

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001290.D
 Acq On : 20 Jan 2020 12:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 10:59:47 AM

Quant Time: Jan 21 06:57:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	200186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	342013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	304095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	144971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102109	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.75	113	97884	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.20	98	403478	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.50	95	151138	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.92	85	62771	40.829	ug/l	100
3) Chloromethane	2.13	50	95718	43.193	ug/l	99
4) Vinyl Chloride	2.27	62	102358	45.848	ug/l	100
5) Bromomethane	2.67	94	70267	58.594	ug/l	97
6) Chloroethane	2.82	64	67848	52.604	ug/l	99
7) Trichlorofluoromethane	3.15	101	138954	44.715	ug/l	99
8) Diethyl Ether	3.55	74	56498	46.789	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.93	101	92178	46.082	ug/l	99
10) Methyl Iodide	4.12	142	120615	44.053	ug/l	99
11) Tert butyl alcohol	4.99	59	58405	274.552	ug/l	96
12) 1,1-Dichloroethene	3.91	96	92001	44.956	ug/l	98
13) Acrolein	3.76	56	50736	264.927	ug/l	100
14) Allyl chloride	4.52	41	167741	48.565	ug/l	99
15) Acrylonitrile	5.21	53	141993	235.124	ug/l	99
16) Acetone	3.98	43	138996	283.069	ug/l	97
17) Carbon Disulfide	4.22	76	261136	39.426	ug/l	100
18) Methyl Acetate	4.51	43	74190	45.698	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	272433	48.126	ug/l	98
20) Methylene Chloride	4.75	84	114639	50.110	ug/l	95
21) trans-1,2-Dichloroethene	5.27	96	108497	46.756	ug/l	96
22) Diisopropyl ether	6.16	45	356258	50.500	ug/l	99
23) Vinyl Acetate	6.10	43	1120726	248.401	ug/l	99
24) 1,1-Dichloroethane	6.05	63	192472	49.836	ug/l	99
25) 2-Butanone	7.02	43	197431	258.343	ug/l	99
26) 2,2-Dichloropropane	7.02	77	169365	47.688	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	126131	49.606	ug/l	99
28) Bromochloromethane	7.37	49	89735	56.582	ug/l	99
29) Tetrahydrofuran	7.39	42	123118	235.083	ug/l	96
30) Chloroform	7.54	83	188623	49.845	ug/l	99
31) Cyclohexane	7.82	56	173415	42.408	ug/l	98
32) 1,1,1-Trichloroethane	7.74	97	160922	47.927	ug/l	100
36) 1,1-Dichloropropene	7.95	75	148167	47.532	ug/l	98
37) Ethyl Acetate	7.11	43	83169	45.462	ug/l	99
38) Carbon Tetrachloride	7.93	117	136813	47.890	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	186109	44.038	ug/l	98
40) Benzene	8.19	78	445278	48.935	ug/l	99
41) Methacrylonitrile	7.36	41	45707m	53.188	ug/l	
42) 1,2-Dichloroethane	8.27	62	123582	48.503	ug/l	99
43) Isopropyl Acetate	8.30	43	167606	47.911	ug/l	98
44) Trichloroethene	8.97	130	115664	48.782	ug/l	98
45) 1,2-Dichloropropane	9.24	63	114787	51.027	ug/l	96
46) Dibromomethane	9.33	93	59337	48.344	ug/l	99
47) Bromodichloromethane	9.52	83	150222	50.220	ug/l	98
48) Methyl methacrylate	9.31	41	75573	46.684	ug/l	99
49) 1,4-Dioxane	9.33	88	16063	1074.626	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	420961	237.156	ug/l	99
52) Toluene	10.27	92	281921	48.576	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	163648	48.890	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	189637	50.250	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	90060	49.494	ug/l	95
56) Ethyl methacrylate	10.53	69	131682	47.309	ug/l	99
57) 1,3-Dichloropropane	10.81	76	155852	49.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	221314	226.071	ug/l	98
59) 2-Hexanone	10.85	43	301790	242.595	ug/l	98
60) Dibromochloromethane	11.00	129	103266	49.291	ug/l	99
61) 1,2-Dibromoethane	11.11	107	83307	46.888	ug/l	100
64) Tetrachloroethene	10.74	164	88662	45.229	ug/l	98
65) Chlorobenzene	11.53	112	300740	49.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	106347	50.781	ug/l	100
67) Ethyl Benzene	11.61	91	554817	49.914	ug/l	99
68) m/p-Xylenes	11.72	106	418821	99.884	ug/l	100
69) o-Xylene	12.05	106	197975	49.245	ug/l	98
70) Styrene	12.06	104	353864	50.166	ug/l	99
71) Bromoform	12.22	173	60265	46.662	ug/l #	98
73) Isopropylbenzene	12.34	105	535921	49.174	ug/l	100
74) N-amyl acetate	12.16	43	161791	47.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	109625	47.809	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	72015m	46.404	ug/l	
77) Bromobenzene	12.63	156	119601	49.664	ug/l	97
78) n-propylbenzene	12.69	91	653121	49.821	ug/l	100
79) 2-Chlorotoluene	12.77	91	370402	49.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	450870	49.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41380	45.216	ug/l #	99
82) 4-Chlorotoluene	12.87	91	391859	48.754	ug/l	99
83) tert-Butylbenzene	13.09	119	381813	49.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	455031	50.389	ug/l	99
85) sec-Butylbenzene	13.27	105	549937	50.029	ug/l	99
86) p-Isopropyltoluene	13.38	119	484062	50.719	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	230888	50.696	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	232355	49.571	ug/l	99
89) n-Butylbenzene	13.71	91	484403	50.393	ug/l	99
90) Hexachloroethane	13.97	117	93838	50.319	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	210480	49.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17823	43.090	ug/l	98

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QLast Update : Tue Jan 21 06:54:04 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	135904	48.732	ug/l	100
94) Hexachlorobutadiene	15.12	225	68664	48.873	ug/l	99
95) Naphthalene	15.25	128	293067	45.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	117293	47.723	ug/l	99

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

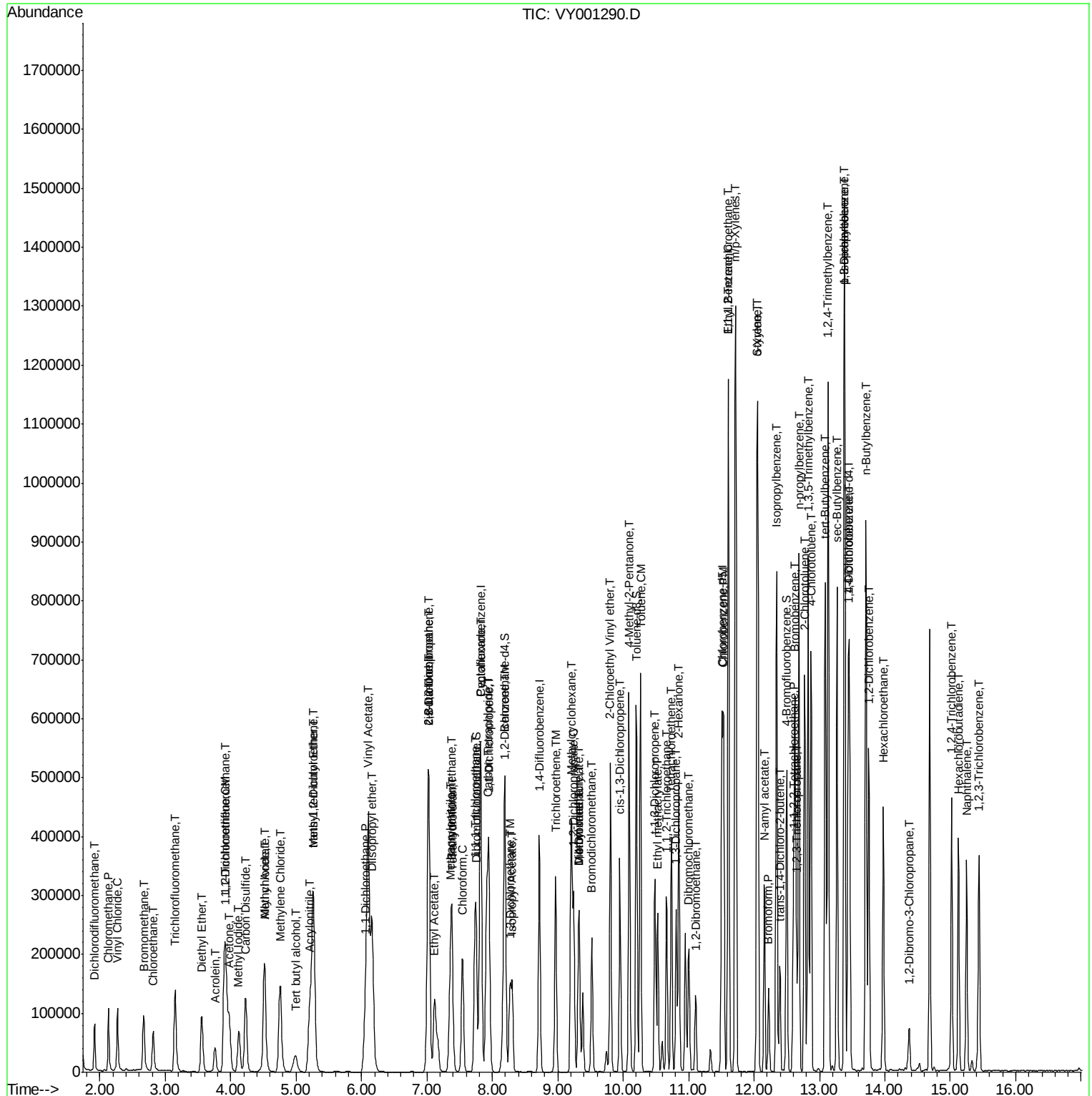
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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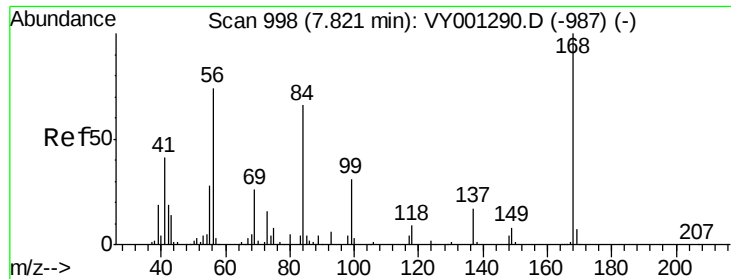
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 200186

Ion Ratio Lower Upper

168 100

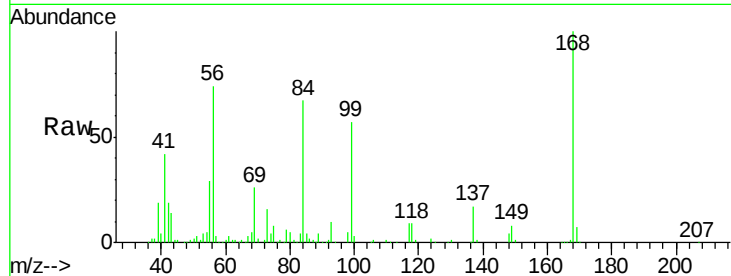
99 57.1 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.82

80000

60000

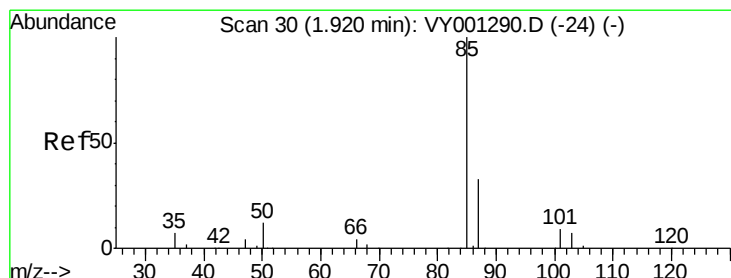
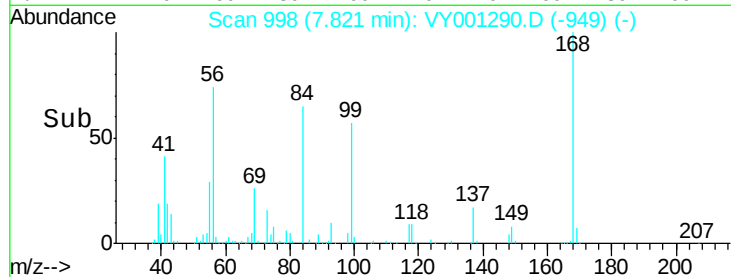
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.829 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001290.D

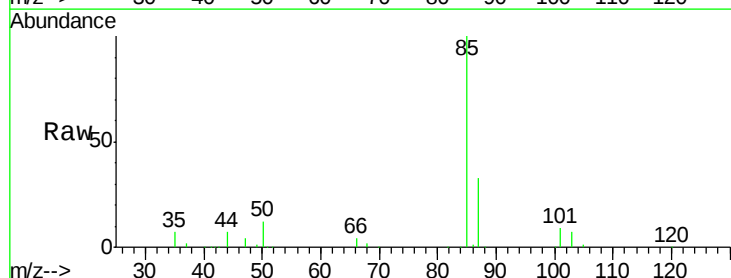
Acq: 20 Jan 2020 12:26

Tgt Ion: 85 Resp: 62771

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001290.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VY001290.D (-24) (-)

1.92

50000

40000

30000

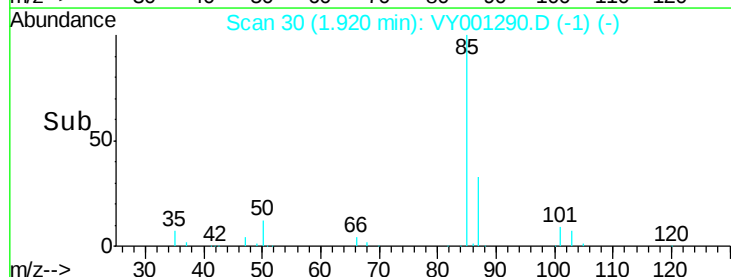
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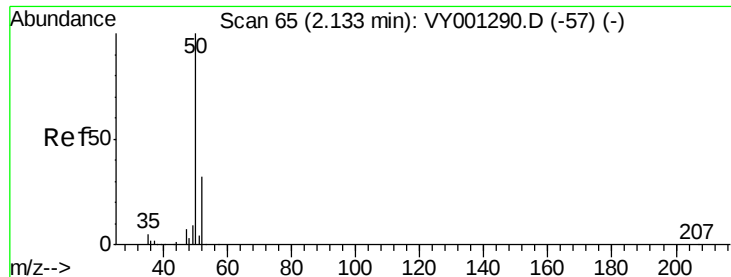
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.193 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 95718

Ion Ratio Lower Upper

50 100

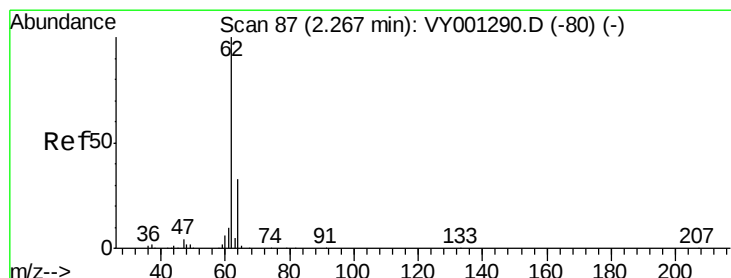
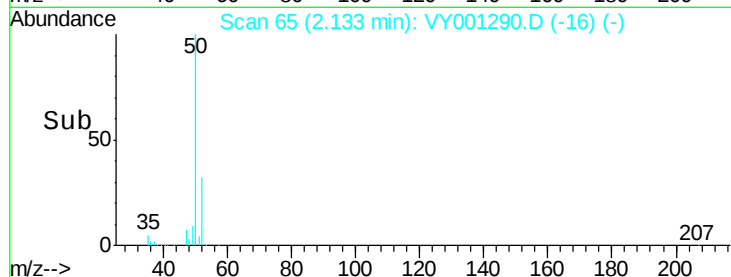
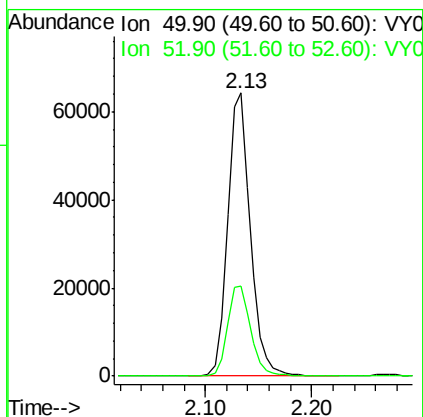
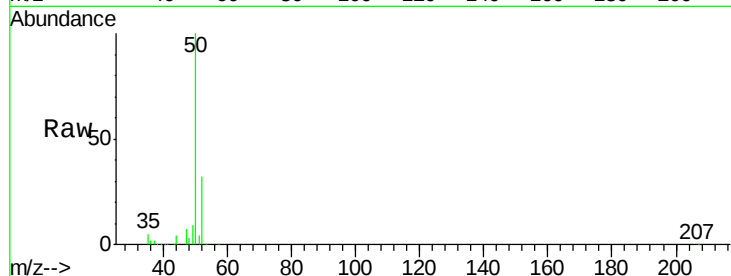
52 31.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.848 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001290.D

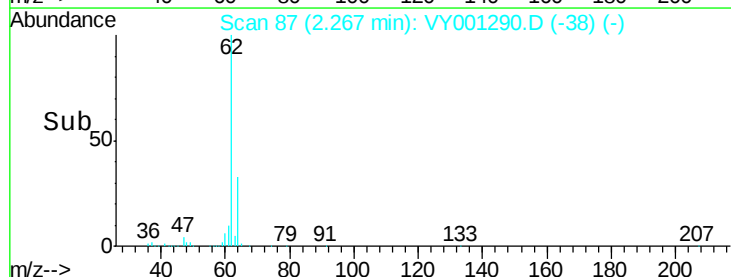
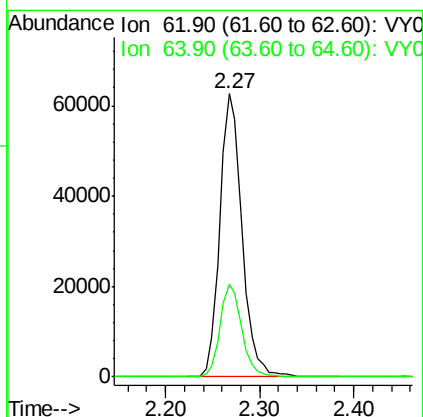
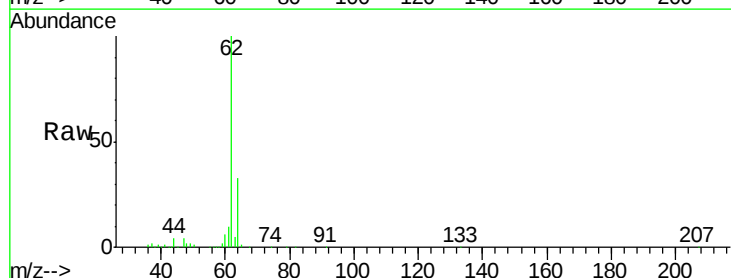
Acq: 20 Jan 2020 12:26

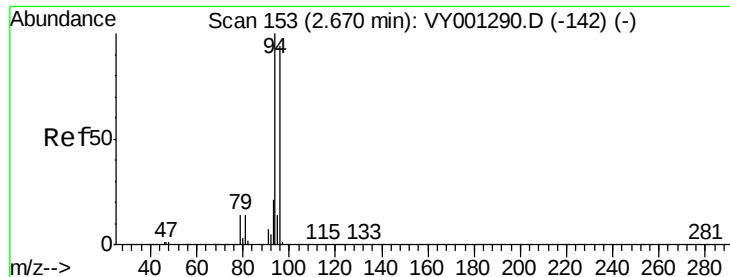
Tgt Ion: 62 Resp: 102358

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 58.594 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion: 94 Resp: 70267

Ion Ratio Lower Upper

94 100

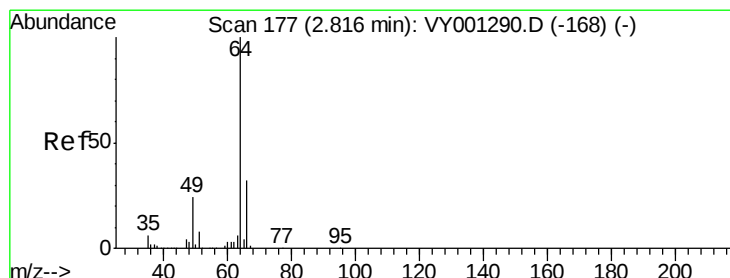
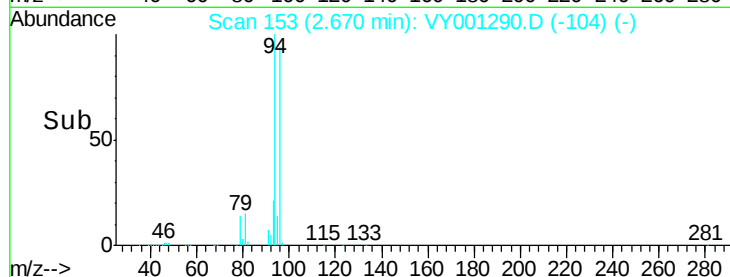
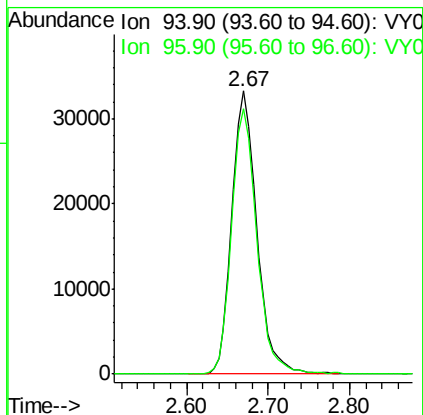
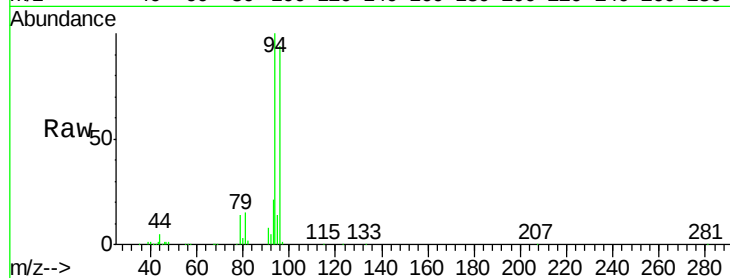
96 93.8 77.3 115.9

Manual Integrations

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#6

Chloroethane

Concen: 52.604 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY001290.D

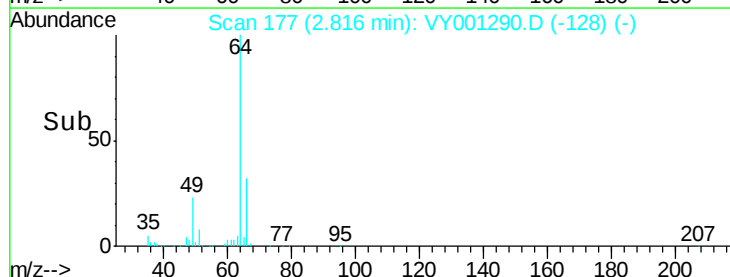
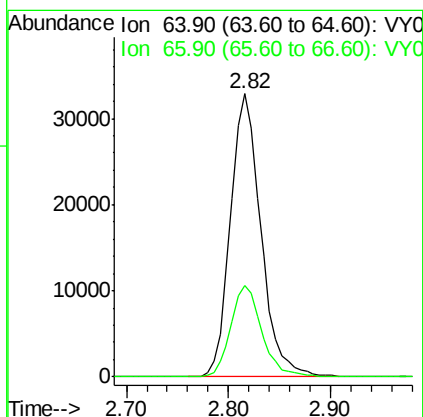
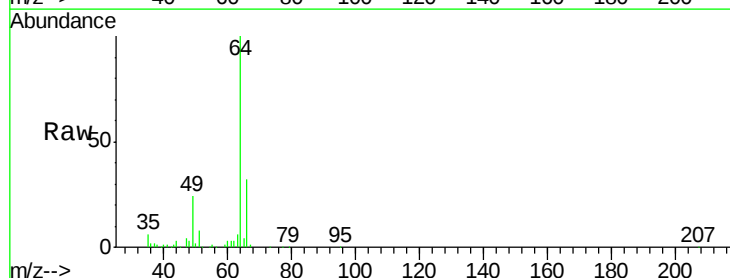
Acq: 20 Jan 2020 12:26

