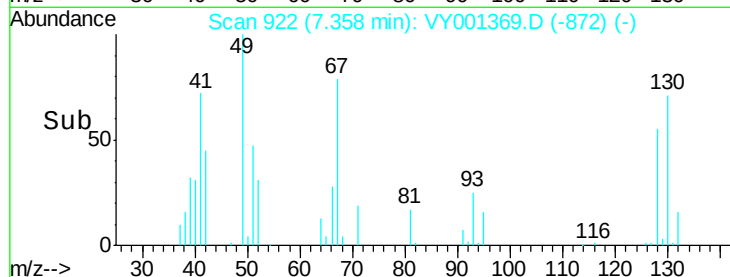
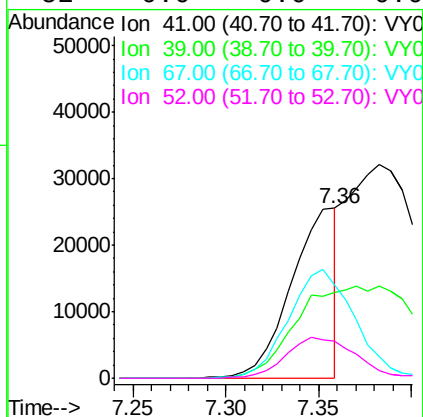
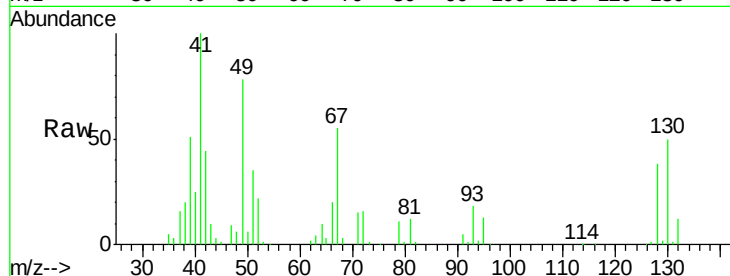
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.885 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. 0.01 min

Lab File: VY001369.D

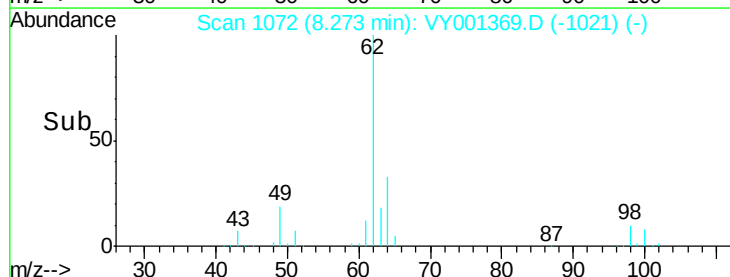
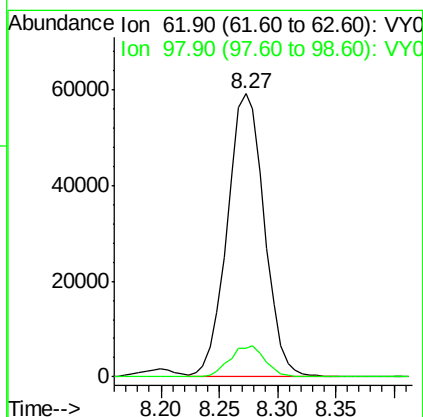
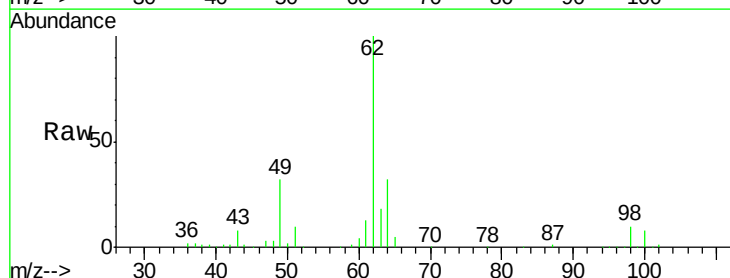
Acq: 23 Jan 2020 20:51

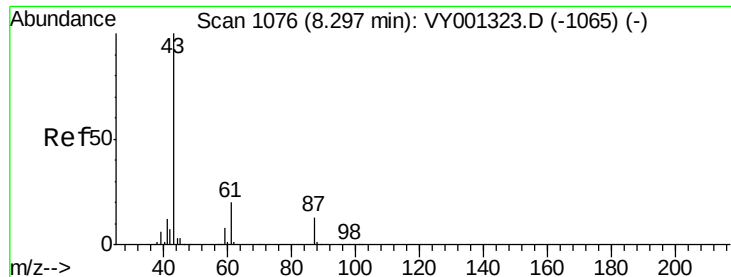
Tgt Ion: 62 Resp: 130930

Ion Ratio Lower Upper

62 100

98 10.5 0.0 20.8





#43

Isopropyl Acetate

Concen: 51.115 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

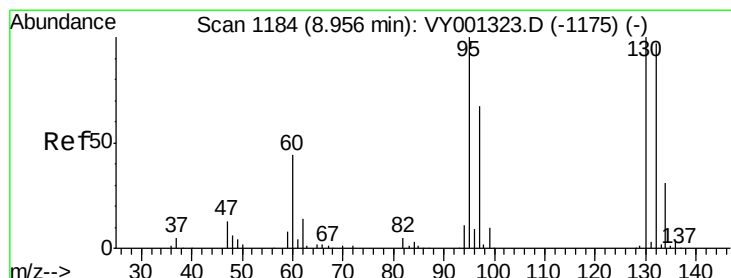
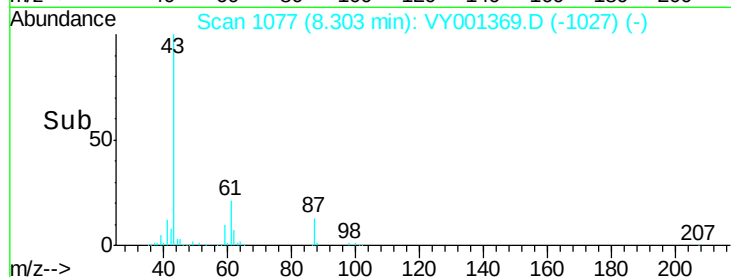
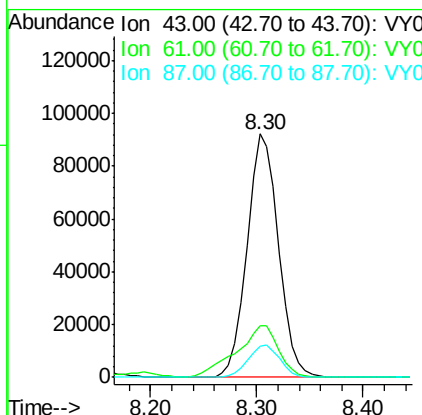
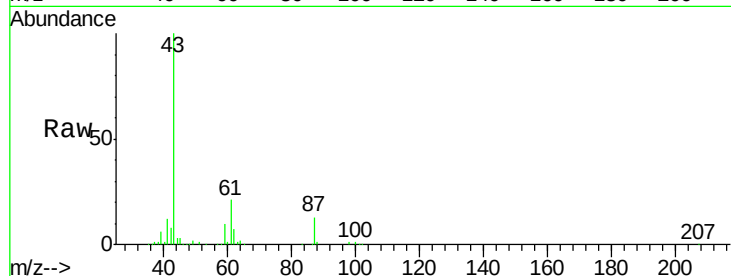
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	190238
Ion	Ratio	Lower	Upper
43	100		
61	28.7	22.7	34.1
87	13.4	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 48.128 ug/l

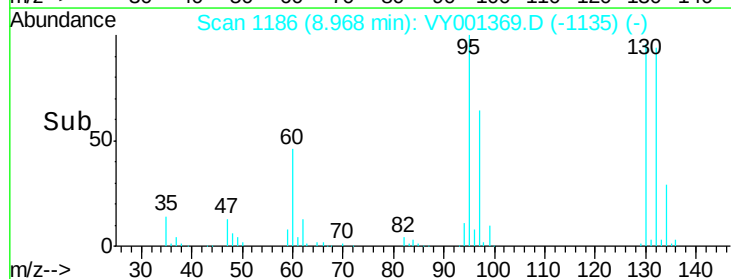
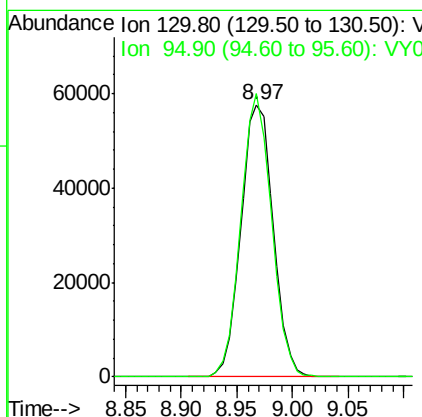
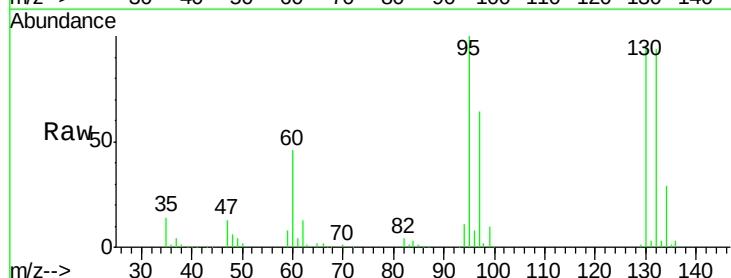
RT: 8.97 min Scan# 1186

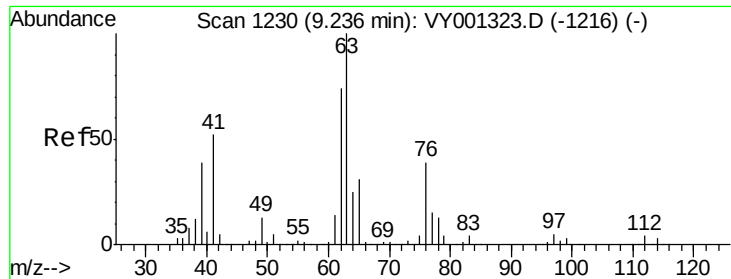
Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	130	Resp:	116008
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	200.0





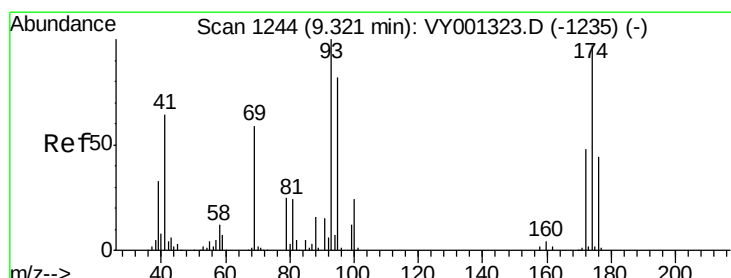
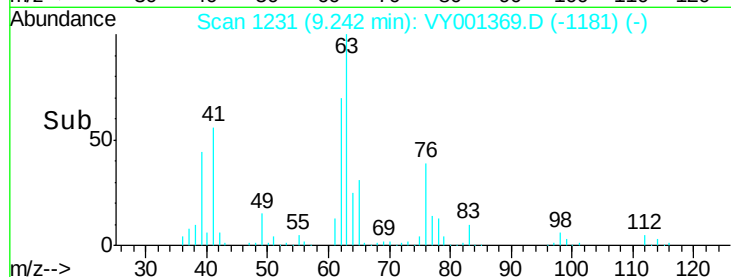
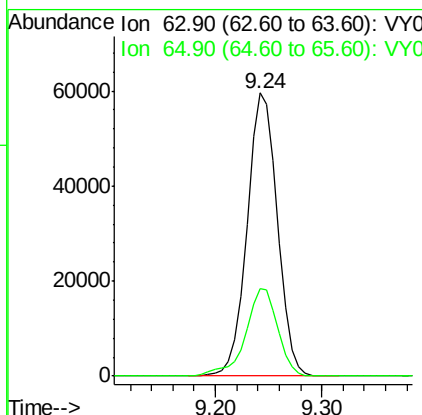
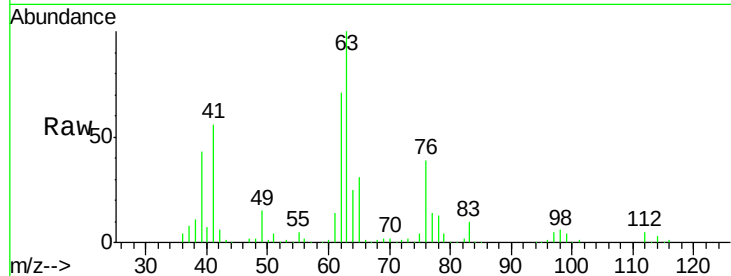
#45
 1,2-Dichloropropane
 Concen: 50.117 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119007
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3

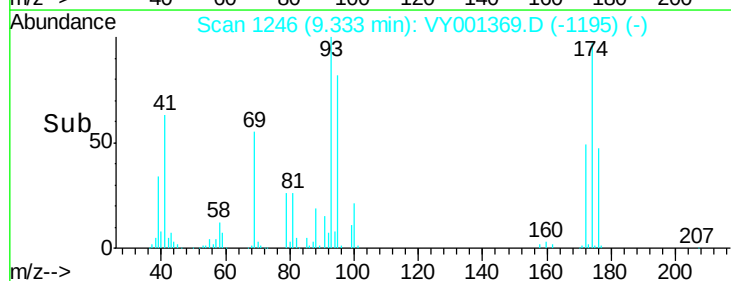
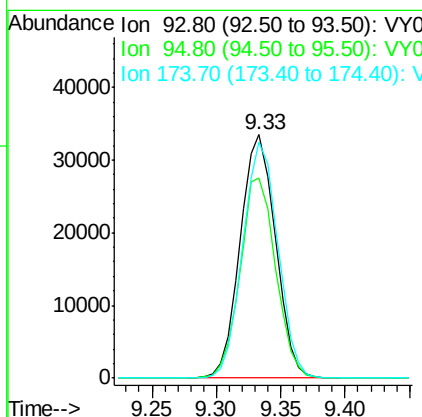
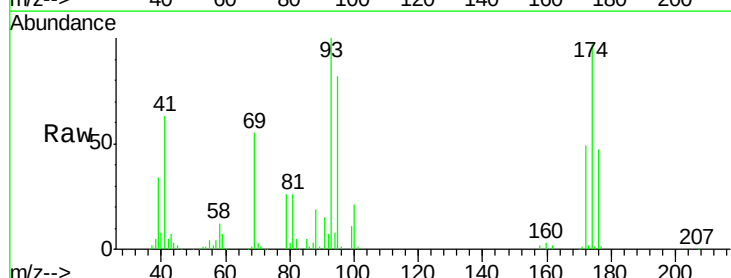
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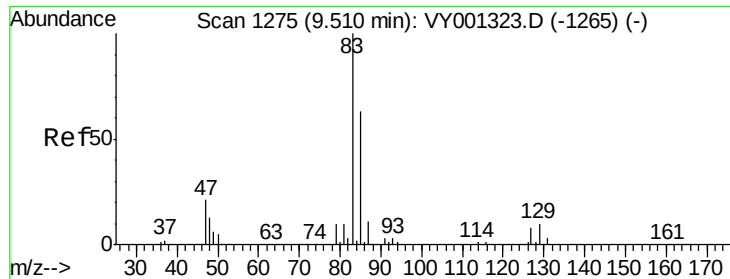
MMDadoda
 1/24/2020 4:03:43 PM



#46
 Dibromomethane
 Concen: 49.838 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion: 93 Resp: 63533
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 96.2 77.9 116.9





#47

Bromodichloromethane

Concen: 49.729 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

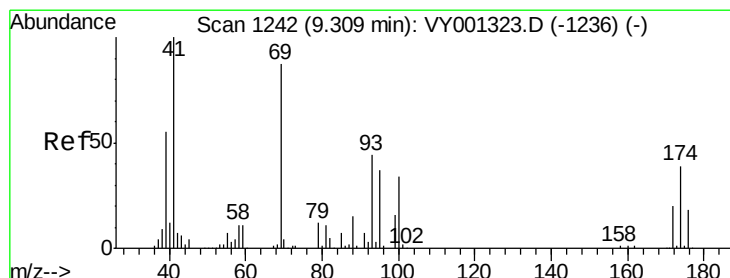
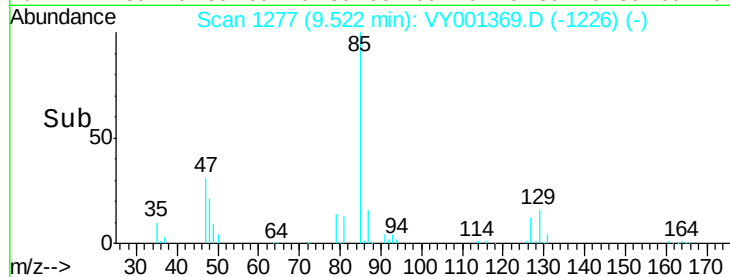
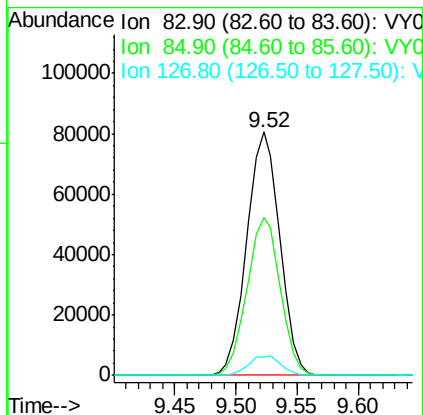
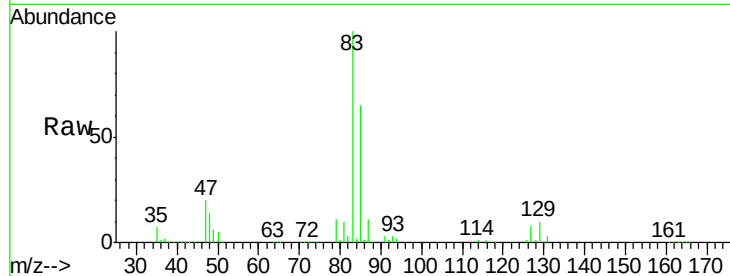
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	151544
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.2	75.2
127	7.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.968 ug/l

