

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001932.D
 Acq On : 10 Mar 2020 19:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:22:44 PM

Quant Time: Mar 11 05:13:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	151644	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	286487	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	260986	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	122183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	87628	54.13	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.73	113	82581	52.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.19	98	338832	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.49	95	119199	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	62010	44.300	ug/l	95
3) Chloromethane	2.12	50	89150	47.239	ug/l	99
4) Vinyl Chloride	2.26	62	91232	47.526	ug/l	99
5) Bromomethane	2.66	94	62190	56.192	ug/l	97
6) Chloroethane	2.80	64	60100	49.840	ug/l	96
7) Trichlorofluoromethane	3.13	101	124521	47.830	ug/l	97
8) Diethyl Ether	3.54	74	52976	51.630	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	82206	49.094	ug/l	99
10) Methyl Iodide	4.11	142	95929	49.539	ug/l	99
11) Tert butyl alcohol	4.97	59	50162	302.490	ug/l	99
12) 1,1-Dichloroethene	3.88	96	82747	49.078	ug/l	99
13) Acrolein	3.74	56	61062	268.412	ug/l	98
14) Allyl chloride	4.50	41	155947	52.174	ug/l	99
15) Acrylonitrile	5.18	53	144286	263.152	ug/l	99
16) Acetone	3.96	43	103710	219.948	ug/l	95
17) Carbon Disulfide	4.21	76	267598	47.214	ug/l	99
18) Methyl Acetate	4.49	43	63056	52.046	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	241572	52.872	ug/l	99
20) Methylene Chloride	4.74	84	101299	50.127	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	97277	50.833	ug/l	95
22) Diisopropyl ether	6.14	45	330681	53.972	ug/l	98
23) Vinyl Acetate	6.08	43	1082719	269.563	ug/l	99
24) 1,1-Dichloroethane	6.04	63	171346	51.643	ug/l	99
25) 2-Butanone	7.00	43	177997	248.233	ug/l	99
26) 2,2-Dichloropropane	7.00	77	135557	49.778	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	109518	52.612	ug/l	99
28) Bromochloromethane	7.35	49	81631	54.584	ug/l	99
29) Tetrahydrofuran	7.36	42	123347	259.040	ug/l	100
30) Chloroform	7.52	83	164390	52.736	ug/l	99
31) Cyclohexane	7.80	56	170020	47.792	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	134707	51.271	ug/l	99
36) 1,1-Dichloropropene	7.93	75	132065	47.904	ug/l	99
37) Ethyl Acetate	7.09	43	81627	50.944	ug/l	100
38) Carbon Tetrachloride	7.91	117	115908	49.216	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	173419	47.427	ug/l	97
40) Benzene	8.17	78	405960	49.681	ug/l	99
41) Methacrylonitrile	7.34	41	47967m	66.520	ug/l	
42) 1,2-Dichloroethane	8.25	62	107821	51.206	ug/l	99
43) Isopropyl Acetate	8.28	43	156292	51.520	ug/l	99
44) Trichloroethene	8.95	130	96548	48.515	ug/l	99
45) 1,2-Dichloropropane	9.22	63	105488	51.354	ug/l	98
46) Dibromomethane	9.31	93	54596	51.576	ug/l	97
47) Bromodichloromethane	9.50	83	128368	52.131	ug/l	100
48) Methyl methacrylate	9.30	41	69284	51.470	ug/l	94
49) 1,4-Dioxane	9.30	88	14470	997.605	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	407671	260.906	ug/l	99
52) Toluene	10.25	92	247848	49.930	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	139086	51.845	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	164640	51.552	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	79312	51.196	ug/l	98
56) Ethyl methacrylate	10.52	69	121390	53.459	ug/l	98
57) 1,3-Dichloropropane	10.80	76	142025	51.431	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	196137	246.659	ug/l	100
59) 2-Hexanone	10.83	43	276643	248.053	ug/l	99
60) Dibromochloromethane	10.99	129	85531	52.396	ug/l	99
61) 1,2-Dibromoethane	11.10	107	76253	51.963	ug/l	100
64) Tetrachloroethene	10.72	164	78017	47.667	ug/l	97
65) Chlorobenzene	11.52	112	254737	48.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	86582	50.771	ug/l	98
67) Ethyl Benzene	11.60	91	481197	49.616	ug/l	98
68) m/p-Xylenes	11.70	106	356963	99.554	ug/l	99
69) o-Xylene	12.03	106	169505	50.156	ug/l	100
70) Styrene	12.05	104	297240	51.353	ug/l	99
71) Bromoform	12.21	173	48066	51.973	ug/l #	100
73) Isopropylbenzene	12.33	105	450863	48.339	ug/l	100
74) N-amyl acetate	12.14	43	146352	51.054	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	103154	51.285	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	74338m	51.275	ug/l	
77) Bromobenzene	12.61	156	102297	51.766	ug/l	93
78) n-propylbenzene	12.67	91	565664	49.158	ug/l	100
79) 2-Chlorotoluene	12.76	91	311511	49.000	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	375863	48.950	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	35072	48.865	ug/l	97
82) 4-Chlorotoluene	12.86	91	330212	49.886	ug/l	100
83) tert-Butylbenzene	13.08	119	317475	49.780	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	379554	49.809	ug/l	99
85) sec-Butylbenzene	13.25	105	462158	49.163	ug/l	100
86) p-Isopropyltoluene	13.37	119	400542	49.394	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	190490	49.192	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	191729	48.805	ug/l	99
89) n-Butylbenzene	13.70	91	412825	49.069	ug/l	99
90) Hexachloroethane	13.96	117	77777	50.841	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	174512	49.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15470	49.289	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	111680	48.951	ug/l	97
94) Hexachlorobutadiene	15.11	225	53697	48.275	ug/l	99
95) Naphthalene	15.24	128	268773	49.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	99416	49.464	ug/l	99

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

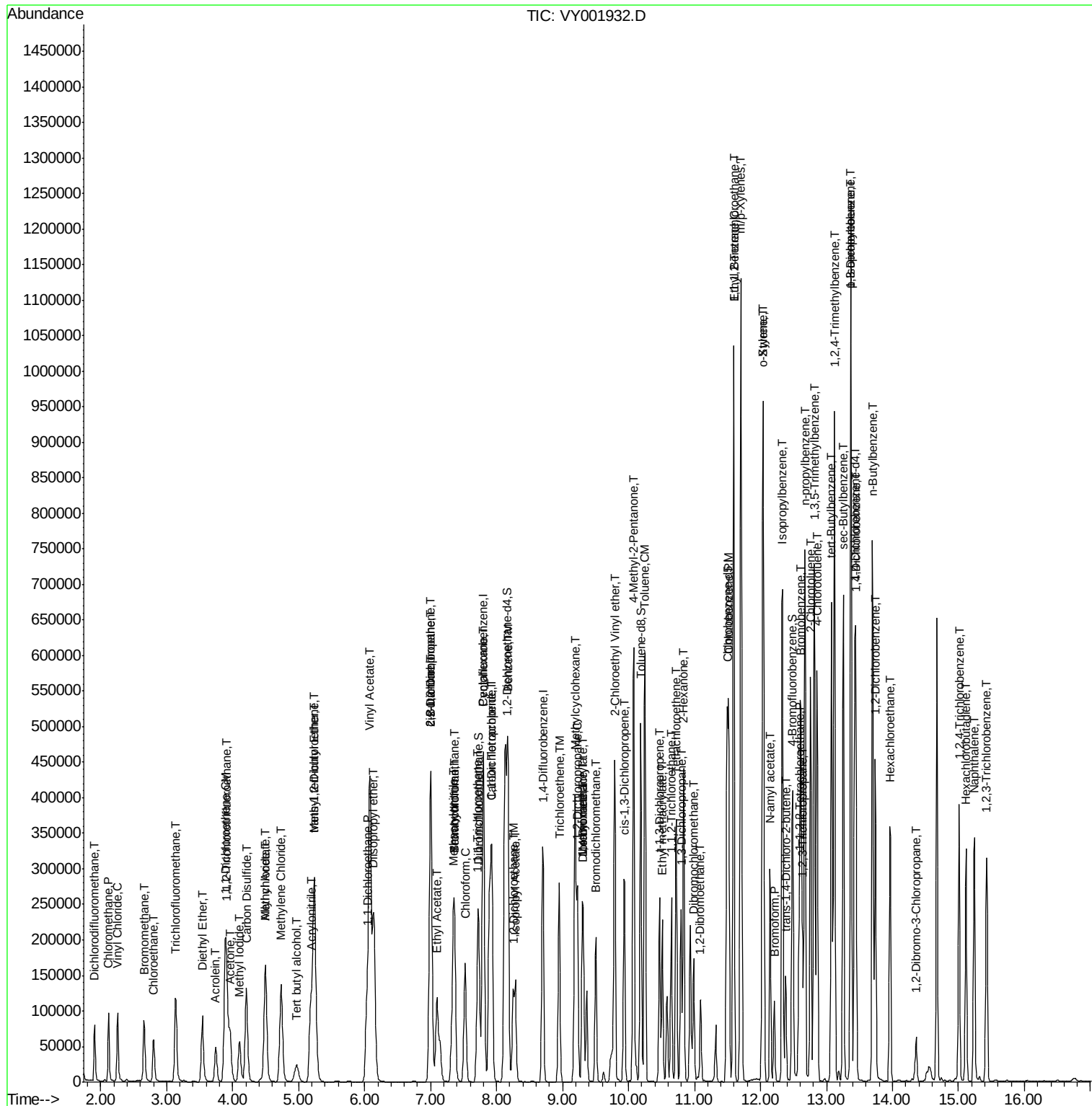
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
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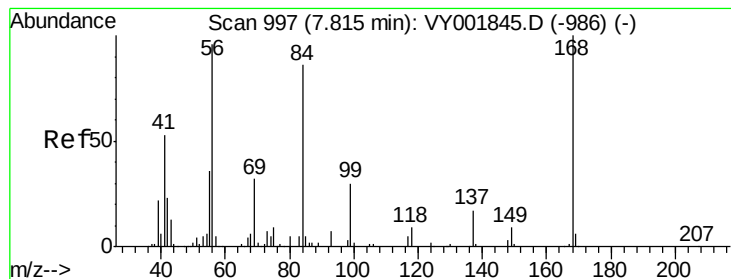
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 151644

Ion Ratio Lower Upper

168 100

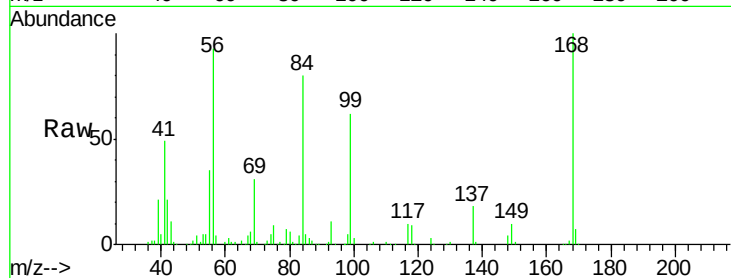
99 61.8 46.7 70.1

Manual Integrations

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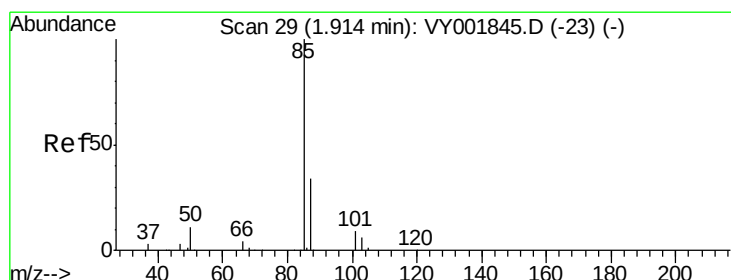
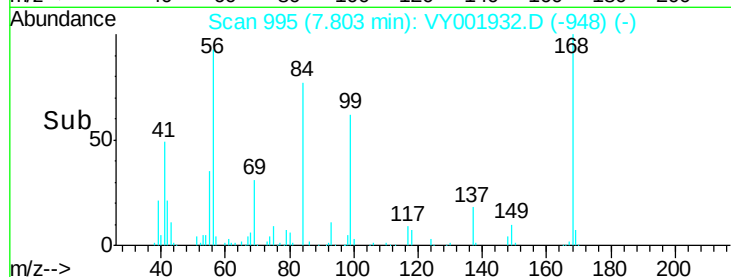
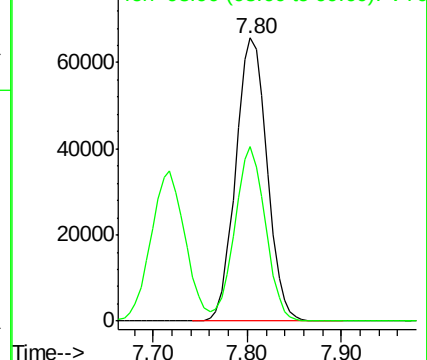
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 44.300 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001932.D

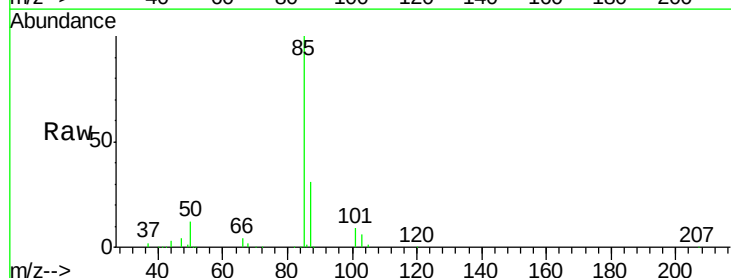
Acq: 10 Mar 2020 19:02

Tgt Ion: 85 Resp: 62010

Ion Ratio Lower Upper

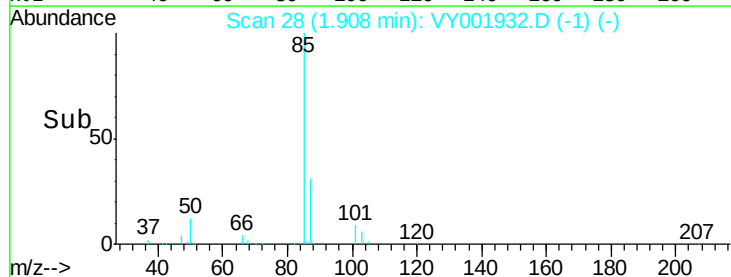
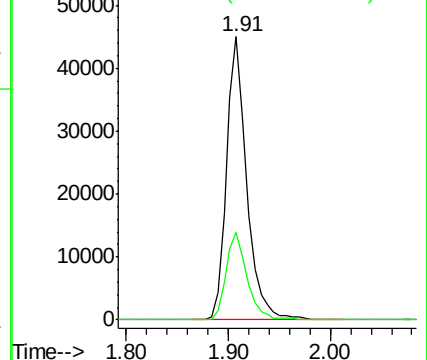
85 100

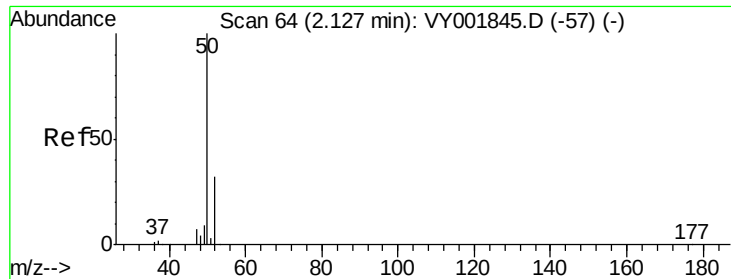
87 30.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 47.239 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 89150

Ion Ratio Lower Upper

50 100

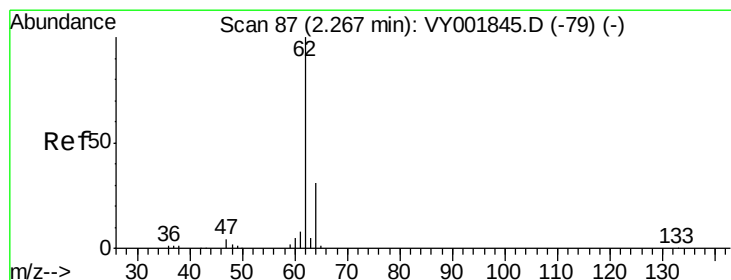
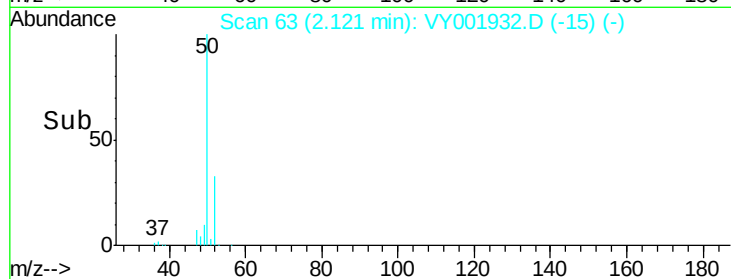
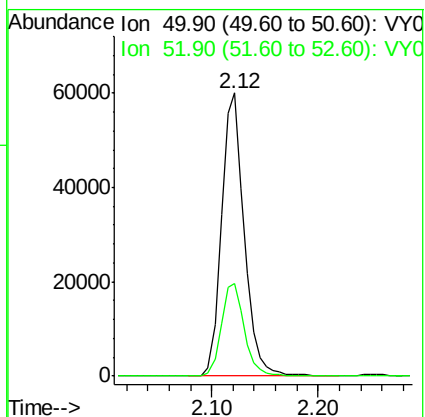
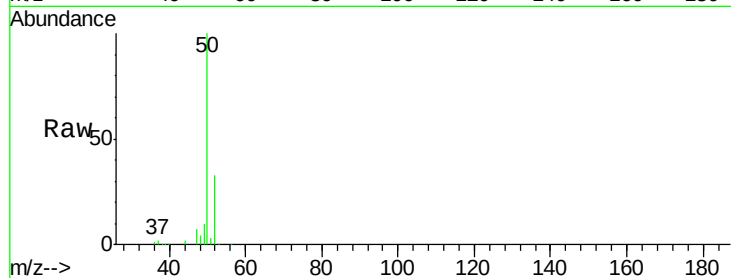
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.526 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001932.D

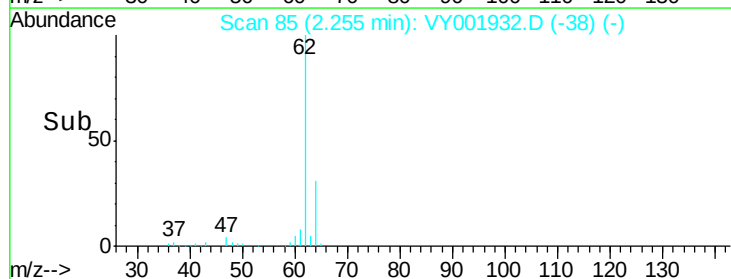
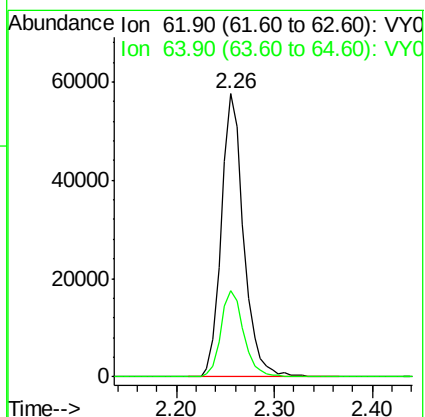
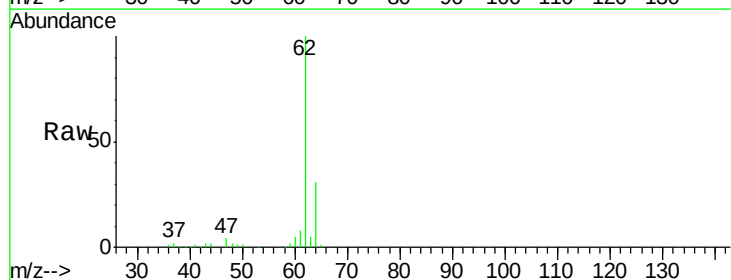
Acq: 10 Mar 2020 19:02

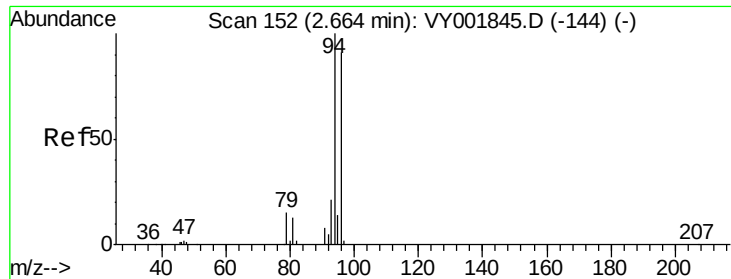
Tgt Ion: 62 Resp: 91232

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 56.192 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62190

Ion Ratio Lower Upper

94 100

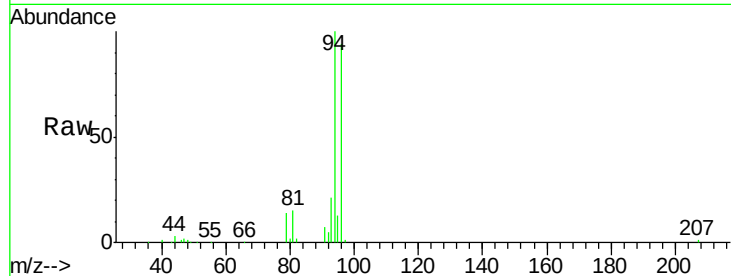
96 94.5 73.2 109.8

Manual Integrations

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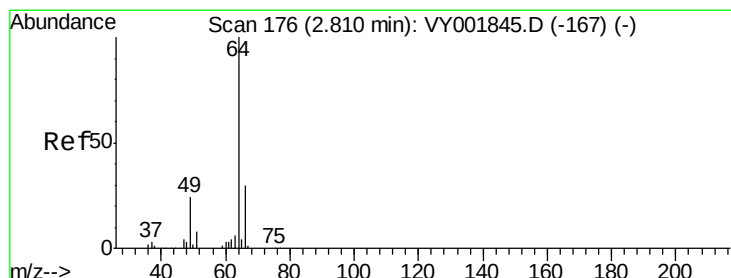
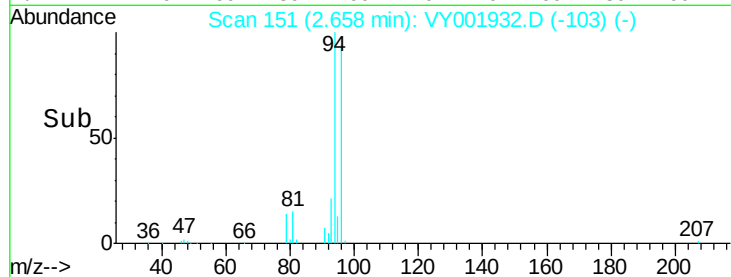
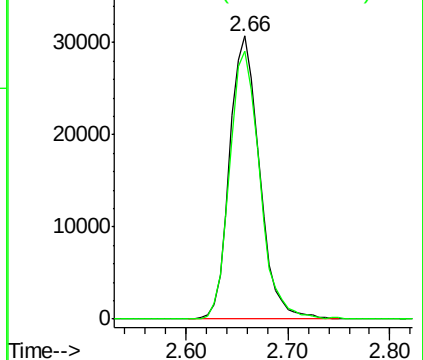
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.840 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001932.D

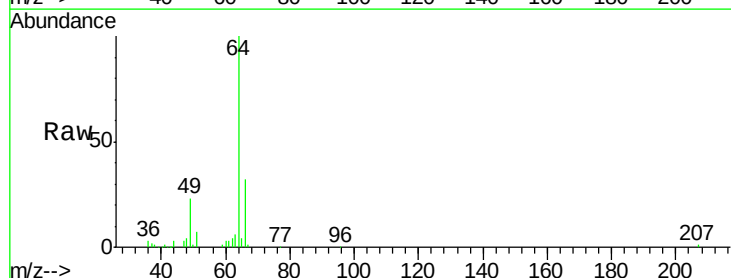
Acq: 10 Mar 2020 19:02

Tgt Ion: 64 Resp: 60100

Ion Ratio Lower Upper

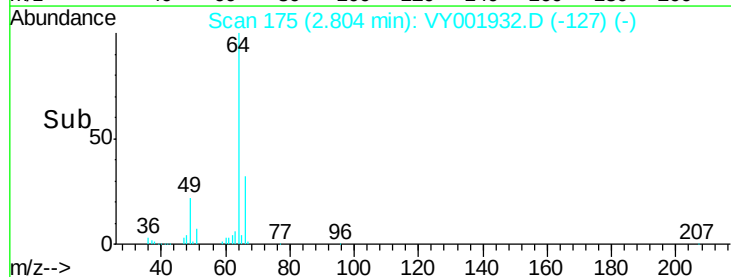
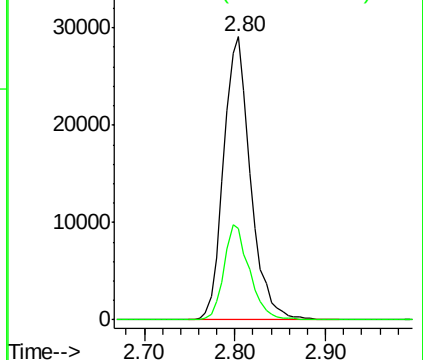
64 100

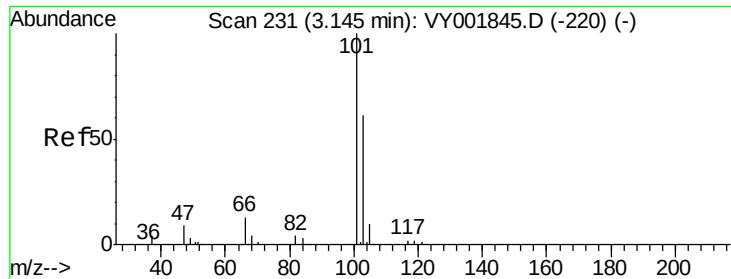
66 32.2 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

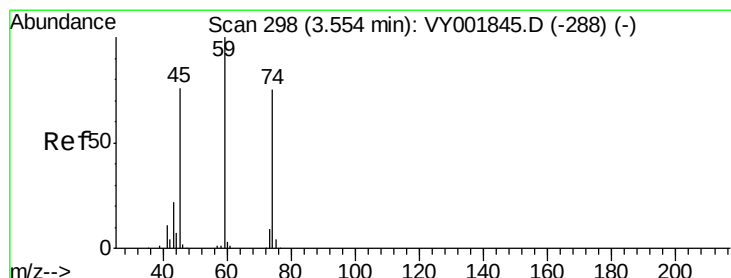
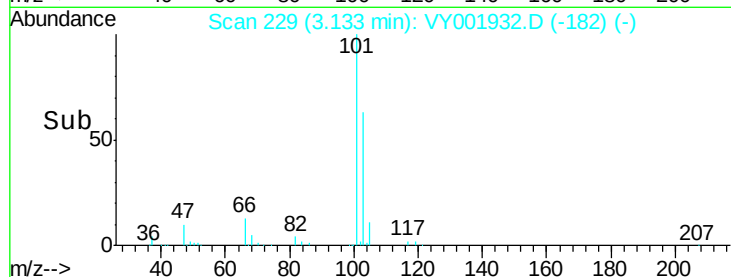
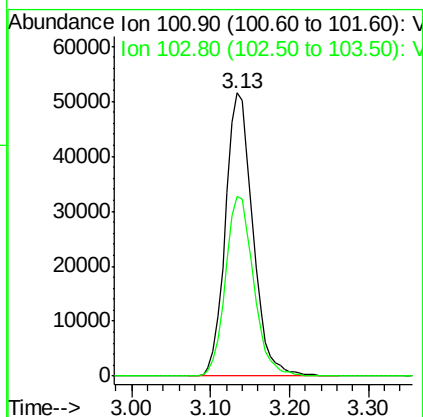
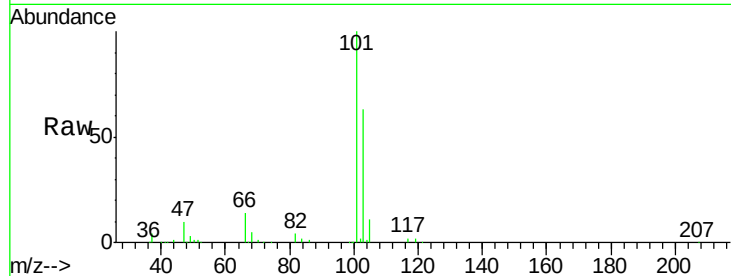
Trichlorofluoromethane
 Concen: 47.830 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	124521		
103	63.5	49.1	73.7	

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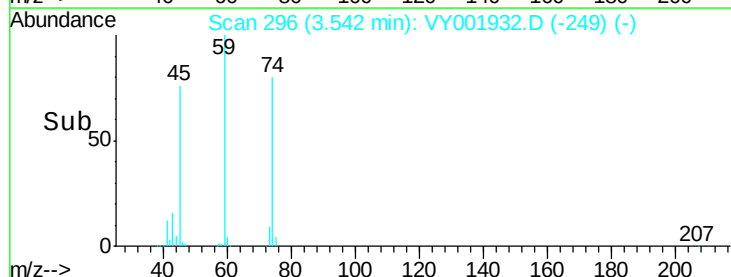
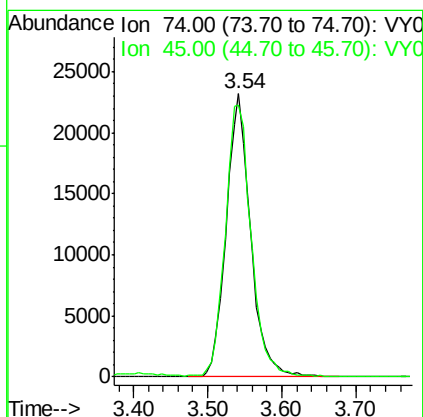
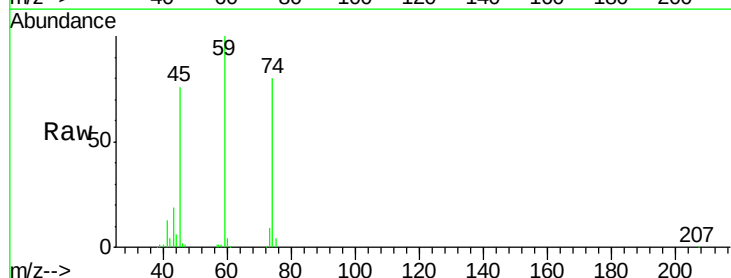
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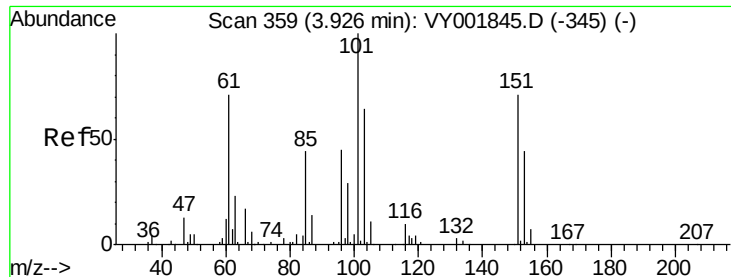


#8

Diethyl Ether
 Concen: 51.630 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	52976		
45	102.6	50.5	151.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.094 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

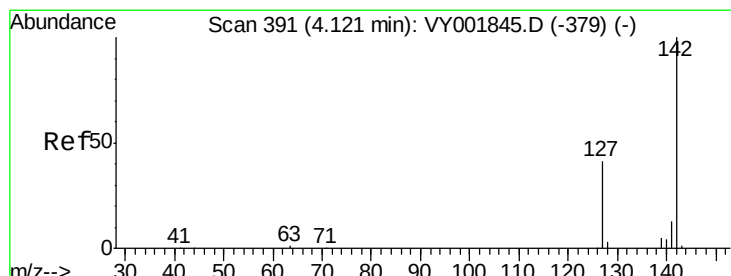
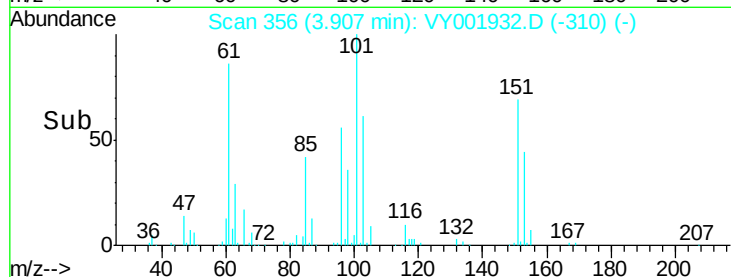
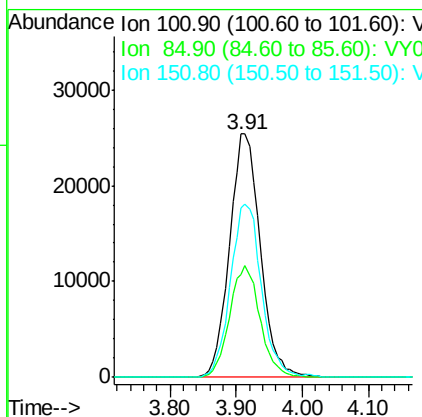
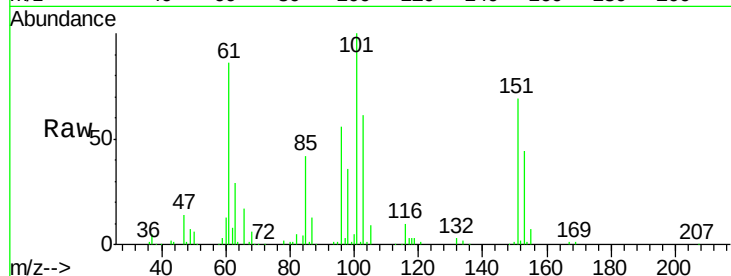
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	82206
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.3	52.9
151	71.6	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 49.539 ug/l

