

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001710.D
 Acq On : 19 Feb 2020 19:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 2/20/2020 5:56:28 PM

Quant Time: Feb 20 06:42:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	200093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	365793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	332955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	151128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	118488	55.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.10%	
35) Dibromofluoromethane	7.74	113	106499	50.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.66%	
50) Toluene-d8	10.19	98	440208	53.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.49	95	159899	50.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	100653	51.605	ug/l	98
3) Chloromethane	2.12	50	134818	51.390	ug/l	100
4) Vinyl Chloride	2.26	62	137085	51.807	ug/l	97
5) Bromomethane	2.66	94	86726	52.442	ug/l	99
6) Chloroethane	2.80	64	85414	52.383	ug/l	97
7) Trichlorofluoromethane	3.14	101	172161	50.836	ug/l	100
8) Diethyl Ether	3.55	74	68784	51.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	106108	49.848	ug/l	98
10) Methyl Iodide	4.11	142	129996	49.900	ug/l	99
11) Tert butyl alcohol	4.98	59	66127	266.924	ug/l	99
12) 1,1-Dichloroethene	3.90	96	109619	50.491	ug/l	96
13) Acrolein	3.75	56	68594	315.562	ug/l	98
14) Allyl chloride	4.50	41	196525	50.863	ug/l	98
15) Acrylonitrile	5.20	53	178178	260.371	ug/l	100
16) Acetone	3.97	43	153537	206.168	ug/l	97
17) Carbon Disulfide	4.22	76	349458	48.213	ug/l	100
18) Methyl Acetate	4.50	43	82386	50.799	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	315540	52.202	ug/l	100
20) Methylene Chloride	4.75	84	124667	47.129	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	120461	48.632	ug/l	95
22) Diisopropyl ether	6.15	45	410558	51.741	ug/l	96
23) Vinyl Acetate	6.09	43	1341931	259.268	ug/l	98
24) 1,1-Dichloroethane	6.05	63	218800	51.592	ug/l	99
25) 2-Butanone	7.02	43	239634	236.870	ug/l	100
26) 2,2-Dichloropropane	7.01	77	178972	48.505	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	135755	49.651	ug/l	97
28) Bromochloromethane	7.36	49	100881	57.103	ug/l	99
29) Tetrahydrofuran	7.38	42	158605	259.382	ug/l	99
30) Chloroform	7.53	83	207687	50.119	ug/l	96
31) Cyclohexane	7.81	56	216605	47.903	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	177649	51.007	ug/l	100
36) 1,1-Dichloropropene	7.94	75	168902	48.340	ug/l	100
37) Ethyl Acetate	7.10	43	102915	49.350	ug/l	99
38) Carbon Tetrachloride	7.92	117	150003	48.877	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	222253	47.947	ug/l	99
40) Benzene	8.19	78	505839	49.225	ug/l	99
41) Methacrylonitrile	7.35	41	60613m	57.886	ug/l	
42) 1,2-Dichloroethane	8.26	62	141119	50.408	ug/l	100
43) Isopropyl Acetate	8.30	43	200905	50.775	ug/l	99
44) Trichloroethene	8.96	130	123527	48.154	ug/l	99
45) 1,2-Dichloropropane	9.24	63	129747	50.416	ug/l	98
46) Dibromomethane	9.33	93	66294	49.250	ug/l	97
47) Bromodichloromethane	9.52	83	161974	49.858	ug/l	100
48) Methyl methacrylate	9.31	41	89766	50.163	ug/l	98
49) 1,4-Dioxane	9.31	88	18370	966.242	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	510723	251.221	ug/l	100
52) Toluene	10.26	92	317443	49.523	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	181712	50.596	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	205603	49.740	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	100043	50.404	ug/l	98
56) Ethyl methacrylate	10.52	69	153854	51.671	ug/l	100
57) 1,3-Dichloropropane	10.81	76	177768	50.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	266132	236.637	ug/l	99
59) 2-Hexanone	10.85	43	361992	237.315	ug/l	98
60) Dibromochloromethane	11.00	129	109812	50.182	ug/l	99
61) 1,2-Dibromoethane	11.10	107	96703	51.528	ug/l	99
64) Tetrachloroethene	10.74	164	98907	47.321	ug/l	99
65) Chlorobenzene	11.53	112	319817	48.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	110778	49.402	ug/l	99
67) Ethyl Benzene	11.61	91	601362	48.748	ug/l	98
68) m/p-Xylenes	11.72	106	449773	97.606	ug/l	100
69) o-Xylene	12.04	106	212015	48.396	ug/l	99
70) Styrene	12.06	104	371481	48.792	ug/l	100
71) Bromoform	12.22	173	61793	48.220	ug/l #	99
73) Isopropylbenzene	12.34	105	572654	49.739	ug/l	99
74) N-amyl acetate	12.16	43	182623	49.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	125553	51.073	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	88717m	51.174	ug/l	
77) Bromobenzene	12.62	156	122006	48.884	ug/l	99
78) n-propylbenzene	12.68	91	701932	50.059	ug/l	99
79) 2-Chlorotoluene	12.77	91	392767	49.942	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	471893	49.514	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45331	49.607	ug/l	96
82) 4-Chlorotoluene	12.87	91	408917	49.299	ug/l	100
83) tert-Butylbenzene	13.09	119	400190	50.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	472611	49.741	ug/l	100
85) sec-Butylbenzene	13.27	105	578662	49.361	ug/l	100
86) p-Isopropyltoluene	13.38	119	499073	49.004	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	231945	47.918	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	231900	47.395	ug/l	98
89) n-Butylbenzene	13.71	91	499881	48.036	ug/l	99
90) Hexachloroethane	13.97	117	93606	48.783	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	213885	47.881	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	20429	50.354	ug/l	98

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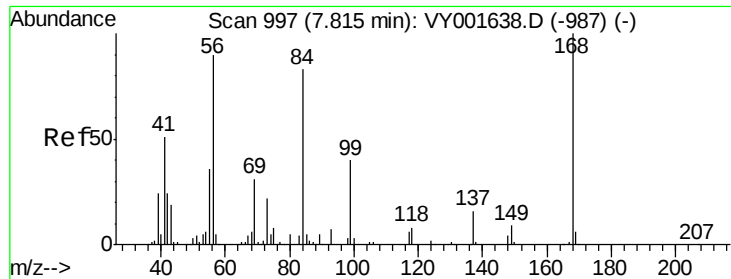
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	132976	44.921	ug/l	100
94) Hexachlorobutadiene	15.12	225	64537	43.838	ug/l	100
95) Naphthalene	15.25	128	324528	47.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	117429	45.090	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 200093

Ion Ratio Lower Upper

168 100

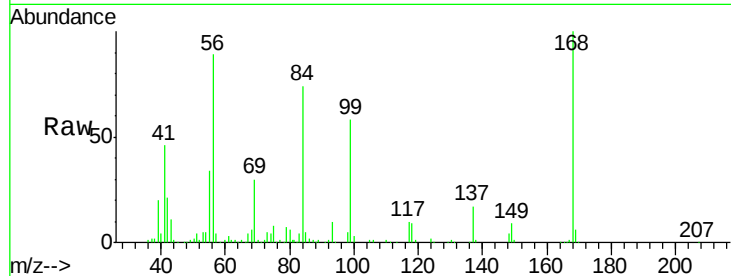
99 57.5 47.5 71.3

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Abundance Ion 167.90 (167.60 to 168.60): VY001710.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001710.D (-948) (-)

7.82

100000

80000

60000

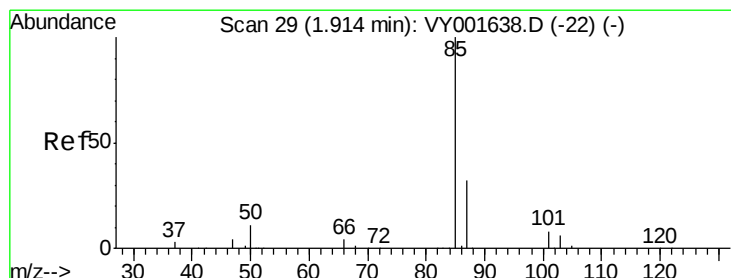
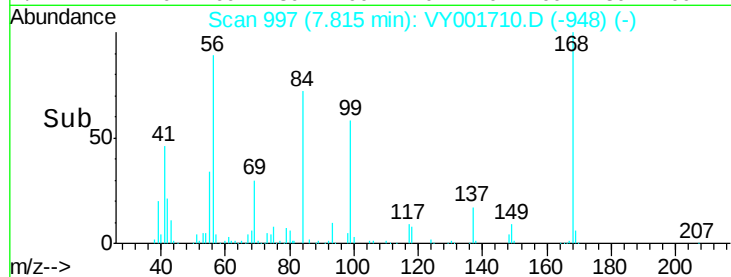
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.605 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001710.D

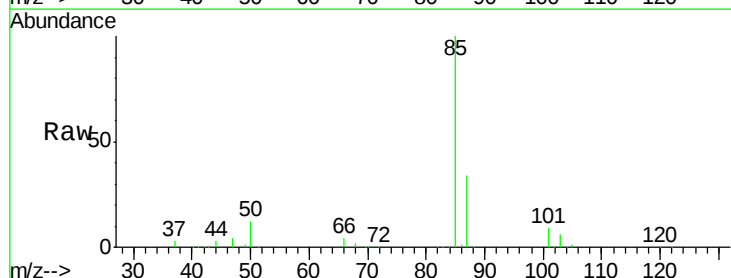
Acq: 19 Feb 2020 19:26

Tgt Ion: 85 Resp: 100653

Ion Ratio Lower Upper

85 100

87 33.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001710.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001710.D (-1) (-)

1.91

80000

60000

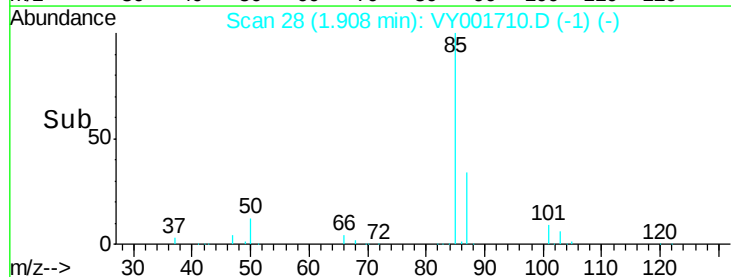
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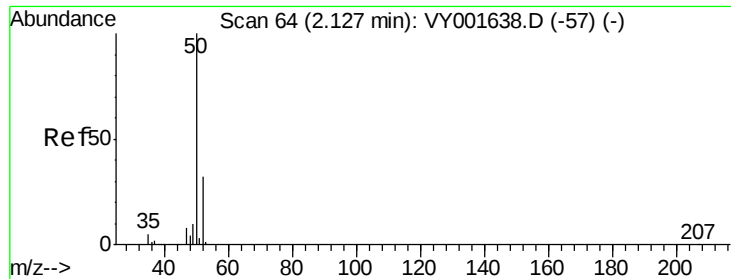
20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 51.390 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 134818

Ion Ratio Lower Upper

50 100

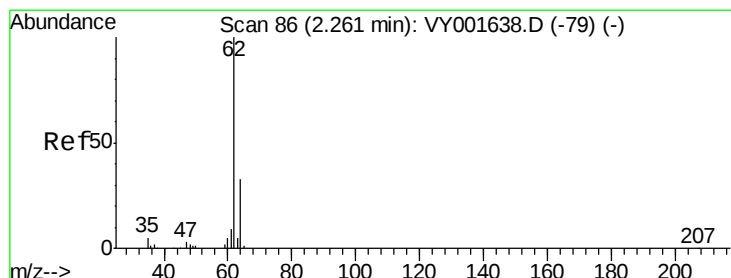
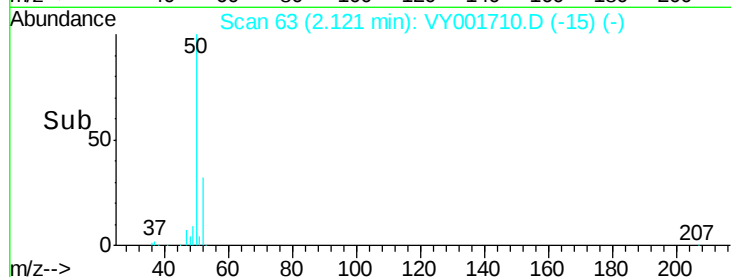
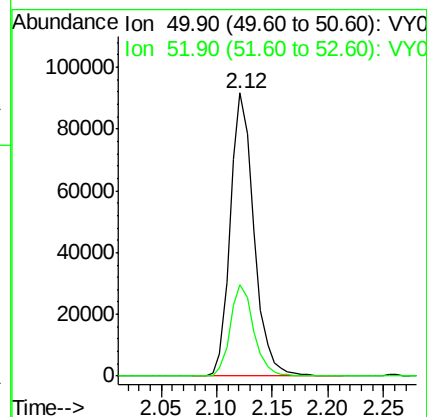
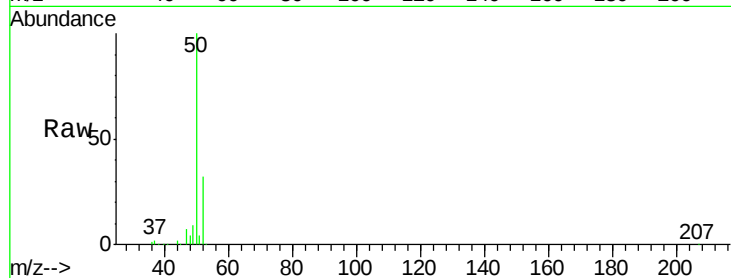
52 32.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.807 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001710.D

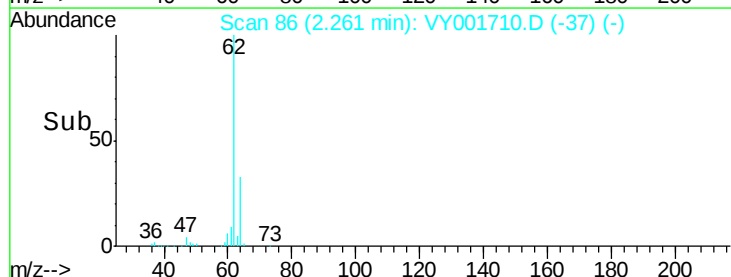
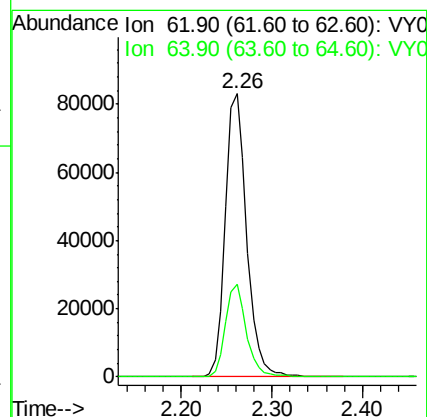
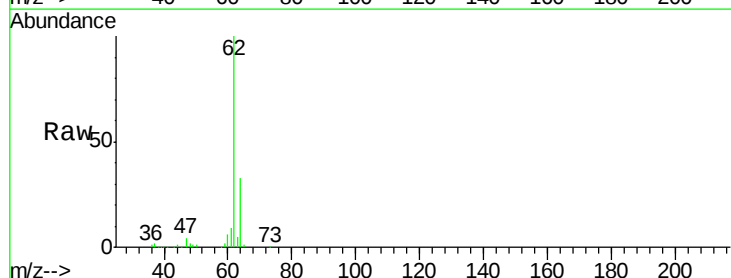
Acq: 19 Feb 2020 19:26

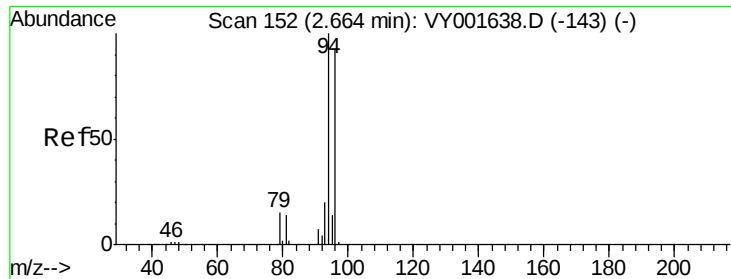
Tgt Ion: 62 Resp: 137085

Ion Ratio Lower Upper

62 100

64 32.6 24.9 37.3





#5

Bromomethane

Concen: 52.442 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 86726

Ion Ratio Lower Upper

94 100

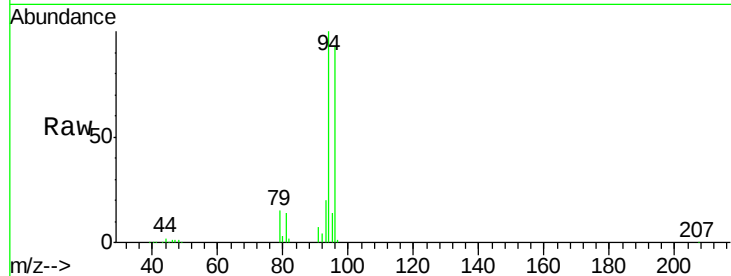
96 93.3 73.7 110.5

Manual Integrations

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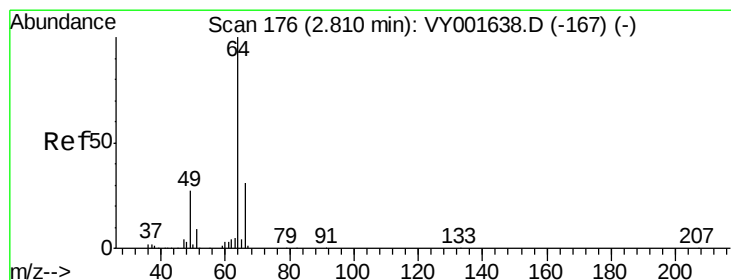
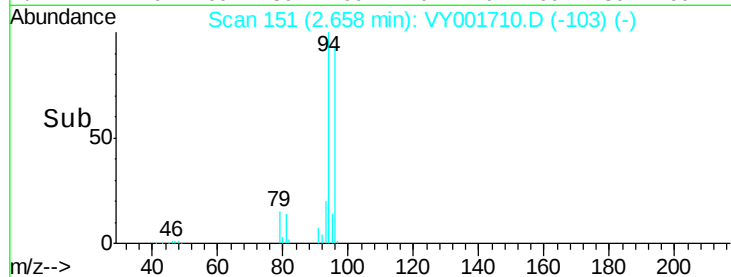
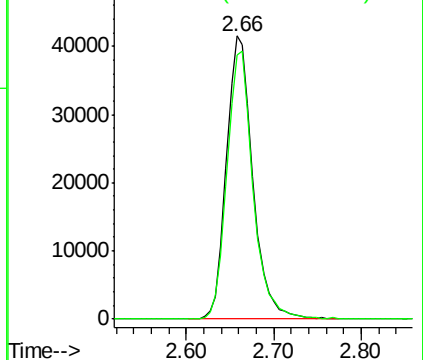
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.383 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001710.D

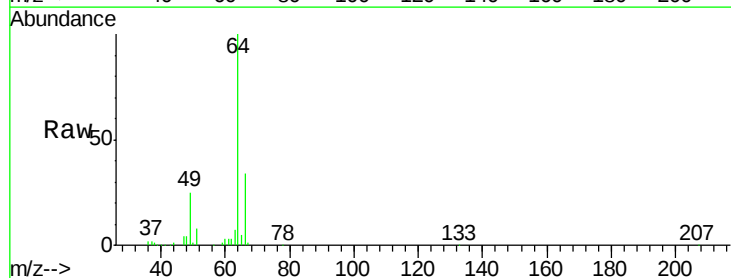
Acq: 19 Feb 2020 19:26

Tgt Ion: 64 Resp: 85414

Ion Ratio Lower Upper

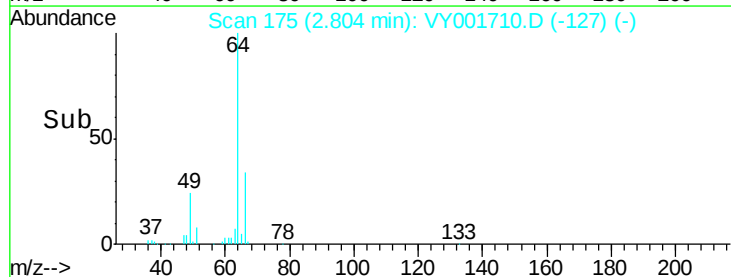
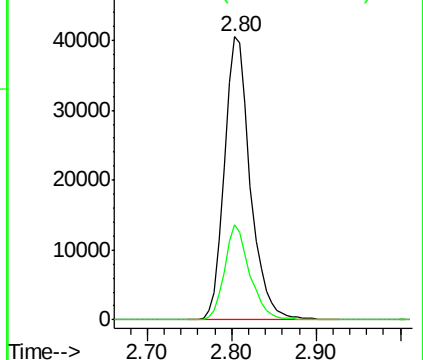
64 100

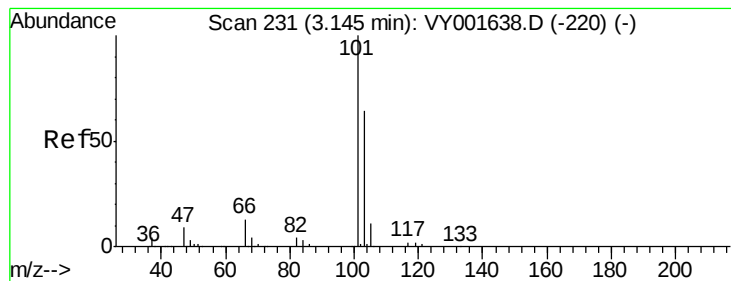
66 33.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

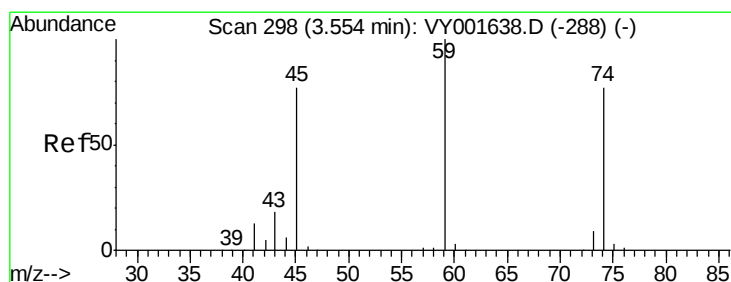
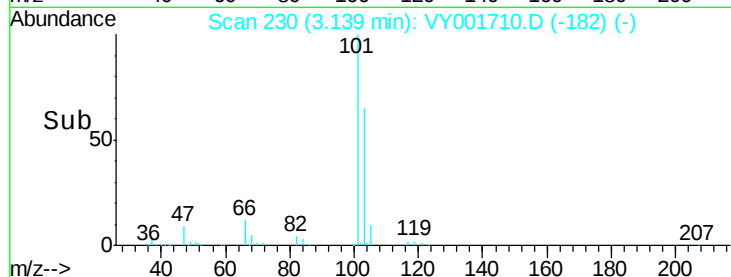
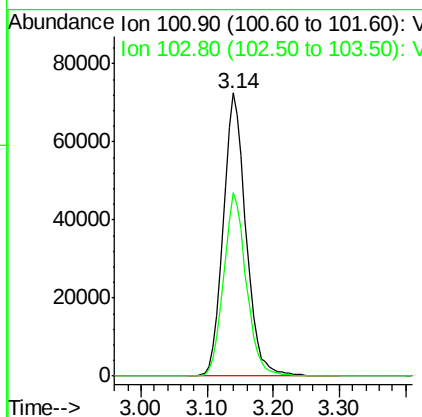
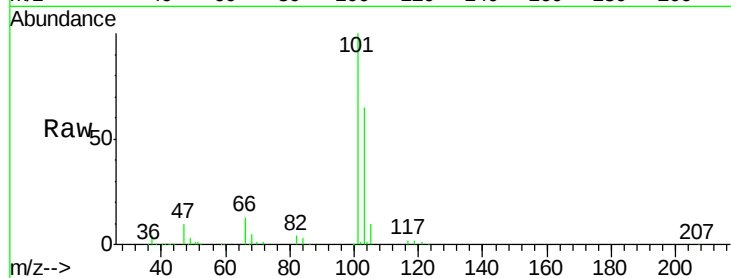
Trichlorofluoromethane
Concen: 50.836 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

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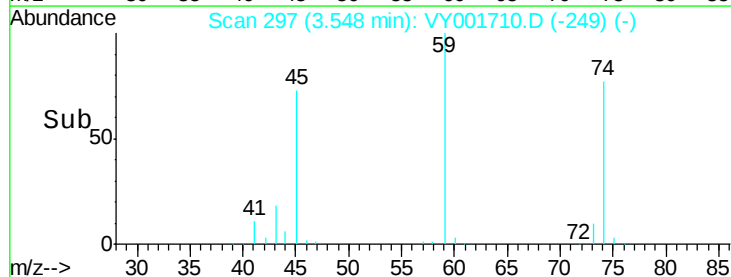
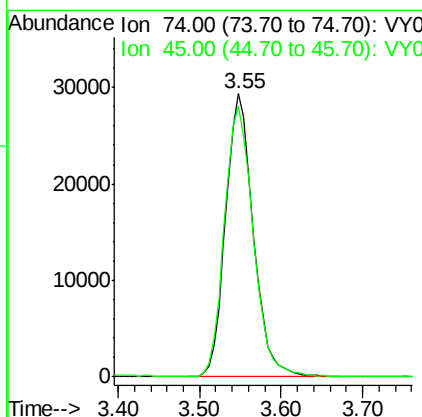
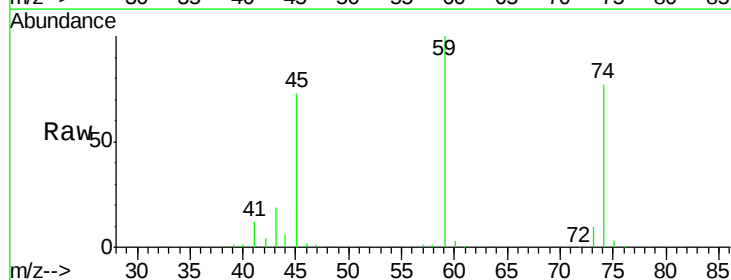
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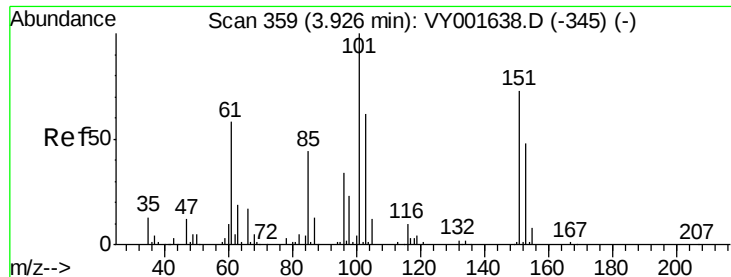


#8

Diethyl Ether
Concen: 51.521 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001710.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.848 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

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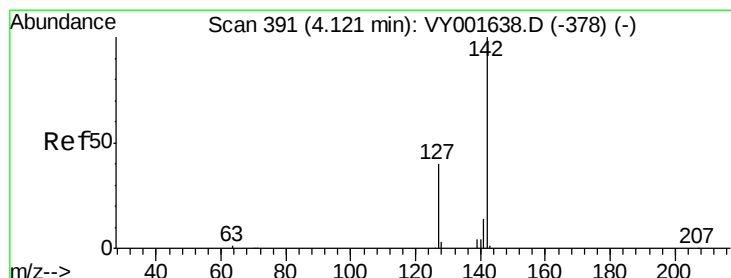
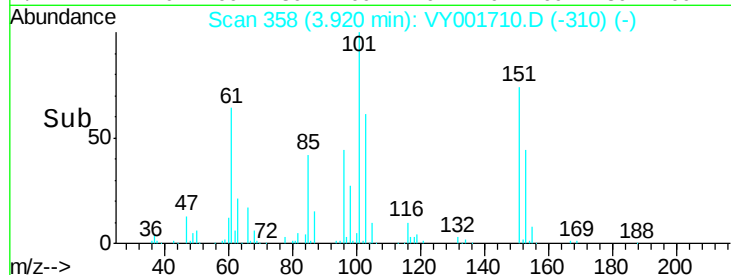
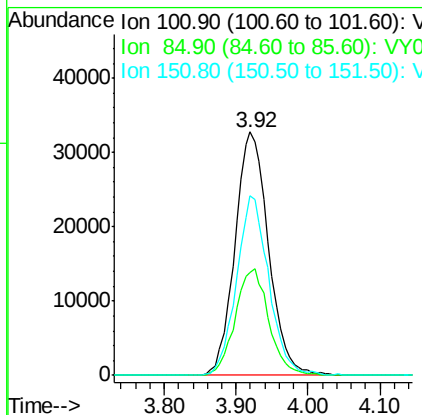
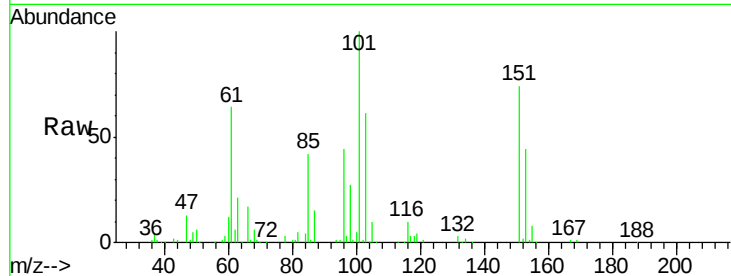
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	106108
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.1	52.7
151	71.0	58.4	87.6

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#10

Methyl Iodide

Concen: 49.900 ug/l

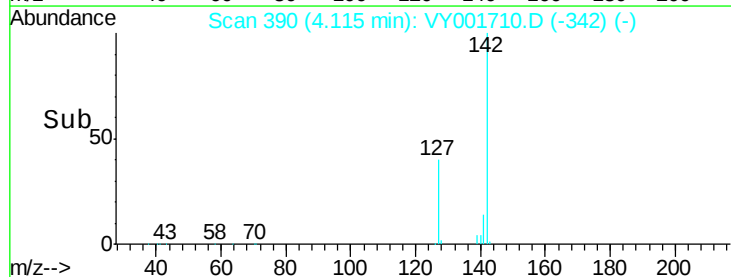
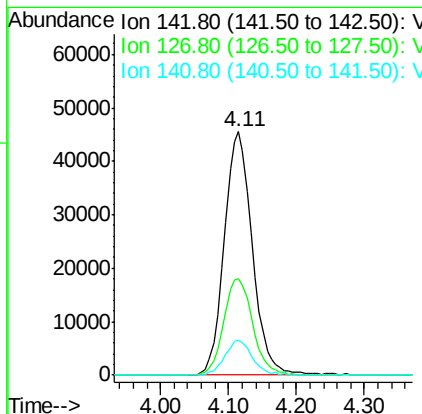
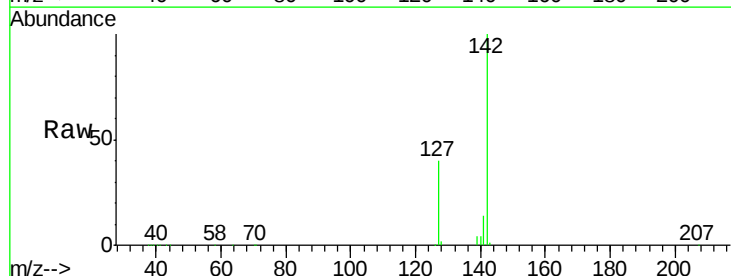
RT: 4.11 min Scan# 390

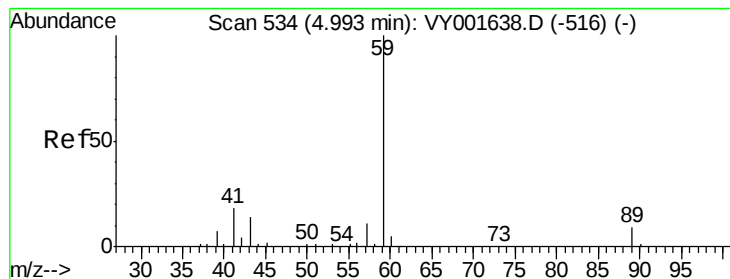
Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion:	142	Resp:	129996
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.1	48.1
141	14.0	11.3	16.9