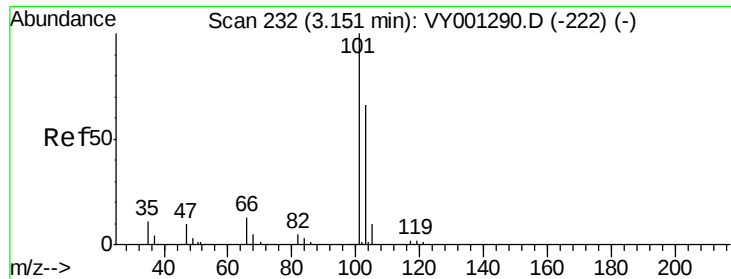
Tgt Ion: 64 Resp: 67848

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

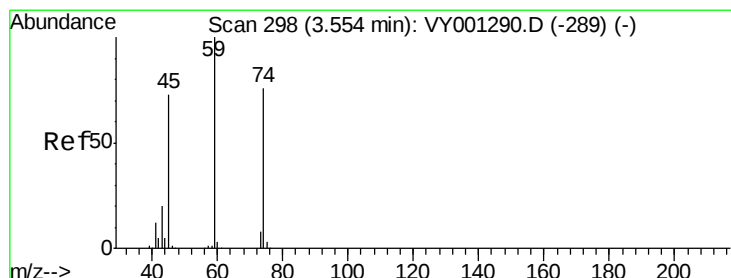
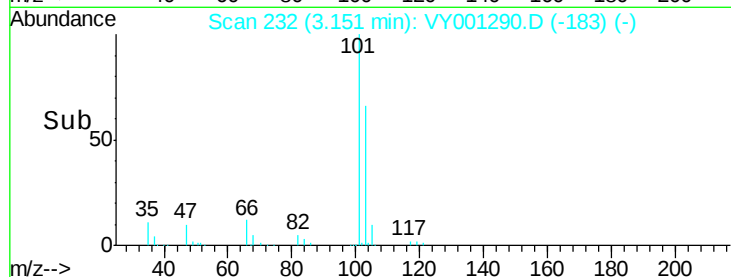
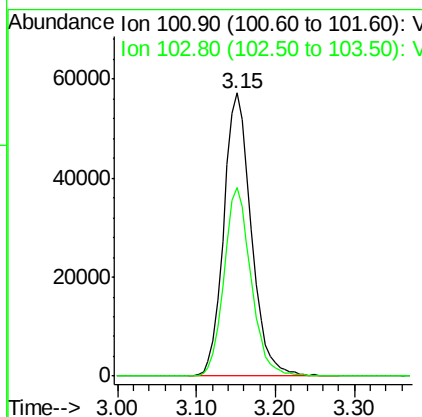
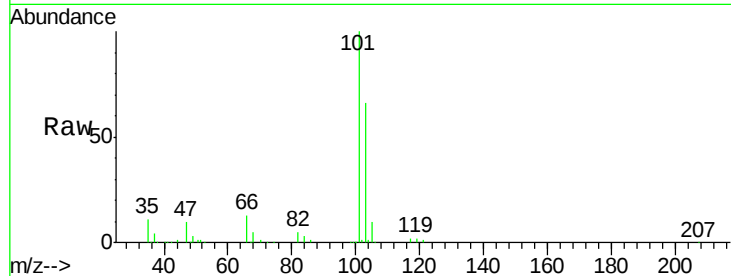
Trichlorofluoromethane
 Concen: 44.715 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: VY001290.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		138954		
103	66.4	52.6	79.0		

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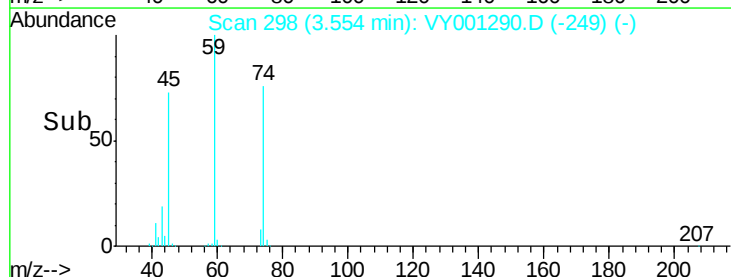
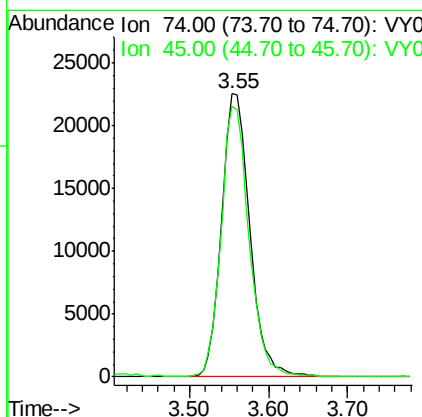
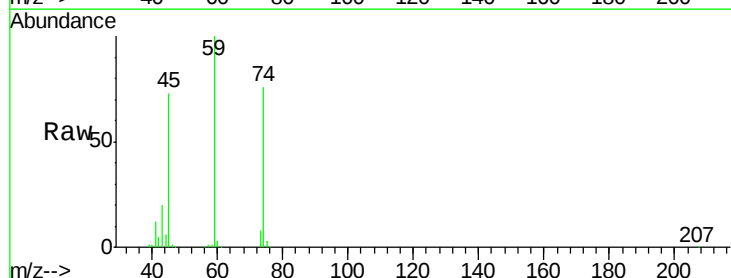
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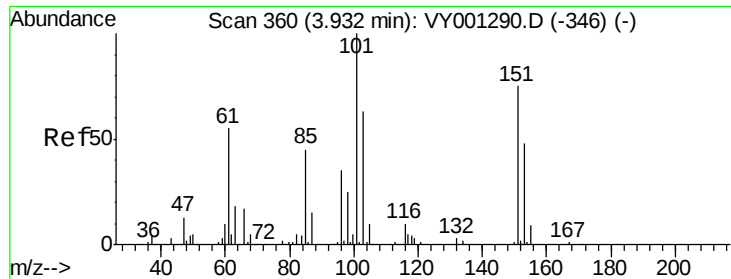


#8

Diethyl Ether
 Concen: 46.789 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		56498		
45	94.5	45.5	136.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.082 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

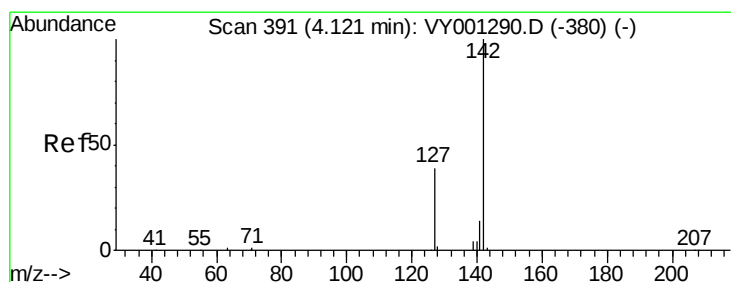
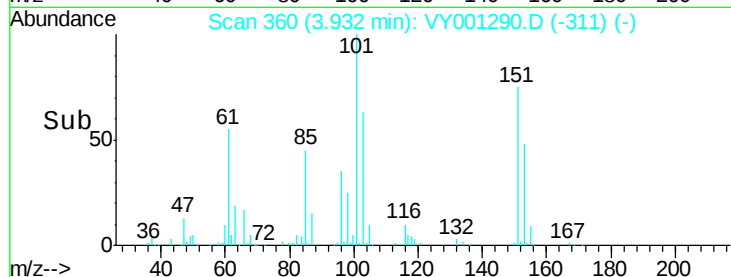
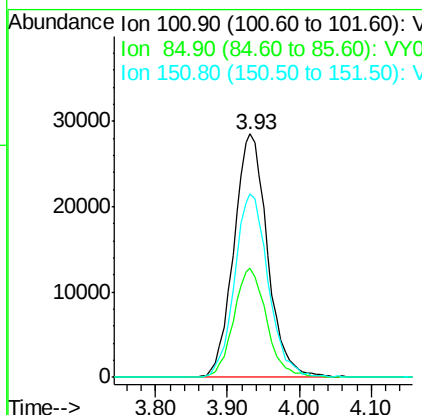
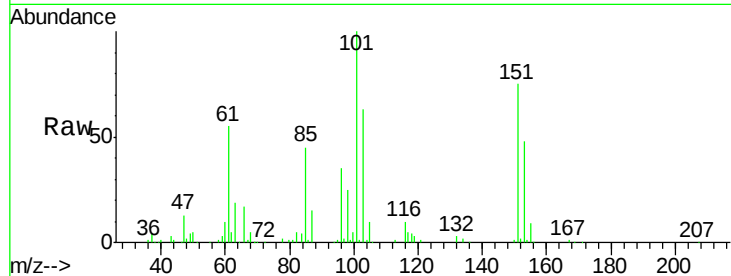
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	92178
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.2	52.8
151	75.7	61.4	92.2

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#10

Methyl Iodide

Concen: 44.053 ug/l

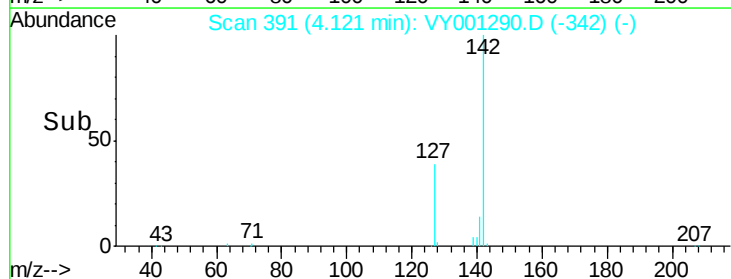
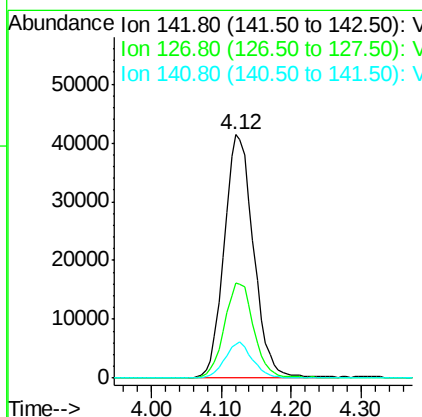
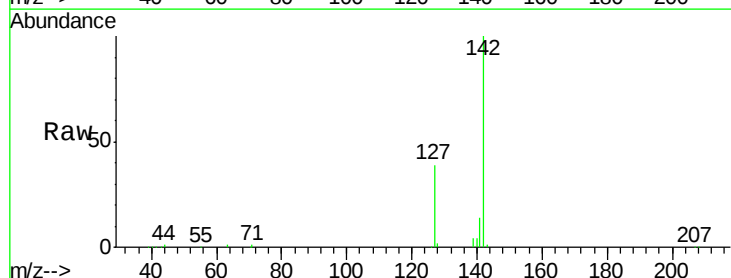
RT: 4.12 min Scan# 391

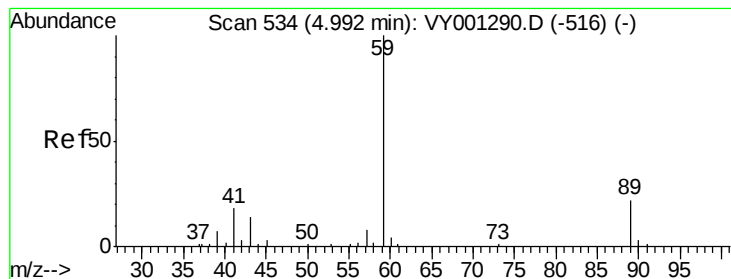
Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion:	142	Resp:	120615
Ion Ratio	Lower	Upper	
142	100		
127	39.4	30.8	46.2
141	13.9	11.0	16.4





#11

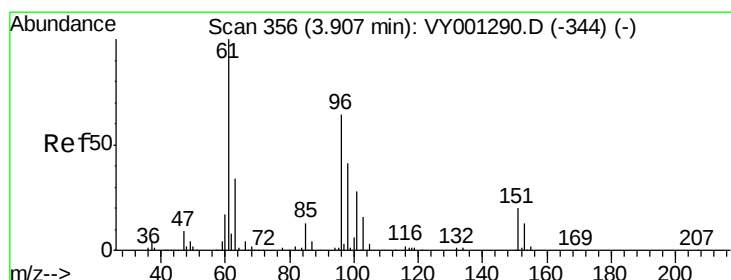
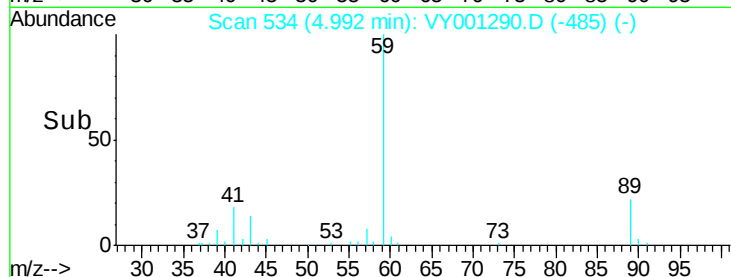
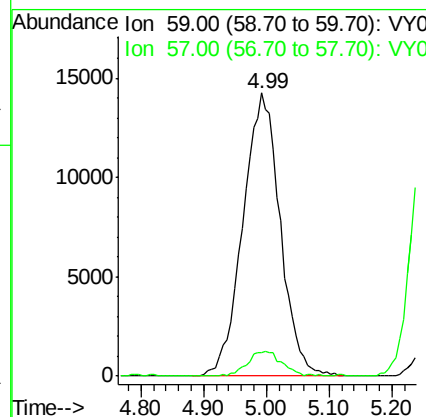
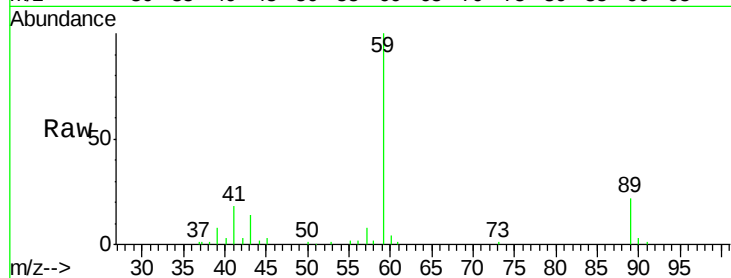
Tert butyl alcohol
 Concen: 274.552 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.2	7.8	11.8

Manual Integrations
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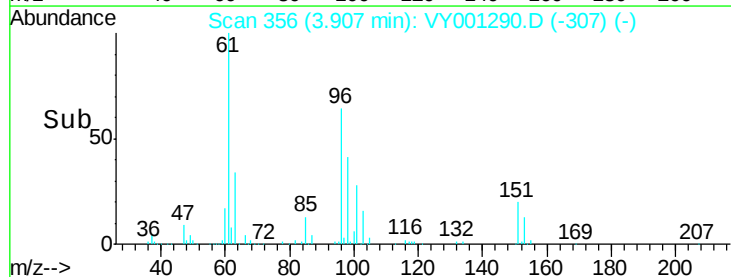
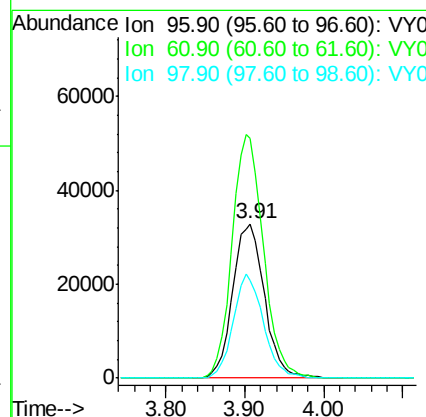
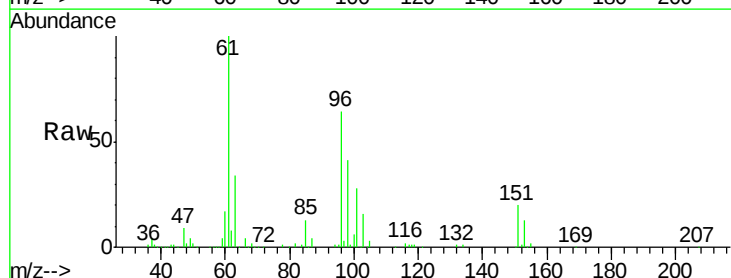
MMDadoda
 1/21/2020 10:59:47 AM

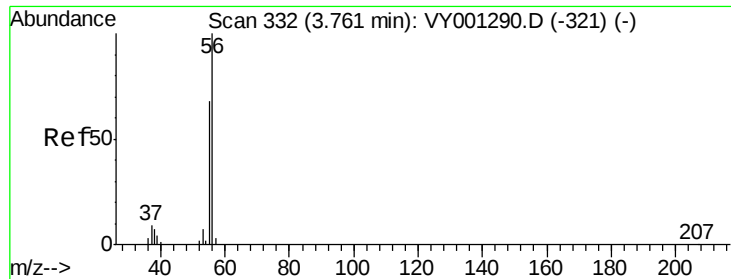


#12

1,1-Dichloroethene
 Concen: 44.956 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	122.1	183.1
98	63.1	51.0	76.6





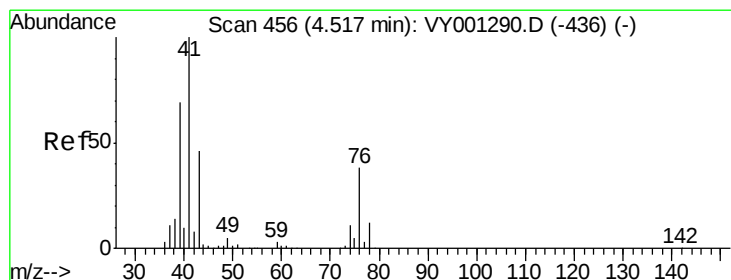
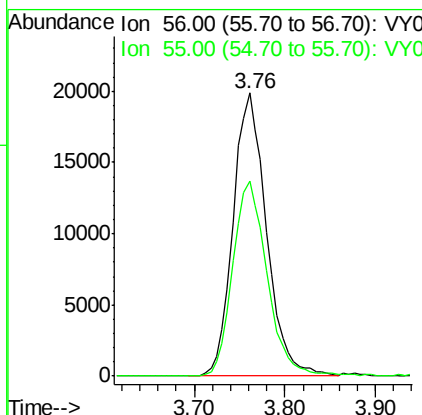
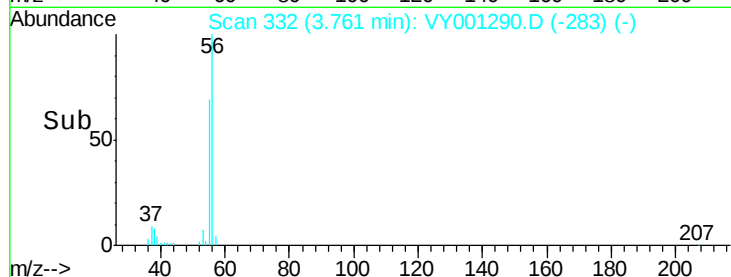
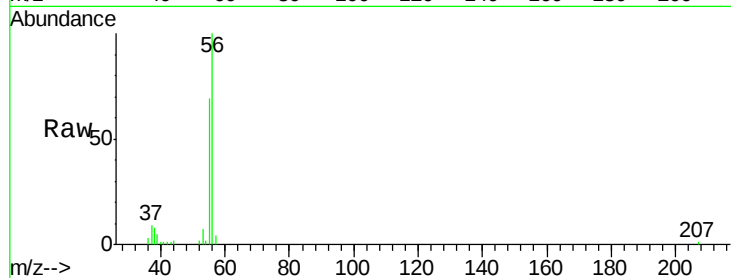
#13
Acrolein
Concen: 264.927 ug/l
RT: 3.76 min Scan# 332
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	50736
Ion Ratio	100	Lower	Upper
55	71.2	56.7	85.1

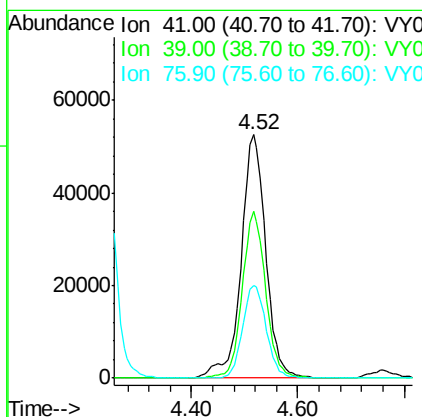
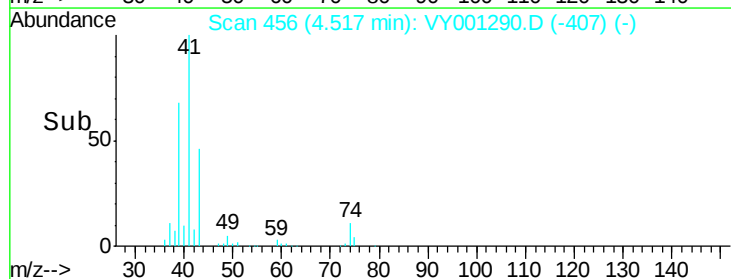
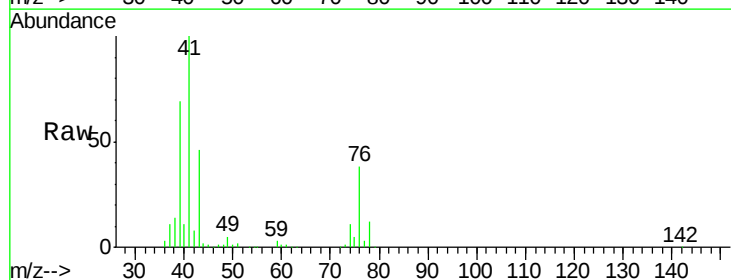
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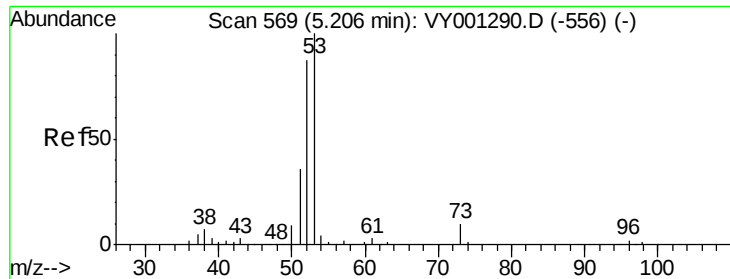
MMDadoda
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#14
Allyl chloride
Concen: 48.565 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	41	Resp	167741
Ion Ratio	100	Lower	Upper
39	65.2	52.6	78.8
76	36.6	30.2	45.2