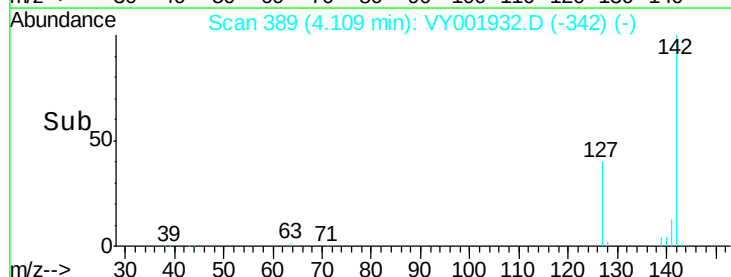
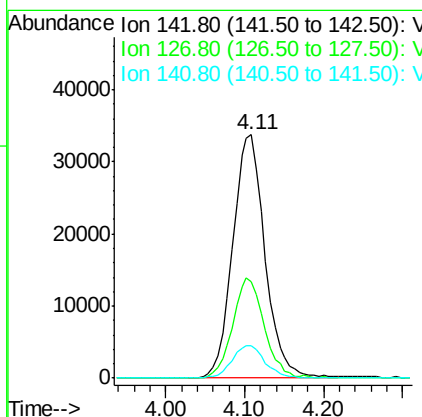
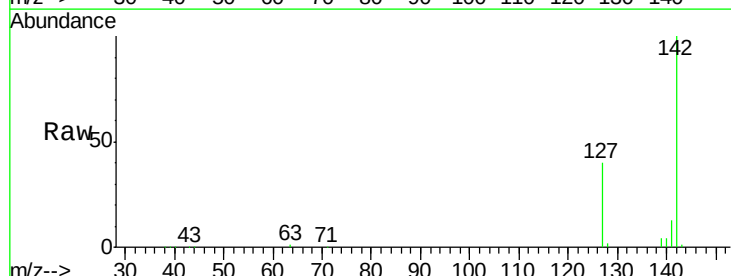
RT: 4.11 min Scan# 389

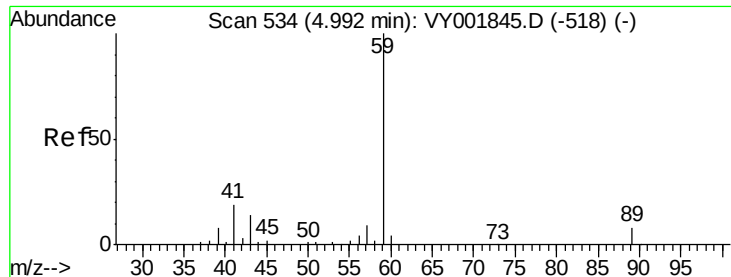
Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Tgt Ion:	142	Resp:	95929
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.7	49.1
141	13.8	11.0	16.6





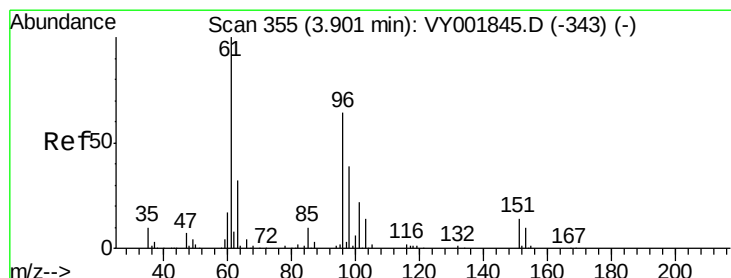
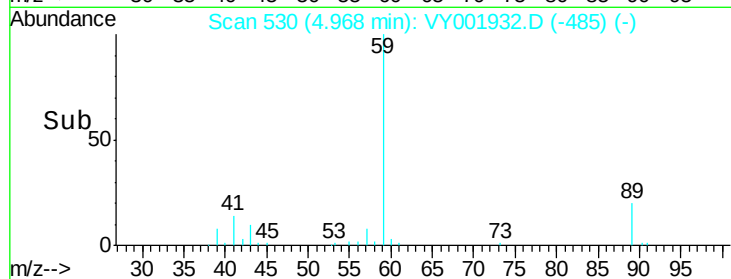
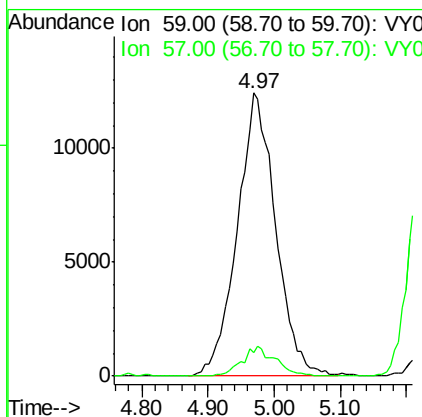
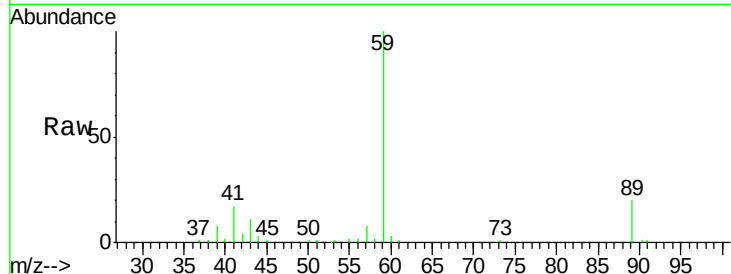
#11
Tert butyl alcohol
Concen: 302.490 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.4	11.2

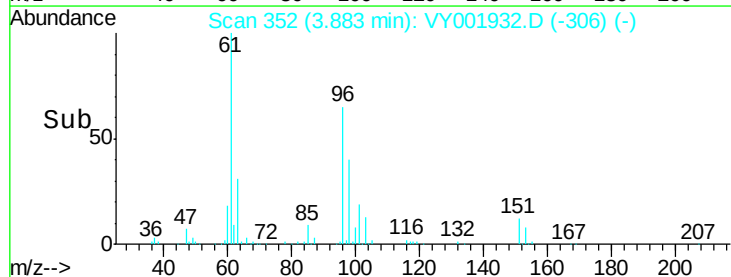
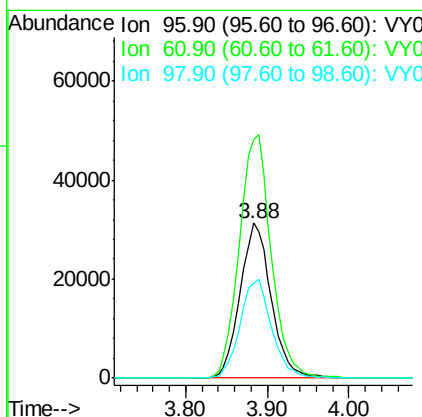
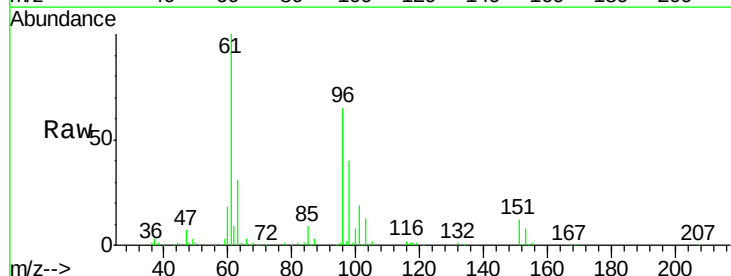
Manual Integrations
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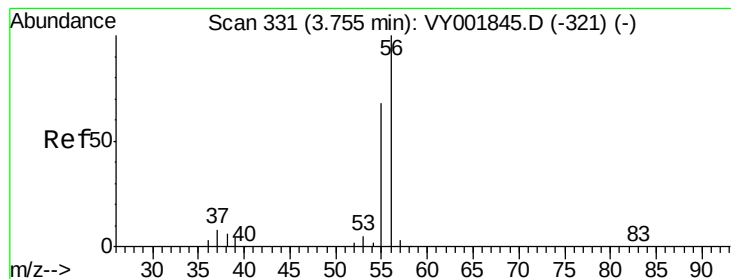
MMDadoda
3/11/2020 3:22:44 PM



#12
1,1-Dichloroethene
Concen: 49.078 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	124.8	187.2
98	61.4	49.2	73.8





#13

Acrolein

Concen: 268.412 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 61062

Ion Ratio Lower Upper

56 100

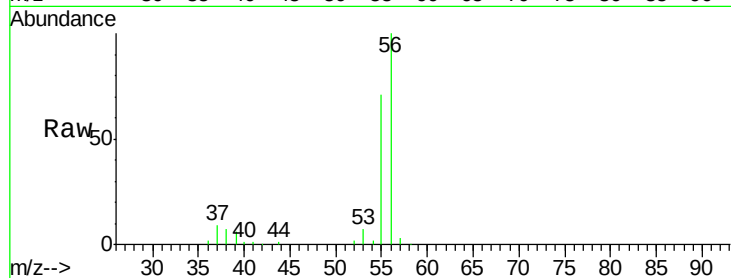
55 68.9 54.0 81.0

Manual Integrations

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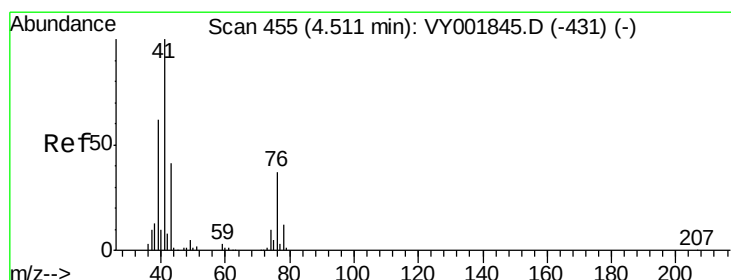
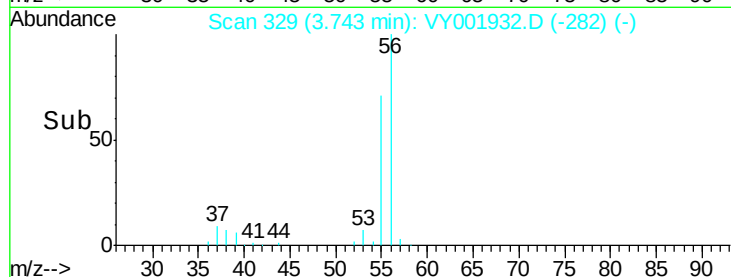
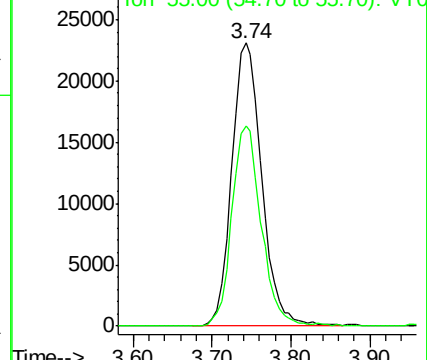
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.174 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

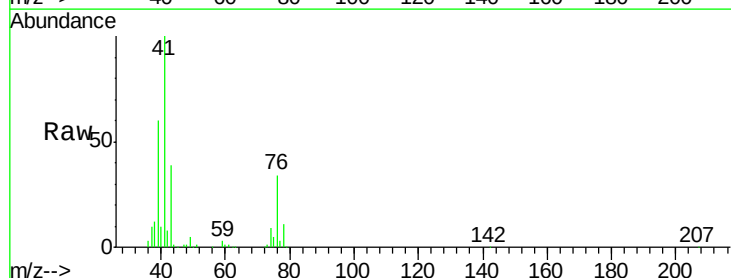
Tgt Ion: 41 Resp: 155947

Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.6

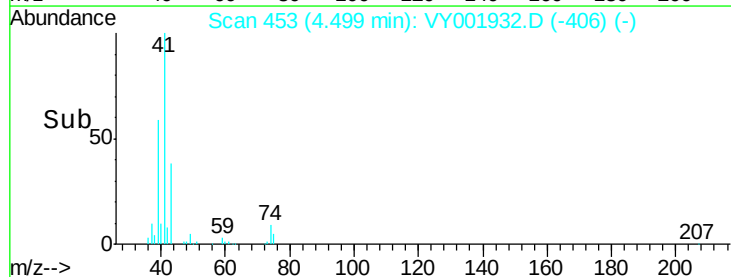
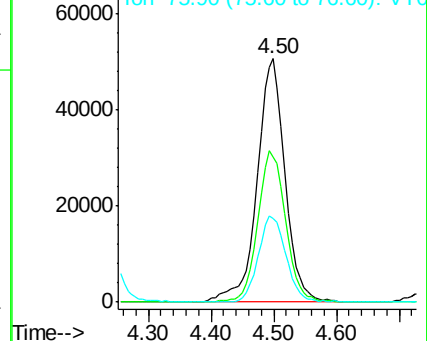
76 34.9 28.9 43.3

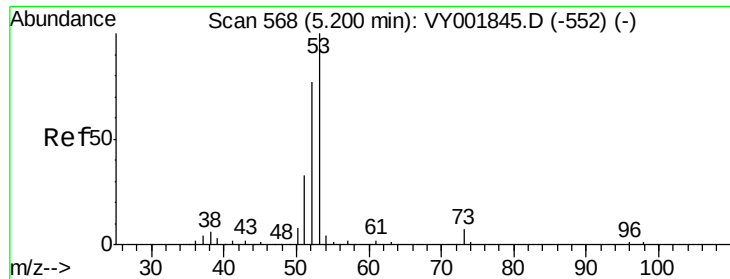


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 263.152 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

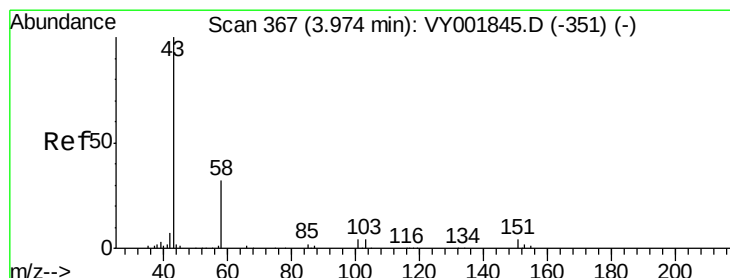
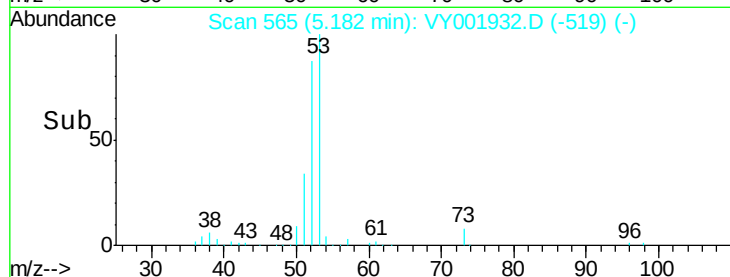
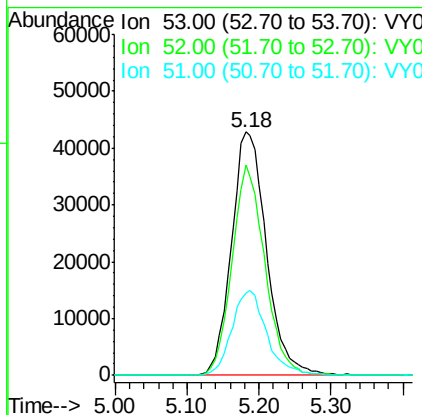
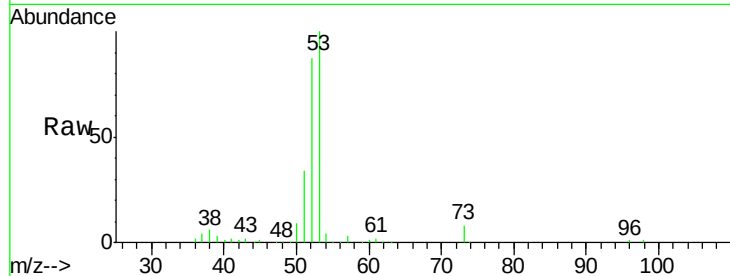
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	144286
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.1	97.7
51	34.8	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 219.948 ug/l

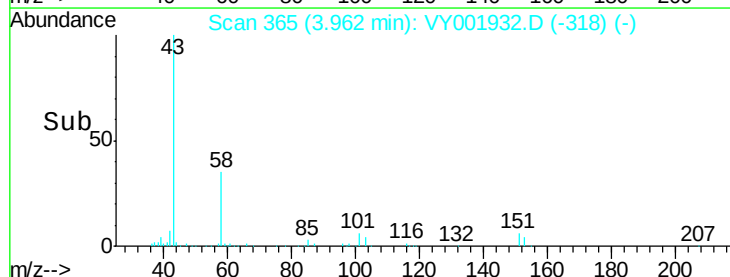
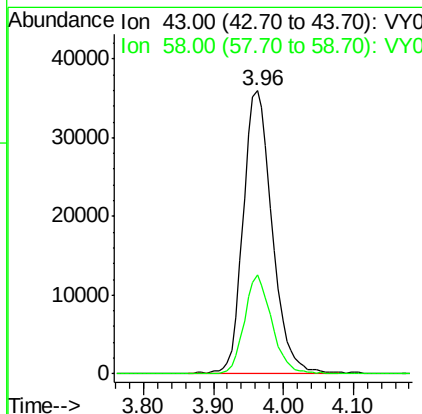
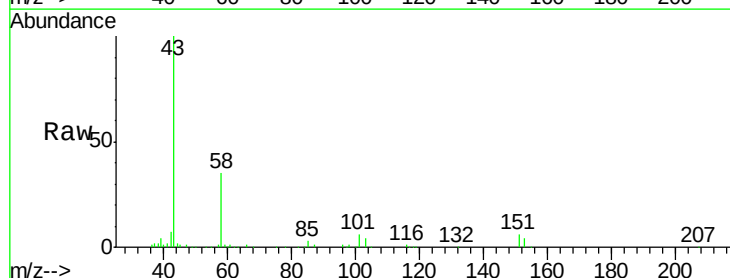
RT: 3.96 min Scan# 365

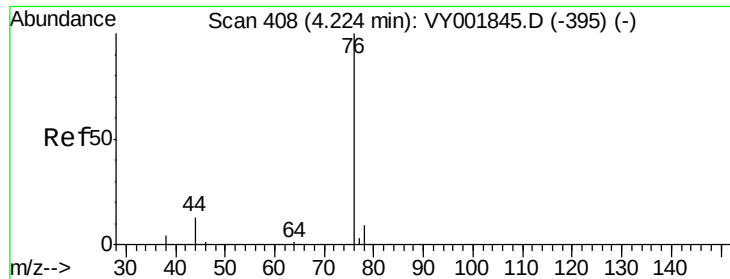
Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Tgt Ion:	43	Resp:	103710
Ion	Ratio	Lower	Upper
43	100		
58	35.1	25.9	38.9





#17

Carbon Disulfide

Concen: 47.214 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 267598

Ion Ratio Lower Upper

76 100

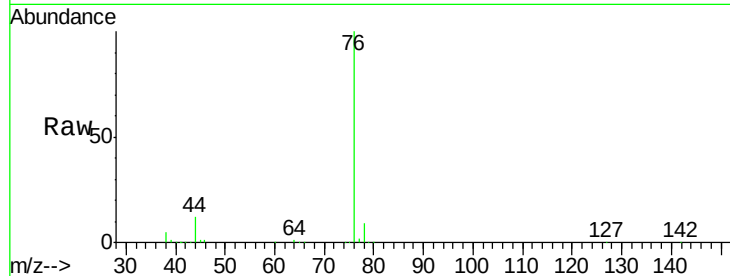
78 8.8 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY001845.D (-395) (-)

Ion 77.90 (77.60 to 78.60): VY001845.D (-395) (-)

4.21

100000

80000

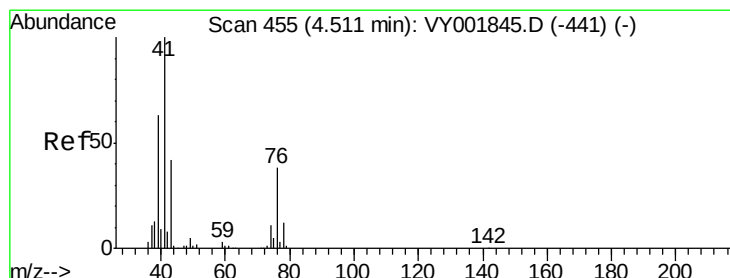
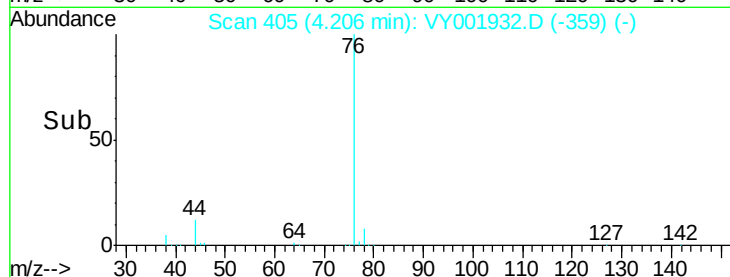
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 52.046 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001932.D

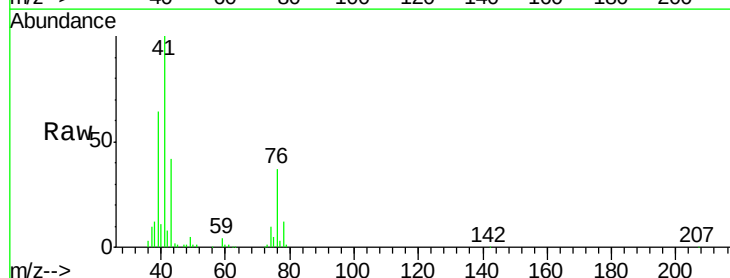
Acq: 10 Mar 2020 19:02

Tgt Ion: 43 Resp: 63056

Ion Ratio Lower Upper

43 100

74 22.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY001845.D (-441) (-)

4.49

20000

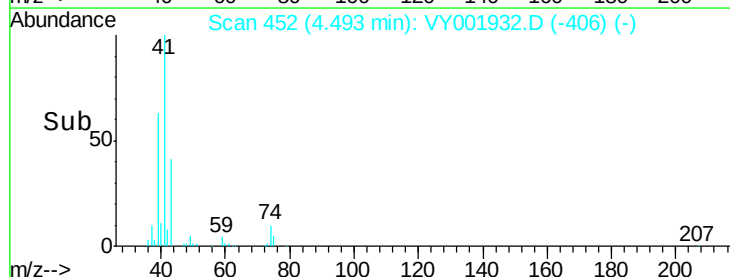
15000

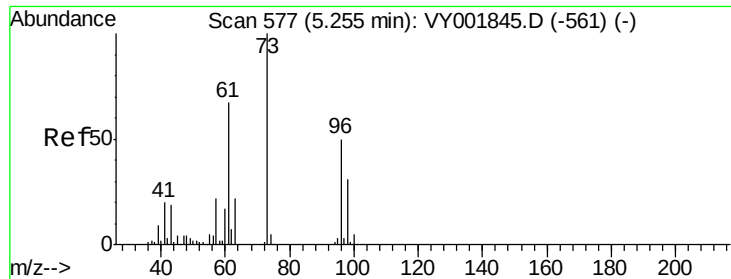
10000

5000

0

Time-->





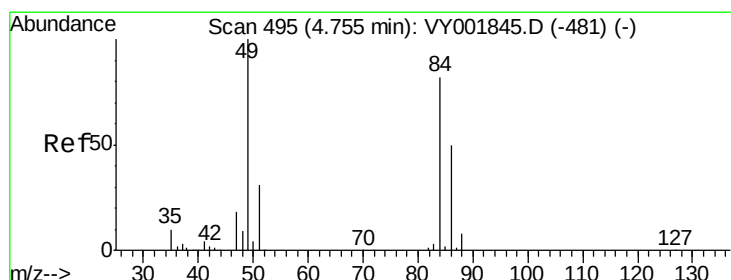
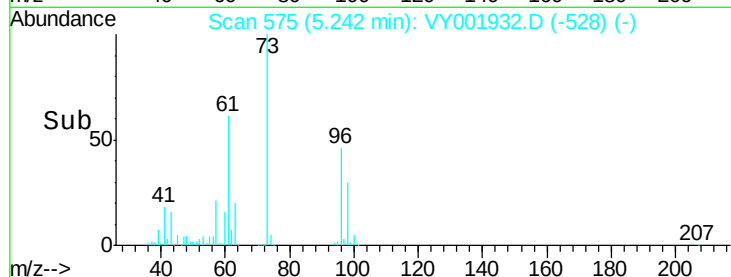
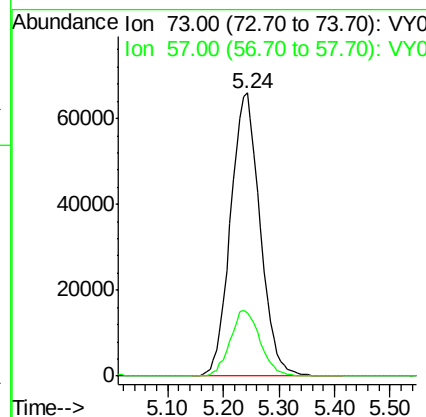
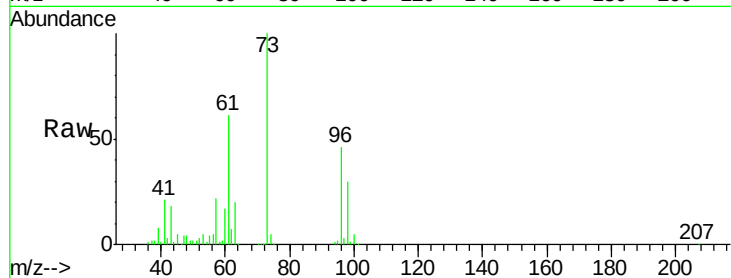
#19
Methyl tert-butyl Ether
Concen: 52.872 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 241572
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

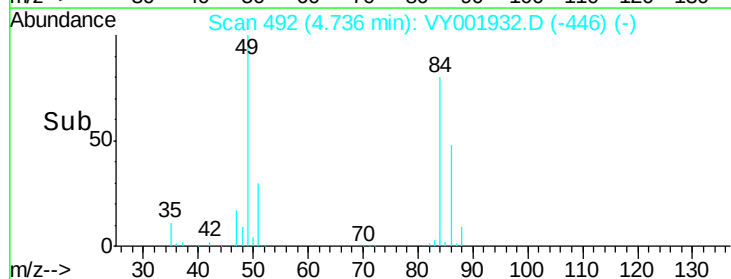
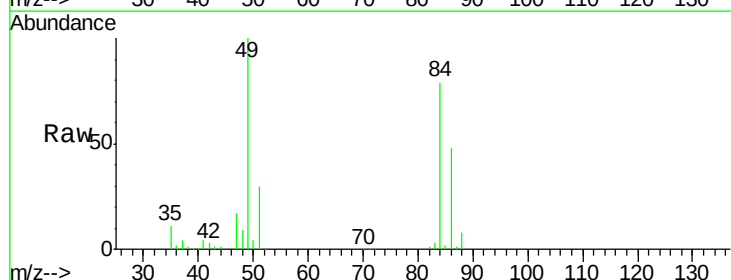
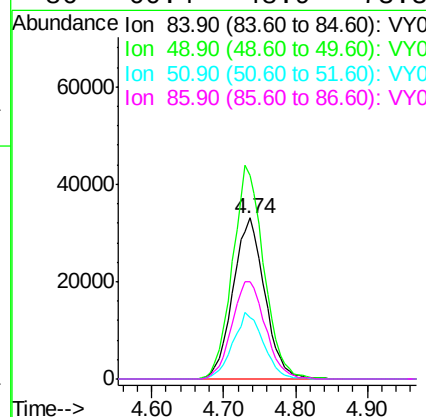
Manual Integrations
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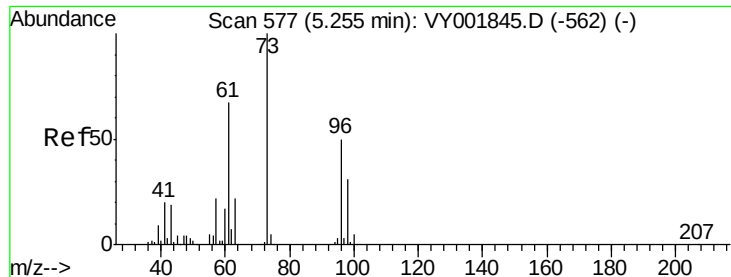
MMDadoda
3/11/2020 3:22:44 PM



#20
Methylene Chloride
Concen: 50.127 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 84 Resp: 101299
Ion Ratio Lower Upper
84 100
49 126.5 98.2 147.2
51 38.4 30.2 45.2
86 60.4 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.833 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

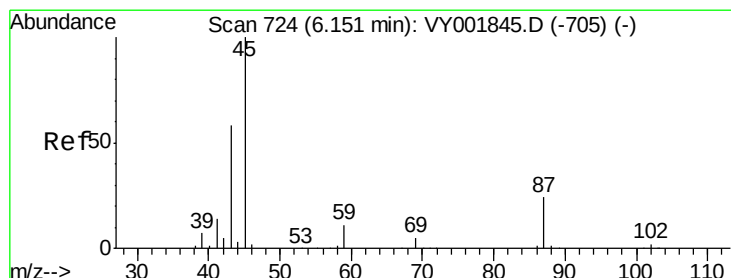
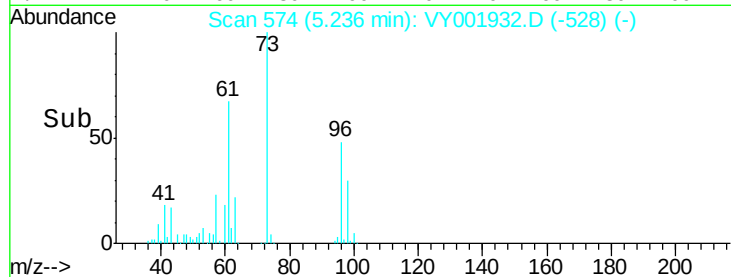
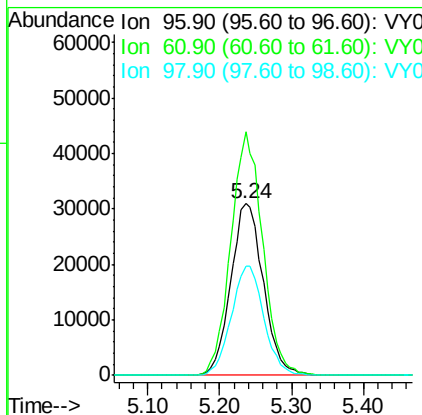
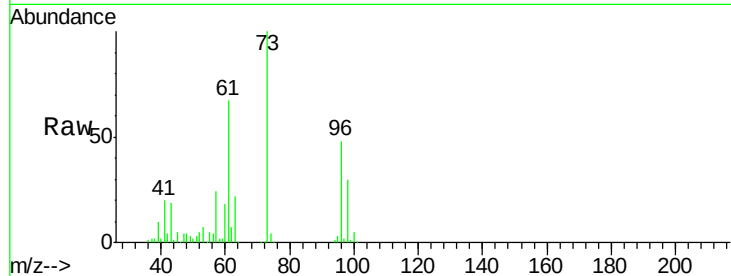
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	97277
Ion	Ratio	Lower	Upper
96	100		
61	141.8	107.7	161.5
98	63.3	49.3	73.9

Manual Integrations
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3/11/2020 3:22:44 PM