#11

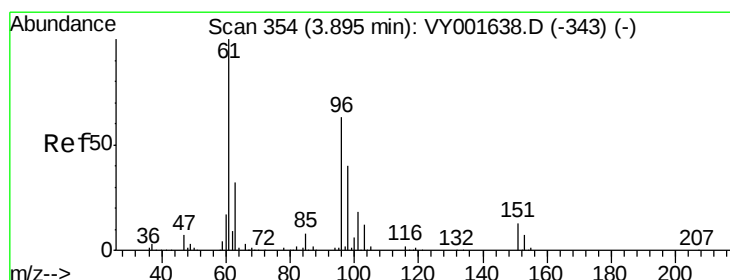
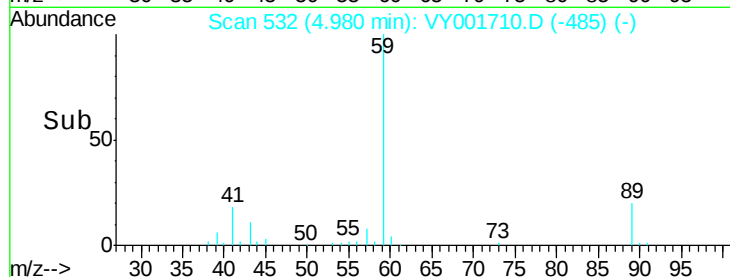
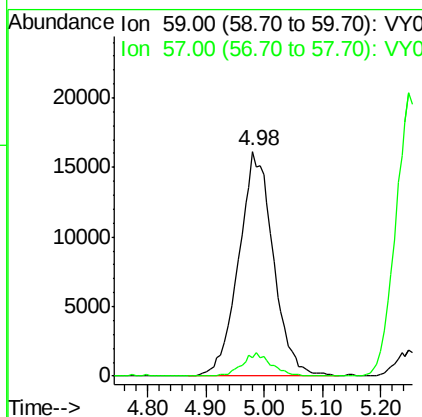
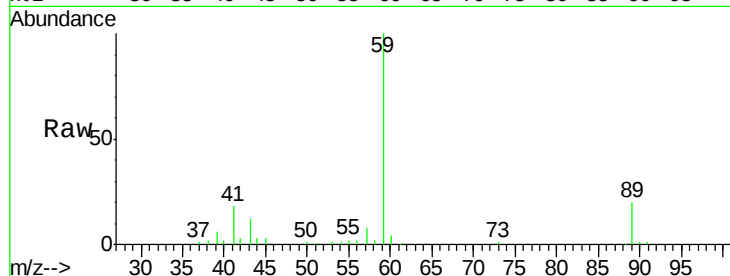
Tert butyl alcohol
 Concen: 266.924 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.4	11.2

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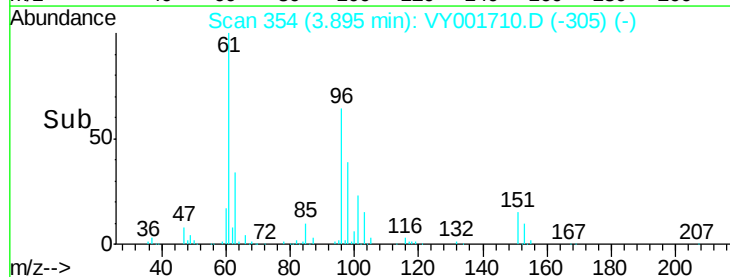
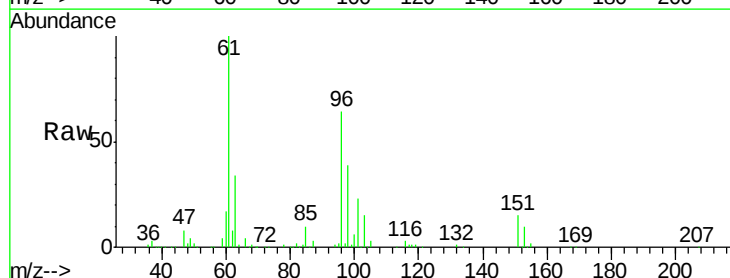
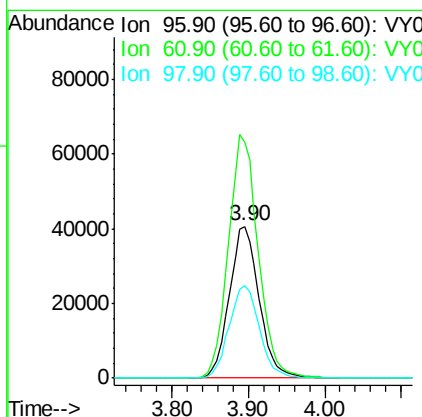
MMDadoda
 2/20/2020 5:56:28 PM

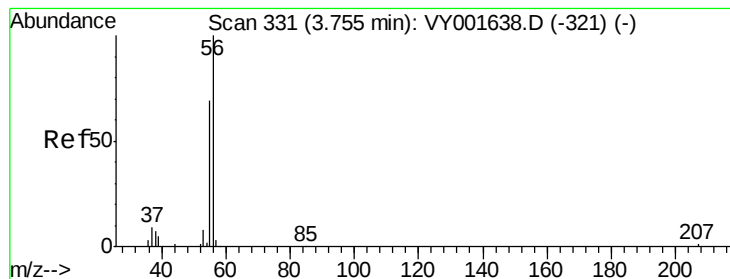


#12

1,1-Dichloroethene
 Concen: 50.491 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	128.7	193.1
98	61.0	50.7	76.1





#13

Acrolein

Concen: 315.562 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 68594

Ion Ratio Lower Upper

56 100

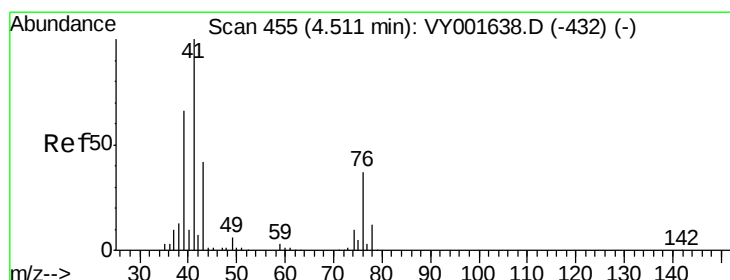
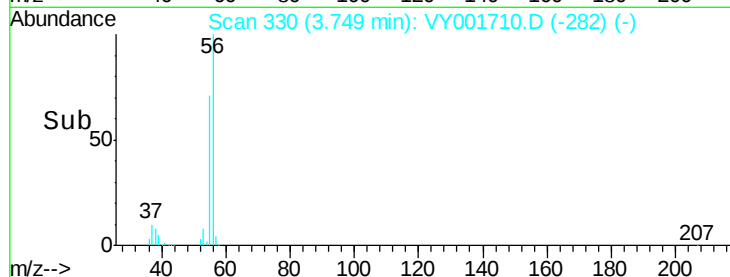
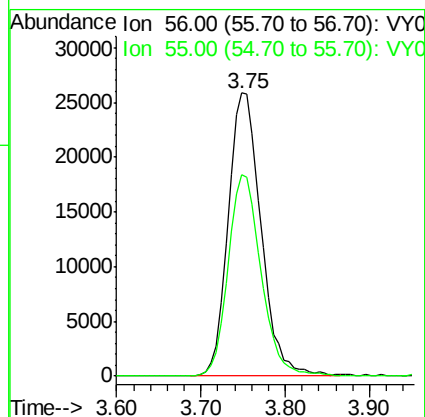
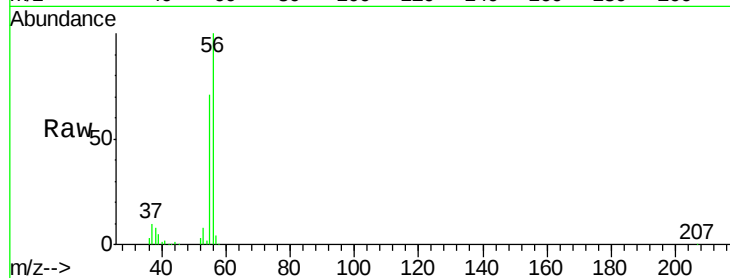
55 71.4 56.1 84.1

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#14

Allyl chloride

Concen: 50.863 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

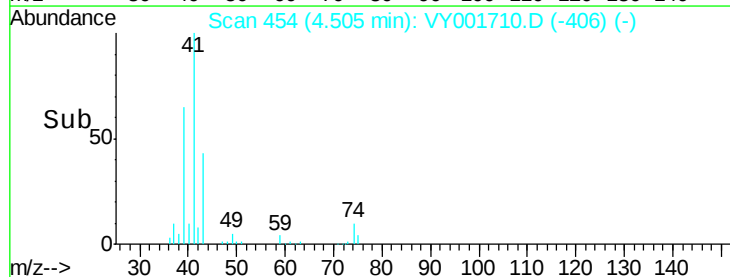
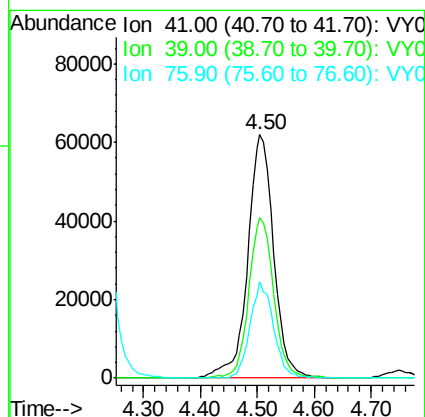
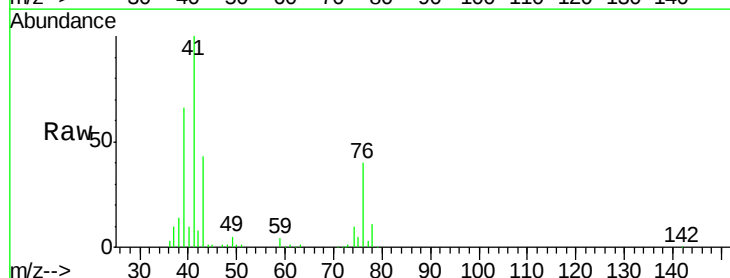
Tgt Ion: 41 Resp: 196525

Ion Ratio Lower Upper

41 100

39 63.4 49.4 74.0

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 260.371 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

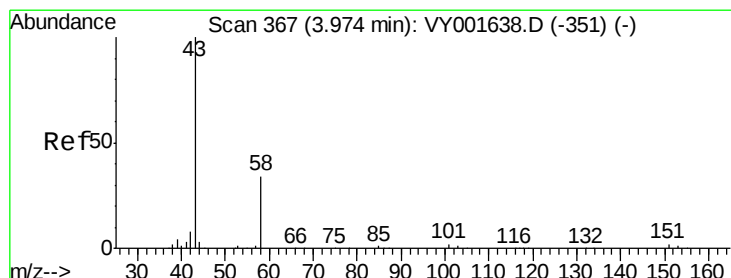
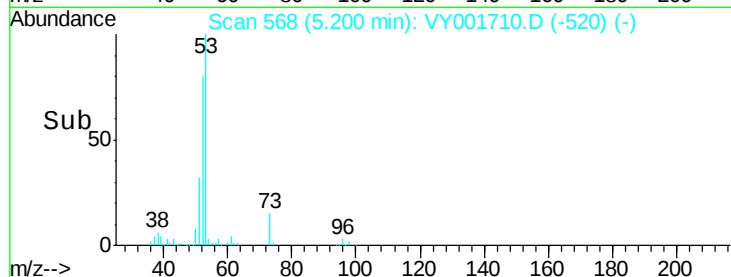
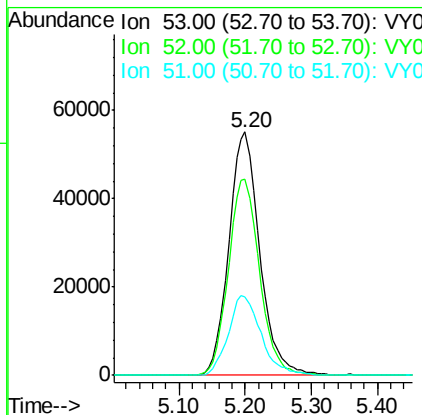
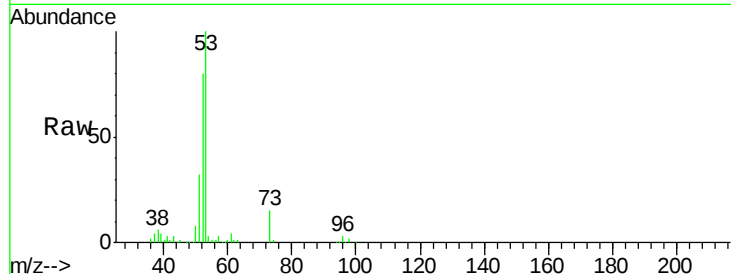
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	178178
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.4	98.0
51	34.8	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 206.168 ug/l

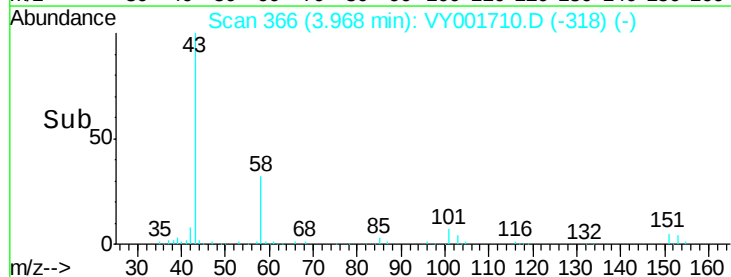
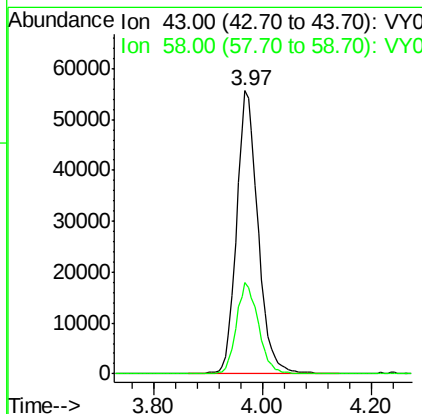
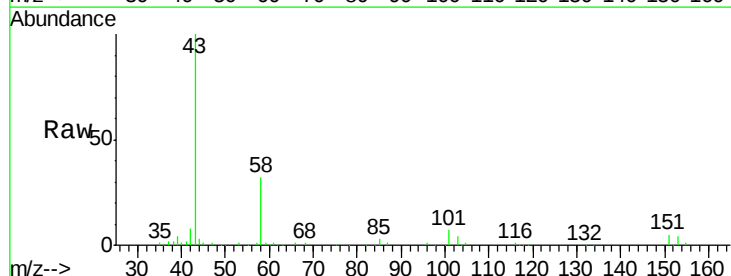
RT: 3.97 min Scan# 366

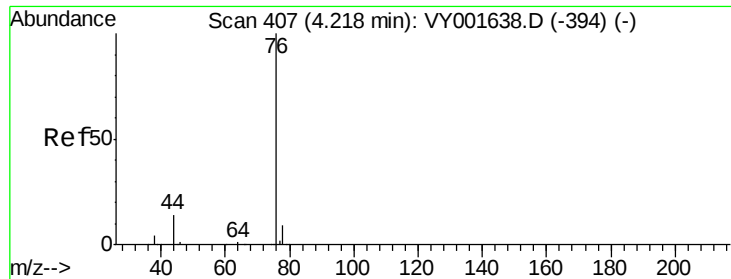
Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion:	43	Resp:	153537
Ion	Ratio	Lower	Upper
43	100		
58	32.4	27.3	40.9





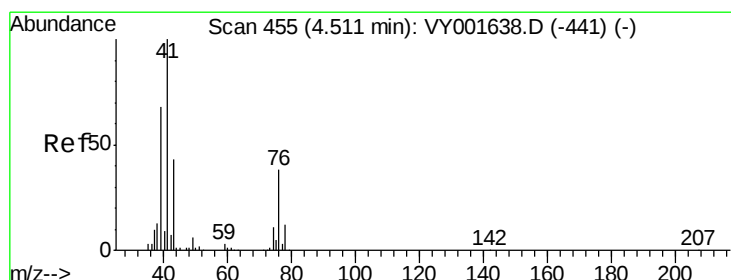
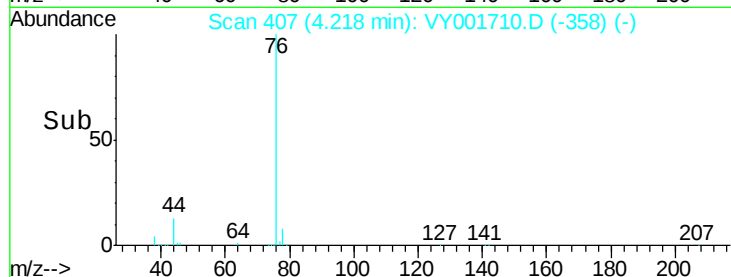
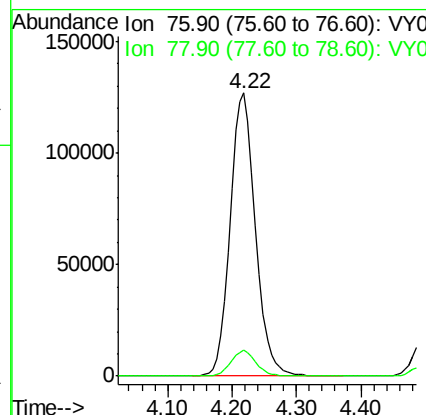
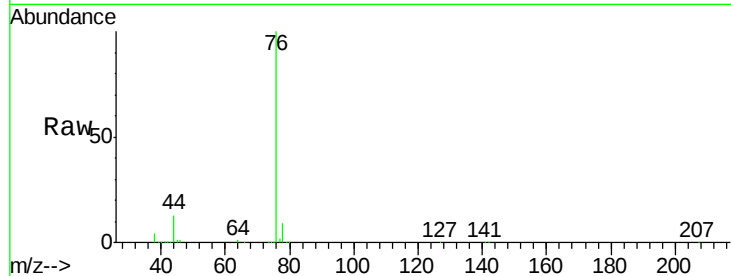
#17
Carbon Disulfide
Concen: 48.213 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

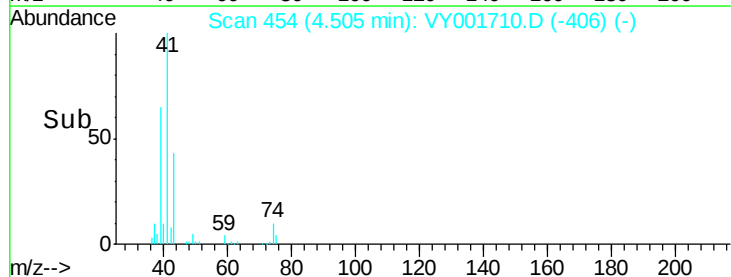
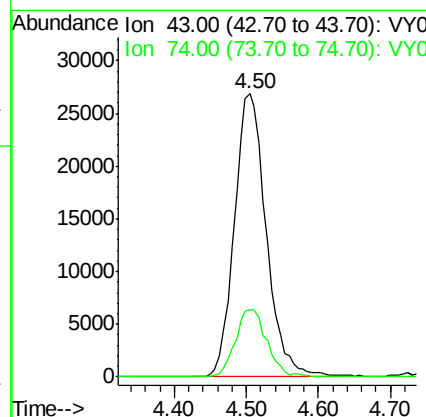
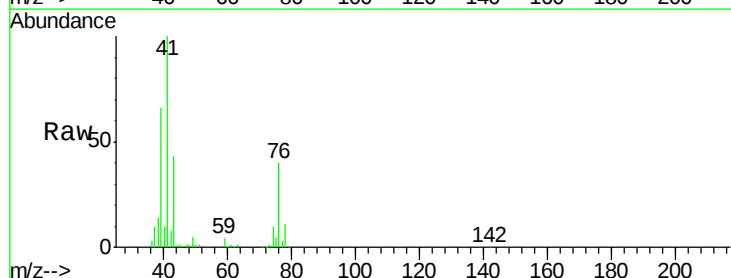
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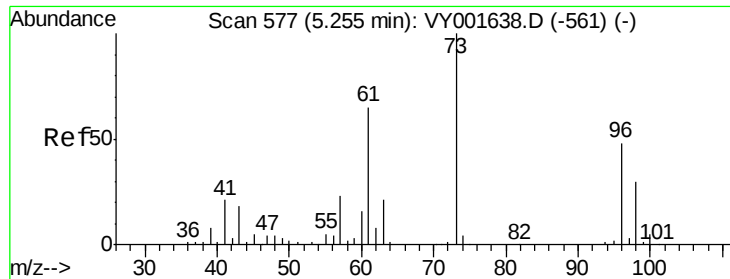
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#18
Methyl Acetate
Concen: 50.799 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.1	28.7





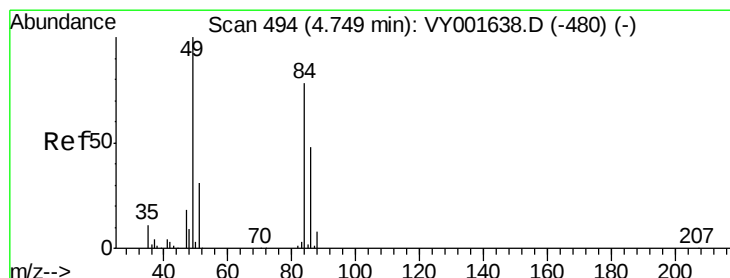
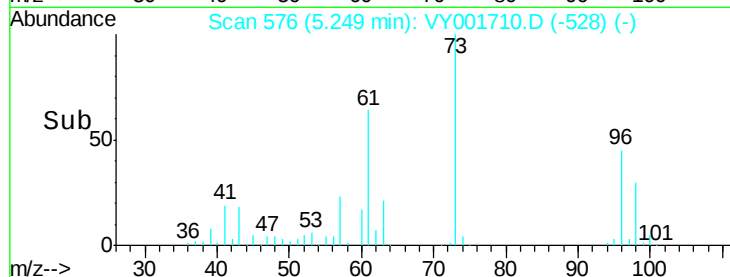
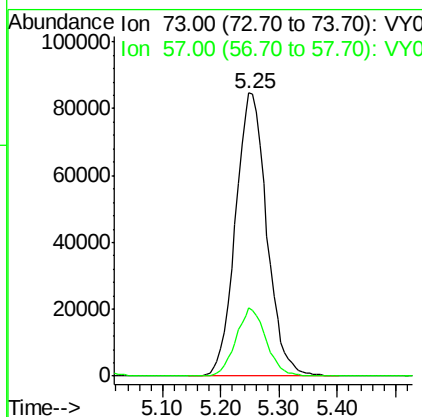
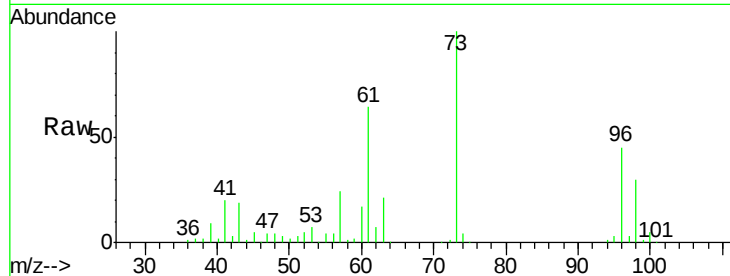
#19
Methvl tert-butvl Ether
Concen: 52.202 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 315540
Ion Ratio Lower Upper
73 100
57 24.0 19.0 28.6

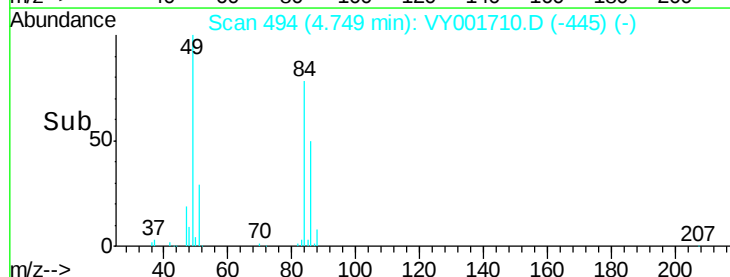
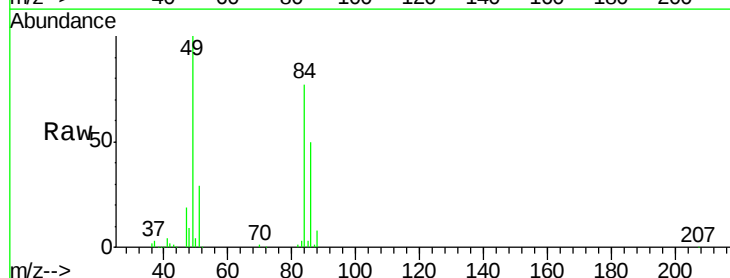
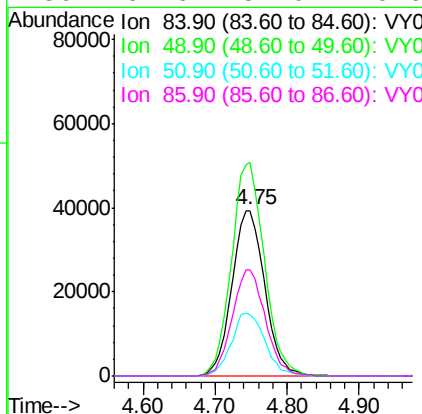
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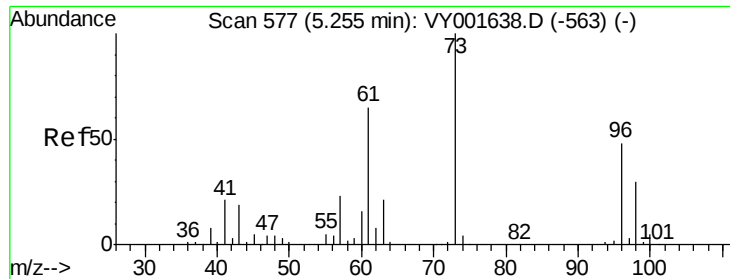
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#20
Methylene Chloride
Concen: 47.129 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 84 Resp: 124667
Ion Ratio Lower Upper
84 100
49 129.2 99.2 148.8
51 37.3 31.5 47.3
86 64.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.632 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

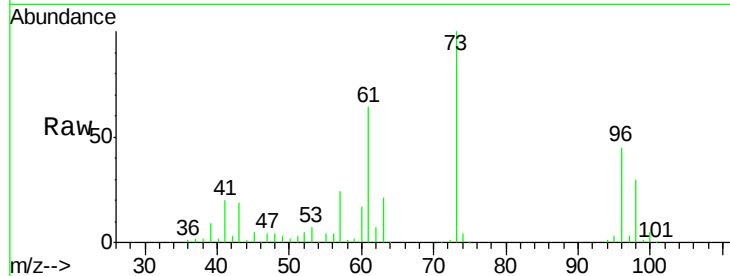
ClientSampleId :

VSTDCCC050EC

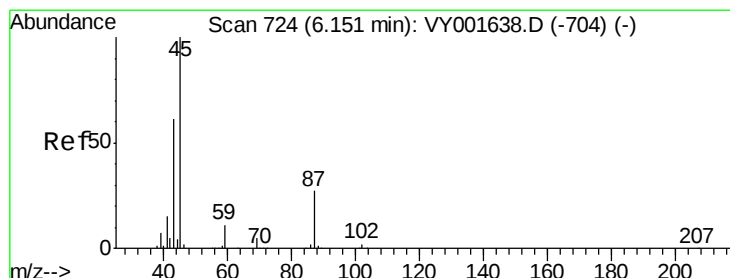
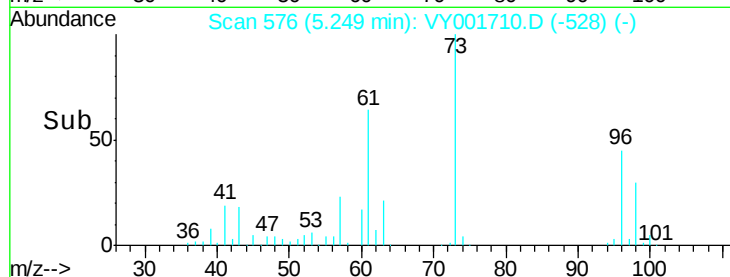
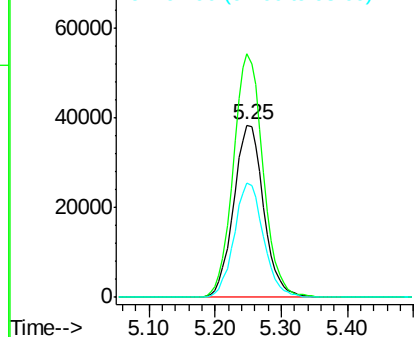
Tot Ion:	96	Resp:	120461
Ion	Ratio	Lower	Upper
96	100		
61	141.4	107.9	161.9
98	66.1	49.8	74.8

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



#22

Diisopropyl ether

Concen: 51.741 ug/l

RT: 6.15 min Scan# 724

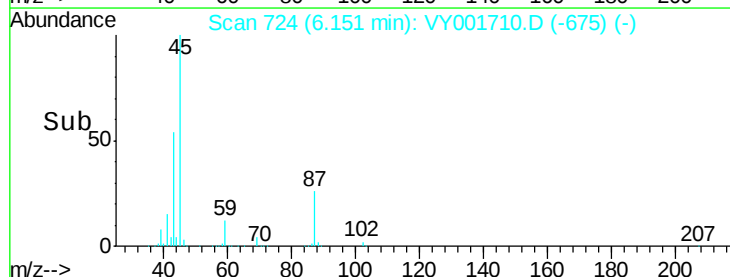
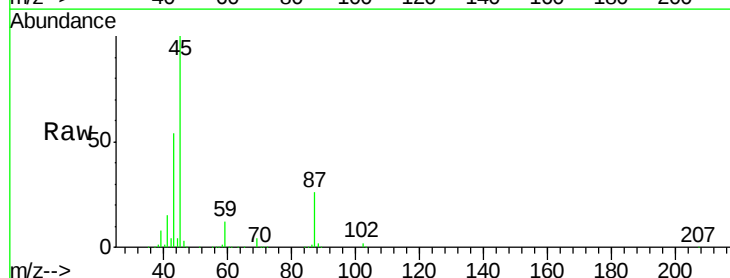
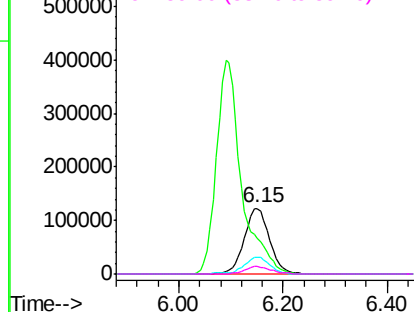
Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion:	45	Resp:	410558
Ion	Ratio	Lower	Upper
45	100		
43	54.0	46.4	69.6
87	26.1	22.1	33.1
59	11.7	9.4	14.0