#15

Acrylonitrile

Concen: 235.124 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

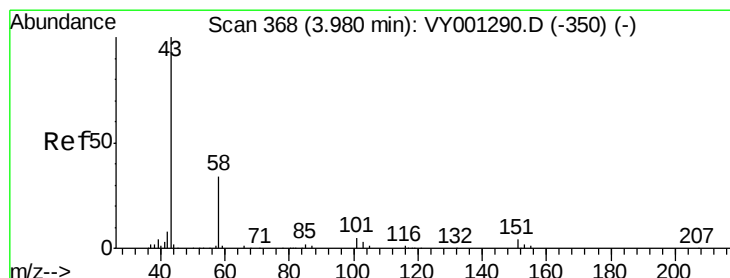
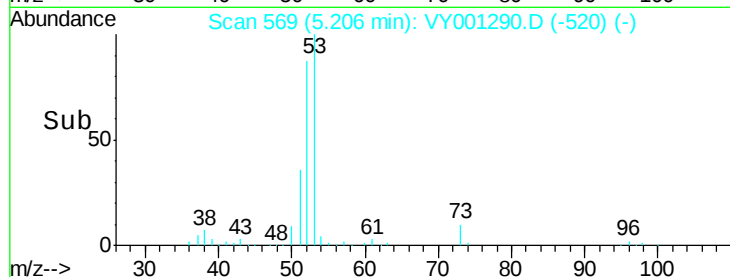
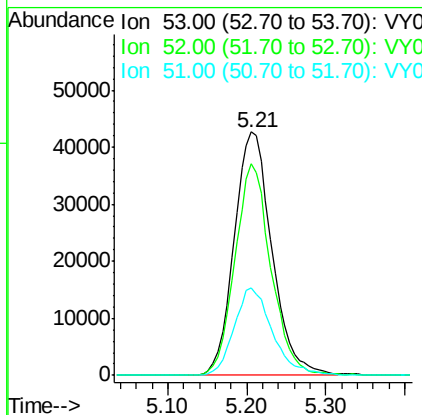
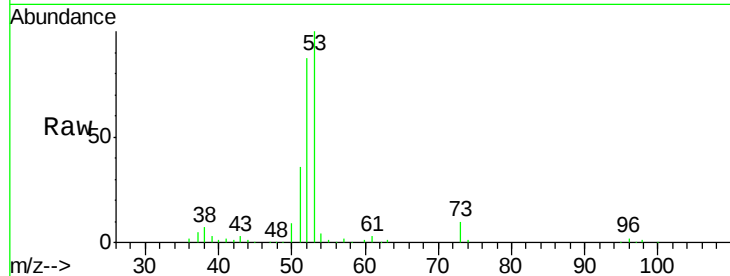
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	141993
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.7	98.5
51	36.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 283.069 ug/l

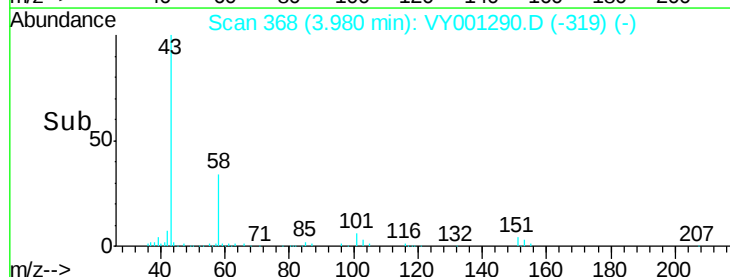
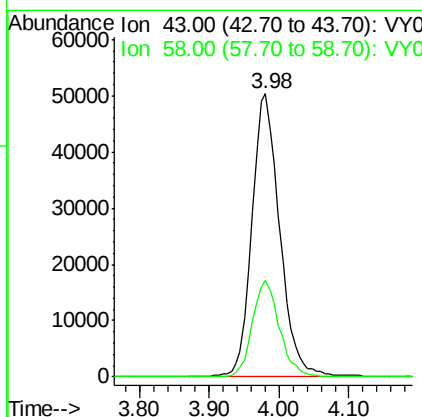
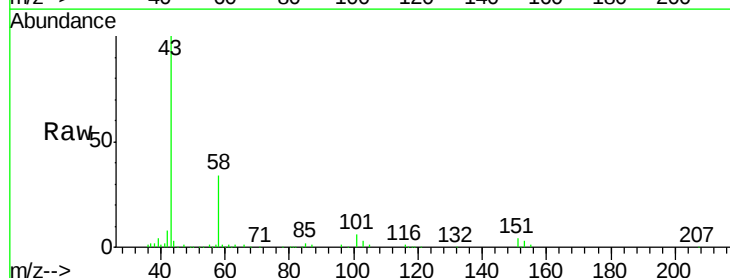
RT: 3.98 min Scan# 368

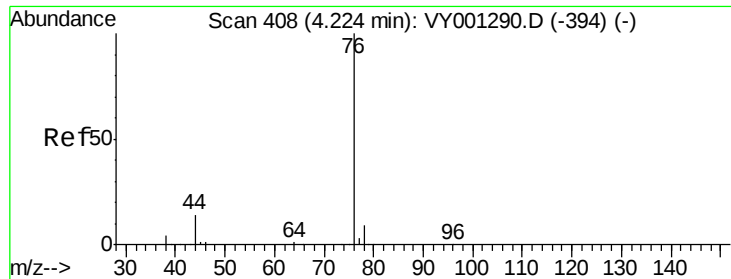
Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion:	43	Resp:	138996
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.8	38.6





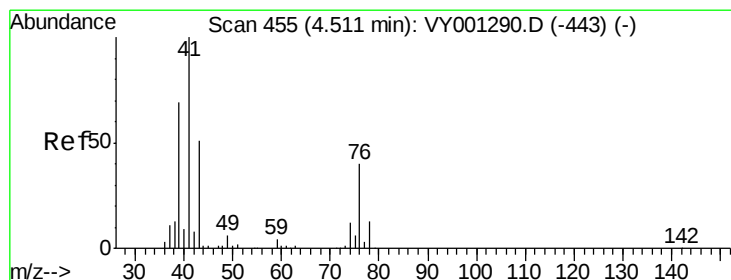
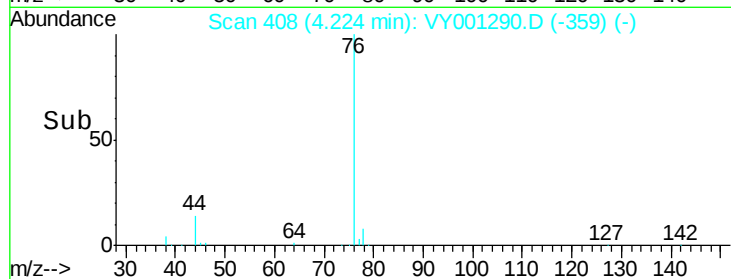
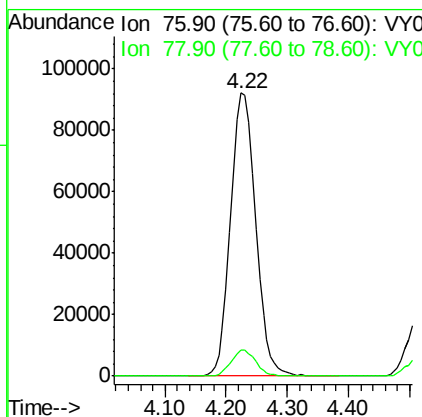
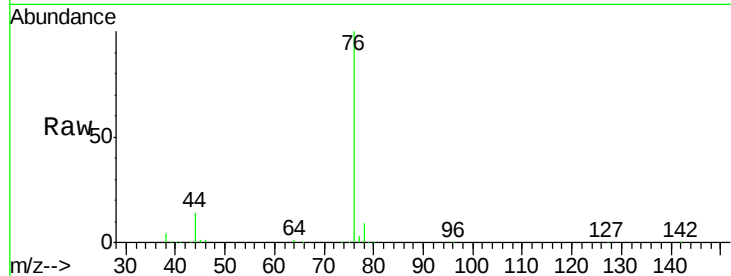
#17
Carbon Disulfide
Concen: 39.426 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

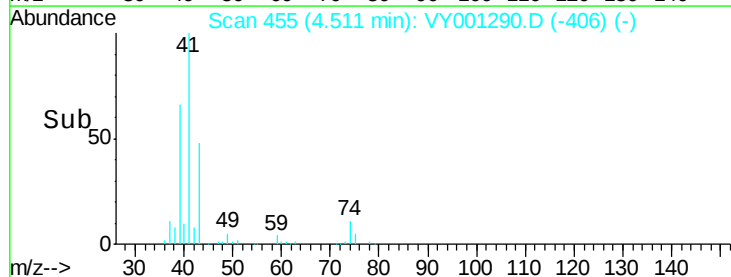
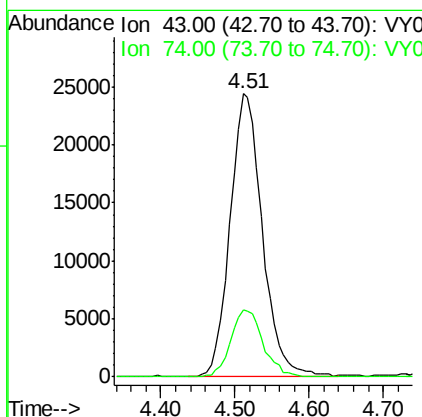
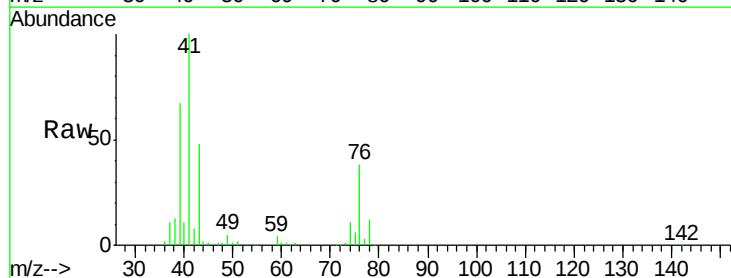
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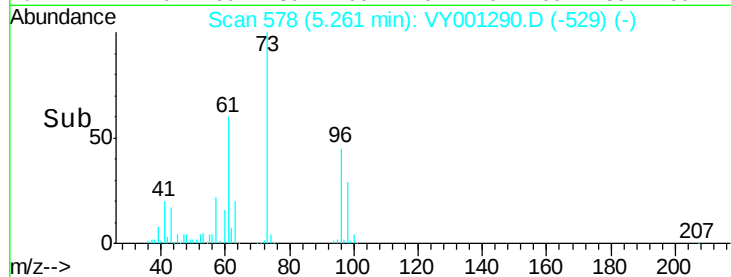
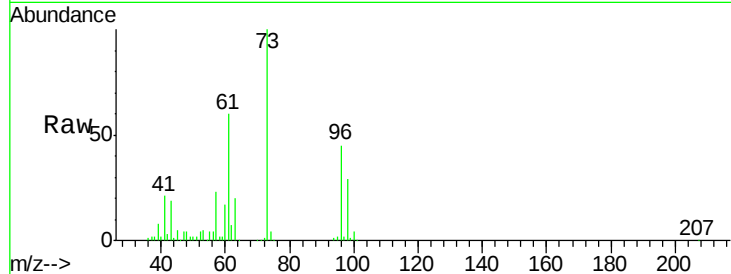
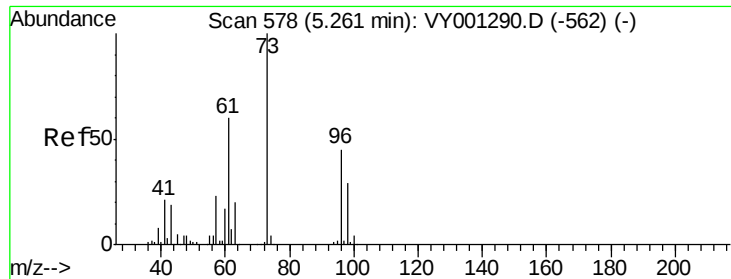
MMDadoda
1/21/2020 10:59:47 AM



#18
Methyl Acetate
Concen: 45.698 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	20.2	30.2





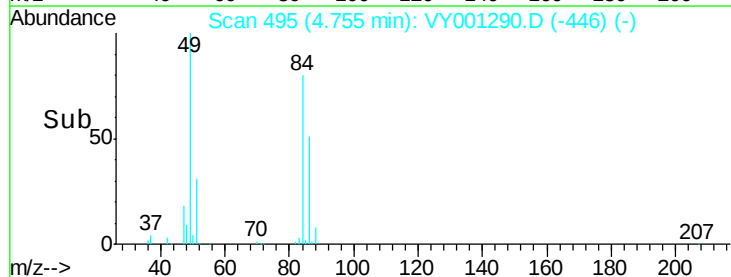
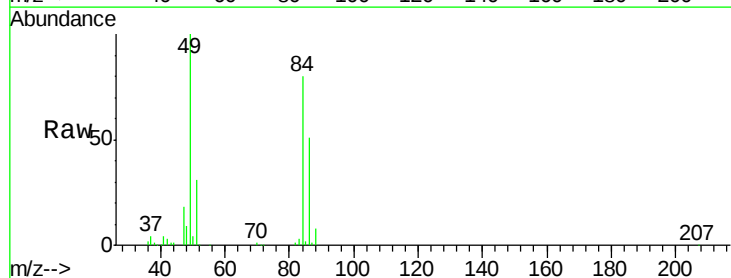
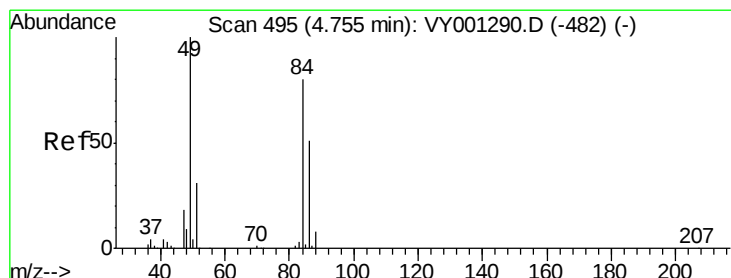
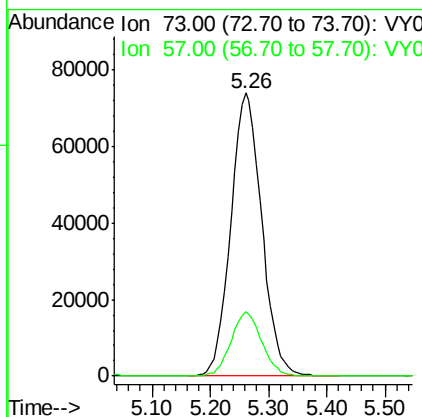
#19
Methvl tert-butvl Ether
Concen: 48.126 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tot Ion: 73 Resp: 272433
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

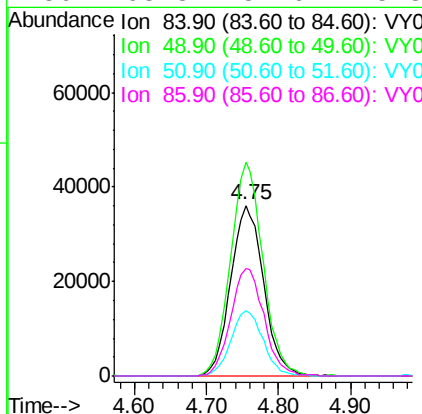
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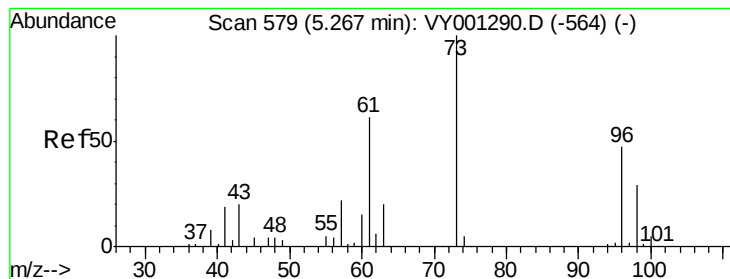
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1/21/2020 10:59:47 AM



#20
Methylene Chloride
Concen: 50.110 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 84 Resp: 114639
Ion Ratio Lower Upper
84 100
49 125.4 93.8 140.6
51 38.5 29.9 44.9
86 63.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.756 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 108497

Ion Ratio Lower Upper

96 100

61 129.1 107.6 161.4

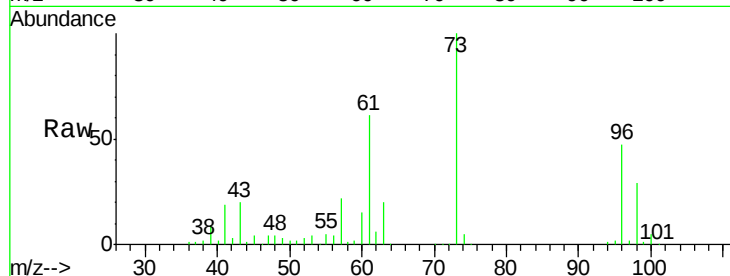
98 60.9 47.6 71.4

Manual Integrations

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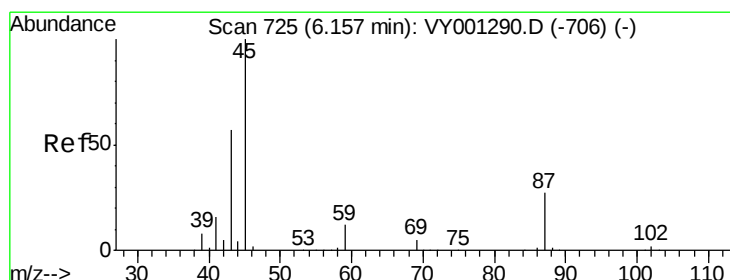
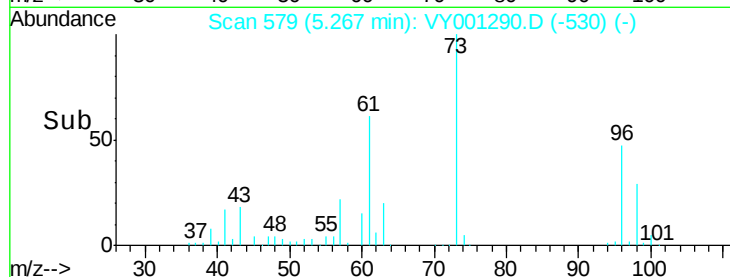
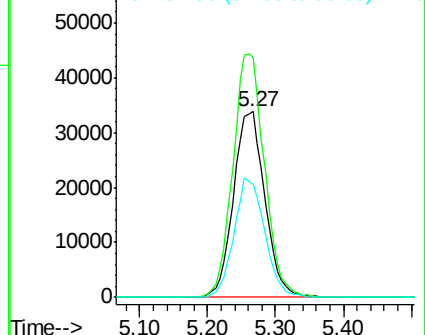


Abundance

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: 50.500 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion: 45 Resp: 356258

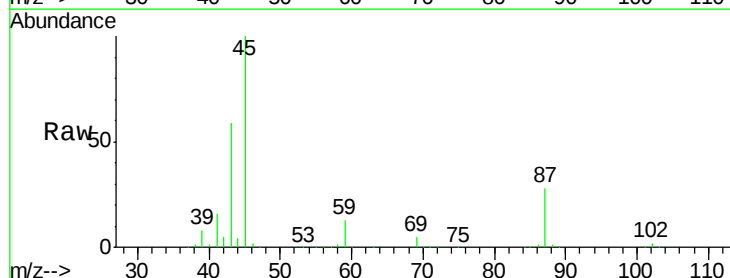
Ion Ratio Lower Upper

45 100

43 58.5 46.5 69.7

87 27.7 22.5 33.7

59 12.6 9.4 14.0



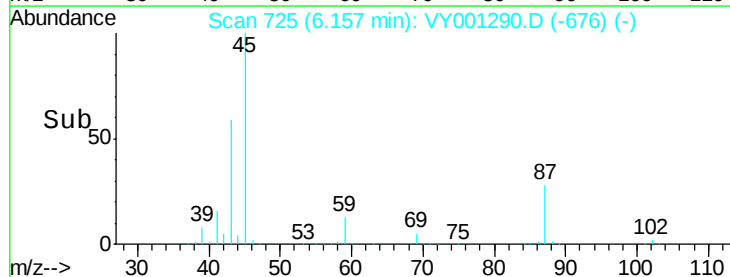
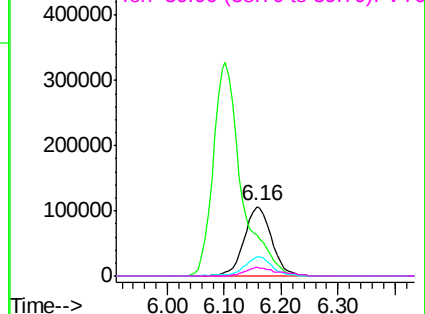
Abundance

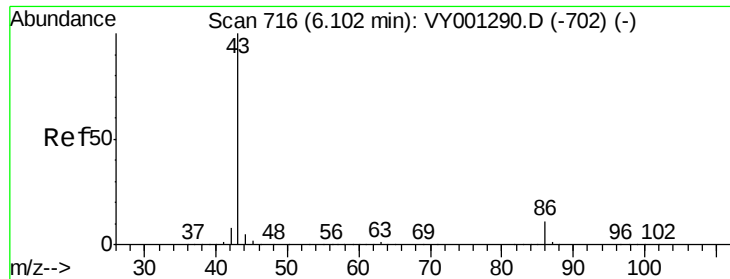
Ion 45.00 (44.70 to 45.70): VY0

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





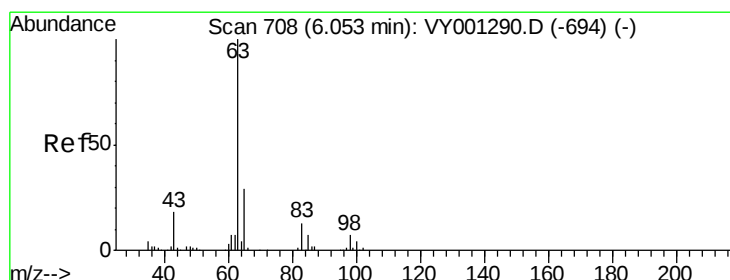
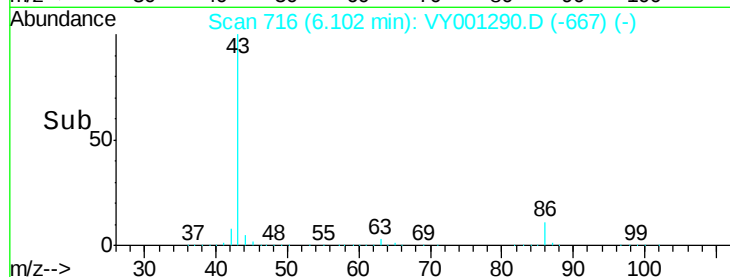
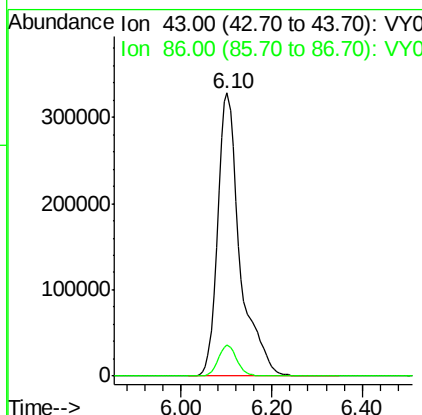
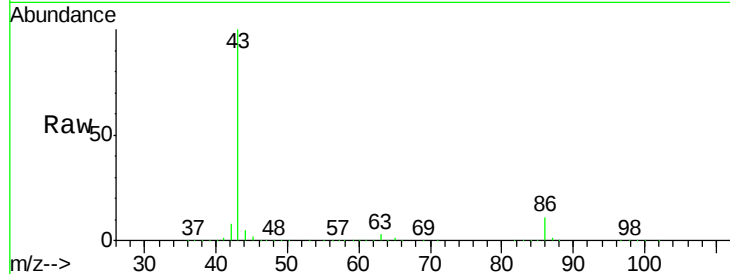
#23
 Vinyl Acetate
 Concen: 248.401 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1120726
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.4