#22

Diisopropyl ether

Concen: 53.972 ug/l

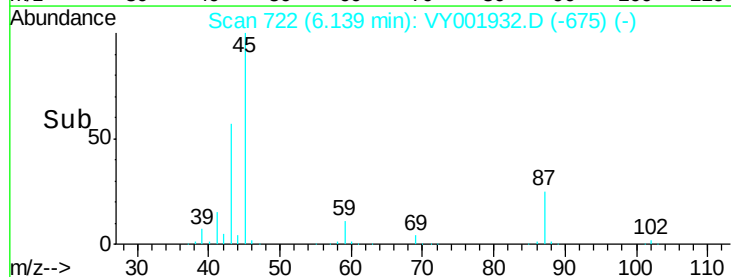
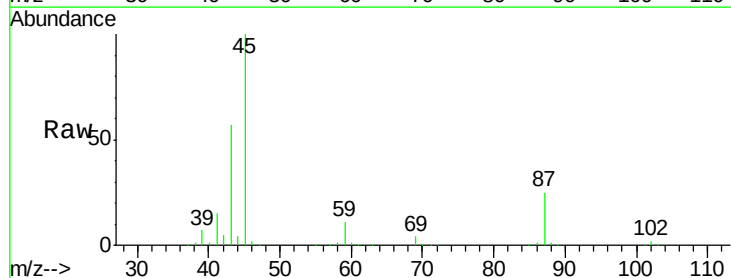
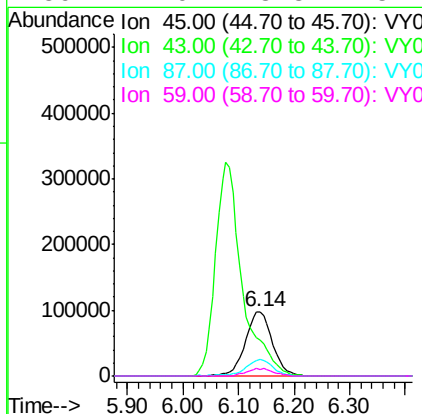
RT: 6.14 min Scan# 722

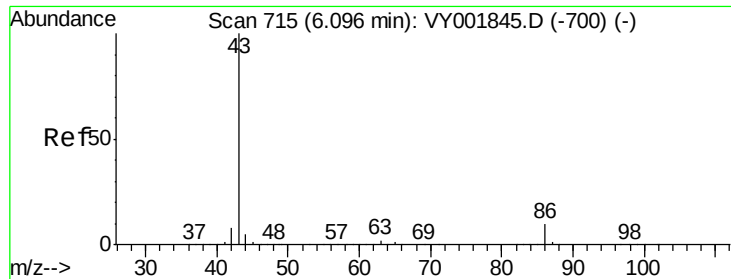
Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Tgt Ion:	45	Resp:	330681
Ion	Ratio	Lower	Upper
45	100		
43	56.3	47.2	70.8
87	25.2	19.8	29.8
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 269.563 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1082719

Ion Ratio Lower Upper

43 100

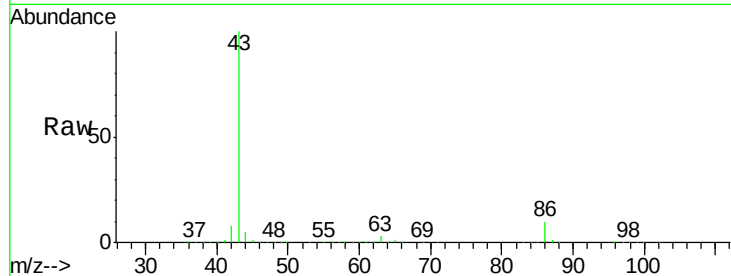
86 10.3 7.8 11.8

Manual Integrations

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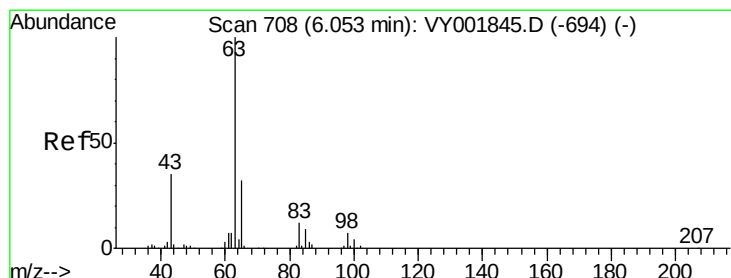
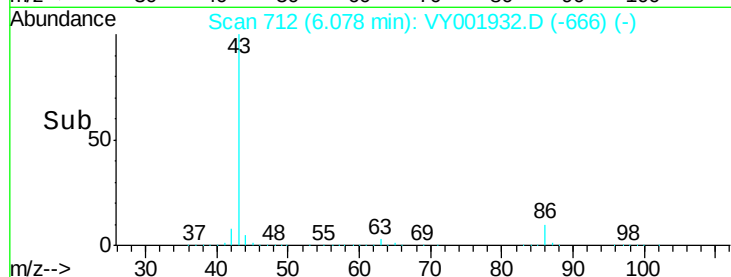
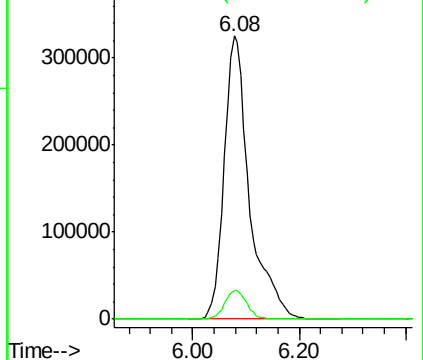
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.643 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

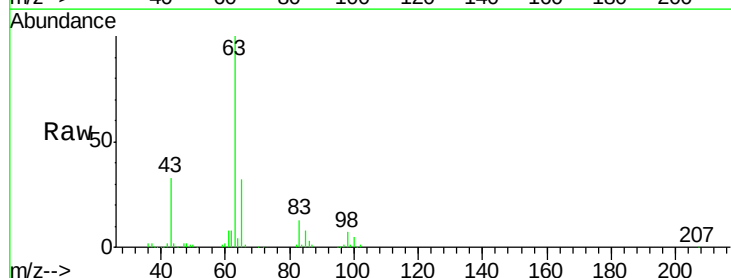
Tgt Ion: 63 Resp: 171346

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

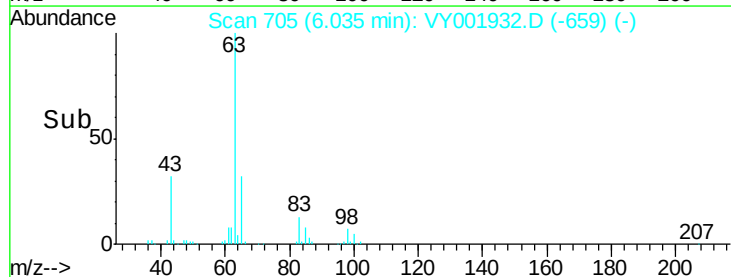
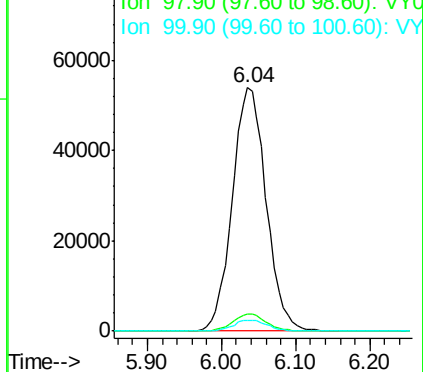
100 4.6 2.0 6.0

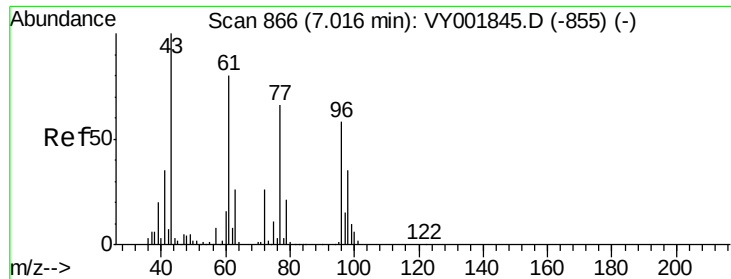


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 248.233 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 177997

Ion Ratio Lower Upper

43 100

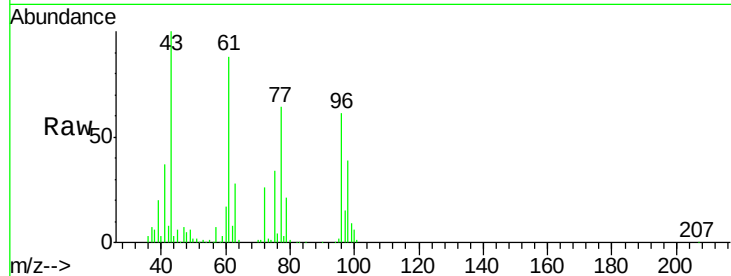
72 26.5 20.9 31.3

Manual Integrations

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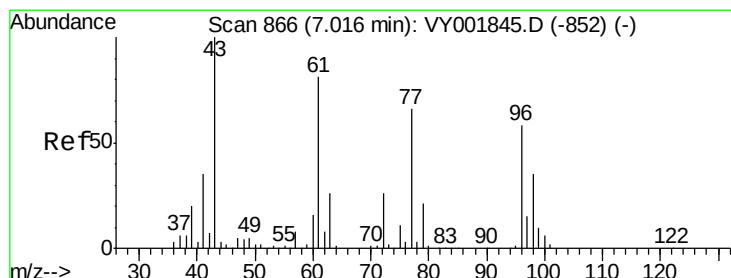
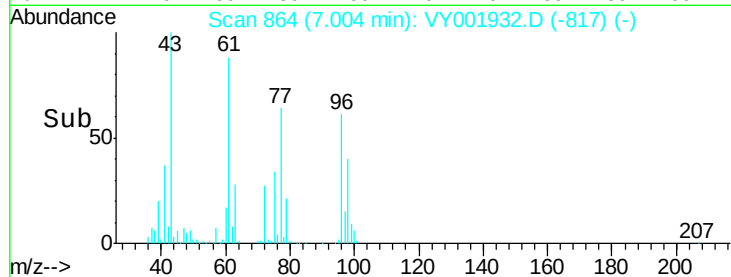
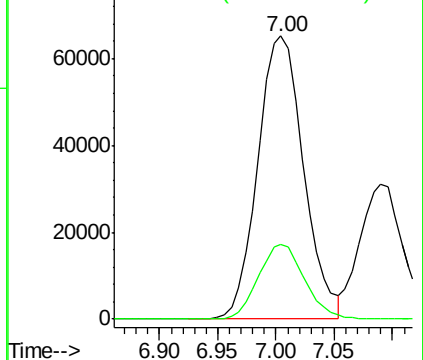
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.778 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001932.D

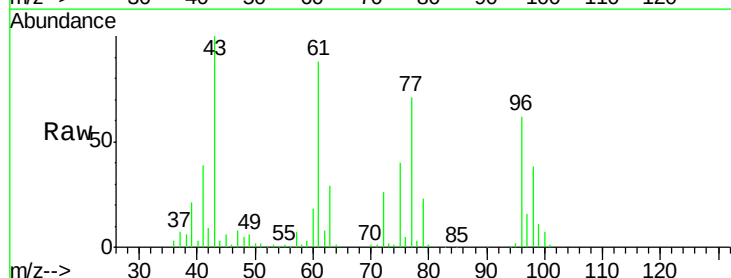
Acq: 10 Mar 2020 19:02

Tgt Ion: 77 Resp: 135557

Ion Ratio Lower Upper

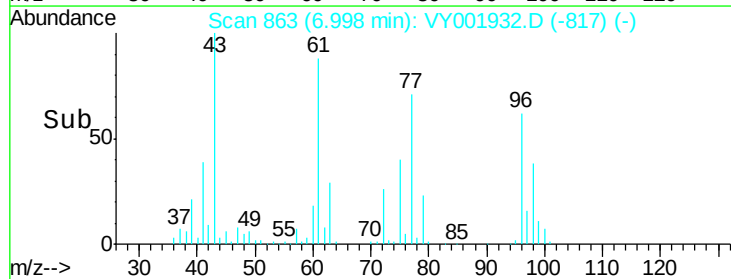
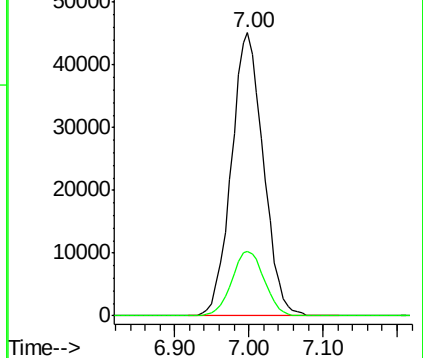
77 100

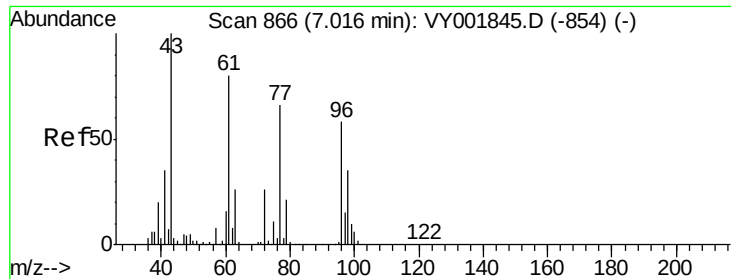
97 23.4 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

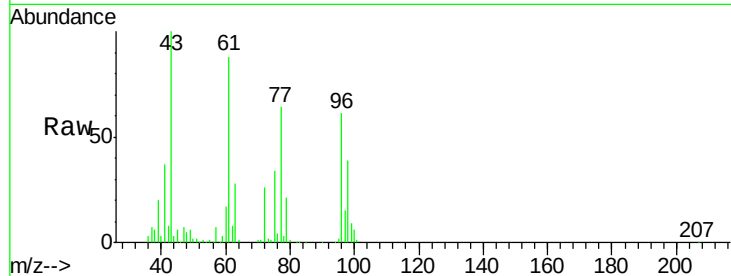
cis-1,2-Dichloroethene
Concen: 52.612 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

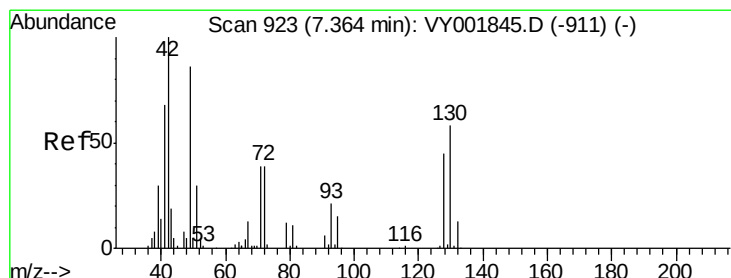
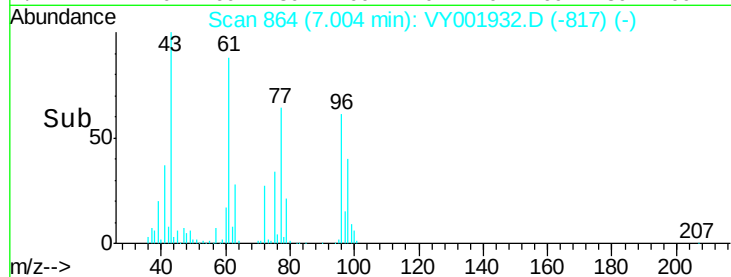
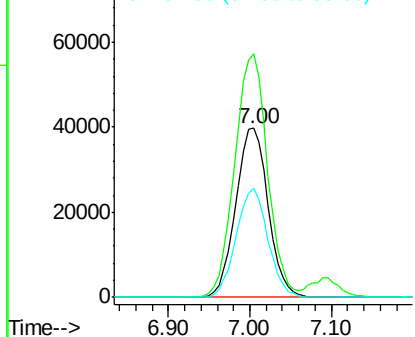
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	288.2	
98	63.0	0.0	129.0	

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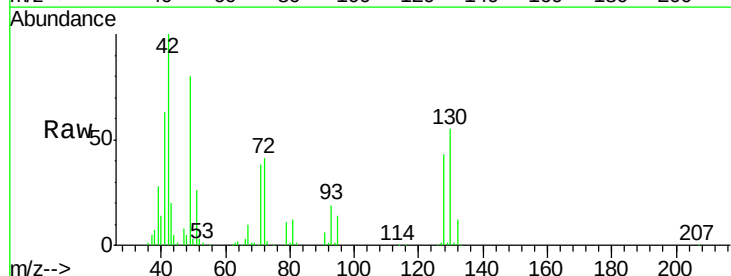
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



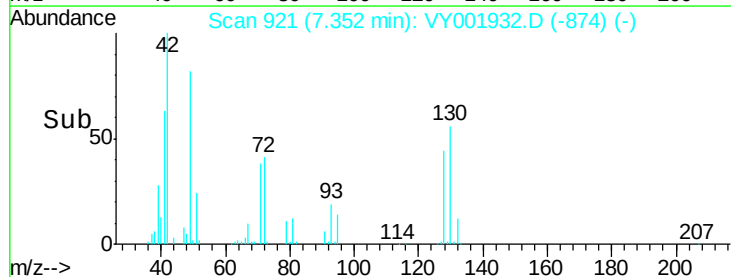
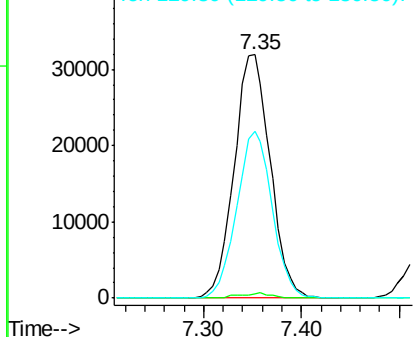
#28

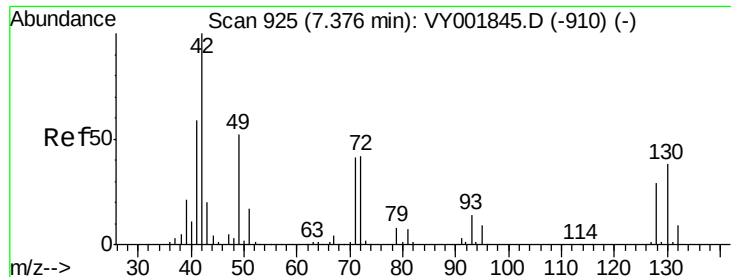
Bromochloromethane
Concen: 54.584 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	67.2	54.4	81.6	



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





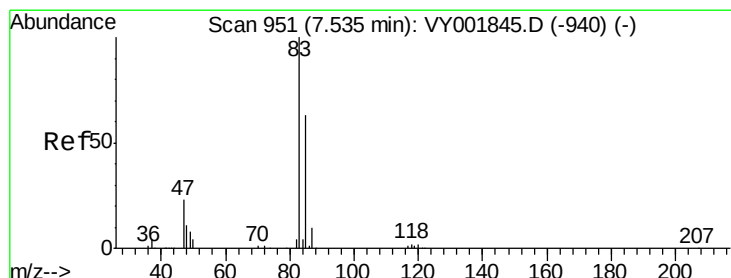
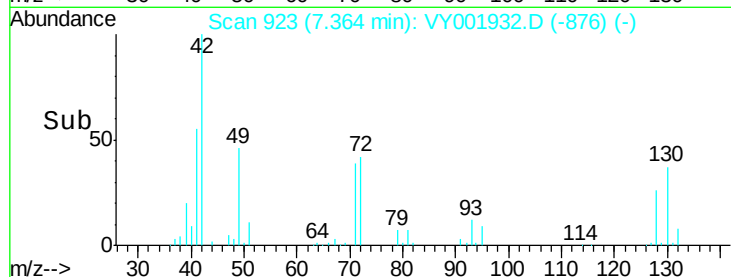
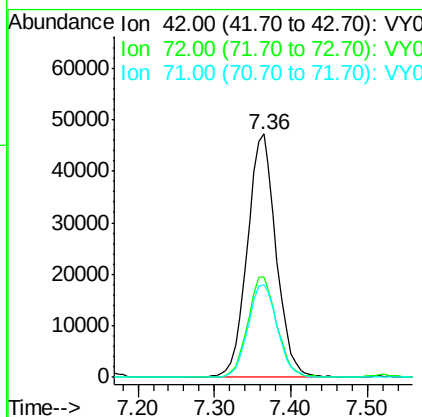
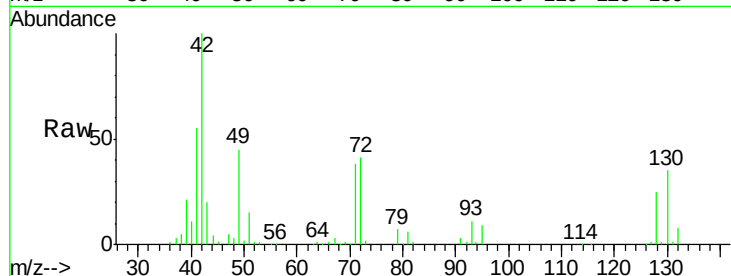
#29
Tetrahydrofuran
Concen: 259.040 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.5	50.3
71	39.0	31.3	46.9

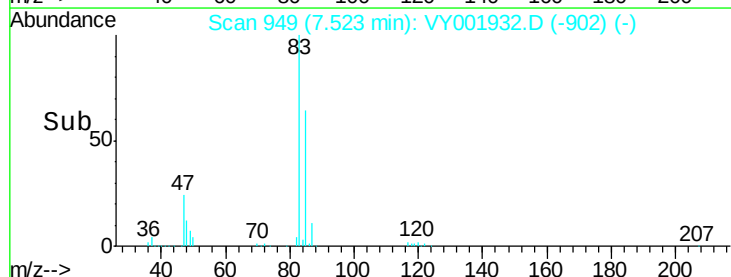
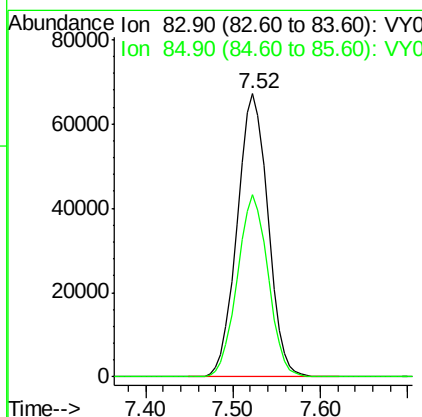
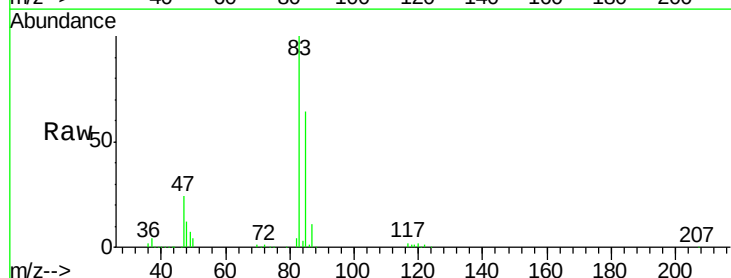
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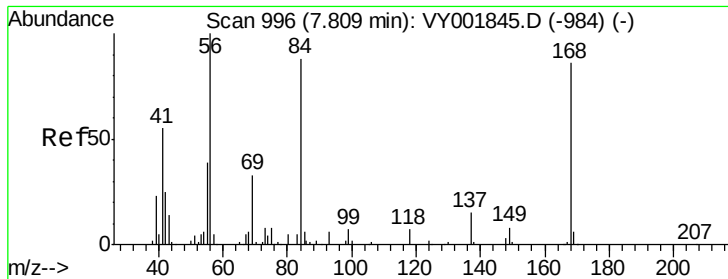
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#30
Chloroform
Concen: 52.736 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





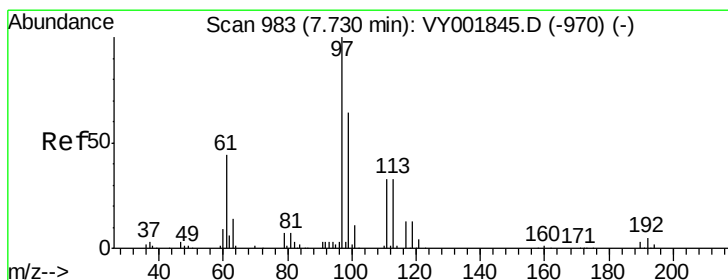
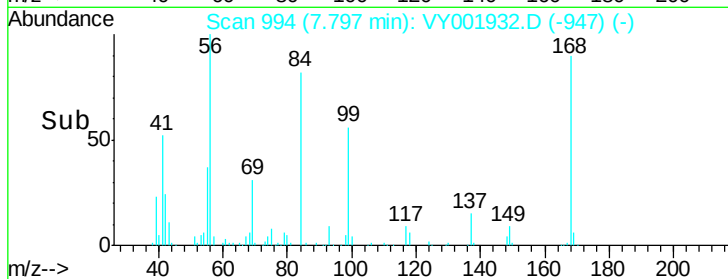
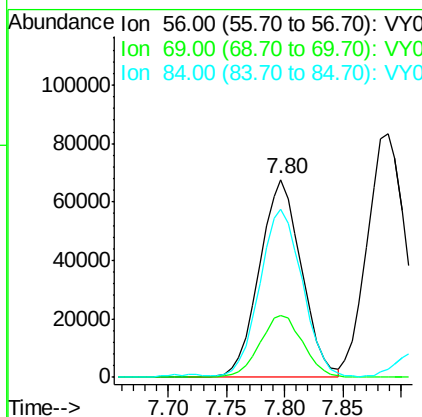
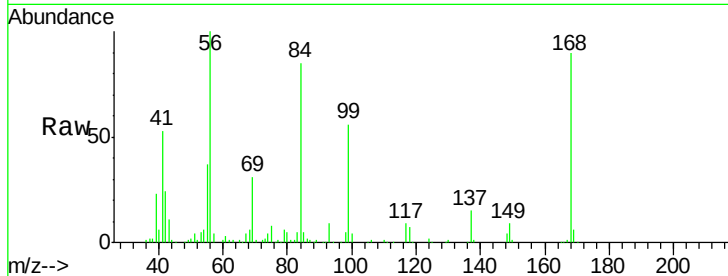
#31
Cyclohexane
Concen: 47.792 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.7	40.1
84	83.3	70.4	105.6

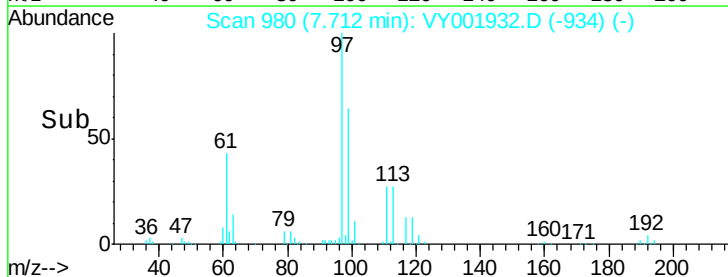
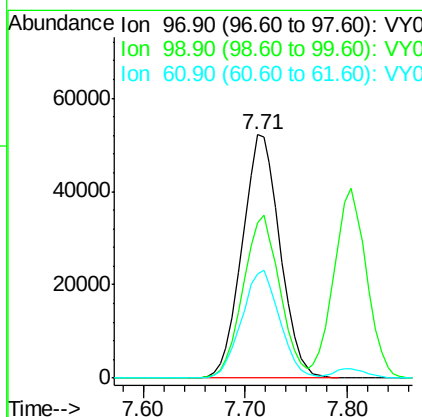
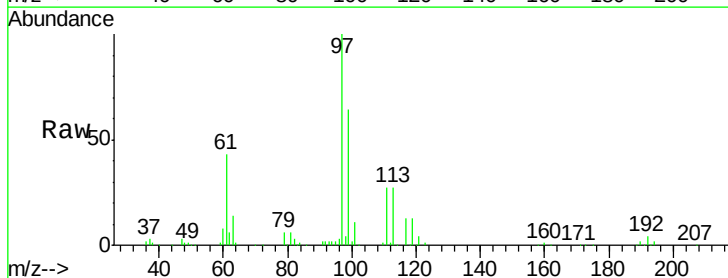
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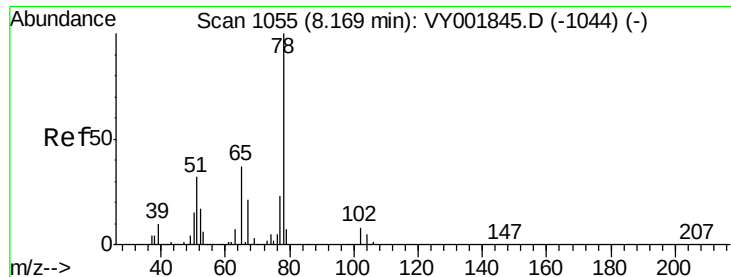
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#32
1,1,1-Trichloroethane
Concen: 51.271 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.7	35.0	52.4





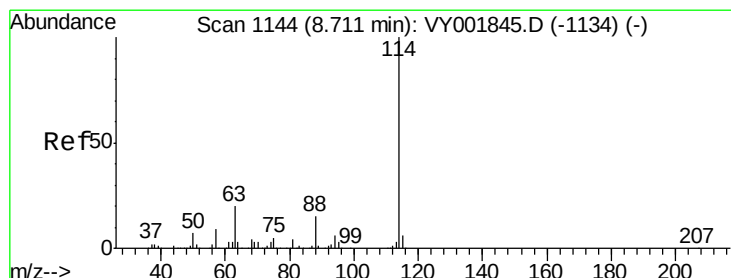
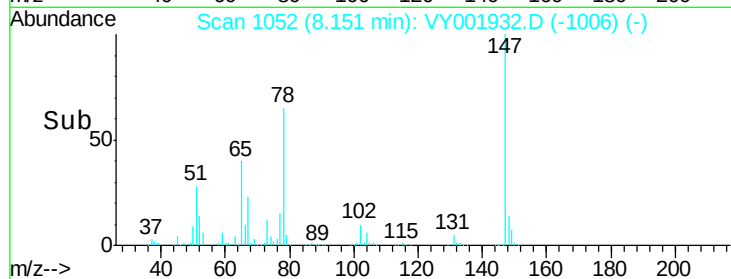
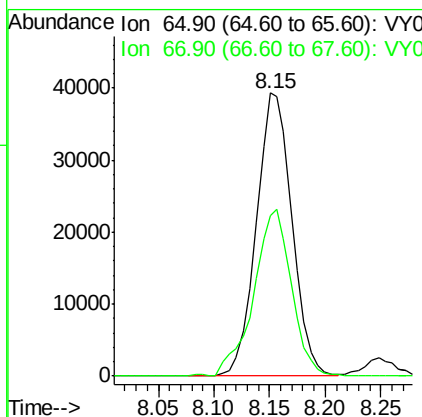
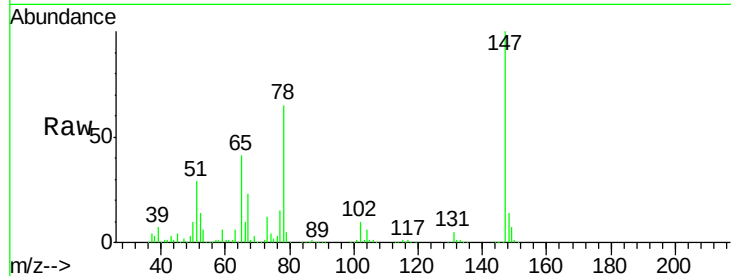
#33
 1,2-Dichloroethane-d4
 Concen: 54.128 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	62.1	0.0	110.8	

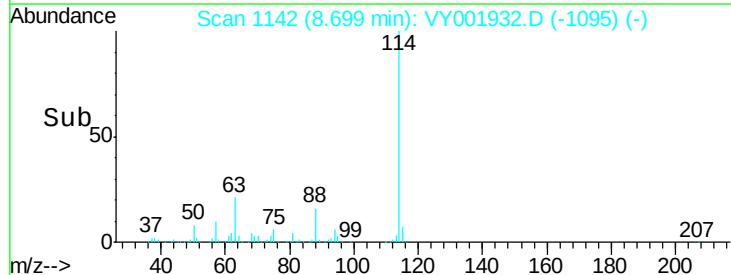
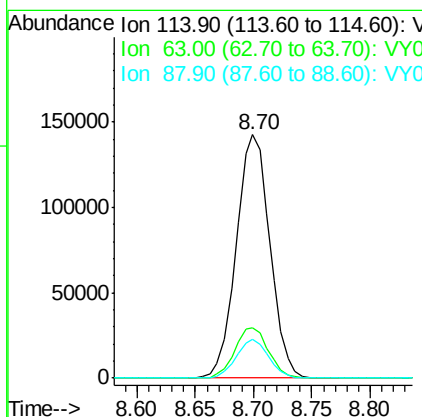
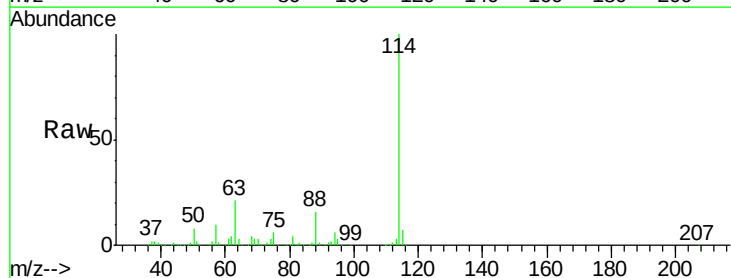
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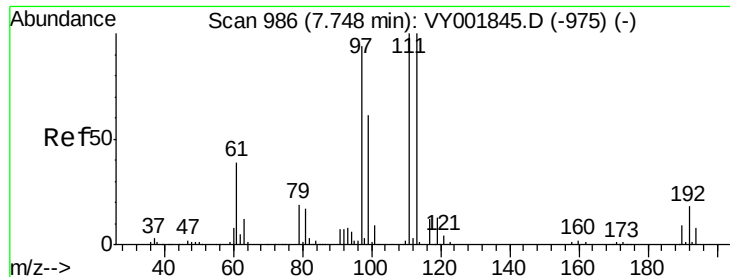
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.8	0.0	39.4	
88	15.7	0.0	30.4	