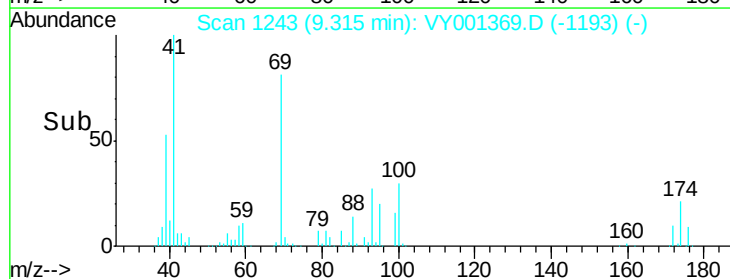
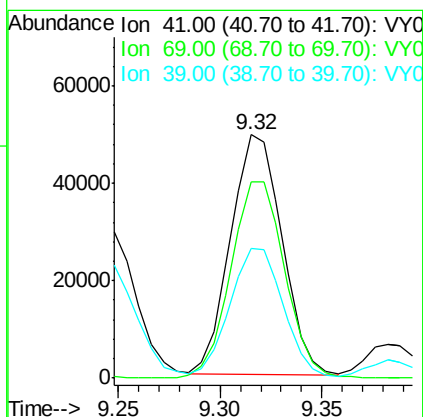
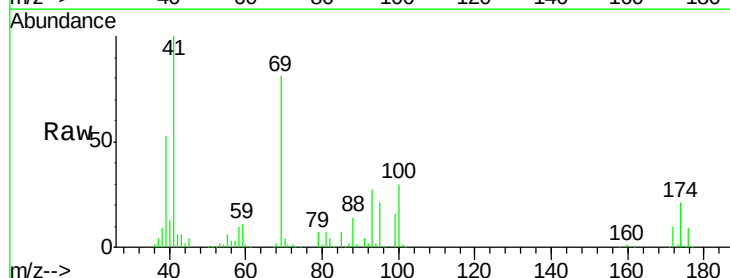
RT: 9.32 min Scan# 1243

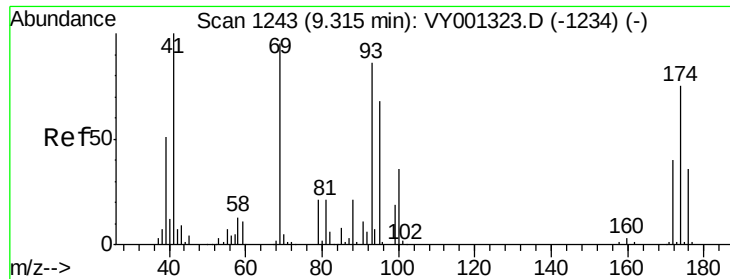
Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	41	Resp:	86235
Ion	Ratio	Lower	Upper
41	100		
69	85.9	70.2	105.4
39	56.6	45.7	68.5





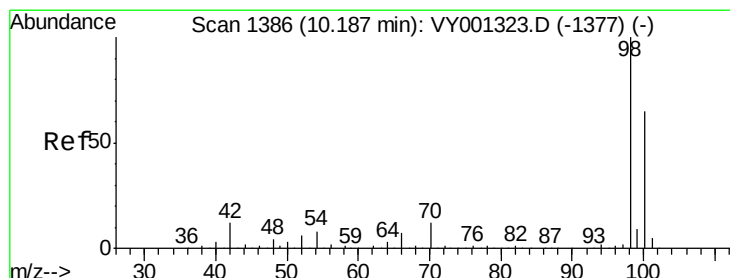
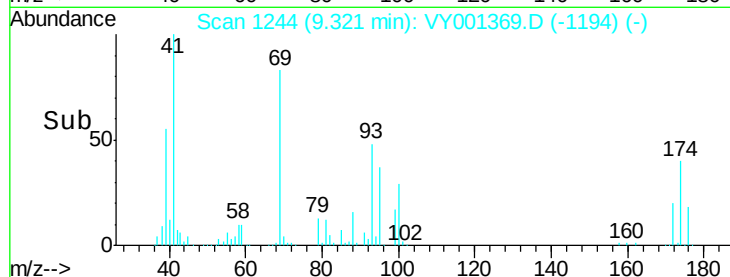
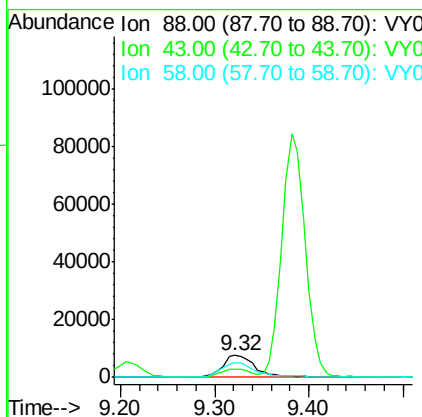
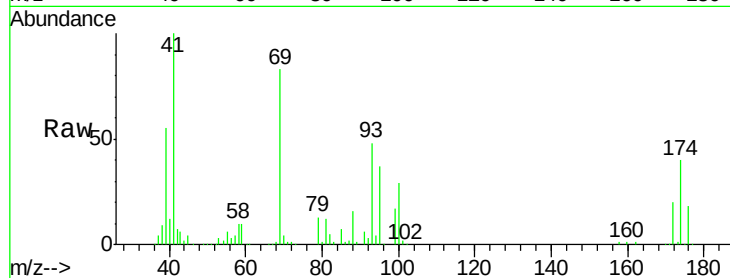
#49
1,4-Dioxane
Concen: 1042.884 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	18748
Ion	Ratio	Lower	Upper
88	100		
43	32.8	28.2	42.2
58	65.7	55.6	83.4

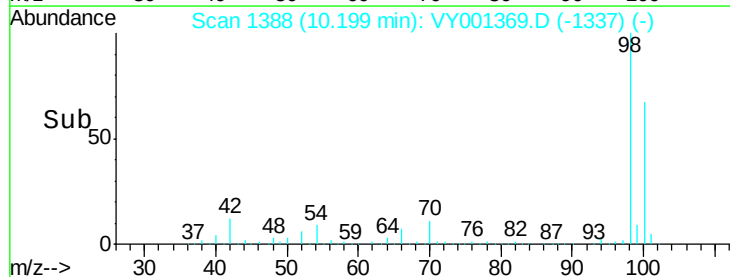
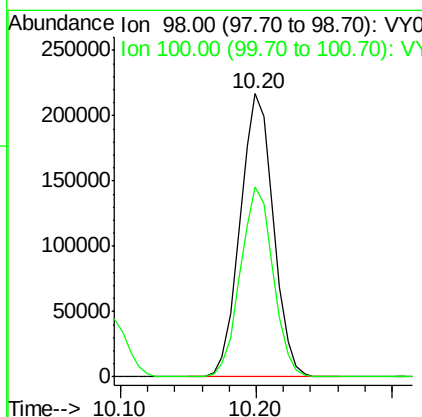
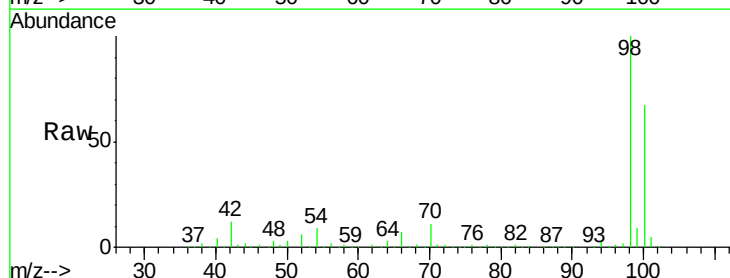
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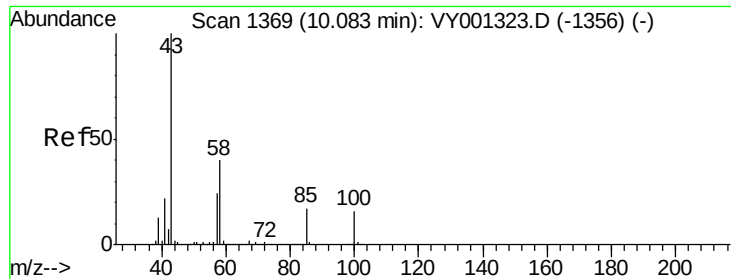
MMDadoda
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#50
Toluene-d8
Concen: 48.841 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	98	Resp	369299
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





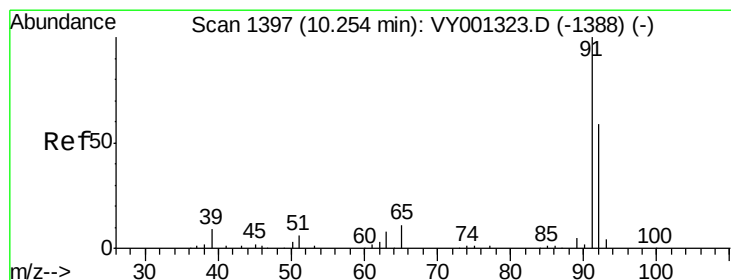
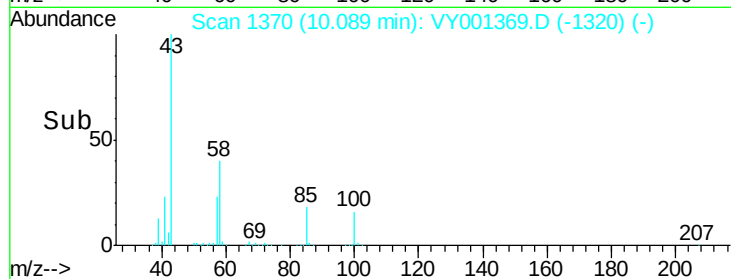
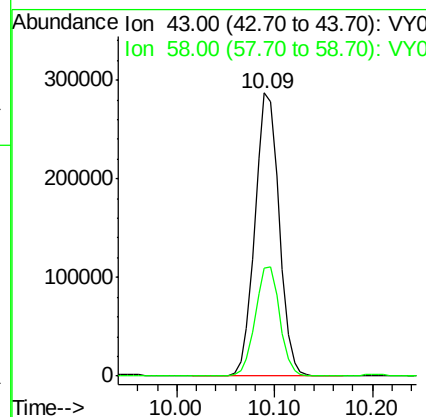
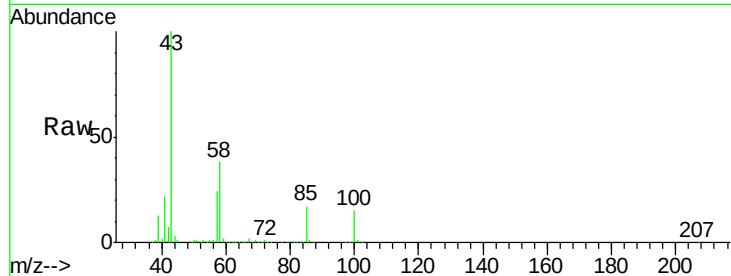
#51
4-Methyl-2-Pentanone
Concen: 257.204 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	492972
Ion Ratio	100	Lower	Upper
58	39.0	31.5	47.3

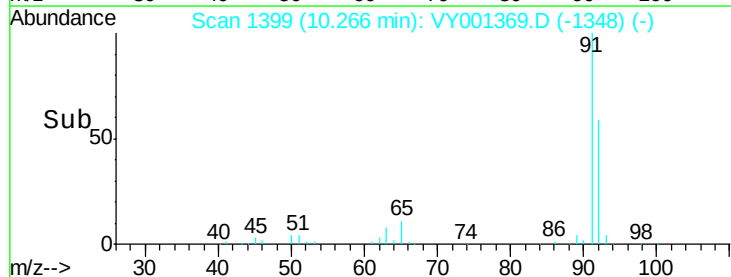
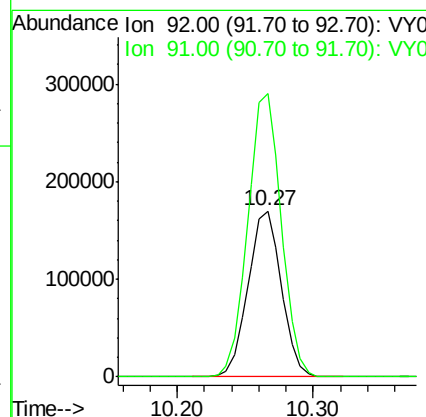
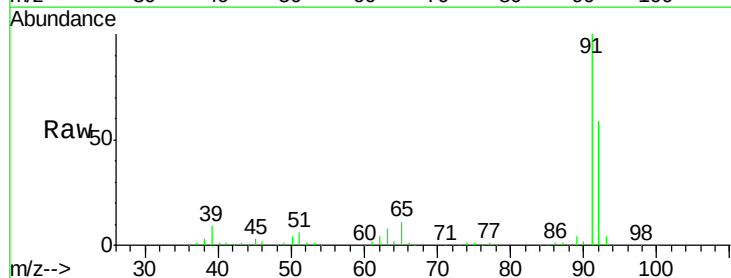
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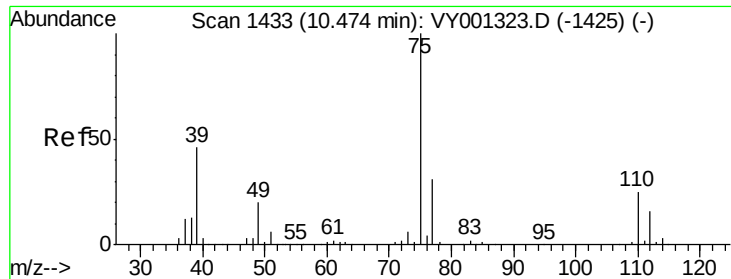
MMDadoda
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#52
Toluene
Concen: 48.875 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	92	Resp	291020
Ion Ratio	100	Lower	Upper
91	171.7	136.4	204.6





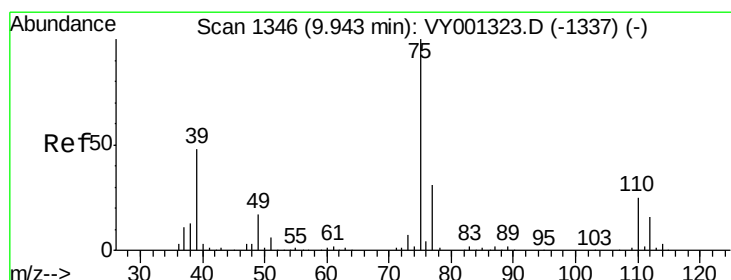
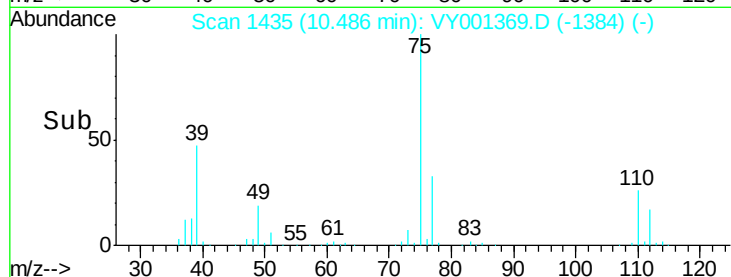
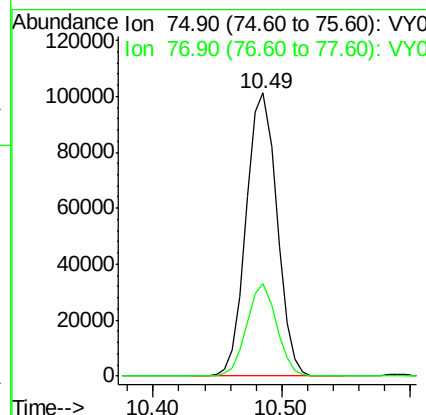
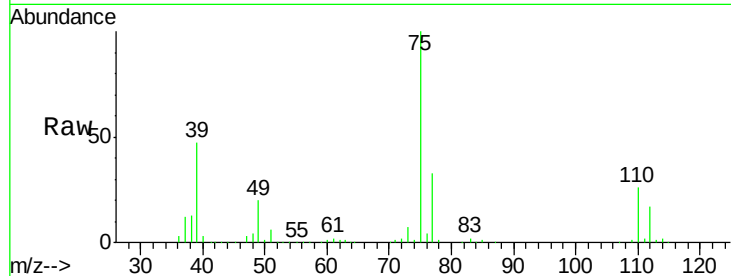
#53
t-1,3-Dichloropropene
Concen: 49.474 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 167113
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

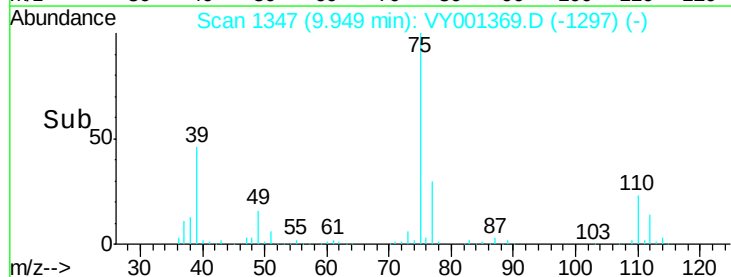
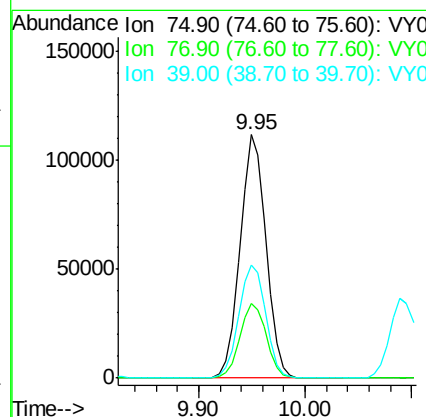
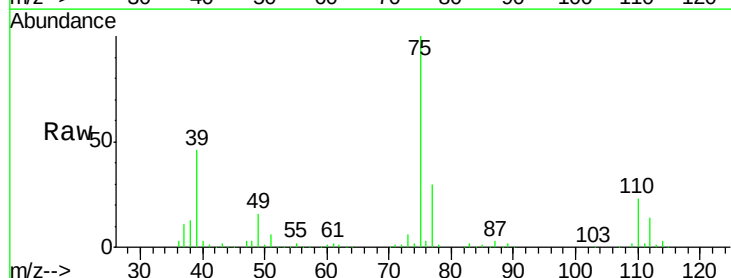
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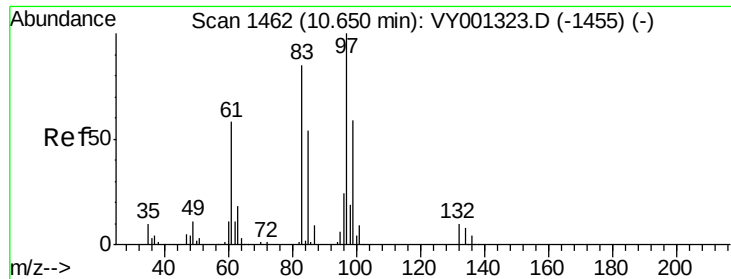
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#54
cis-1,3-Dichloropropene
Concen: 49.244 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion: 75 Resp: 190917
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6
39 46.4 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 49.826 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