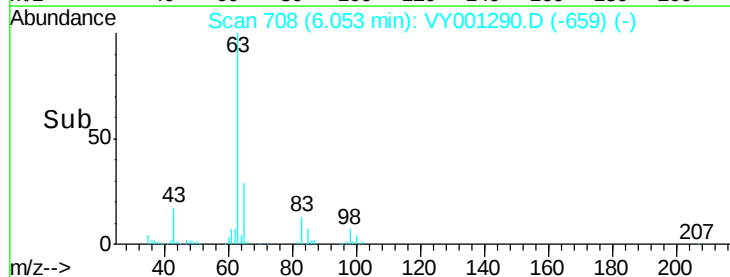
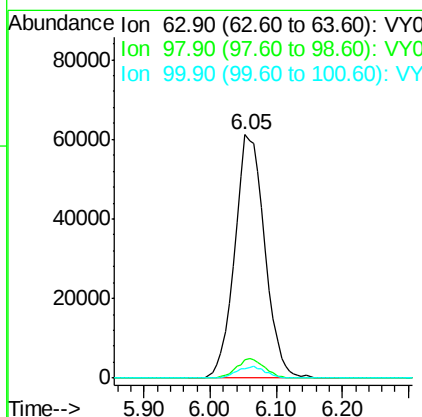
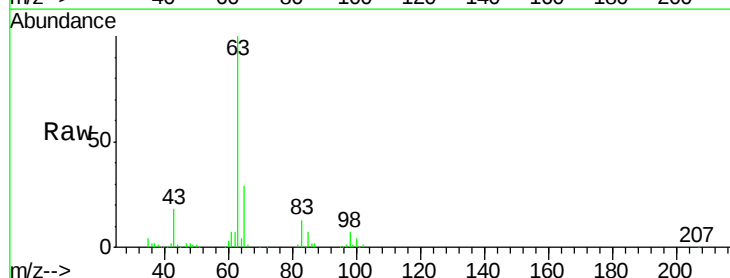
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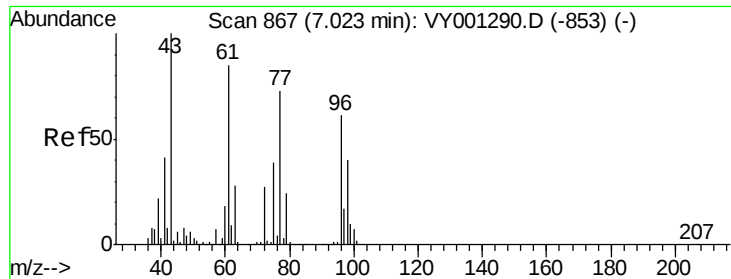
MMDadoda
 1/21/2020 10:59:47 AM



#24
 1,1-Dichloroethane
 Concen: 49.836 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 63 Resp: 192472
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.1 2.4 7.2





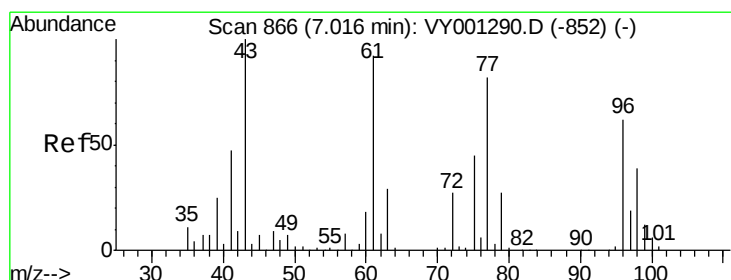
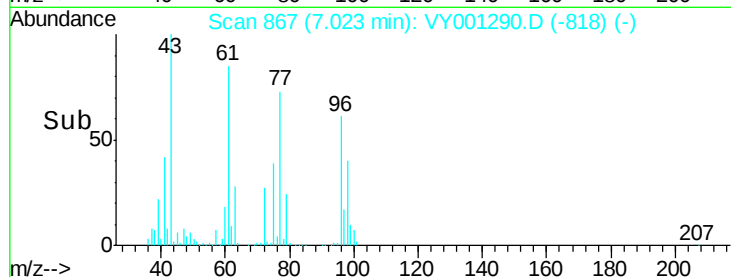
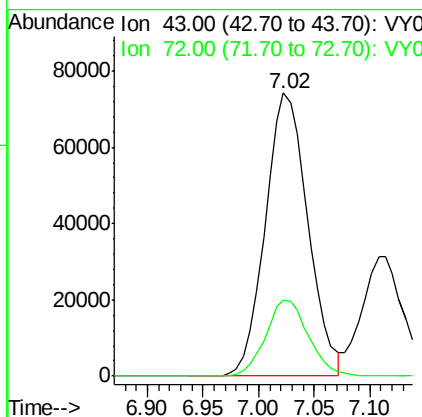
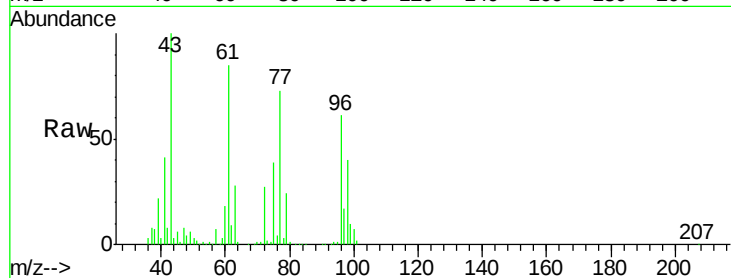
#25
2-Butanone
Concen: 258.343 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 197431
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2

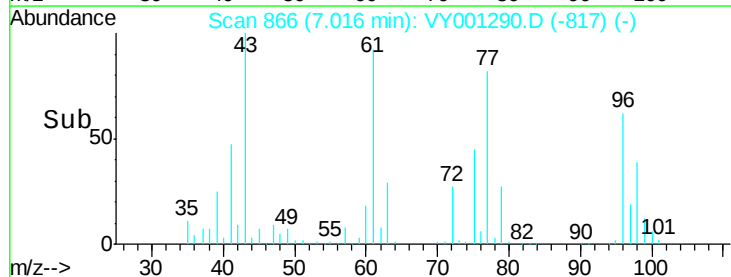
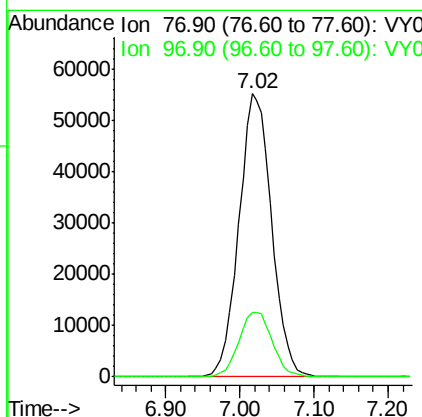
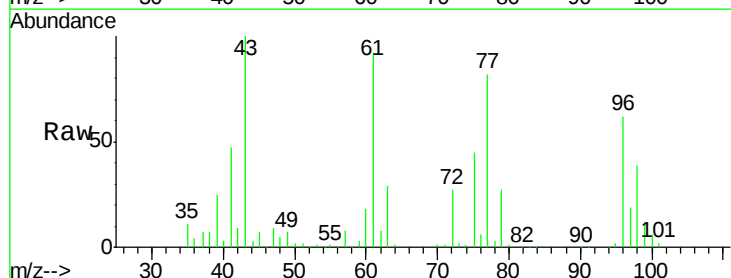
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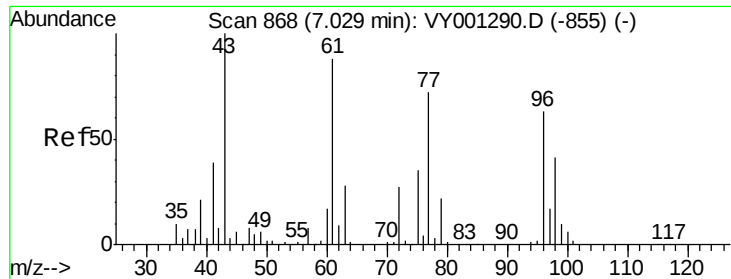
MMDadoda
1/21/2020 10:59:47 AM



#26
2,2-Dichloropropane
Concen: 47.688 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 77 Resp: 169365
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7





#27

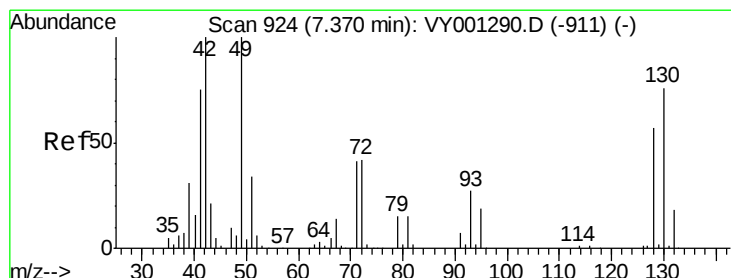
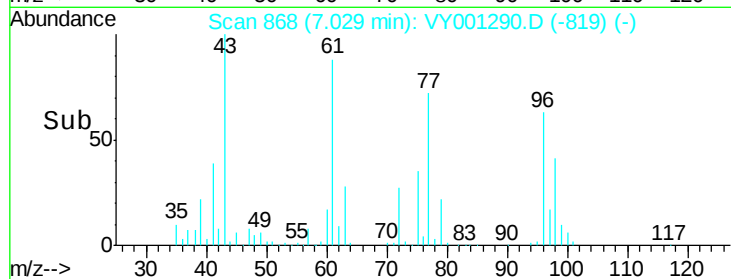
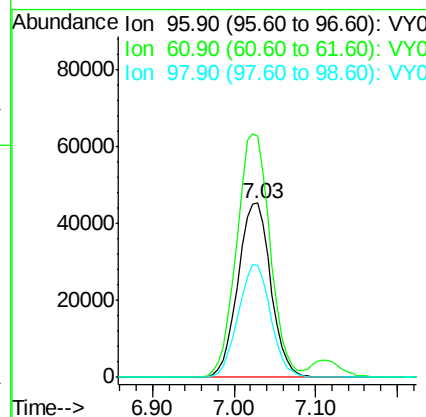
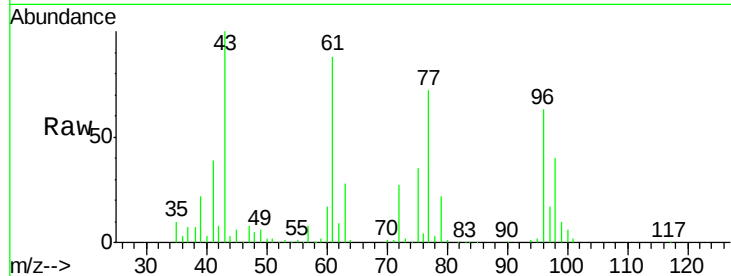
cis-1,2-Dichloroethene
Concen: 49.606 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126131		
61	142.5	0.0	284.0	
98	64.3	0.0	130.2	

Manual Integrations
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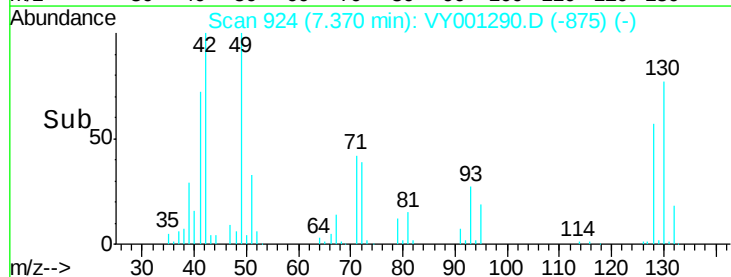
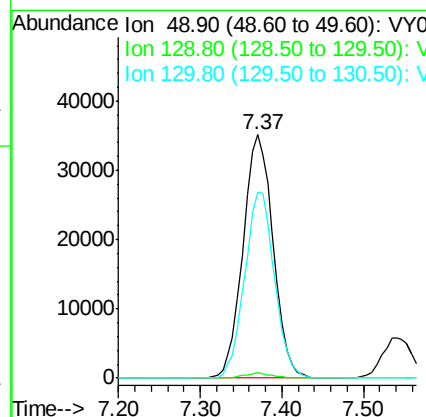
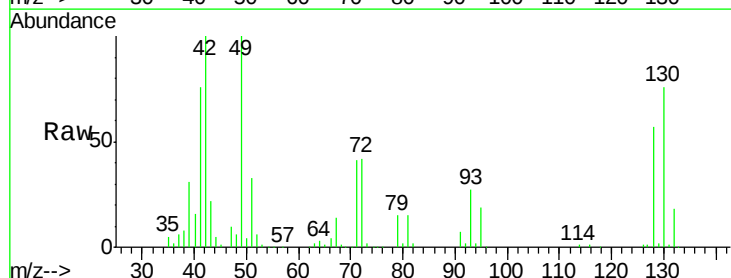
MMDadoda
1/21/2020 10:59:47 AM

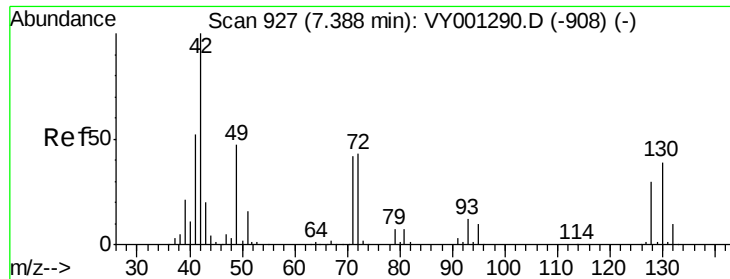


#28

Bromochloromethane
Concen: 56.582 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	89735		
129	1.9	0.0	4.4	
130	75.9	61.2	91.8	





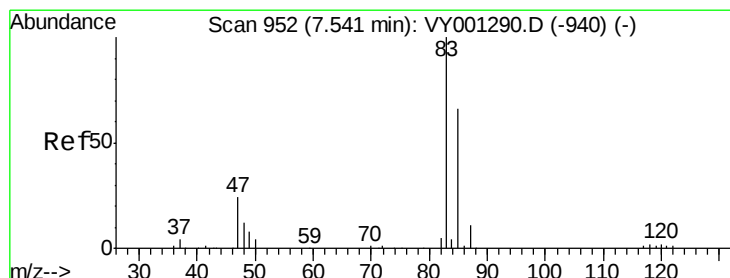
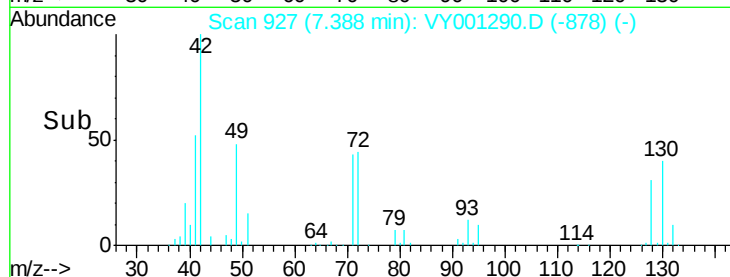
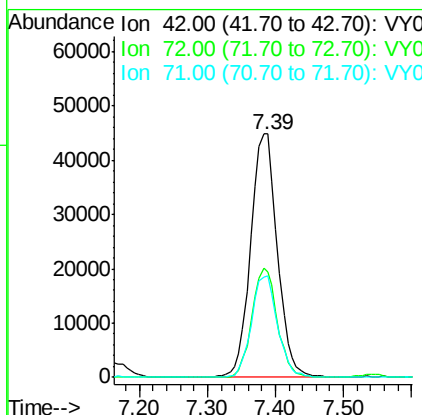
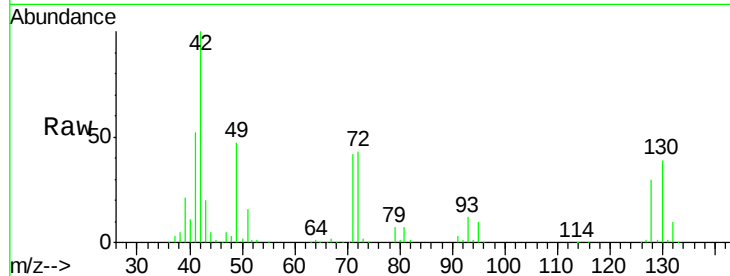
#29
Tetrahydrofuran
Concen: 235.083 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.9	55.3
71	40.7	34.0	51.0

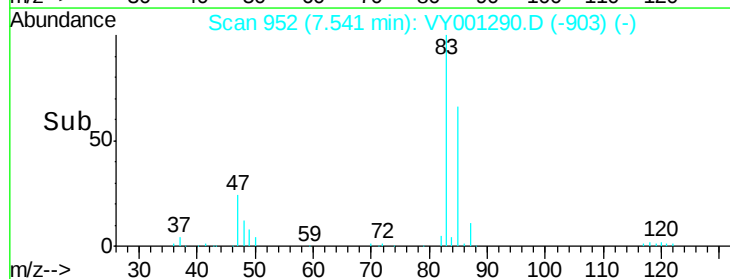
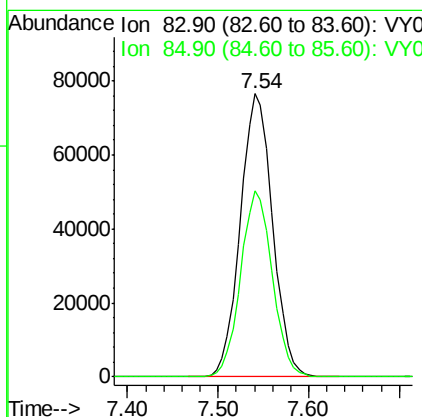
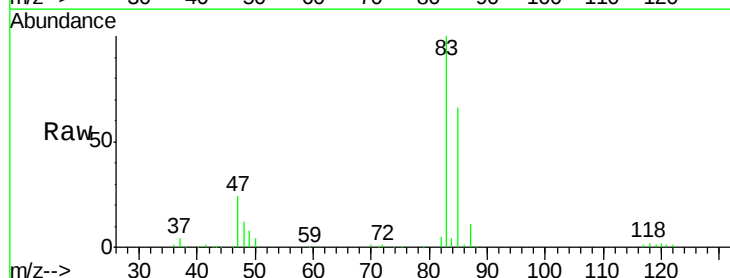
Manual Integrations
APPROVED

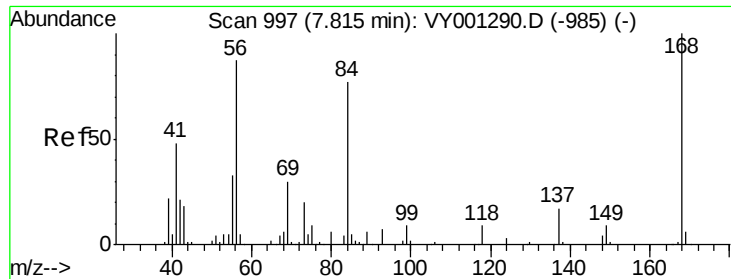
MMDadoda
1/21/2020 10:59:47 AM



#30
Chloroform
Concen: 49.845 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





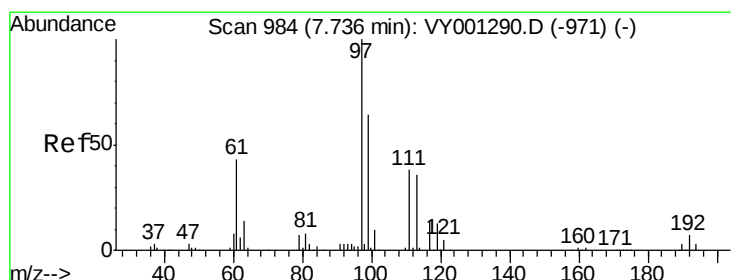
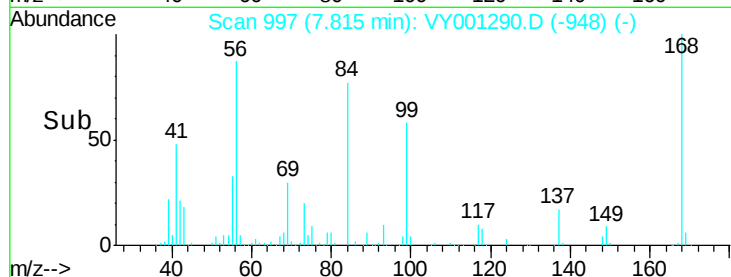
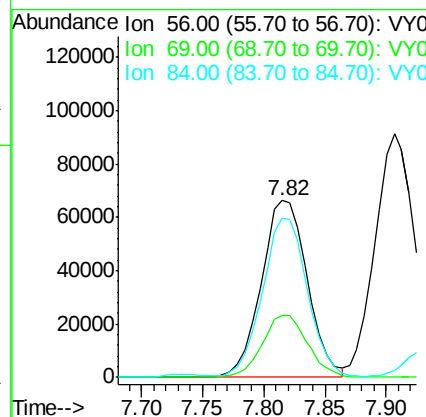
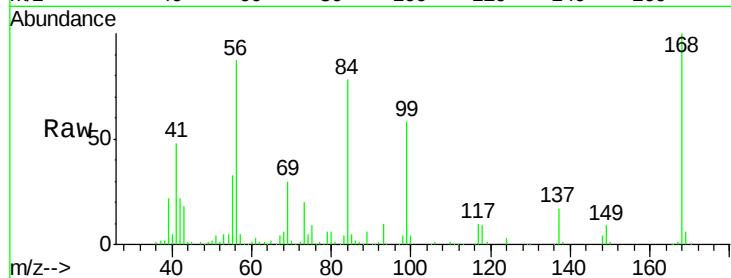
#31
Cyclohexane
Concen: 42.408 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.8	41.8
84	88.9	68.9	103.3

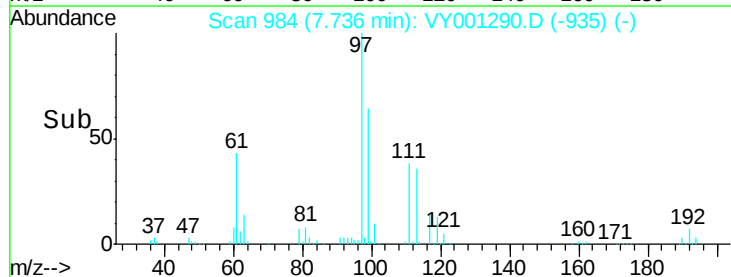
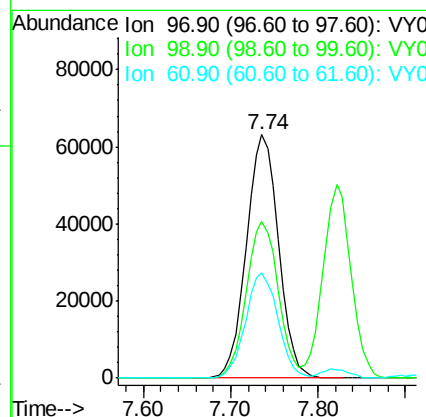
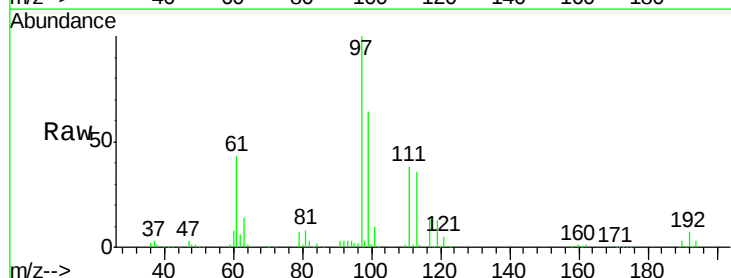
Manual Integrations
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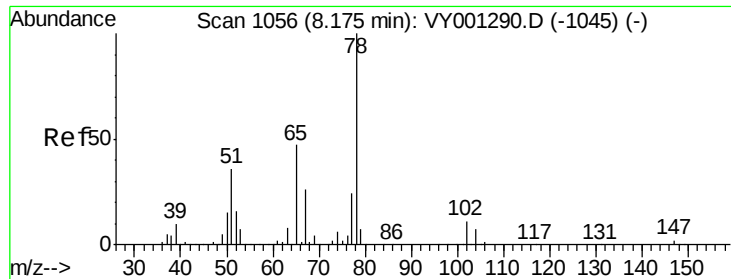
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#32
1,1,1-Trichloroethane
Concen: 47.927 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	43.7	34.6	52.0