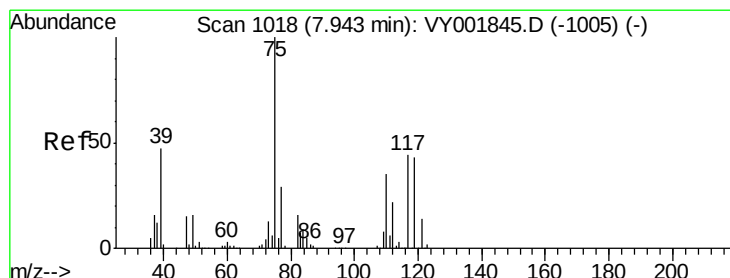
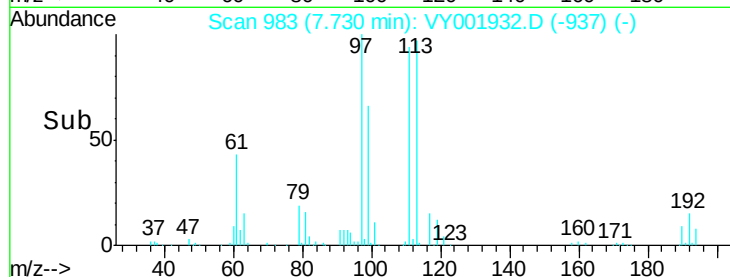
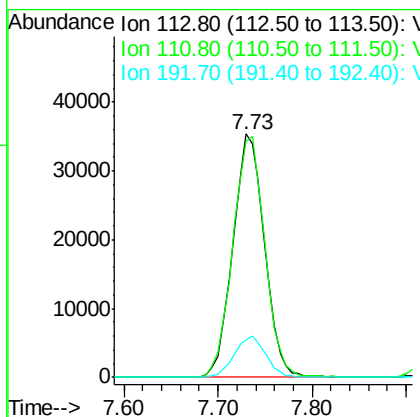
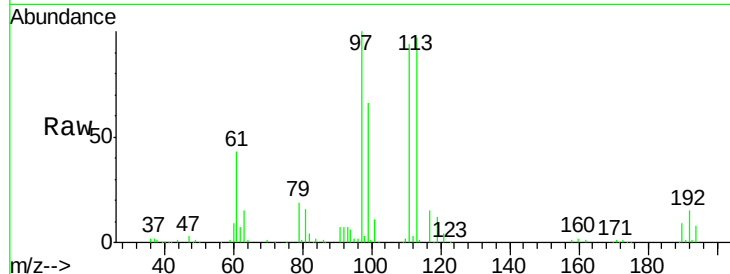
#35
 Dibromofluoromethane
 Concen: 52.789 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.8
192	16.9	14.2	21.2

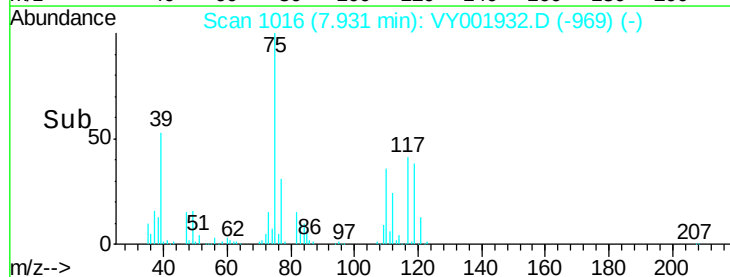
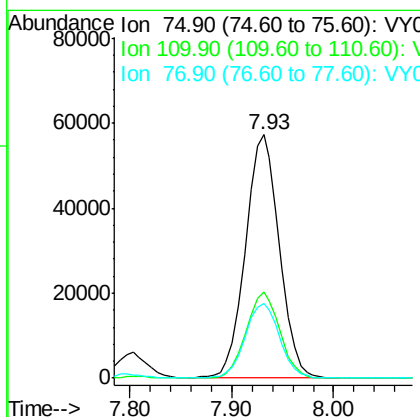
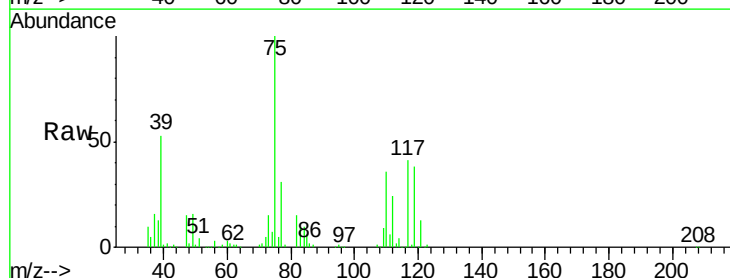
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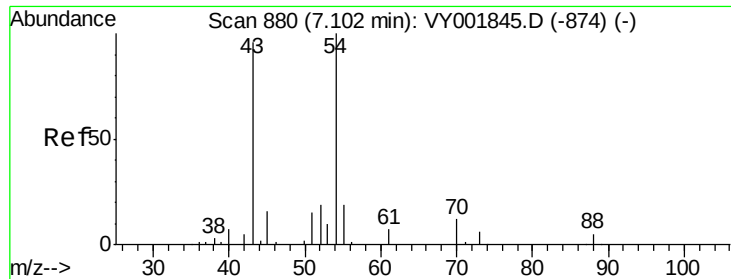
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#36
 1,1-Dichloropropene
 Concen: 47.904 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	31.5	24.2	36.2





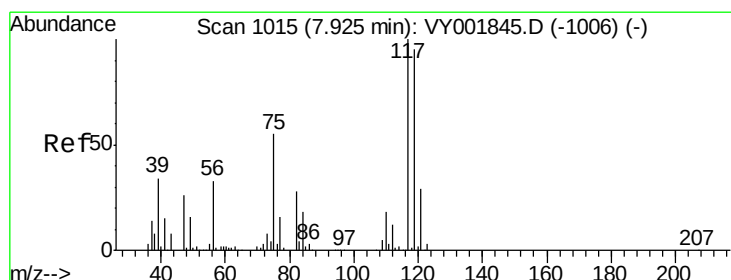
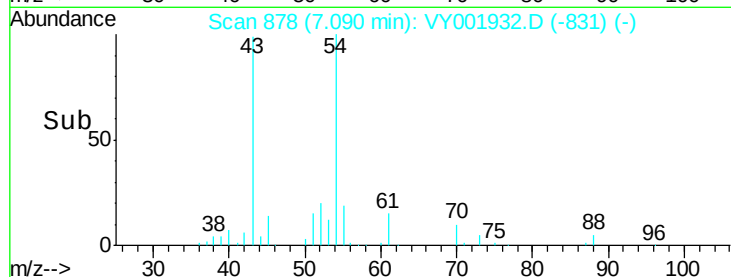
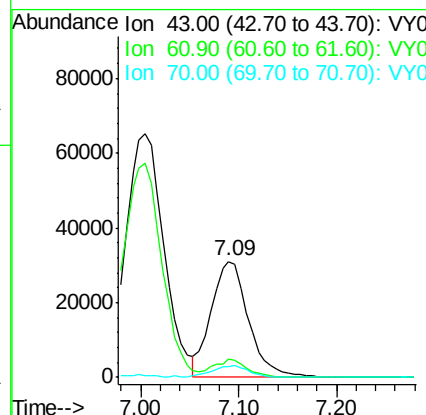
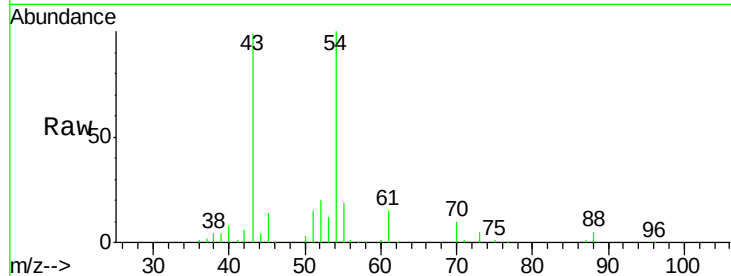
#37
Ethyl Acetate
Concen: 50.944 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.2	8.2	12.4

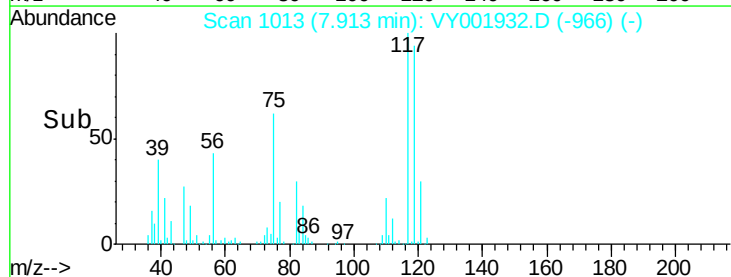
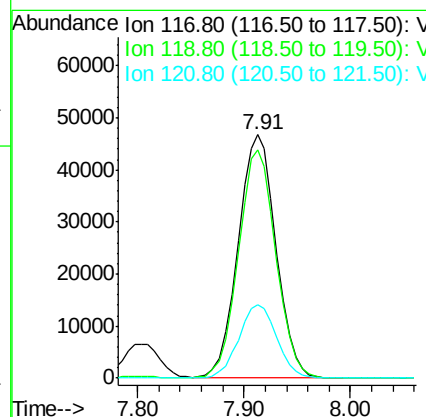
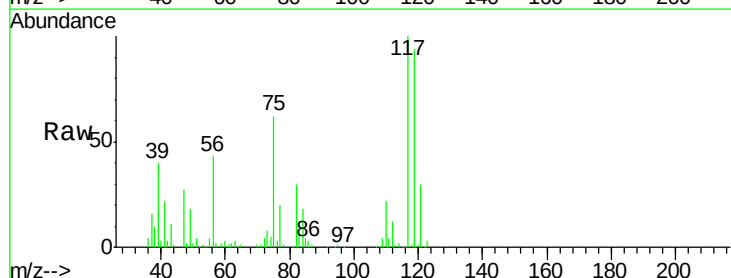
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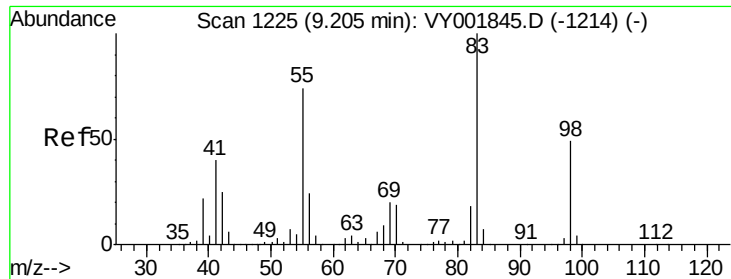
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#38
Carbon Tetrachloride
Concen: 49.216 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.3	114.5
121	29.9	23.5	35.3





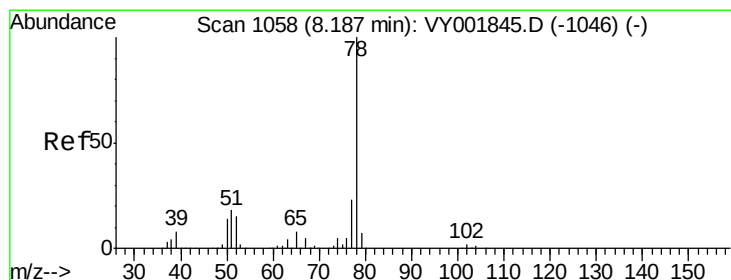
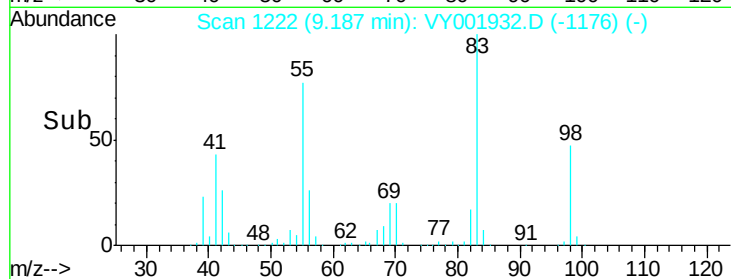
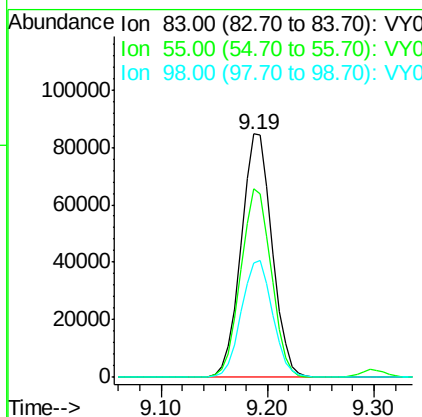
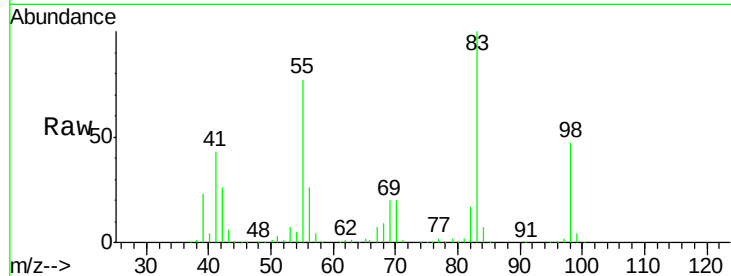
#39
Methylvlcyclohexane
Concen: 47.427 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	173419
Ion Ratio	Lower	Upper	
83	100		
55	77.2	59.4	89.0
98	46.7	38.9	58.3

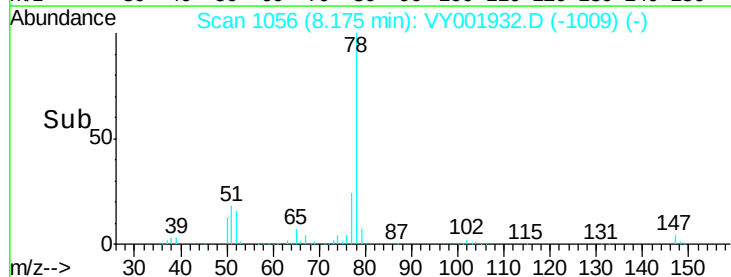
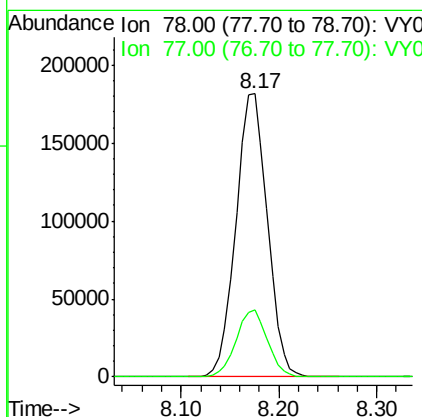
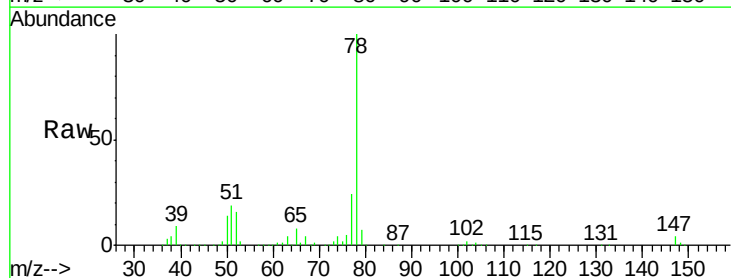
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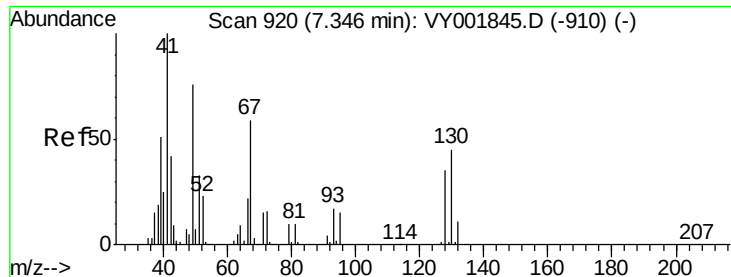
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#40
Benzene
Concen: 49.681 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	78	Resp	405960
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.7	28.1





#41

Methacrylonitrile

Concen: 66.520 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 47967

Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

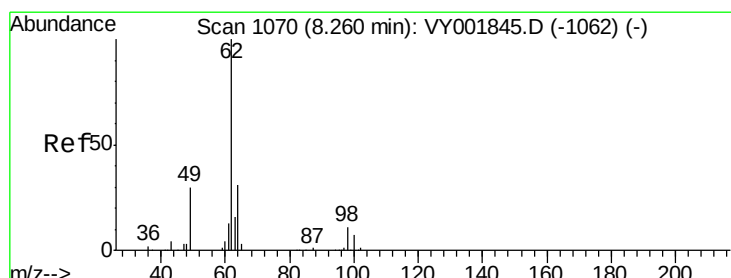
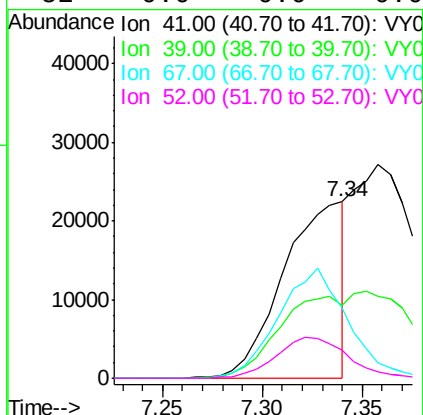
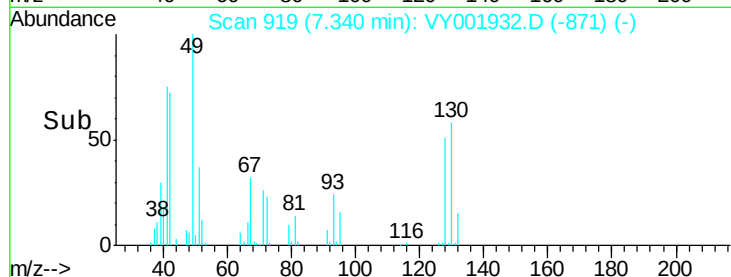
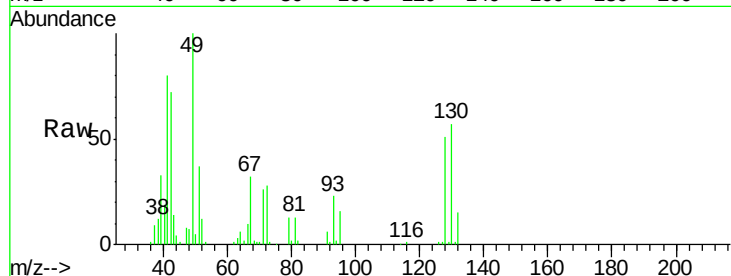
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.206 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY001932.D

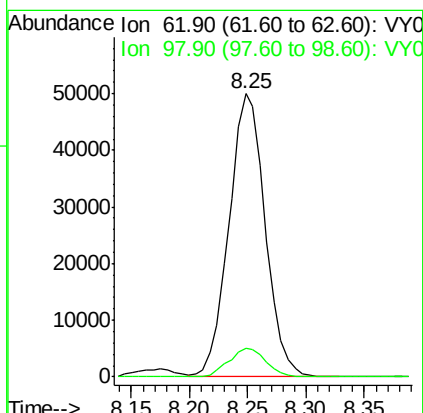
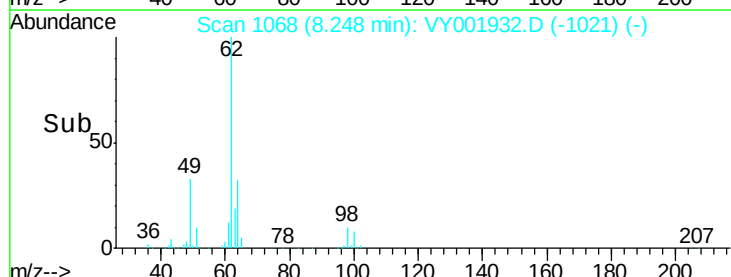
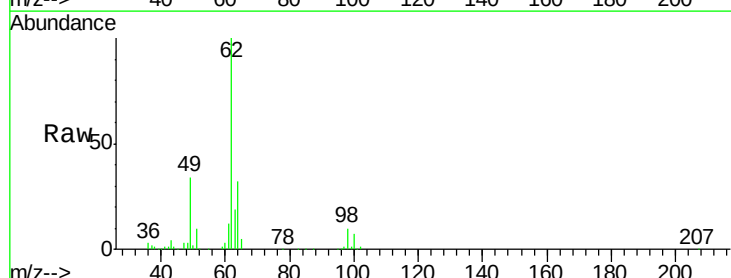
Acq: 10 Mar 2020 19:02

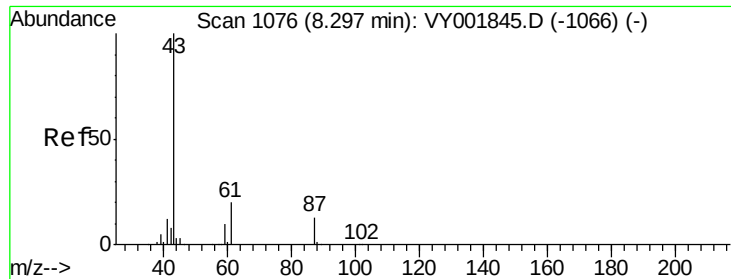
Tgt Ion: 62 Resp: 107821

Ion Ratio Lower Upper

62 100

98 10.4 0.0 21.4





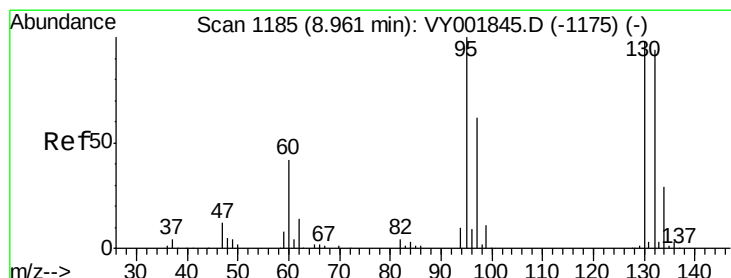
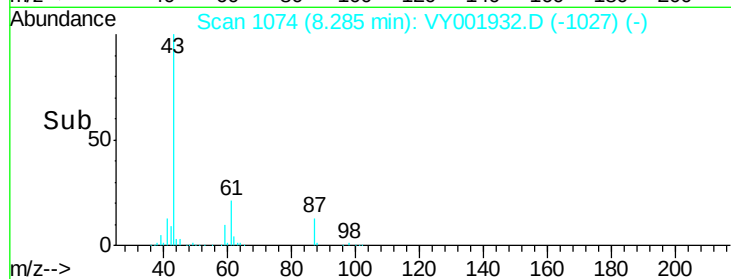
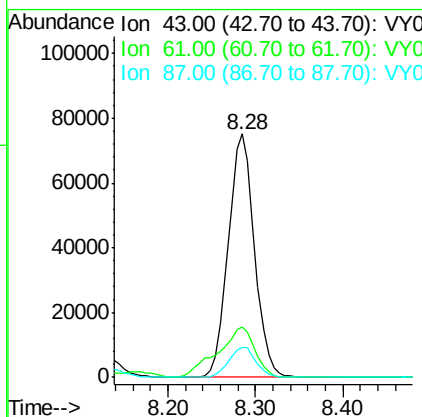
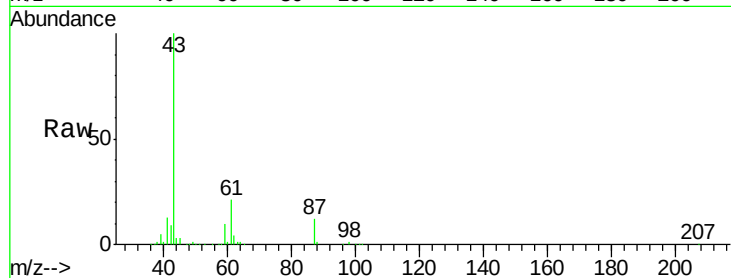
#43
Isopropyl Acetate
Concen: 51.520 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	13.0	10.9	16.3

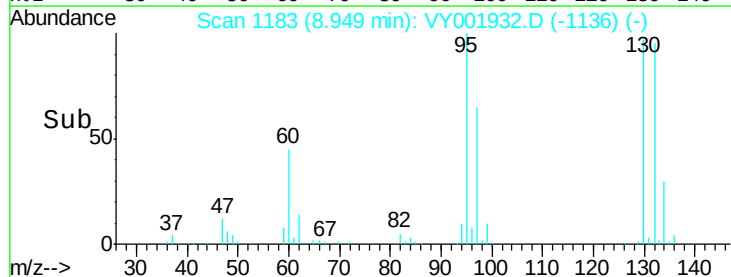
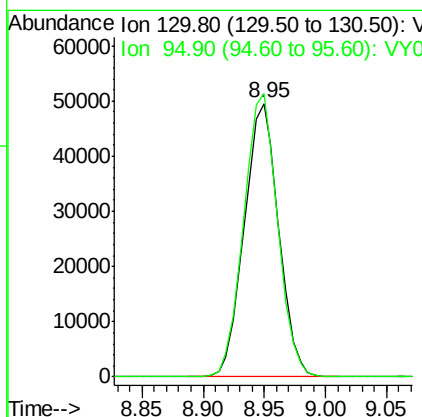
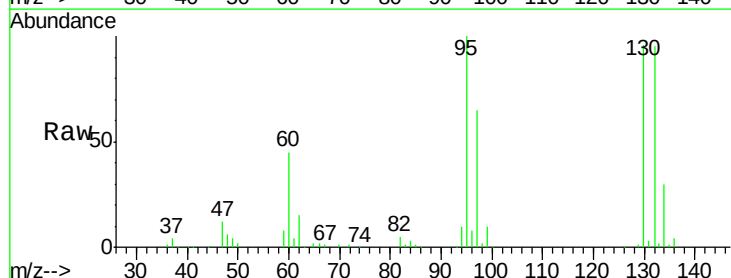
Manual Integrations
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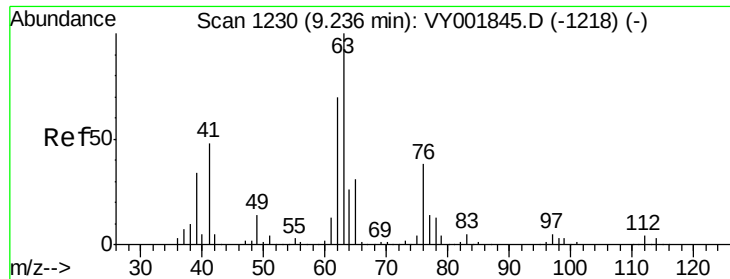
MMDadoda
3/11/2020 3:22:44 PM



#44
Trichloroethene
Concen: 48.515 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	204.6





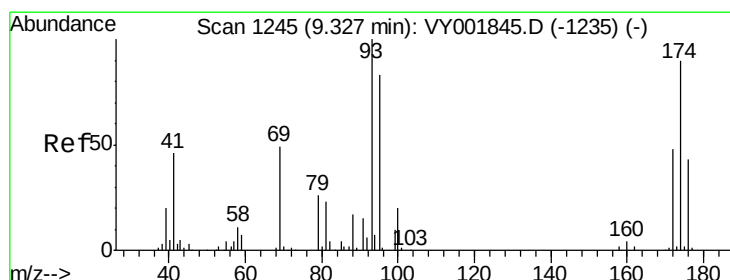
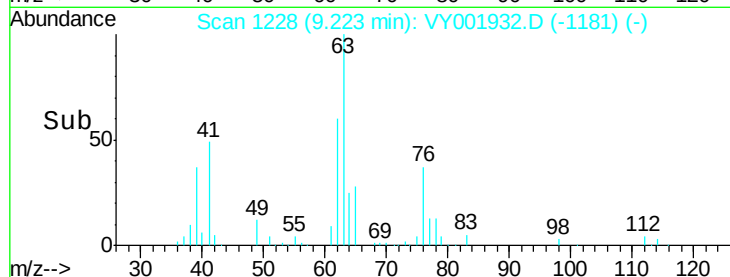
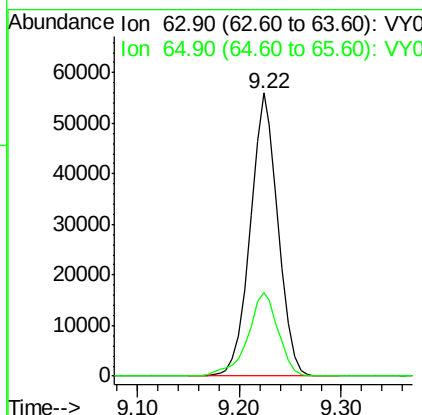
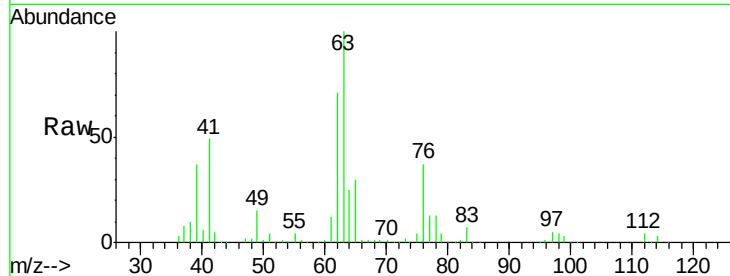
#45
 1,2-Dichloropropane
 Concen: 51.354 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 105488
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.9 37.3

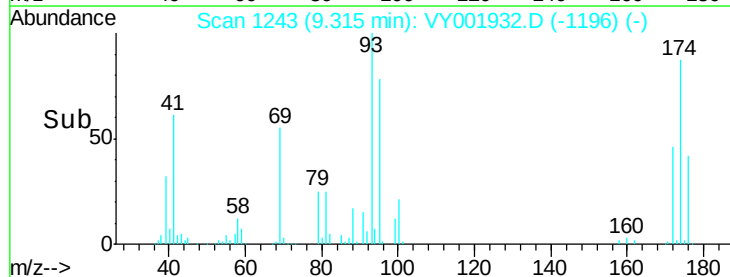
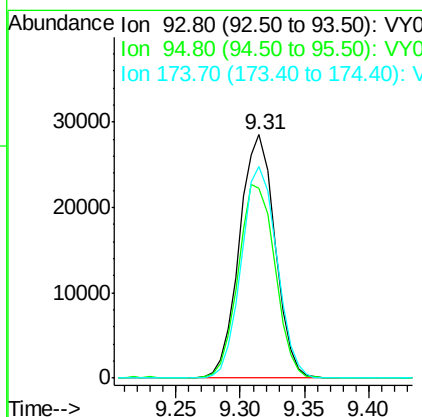
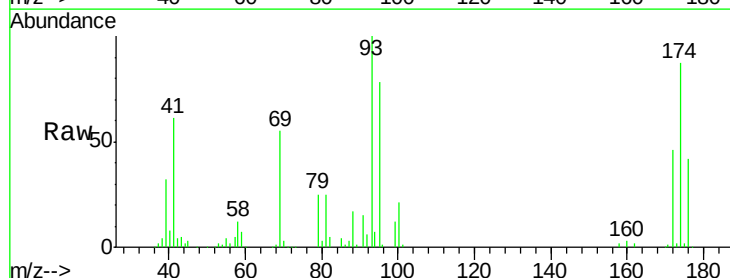
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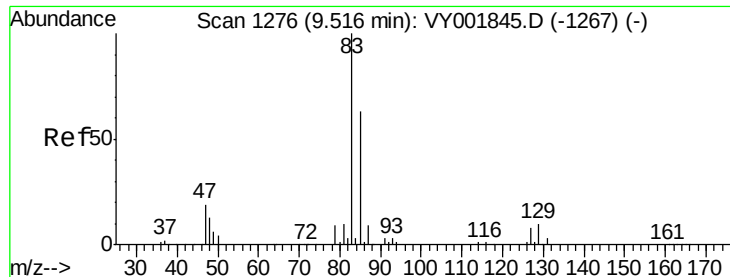
MMDadoda
 3/11/2020 3:22:44 PM