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





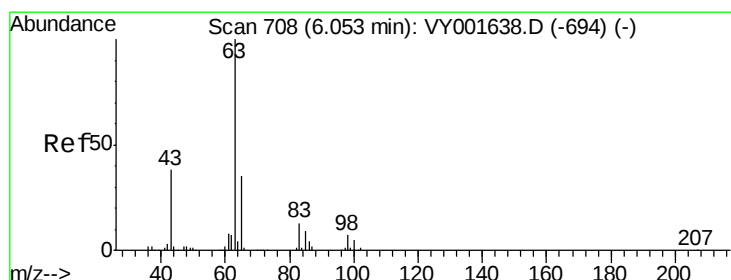
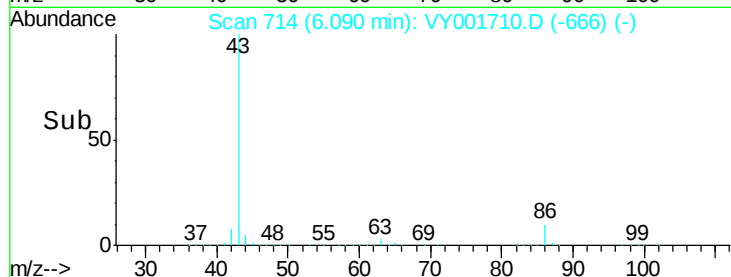
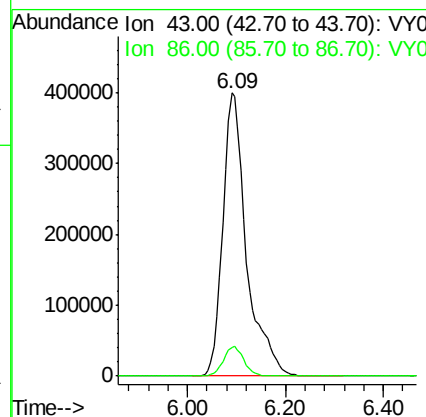
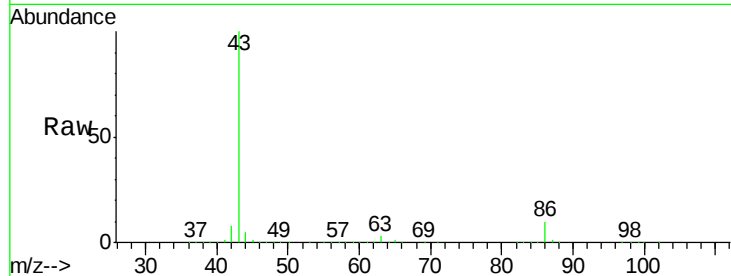
#23
 Vinyl Acetate
 Concen: 259.268 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1341931
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.8 13.2

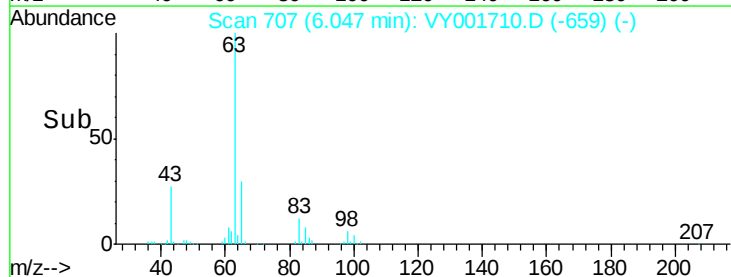
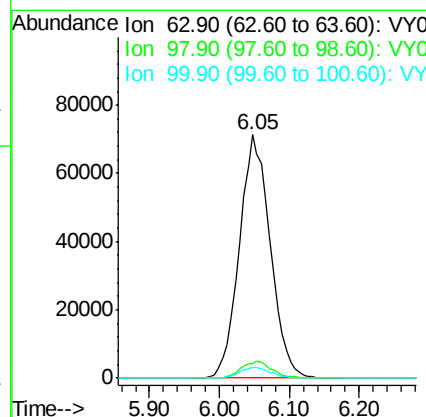
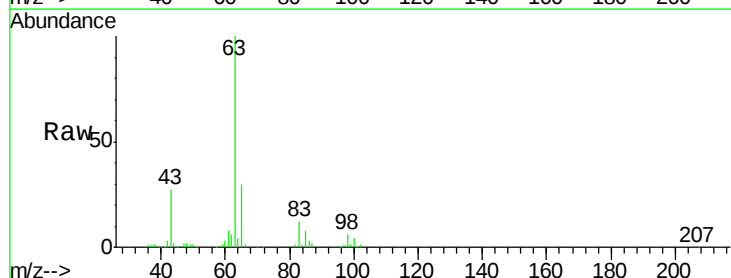
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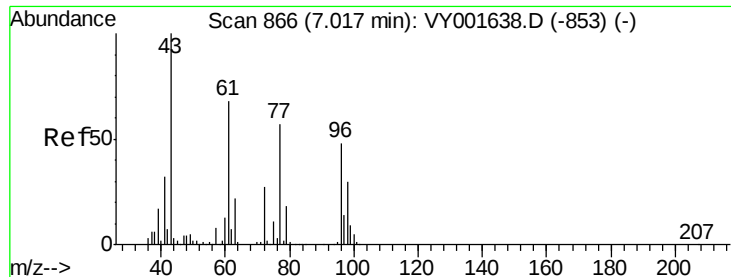
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#24
 1,1-Dichloroethane
 Concen: 51.592 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 63 Resp: 218800
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 236.870 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 239634

Ion Ratio Lower Upper

43 100

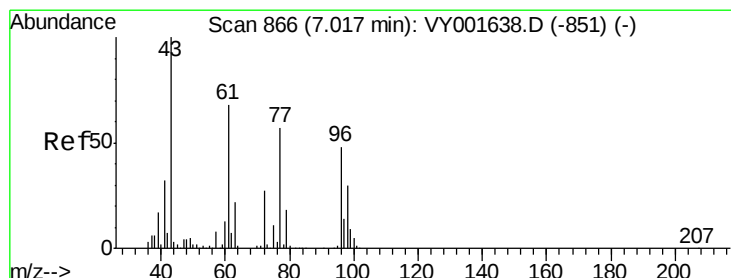
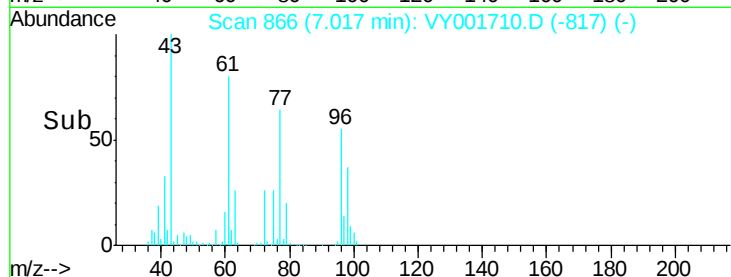
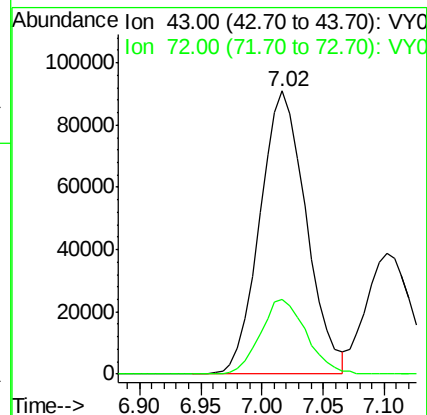
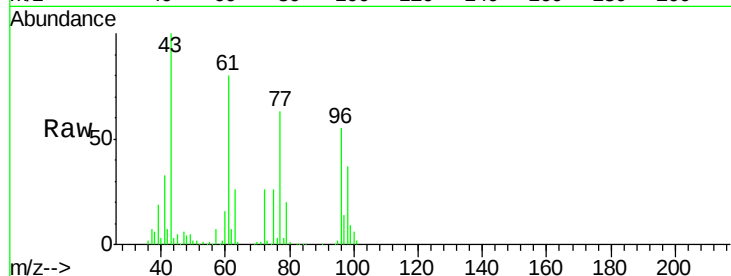
72 26.4 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.505 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001710.D

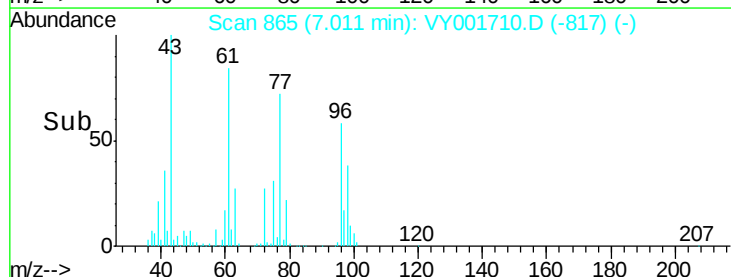
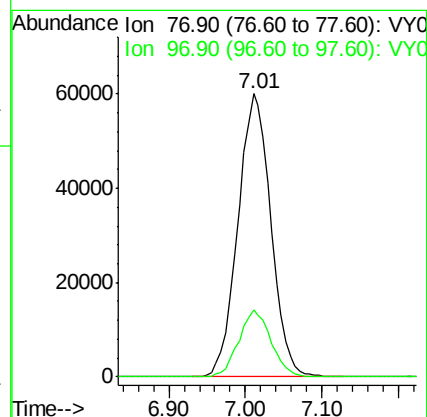
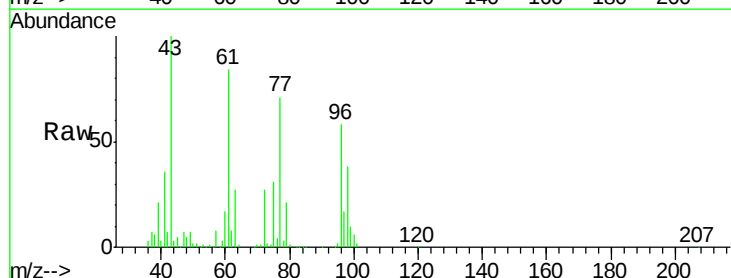
Acq: 19 Feb 2020 19:26

Tgt Ion: 77 Resp: 178972

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.4





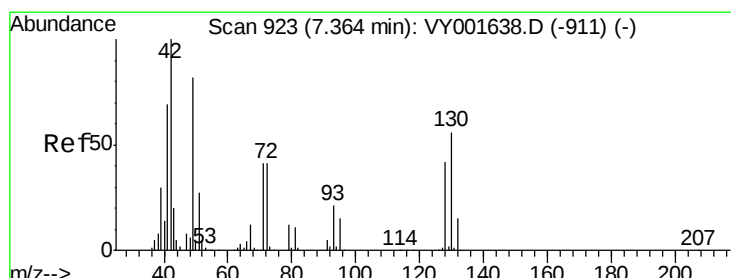
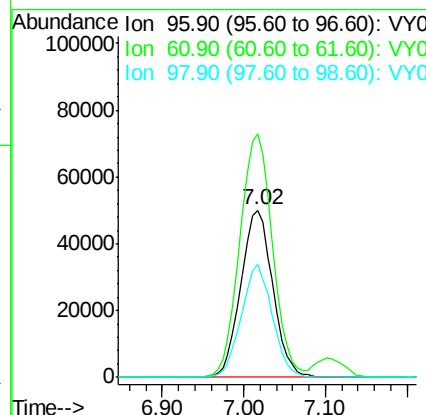
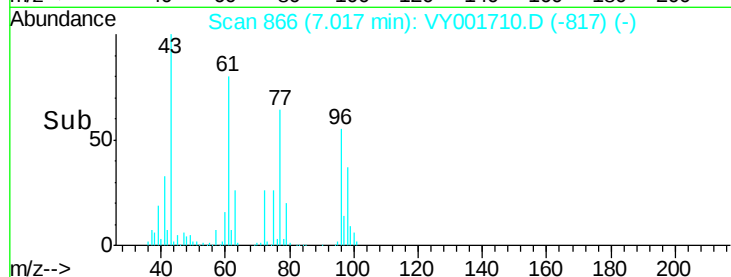
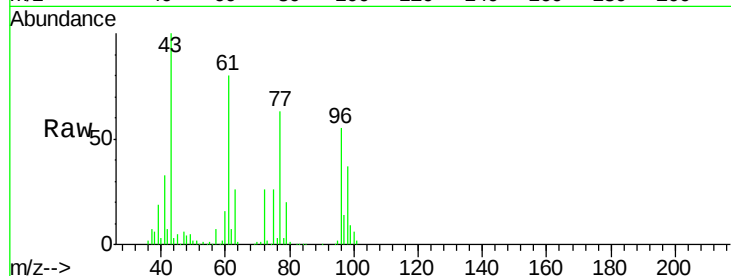
#27
 cis-1,2-Dichloroethene
 Concen: 49.651 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.1	0.0	290.8	
98	65.7	0.0	128.6	

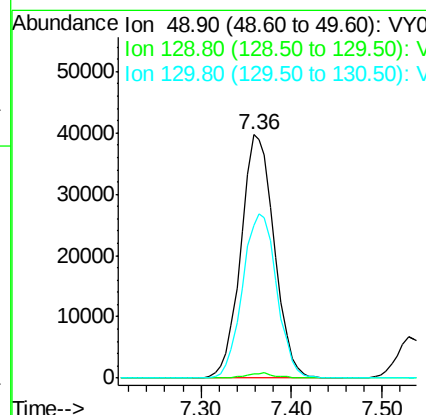
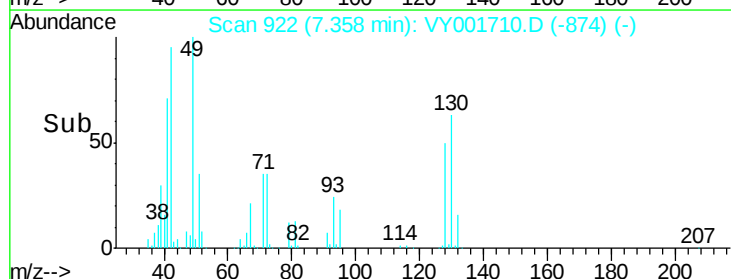
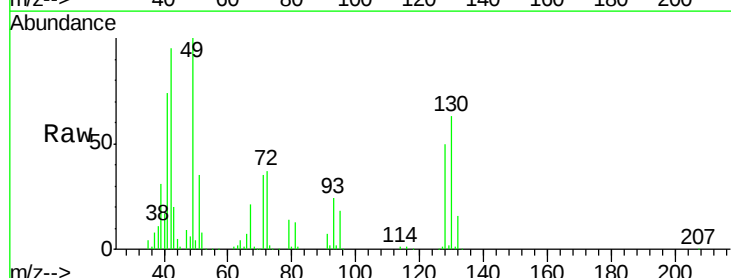
Manual Integrations
 APPROVED

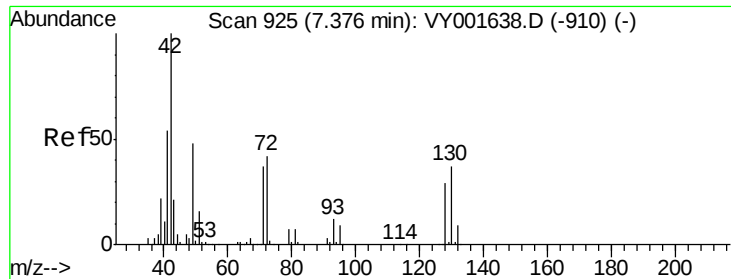
MMDadoda
 2/20/2020 5:56:28 PM



#28
 Bromochloromethane
 Concen: 57.103 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.6	
130	69.1	56.2	84.4	





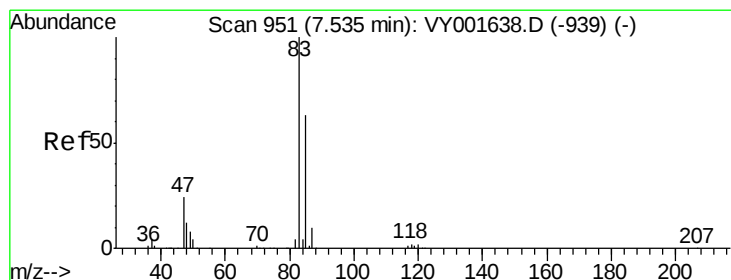
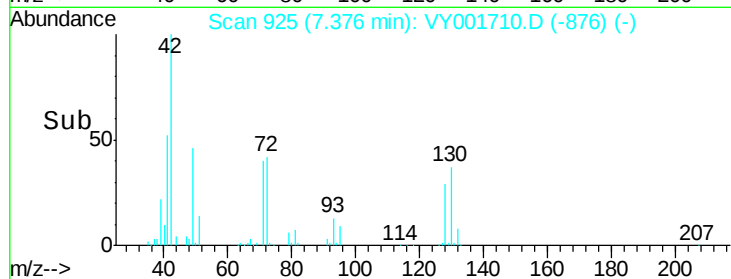
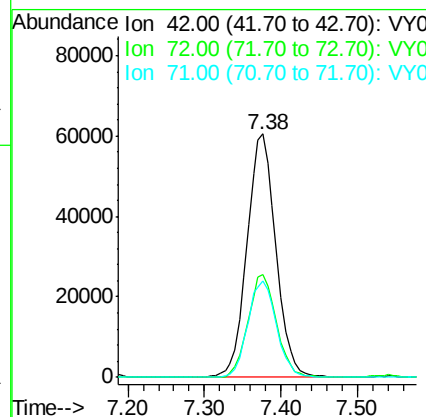
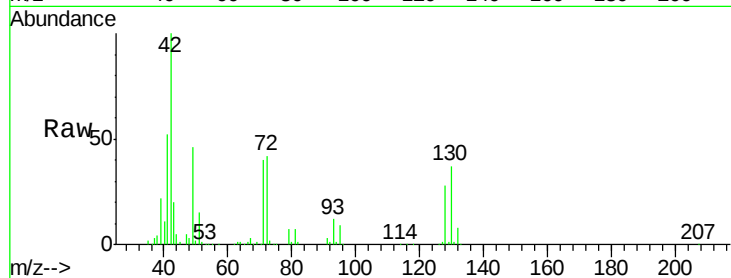
#29
Tetrahydrofuran
Concen: 259.382 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.4	51.6
71	39.5	31.8	47.8

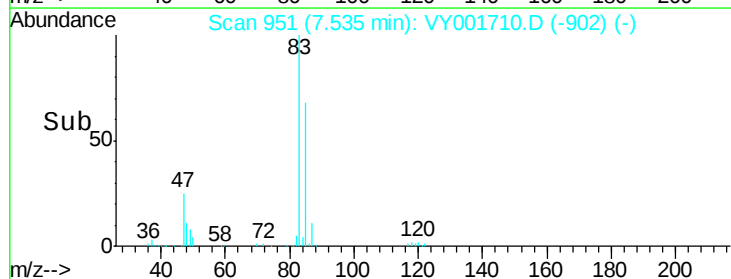
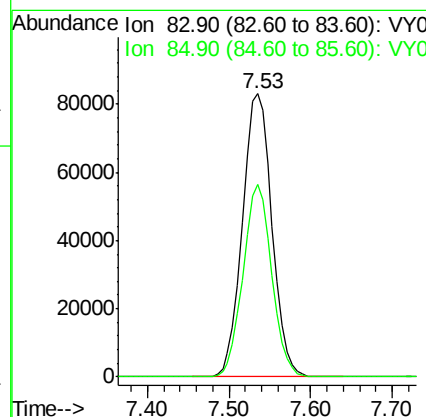
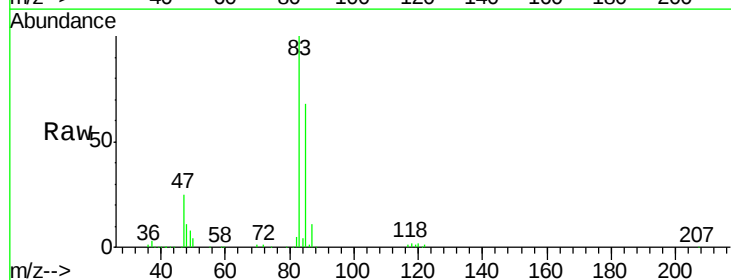
Manual Integrations
APPROVED

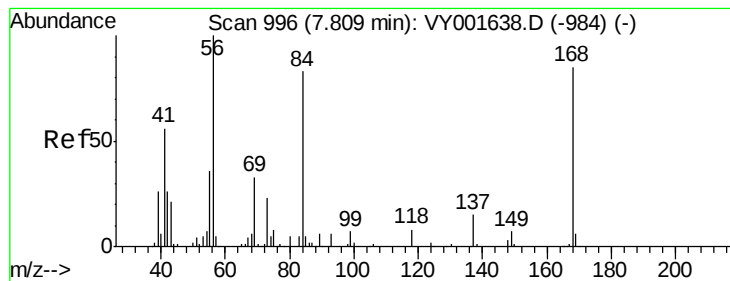
MMDadoda
2/20/2020 5:56:28 PM



#30
Chloroform
Concen: 50.119 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.6	77.4





#31

Cyclohexane

Concen: 47.903 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 216605

Ion Ratio Lower Upper

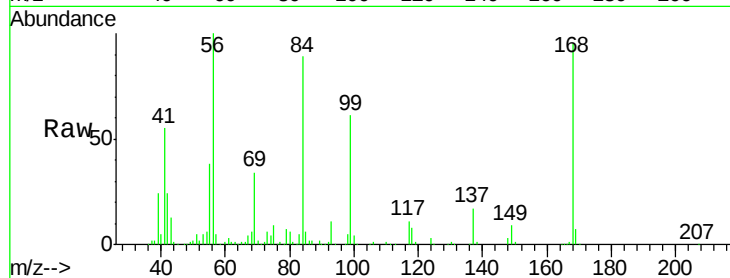
56 100

69 33.6 25.1 37.7

84 88.2 66.9 100.3

Manual Integrations
APPROVED

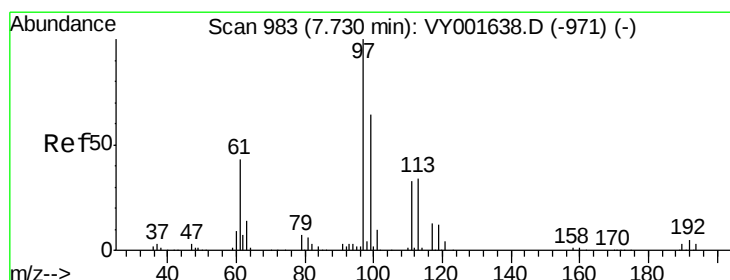
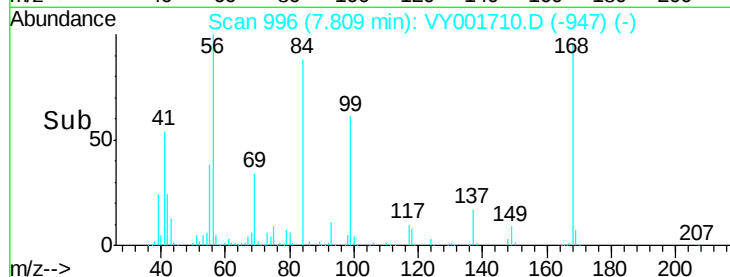
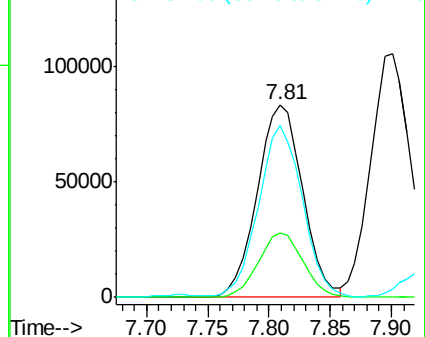
MMDadoda
2/20/2020 5:56:28 PM



Abundance Ion 56.00 (55.70 to 56.70): VY001710.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001710.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001710.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 51.007 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

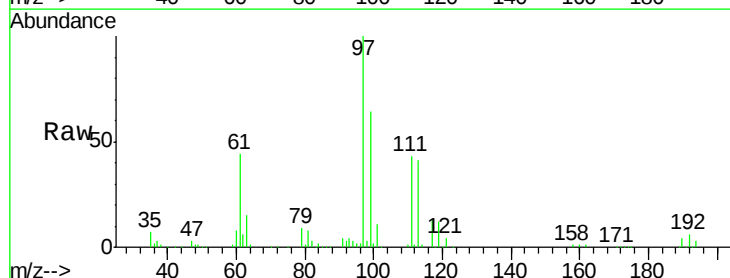
Tgt Ion: 97 Resp: 177649

Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

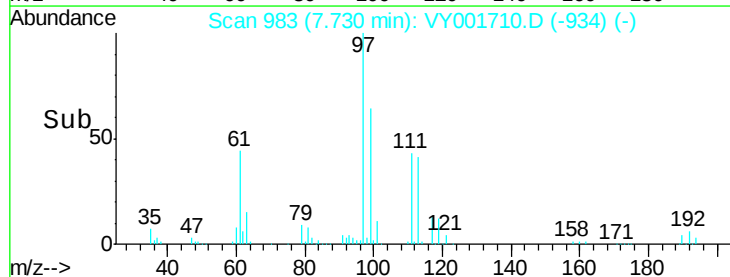
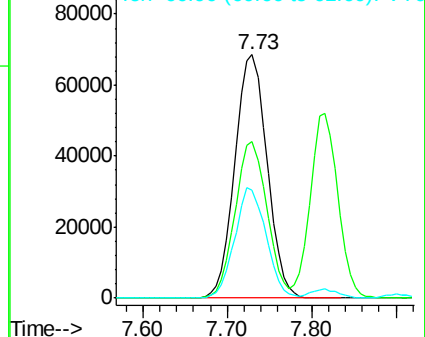
61 44.2 35.0 52.6

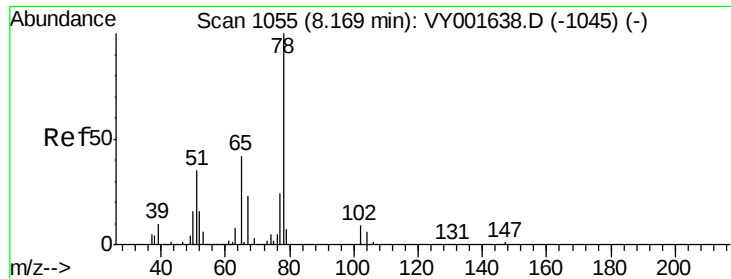


Abundance Ion 96.90 (96.60 to 97.60): VY001710.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001710.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001710.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 55.052 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 118488

Ion Ratio Lower Upper

65 100

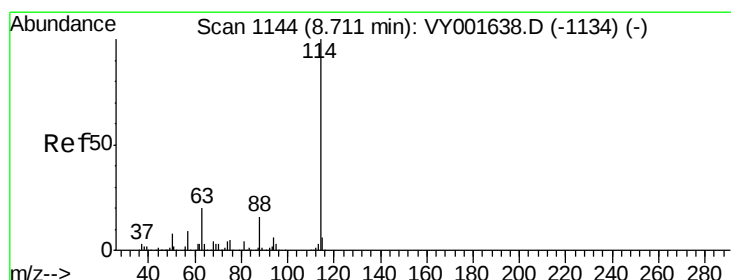
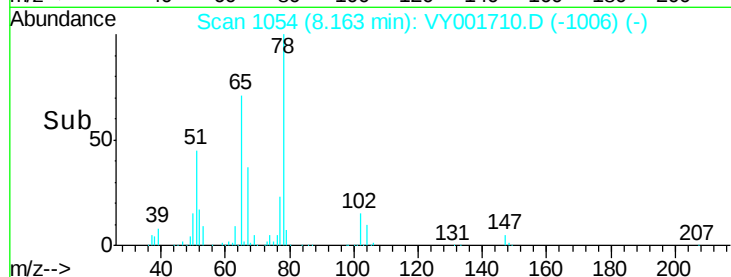
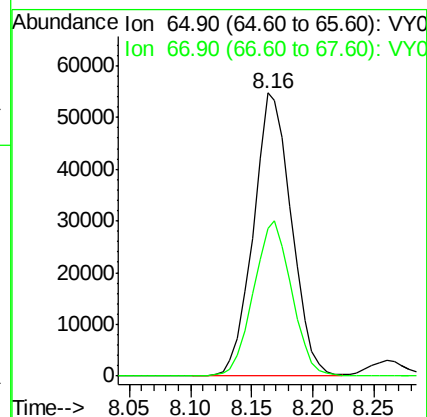
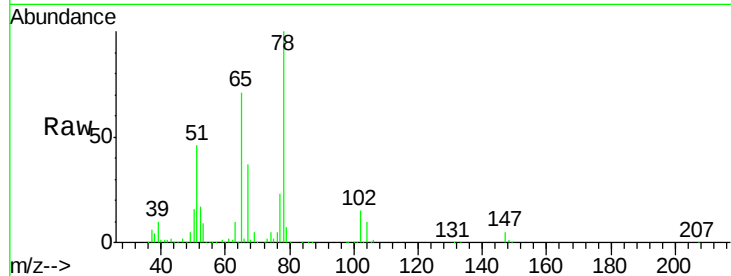
67 54.6 0.0 111.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

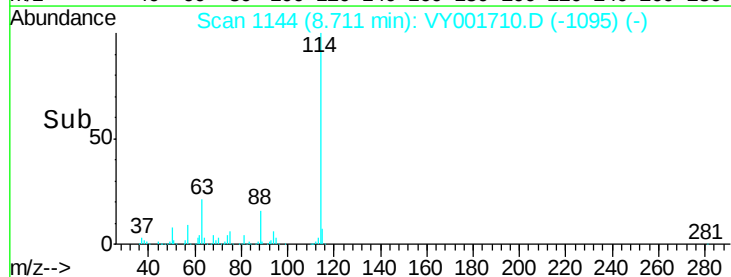
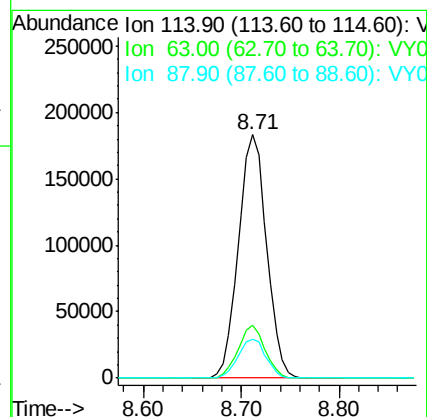
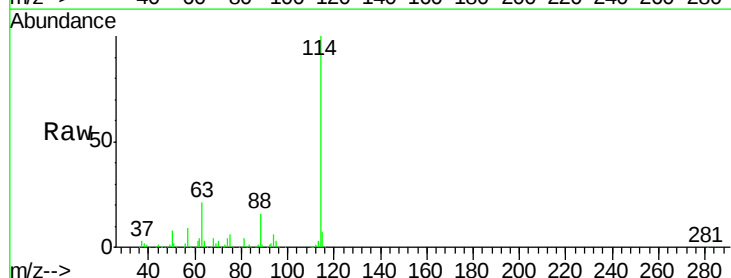
Tgt Ion: 114 Resp: 365793

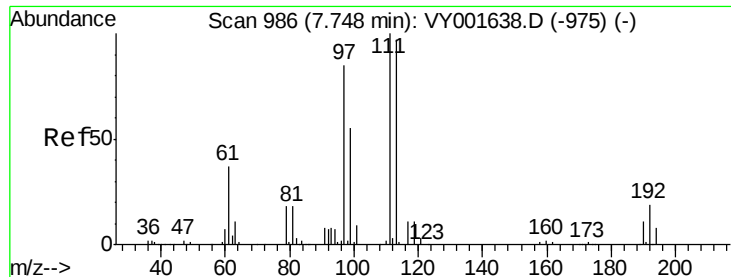
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