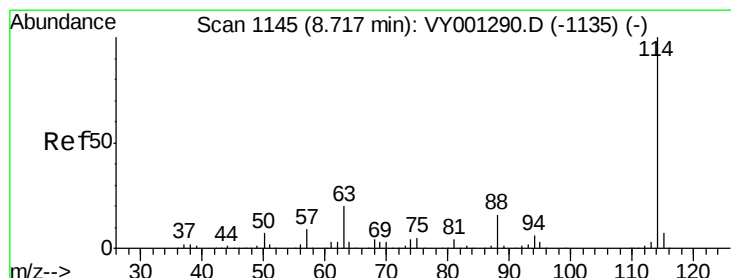
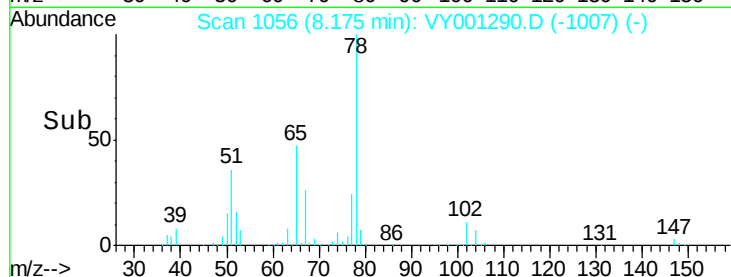
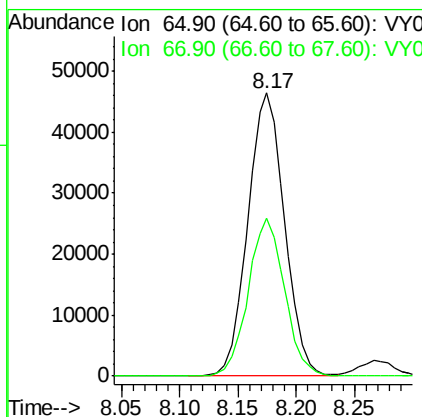
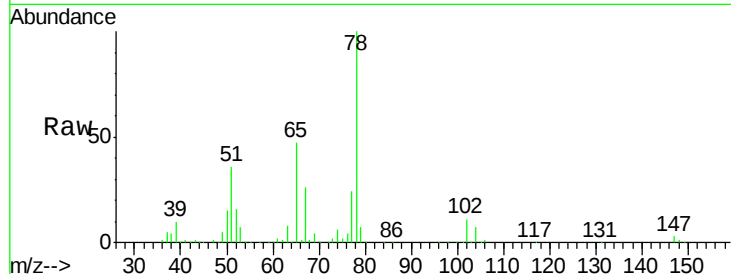
#33
 1,2-Dichloroethane-d4
 Concen: 48.294 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	105.2

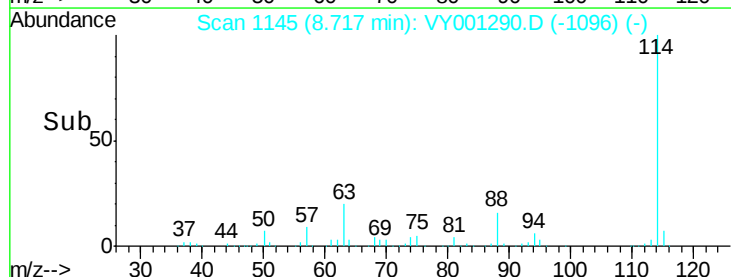
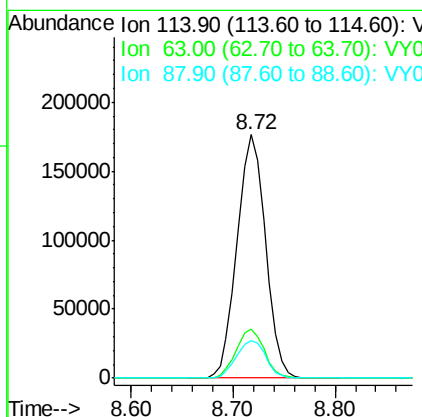
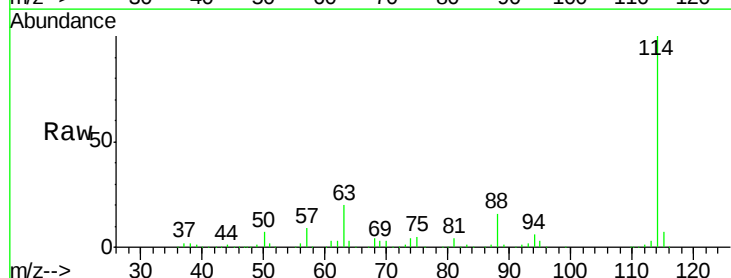
Manual Integrations
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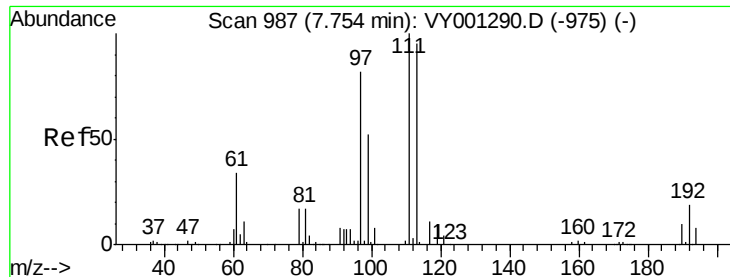
MMDadoda
 1/21/2020 10:59:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.6	0.0	32.4





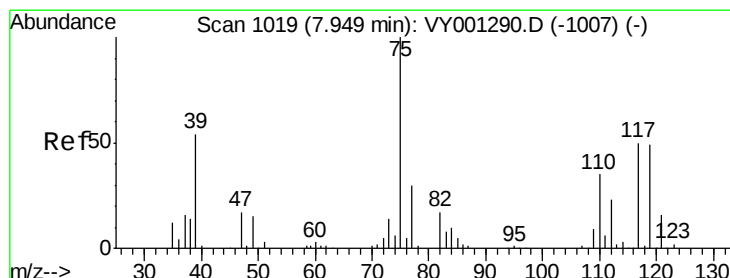
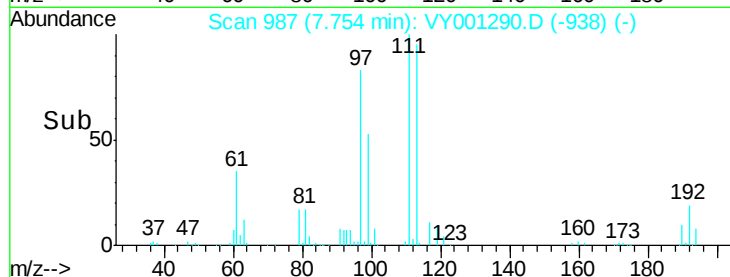
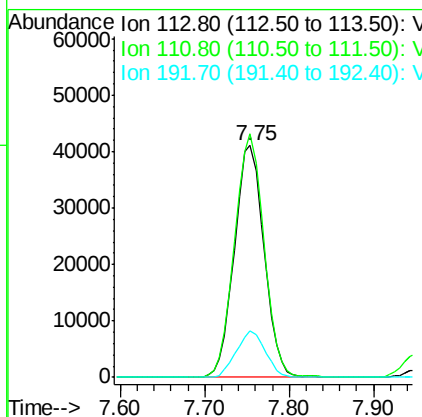
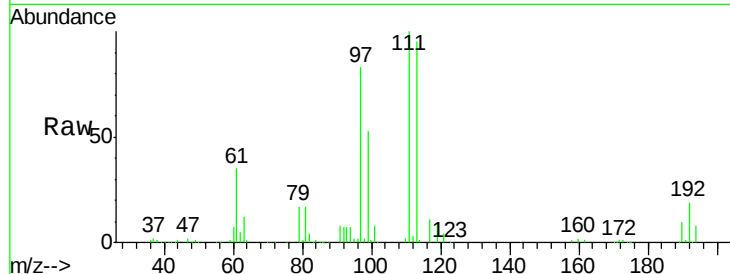
#35
Dibromofluoromethane
Concen: 48.881 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	19.5	15.4	23.2

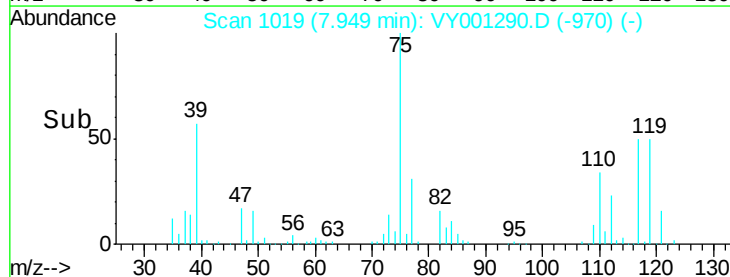
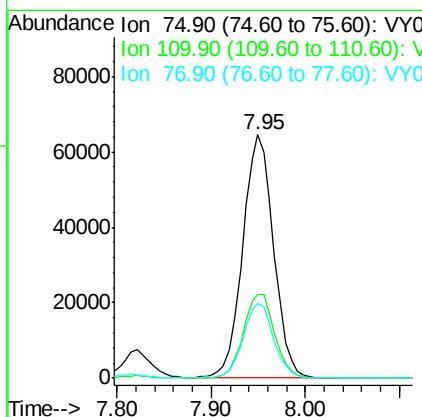
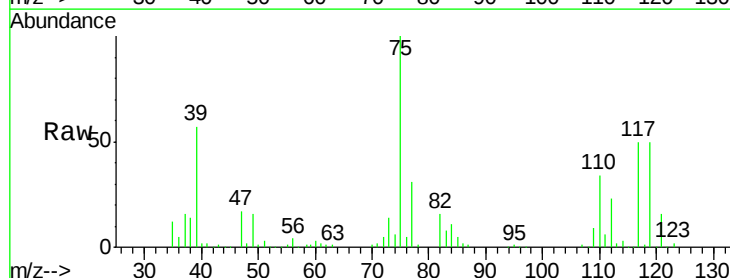
Manual Integrations
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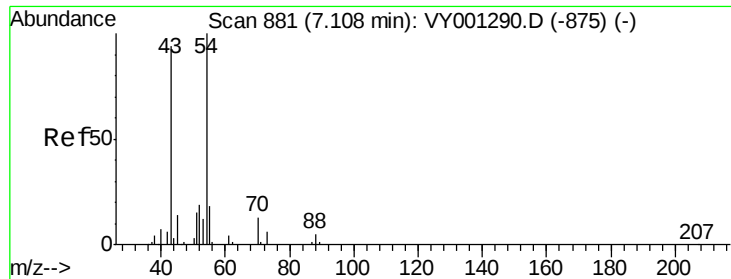
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#36
1,1-Dichloropropene
Concen: 47.532 ug/l
RT: 7.95 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.3	54.8
77	30.7	25.1	37.7





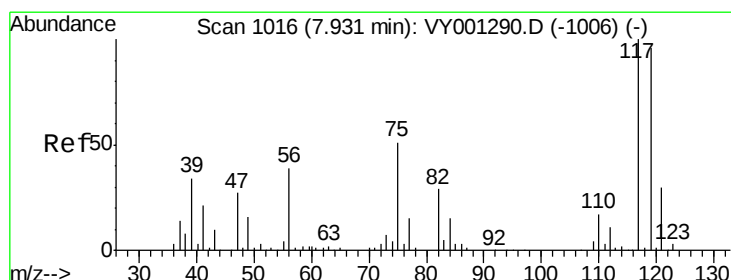
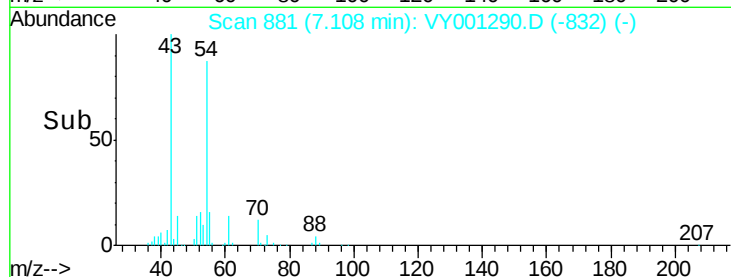
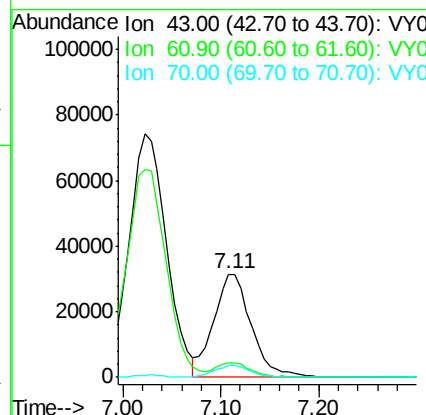
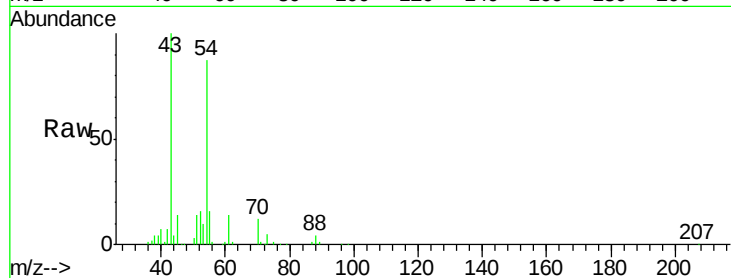
#37
Ethyl Acetate
Concen: 45.462 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	11.6	9.7	14.5

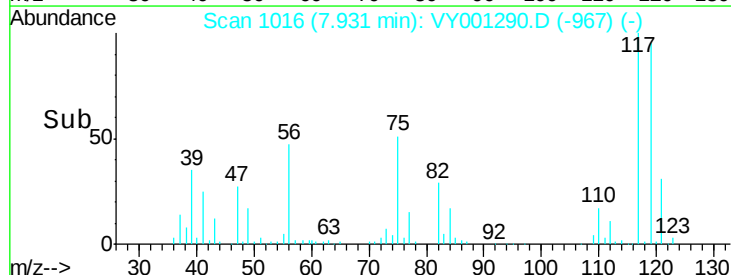
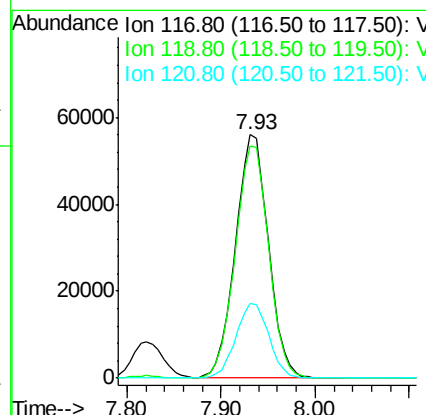
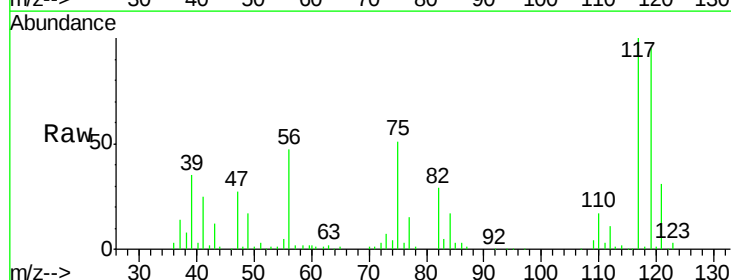
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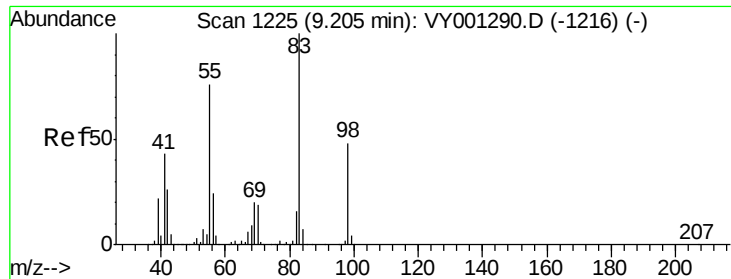
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#38
Carbon Tetrachloride
Concen: 47.890 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.3	117.5
121	30.6	23.5	35.3





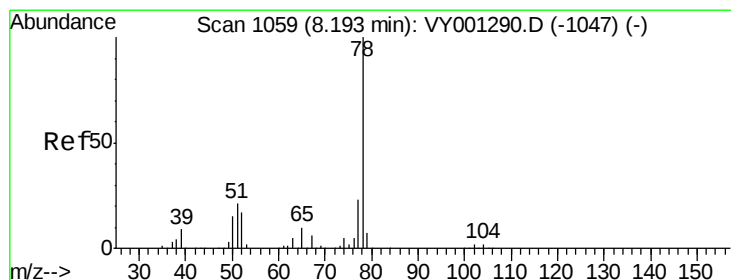
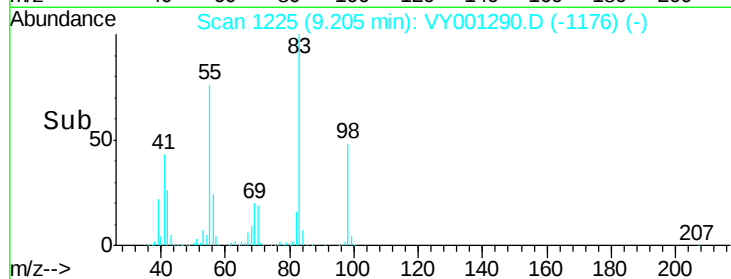
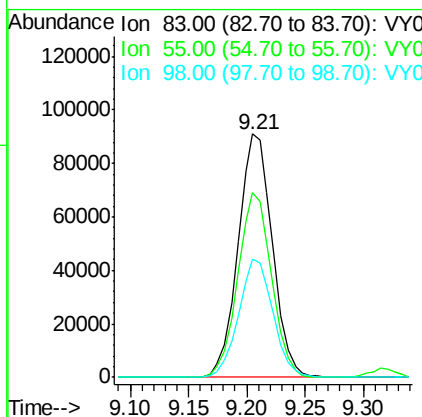
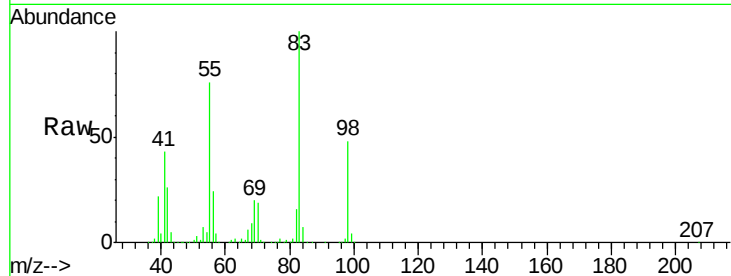
#39
Methylvlcyclohexane
Concen: 44.038 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	186109		
55	75.8		58.9	88.3
98	48.3		38.4	57.6

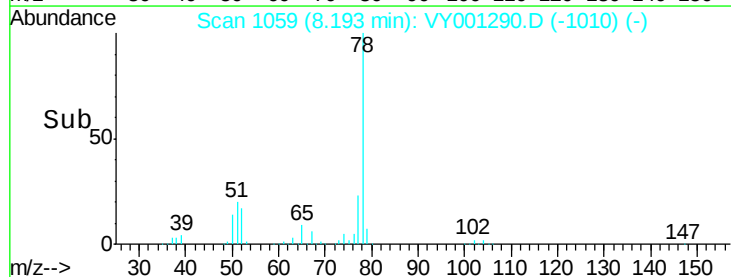
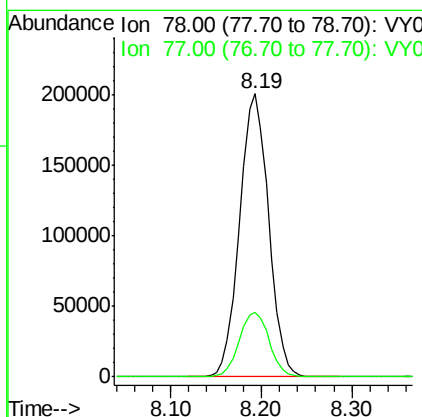
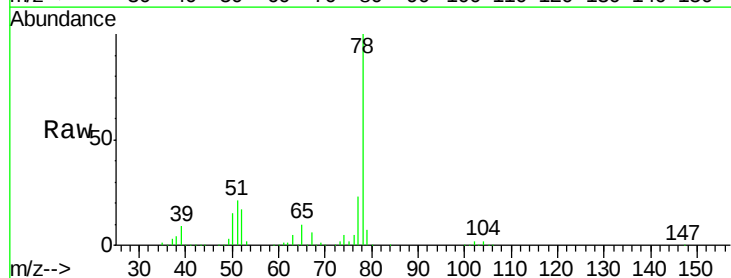
Manual Integrations
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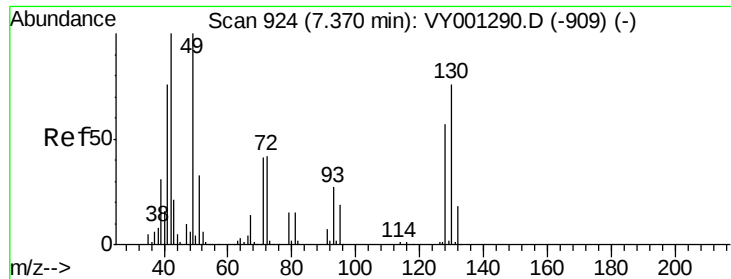
MMDadoda
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#40
Benzene
Concen: 48.935 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	445278		
77	22.9		18.8	28.2





#41

Methacrylonitrile

Concen: 53.188 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 45707

Ion Ratio Lower Upper

41 100

39 117.4 103.5 155.3

67 0.0 0.0 0.0

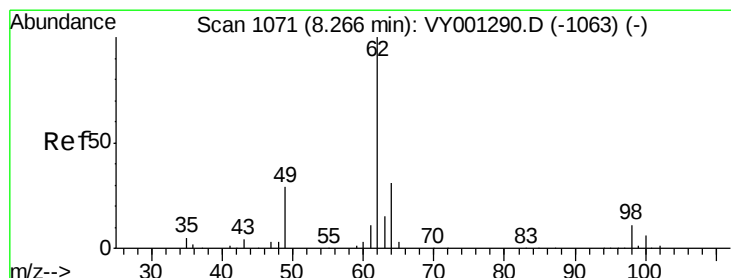
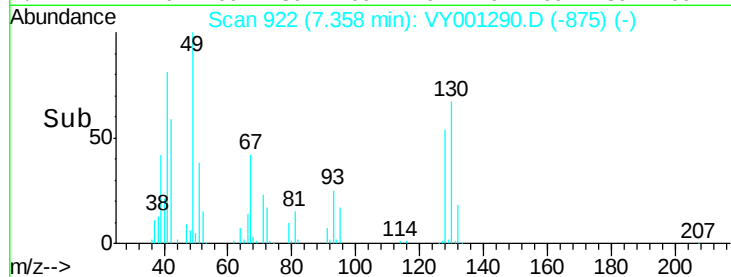
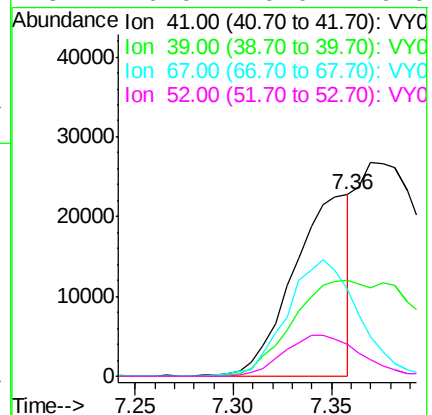
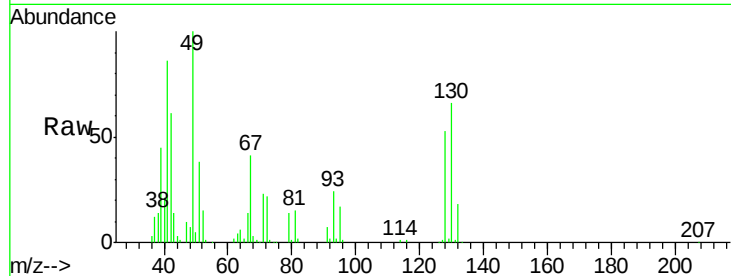
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 48.503 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VY001290.D

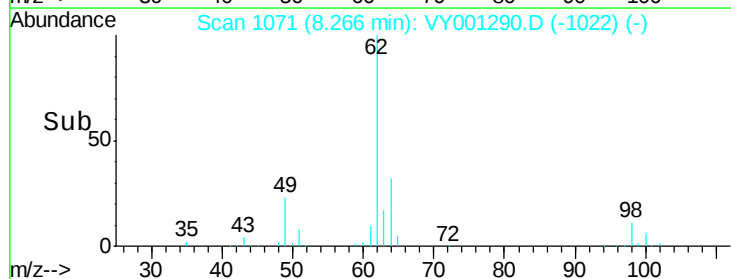
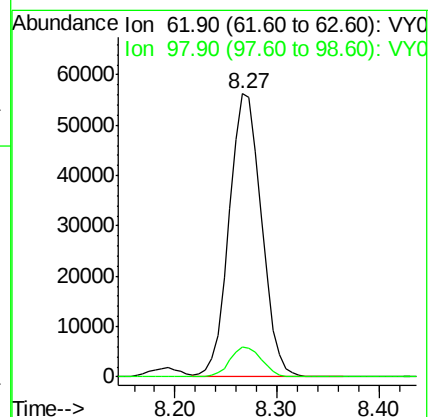
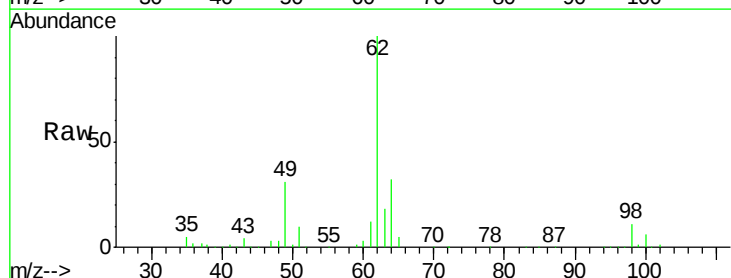
Acq: 20 Jan 2020 12:26