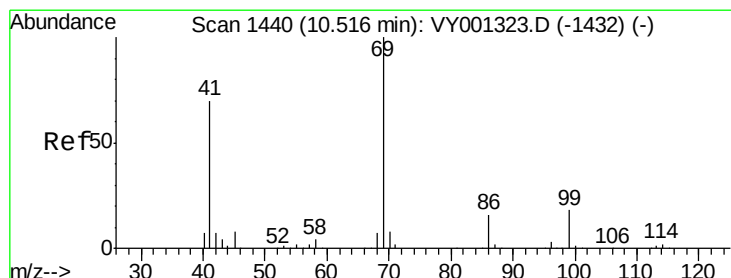
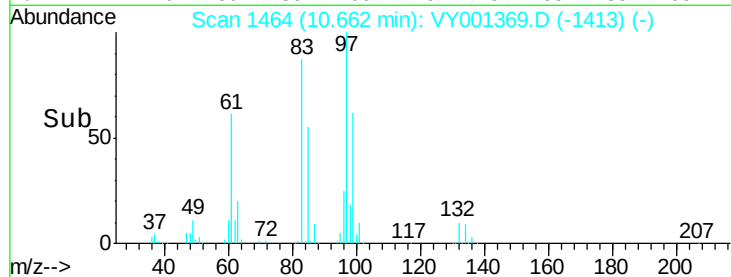
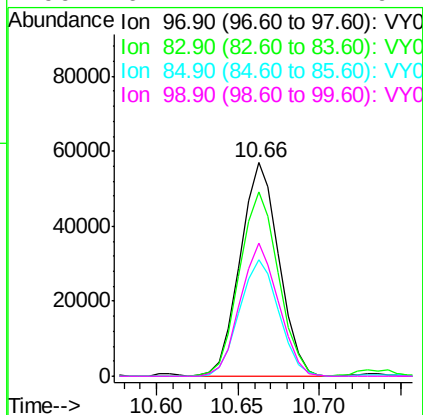
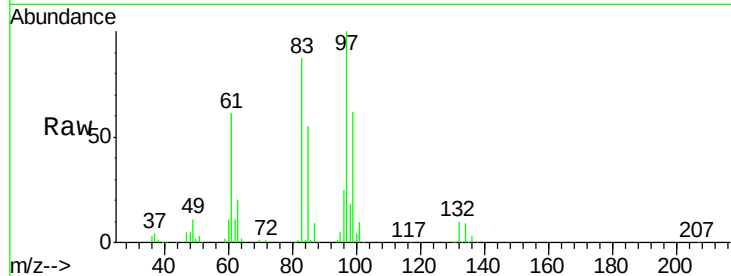
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	93751
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.0	102.0
85	54.7	43.6	65.4
99	62.4	47.1	70.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.454 ug/l

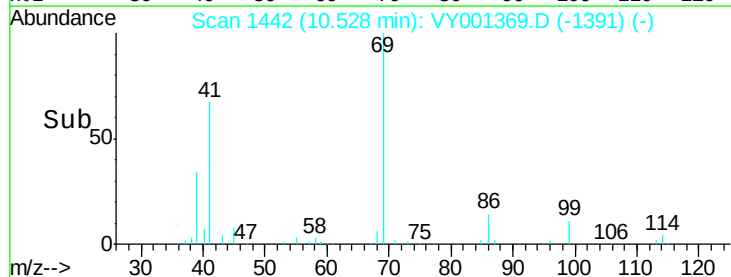
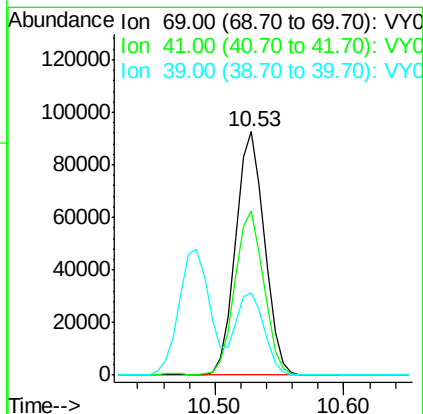
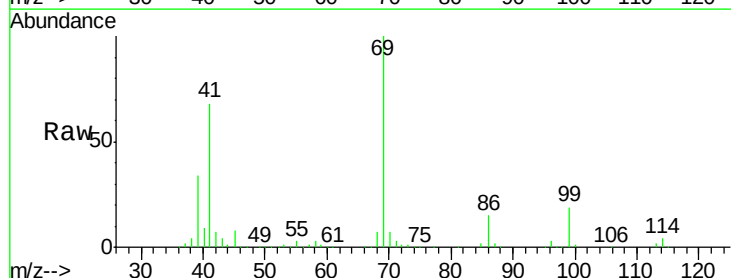
RT: 10.53 min Scan# 1442

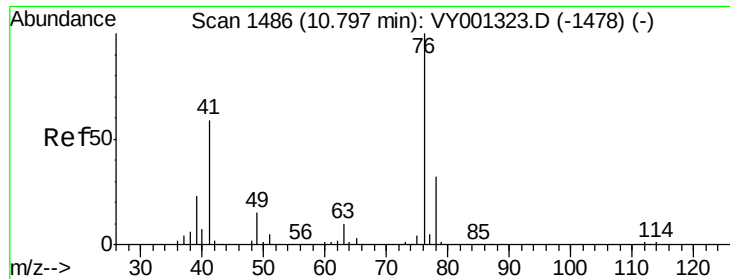
Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	69	Resp:	143485
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.1	81.1
39	34.6	26.8	40.2





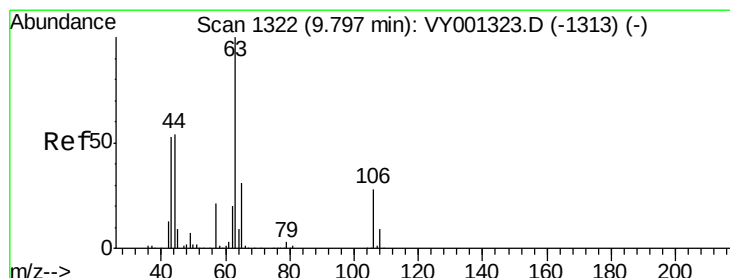
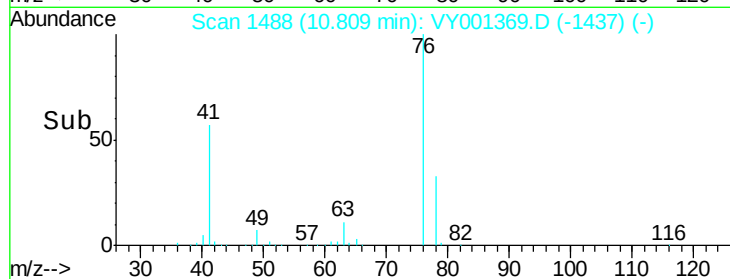
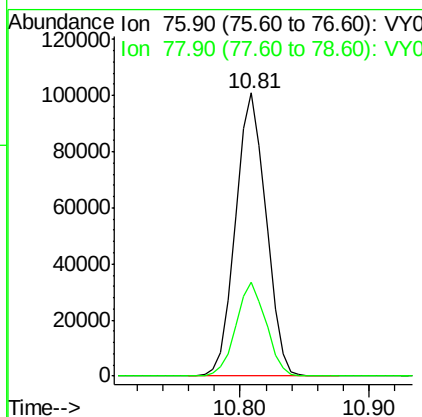
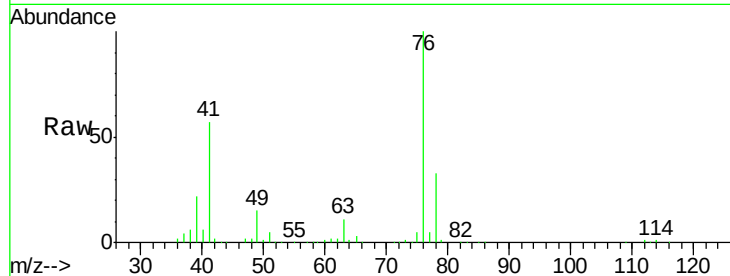
#57
 1,3-Dichloropropane
 Concen: 50.463 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

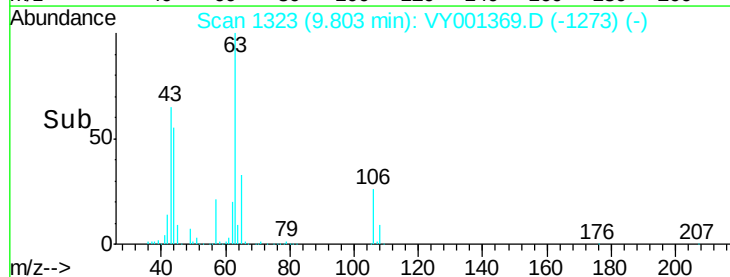
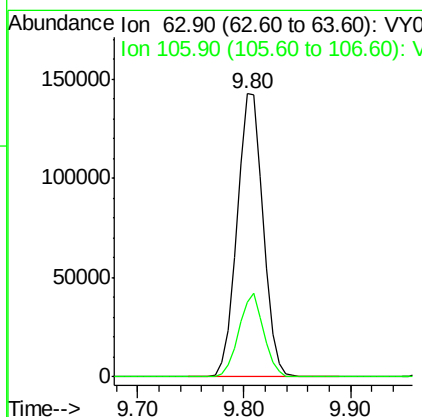
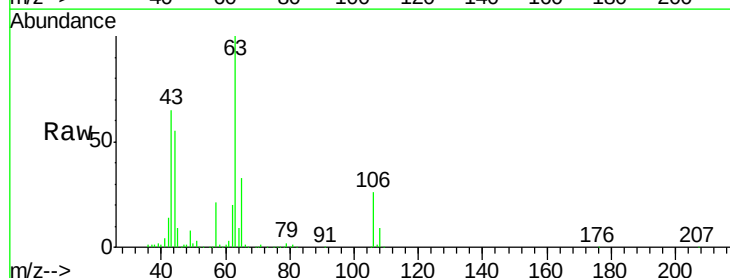
Manual Integrations
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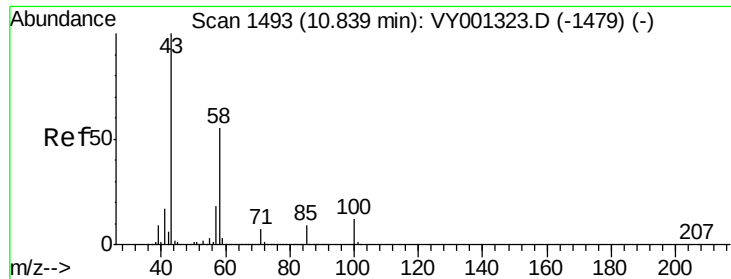
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.181 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.5	33.7





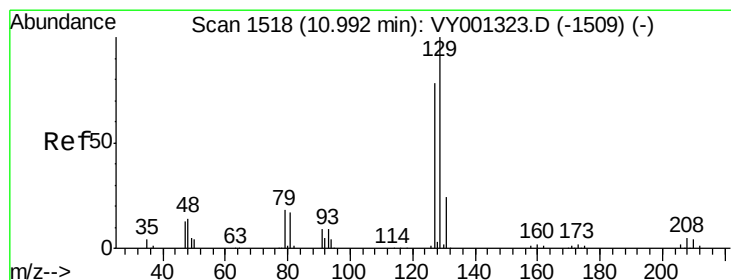
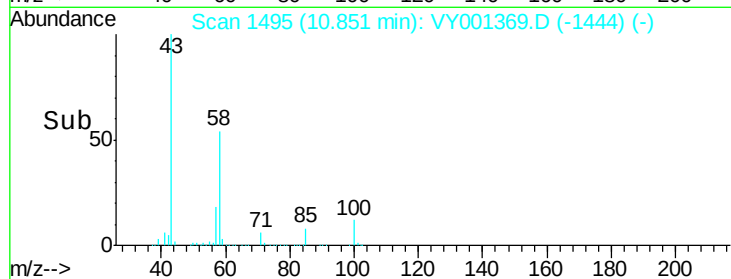
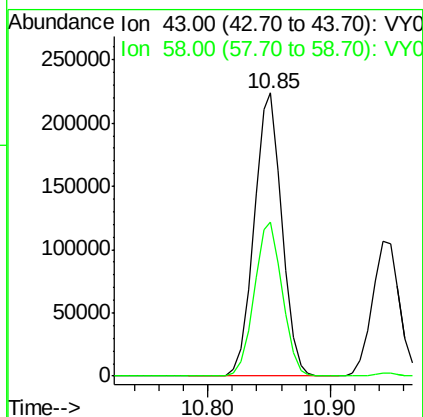
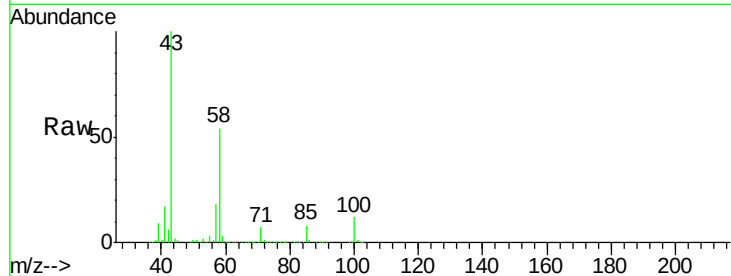
#59
2-Hexanone
Concen: 264.559 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 353006
Ion Ratio Lower Upper
43 100
58 54.9 27.6 82.8

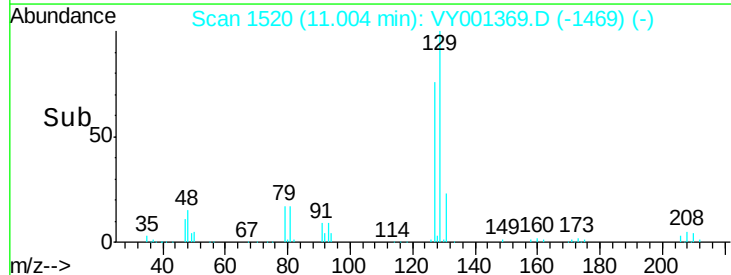
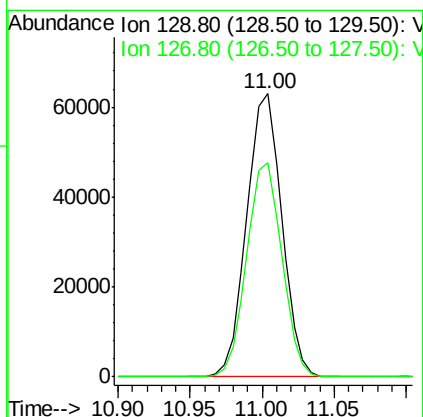
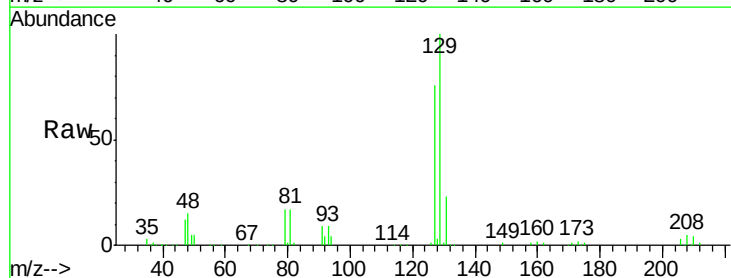
Manual Integrations
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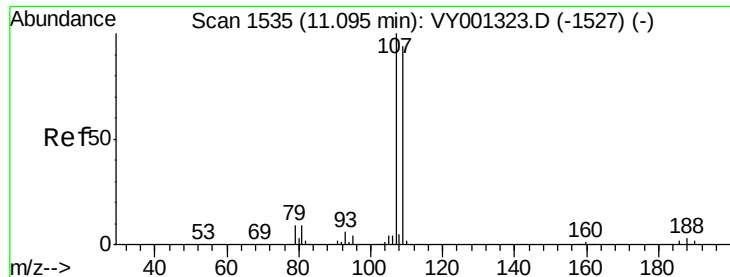
MMDadoda
1/24/2020 4:03:43 PM



#60
Dibromochloromethane
Concen: 50.468 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion: 129 Resp: 106206
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4





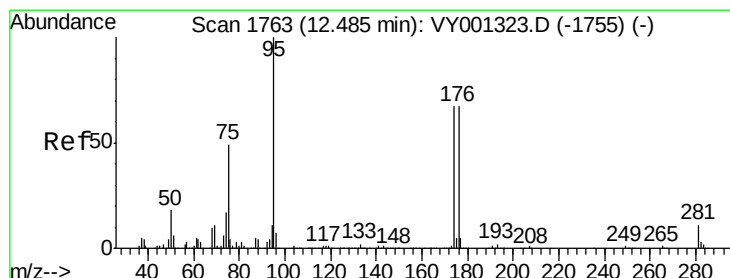
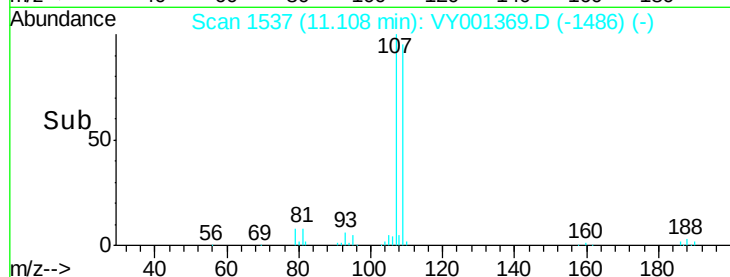
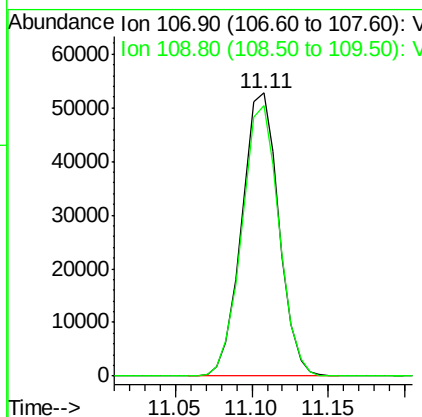
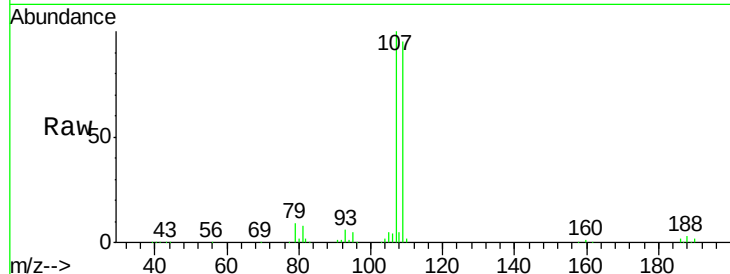
#61
 1,2-Dibromoethane
 Concen: 49.958 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 88863
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.6