88 15.9 0.0 32.8





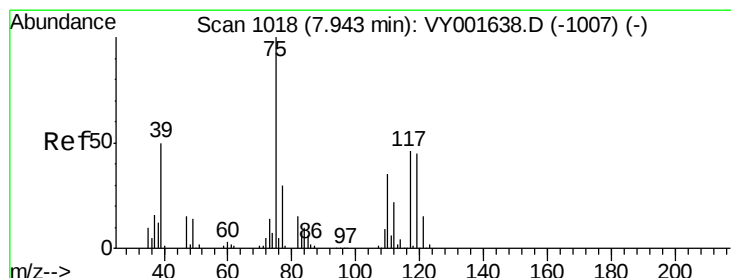
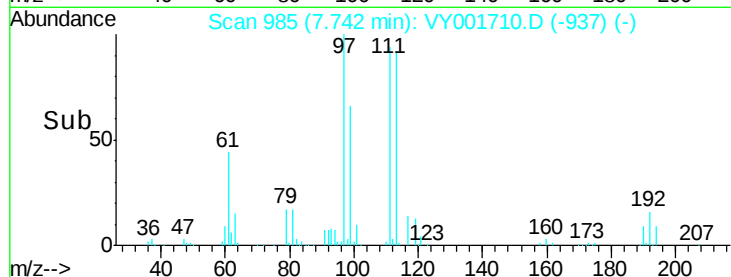
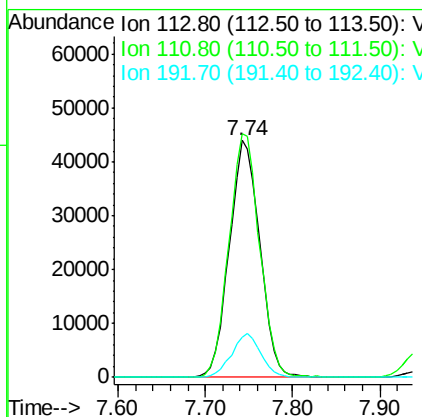
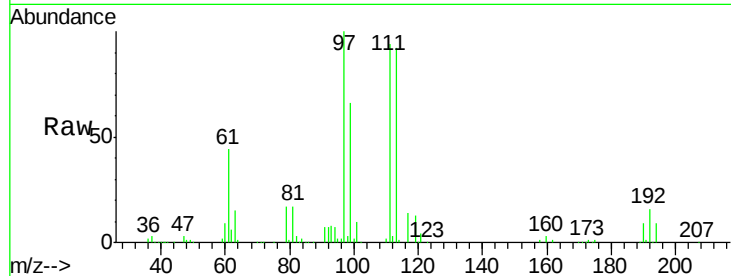
#35
 Dibromofluoromethane
 Concen: 50.832 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106499		
111	103.4	81.9	122.9	
192	17.8	14.3	21.5	

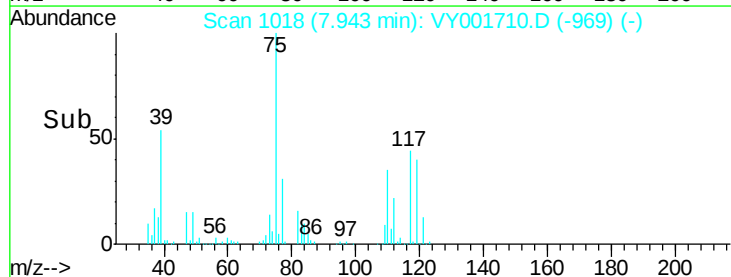
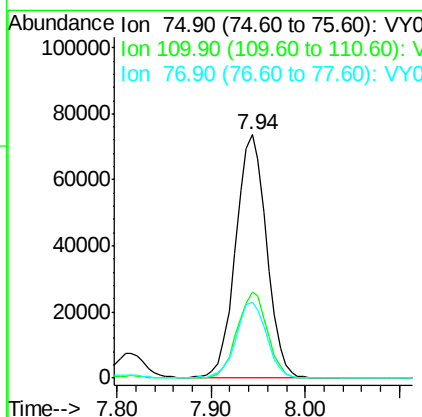
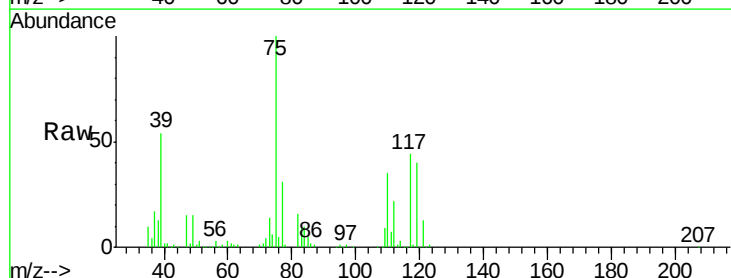
Manual Integrations
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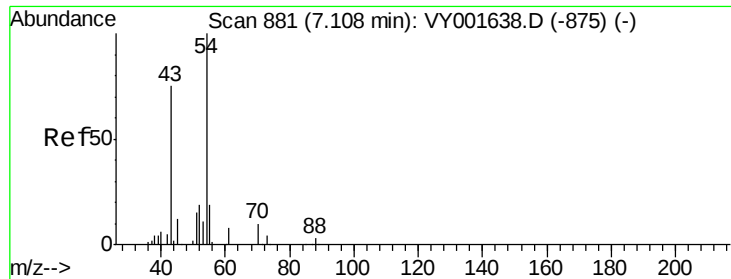
MMDadoda
 2/20/2020 5:56:28 PM



#36
 1,1-Dichloropropene
 Concen: 48.340 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168902		
110	34.5	17.2	51.6	
77	31.2	24.8	37.2	





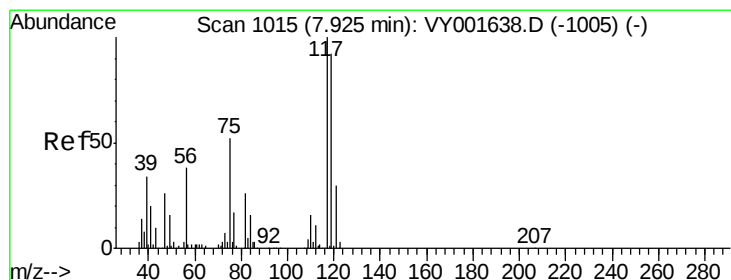
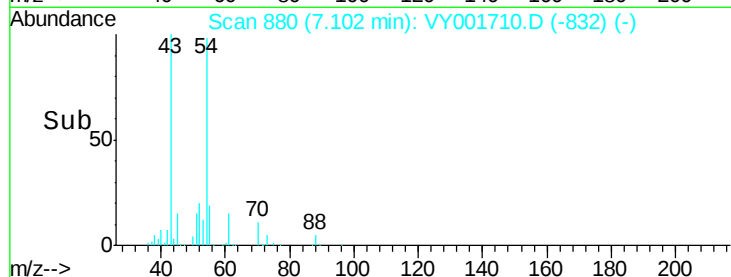
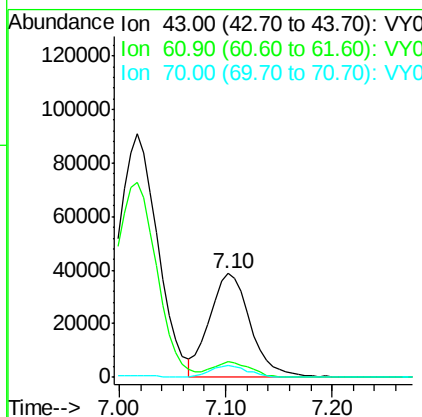
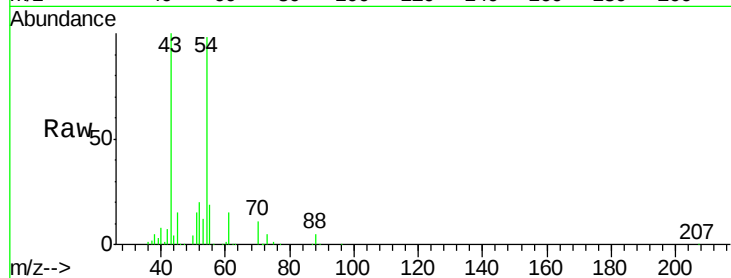
#37
Ethyl Acetate
Concen: 49.350 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.6
70	10.7	8.8	13.2

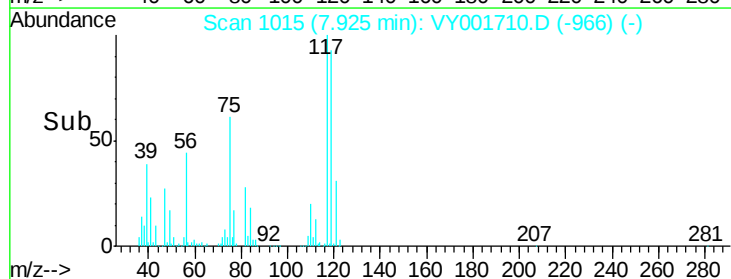
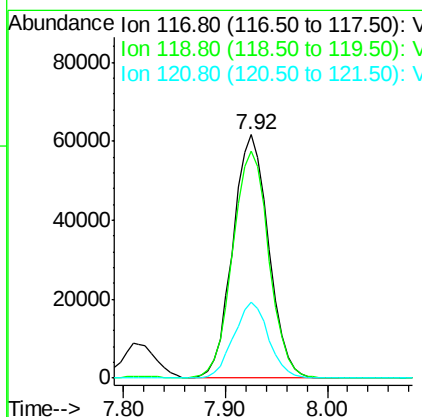
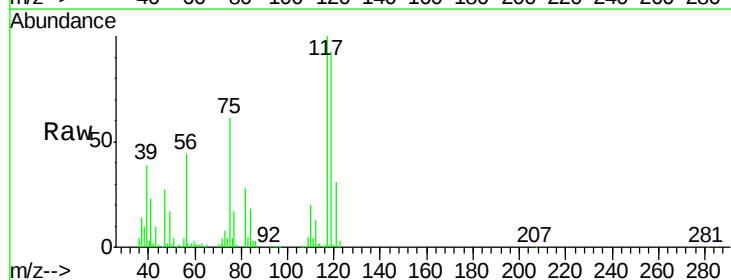
Manual Integrations
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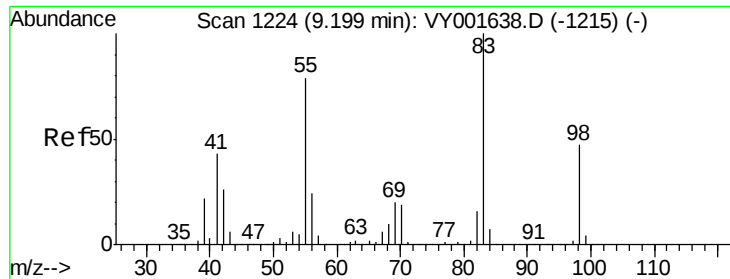
MMDadoda
2/20/2020 5:56:28 PM



#38
Carbon Tetrachloride
Concen: 48.877 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.8	112.2
121	31.0	23.8	35.6





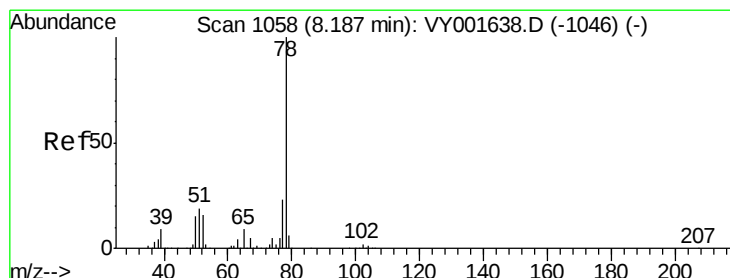
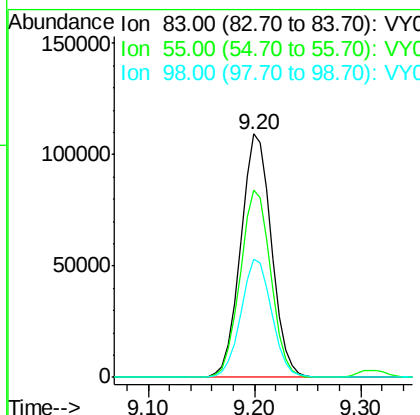
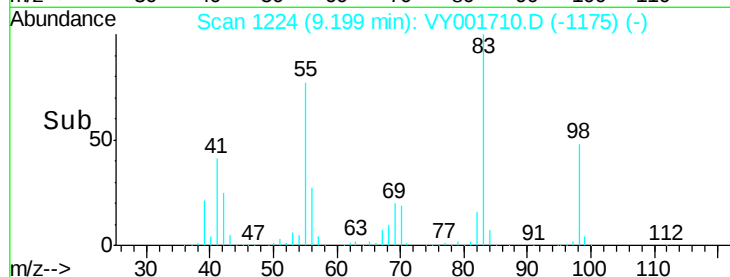
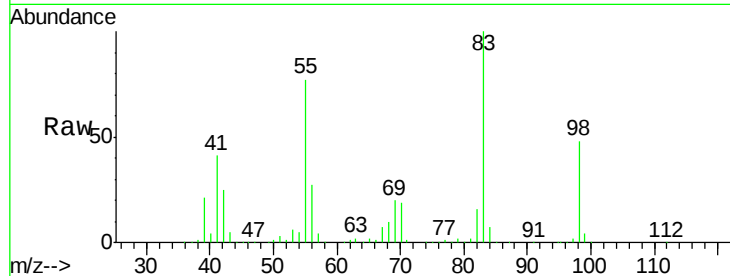
#39
Methvlcvclohexane
Concen: 47.947 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	22253		
55	76.8		61.3	91.9
98	48.3		38.0	57.0

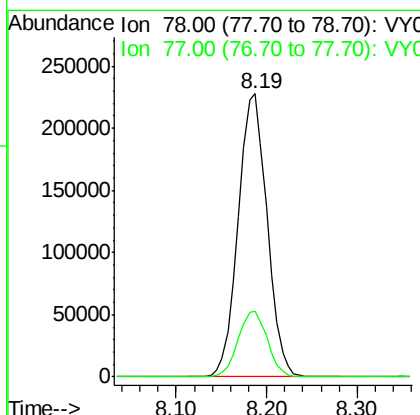
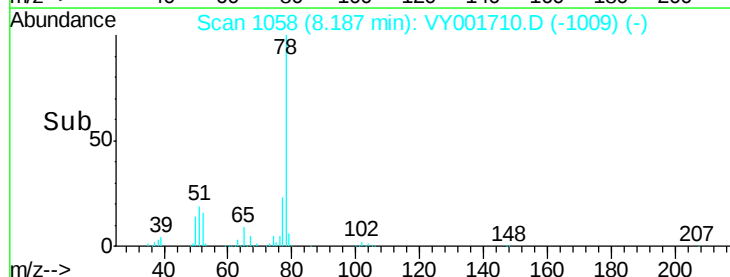
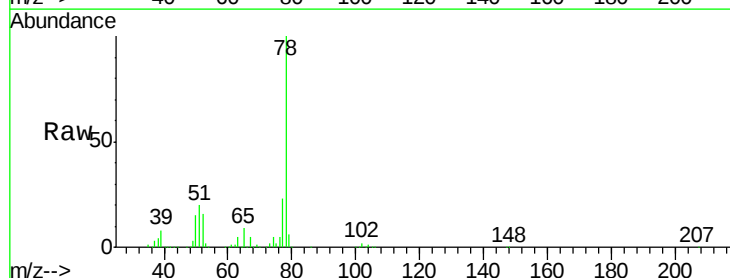
Manual Integrations
APPROVED

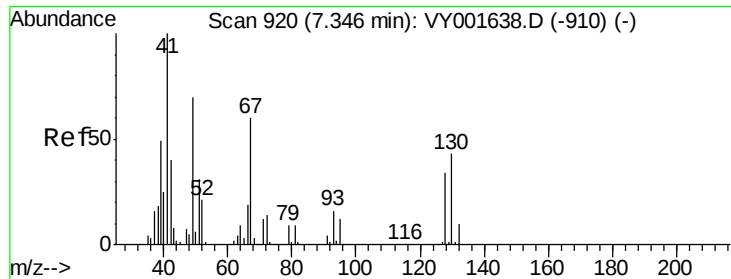
MMDadoda
2/20/2020 5:56:28 PM



#40
Benzene
Concen: 49.225 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	505839		
77	23.4		18.2	27.4





#41

Methacrylonitrile

Concen: 57.886 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

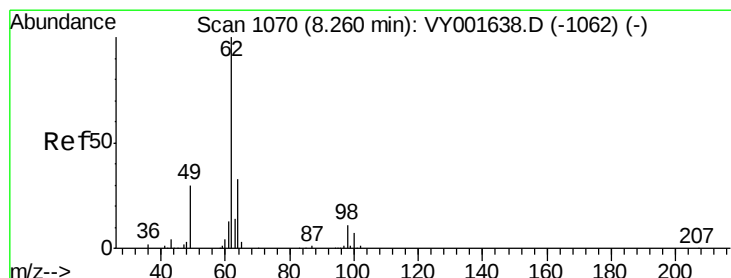
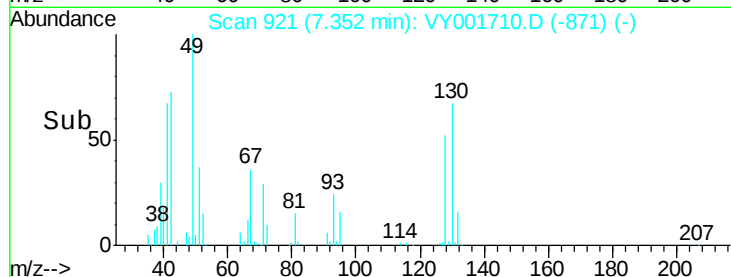
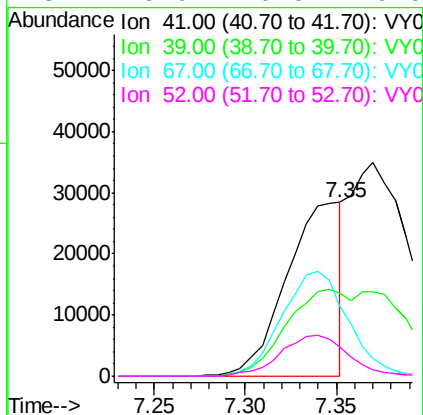
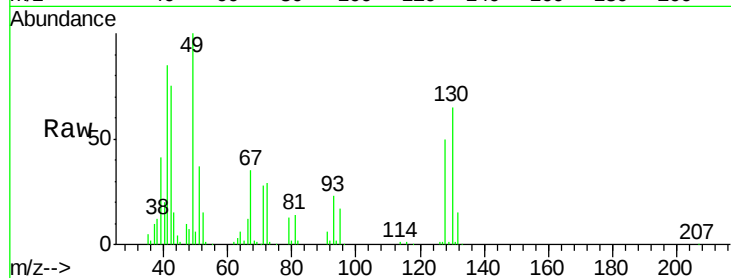
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		60613		
39	0.0	36.0	54.0#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.408 ug/l

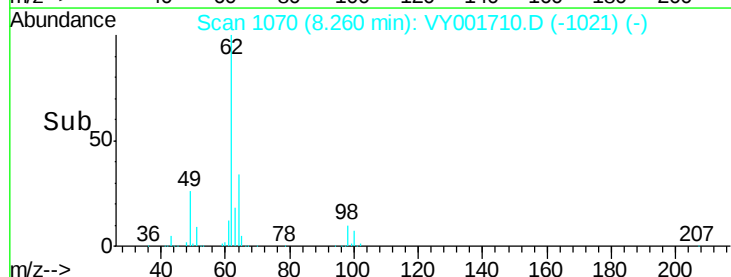
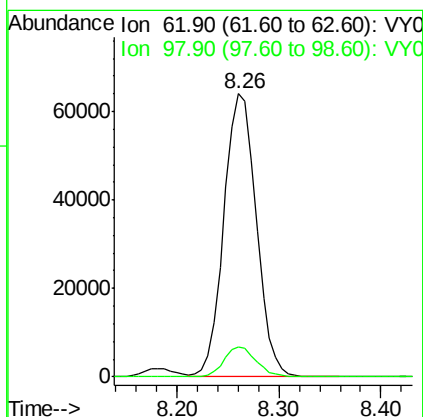
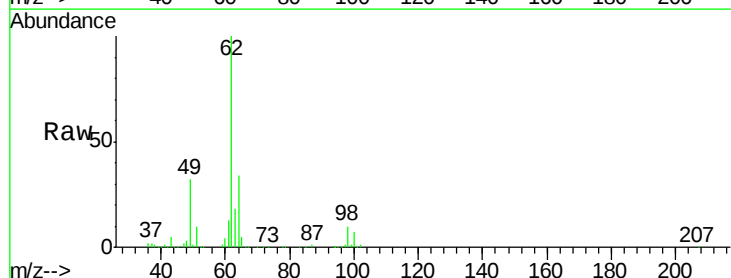
RT: 8.26 min Scan# 1070

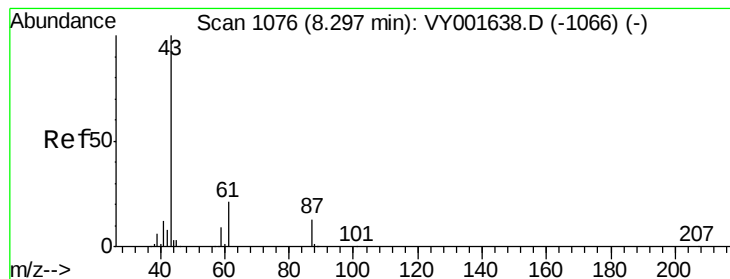
Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		141119		
98	10.4	0.0	20.8		





#43

Isopropyl Acetate

Concen: 50.775 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

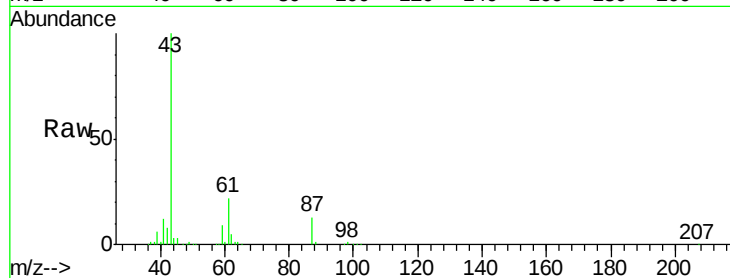
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	200905
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.4
87	13.1	10.7	16.1

Manual Integrations
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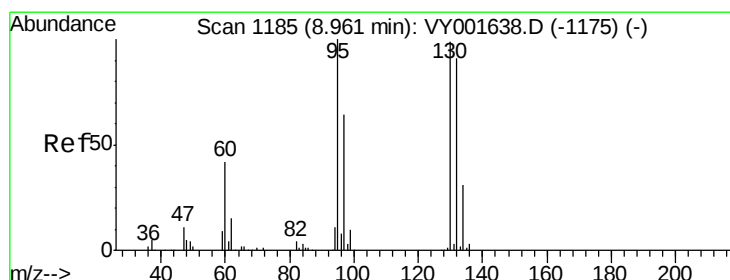
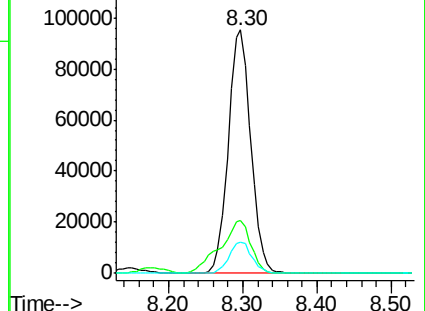
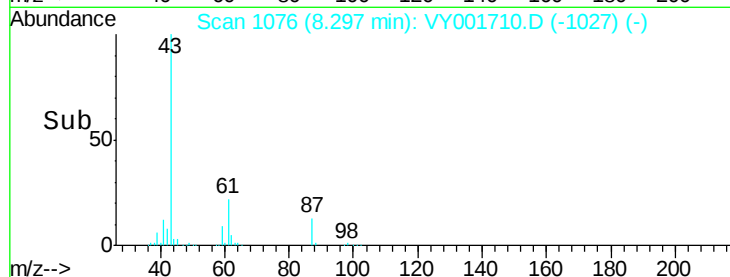


Abundance Ion 43.00 (42.70 to 43.70): VY001710.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001710.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001710.D (-1076) (-)

Time-->



#44

Trichloroethene

Concen: 48.154 ug/l

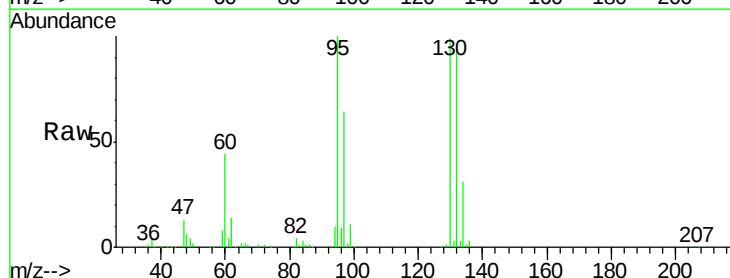
RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

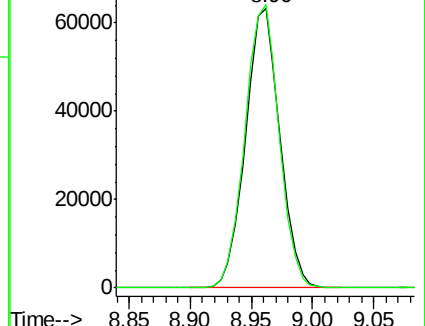
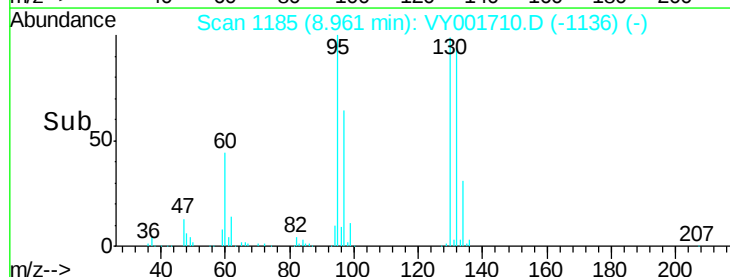
Tgt Ion:	130	Resp:	123527
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	200.6

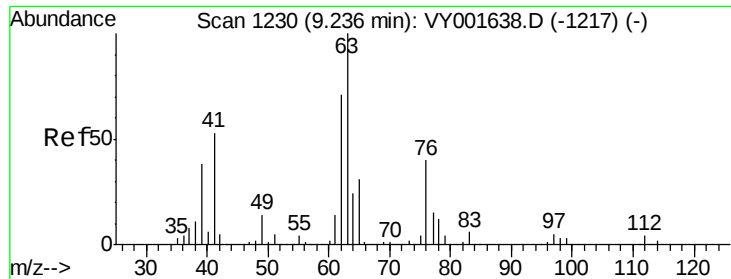


Abundance Ion 129.80 (129.50 to 130.50): VY001710.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001710.D (-1185) (-)

Time-->





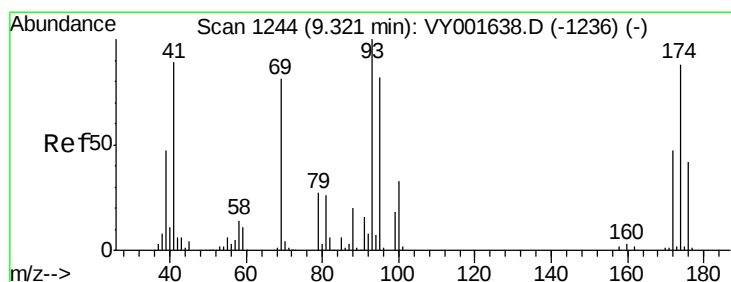
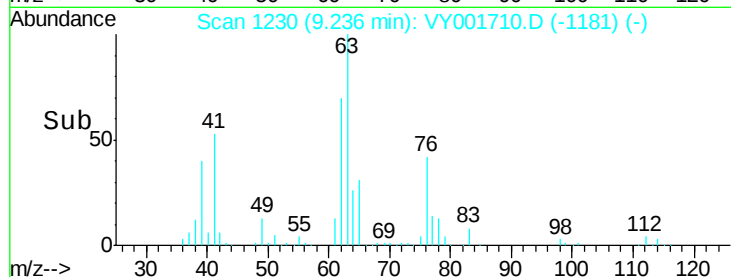
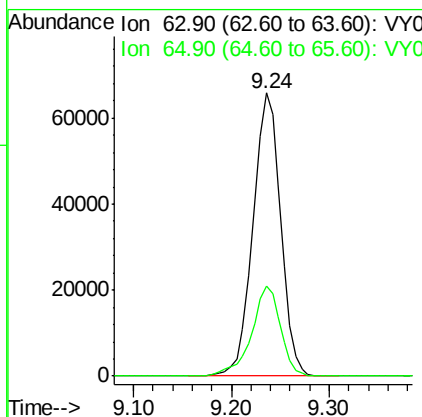
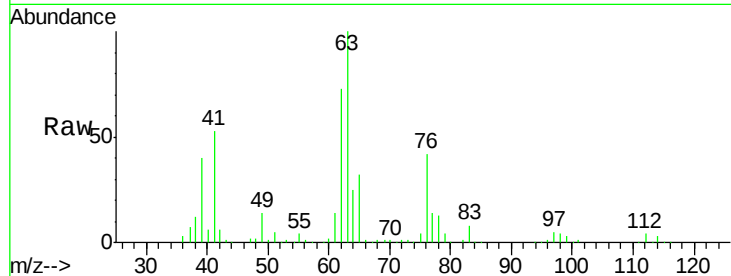
#45
 1,2-Dichloropropane
 Concen: 50.416 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 129747
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0

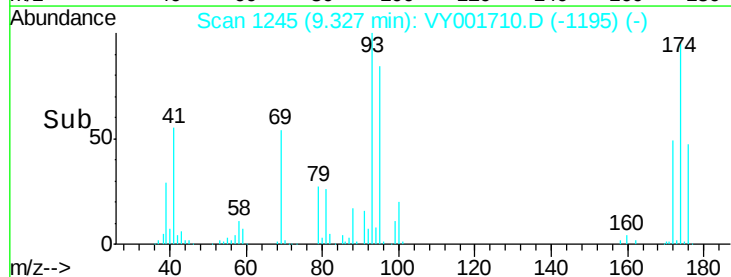
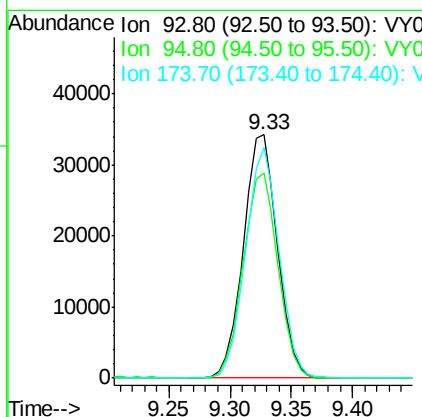
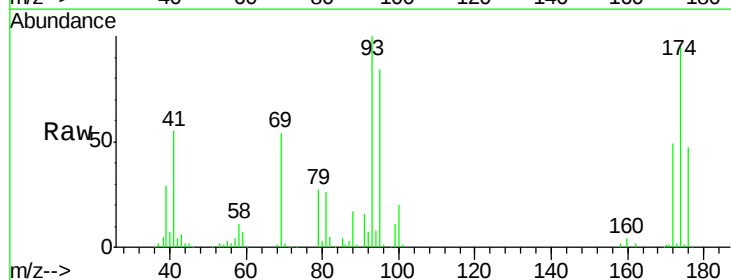
Manual Integrations
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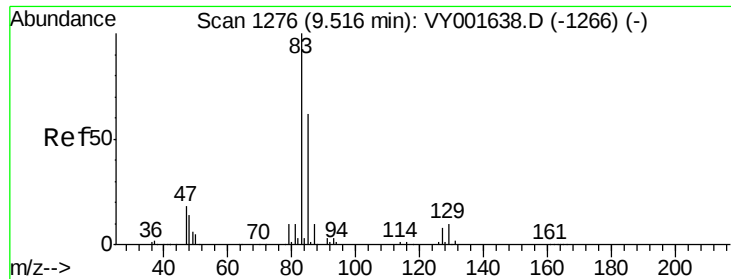
MMDadoda
 2/20/2020 5:56:28 PM



#46
 Dibromomethane
 Concen: 49.250 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 93 Resp: 66294
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.1 99.1
 174 93.1 72.5 108.7