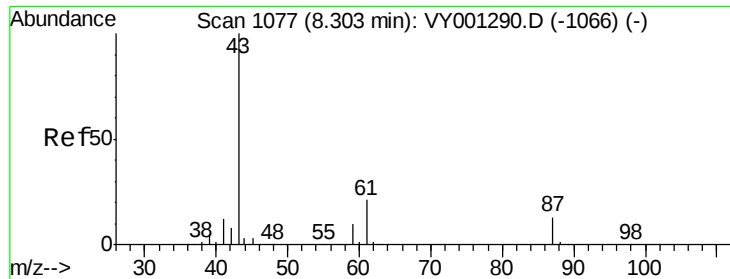
Tgt Ion: 62 Resp: 123582

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 47.911 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

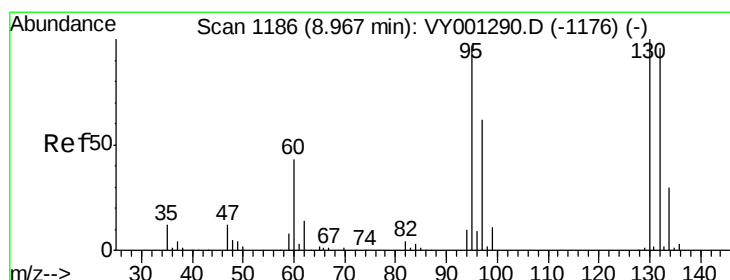
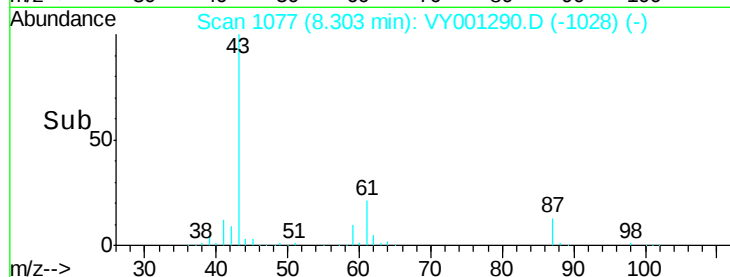
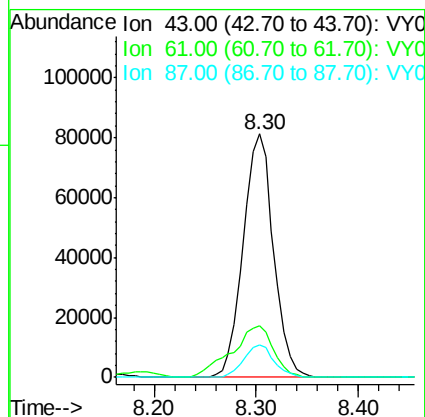
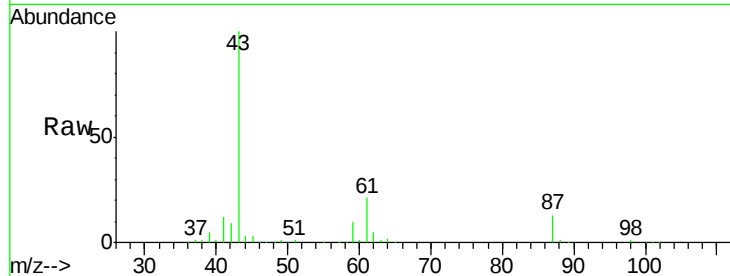
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	167606
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.9	35.9
87	13.4	11.4	17.2

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#44

Trichloroethene

Concen: 48.782 ug/l

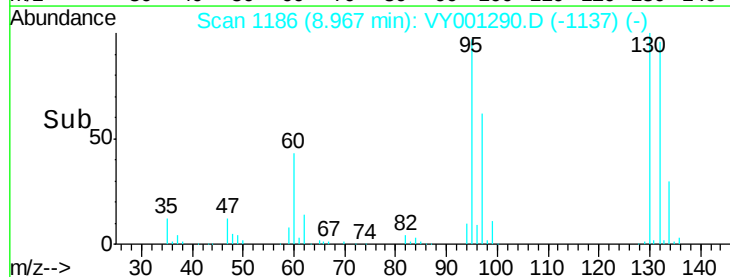
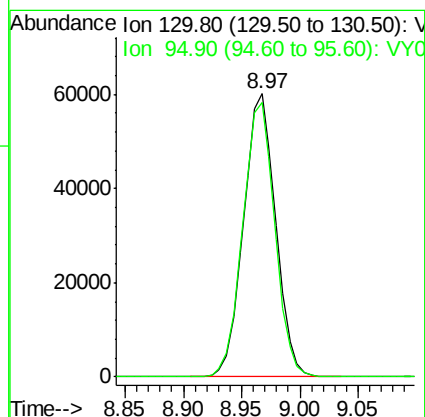
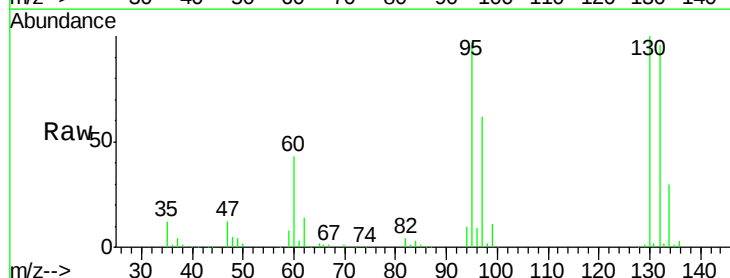
RT: 8.97 min Scan# 1186

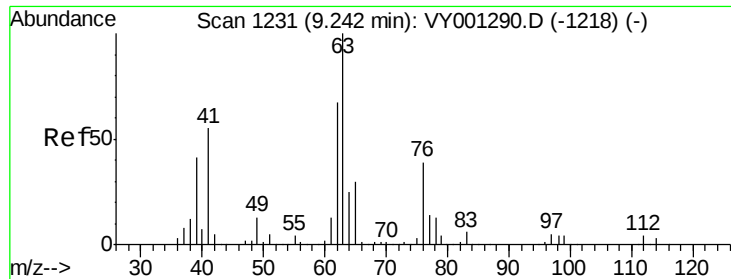
Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion:	130	Resp:	115664
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	197.6





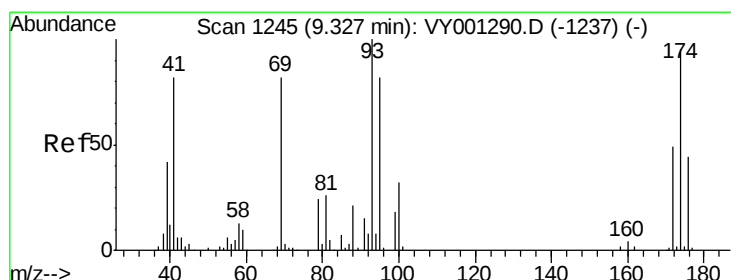
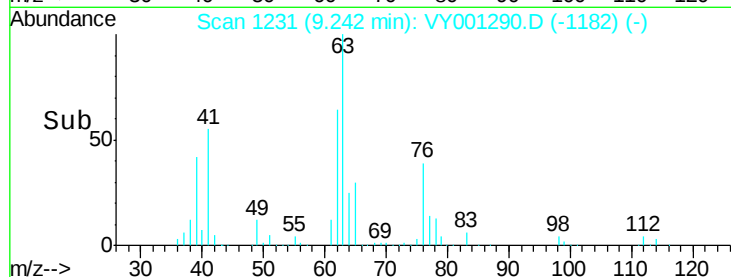
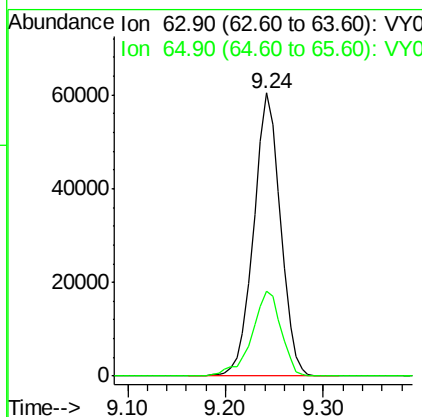
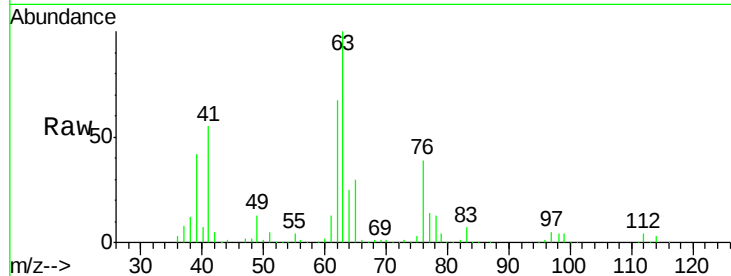
#45
 1,2-Dichloropropane
 Concen: 51.027 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 114787
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.8 38.8

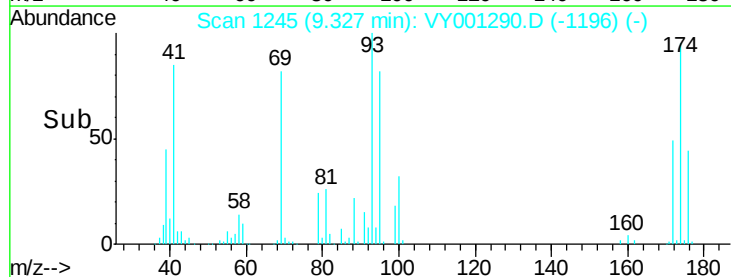
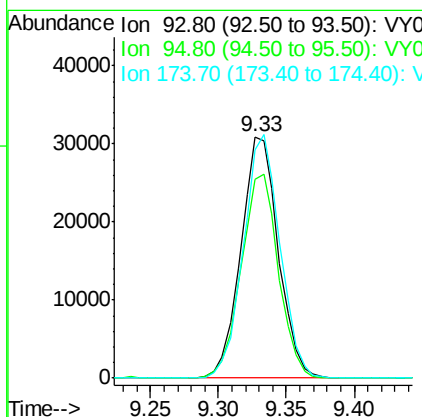
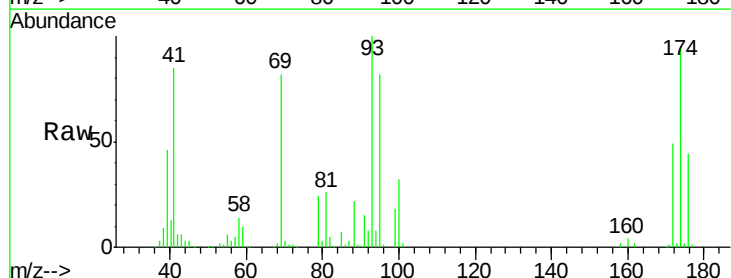
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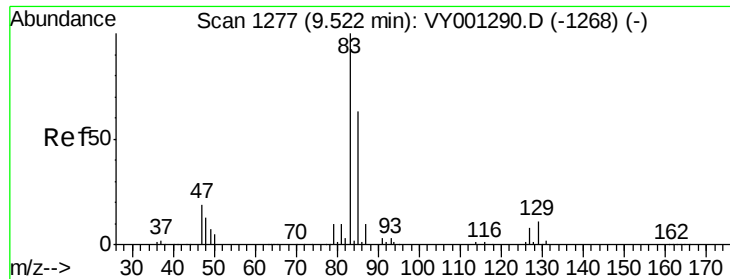
MMDadoda
 1/21/2020 10:59:47 AM



#46
 Dibromomethane
 Concen: 48.344 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 93 Resp: 59337
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.8 100.2
 174 98.9 78.4 117.6





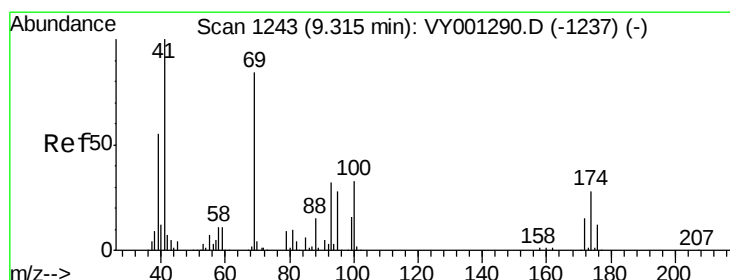
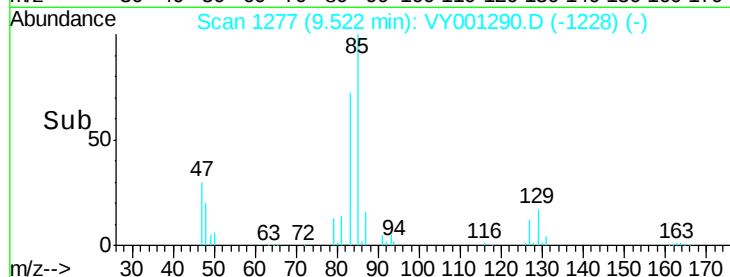
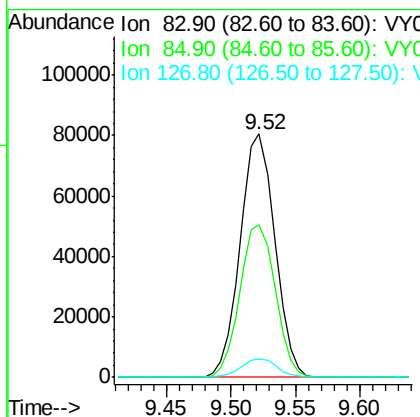
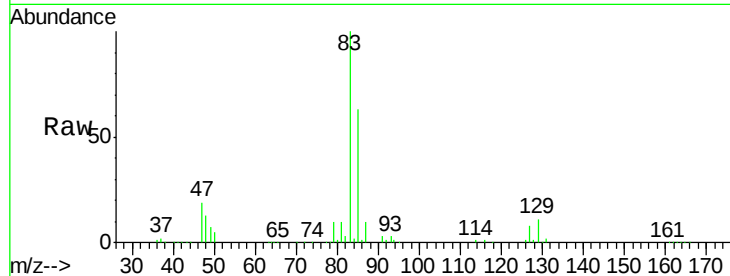
#47
Bromodichloromethane
Concen: 50.220 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	150222
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	51.5	77.3
127	7.7	6.3	9.5

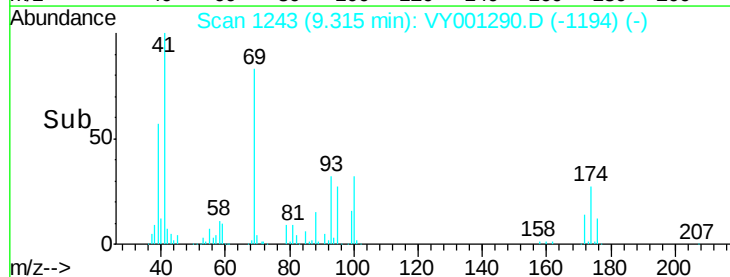
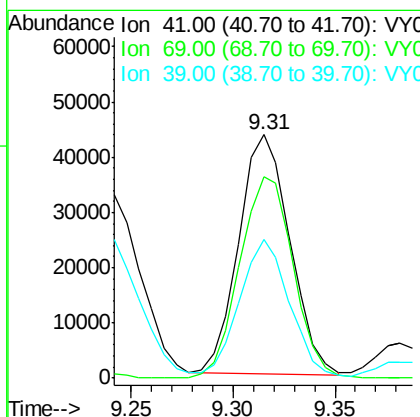
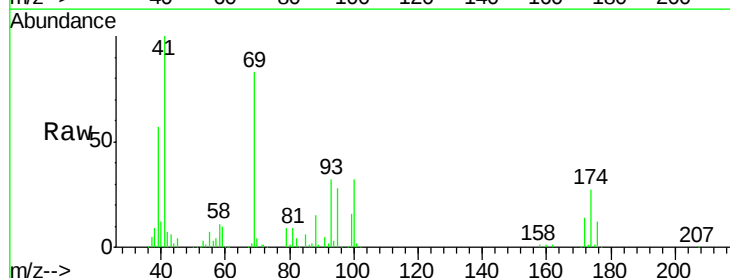
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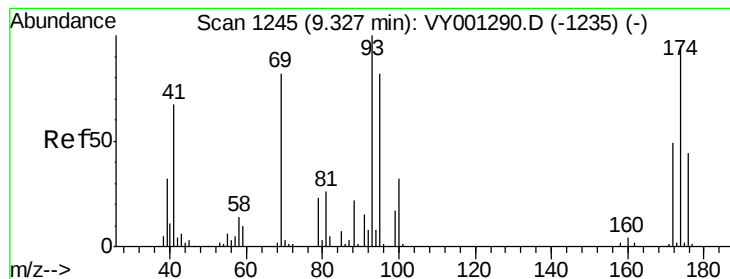
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#48
Methyl methacrylate
Concen: 46.684 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	41	Resp	75573
Ion Ratio	100	Lower	Upper
41	100		
69	88.1	69.8	104.8
39	57.0	45.2	67.8





#49

1,4-Dioxane

Concen: 1074.626 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

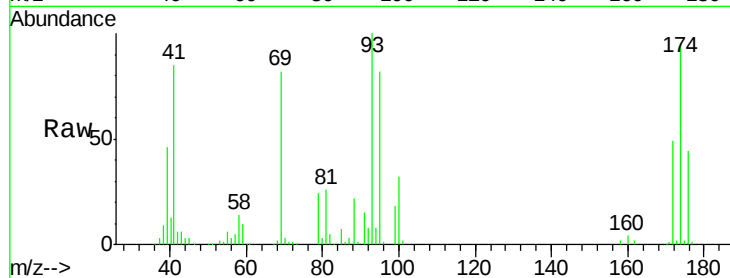
ClientSampleId :

VSTDCCC050

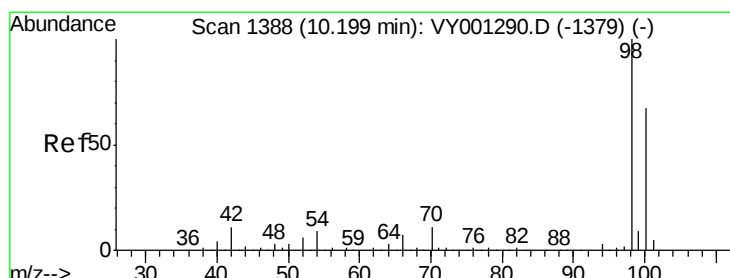
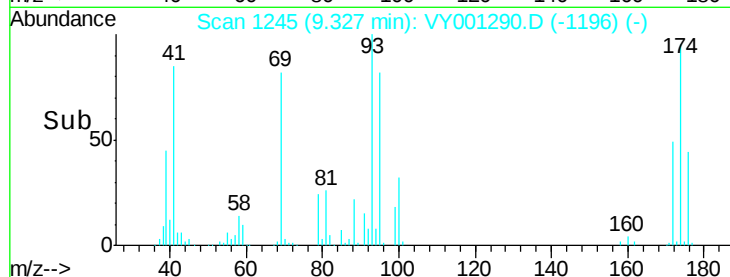
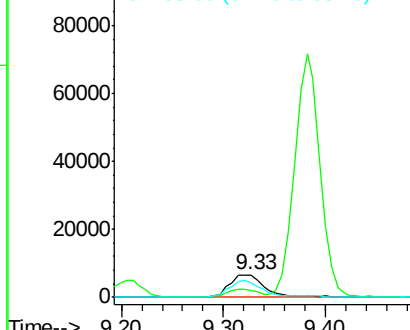
Tot Ion:	88	Resp:	16063
Ion	Ratio	Lower	Upper
88	100		
43	31.5	22.4	33.6
58	70.5	58.0	87.0

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Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.292 ug/l

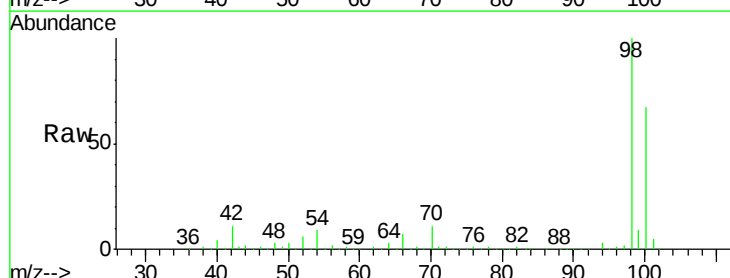
RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

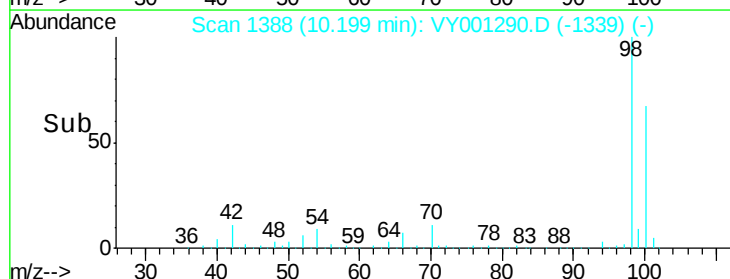
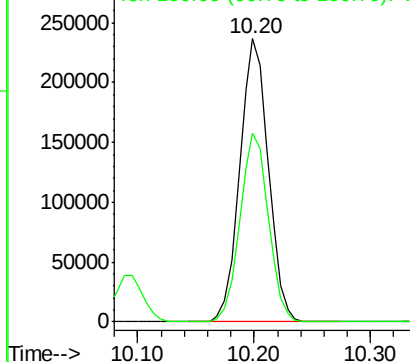
Lab File: VY001290.D

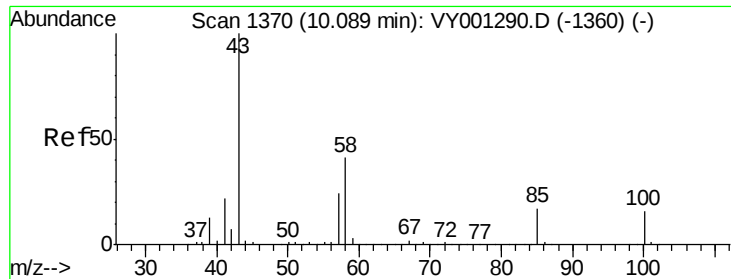
Acq: 20 Jan 2020 12:26

Tgt Ion:	98	Resp:	403478
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





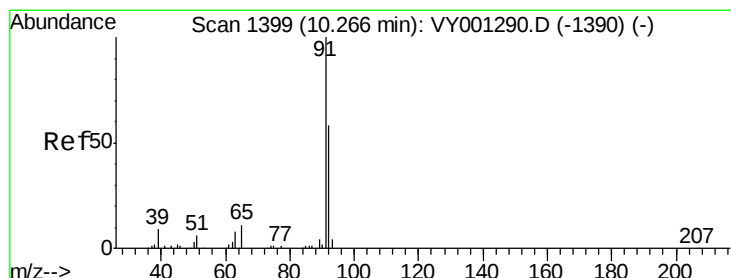
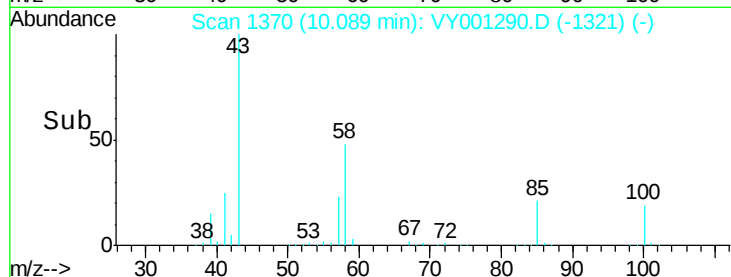
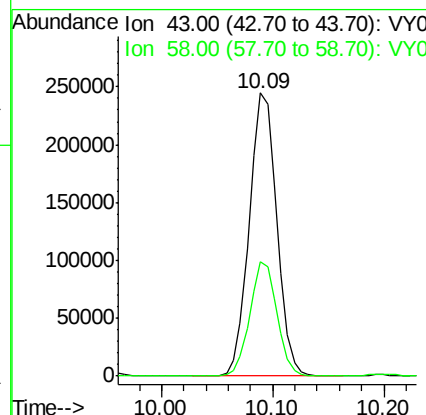
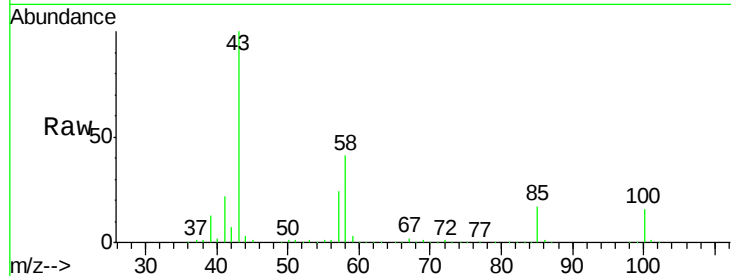
#51
4-Methyl-2-Pentanone
Concen: 237.156 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.3	48.5