#46
 Dibromomethane
 Concen: 51.576 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion: 93 Resp: 54596
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 86.5 71.8 107.8





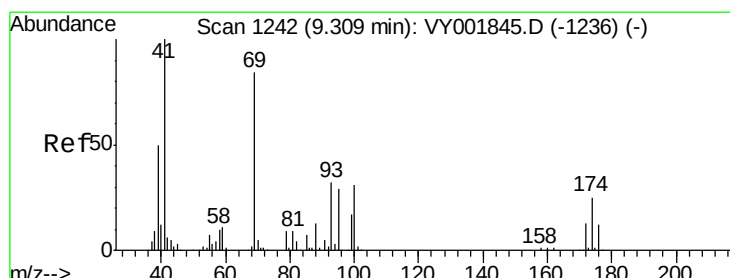
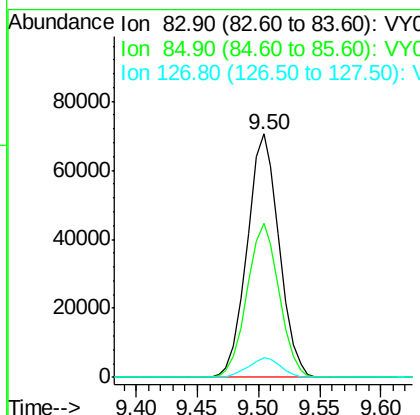
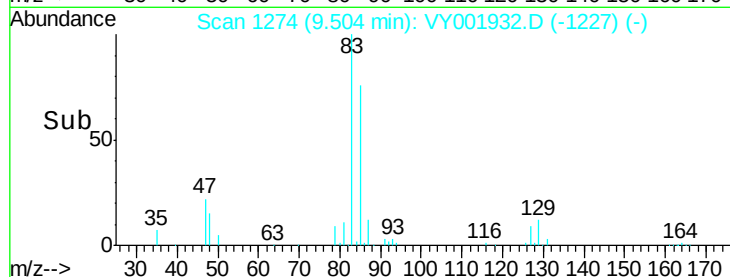
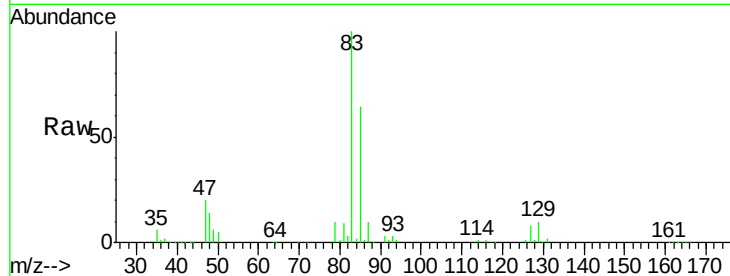
#47
Bromodichloromethane
Concen: 52.131 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.5	50.6	76.0	
127	7.8	6.2	9.4	

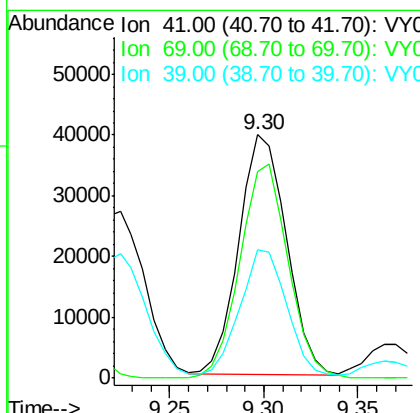
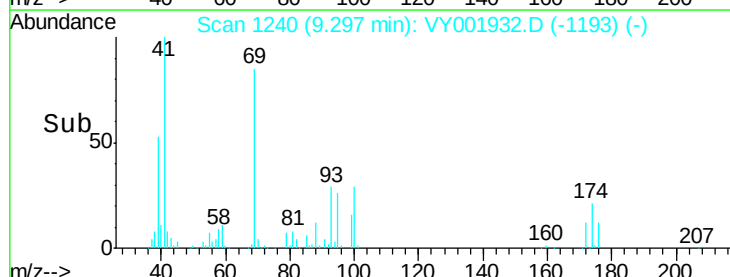
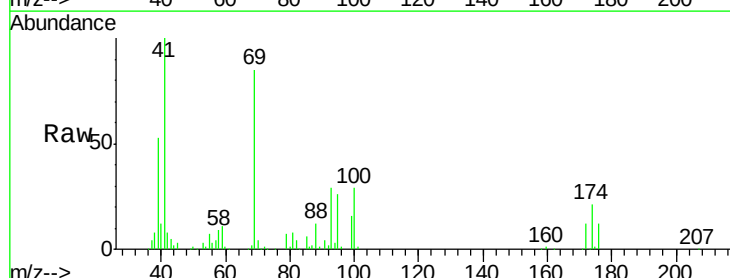
Manual Integrations
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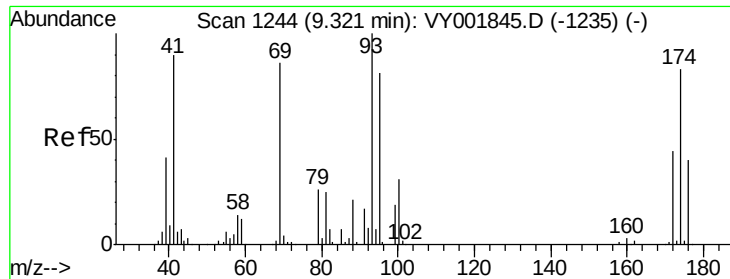
MMDadoda
3/11/2020 3:22:44 PM



#48
Methyl methacrylate
Concen: 51.470 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	90.6	69.0	103.6	
39	53.9	39.1	58.7	





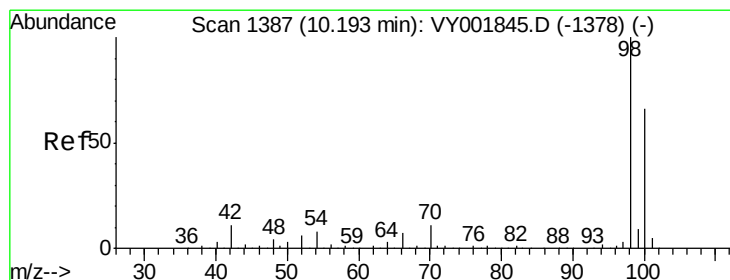
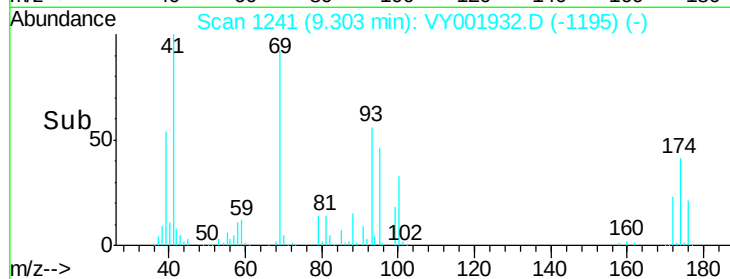
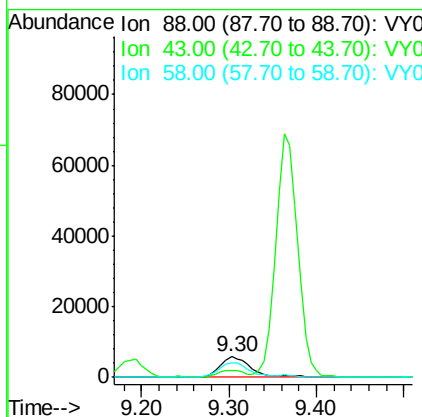
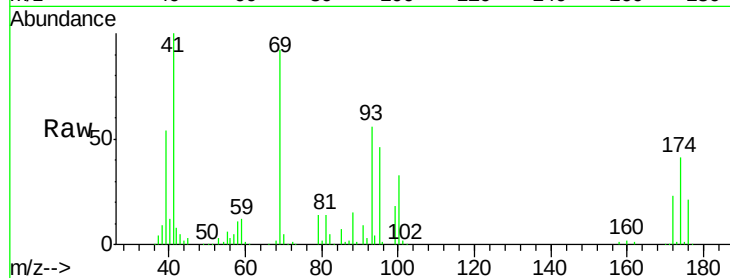
#49
 1,4-Dioxane
 Concen: 997.605 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	14470
Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.0	37.6
58	69.1	58.9	88.3

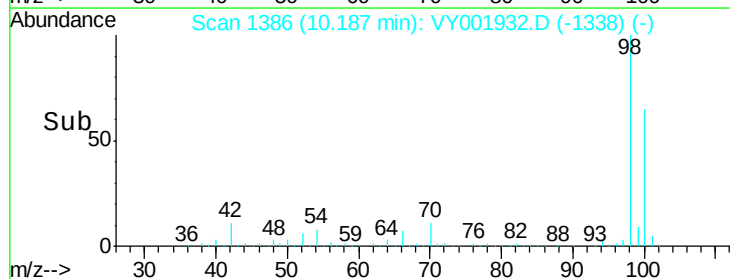
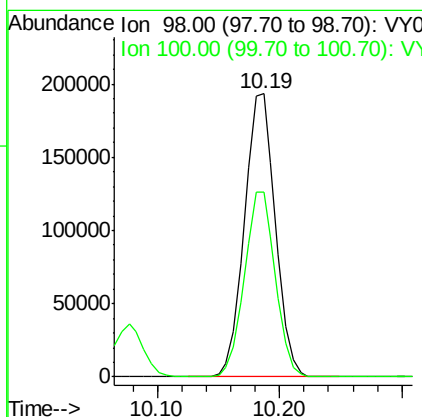
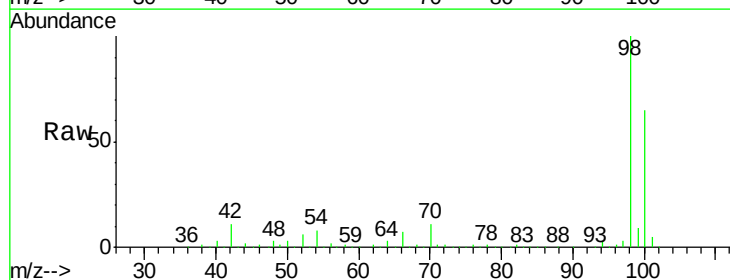
Manual Integrations
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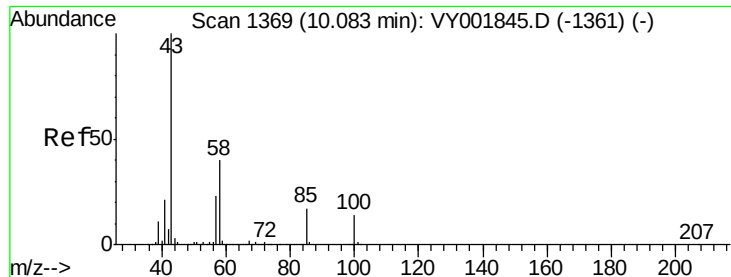
MMDadoda
 3/11/2020 3:22:44 PM



#50
 Toluene-d8
 Concen: 51.365 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	98	Resp	338832
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 260.906 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 407671

Ion Ratio Lower Upper

43 100

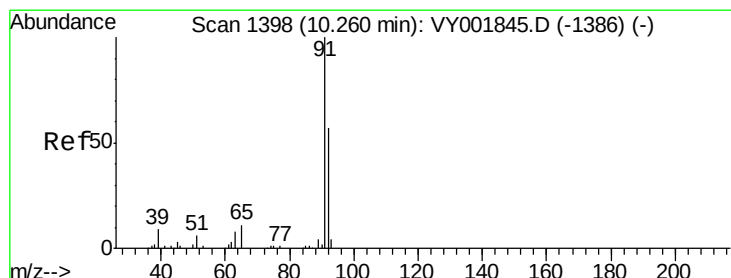
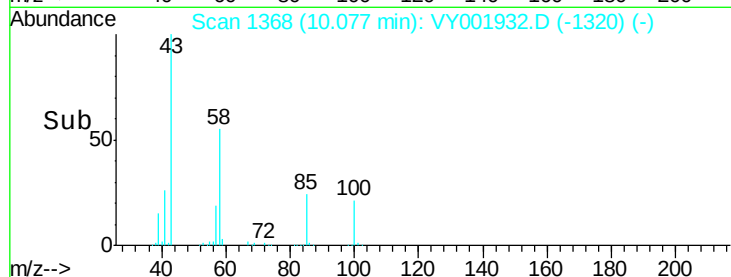
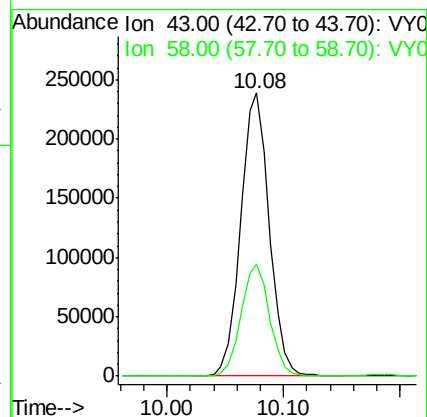
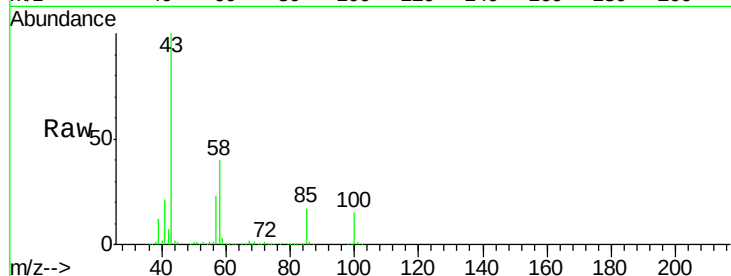
58 39.5 32.0 48.0

Manual Integrations

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#52

Toluene

Concen: 49.930 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001932.D

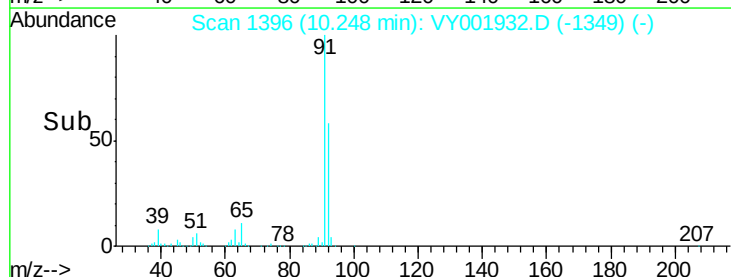
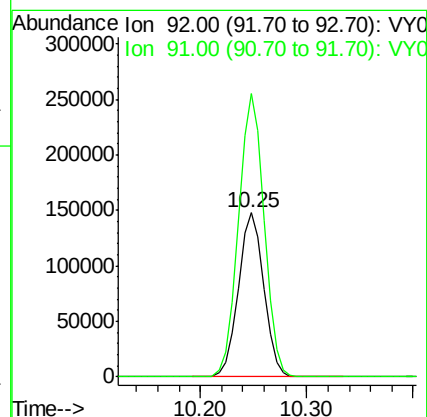
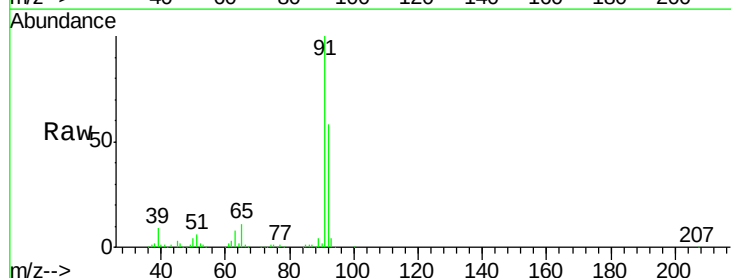
Acq: 10 Mar 2020 19:02

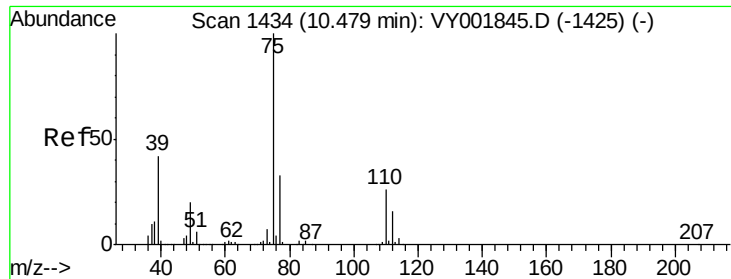
Tgt Ion: 92 Resp: 247848

Ion Ratio Lower Upper

92 100

91 173.5 138.6 208.0





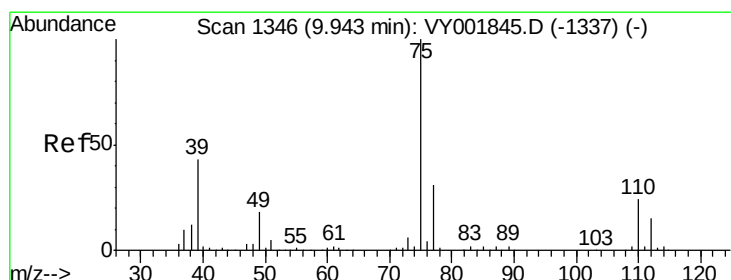
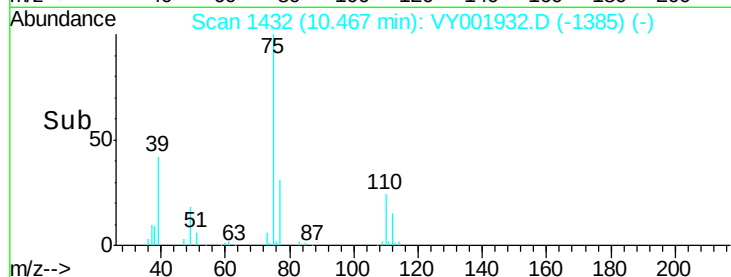
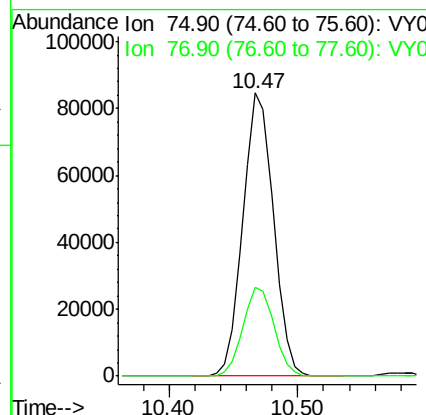
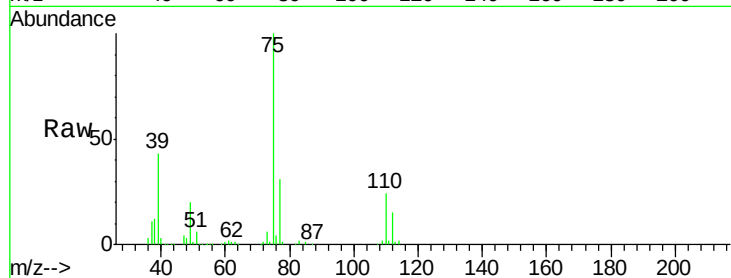
#53
 t-1,3-Dichloropropene
 Concen: 51.845 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.3	39.5

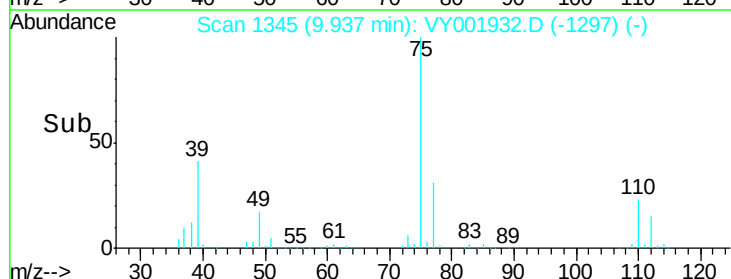
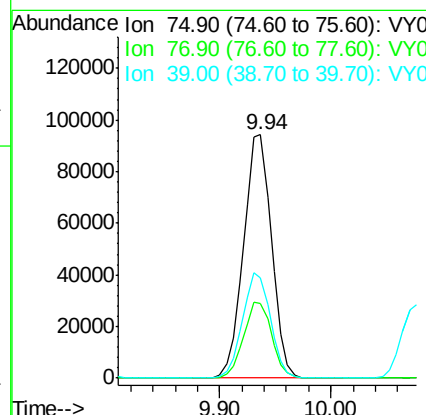
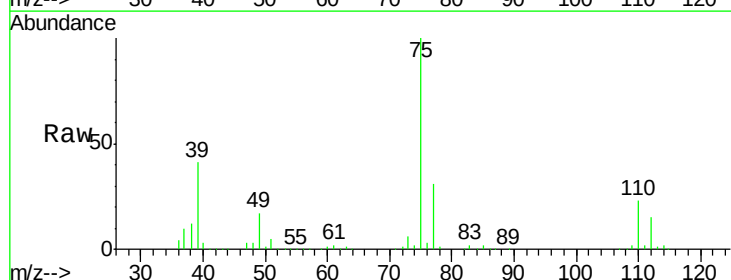
Manual Integrations
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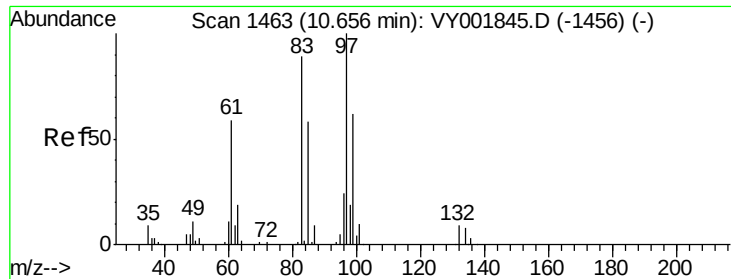
MMDadoda
 3/11/2020 3:22:44 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.552 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.1	37.7
39	41.0	34.7	52.1





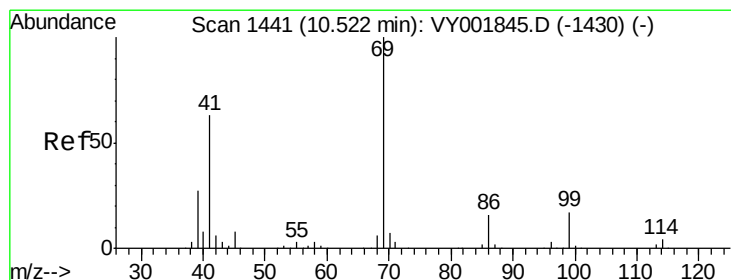
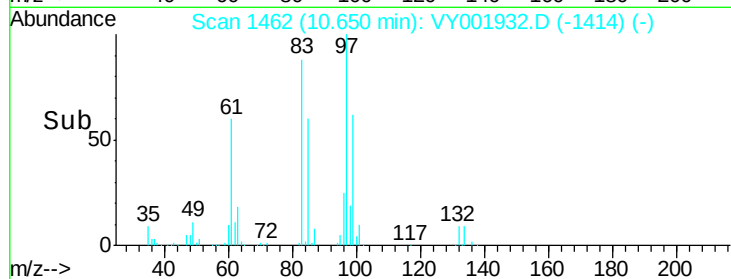
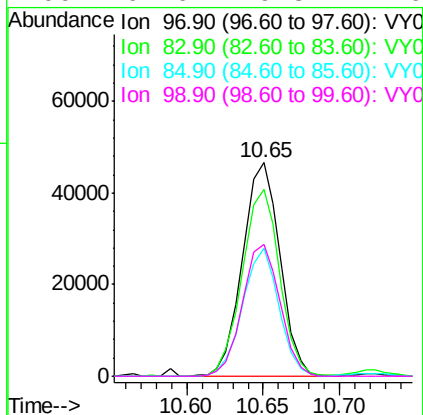
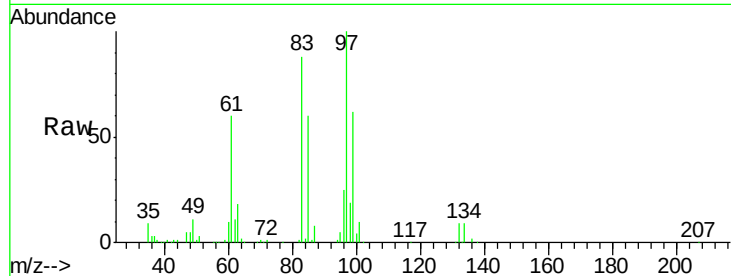
#55
 1,1,2-Trichloroethane
 Concen: 51.196 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.7	71.6	107.4
85	60.1	46.6	69.8
99	61.6	49.8	74.6

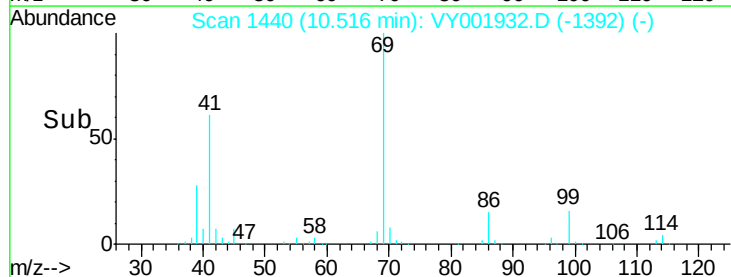
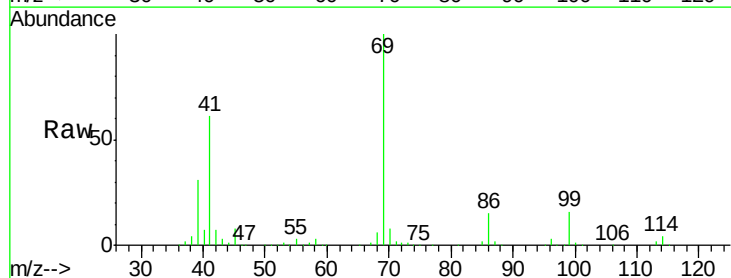
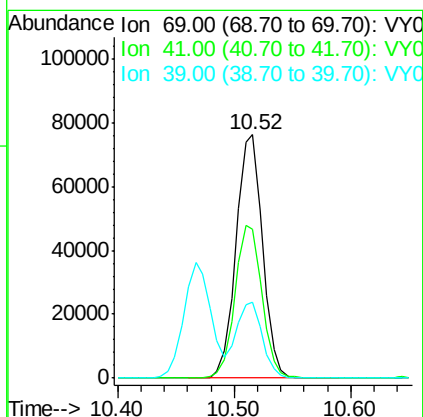
Manual Integrations
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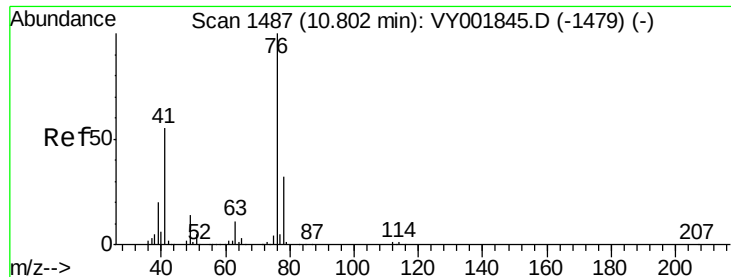
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#56
 Ethyl methacrylate
 Concen: 53.459 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.9	74.9
39	30.6	23.0	34.6





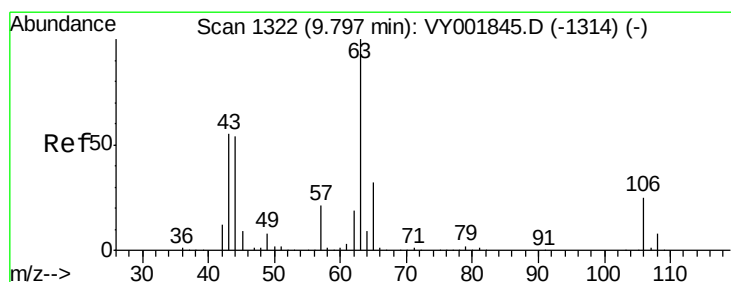
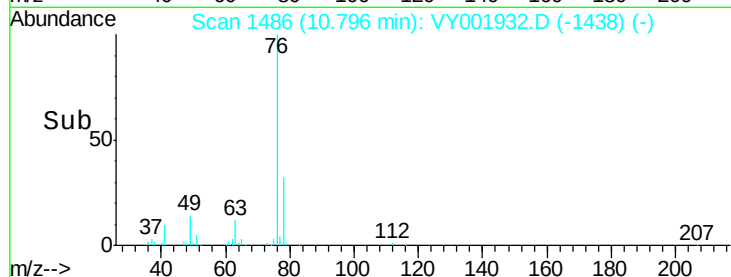
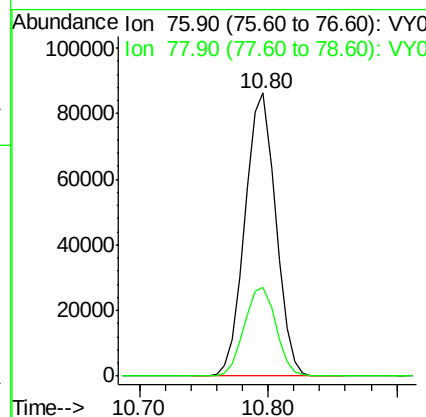
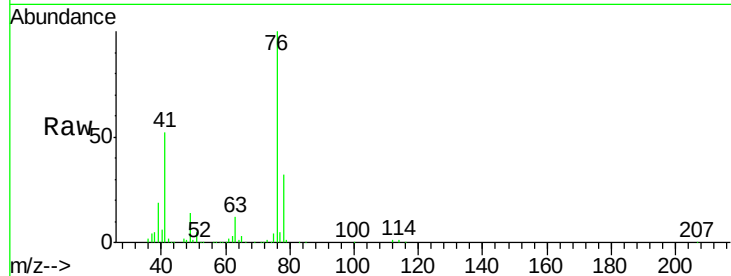
#57
 1,3-Dichloropropane
 Concen: 51.431 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 142025
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6

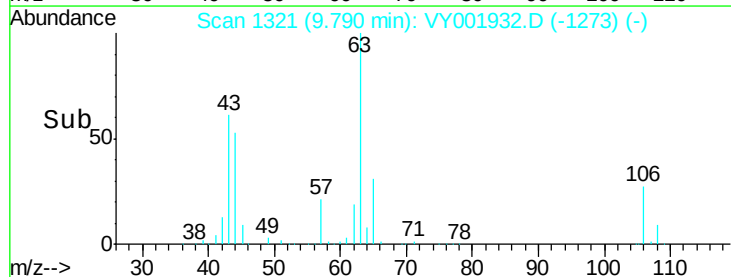
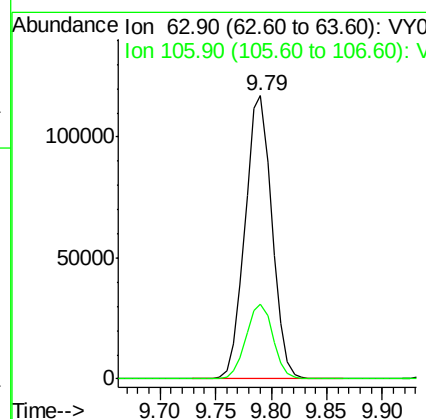
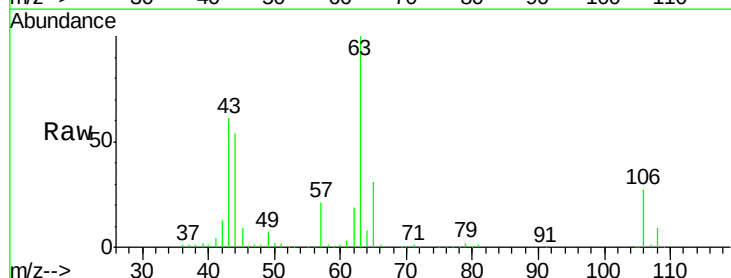
Manual Integrations
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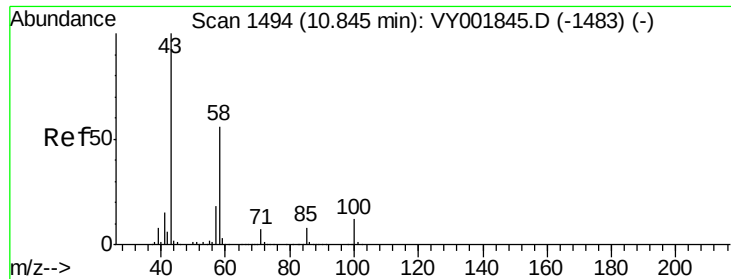
MMDadoda
 3/11/2020 3:22:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.659 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion: 63 Resp: 196137
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9