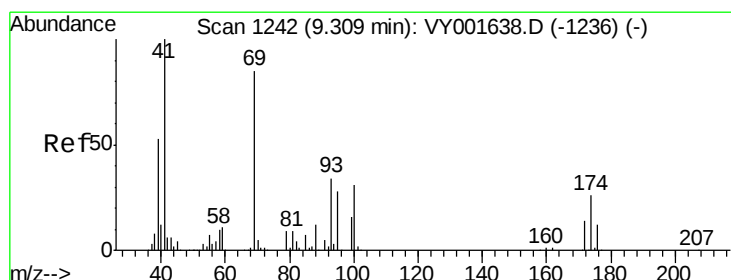
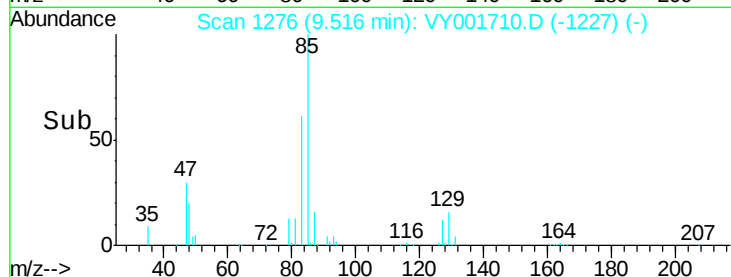
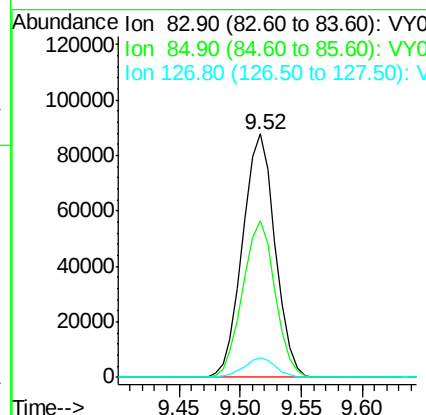
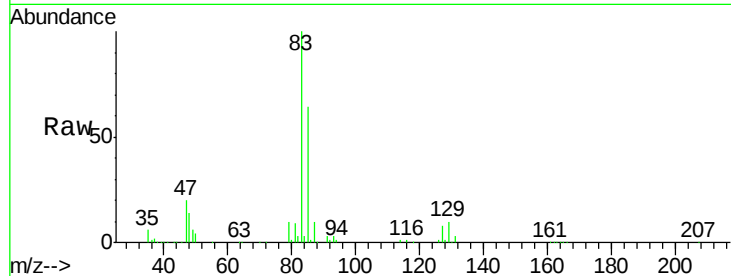
#47
Bromodichloromethane
Concen: 49.858 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0
127	8.0	6.4	9.6

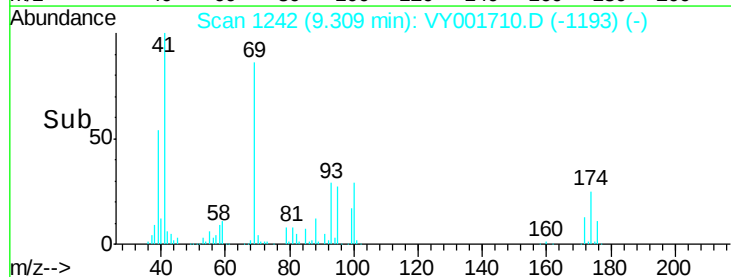
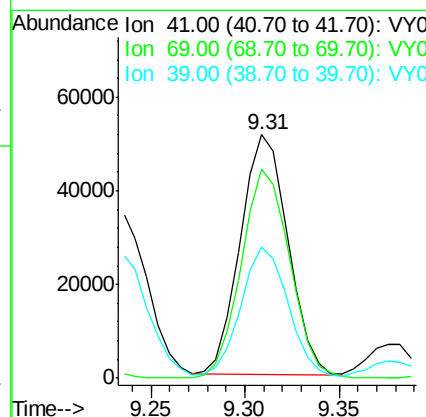
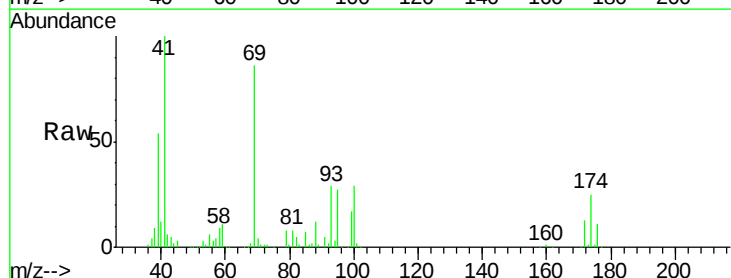
Manual Integrations
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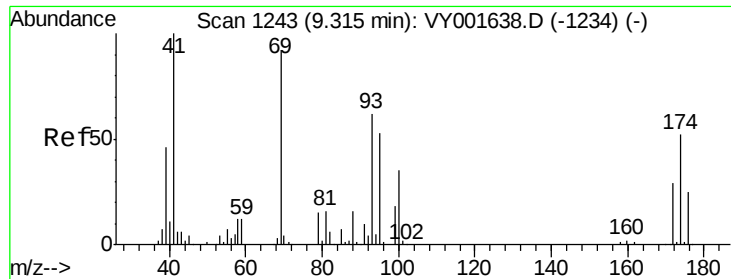
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#48
Methyl methacrylate
Concen: 50.163 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.9	70.7	106.1
39	55.4	42.2	63.2





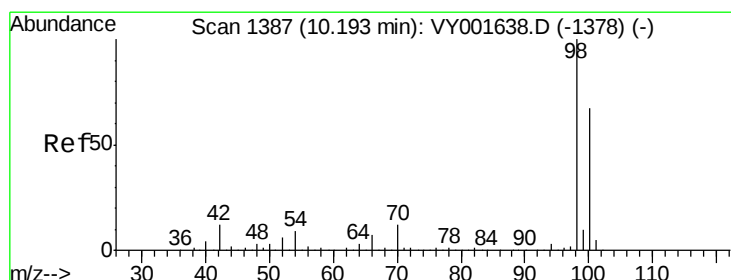
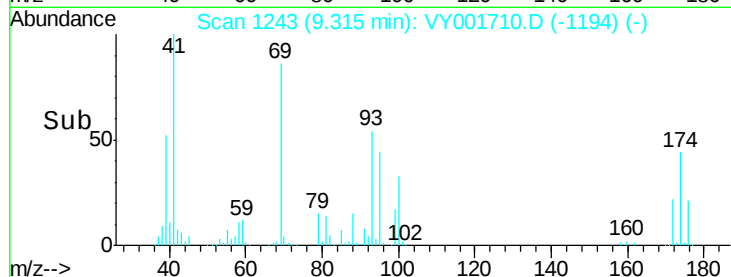
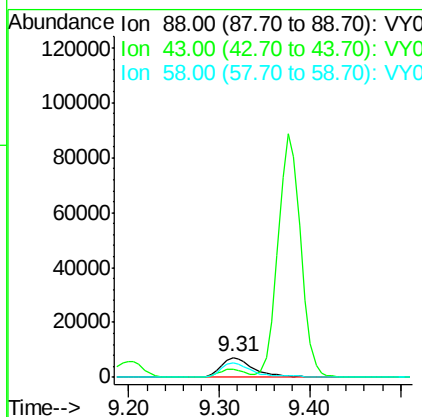
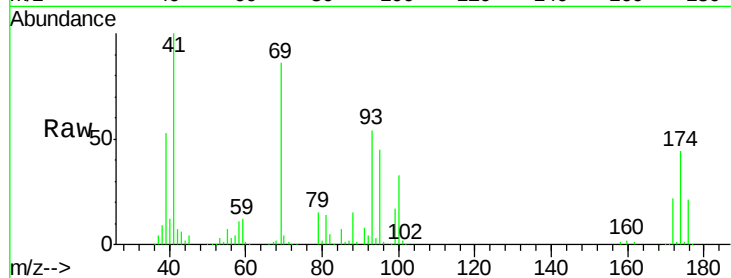
#49
1,4-Dioxane
Concen: 966.242 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	18370
Ion	Ratio	Lower	Upper
88	100		
43	33.0	23.1	34.7
58	72.5	58.1	87.1

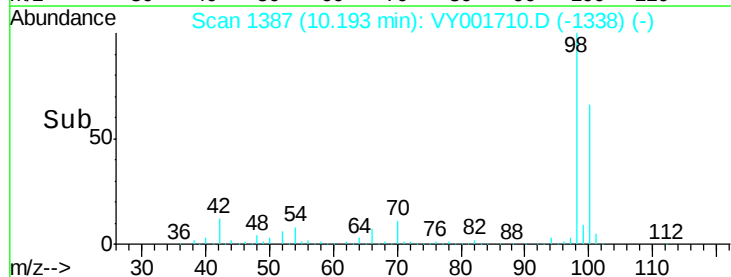
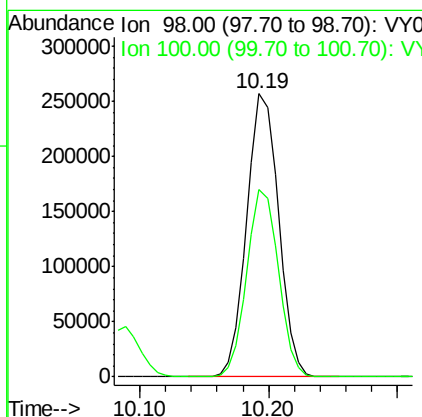
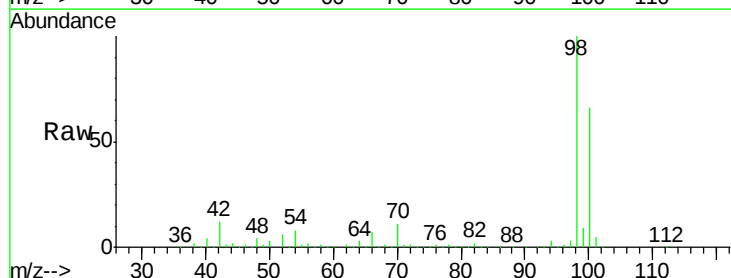
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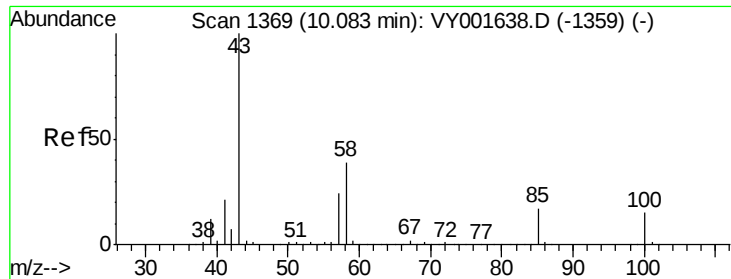
MMDadoda
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#50
Toluene-d8
Concen: 53.632 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	98	Resp	440208
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4





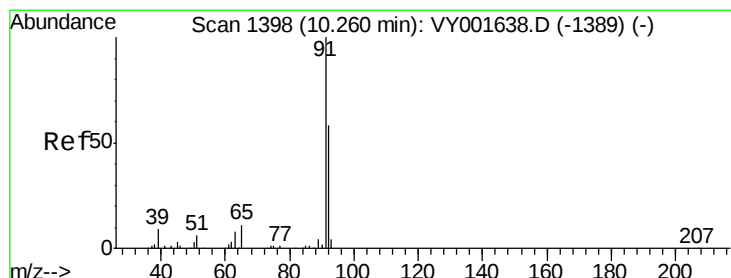
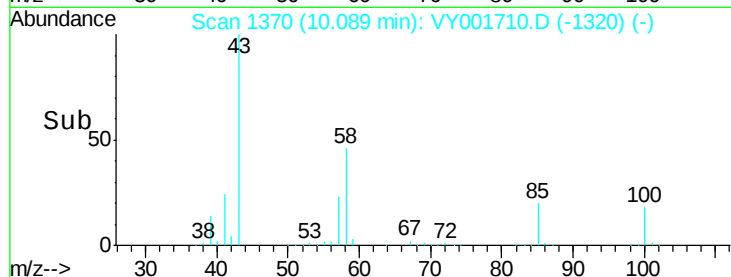
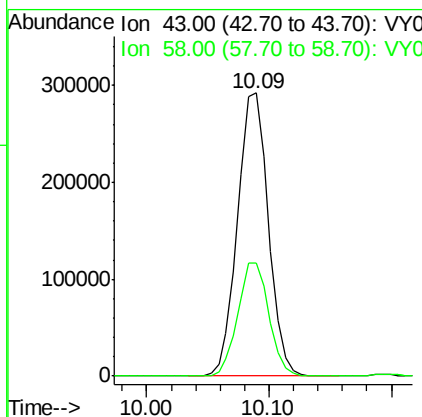
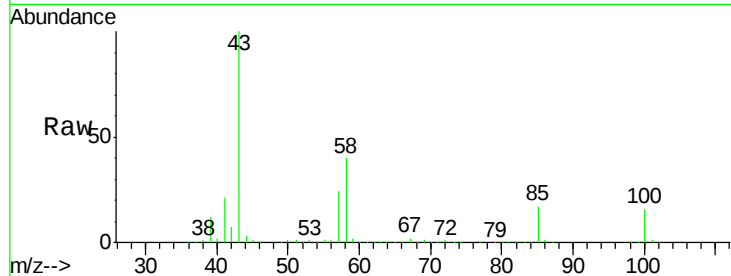
#51
4-Methyl-2-Pentanone
Concen: 251.221 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Resp	Lower	Upper
510723	100	40.2		32.2	48.4

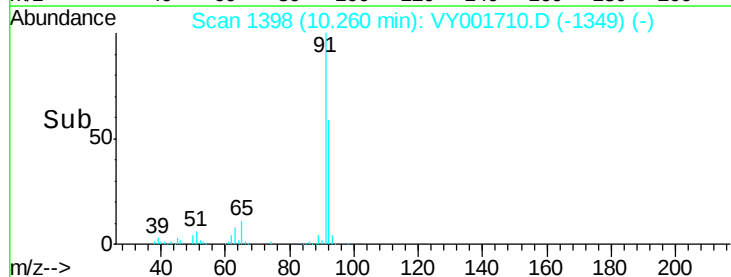
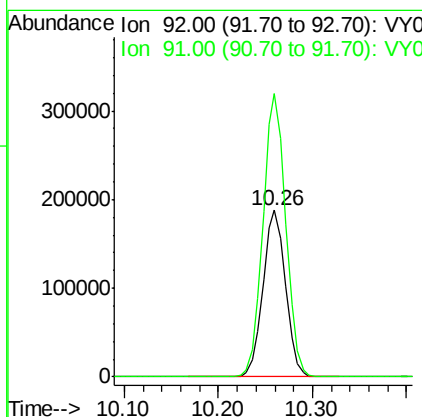
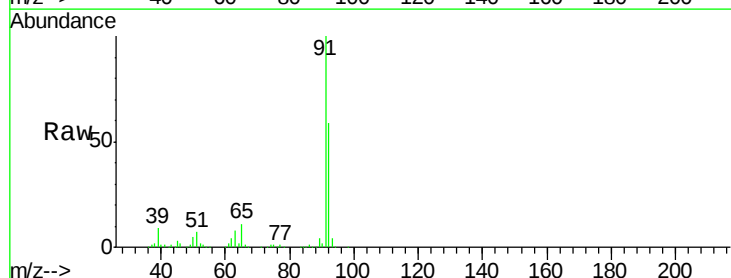
Manual Integrations
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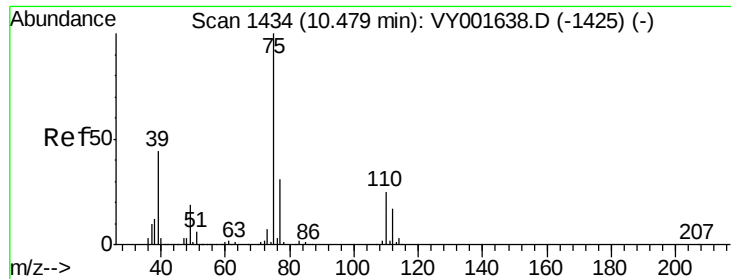
MMDadoda
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#52
Toluene
Concen: 49.523 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	92	91	Resp	Lower	Upper
317443	100	170.8		137.0	205.6





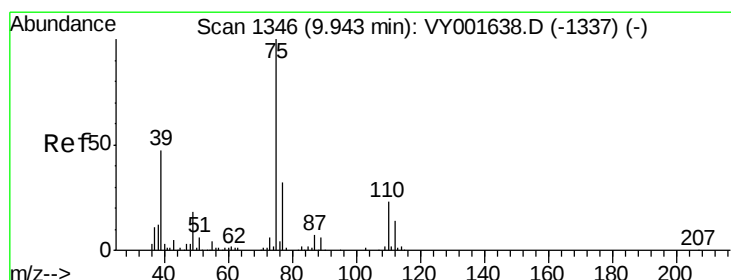
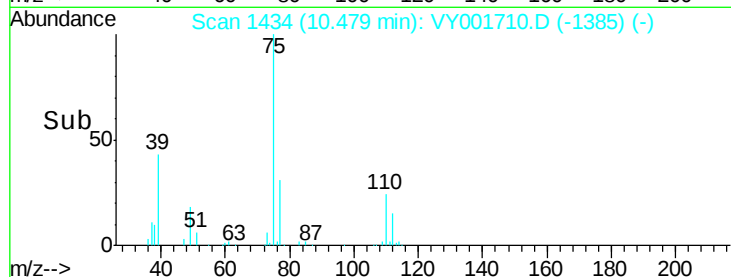
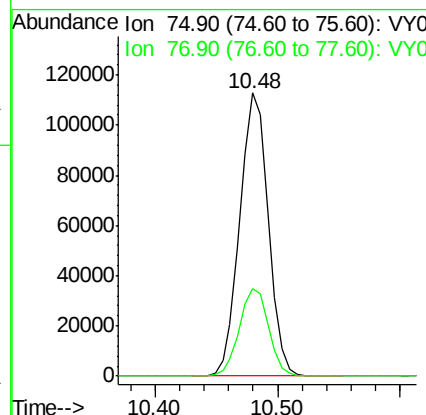
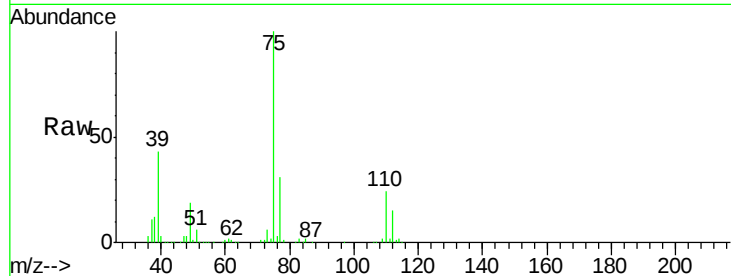
#53
 t-1,3-Dichloropropene
 Concen: 50.596 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 181712
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

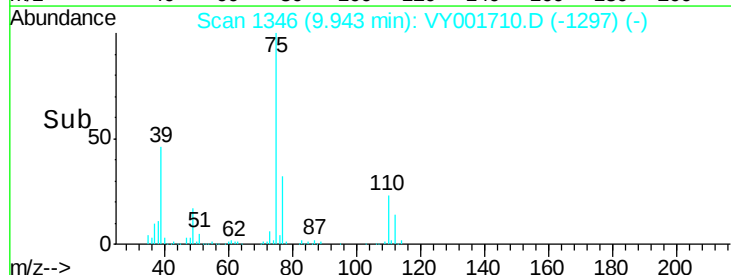
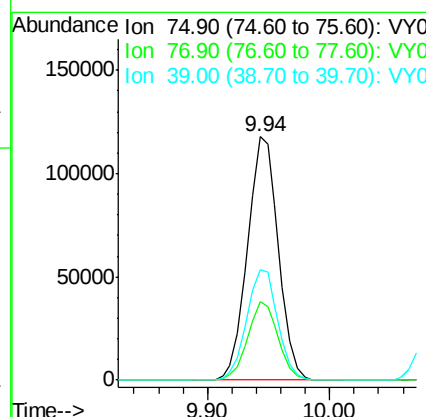
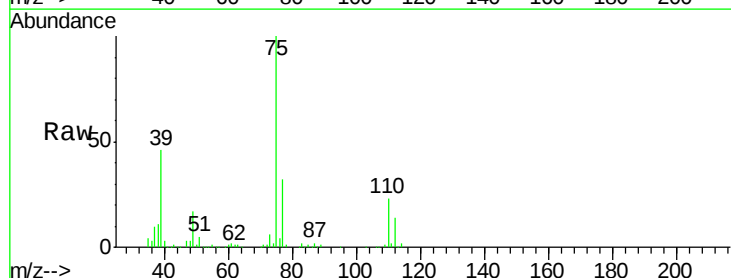
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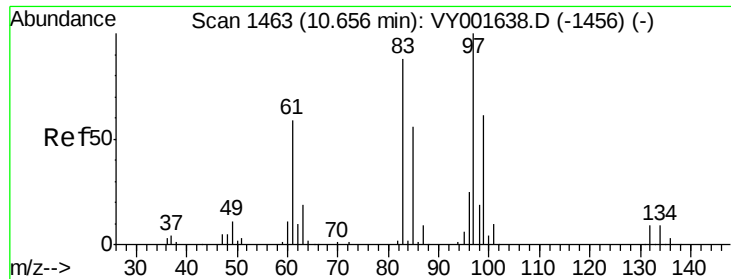
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#54
 cis-1,3-Dichloropropene
 Concen: 49.740 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 75 Resp: 205603
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 45.5 35.7 53.5





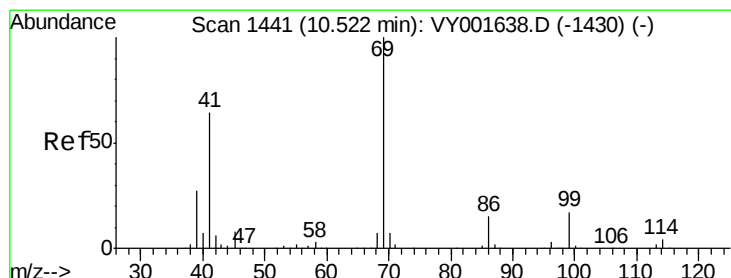
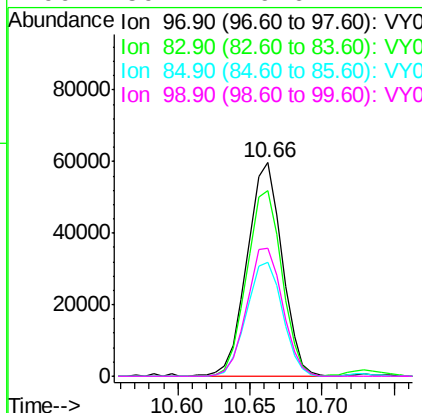
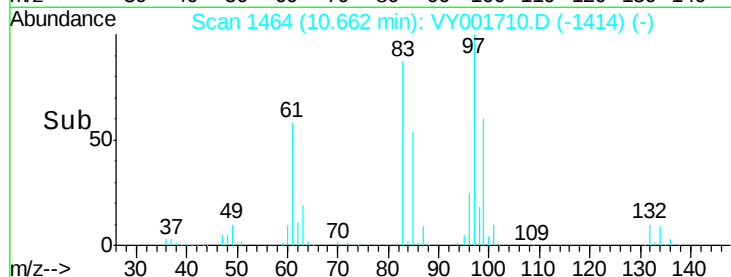
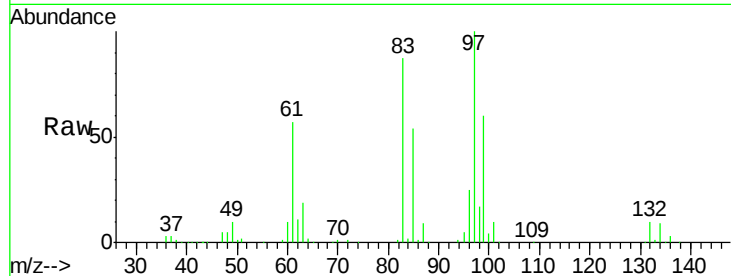
#55
 1,1,2-Trichloroethane
 Concen: 50.404 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	100043
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	53.7	44.5	66.7
99	59.7	49.6	74.4

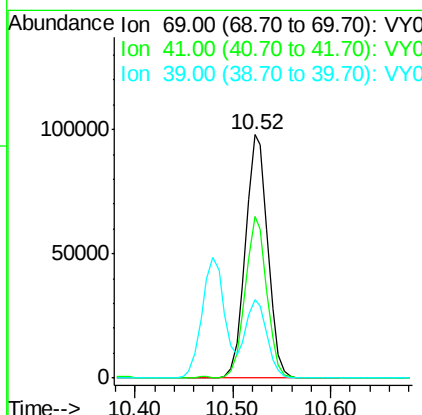
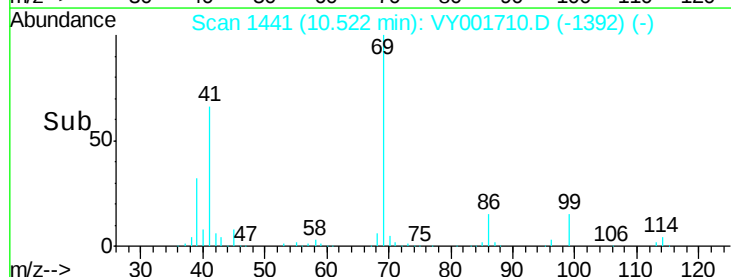
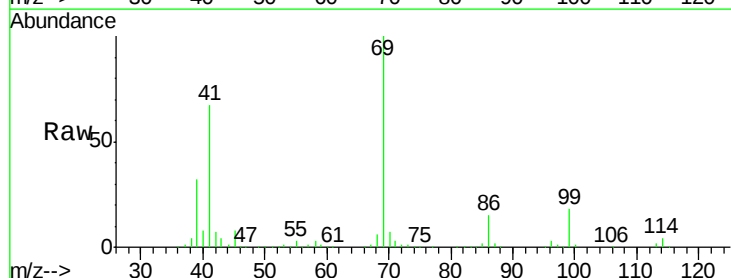
Manual Integrations
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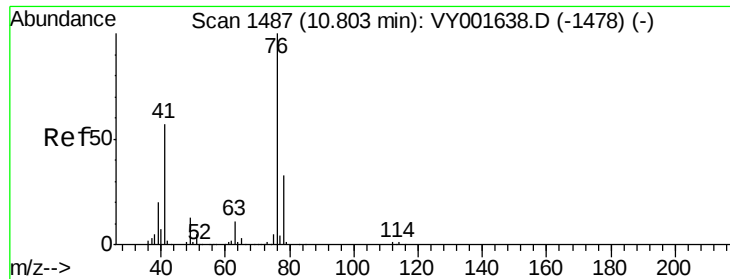
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#56
 Ethyl methacrylate
 Concen: 51.671 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion:	69	Resp:	153854
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.0	76.4
39	30.8	24.7	37.1





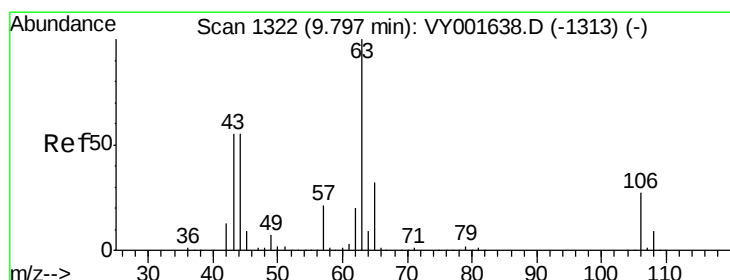
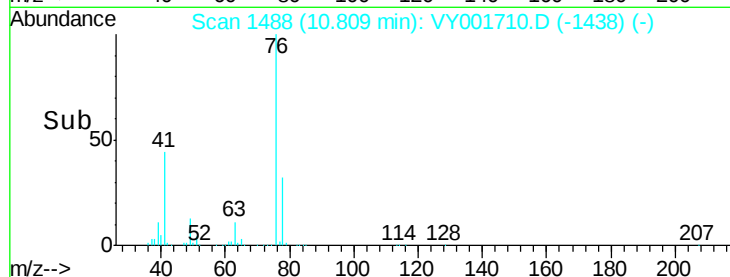
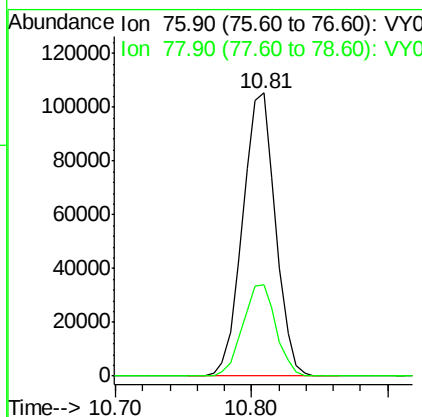
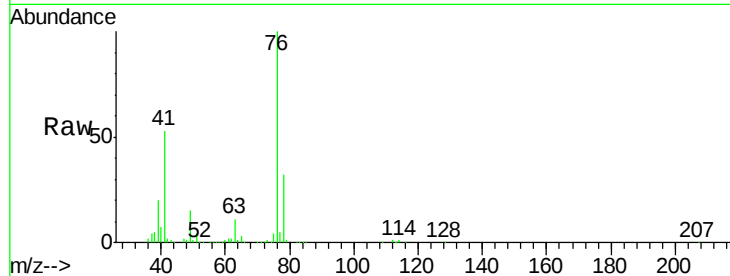
#57
 1,3-Dichloropropane
 Concen: 50.407 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 177768
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

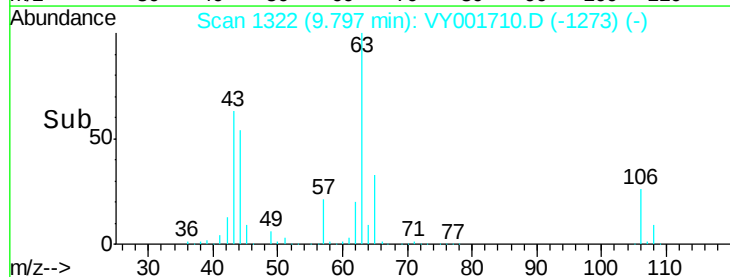
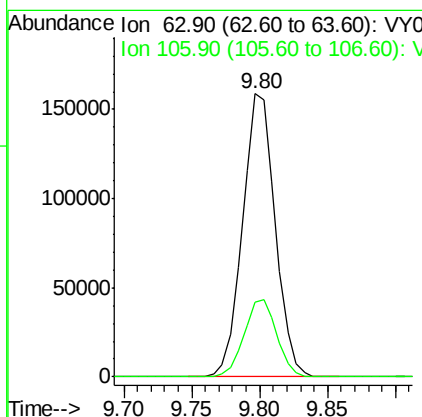
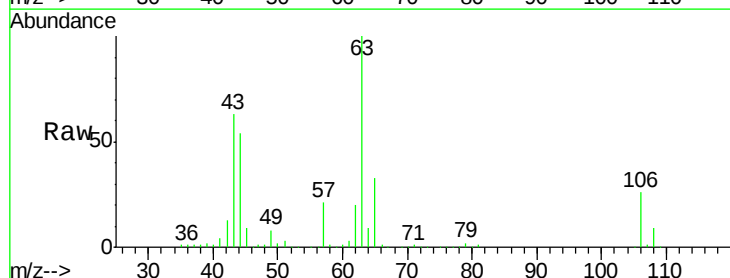
Manual Integrations
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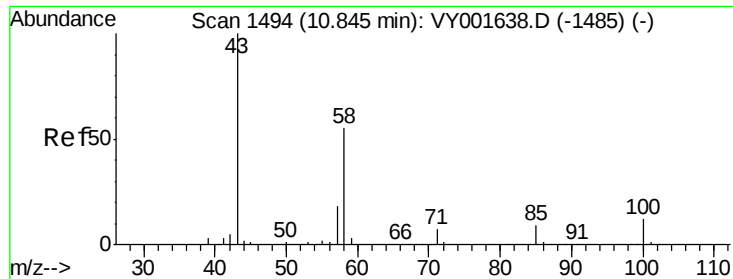
MMDadoda
 2/20/2020 5:56:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.637 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 63 Resp: 266132
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.6 32.4