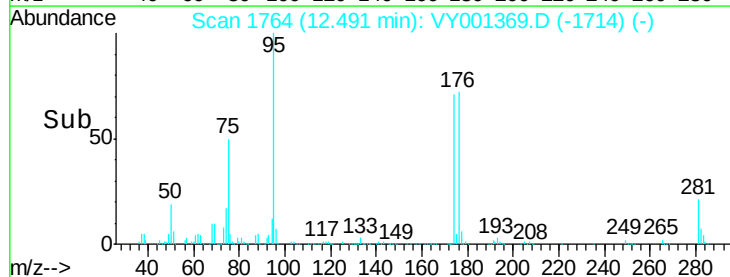
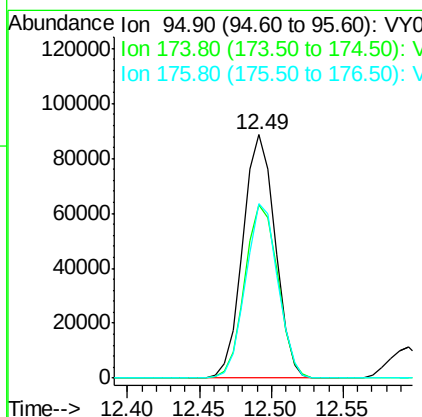
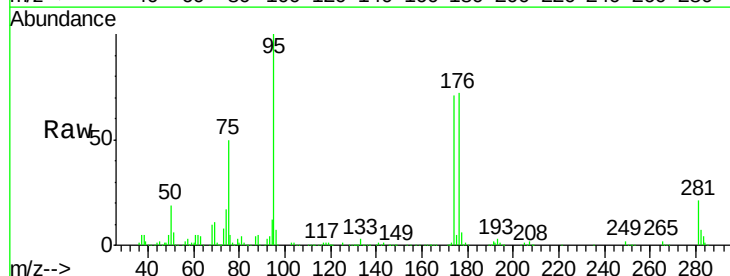
Manual Integrations
 APPROVED

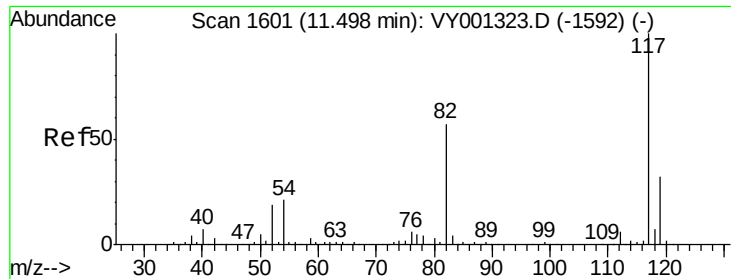
MMDadoda
 1/24/2020 4:03:43 PM



#62
 4-Bromofluorobenzene
 Concen: 45.780 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion: 95 Resp: 137849
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 142.0
 176 71.2 0.0 138.6





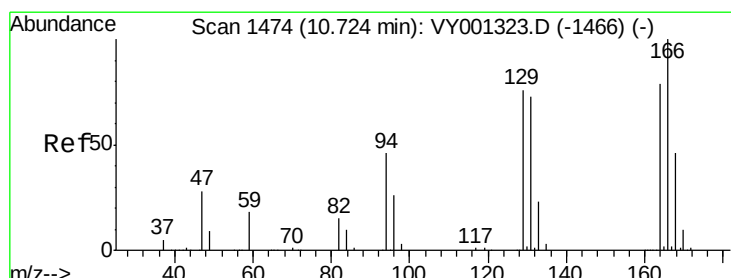
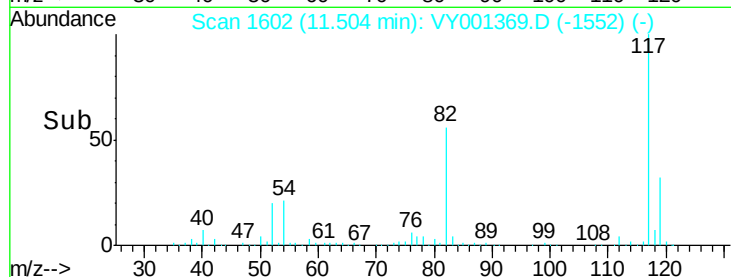
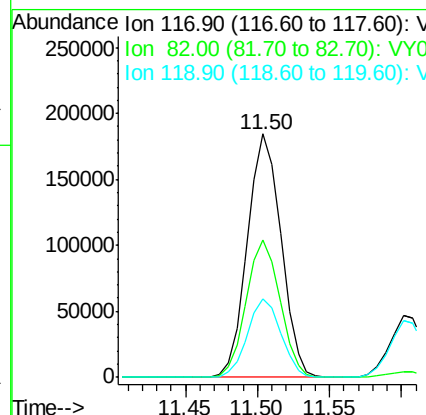
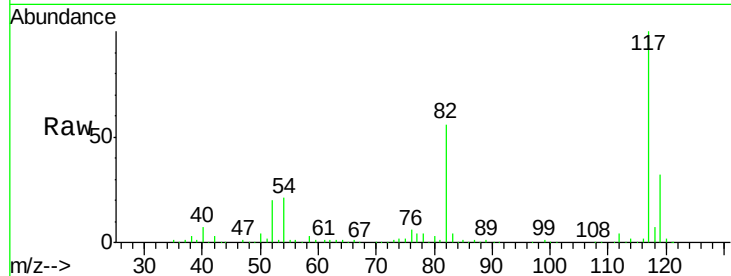
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.5	68.3
119	32.0	25.8	38.6

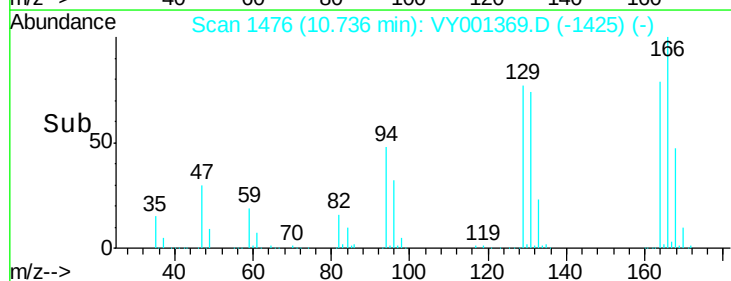
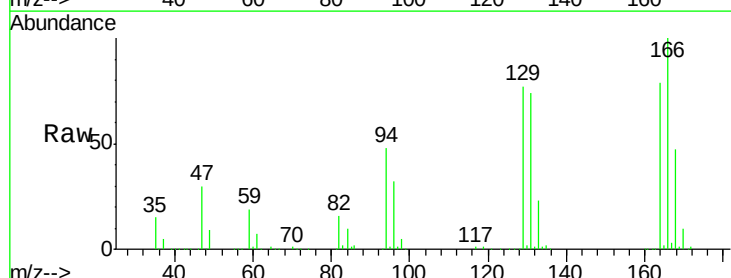
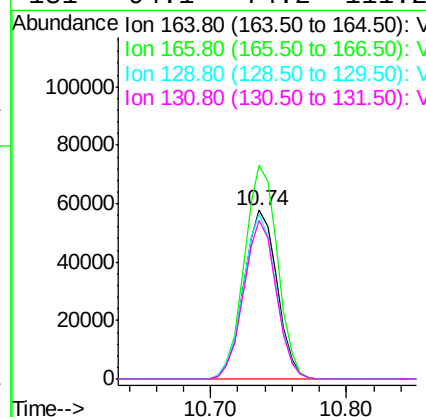
Manual Integrations
APPROVED

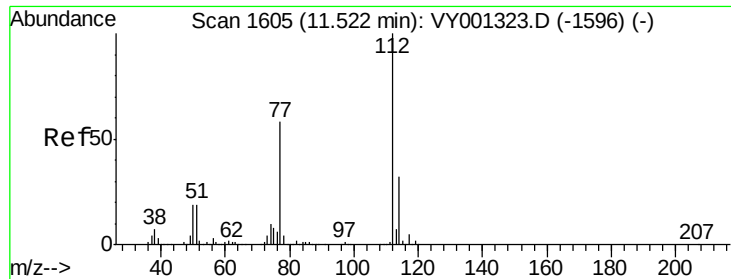
MMDadoda
1/24/2020 4:03:43 PM



#64
Tetrachloroethene
Concen: 51.555 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.8	152.8
129	97.9	77.1	115.7
131	94.1	74.2	111.2





#65

Chlorobenzene

Concen: 48.183 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 303340

Ion Ratio Lower Upper

112 100

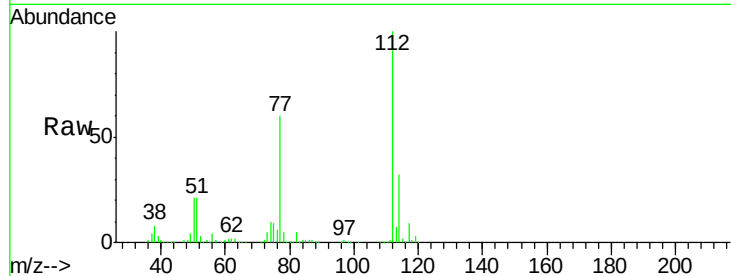
114 32.0 25.8 38.6

Manual Integrations

APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

200000

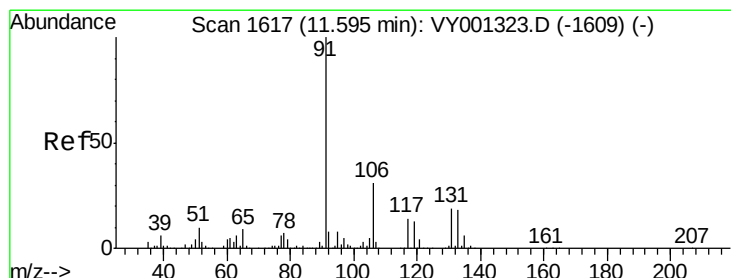
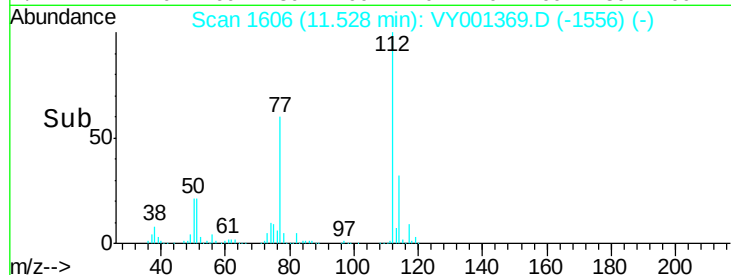
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.417 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

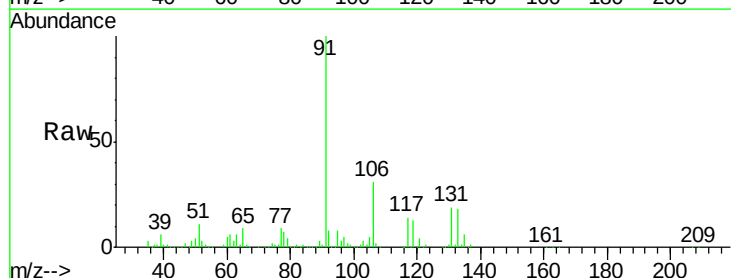
Tgt Ion:131 Resp: 106172

Ion Ratio Lower Upper

131 100

133 95.1 47.1 141.3

119 66.5 34.1 102.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.60

80000

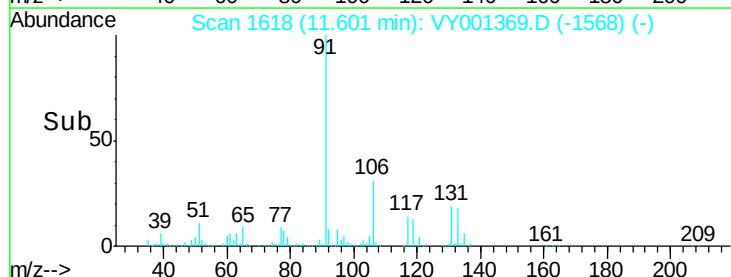
60000

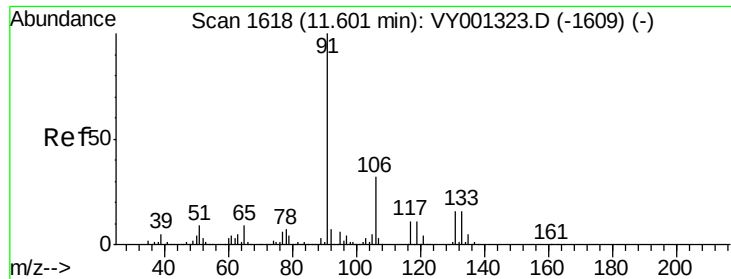
40000

20000

0

Time-->





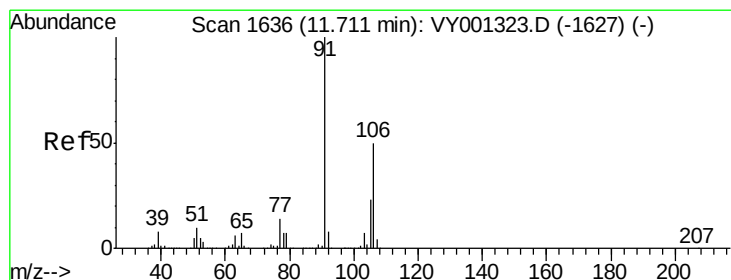
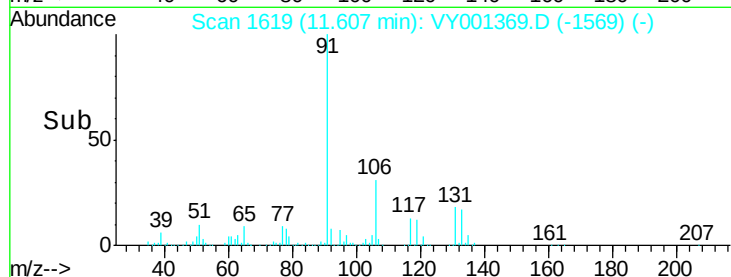
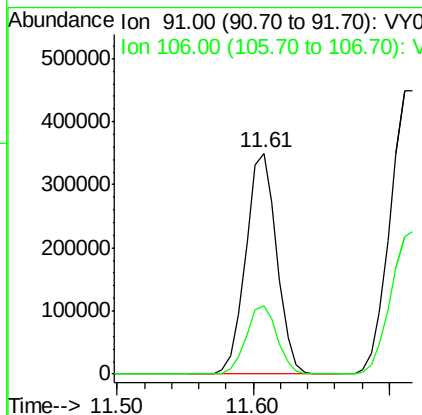
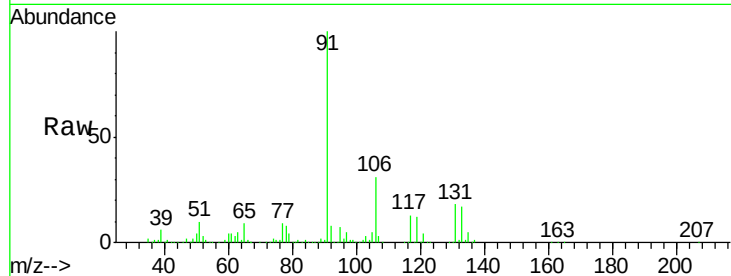
#67
Ethyl Benzene
Concen: 47.832 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	91	Resp	554951
Ion Ratio	100	Lower	Upper
106	31.0	25.4	38.0

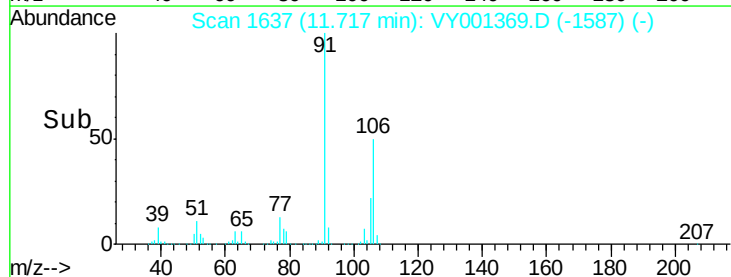
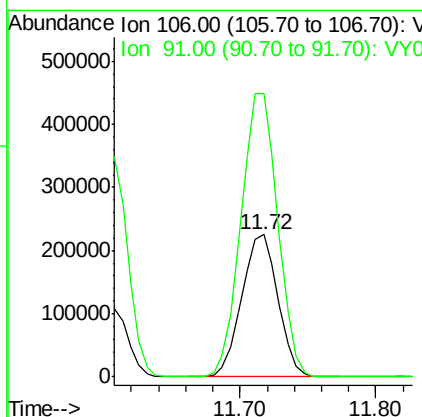
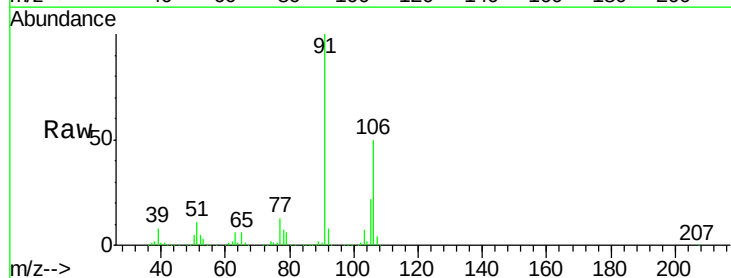
Manual Integrations
APPROVED