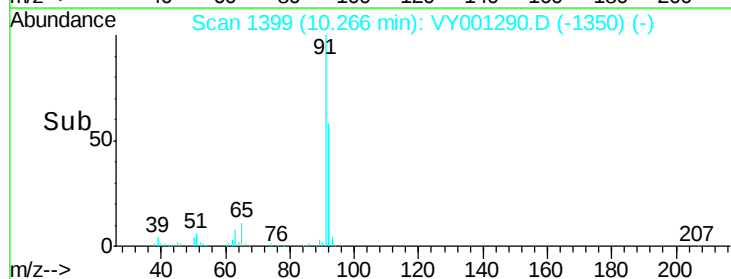
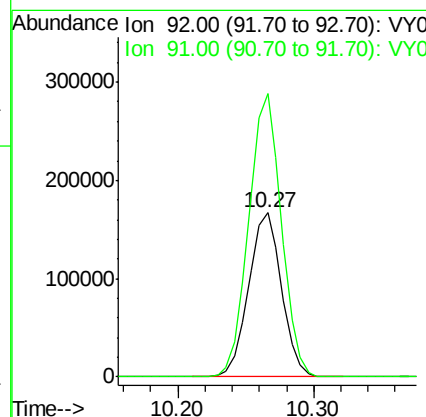
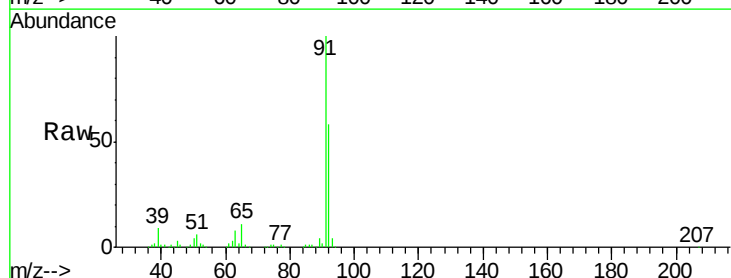
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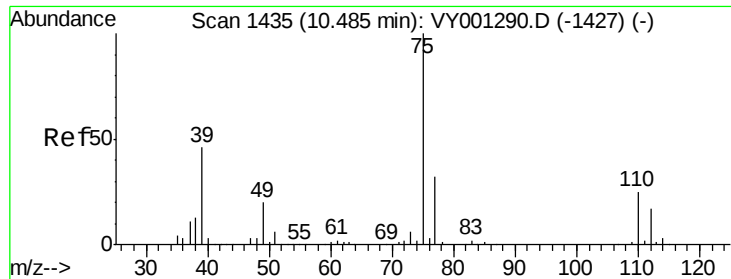
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#52
Toluene
Concen: 48.576 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	136.6	204.8





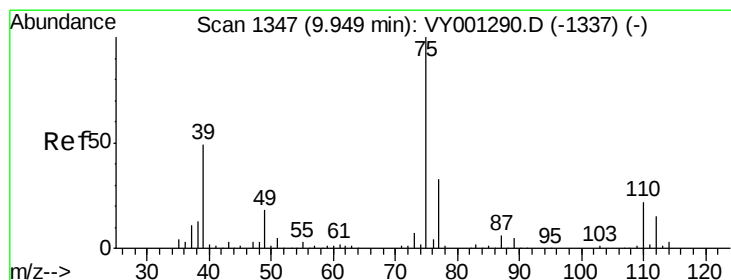
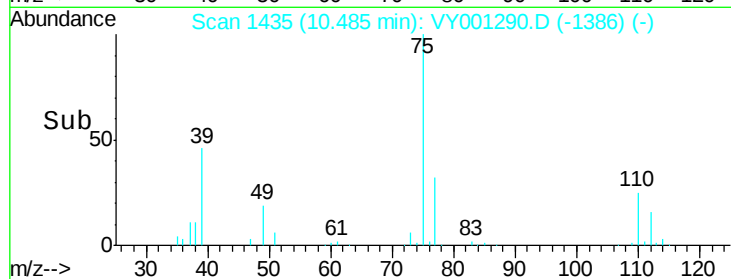
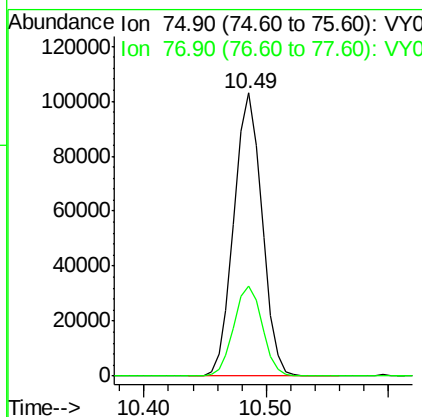
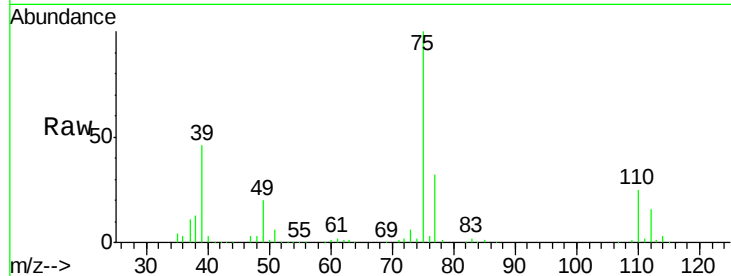
#53
 t-1,3-Dichloropropene
 Concen: 48.890 ug/l
 RT: 10.49 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 163648
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2

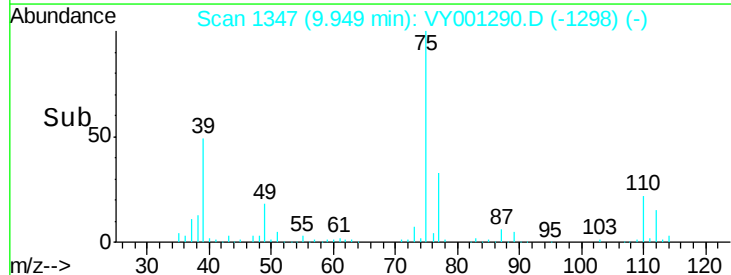
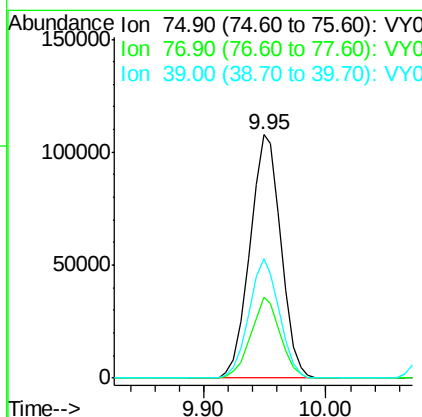
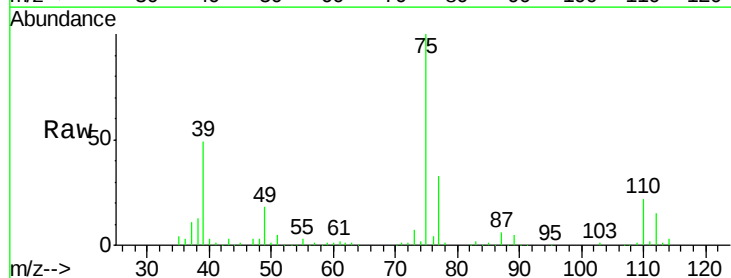
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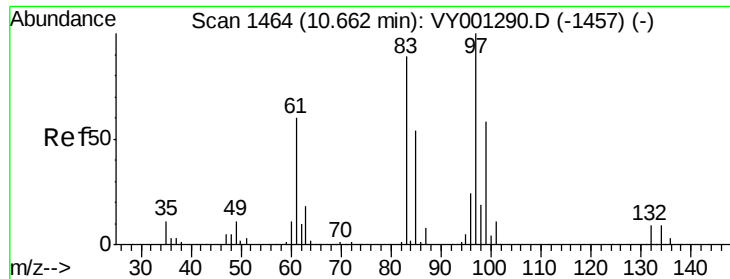
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#54
 cis-1,3-Dichloropropene
 Concen: 50.250 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 75 Resp: 189637
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.3 37.9
 39 48.8 39.1 58.7





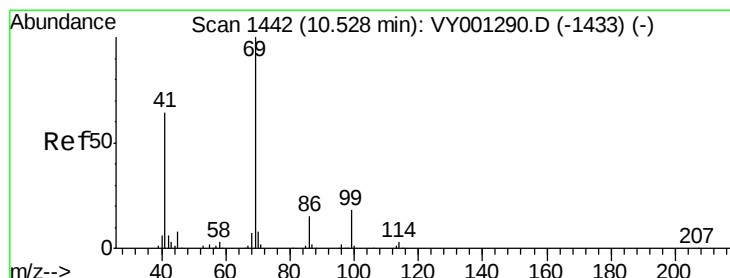
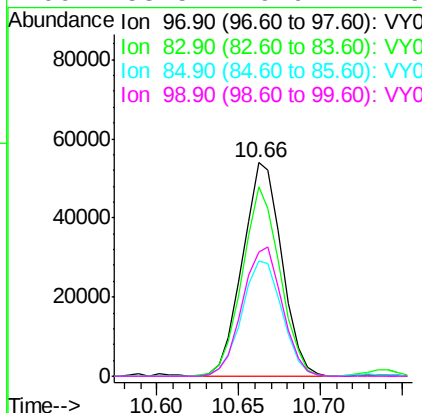
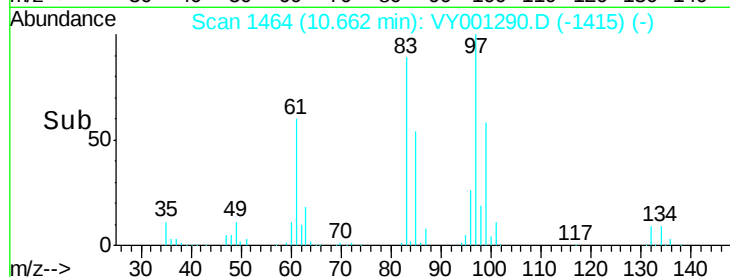
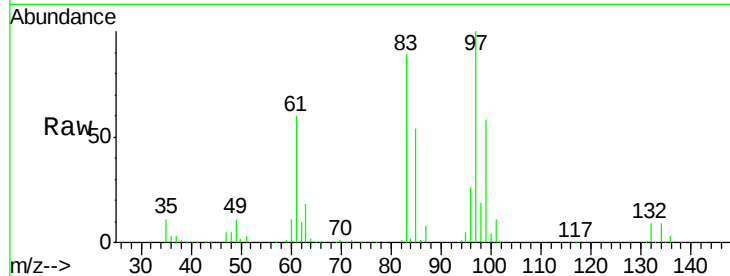
#55
 1,1,2-Trichloroethane
 Concen: 49.494 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90060		
83	88.8	67.2	100.8		
85	54.0	44.9	67.3		
99	58.5	49.9	74.9		

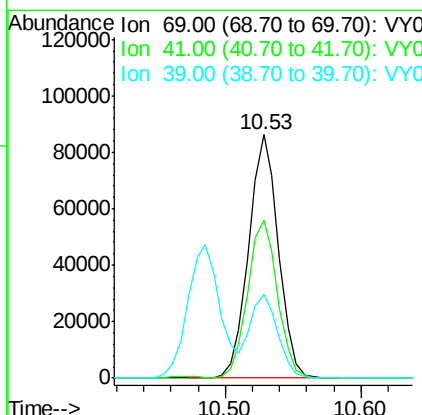
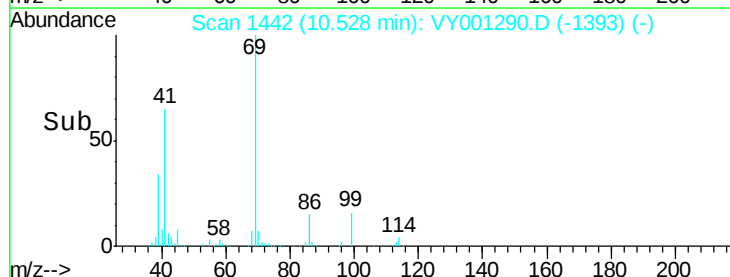
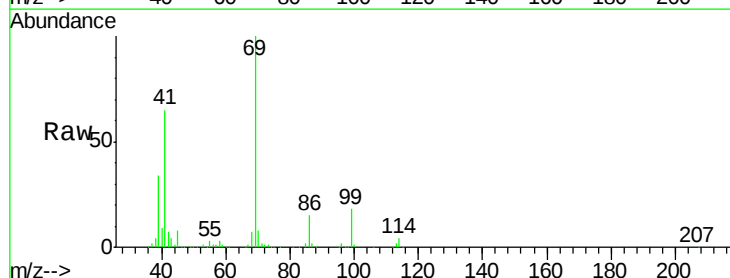
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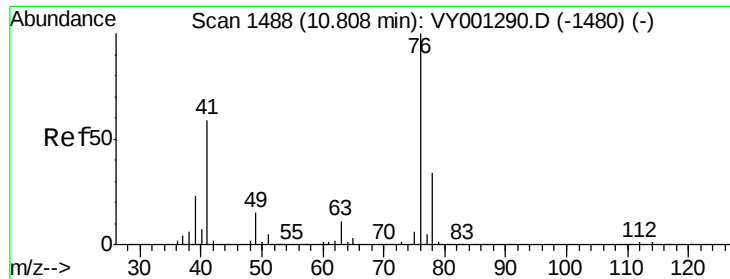
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#56
 Ethyl methacrylate
 Concen: 47.309 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		131682		
41	65.0	51.4	77.2		
39	32.5	26.3	39.5		





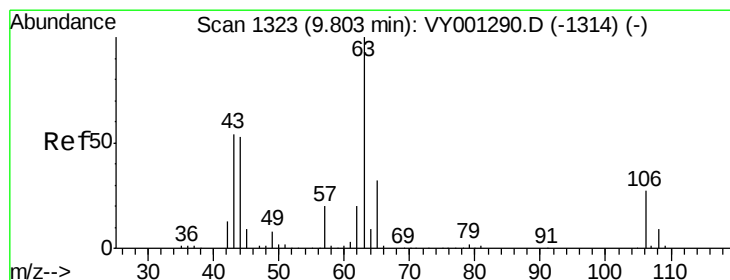
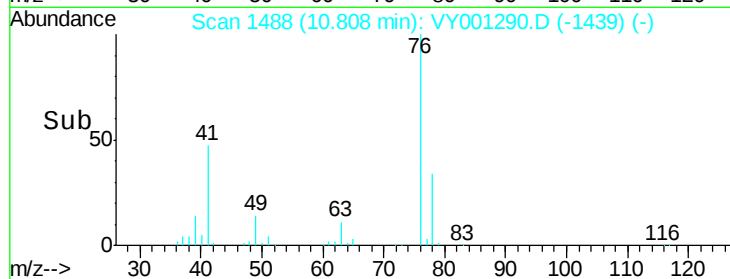
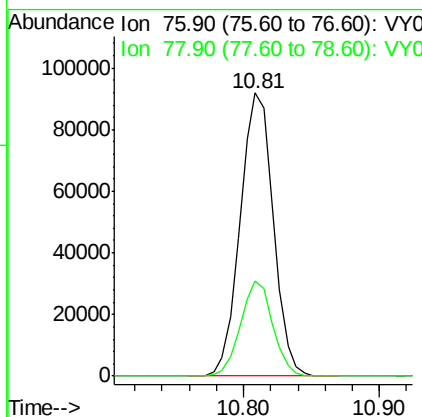
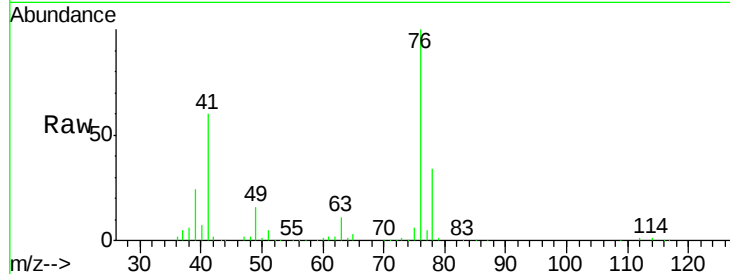
#57
 1,3-Dichloropropane
 Concen: 49.892 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 155852
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

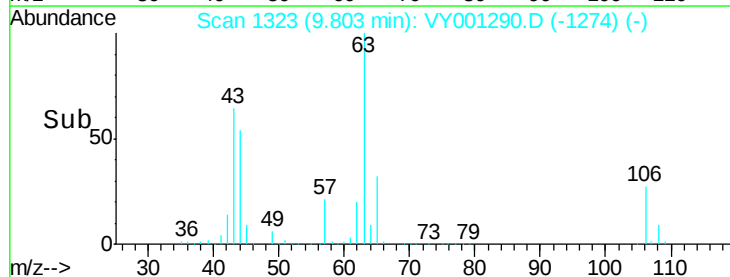
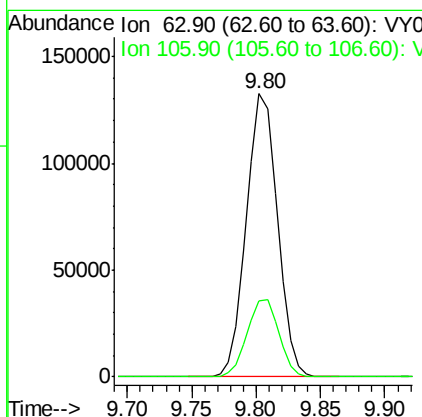
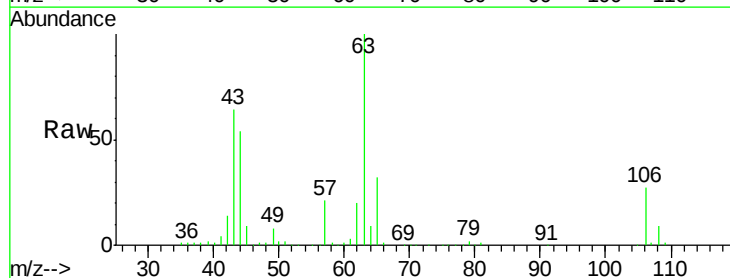
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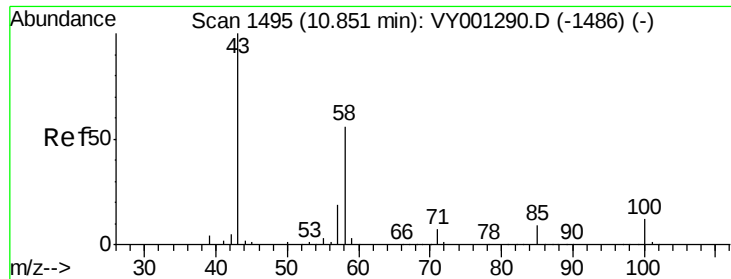
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.071 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 63 Resp: 221314
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.0 34.6





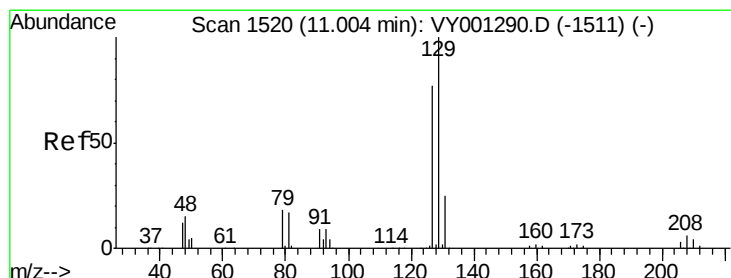
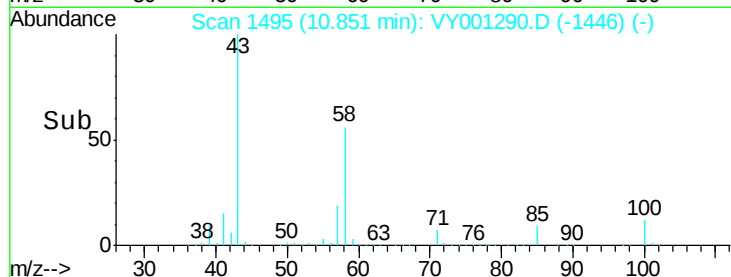
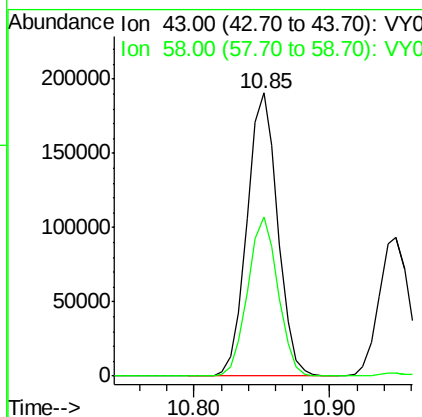
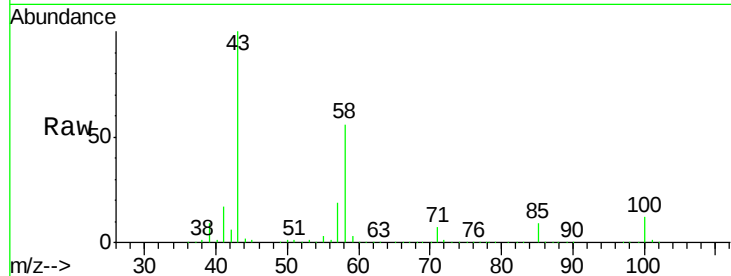
#59
2-Hexanone
Concen: 242.595 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 301790
Ion Ratio Lower Upper
43 100
58 55.4 28.4 85.2