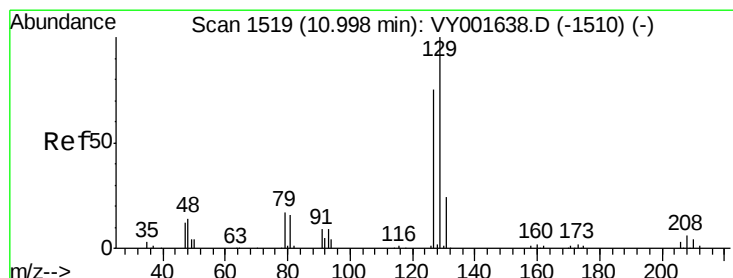
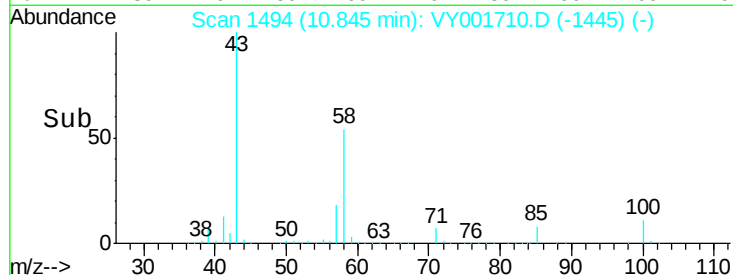
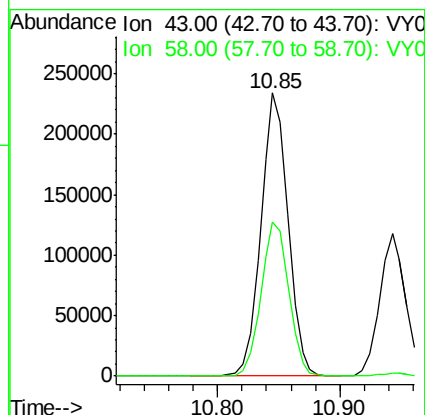
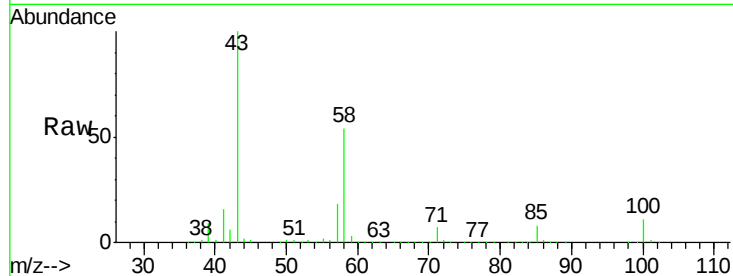
#59
2-Hexanone
Concen: 237.315 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 361992
Ion Ratio Lower Upper
43 100
58 55.6 28.4 85.2

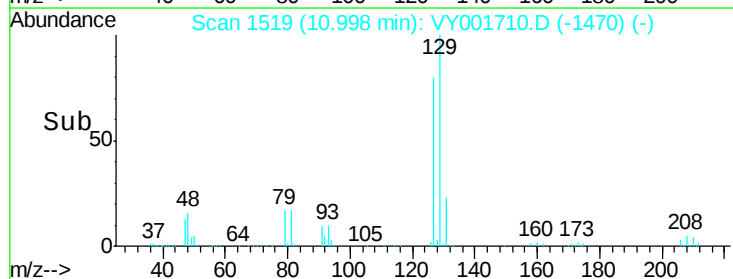
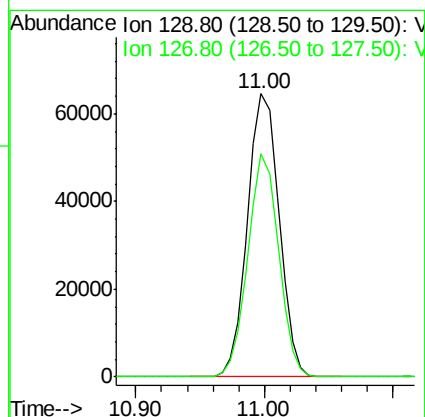
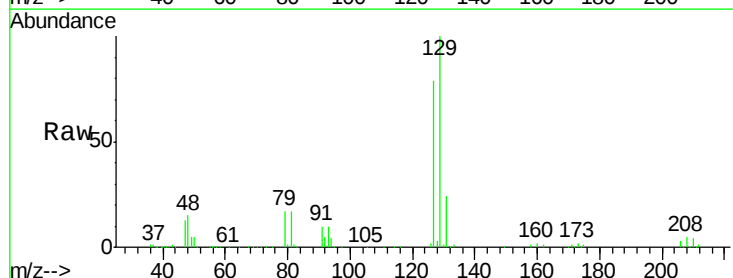
Manual Integrations
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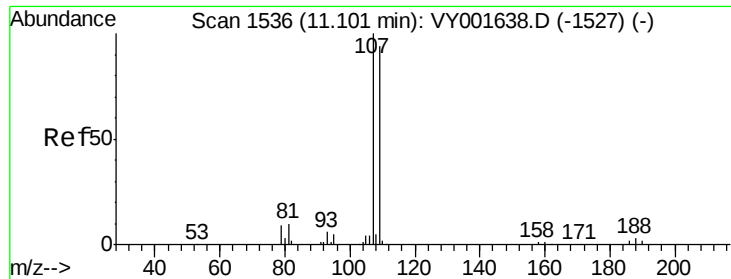
MMDadoda
2/20/2020 5:56:28 PM



#60
Dibromochloromethane
Concen: 50.182 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 129 Resp: 109812
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





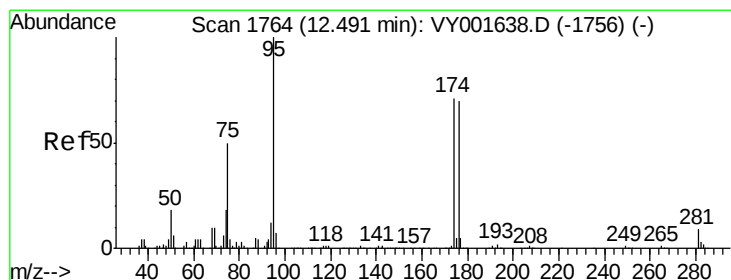
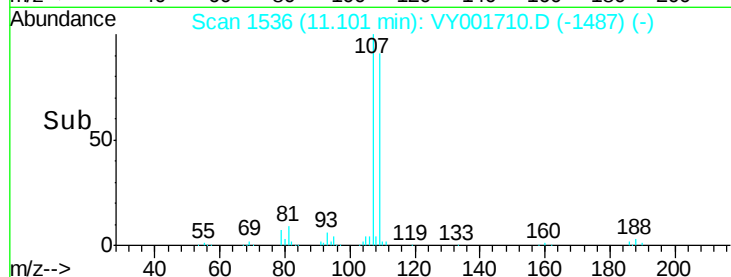
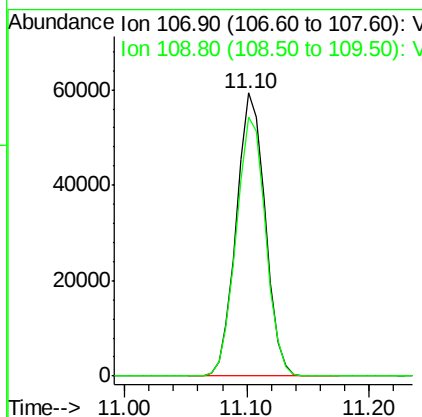
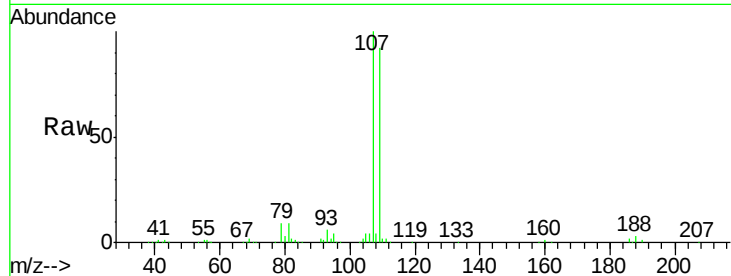
#61
 1,2-Dibromoethane
 Concen: 51.528 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 96703
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.2 111.4

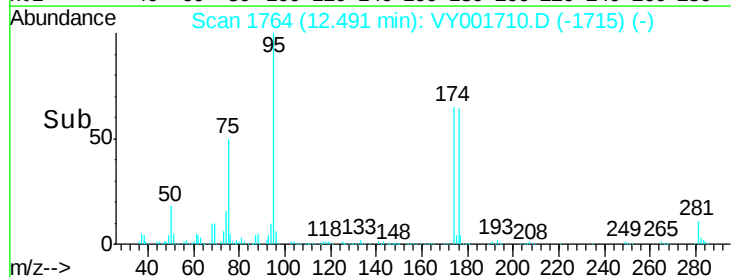
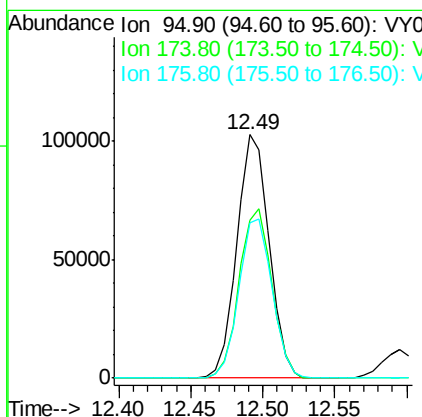
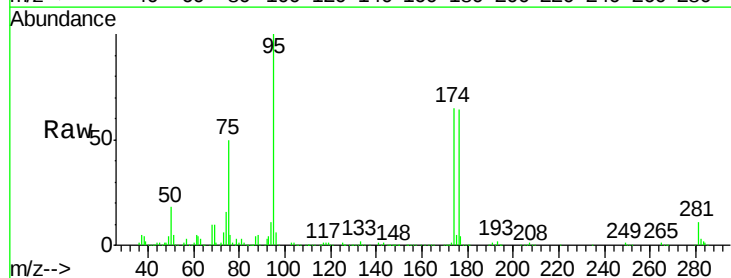
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.145 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 95 Resp: 159899
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 138.4
 176 67.2 0.0 131.8





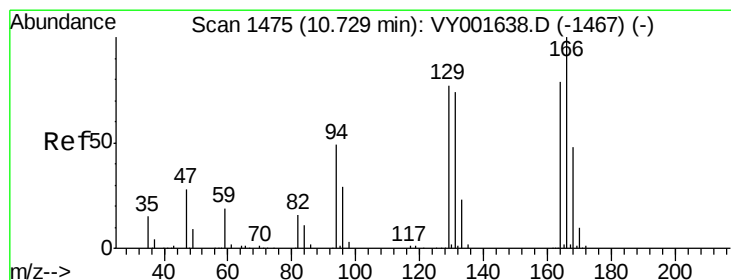
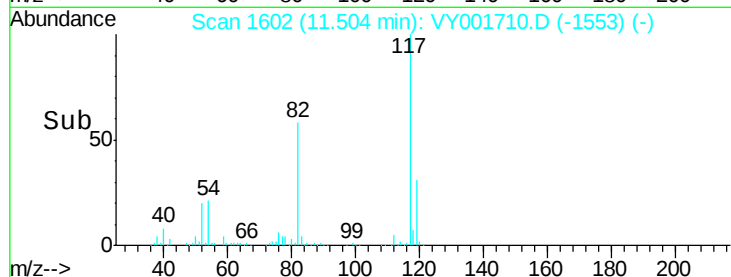
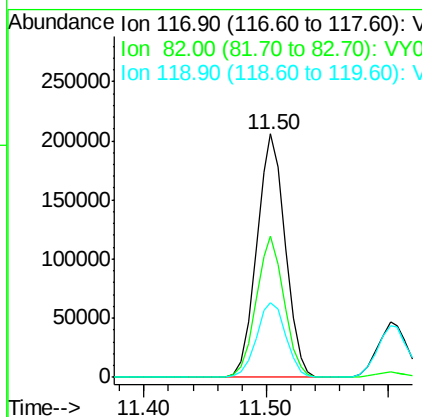
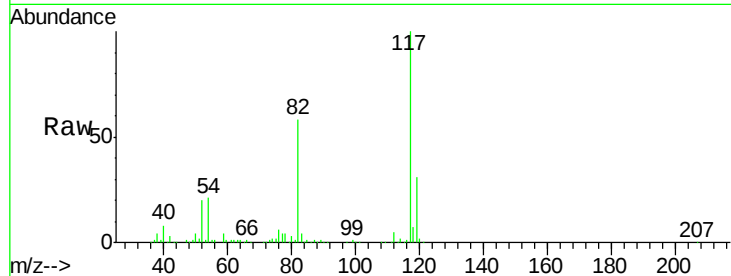
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	332955		
82	57.8		45.5	68.3
119	30.8		25.8	38.6

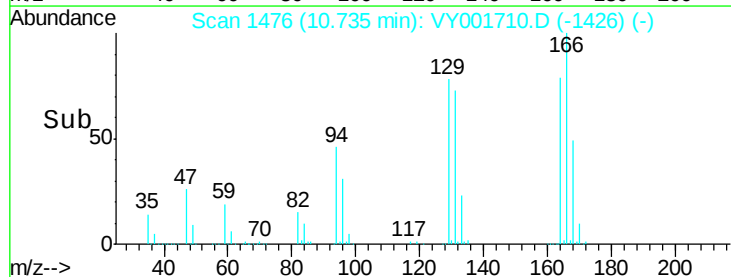
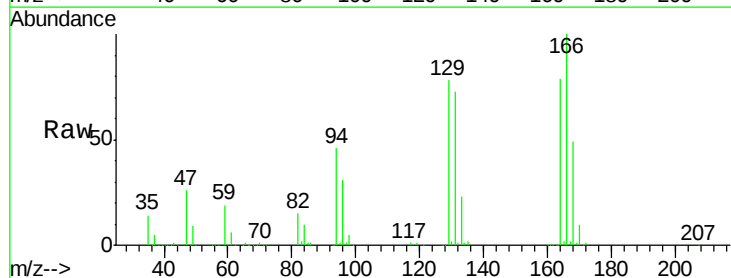
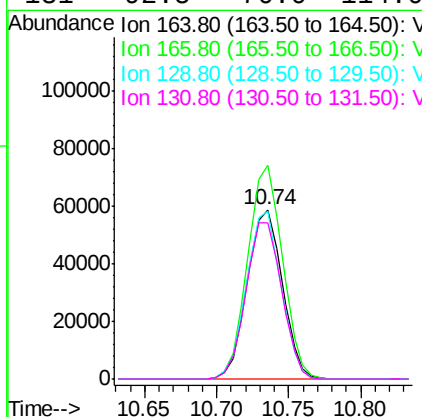
Manual Integrations
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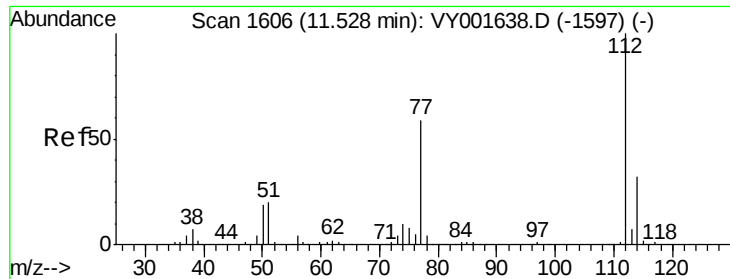
MMDadoda
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#64
Tetrachloroethene
Concen: 47.321 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98907		
166	126.3		101.4	152.0
129	98.8		78.7	118.1
131	92.5		76.0	114.0





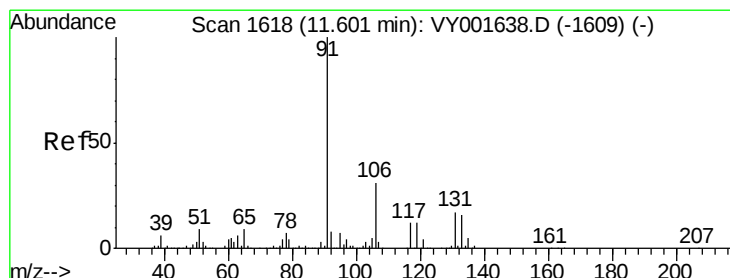
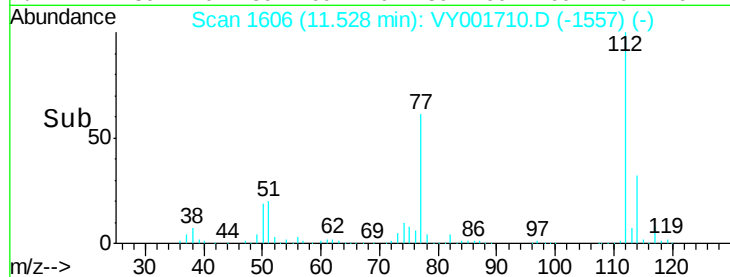
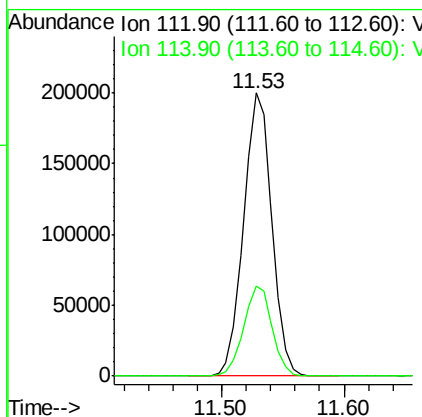
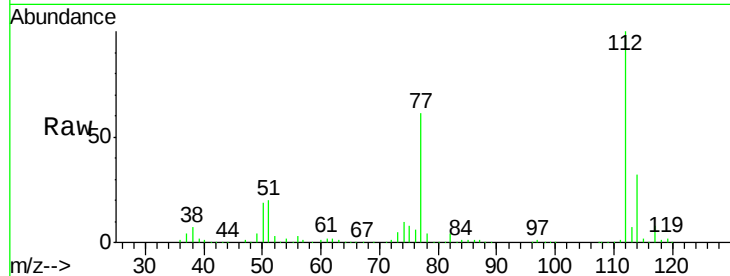
#65
Chlorobenzene
Concen: 48.112 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 319817
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

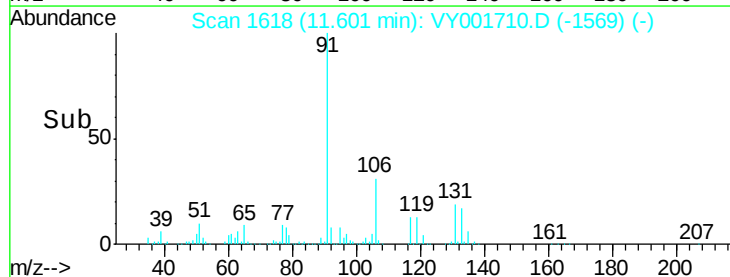
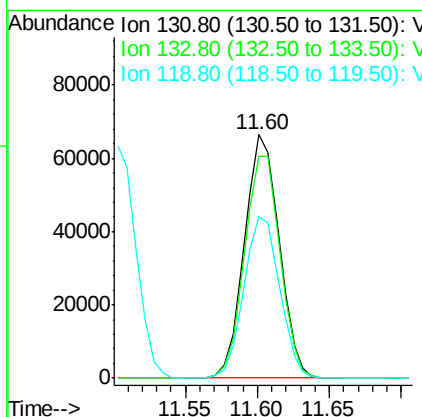
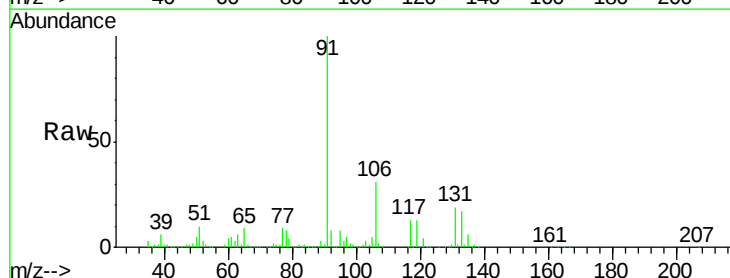
Manual Integrations
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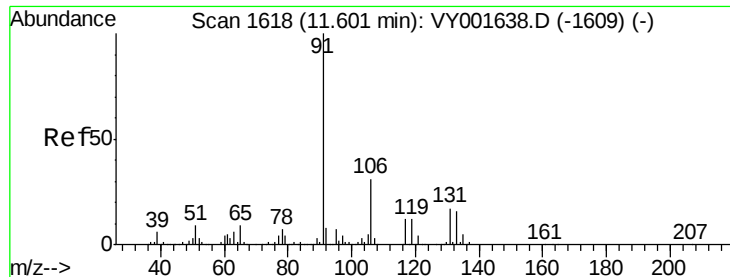
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.402 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion:131 Resp: 110778
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.2
119 68.0 34.4 103.1





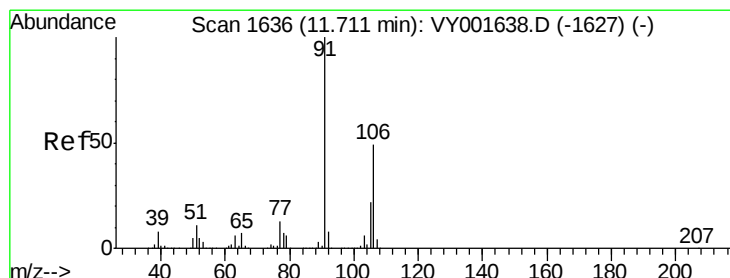
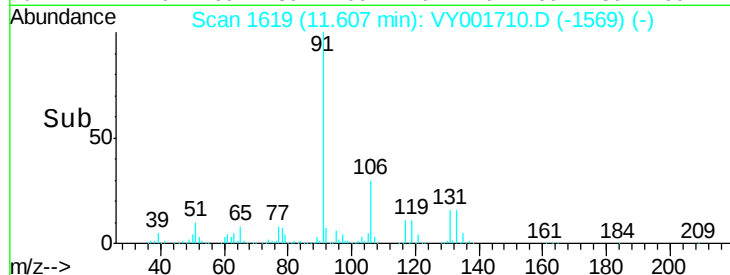
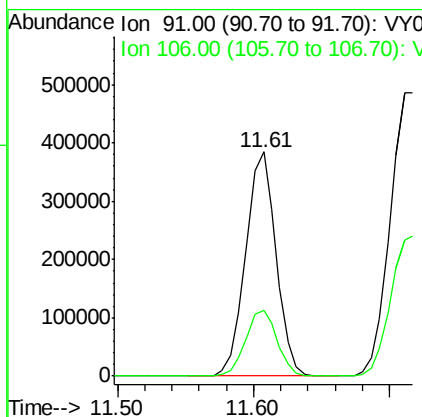
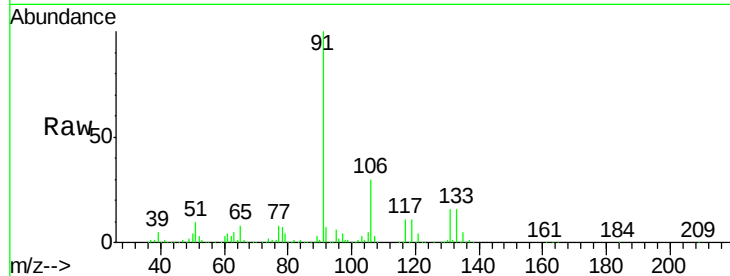
#67
Ethyl Benzene
Concen: 48.748 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 601362
Ion Ratio Lower Upper
91 100
106 29.6 24.5 36.7

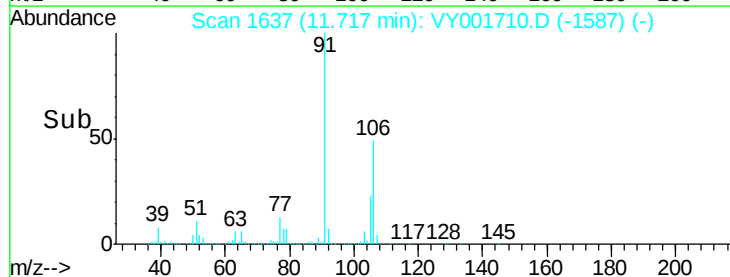
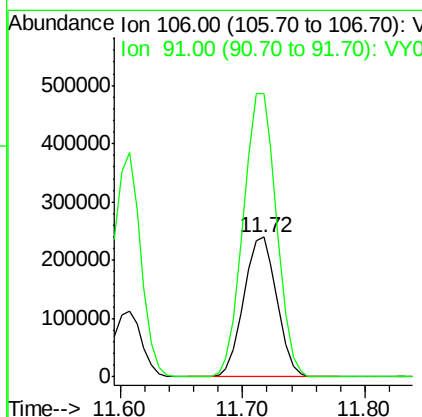
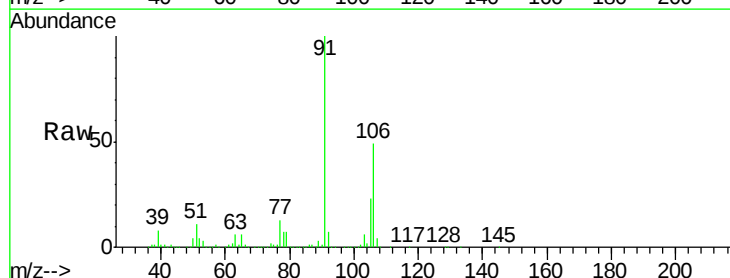
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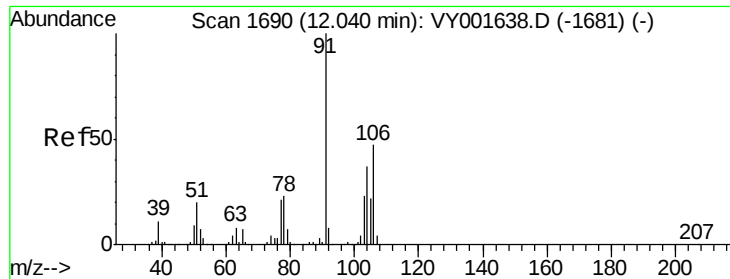
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#68
m/p-Xylenes
Concen: 97.606 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 106 Resp: 449773
Ion Ratio Lower Upper
106 100
91 203.8 163.3 244.9





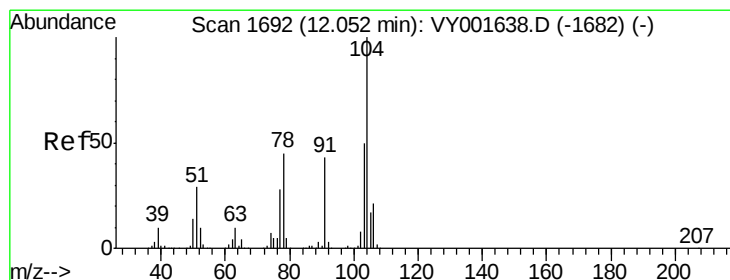
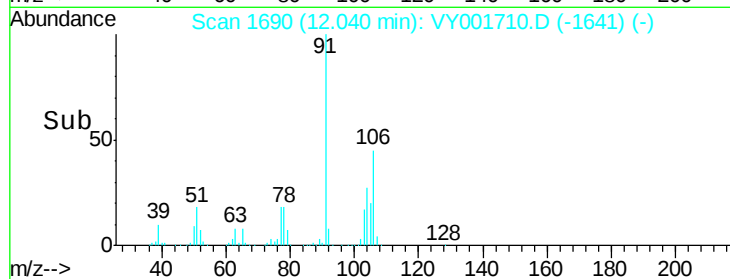
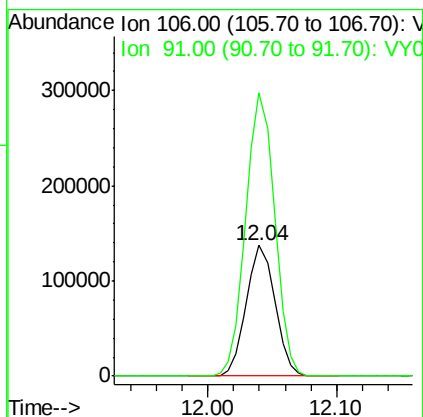
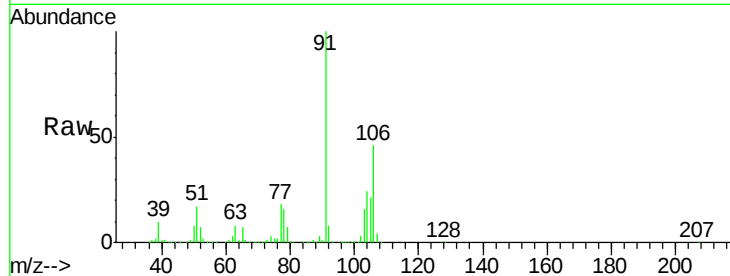
#69
o-Xylene
Concen: 48.396 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		212015		
91	217.8	108.3	324.9		

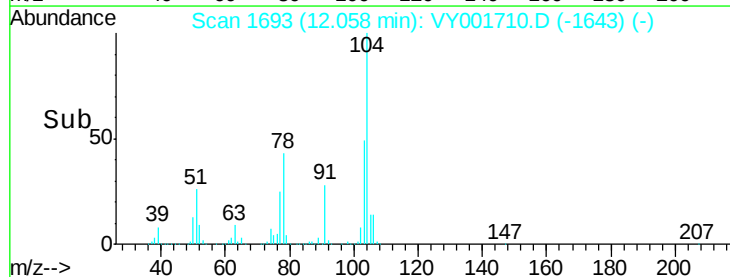
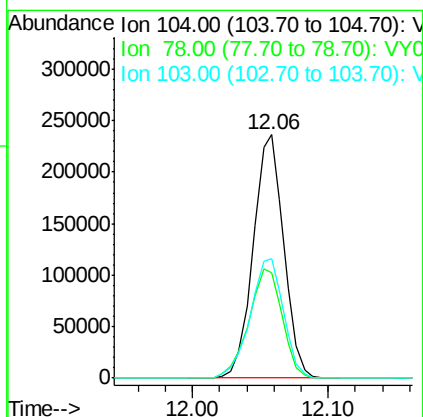
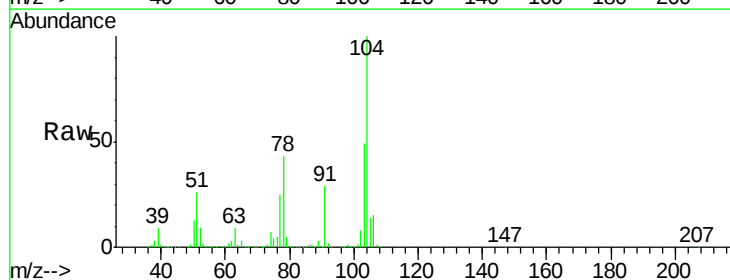
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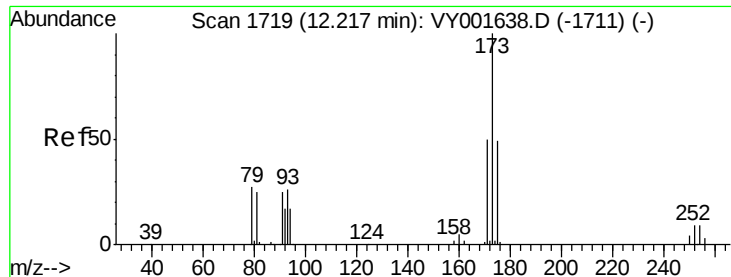
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#70
Styrene
Concen: 48.792 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		371481		
78	49.1	39.2	58.8		
103	53.7	43.0	64.6		





#71

Bromoform

Concen: 48.220 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

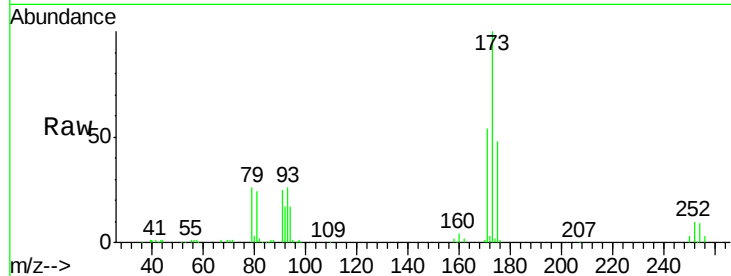
ClientSampleId :