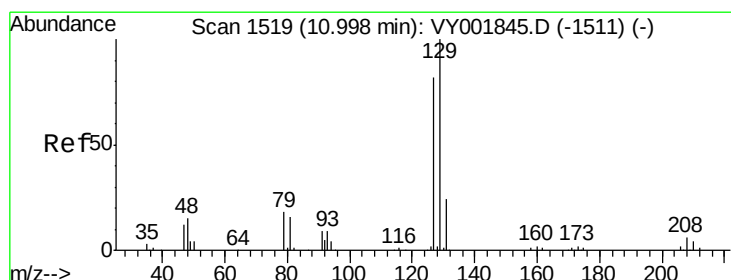
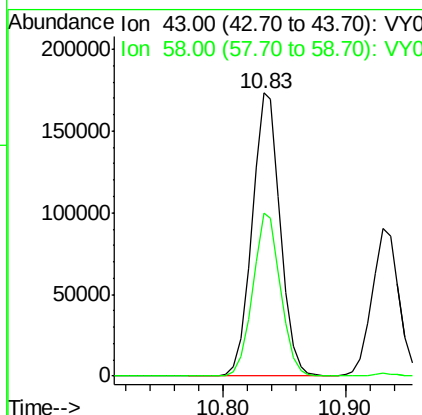
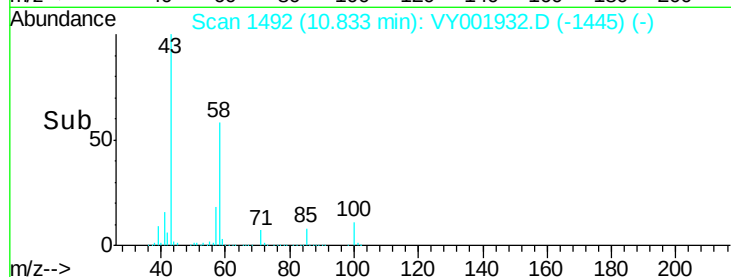
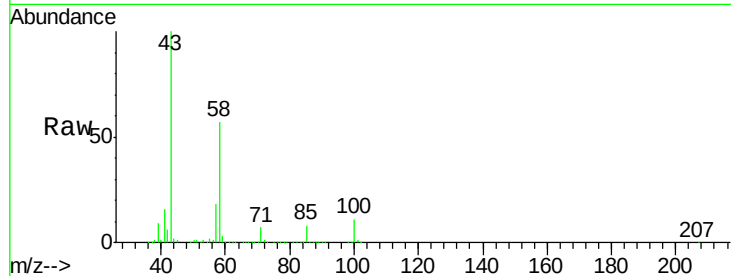
#59
2-Hexanone
Concen: 248.053 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 276643
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3

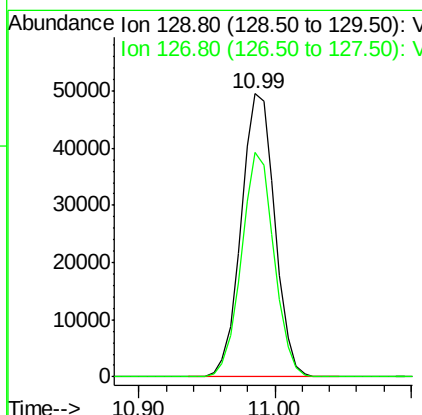
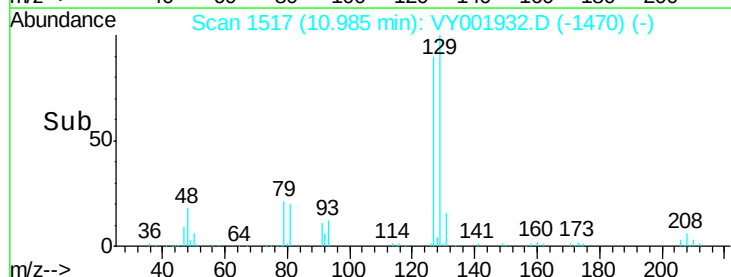
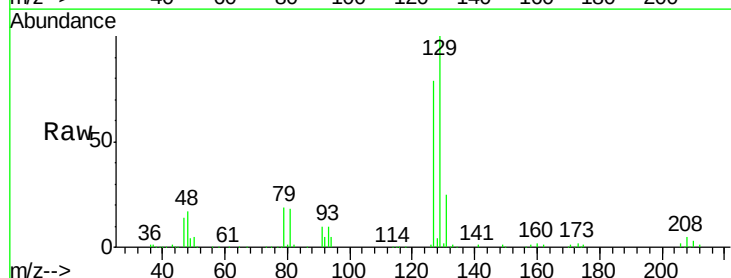
Manual Integrations
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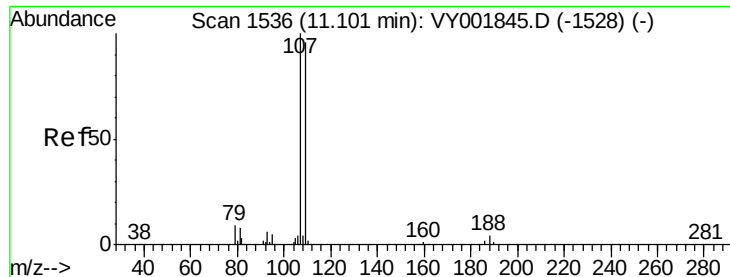
MMDadoda
3/11/2020 3:22:44 PM



#60
Dibromochloromethane
Concen: 52.396 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 129 Resp: 85531
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





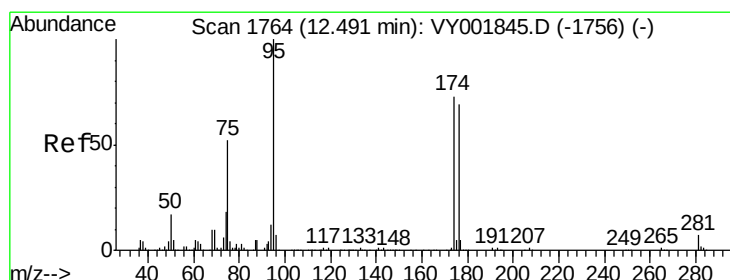
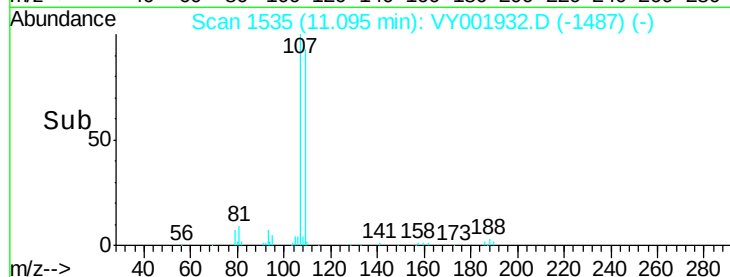
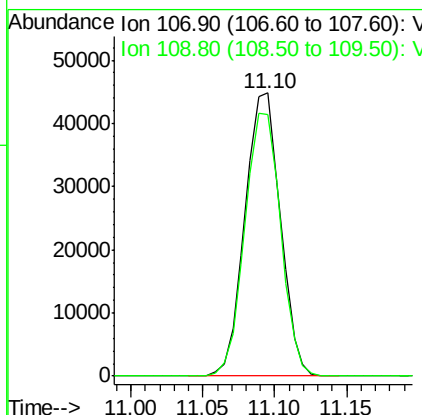
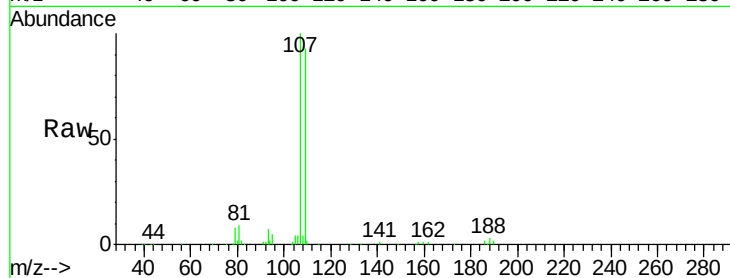
#61
 1,2-Dibromoethane
 Concen: 51.963 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.0

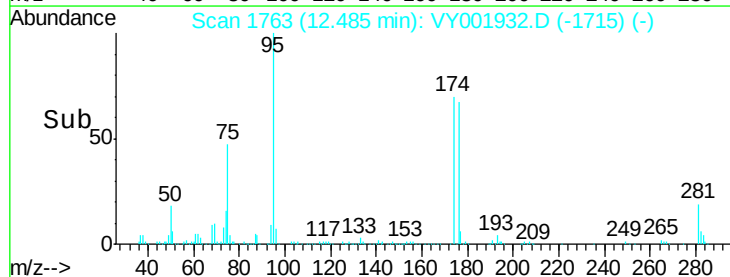
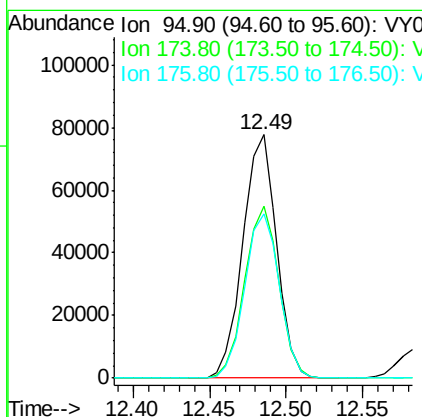
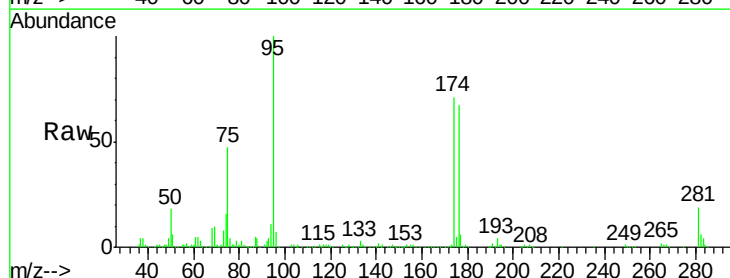
Manual Integrations
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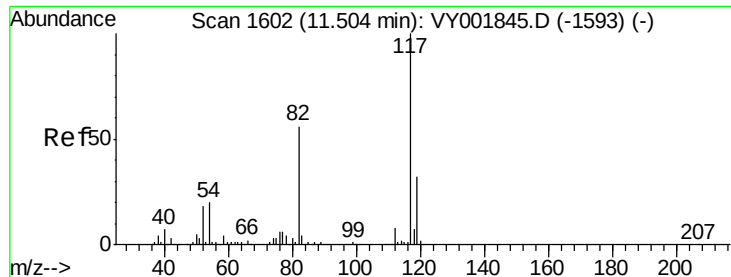
MMDadoda
 3/11/2020 3:22:44 PM



#62
 4-Bromofluorobenzene
 Concen: 51.968 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	145.0
176	69.0	0.0	137.4





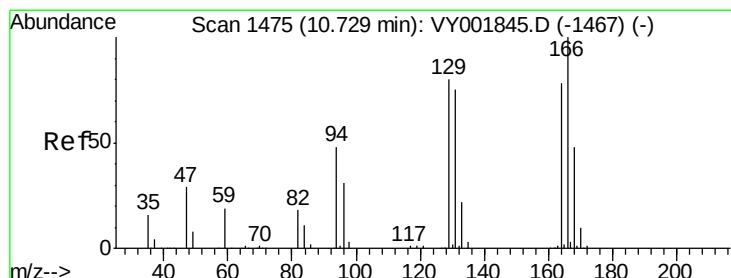
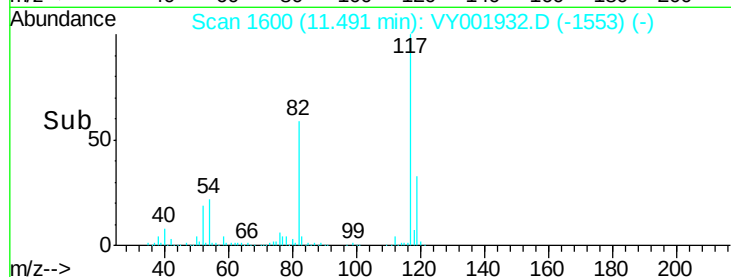
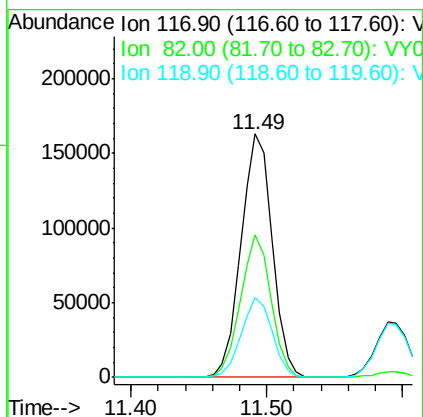
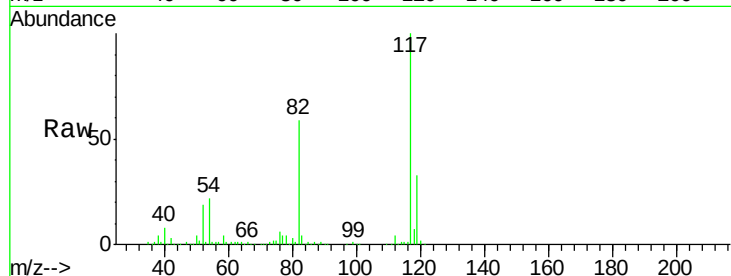
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	260986		
82	58.7		44.5	66.7
119	32.8		25.7	38.5

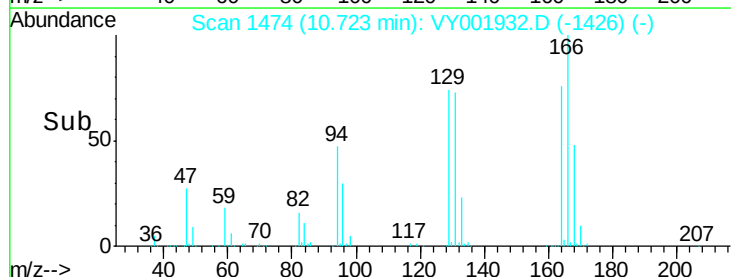
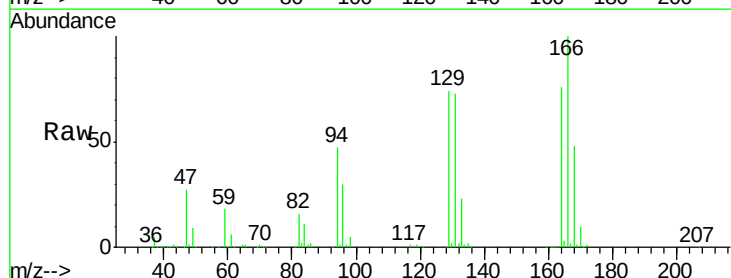
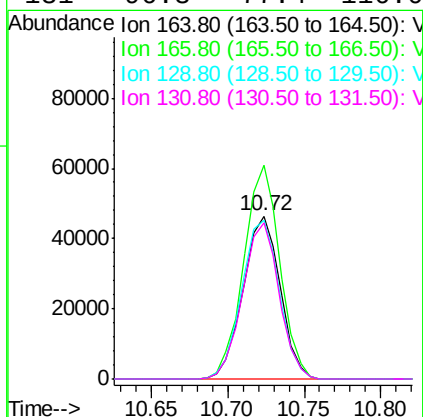
Manual Integrations
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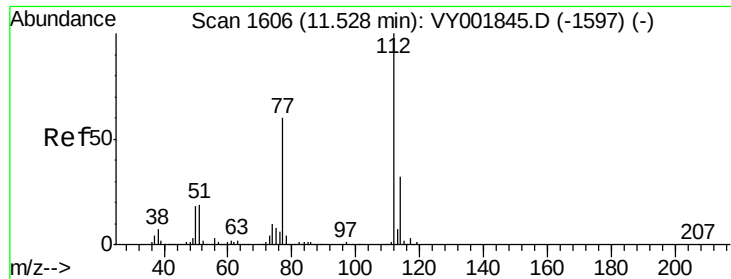
MMDadoda
3/11/2020 3:22:44 PM



#64
Tetrachloroethene
Concen: 47.667 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78017		
166	131.2		102.6	154.0
129	97.2		82.3	123.5
131	96.3		77.4	116.0





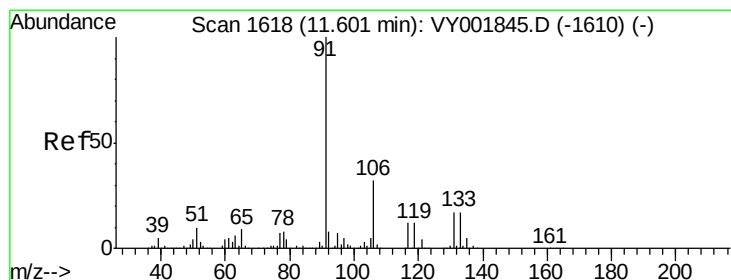
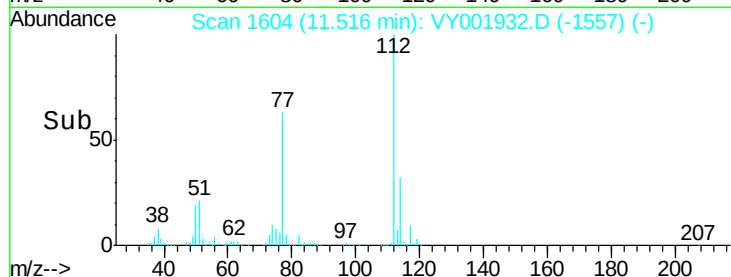
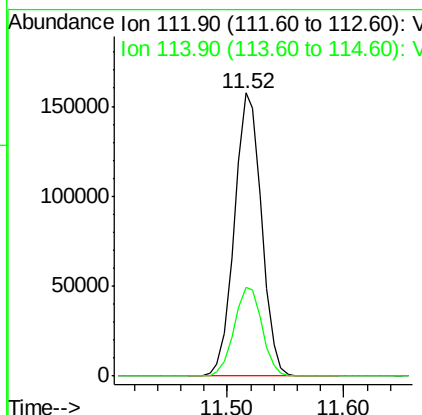
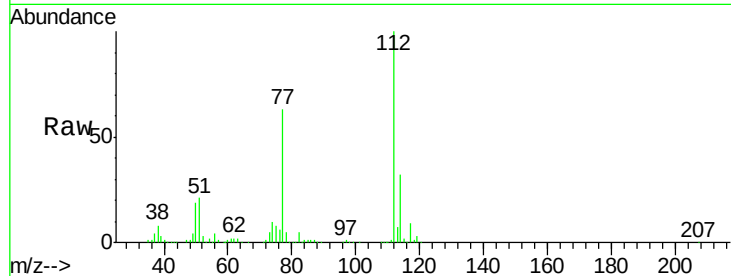
#65
Chlorobenzene
Concen: 48.985 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.9	38.9

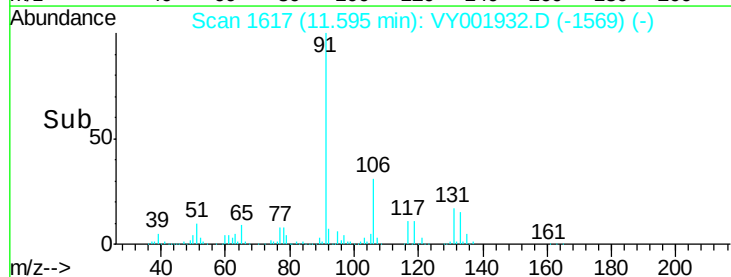
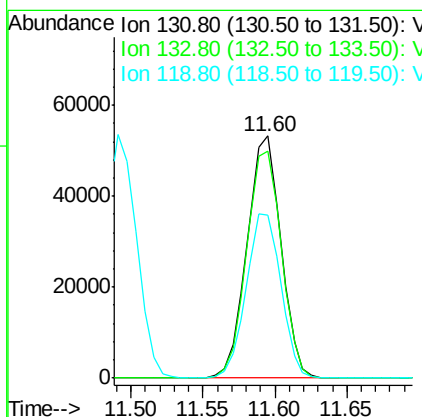
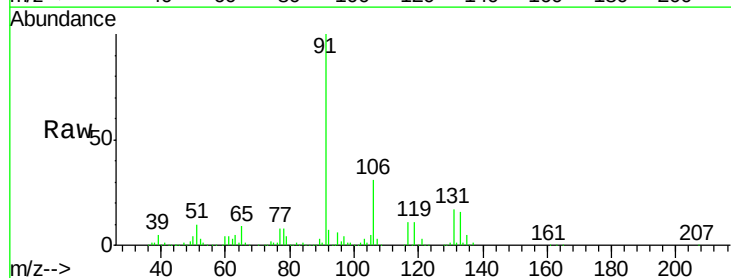
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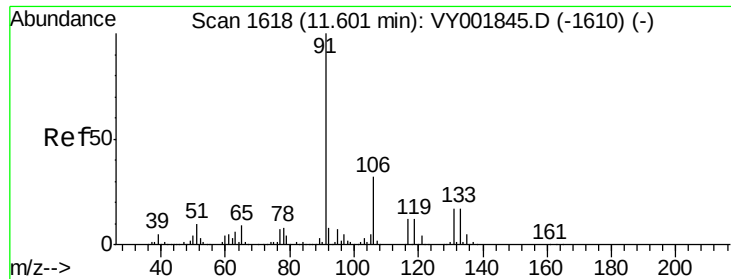
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.771 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.1	141.3
119	69.5	34.5	103.6





#67

Ethyl Benzene

Concen: 49.616 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 481197

Ion Ratio Lower Upper

91 100

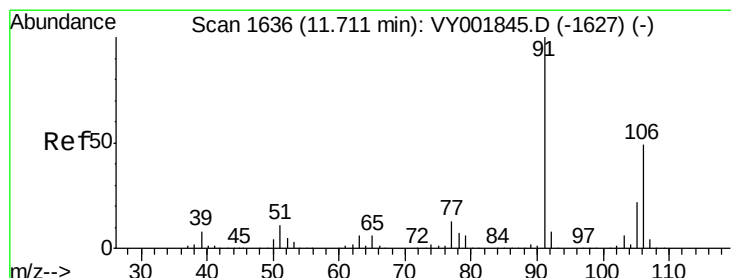
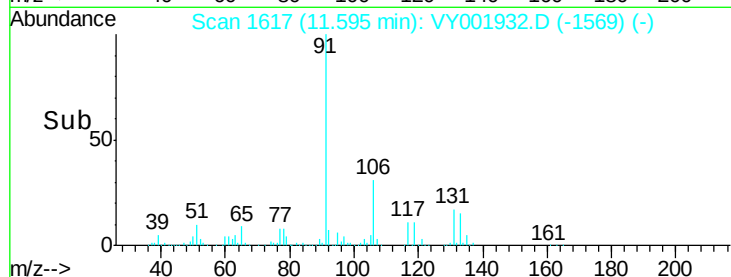
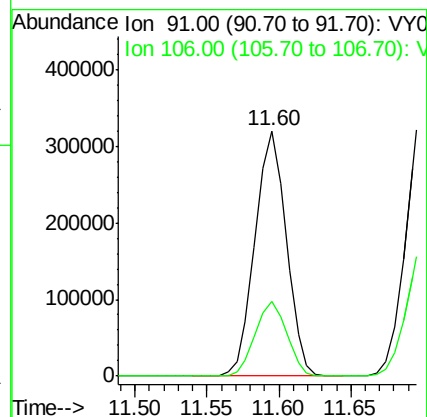
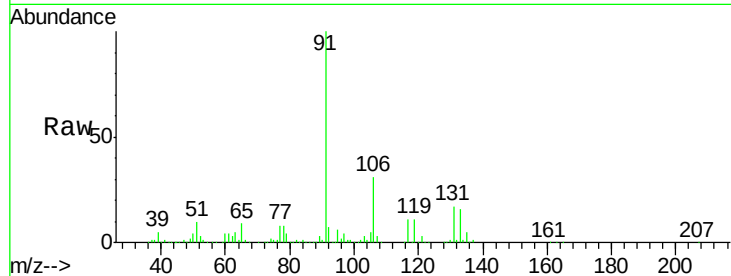
106 30.5 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.554 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001932.D

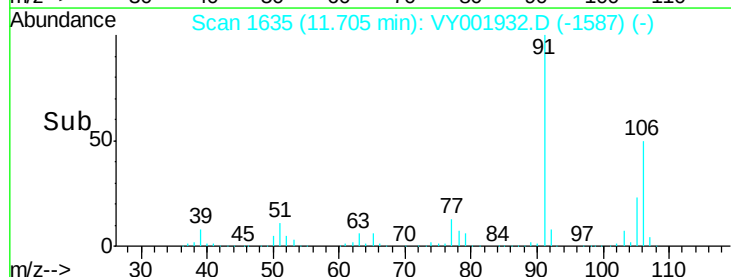
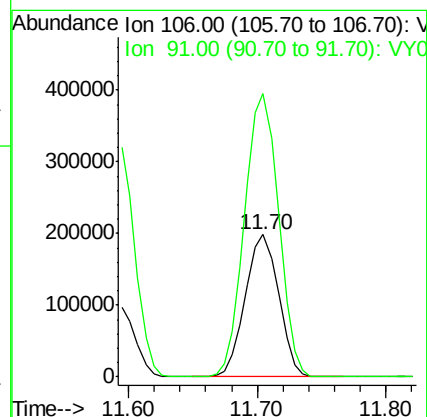
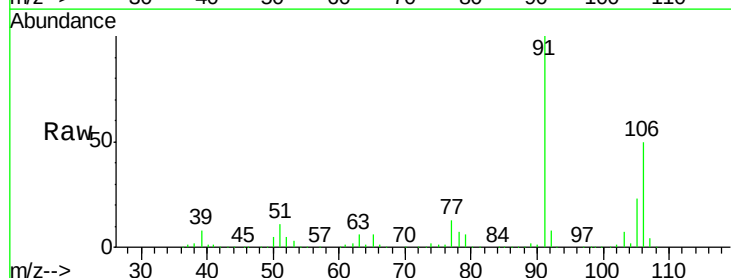
Acq: 10 Mar 2020 19:02

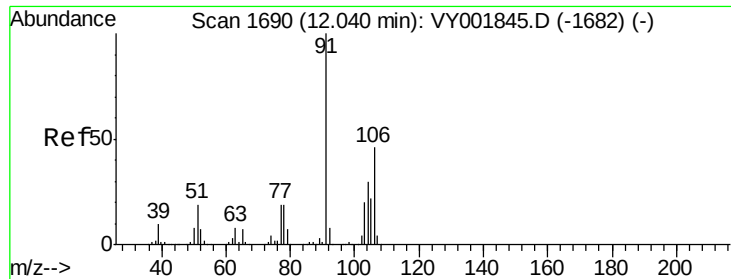
Tgt Ion: 106 Resp: 356963

Ion Ratio Lower Upper

106 100

91 202.4 161.3 241.9





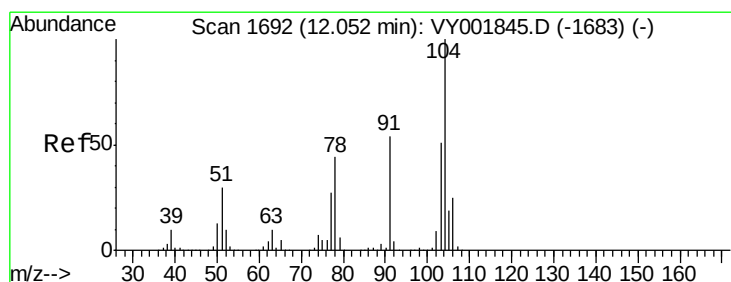
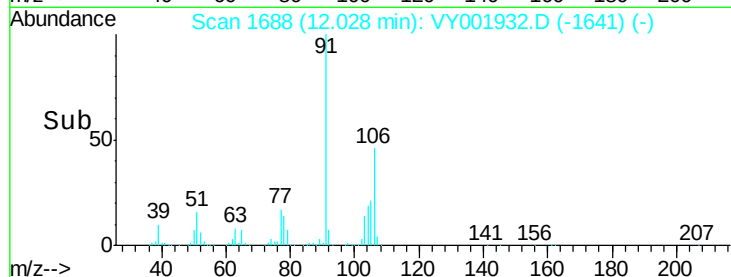
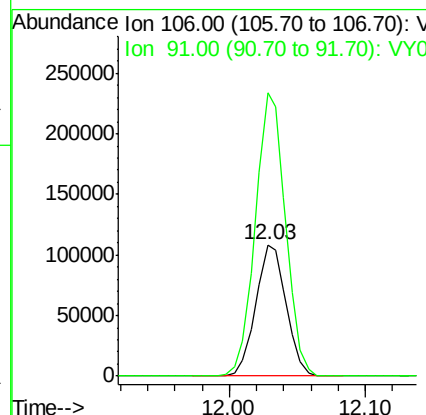
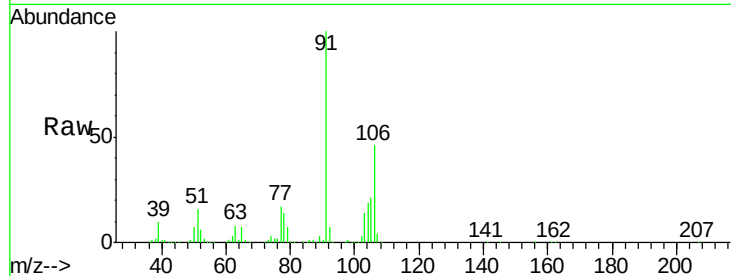
#69
o-Xylene
Concen: 50.156 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.0	106.8	320.4		

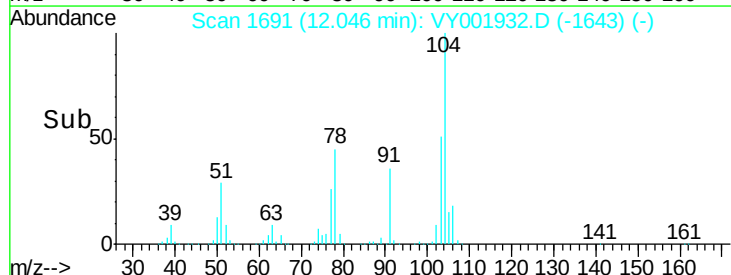
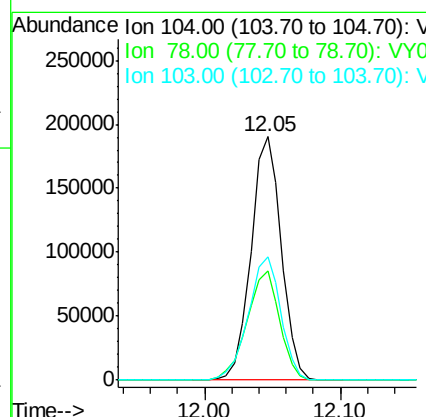
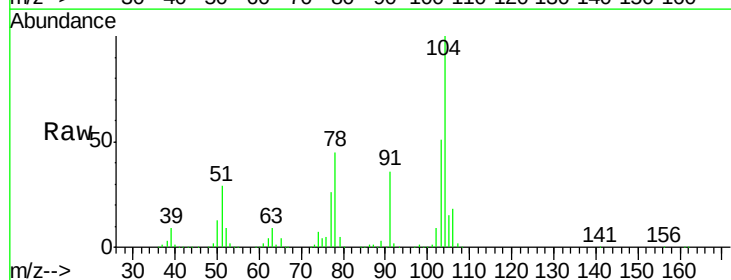
Manual Integrations
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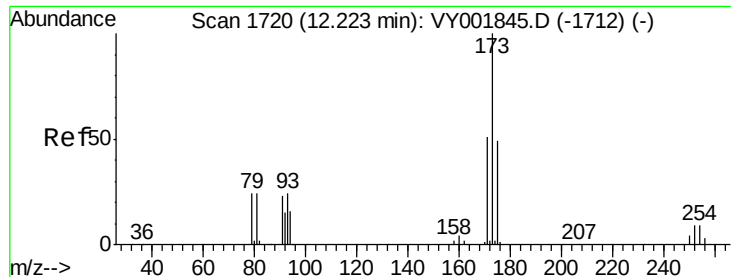
MMDadoda
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#70
Styrene
Concen: 51.353 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.4	38.5	57.7		
103	54.6	42.9	64.3		