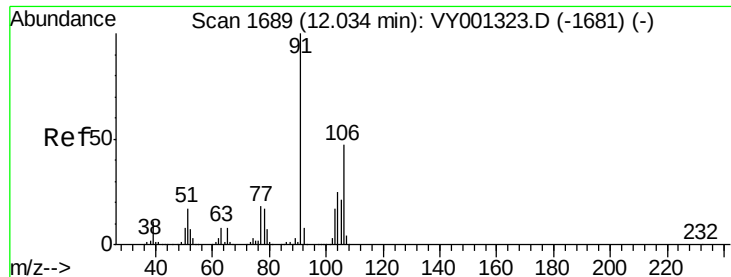
MMDadoda
1/24/2020 4:03:43 PM



#68
m/p-Xylenes
Concen: 96.742 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	106	Resp	419205
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	202.0	162.8	244.2





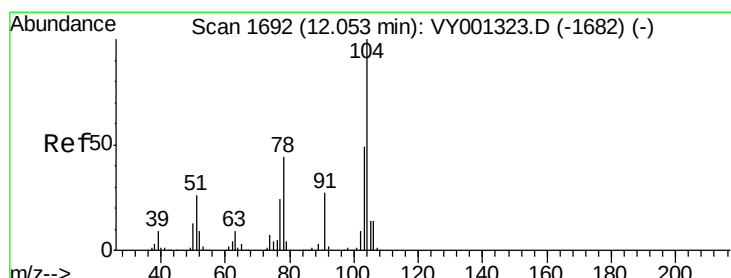
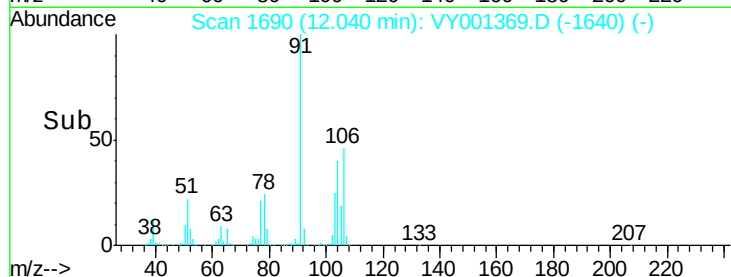
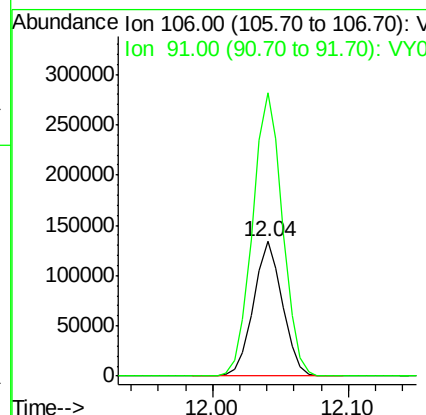
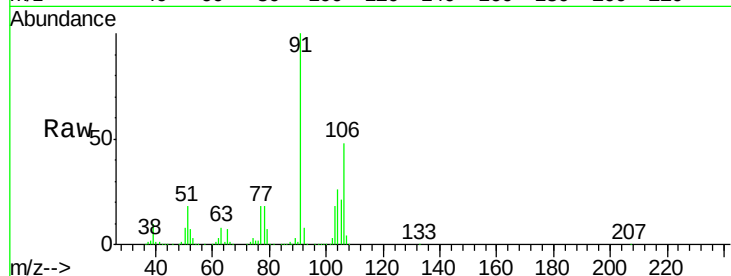
#69
o-Xylene
Concen: 48.136 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.5	106.3	319.0	

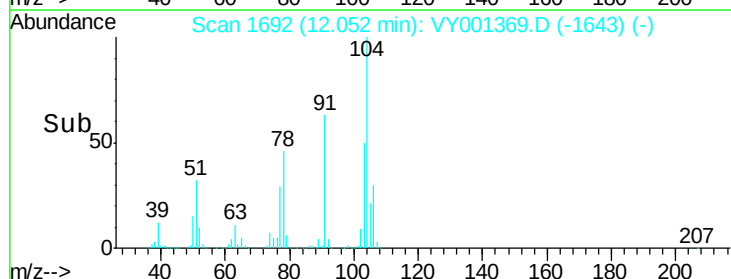
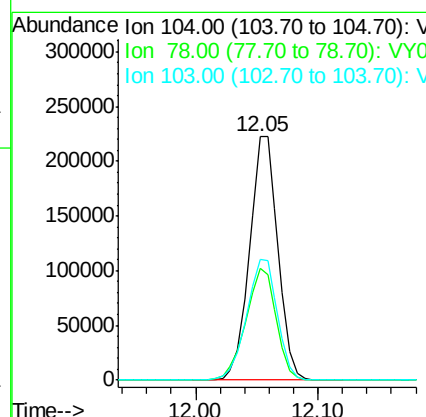
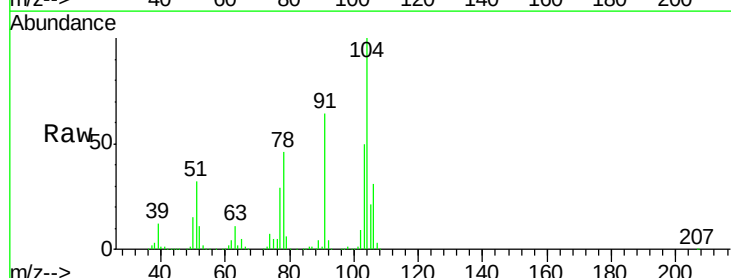
Manual Integrations
APPROVED

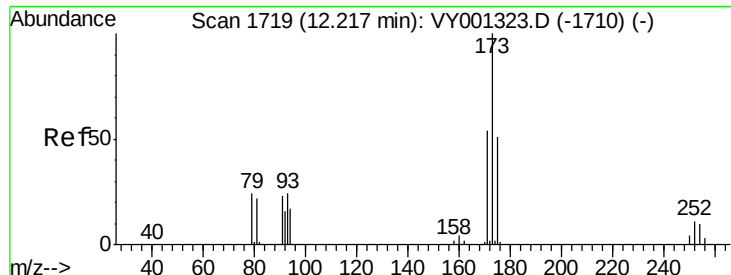
MMDadoda
1/24/2020 4:03:43 PM



#70
Styrene
Concen: 48.908 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.8	39.8	59.8	
103	53.8	43.2	64.8	





#71

Bromoform

Concen: 49.754 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 63810

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.9

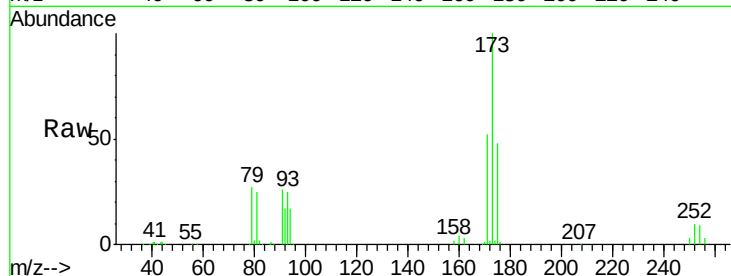
254 0.0 0.0 0.0#

Manual Integrations

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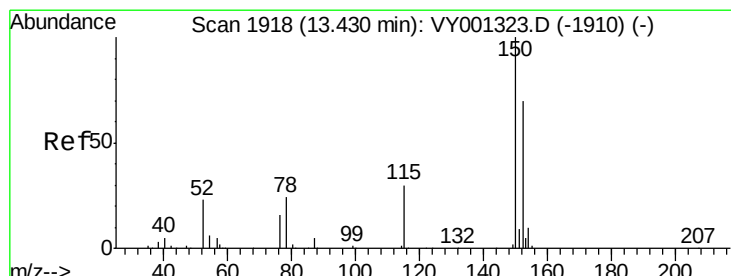
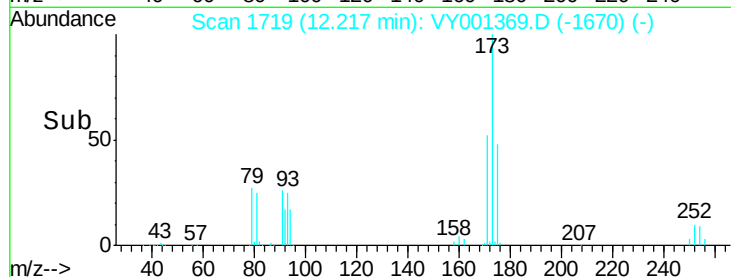
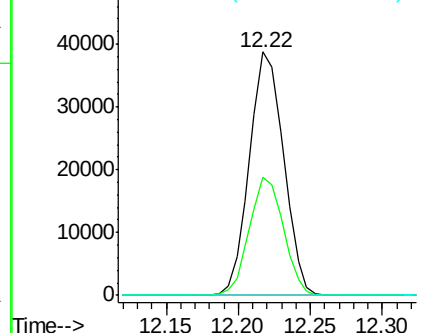
1/24/2020 4:03:43 PM



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: VY001369.D

Acq: 23 Jan 2020 20:51

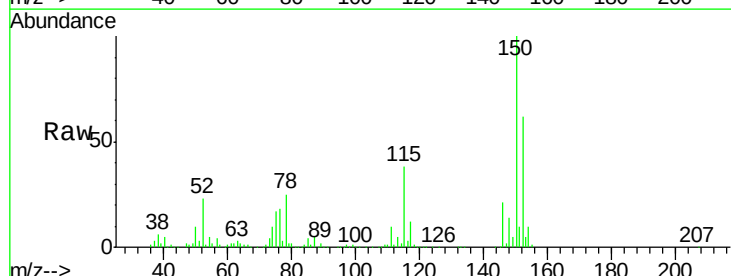
Tgt Ion:152 Resp: 140560

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.8

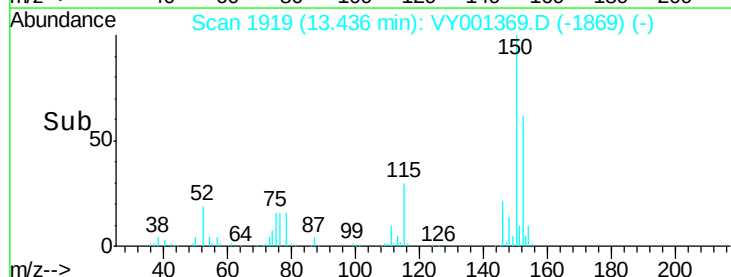
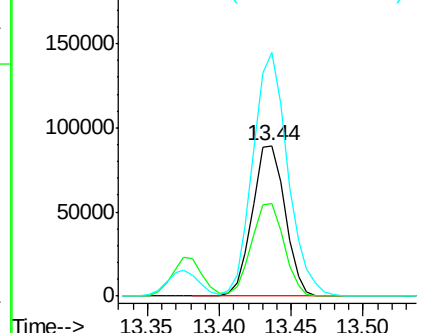
150 172.5 0.0 349.2

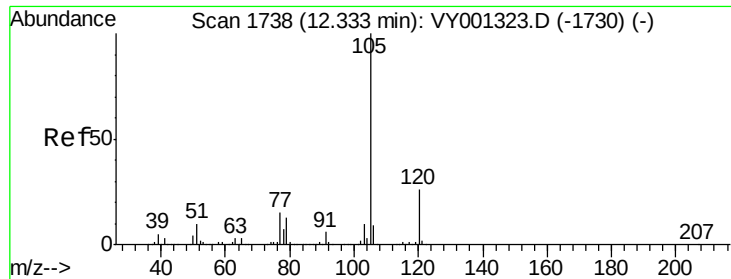


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





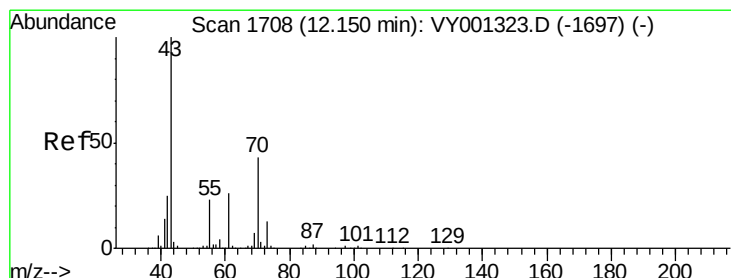
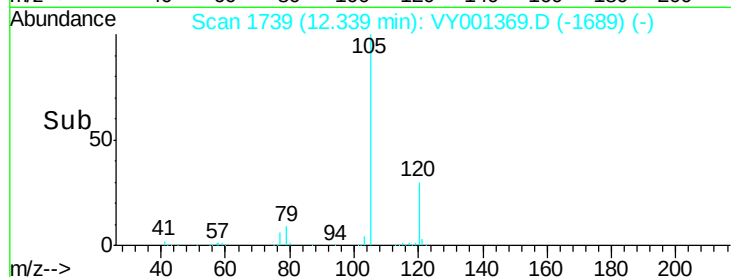
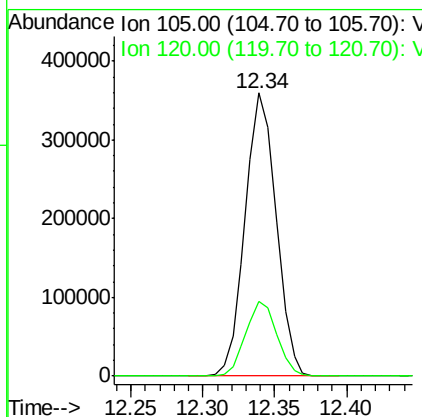
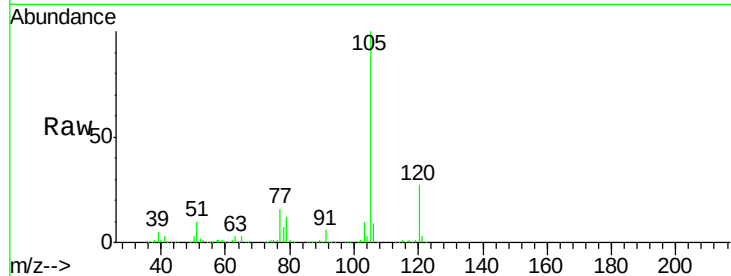
#73
Isopropylbenzene
Concen: 48.400 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	536826		
120	26.7		13.5	40.4

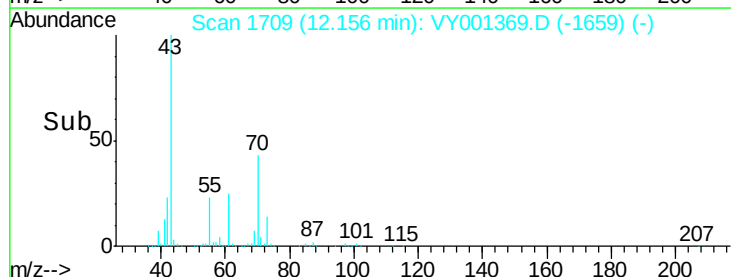
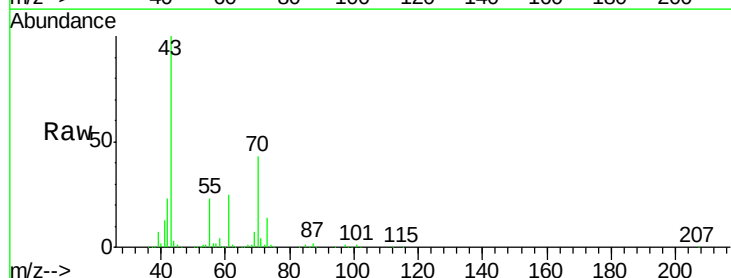
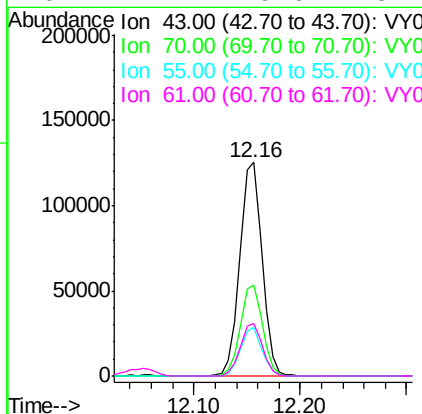
Manual Integrations
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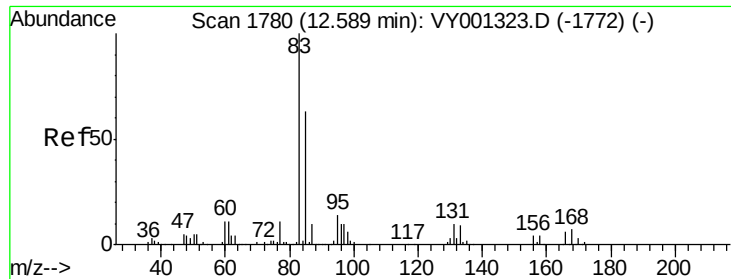
MMDadoda
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#74
N-ethyl acetate
Concen: 51.273 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	186152		
70	42.1		33.5	50.3
55	21.9		18.2	27.2
61	24.4		19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.473 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