VSTDCCC050EC

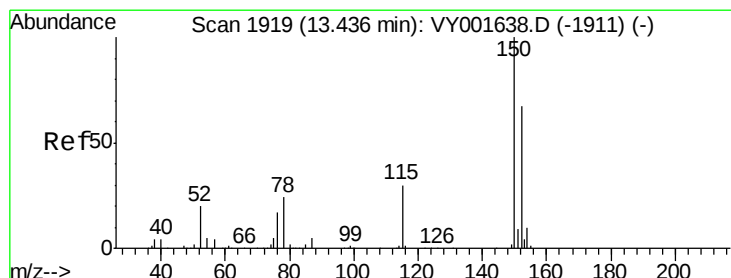
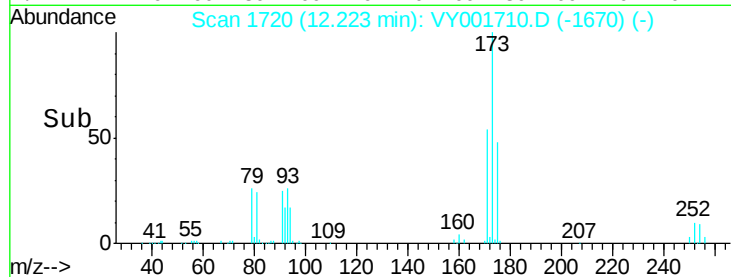
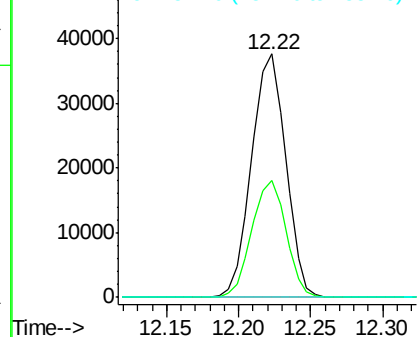
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	73.0
254	0.0	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

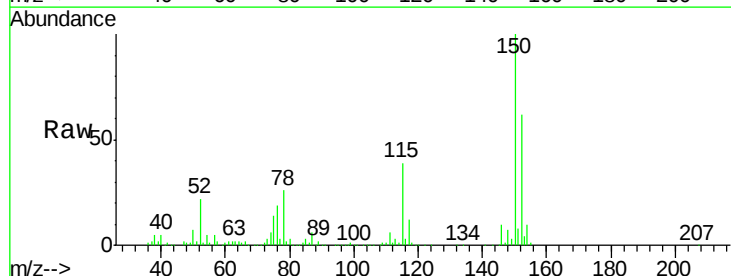
RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

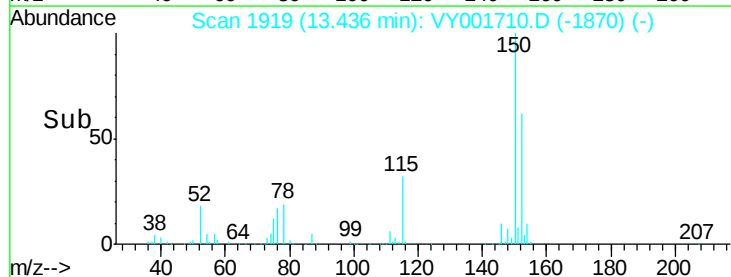
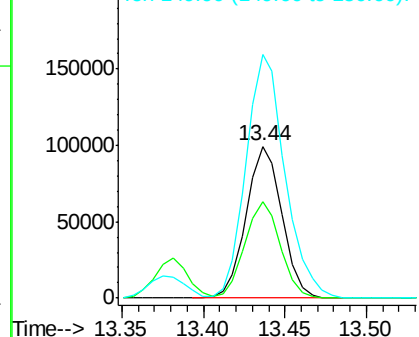
Lab File: VY001710.D

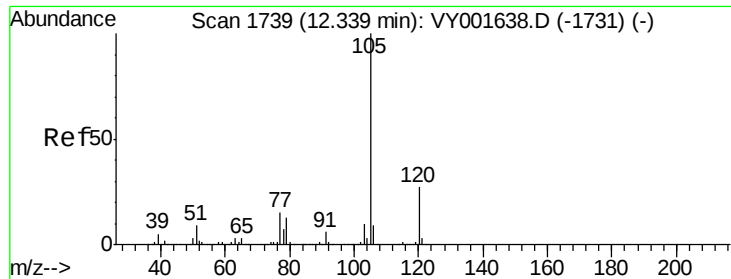
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.4	94.2
150	175.8	0.0	407.2



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





#73

Isopropylbenzene

Concen: 49.739 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 572654

Ion Ratio Lower Upper

105 100

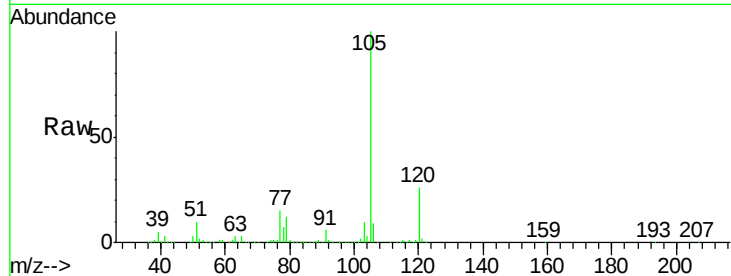
120 26.3 13.4 40.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

400000

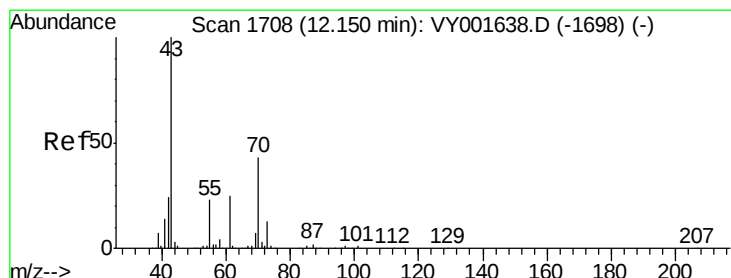
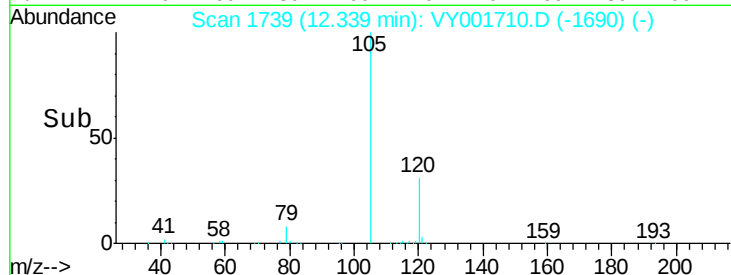
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.702 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion: 43 Resp: 182623

Ion Ratio Lower Upper

43 100

70 44.0 35.9 53.9

55 22.8 18.3 27.5

61 25.7 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

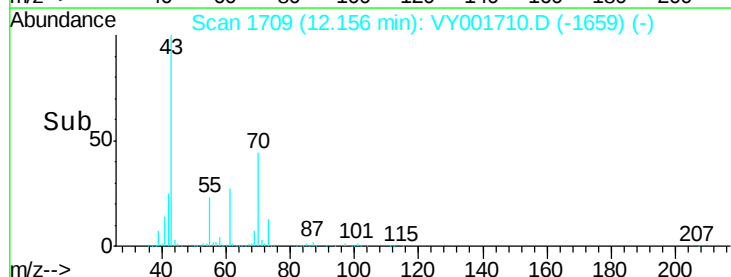
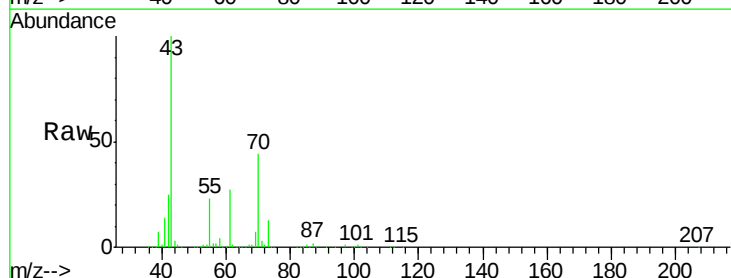
150000

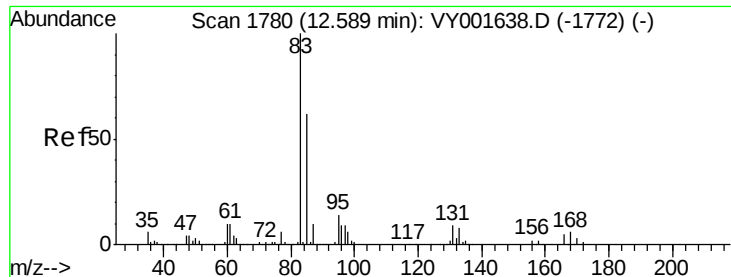
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.073 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

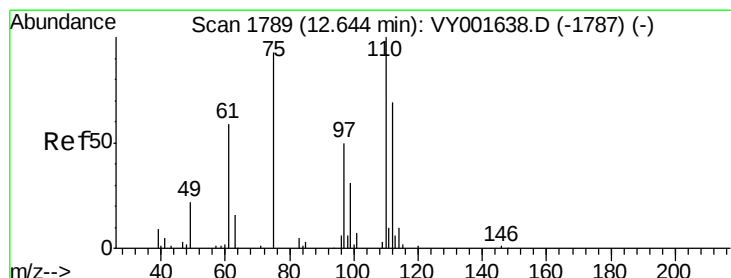
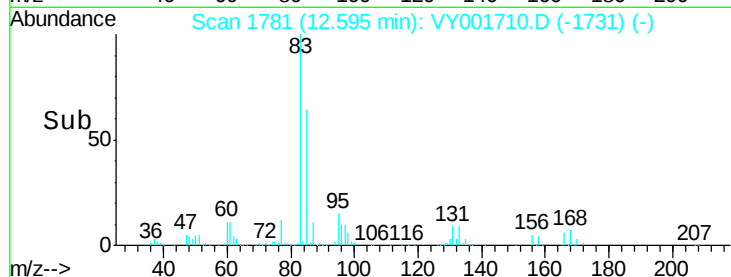
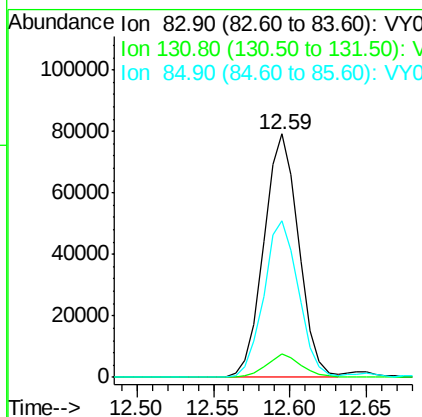
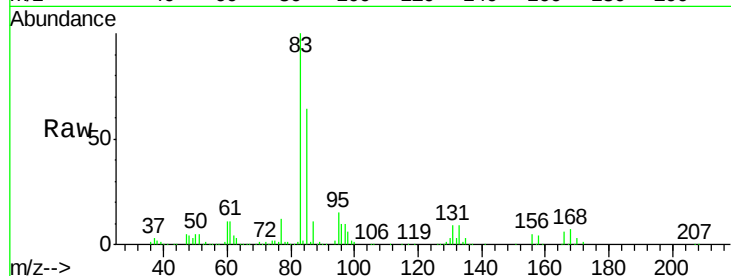
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	125553
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.1
85	64.1	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.174 ug/l m

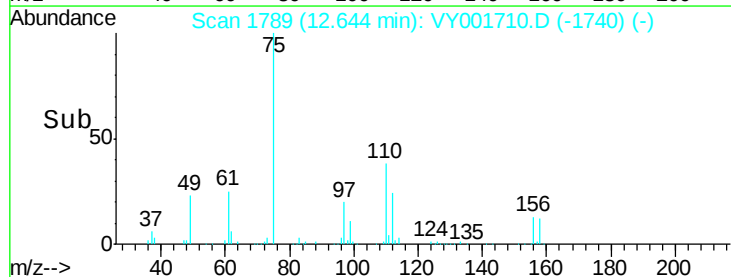
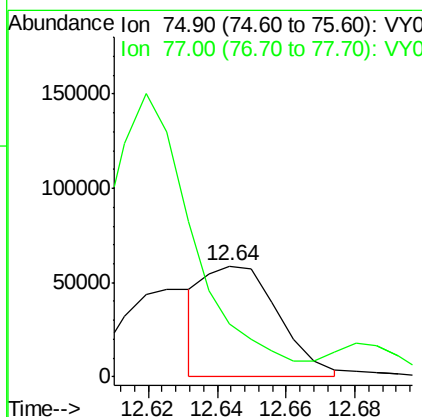
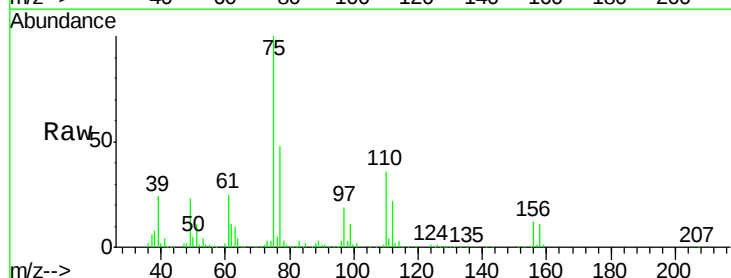
RT: 12.64 min Scan# 1789

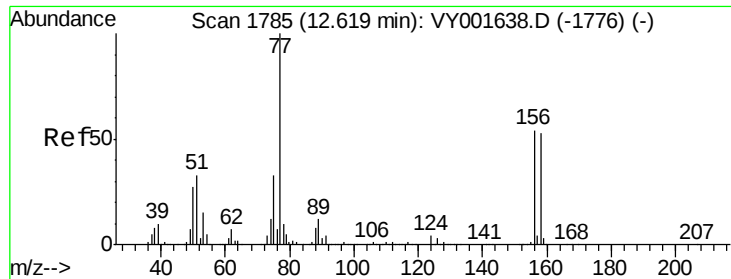
Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion:	75	Resp:	88717
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.884 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

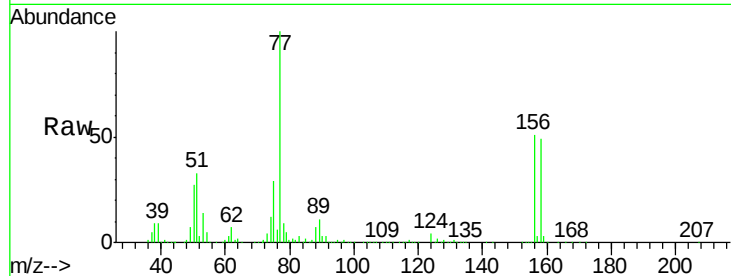
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	122006
Ion Ratio	Lower	Upper	
156	100		
77	217.6	110.1	330.1
158	96.2	47.9	143.7

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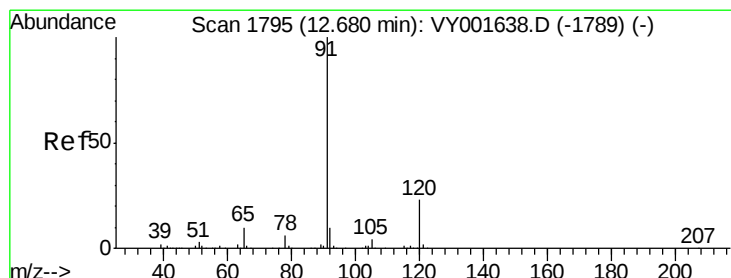
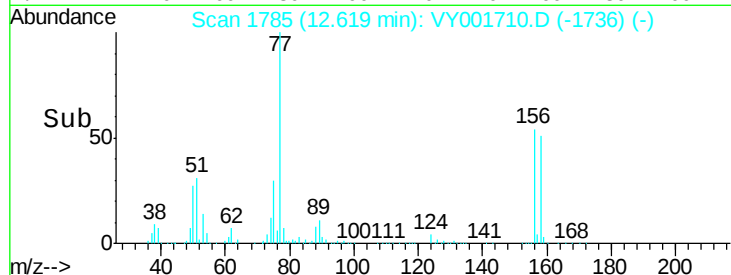
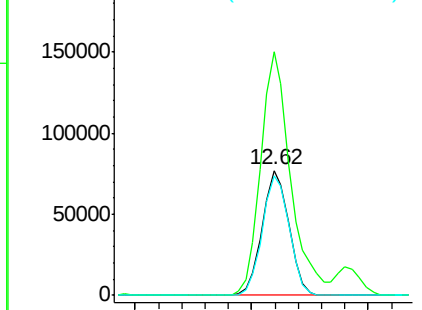
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.059 ug/l

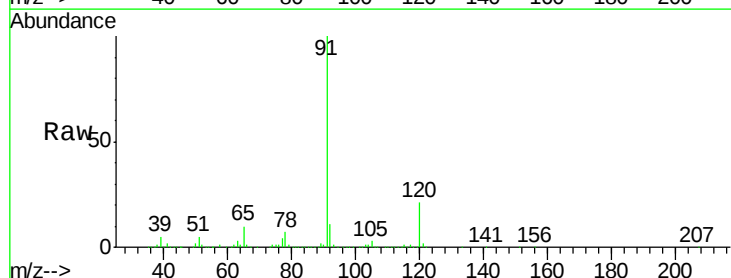
RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001710.D

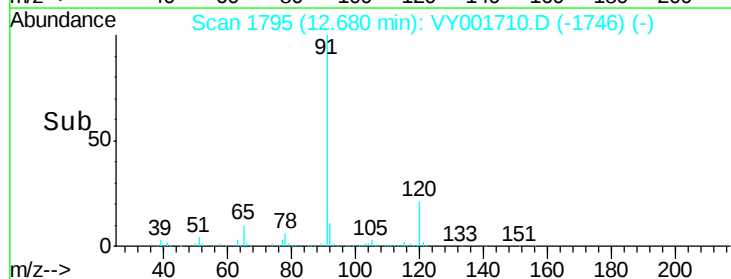
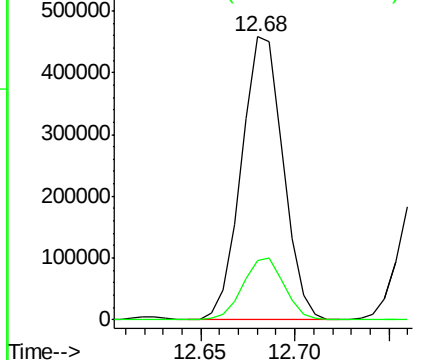
Acq: 19 Feb 2020 19:26

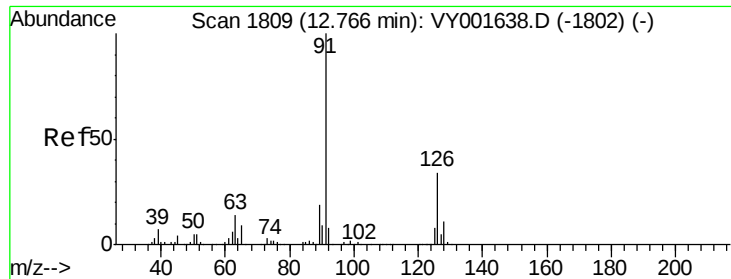
Tgt Ion:	91	Resp:	701932
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.942 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 392767

Ion Ratio Lower Upper

91 100

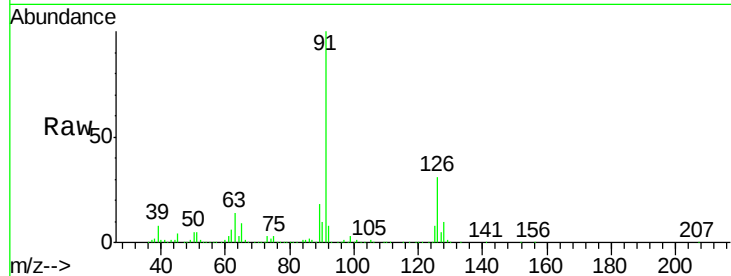
126 32.3 16.2 48.6

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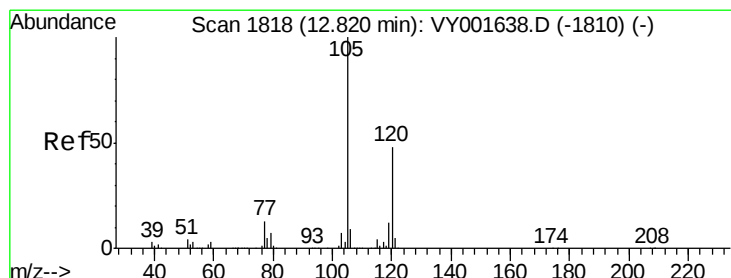
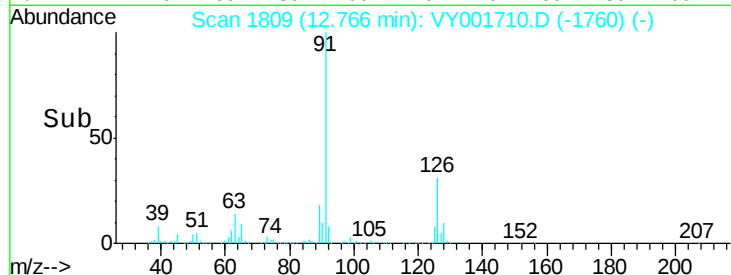
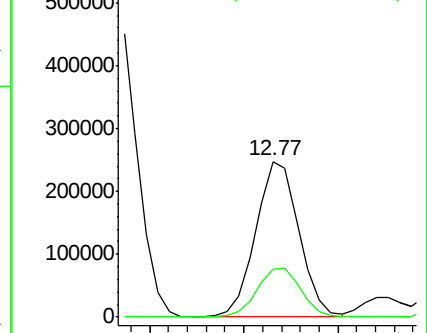
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.514 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001710.D

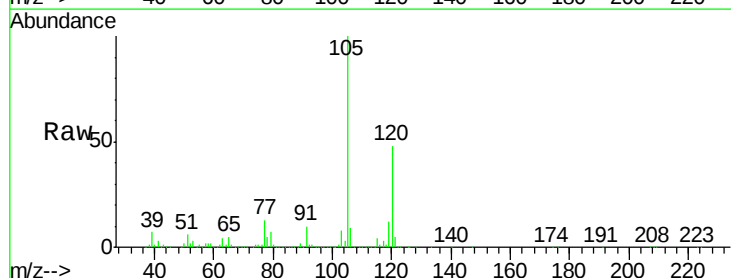
Acq: 19 Feb 2020 19:26

Tgt Ion: 105 Resp: 471893

Ion Ratio Lower Upper

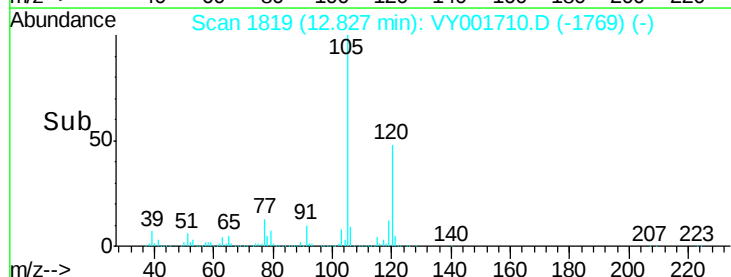
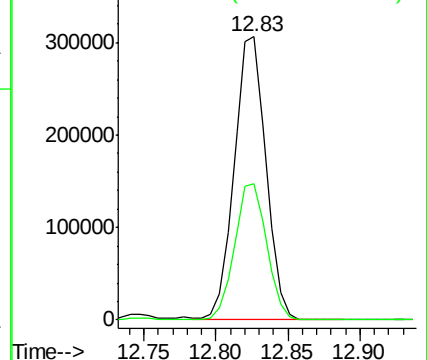
105 100

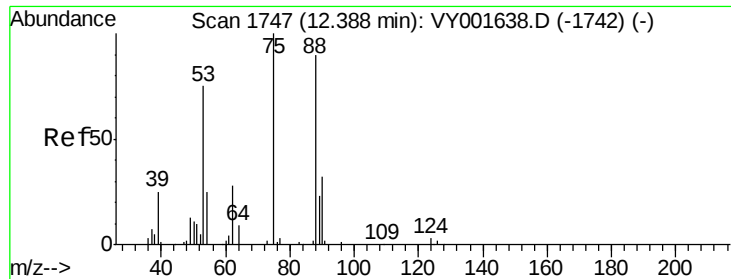
120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





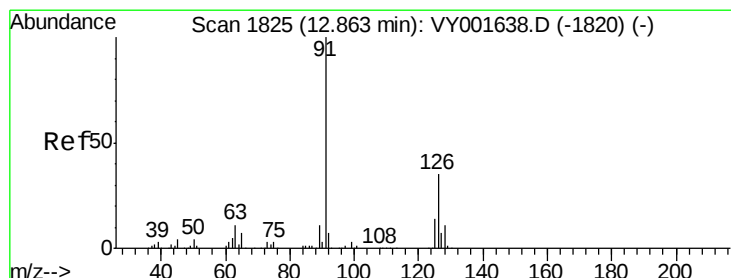
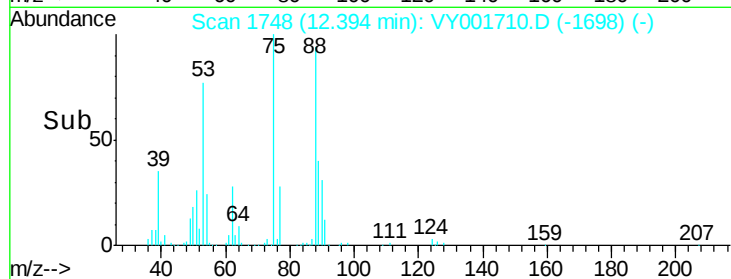
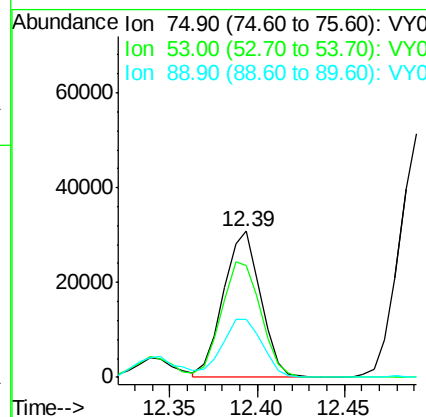
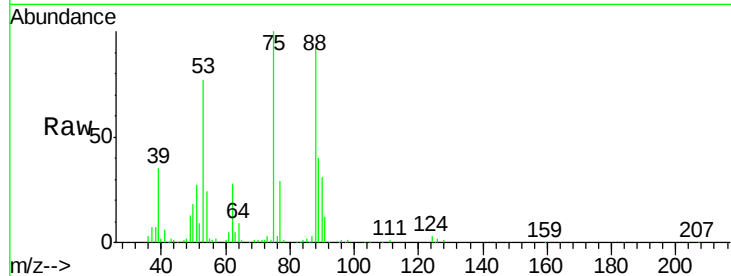
#81
trans-1,4-Dichloro-2-butene
Concen: 49.607 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.8	64.5	96.7
89	43.3	36.3	54.5

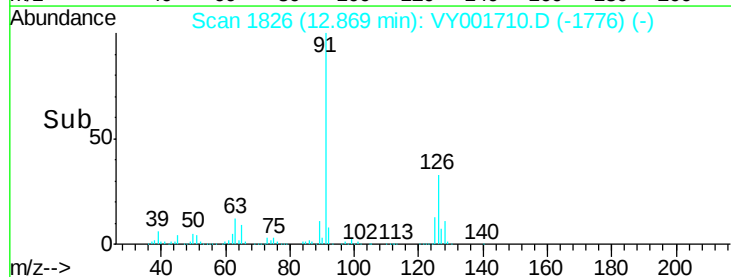
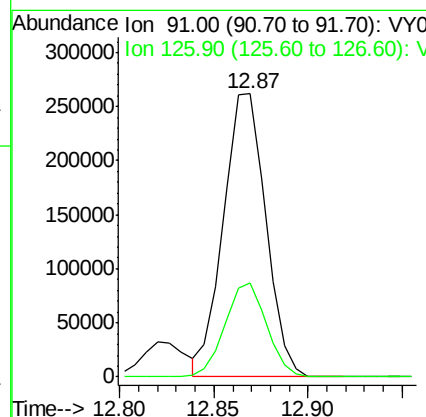
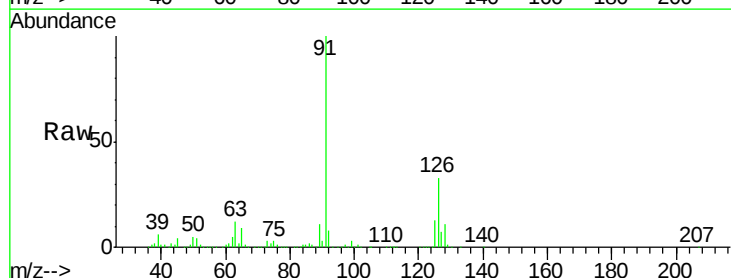
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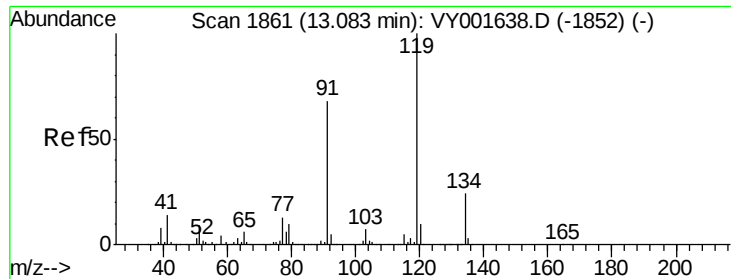
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#82
4-Chlorotoluene
Concen: 49.299 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.6





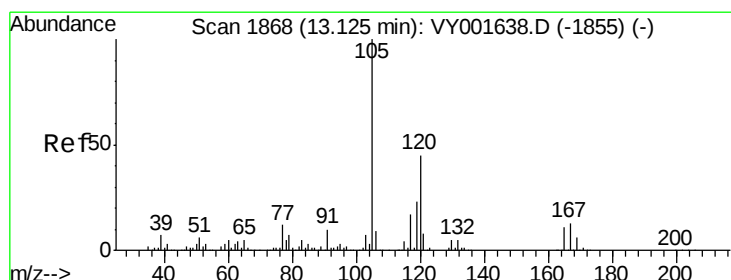
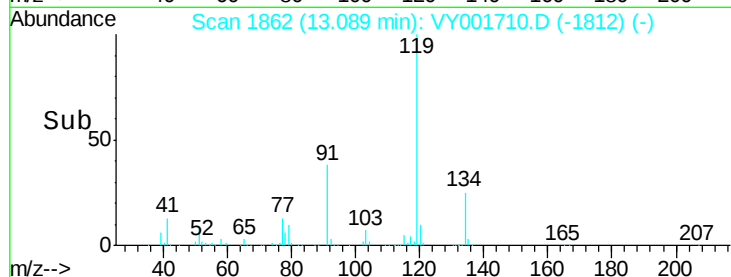
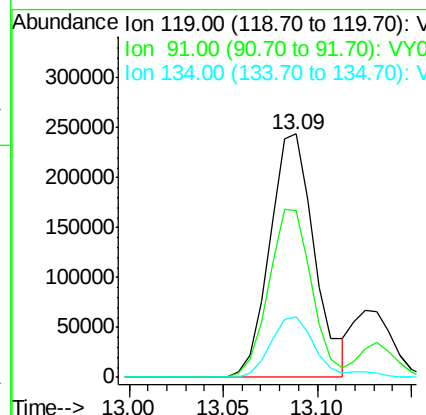
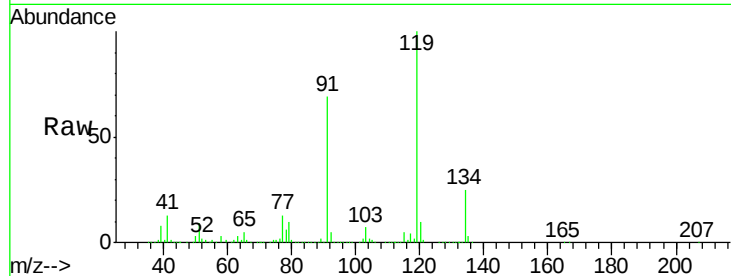
#83
tert-Butylbenzene
Concen: 50.206 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	400190		
91	66.6	33.5	100.5	
134	25.8	13.3	39.8	