#71

Bromoform

Concen: 51.973 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

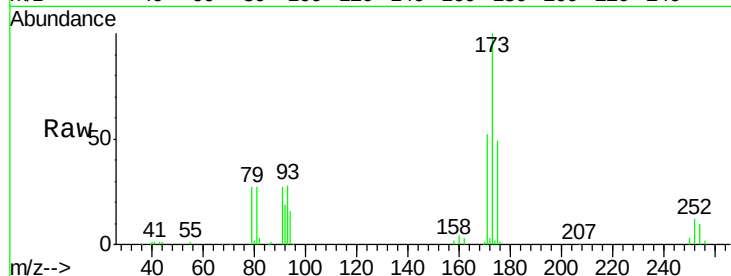
ClientSampleId :

VSTDCCC050EC

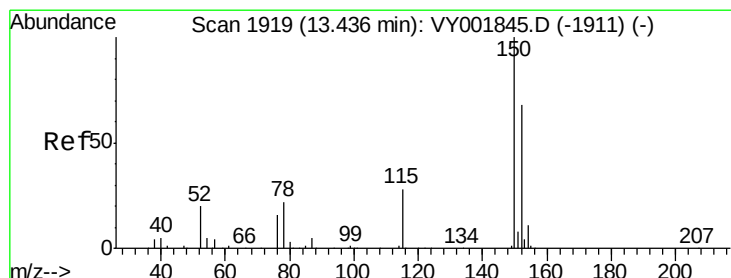
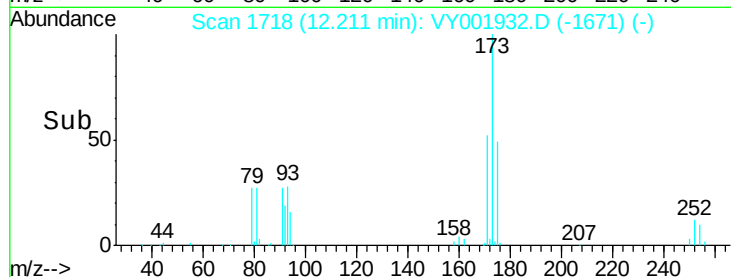
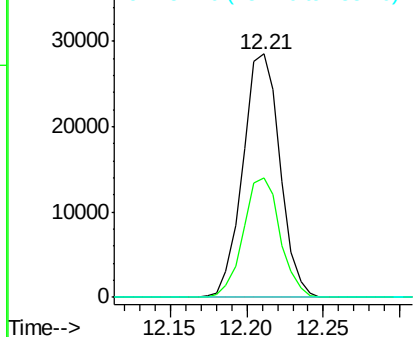
Tot Ion:	173	Resp:	48066
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	72.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

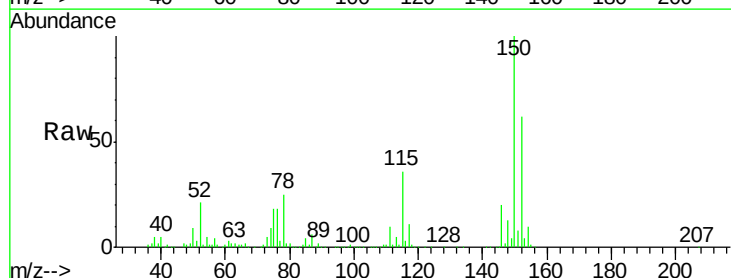
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

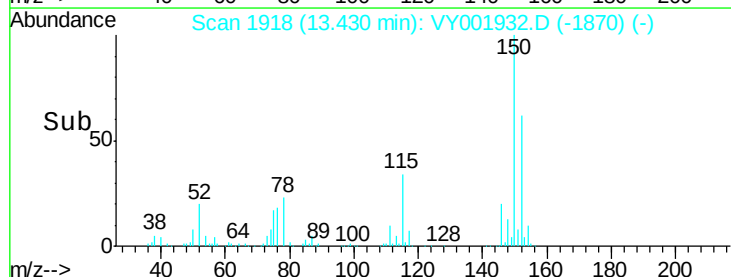
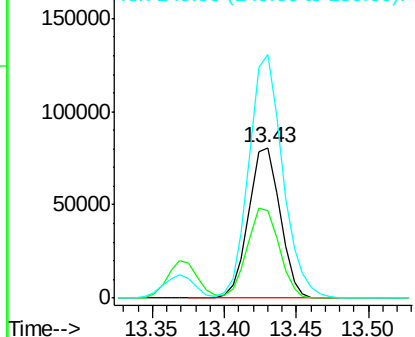
Lab File: VY001932.D

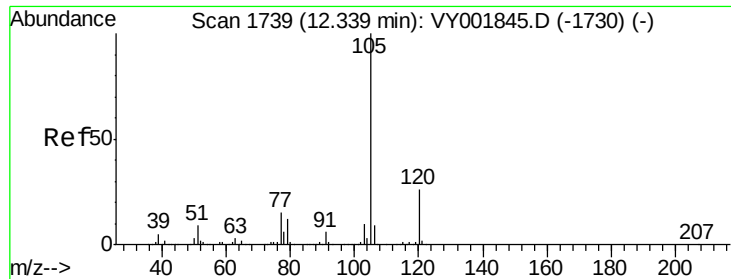
Acq: 10 Mar 2020 19:02

Tgt Ion:	152	Resp:	122183
Ion Ratio	Lower	Upper	
152	100		
115	60.5	29.9	89.7
150	173.4	0.0	340.6



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





#73

Isopropylbenzene

Concen: 48.339 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 450863

Ion Ratio Lower Upper

105 100

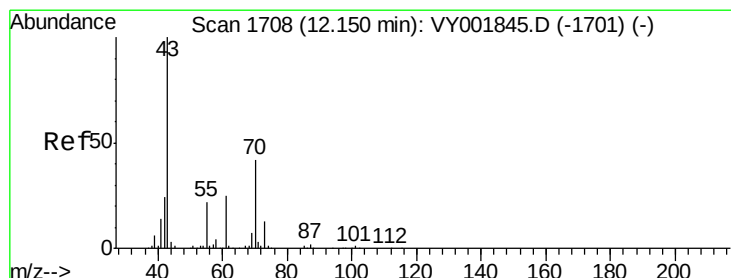
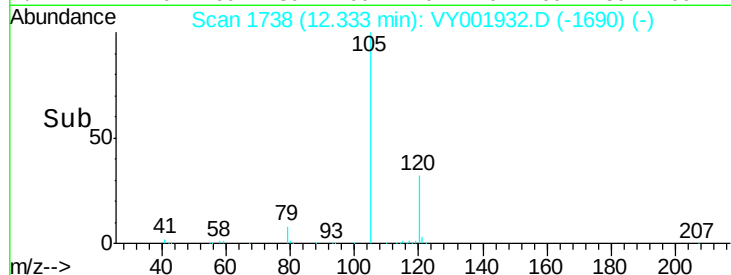
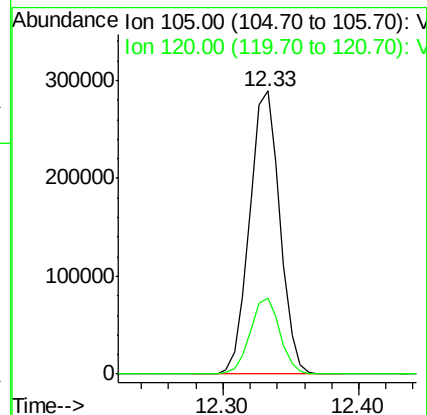
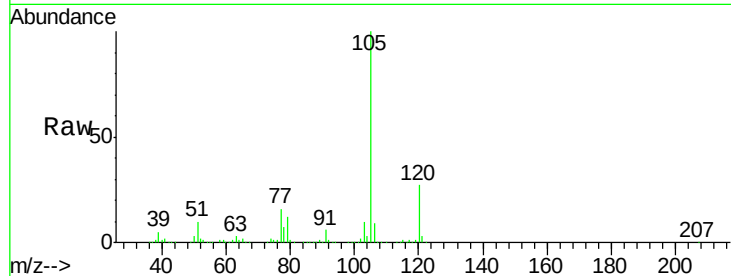
120 26.5 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.054 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Tgt Ion: 43 Resp: 146352

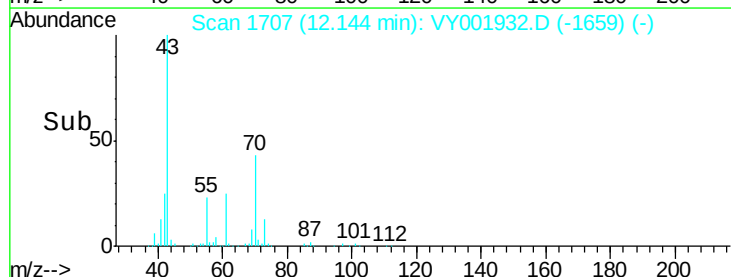
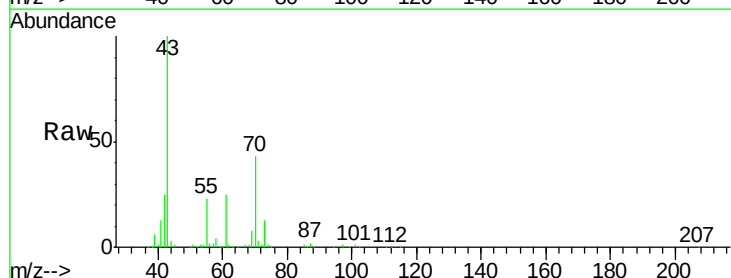
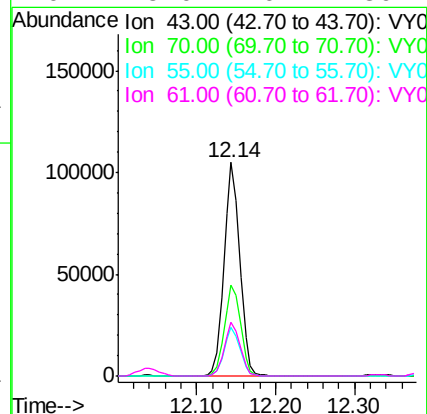
Ion Ratio Lower Upper

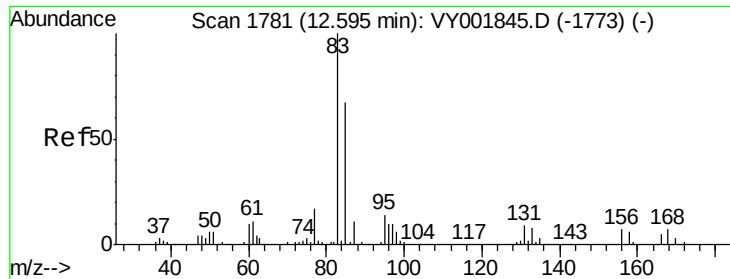
43 100

70 43.8 34.7 52.1

55 23.0 18.2 27.4

61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.285 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

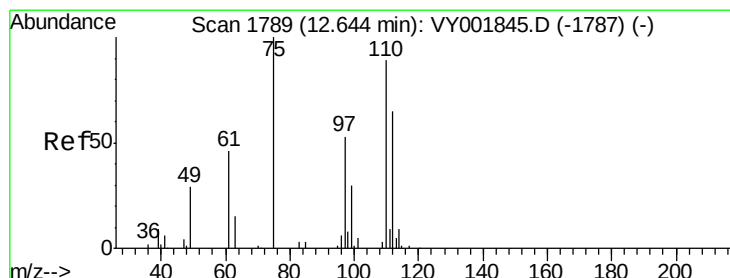
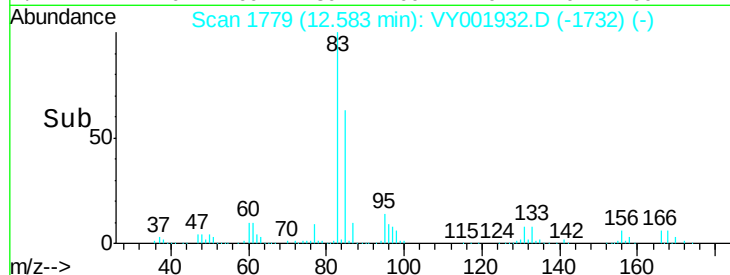
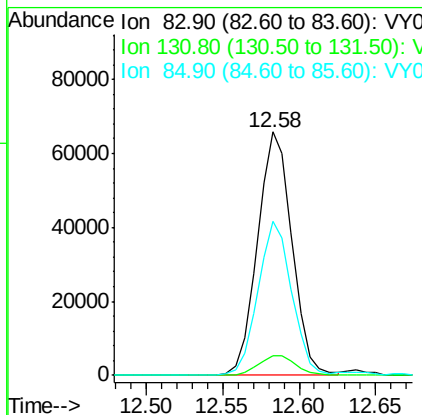
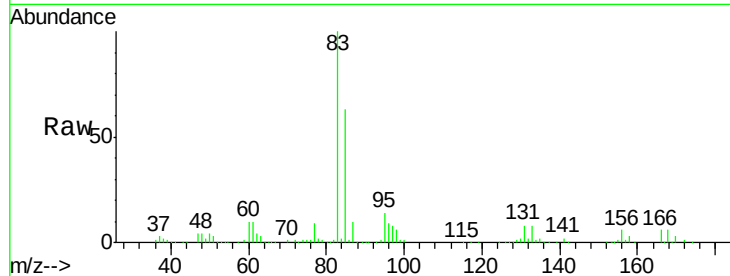
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	103154
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.6	13.8
85	61.9	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.275 ug/l m

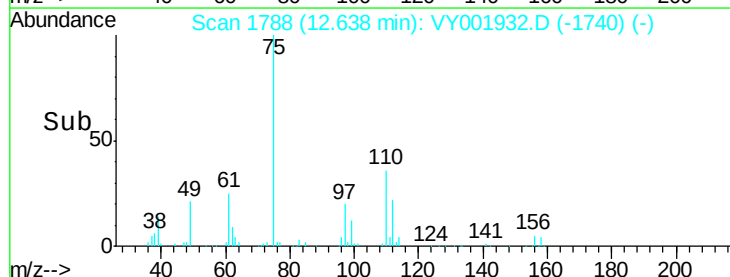
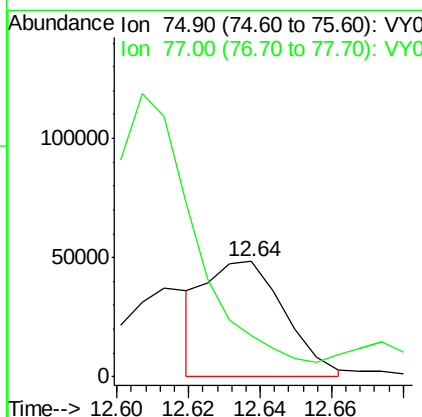
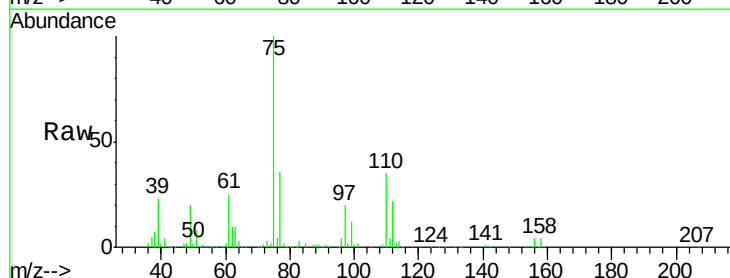
RT: 12.64 min Scan# 1788

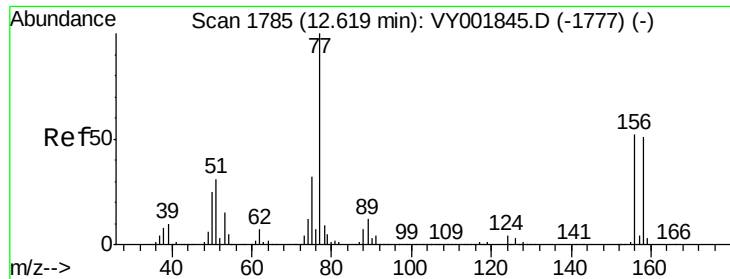
Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Tgt Ion:	75	Resp:	74338
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.766 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

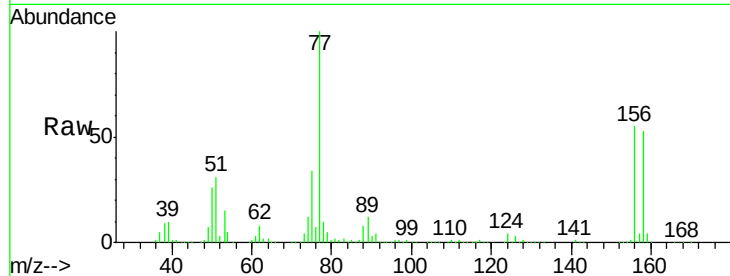
ClientSampleId :

VSTDCCC050EC

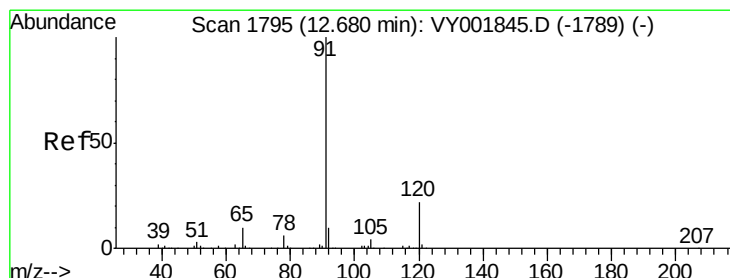
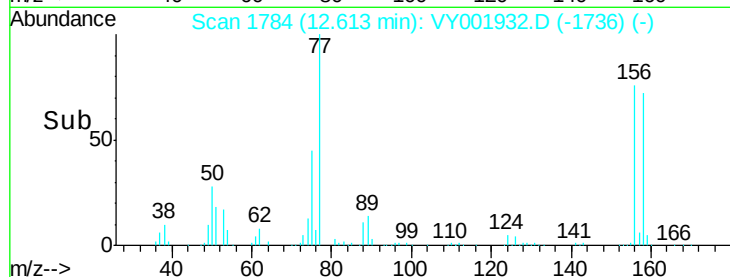
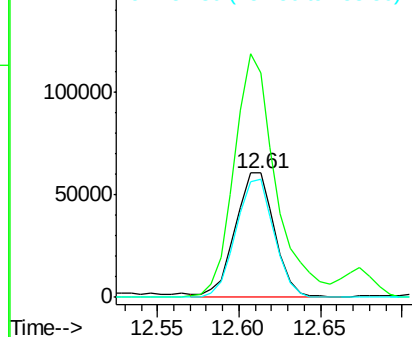
Tot Ion:	156	Resp:	102297
Ion Ratio	Lower	Upper	
156	100		
77	205.8	109.0	327.0
158	91.8	48.9	146.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.158 ug/l

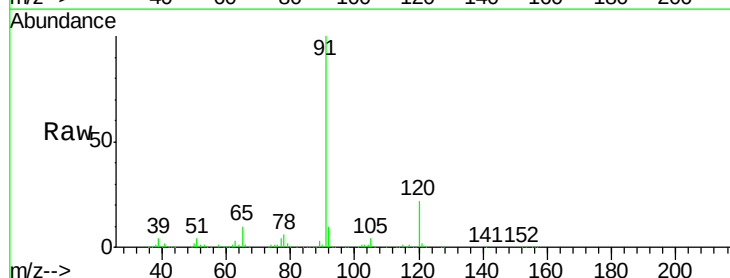
RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

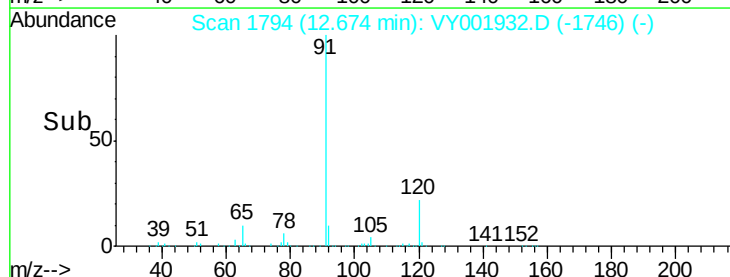
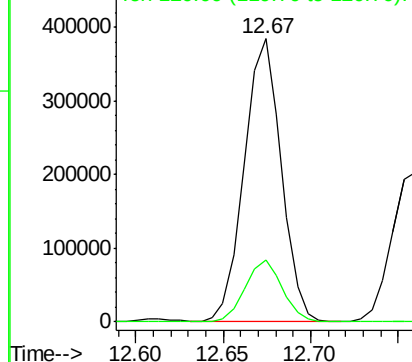
Lab File: VY001932.D

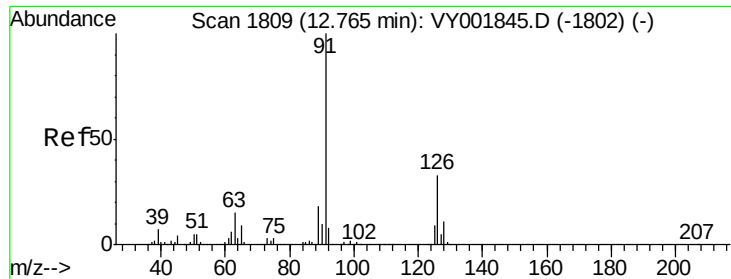
Acq: 10 Mar 2020 19:02

Tgt Ion:	91	Resp:	565664
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.000 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 311511

Ion Ratio Lower Upper

91 100

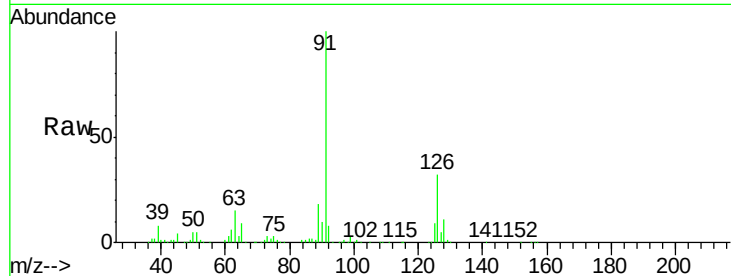
126 32.8 16.3 48.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

300000

250000

200000

150000

100000

50000

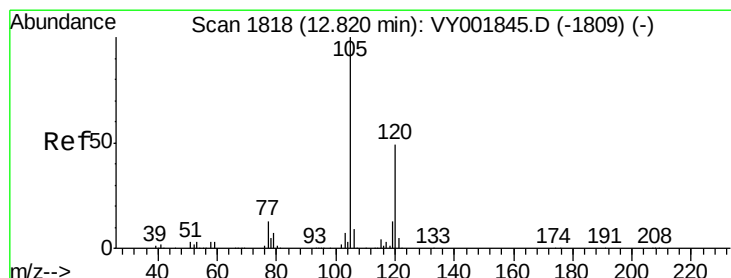
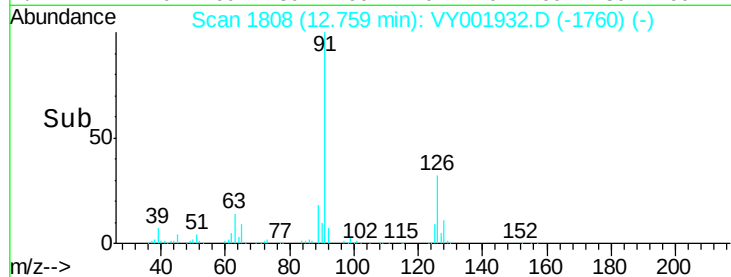
0

12.70

12.75

12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.950 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001932.D

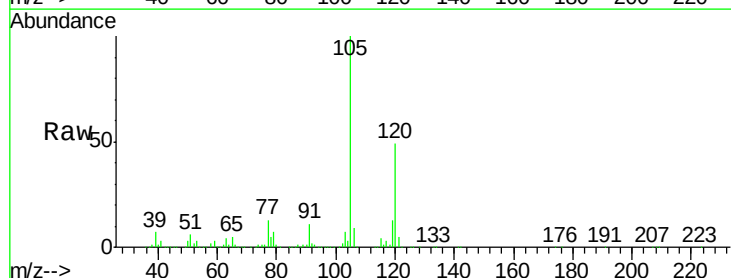
Acq: 10 Mar 2020 19:02

Tgt Ion:105 Resp: 375863

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

300000

250000

200000

150000

100000

50000

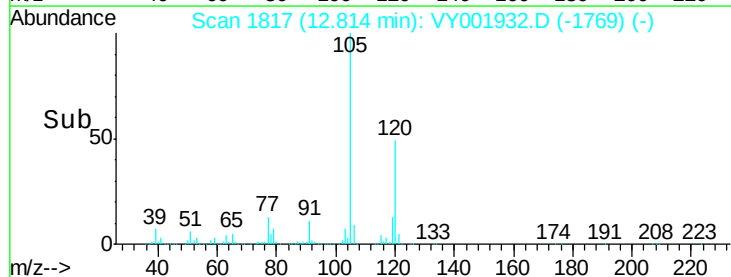
0

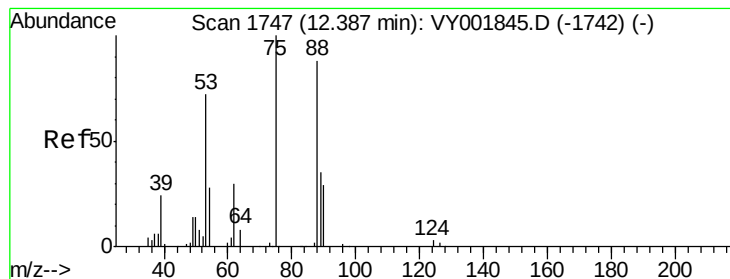
12.80

12.81

12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.865 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

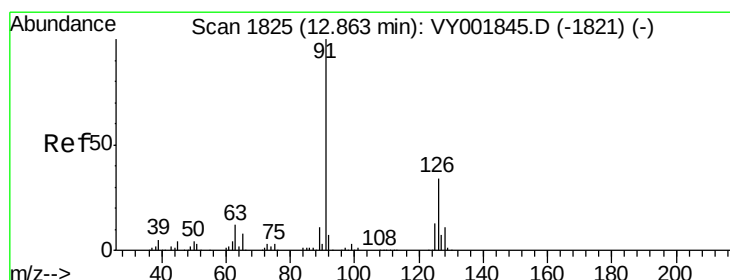
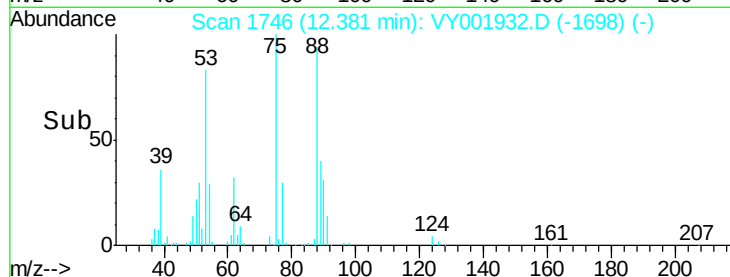
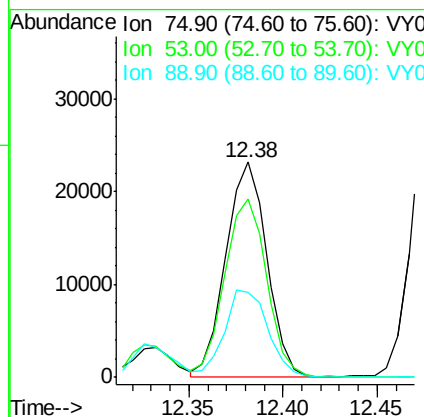
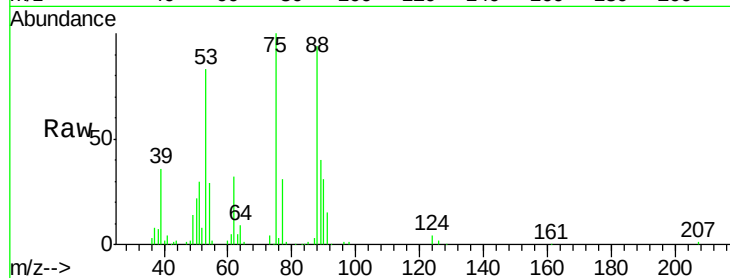
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	35072
Ion	Ratio	Lower	Upper
75	100		
53	84.8	65.4	98.0
89	43.1	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.886 ug/l

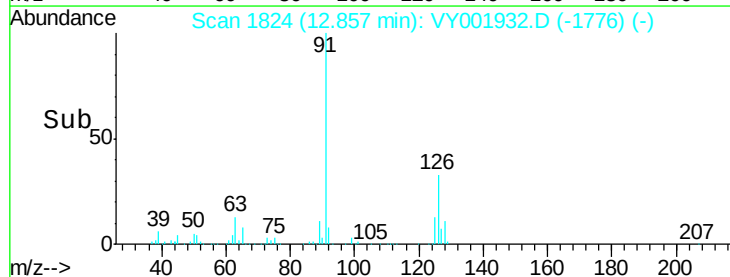
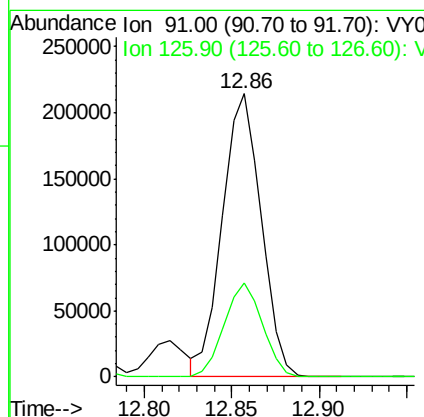
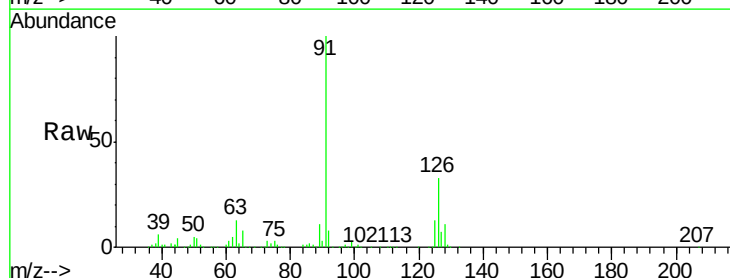
RT: 12.86 min Scan# 1824

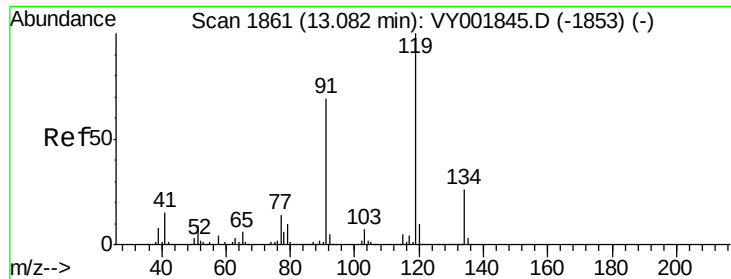
Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Tgt Ion:	91	Resp:	330212
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.2





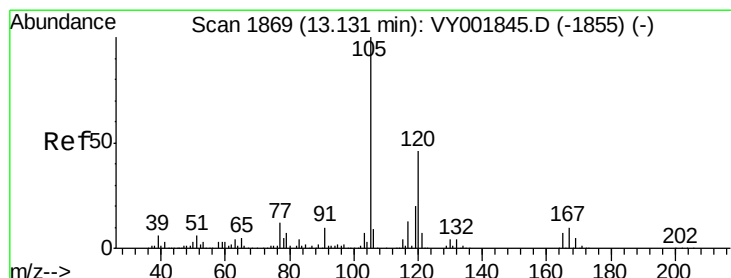
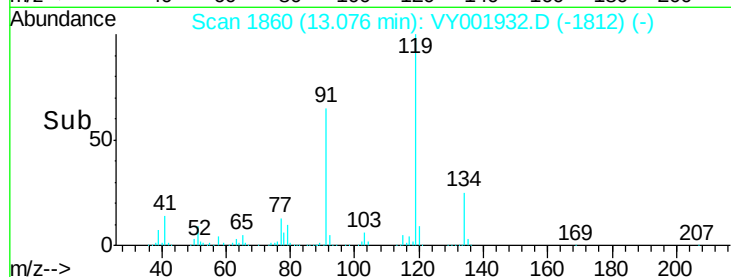
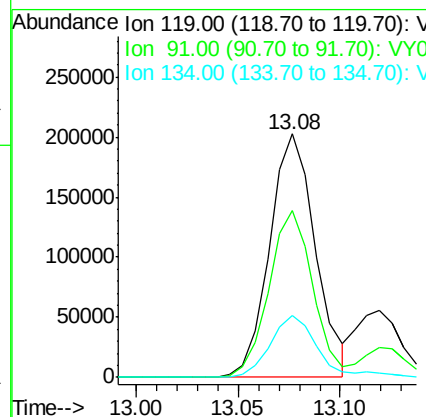
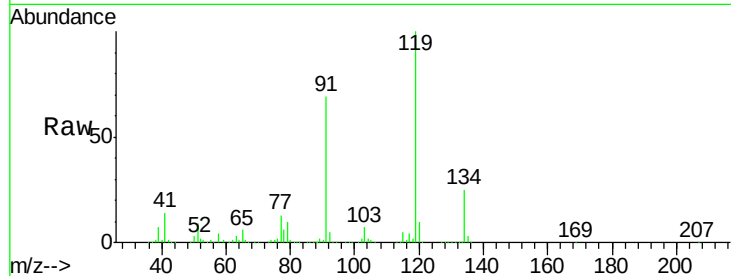
#83
 tert-Butylbenzene
 Concen: 49.780 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	317475		
91	65.5	34.0	101.8	
134	26.4	13.5	40.4	