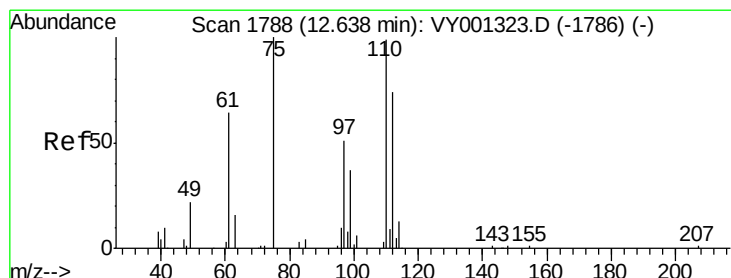
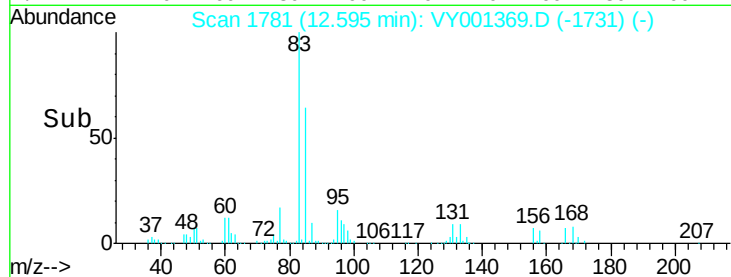
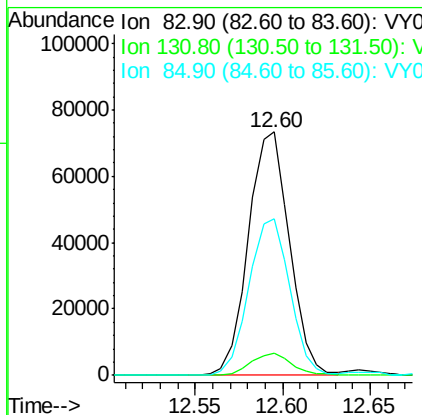
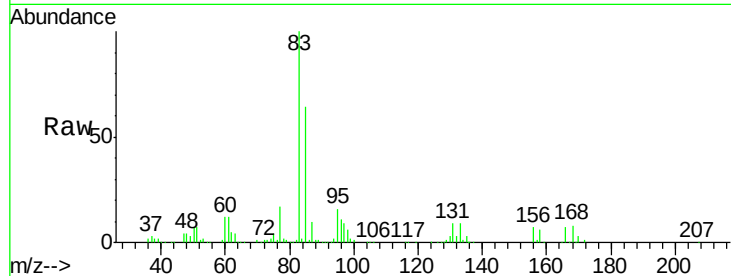
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	119892
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.6
85	64.3	31.4	94.3

Manual Integrations
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1/24/2020 4:03:43 PM



#76

1,2,3-Trichloropropane

Concen: 46.696 ug/l m

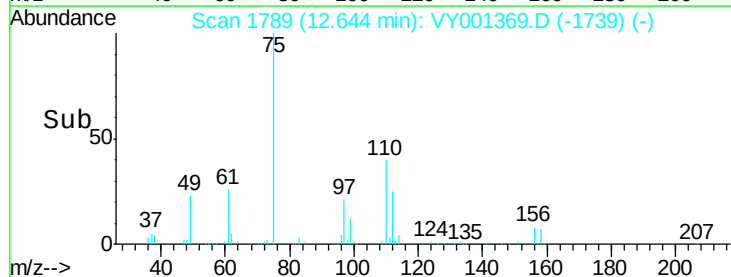
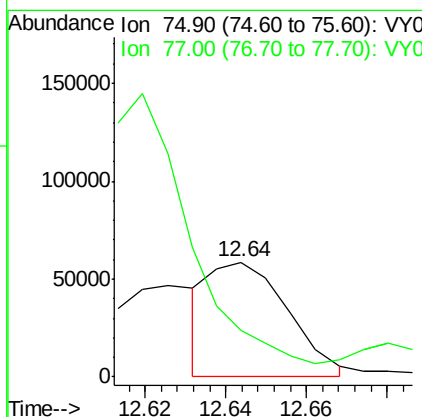
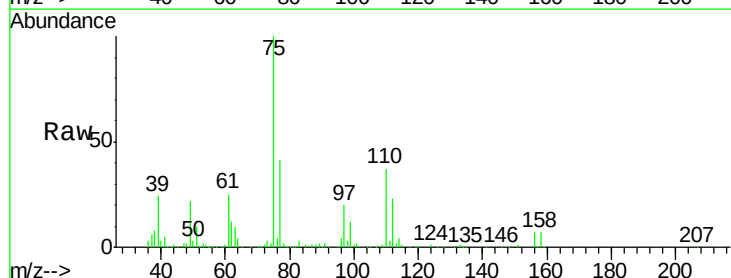
RT: 12.64 min Scan# 1789

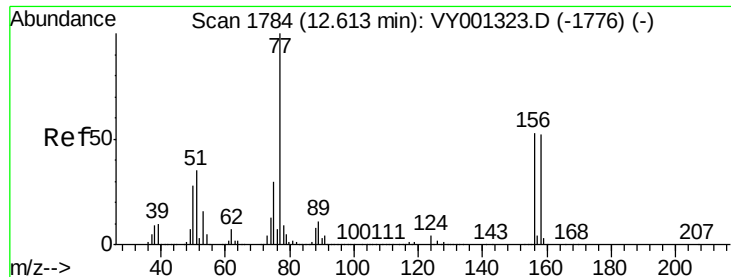
Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	75	Resp:	79091
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.225 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

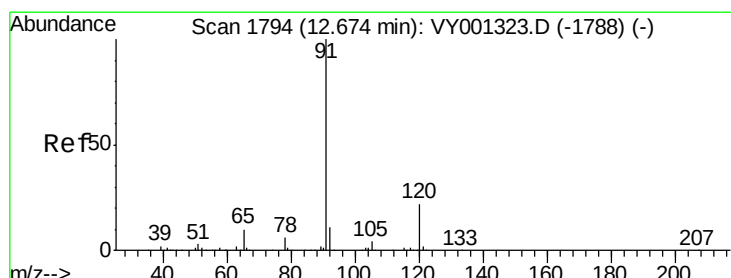
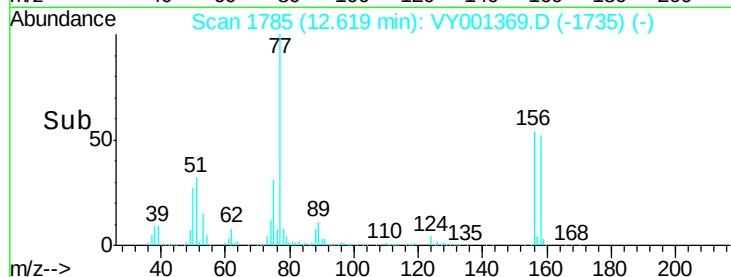
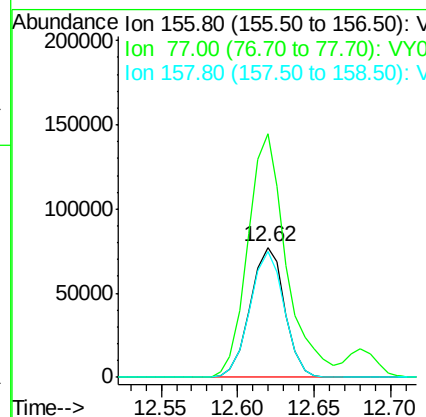
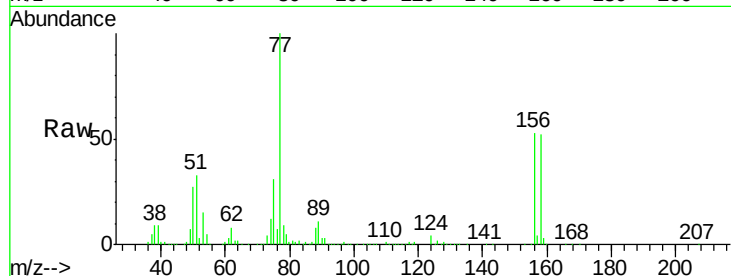
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	120927
Ion Ratio	Lower	Upper	
156	100		
77	209.2	104.7	313.9
158	96.6	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 48.863 ug/l

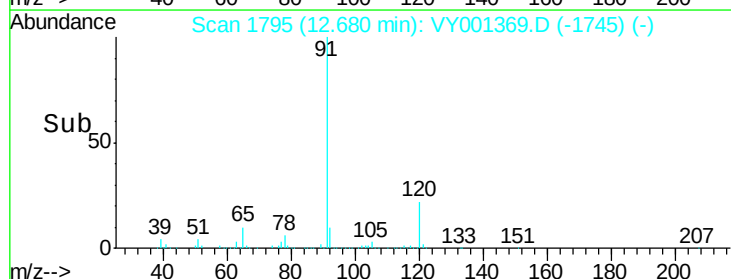
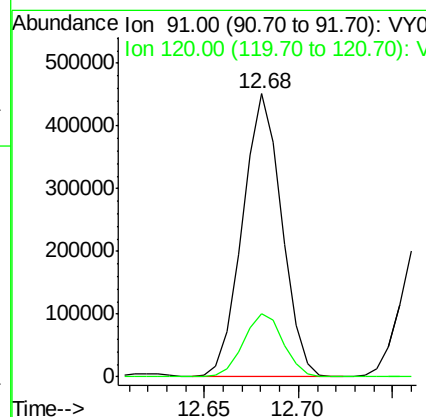
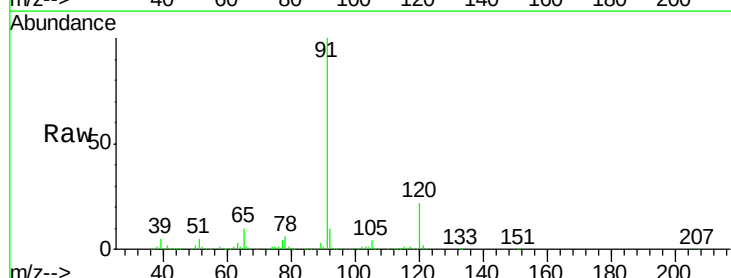
RT: 12.68 min Scan# 1795

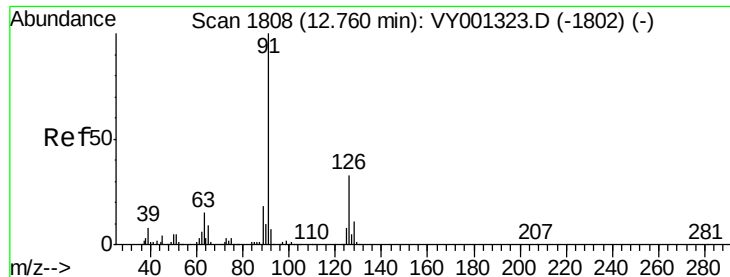
Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	91	Resp:	652325
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.8





#79

2-Chlorotoluene

Concen: 48.574 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 370458

Ion Ratio Lower Upper

91 100

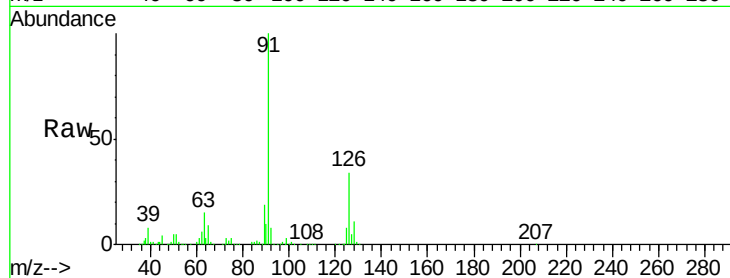
126 33.3 16.6 49.7

Manual Integrations

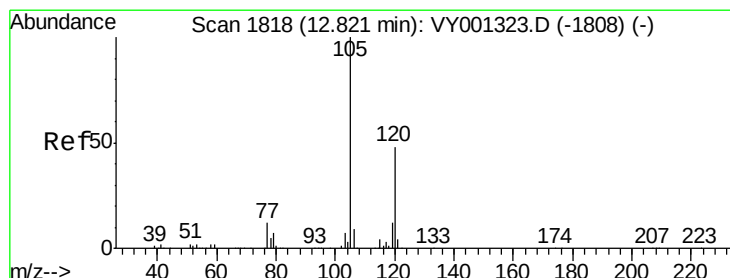
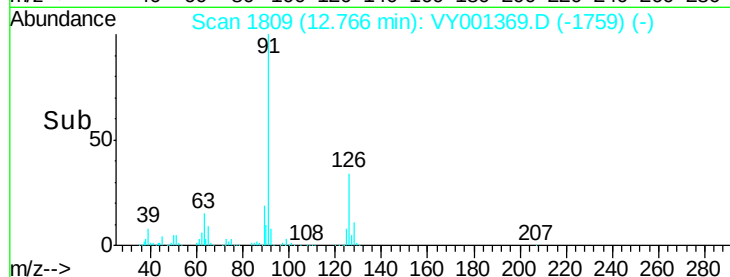
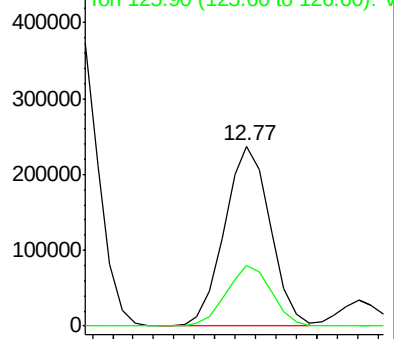
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Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.555 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001369.D

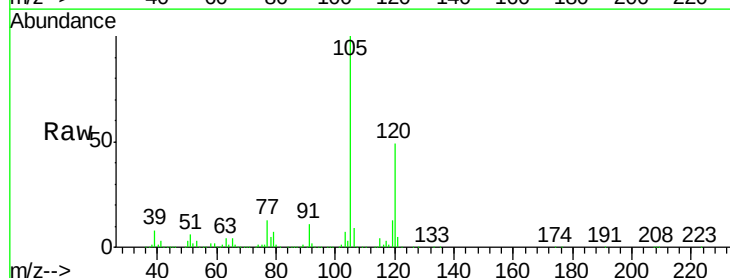
Acq: 23 Jan 2020 20:51

Tgt Ion: 105 Resp: 449530

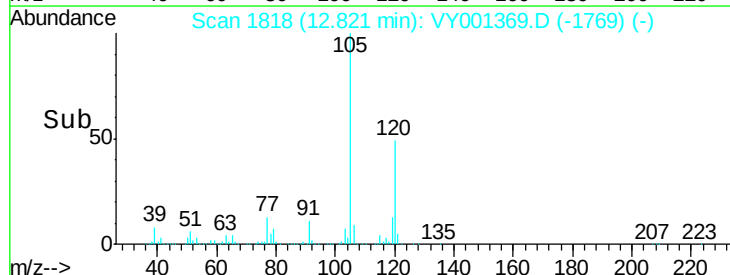
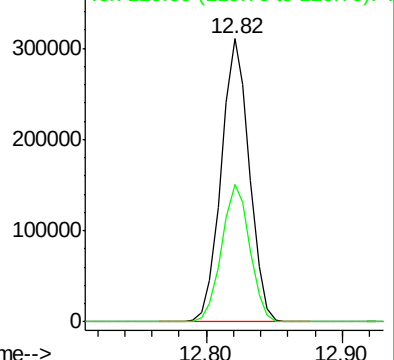
Ion Ratio Lower Upper

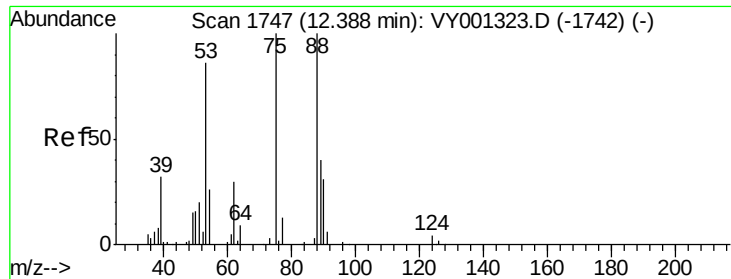
105 100

120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.710 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

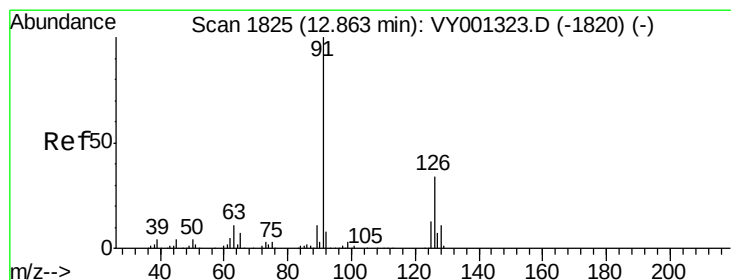
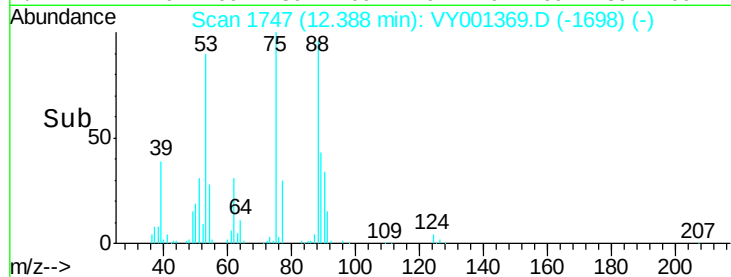
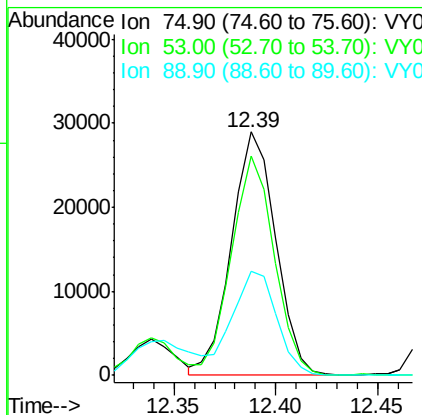
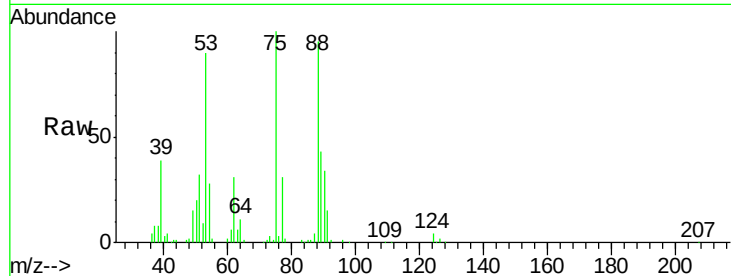
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	43597
Ion	Ratio	Lower	Upper
75	100		
53	87.5	69.9	104.9
89	43.6	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.296 ug/l