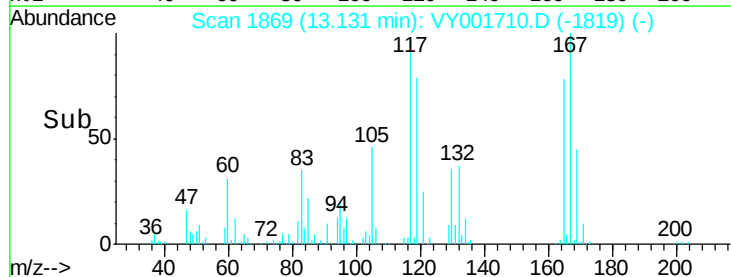
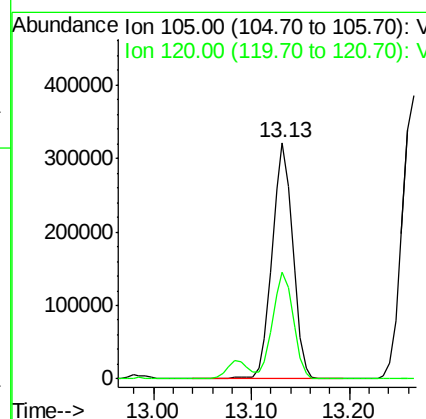
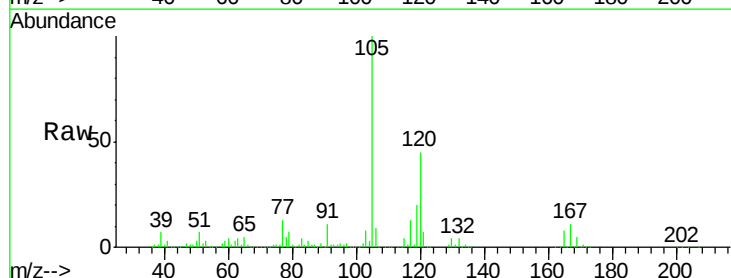
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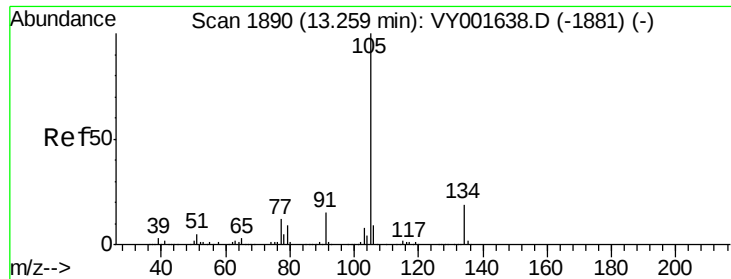
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#84
1,2,4-Trimethylbenzene
Concen: 49.741 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	472611		
120	44.9	22.4	67.3	





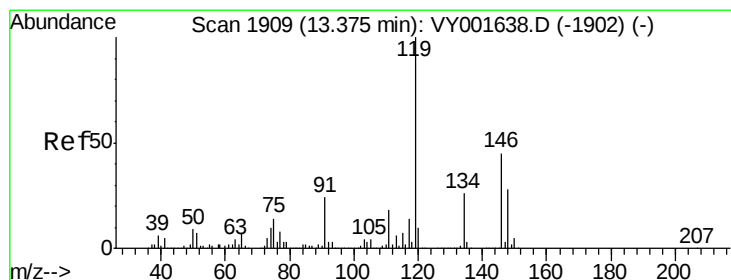
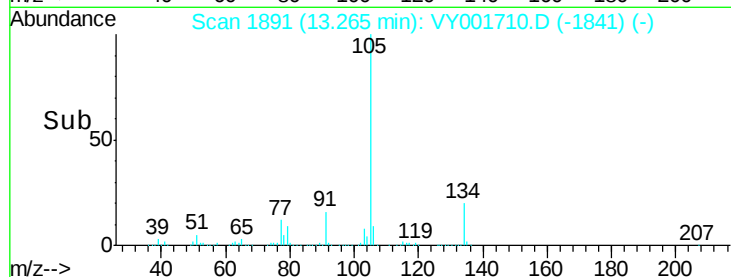
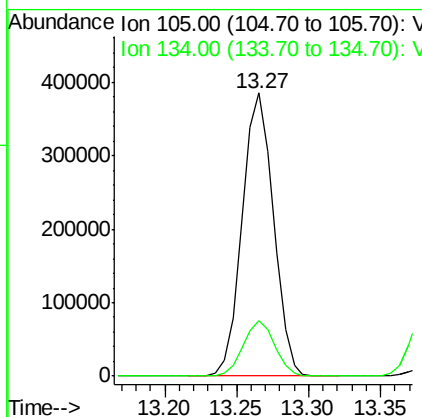
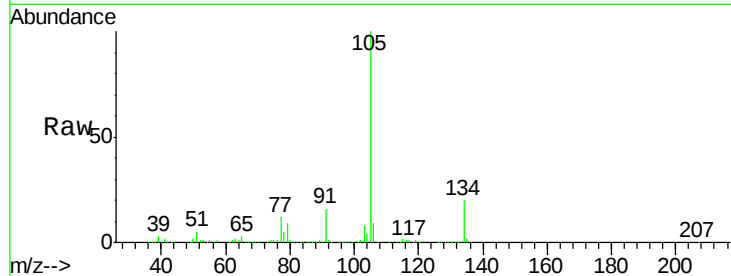
#85
 sec-Butylbenzene
 Concen: 49.361 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.3

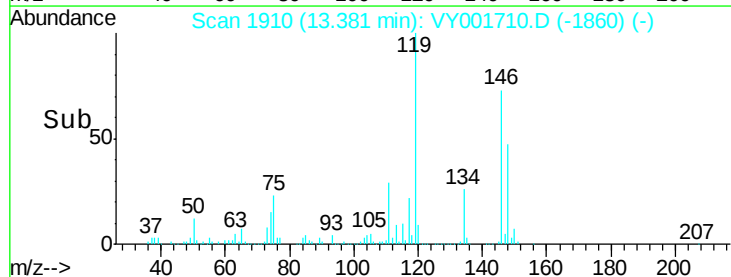
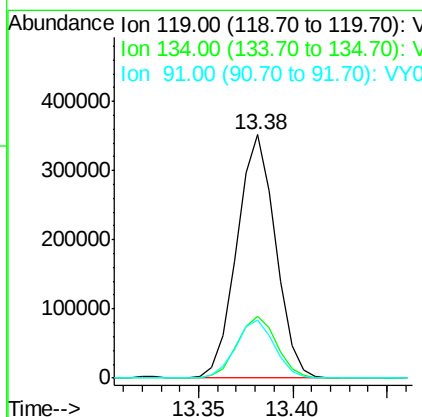
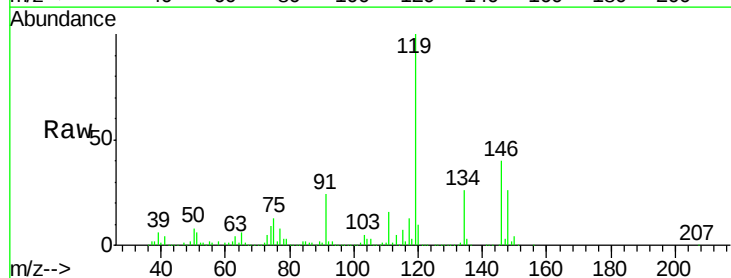
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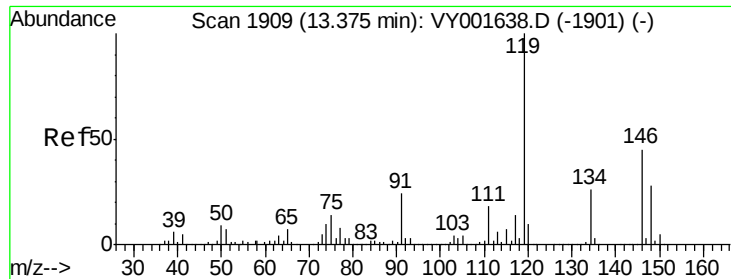
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#86
 p-Isopropyltoluene
 Concen: 49.004 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	23.8	12.2	36.6





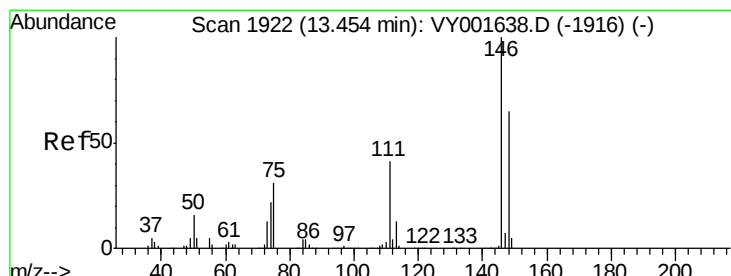
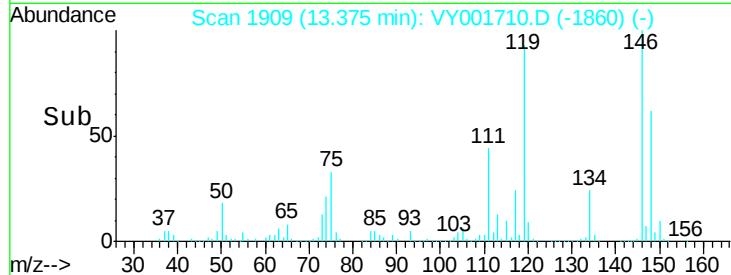
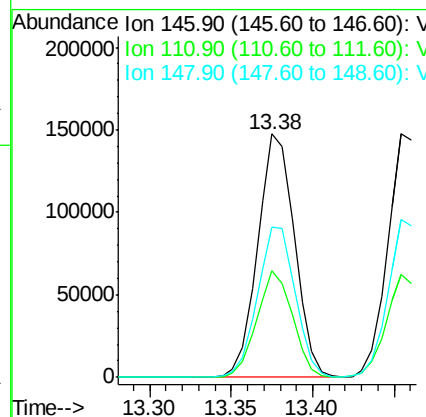
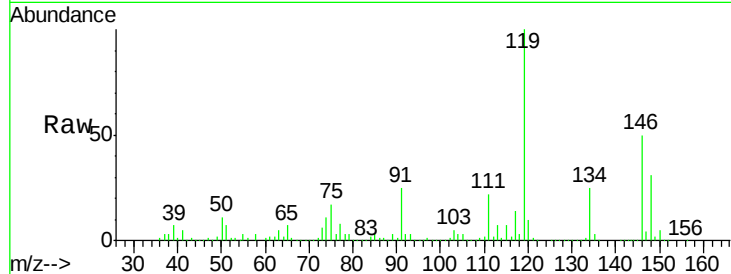
#87
 1,3-Dichlorobenzene
 Concen: 47.918 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	231945		
111	42.3	21.4	64.3	
148	63.2	31.6	94.7	

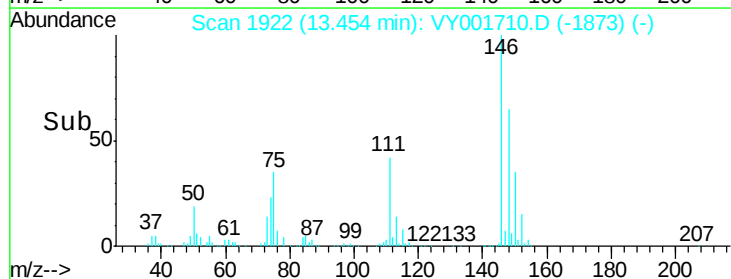
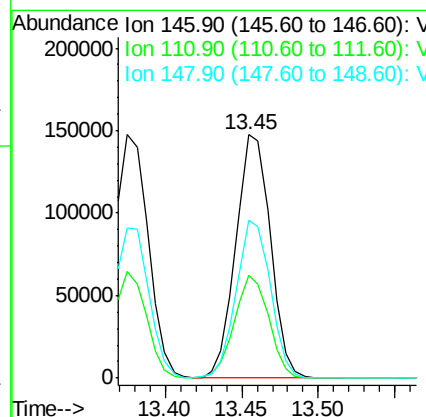
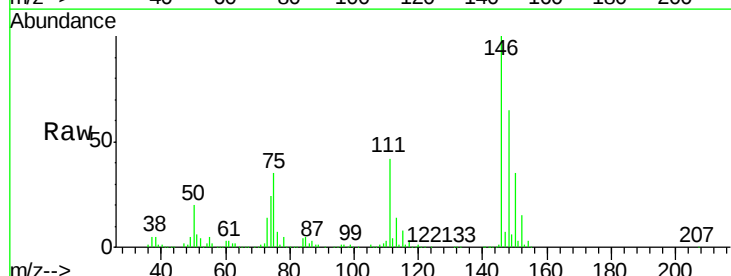
Manual Integrations
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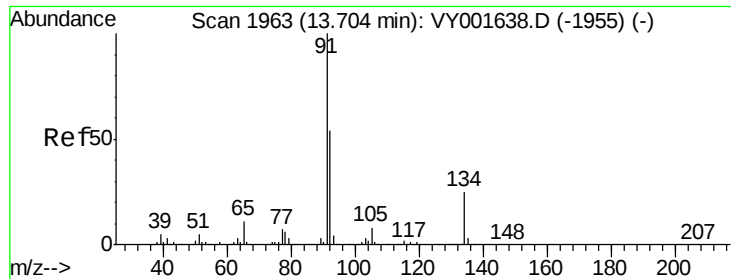
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#88
 1,4-Dichlorobenzene
 Concen: 47.395 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	231900		
111	41.9	20.4	61.3	
148	64.4	31.6	94.7	





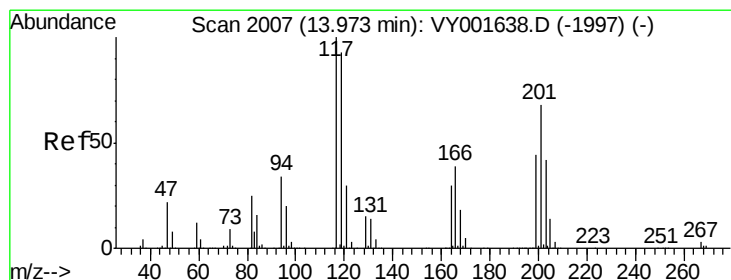
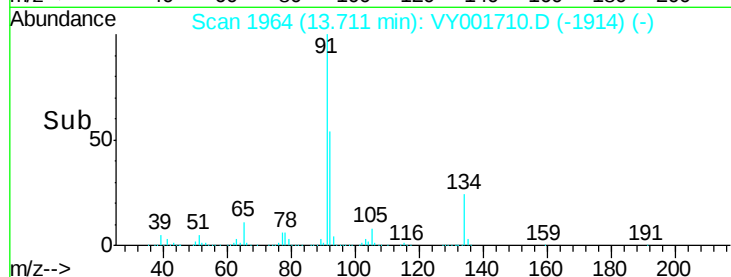
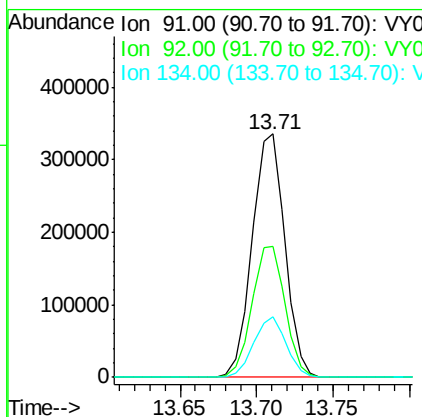
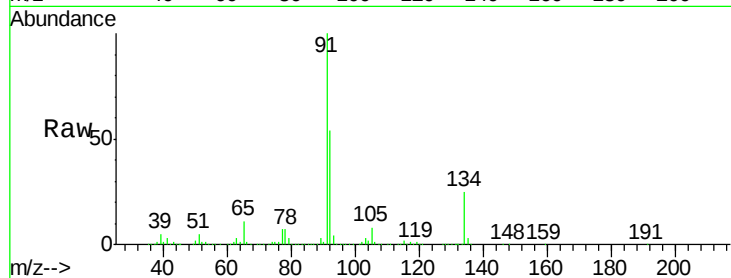
#89
n-Butylbenzene
Concen: 48.036 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	24.6	12.4	37.4

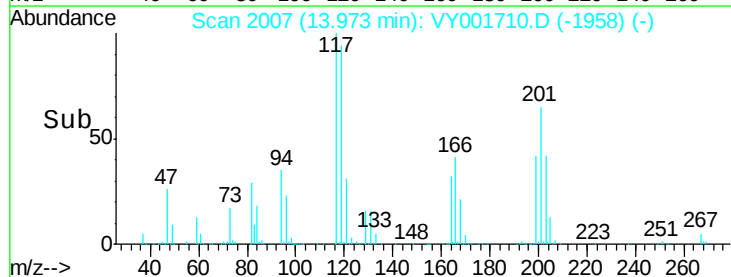
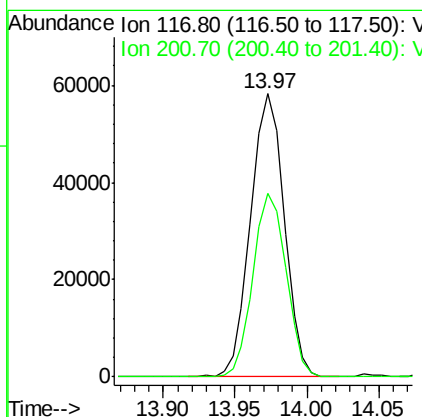
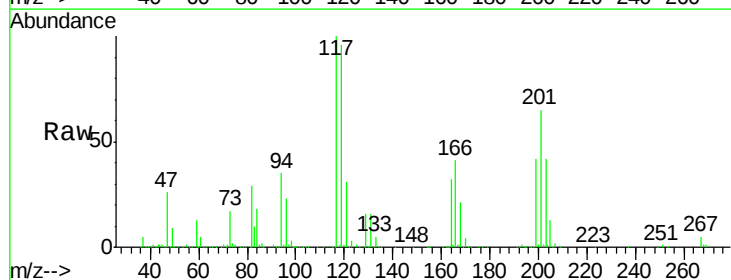
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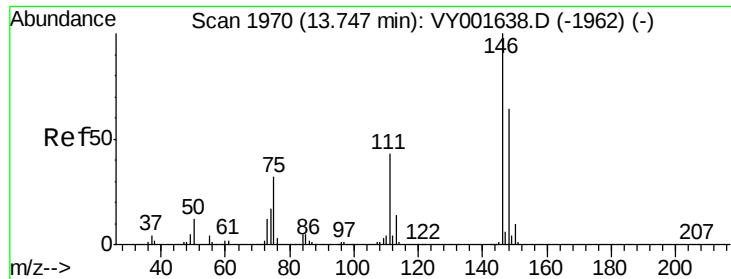
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#90
Hexachloroethane
Concen: 48.783 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.3	32.5	97.4





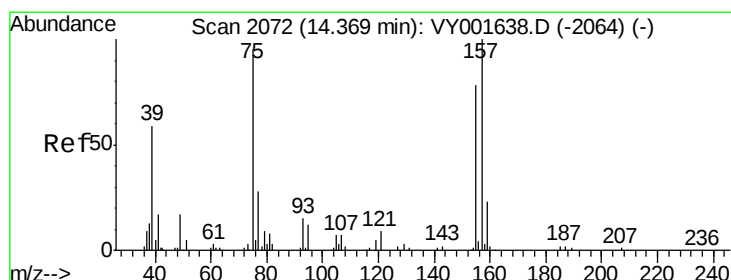
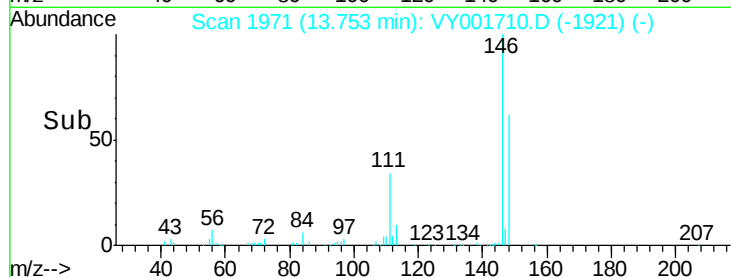
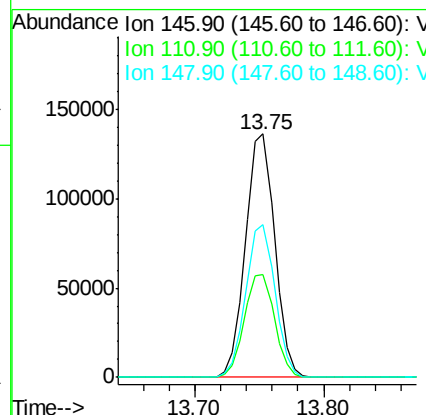
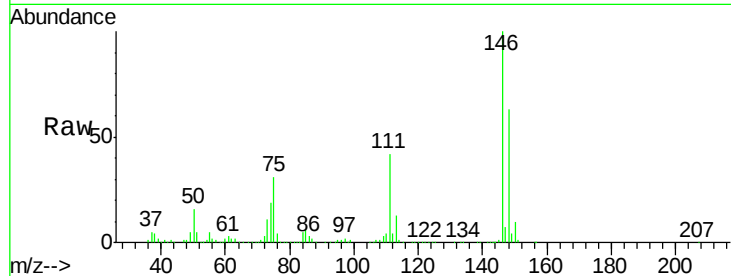
#91
 1,2-Dichlorobenzene
 Concen: 47.881 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.7
148	62.9	31.5	94.5

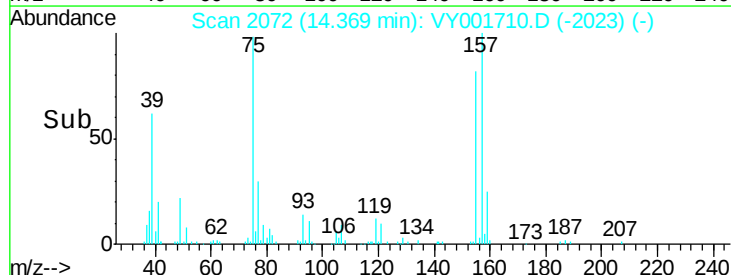
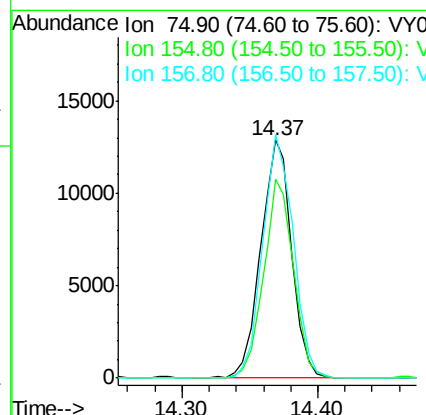
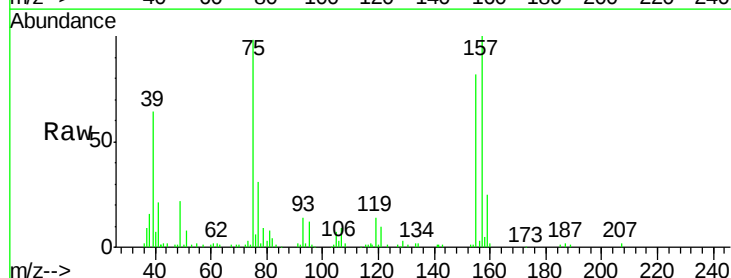
Manual Integrations
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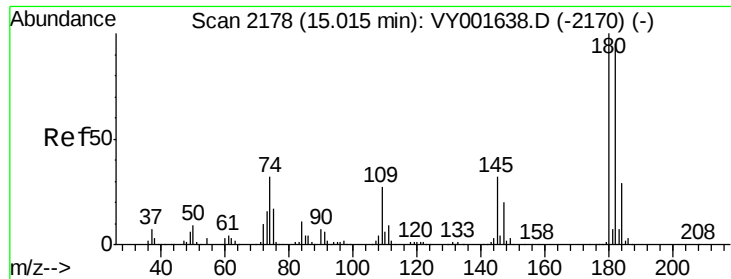
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.354 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.8	122.4
157	101.8	52.1	156.4





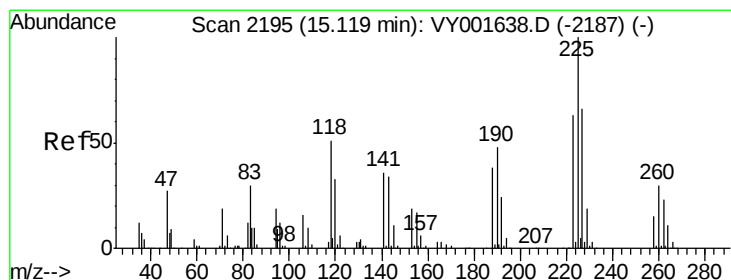
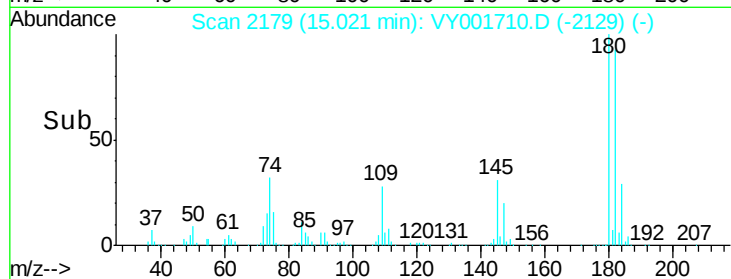
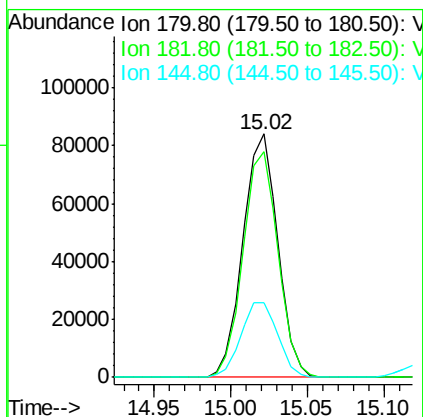
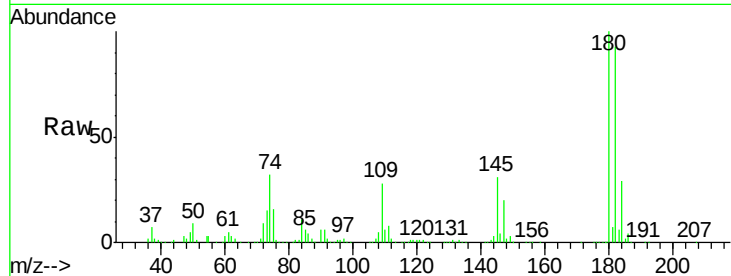
#93
 1,2,4-Trichlorobenzene
 Concen: 44.921 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132976		
182	93.1	46.8	140.3	
145	32.7	16.2	48.5	

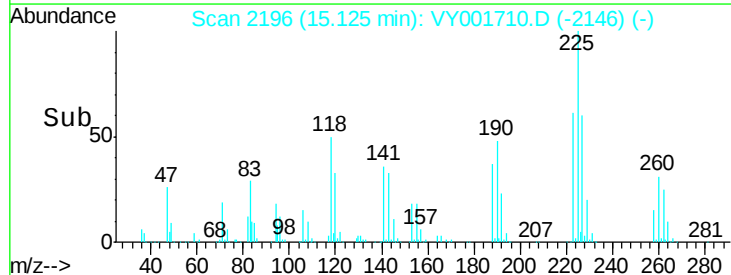
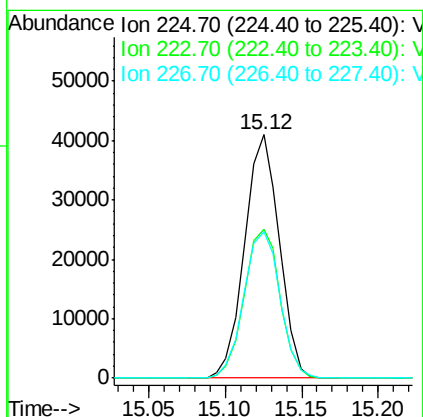
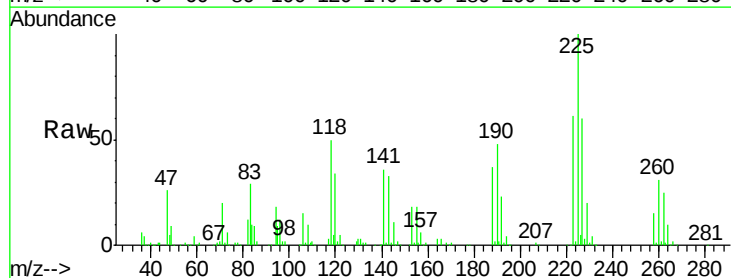
Manual Integrations
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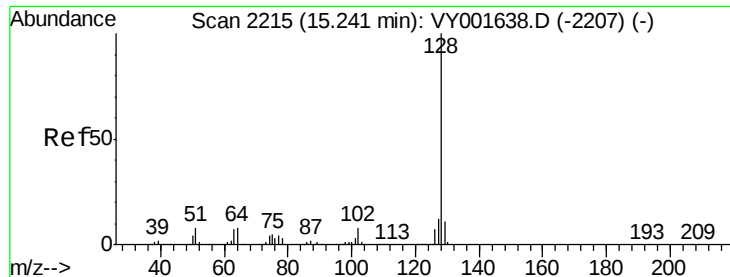
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#94
 Hexachlorobutadiene
 Concen: 43.838 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64537		
223	63.3	31.4	94.0	
227	63.2	31.6	94.8	





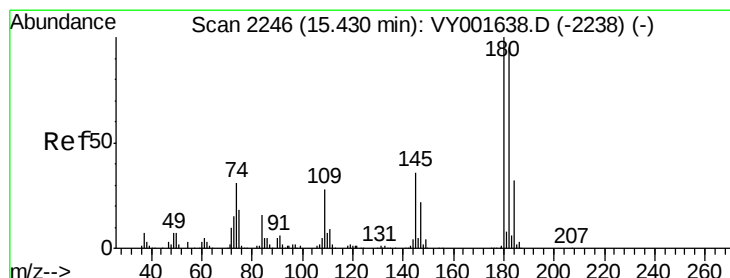
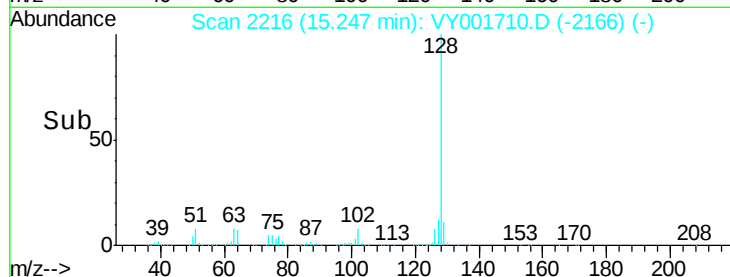
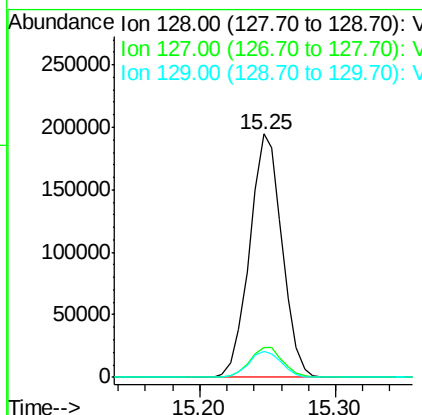
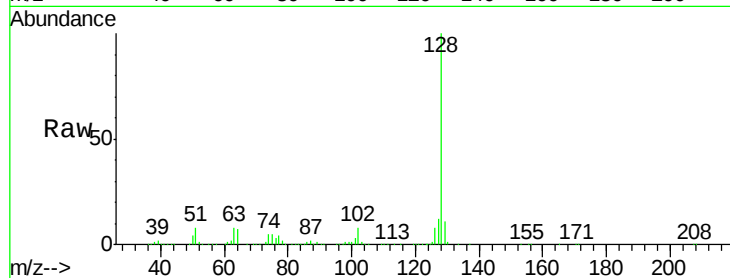
#95
Naphthalene
Concen: 47.547 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.6	9.9	14.9
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.090 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	47.2	141.6
145	34.9	17.3	52.0