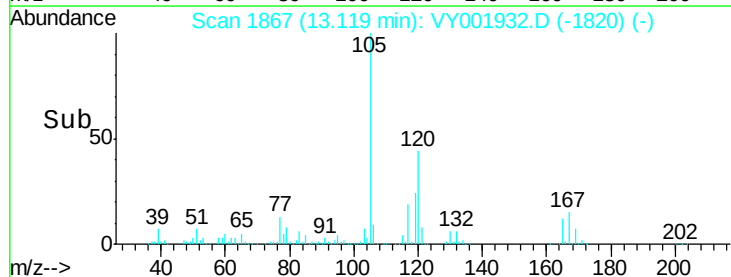
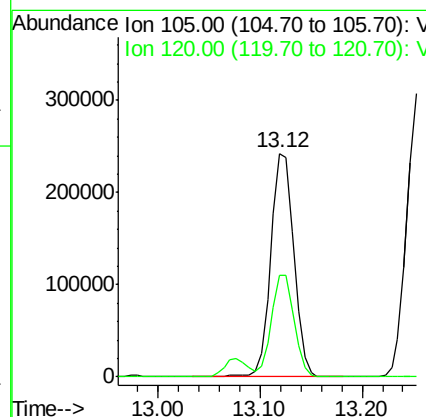
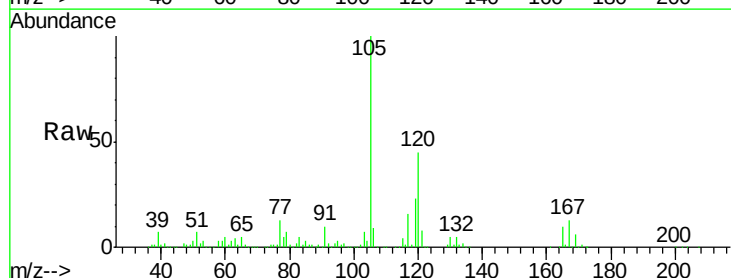
Manual Integrations
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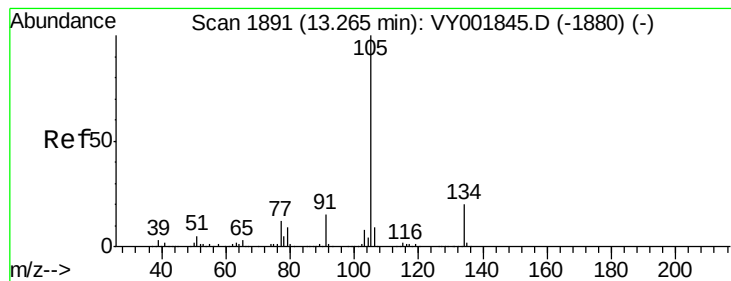
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.809 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	379554		
120	44.6	22.6	67.7	





#85

sec-Butylbenzene

Concen: 49.163 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 462158

Ion Ratio Lower Upper

105 100

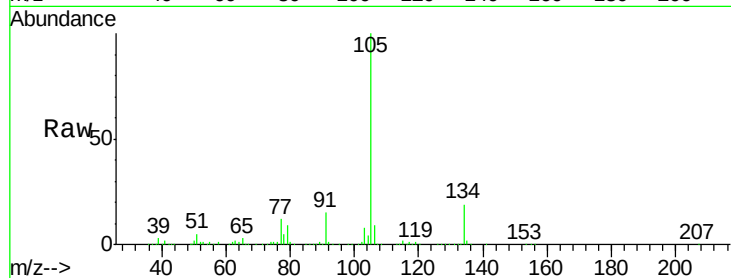
134 19.3 9.7 29.1

Manual Integrations

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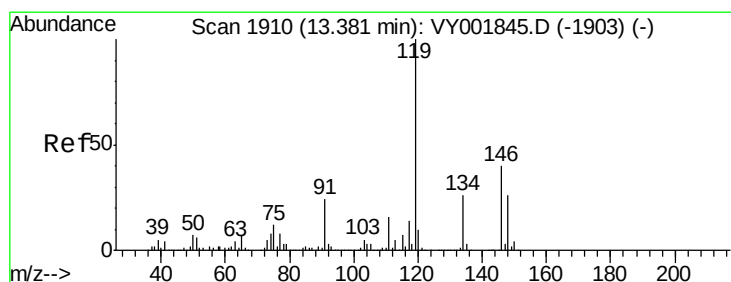
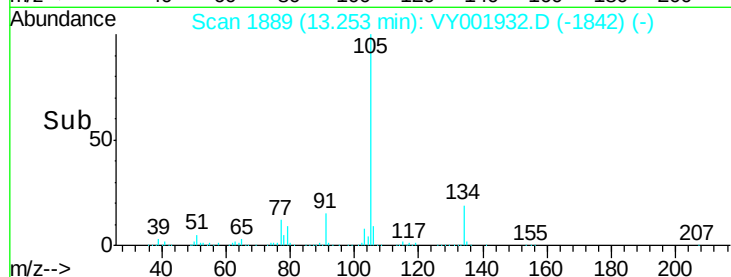
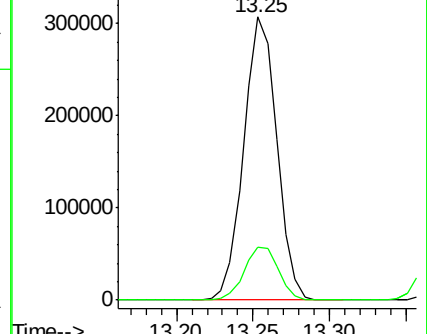
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.394 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001932.D

Acq: 10 Mar 2020 19:02

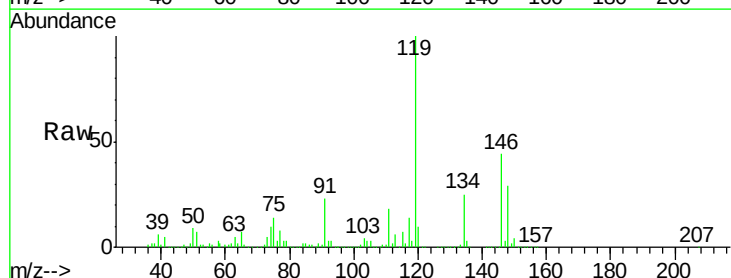
Tgt Ion:119 Resp: 400542

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

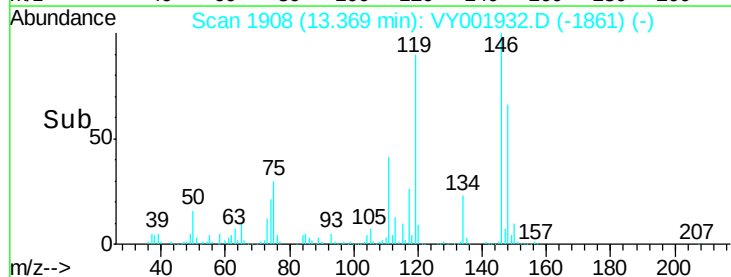
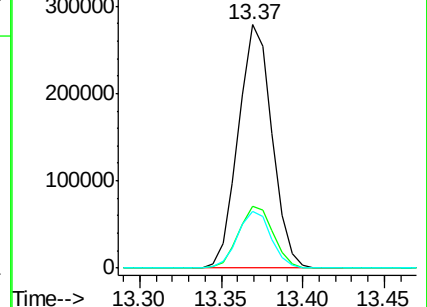
91 23.3 11.9 35.7

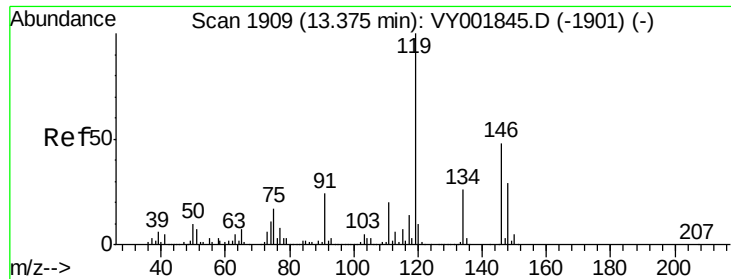


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





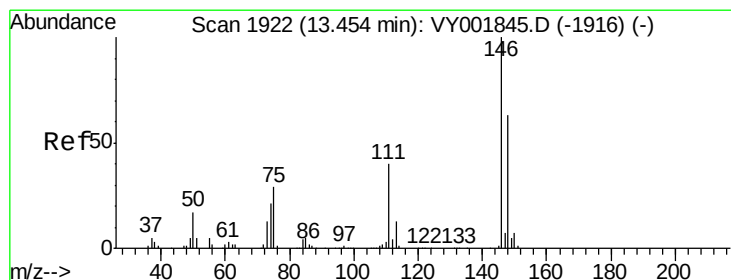
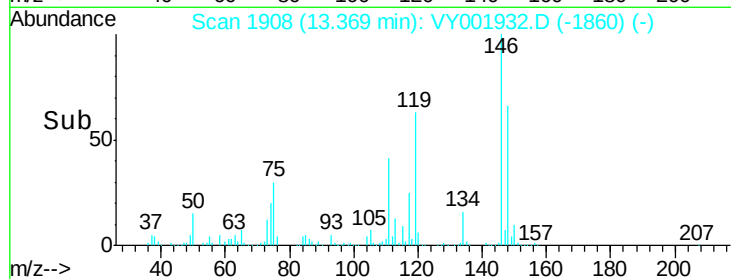
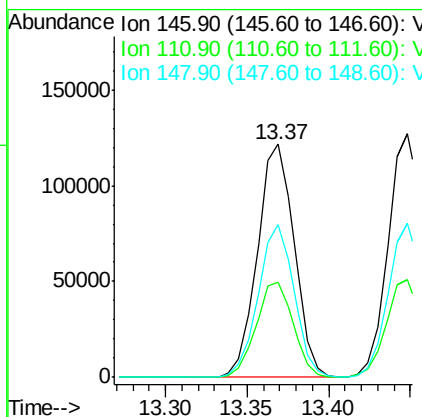
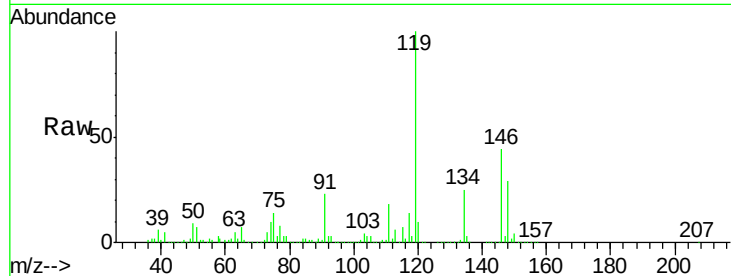
#87
 1,3-Dichlorobenzene
 Concen: 49.192 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	64.0	31.4	94.0

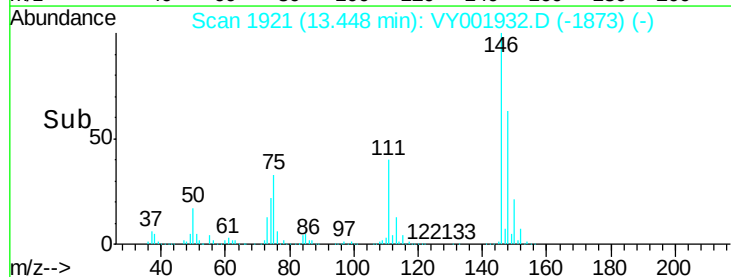
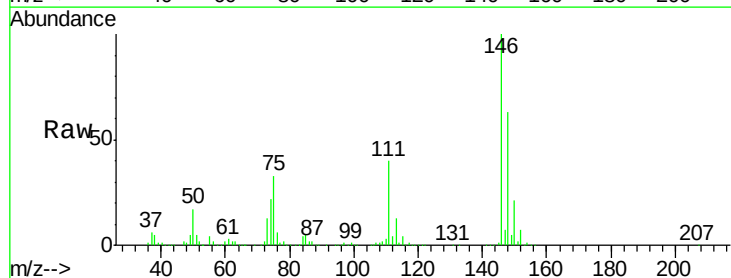
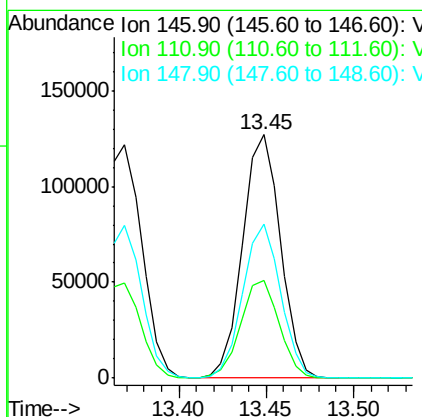
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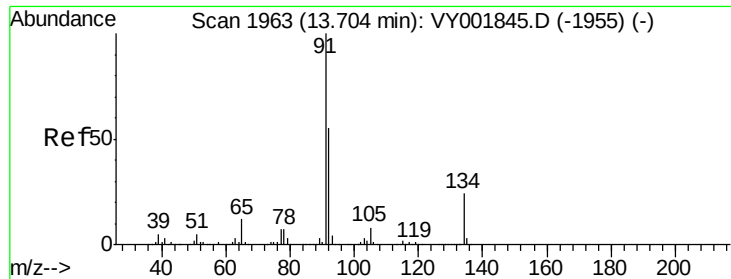
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#88
 1,4-Dichlorobenzene
 Concen: 48.805 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.2	31.5	94.5





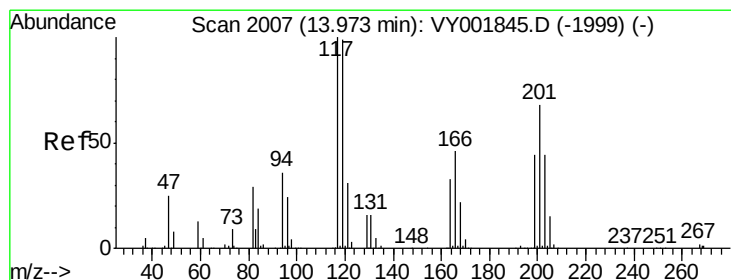
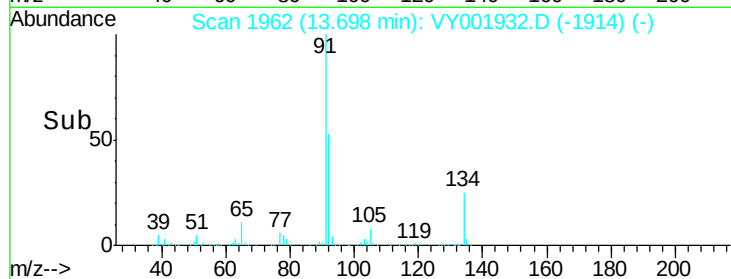
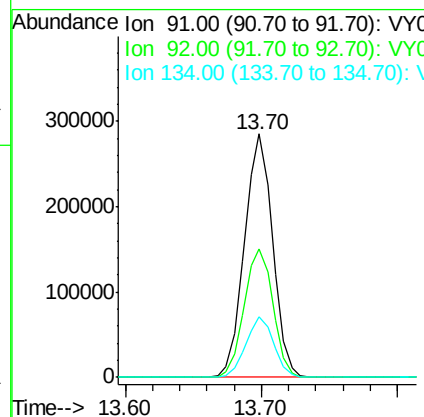
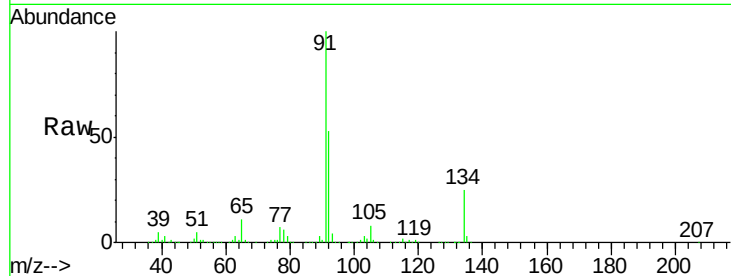
#89
n-Butylbenzene
Concen: 49.069 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	27.5	82.4	
134	24.5	12.5	37.5	

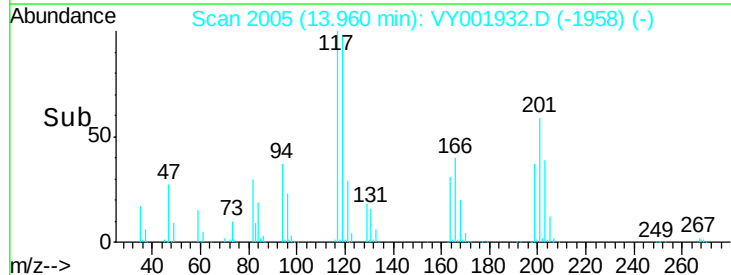
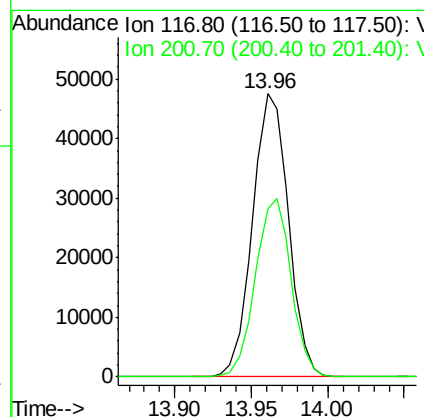
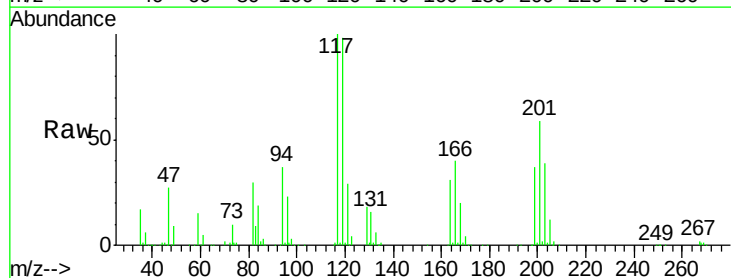
Manual Integrations
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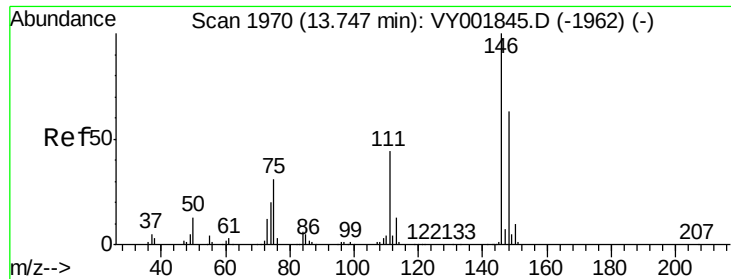
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#90
Hexachloroethane
Concen: 50.841 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	62.7	32.5	97.5	





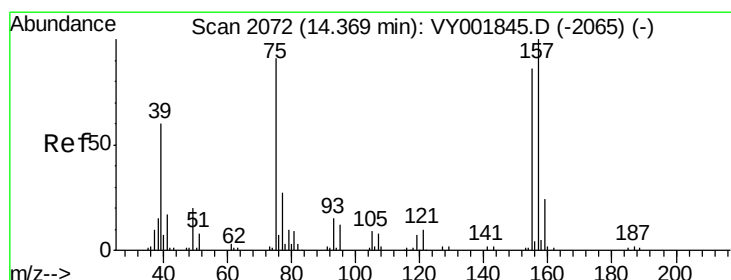
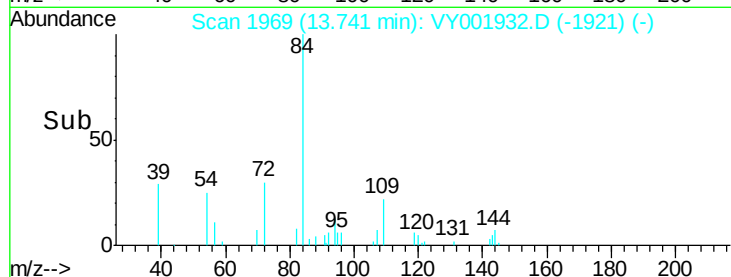
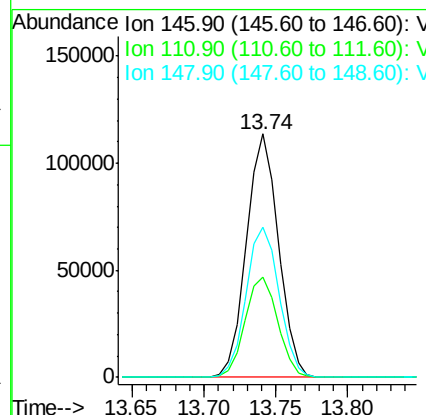
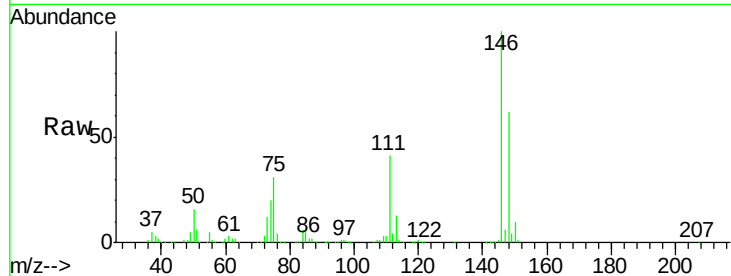
#91
 1,2-Dichlorobenzene
 Concen: 49.605 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	63.7	32.0	96.0

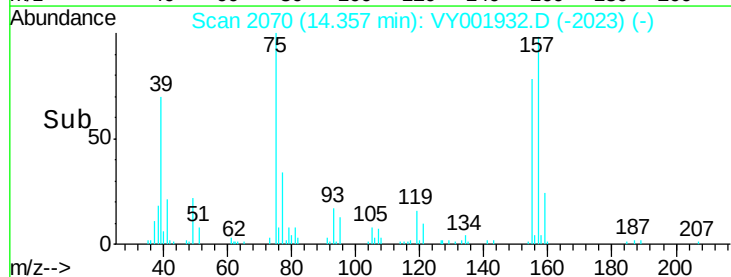
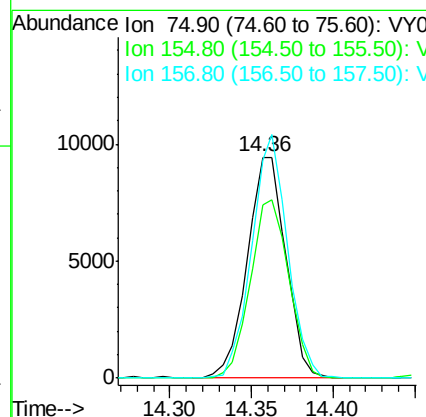
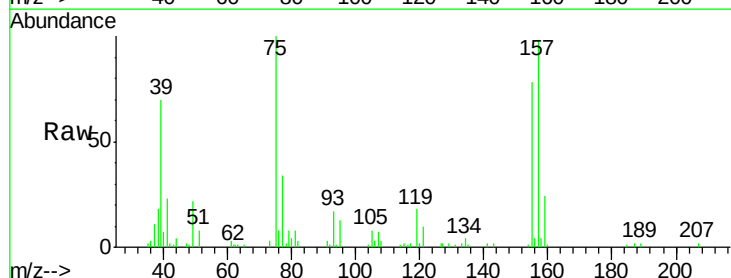
Manual Integrations
 APPROVED

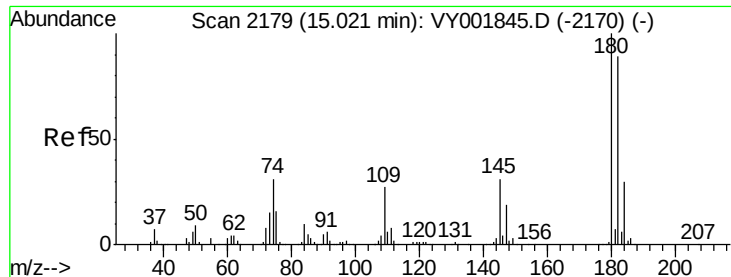
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.289 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001932.D
 Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	42.9	128.7
157	102.9	53.1	159.4





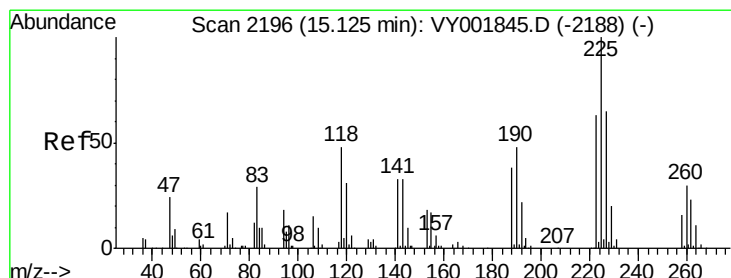
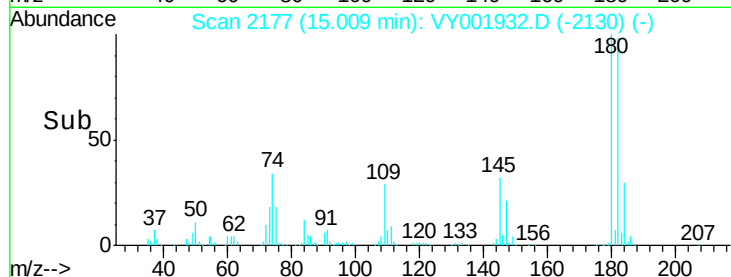
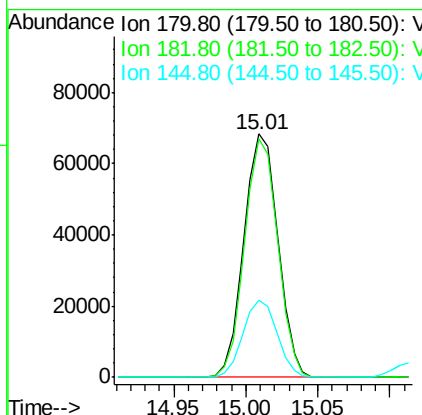
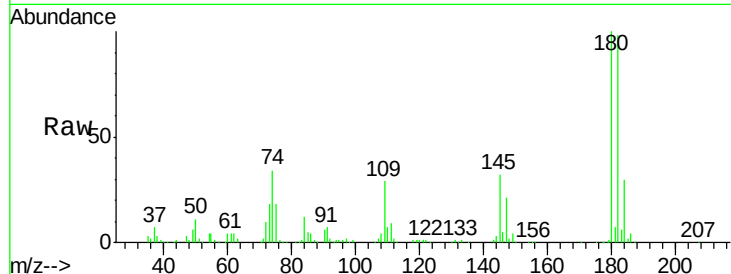
#93
1,2,4-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111680		
182	95.4	46.1	138.3	
145	31.8	15.6	46.8	

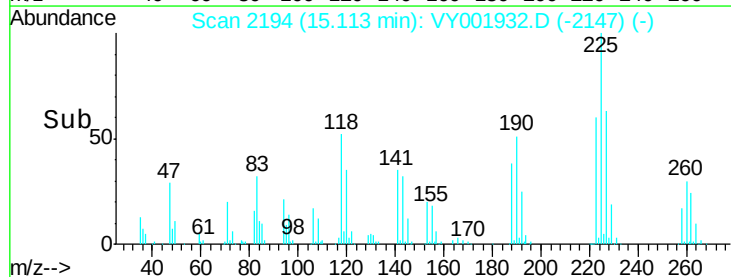
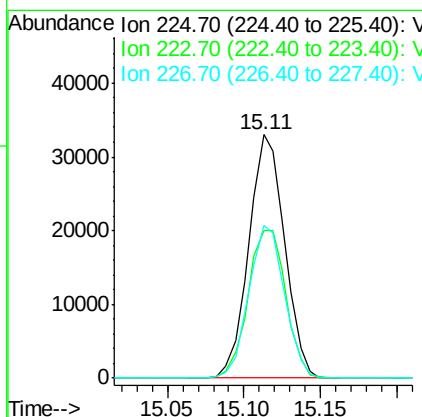
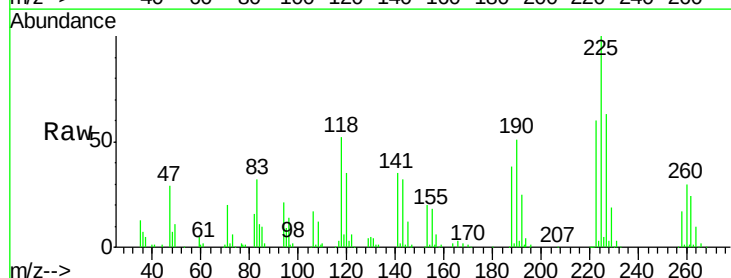
Manual Integrations
APPROVED

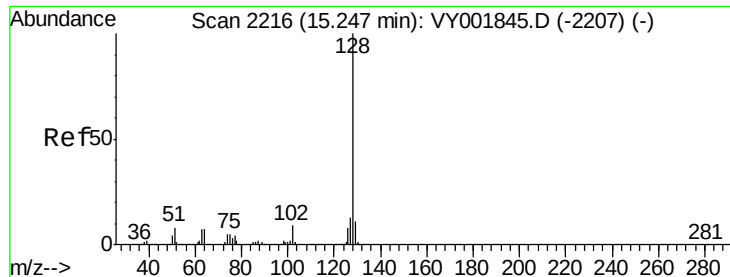
MMDadoda
3/11/2020 3:22:44 PM



#94
Hexachlorobutadiene
Concen: 48.275 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53697		
223	64.3	31.5	94.5	
227	62.9	31.9	95.5	





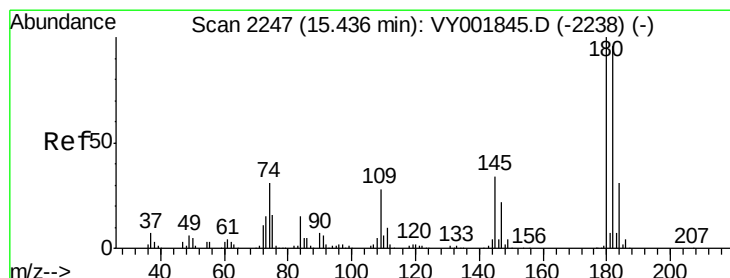
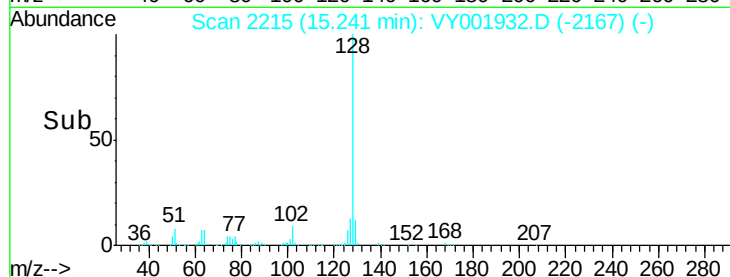
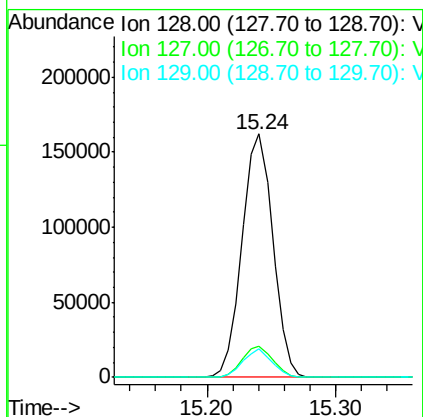
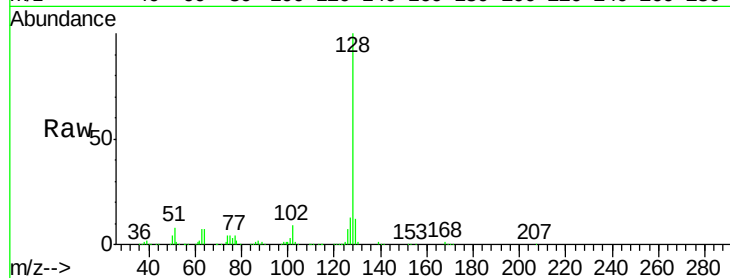
#95
Naphthalene
Concen: 49.666 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	268773		
127	12.7		10.1	15.1
129	11.0		8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 49.464 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99416		
182	94.9		47.6	142.9
145	34.1		16.8	50.3