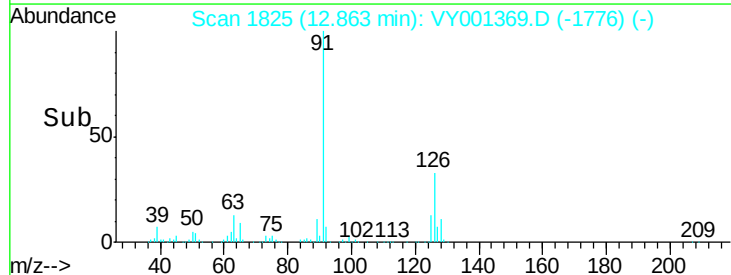
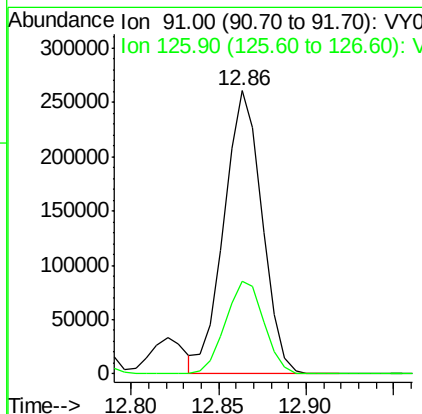
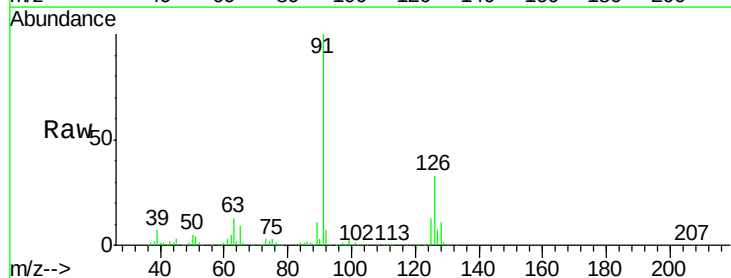
RT: 12.86 min Scan# 1825

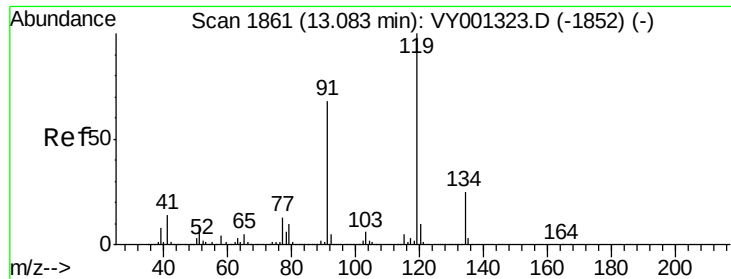
Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	91	Resp:	393442
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4





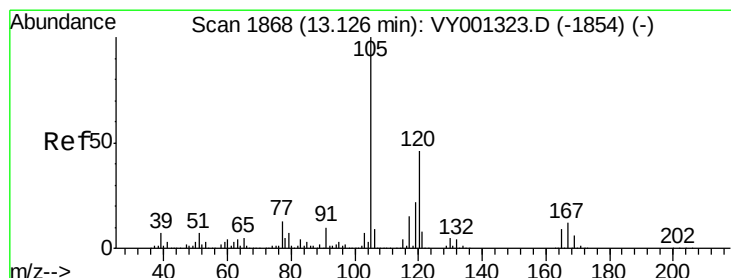
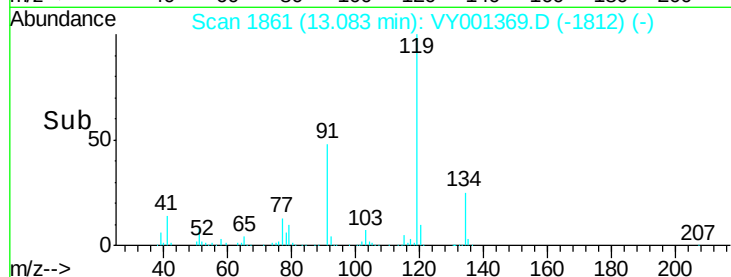
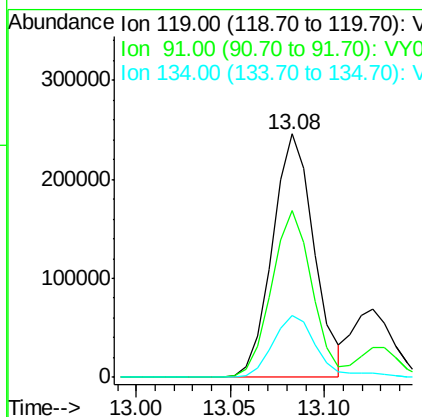
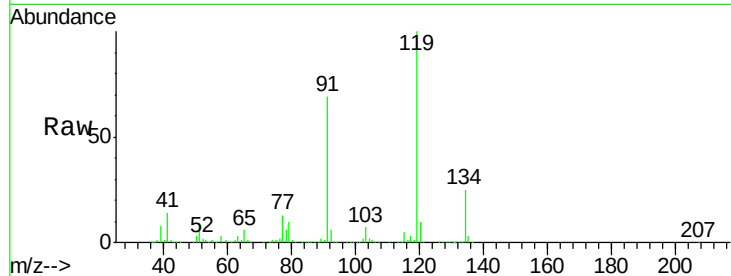
#83
 tert-Butylbenzene
 Concen: 48.247 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.0	99.0
134	27.1	13.3	39.9

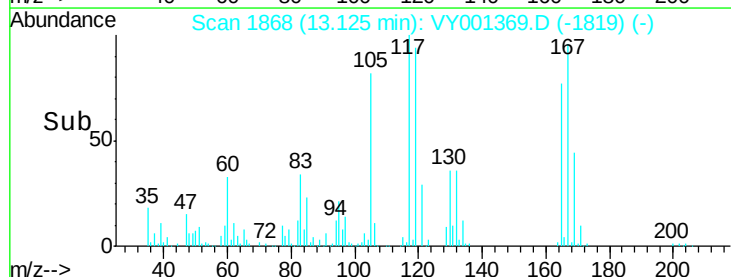
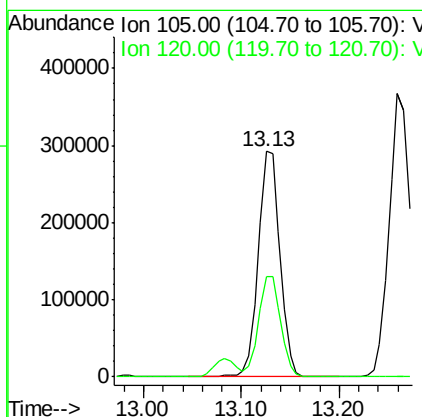
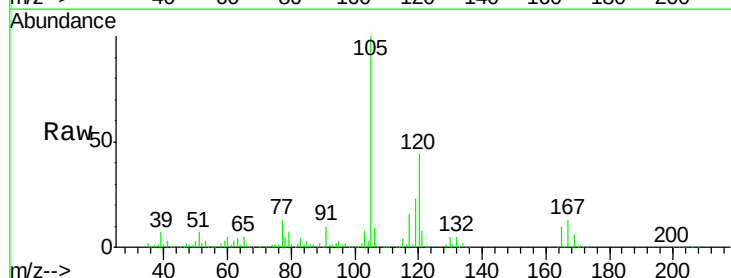
Manual Integrations
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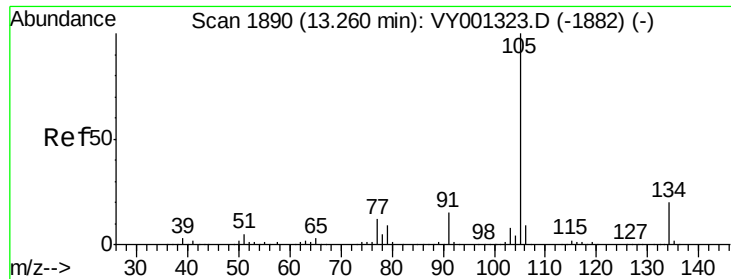
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.330 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 49.255 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 546134

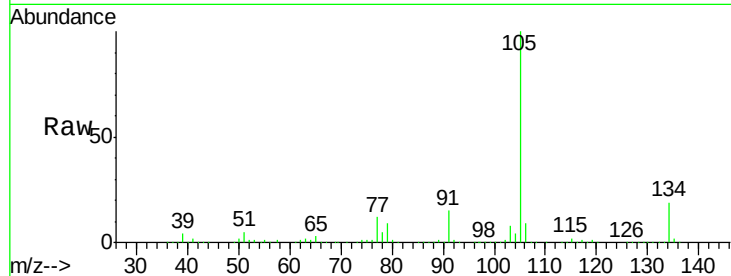
Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4

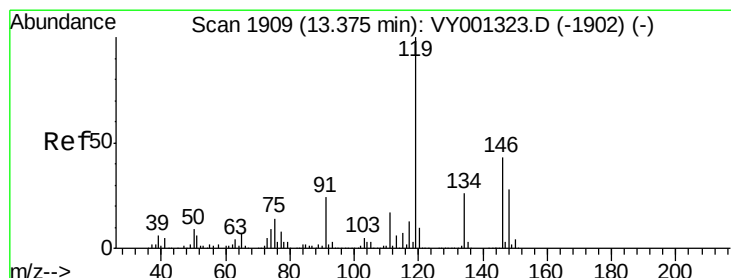
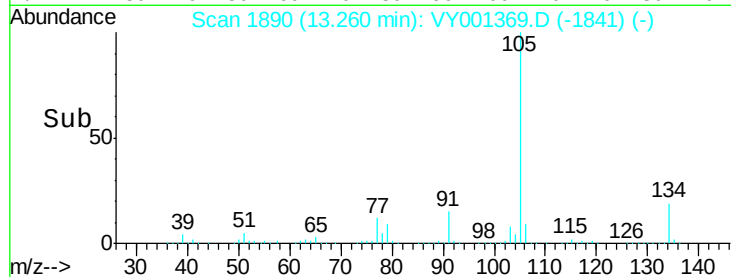
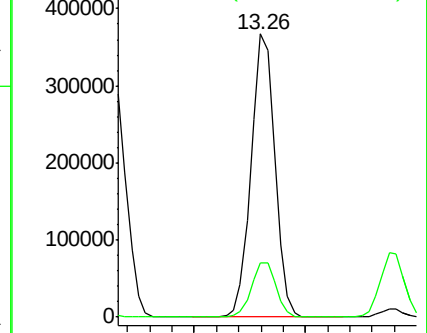
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.562 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

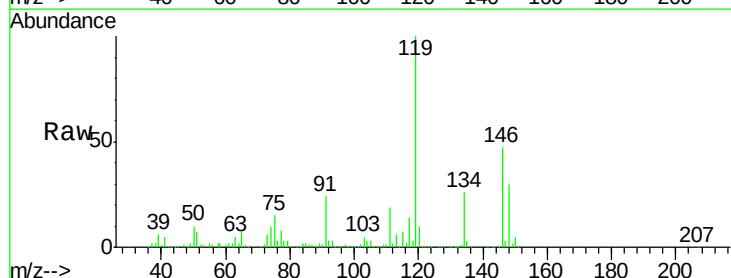
Tgt Ion:119 Resp: 474501

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

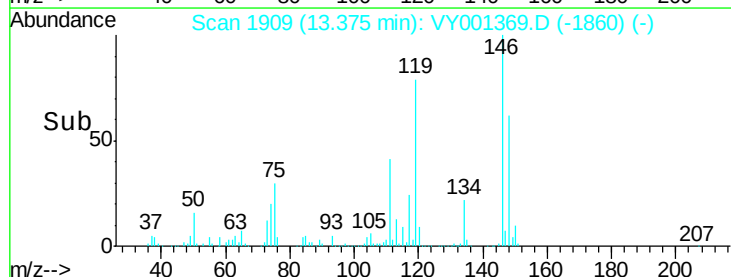
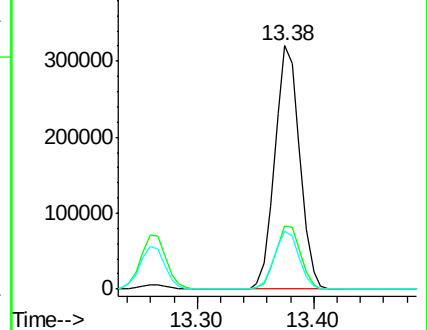
91 23.9 12.2 36.6

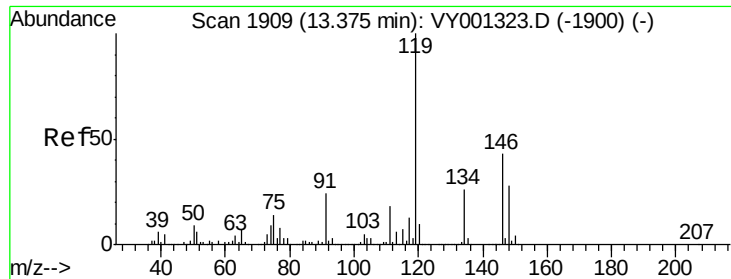


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





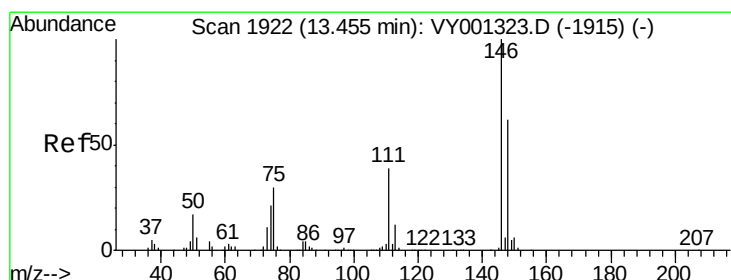
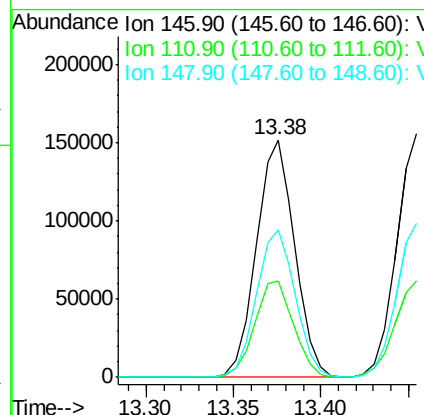
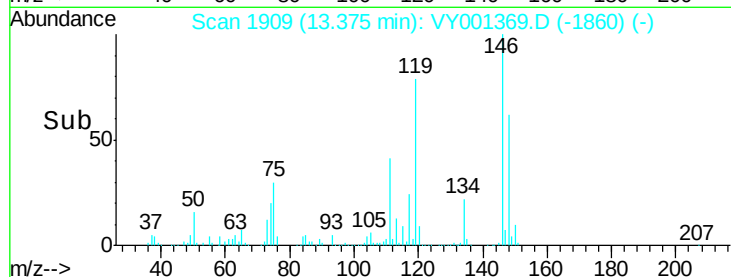
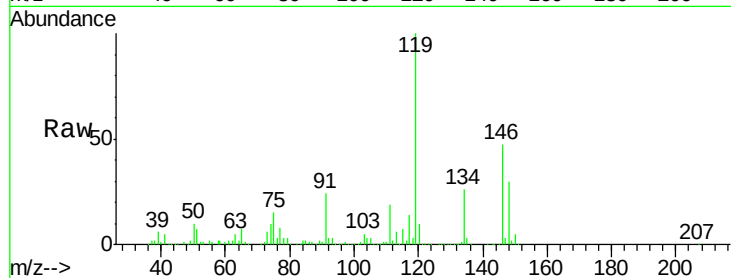
#87
 1,3-Dichlorobenzene
 Concen: 48.608 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.1	31.6	95.0

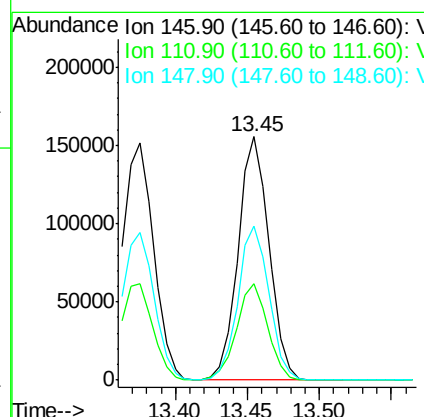
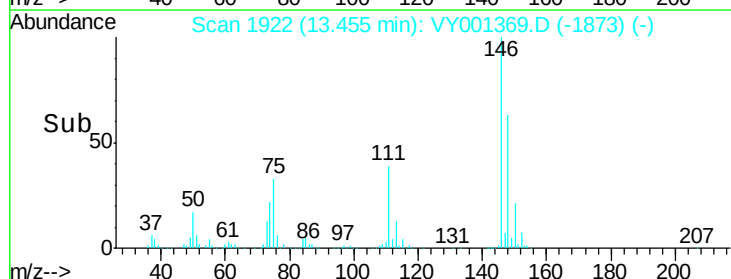
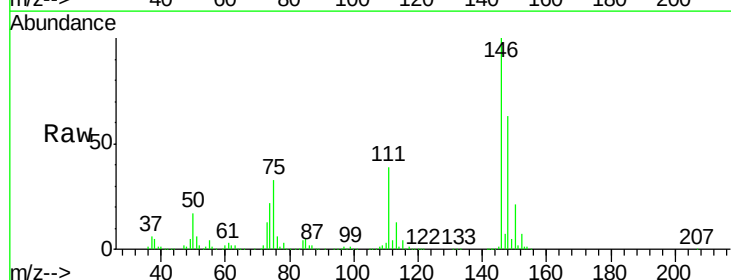
Manual Integrations
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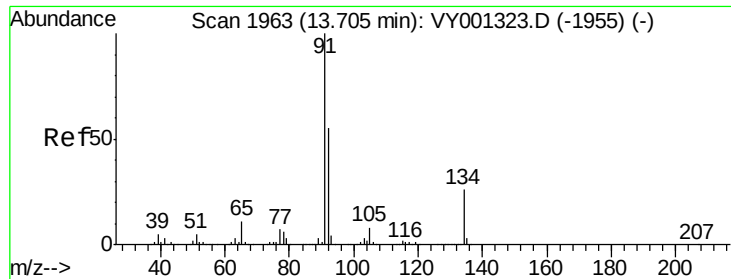
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#88
 1,4-Dichlorobenzene
 Concen: 48.443 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.5
148	63.6	31.6	95.0





#89

n-Butylbenzene

Concen: 48.514 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Instrument :

MSVOA_Y

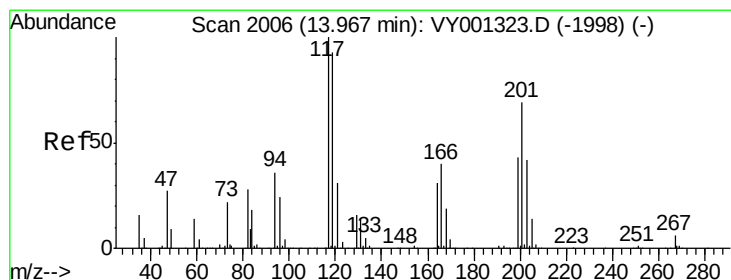
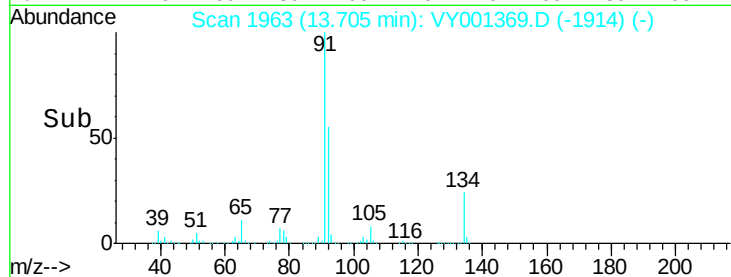
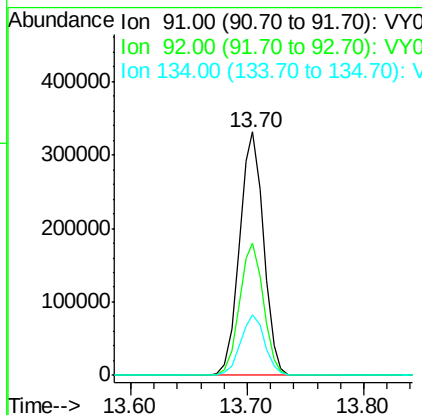
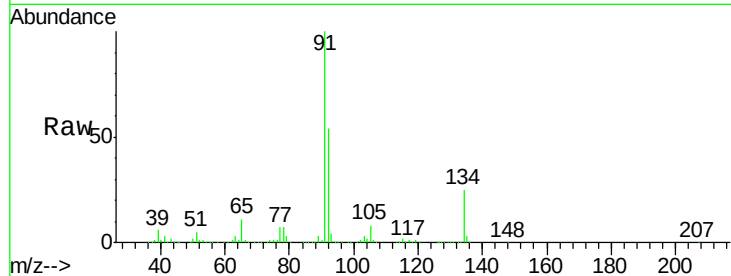
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	477069
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.8
134	24.6	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 49.074 ug/l

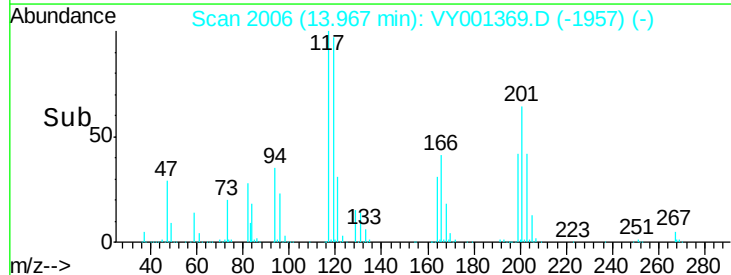
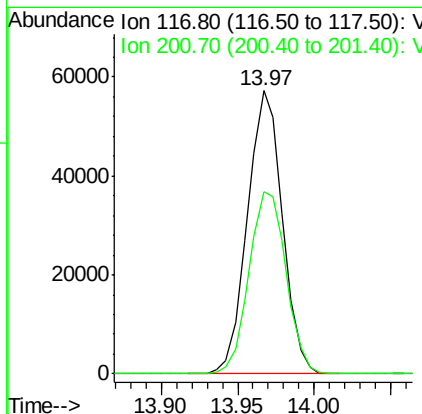
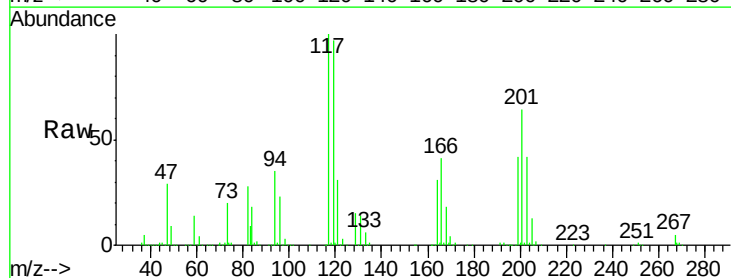
RT: 13.97 min Scan# 2006

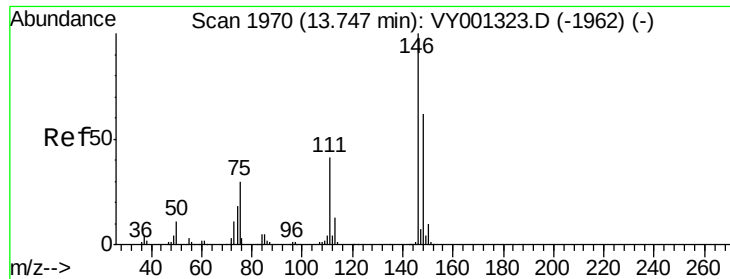
Delta R.T. -0.00 min

Lab File: VY001369.D

Acq: 23 Jan 2020 20:51

Tgt Ion:	117	Resp:	90891
Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.6	103.8





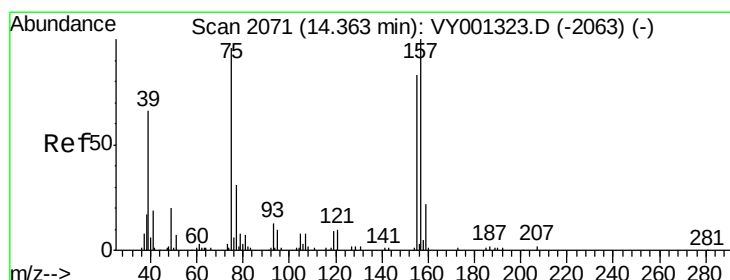
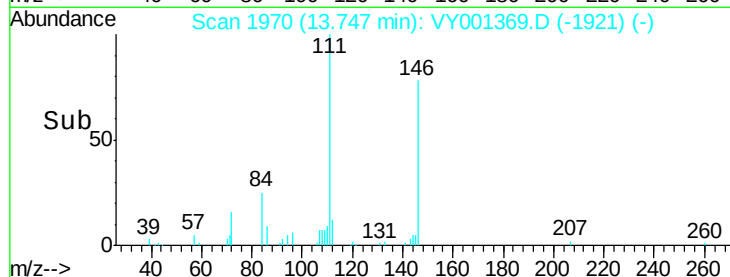
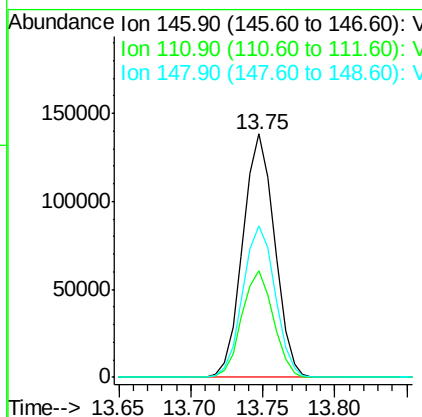
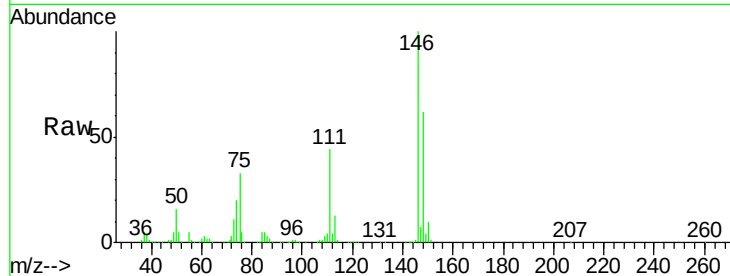
#91
 1,2-Dichlorobenzene
 Concen: 48.481 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.4
148	63.5	31.5	94.5

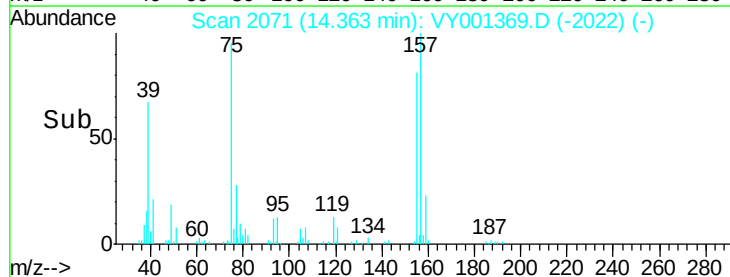
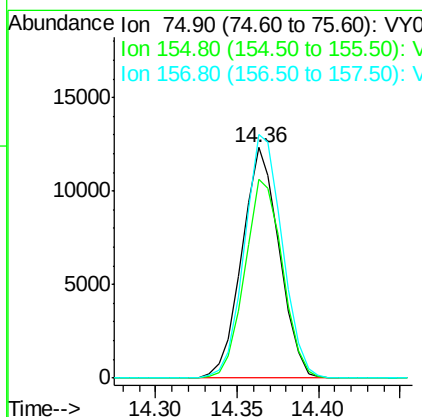
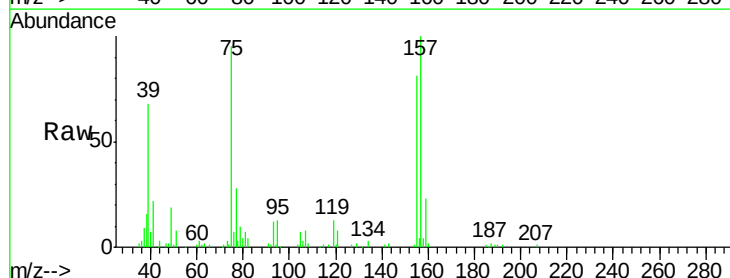
Manual Integrations
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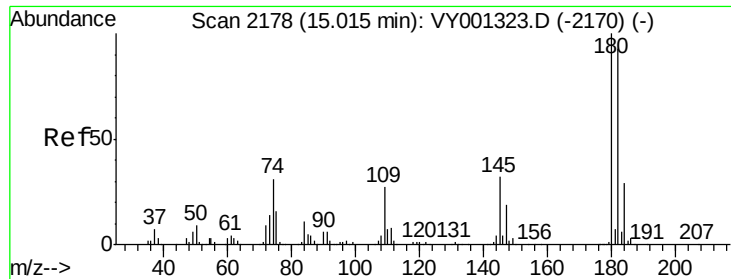
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.847 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001369.D
 Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	43.0	129.2
157	106.8	53.3	160.0





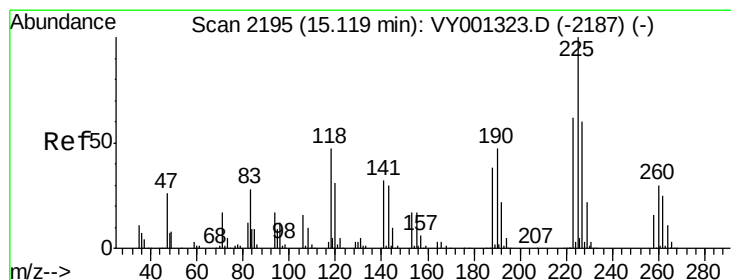
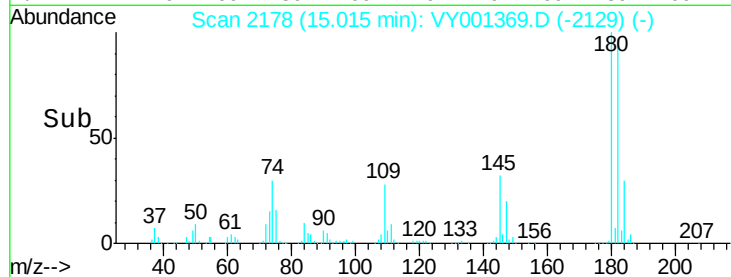
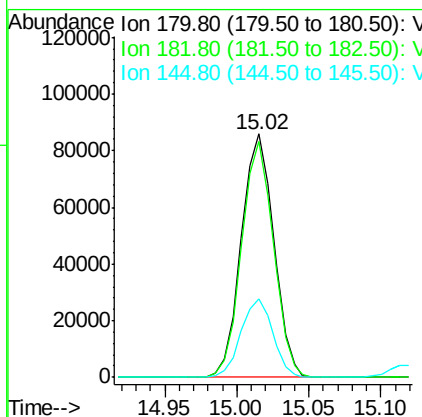
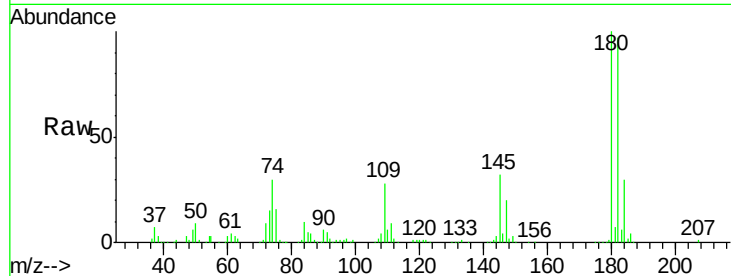
#93
1,2,4-Trichlorobenzene
Concen: 45.845 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.8
145	31.8	16.3	48.9

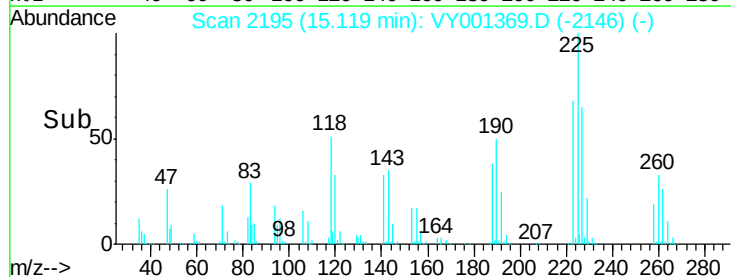
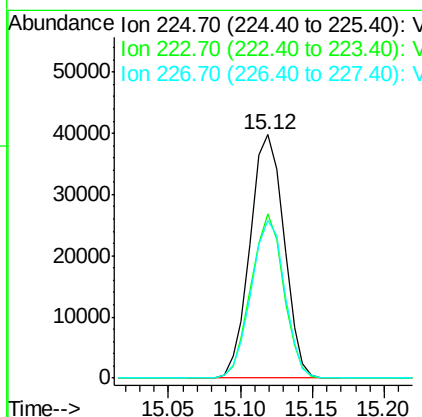
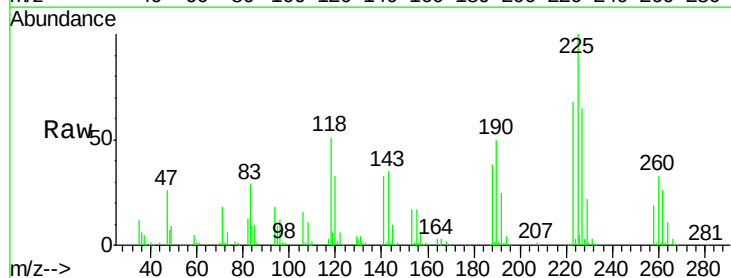
Manual Integrations
APPROVED

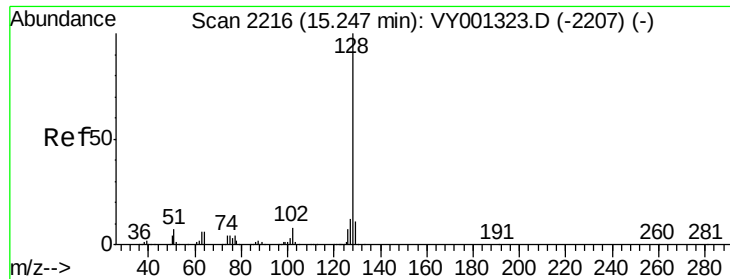
MMDadoda
1/24/2020 4:03:43 PM



#94
Hexachlorobutadiene
Concen: 45.620 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.2	93.6
227	64.1	31.0	93.0





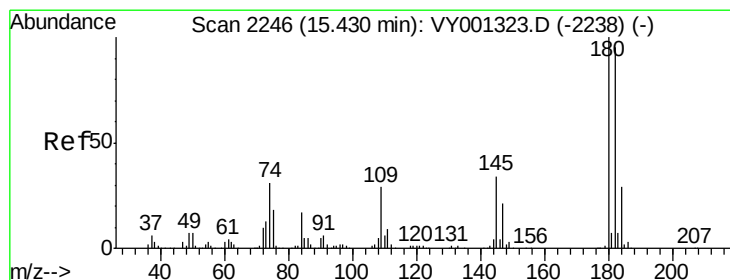
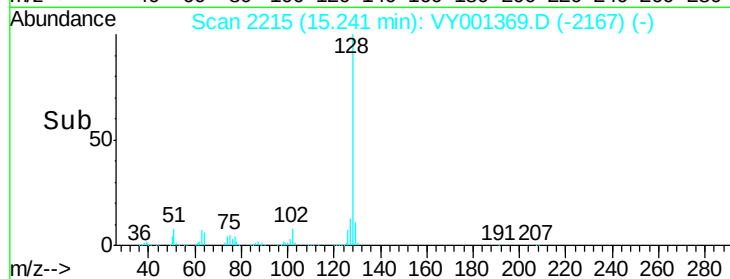
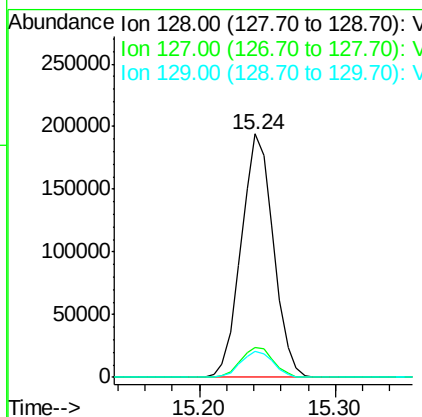
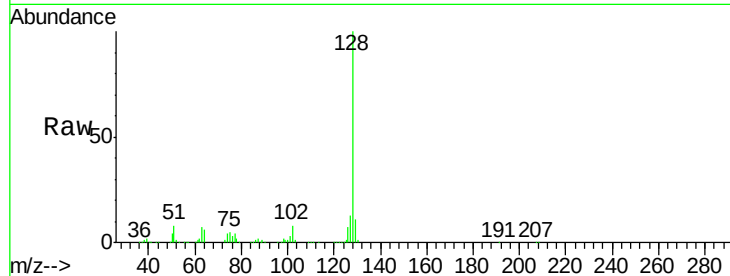
#95
Naphthalene
Concen: 47.850 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	320421		
127	12.6		10.2	15.2
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/24/2020 4:03:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.804 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001369.D
Acq: 23 Jan 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120236		
182	94.5		47.3	141.8
145	33.5		16.8	50.3