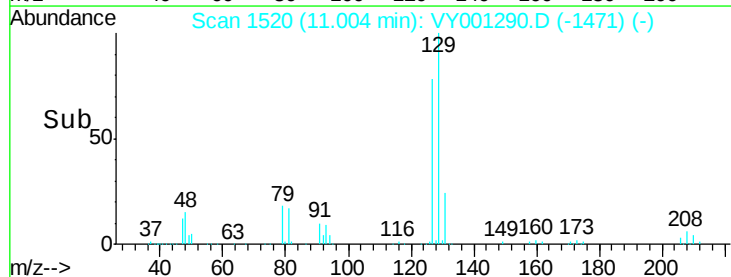
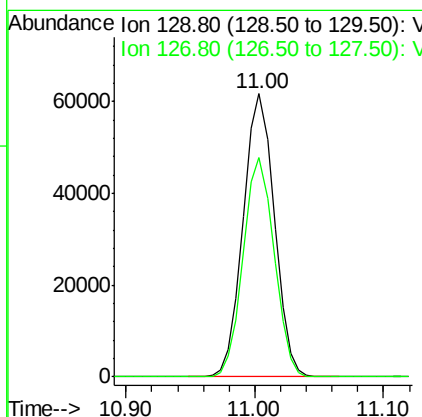
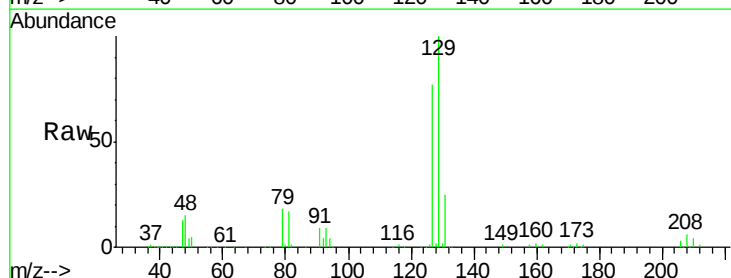
Manual Integrations
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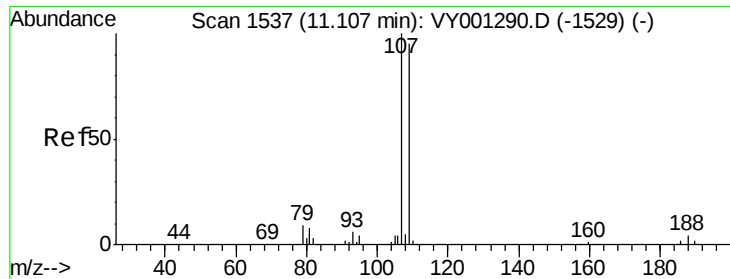
MMDadoda
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#60
Dibromochloromethane
Concen: 49.291 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion: 129 Resp: 103266
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





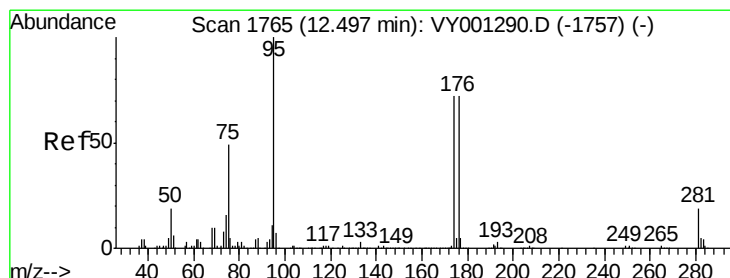
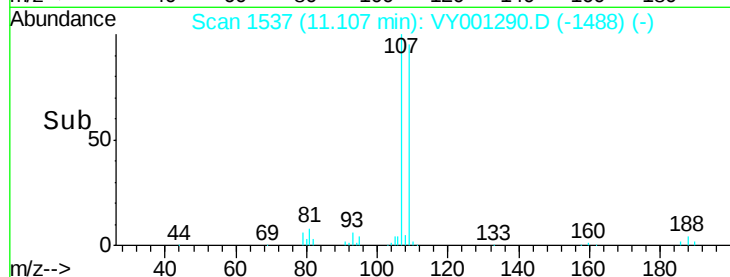
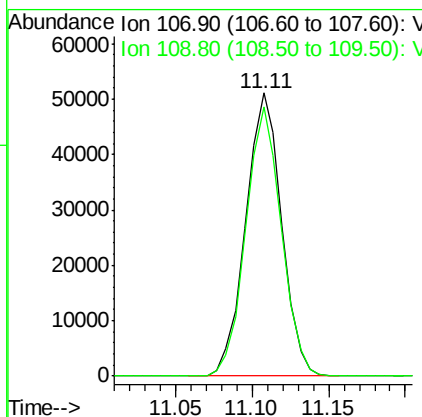
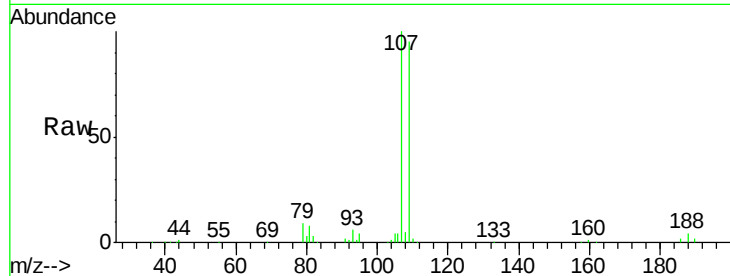
#61
 1,2-Dibromoethane
 Concen: 46.888 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 83307
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0

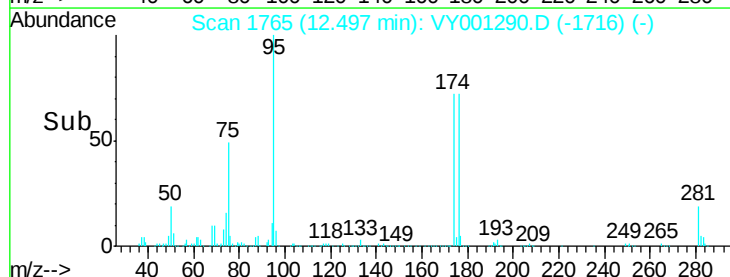
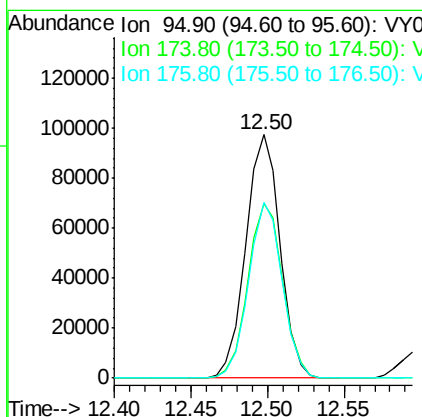
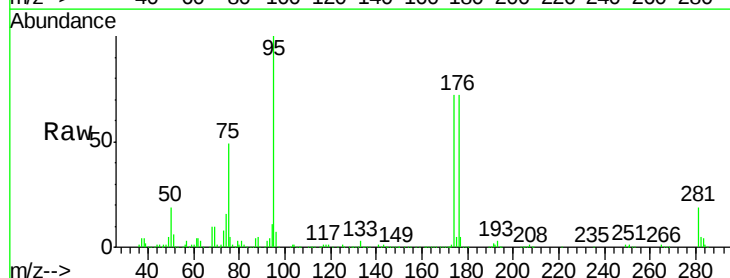
Manual Integrations
 APPROVED

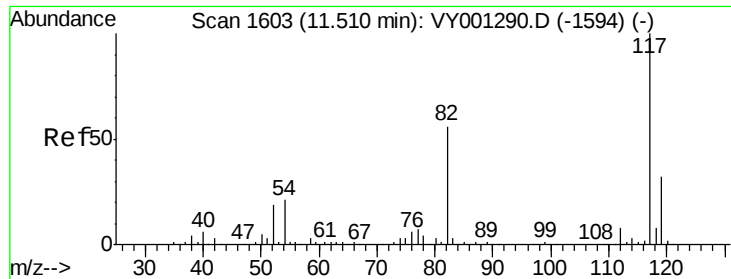
MMDadoda
 1/21/2020 10:59:47 AM



#62
 4-Bromofluorobenzene
 Concen: 47.912 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion: 95 Resp: 151138
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.2
 176 71.2 0.0 136.0





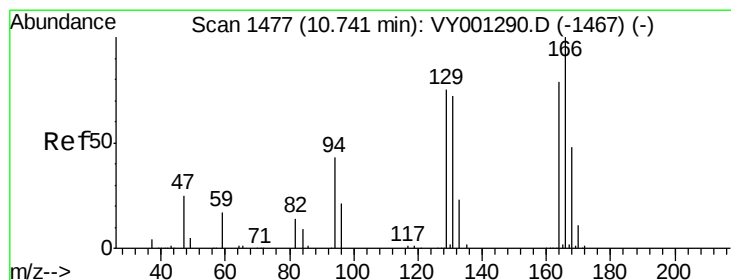
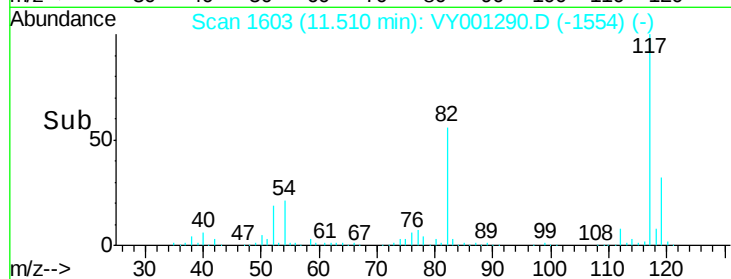
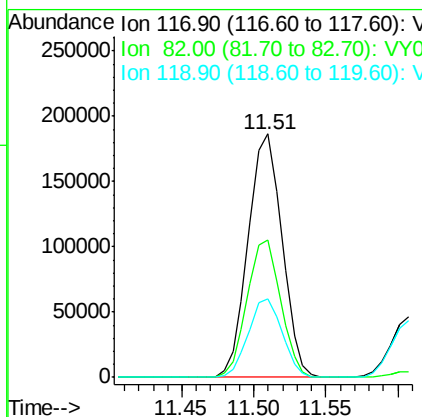
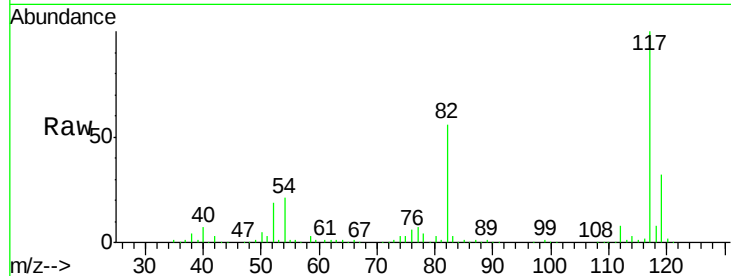
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.9	67.3
119	32.3	25.7	38.5

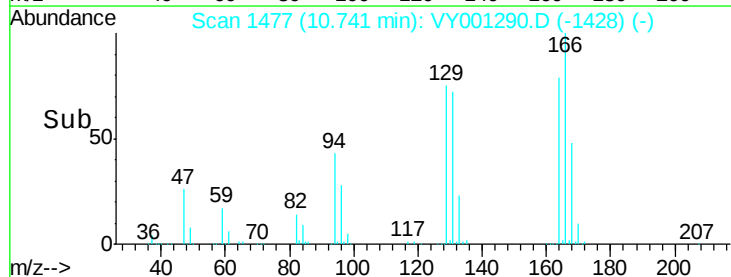
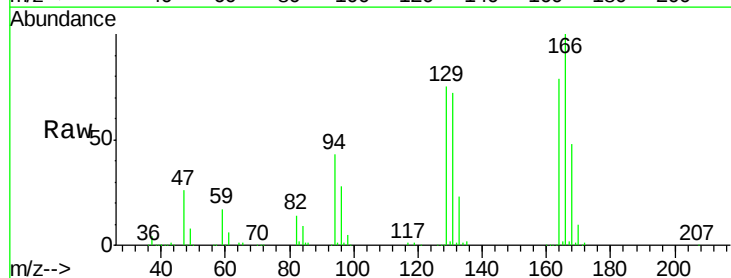
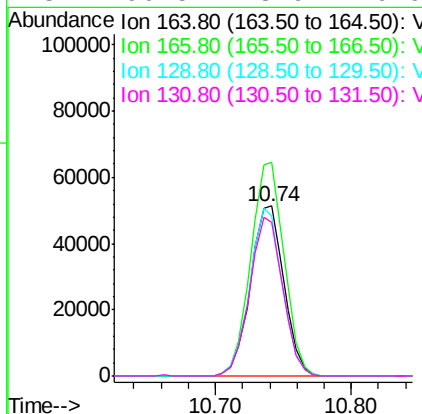
Manual Integrations
APPROVED

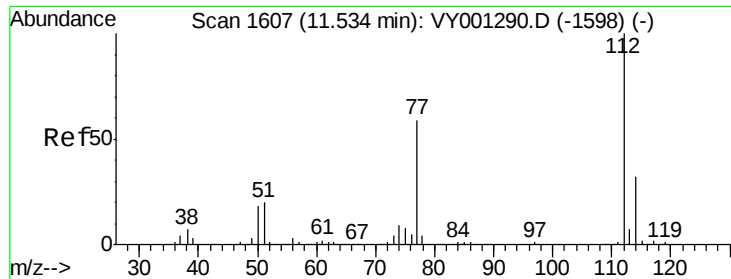
MMDadoda
1/21/2020 10:59:47 AM



#64
Tetrachloroethene
Concen: 45.229 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.3	153.5
129	94.6	76.2	114.4
131	90.5	73.9	110.9





#65

Chlorobenzene

Concen: 49.494 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 300740

Ion Ratio Lower Upper

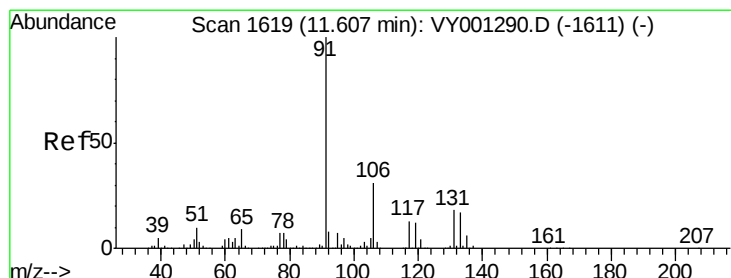
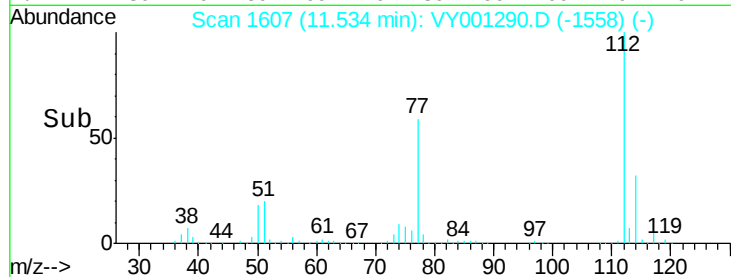
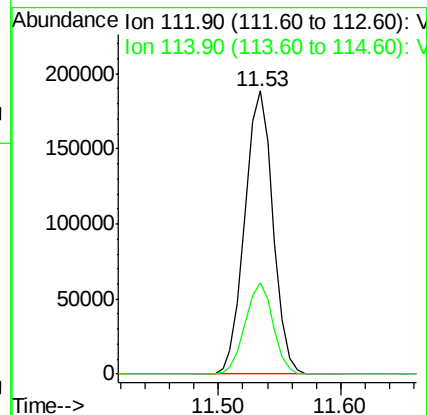
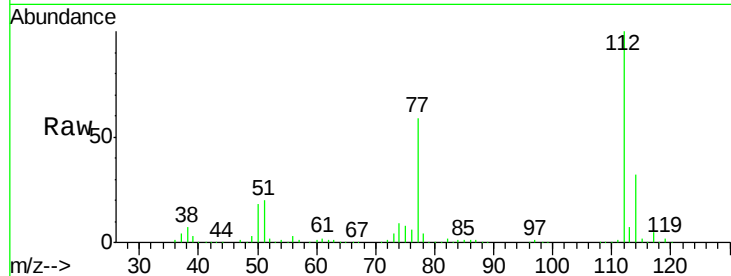
112 100

114 32.1 25.9 38.9

Manual Integrations
APPROVED

MMDadoda

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.781 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

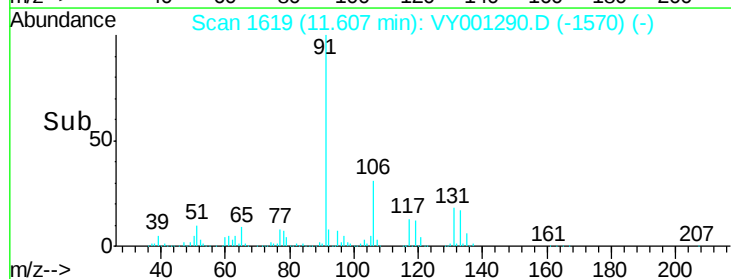
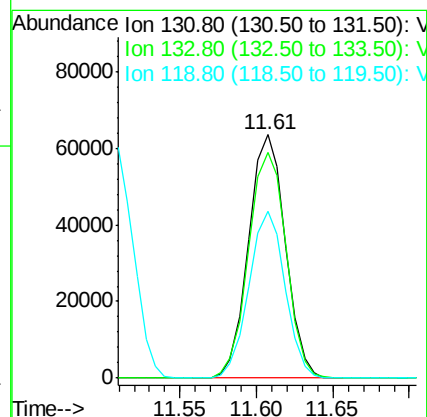
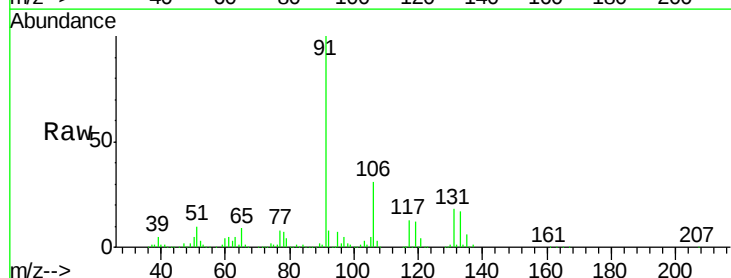
Tgt Ion:131 Resp: 106347

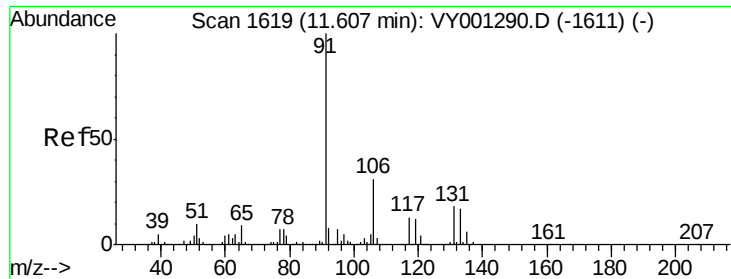
Ion Ratio Lower Upper

131 100

133 94.8 47.3 142.0

119 67.2 33.6 100.8





#67

Ethyl Benzene

Concen: 49.914 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 554817

Ion Ratio Lower Upper

91 100

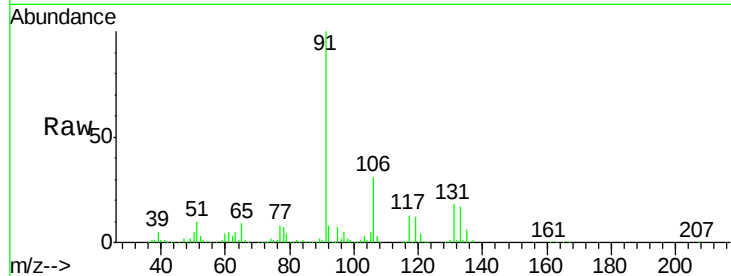
106 31.2 25.3 37.9

Manual Integrations

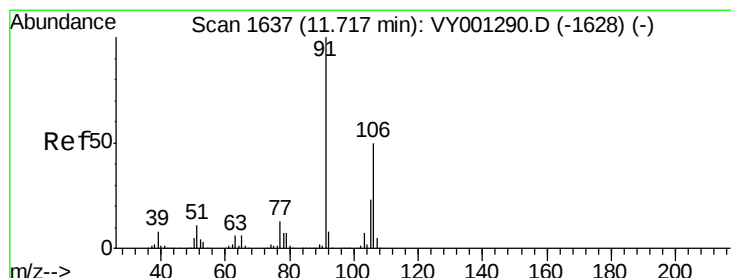
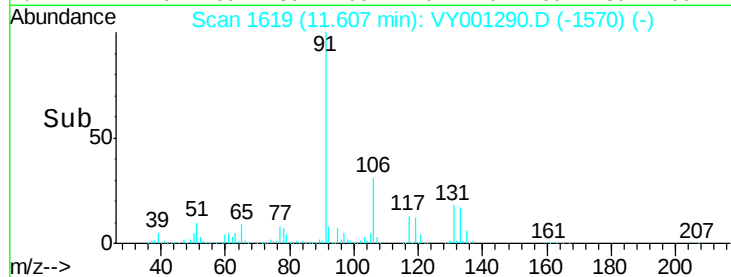
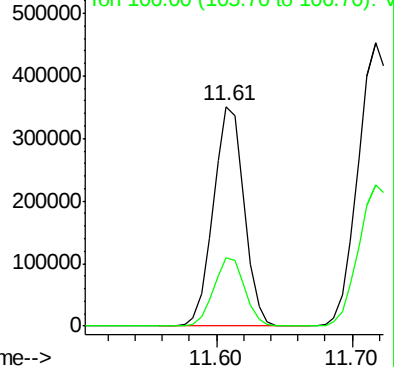
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Abundance Ion 91.00 (90.70 to 91.70): VY001290.D (-1611) (-)



#68

m/p-Xylenes

Concen: 99.884 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VY001290.D

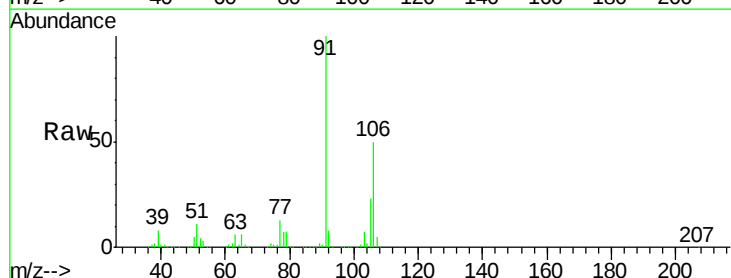
Acq: 20 Jan 2020 12:26

Tgt Ion: 106 Resp: 418821

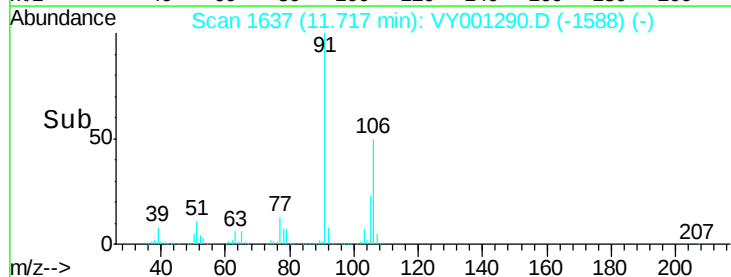
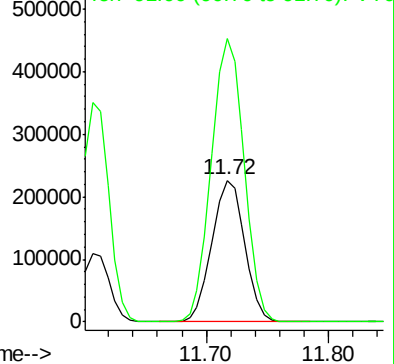
Ion Ratio Lower Upper

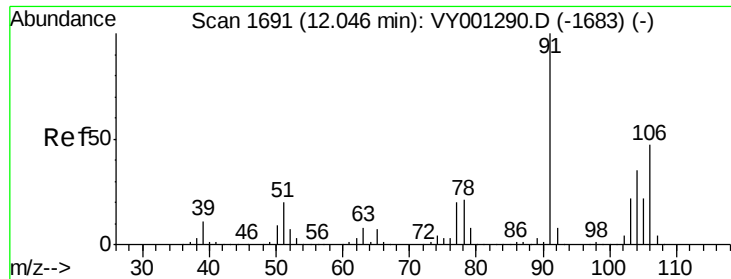
106 100

91 201.0 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): VY001290.D (-1628) (-)





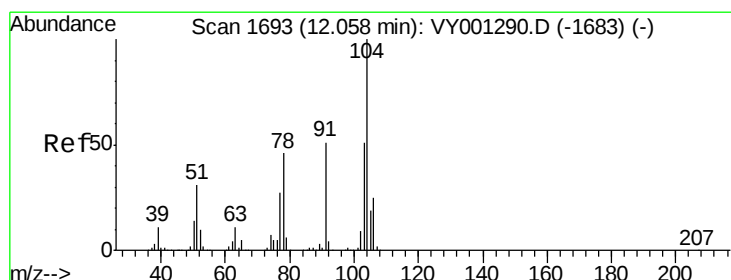
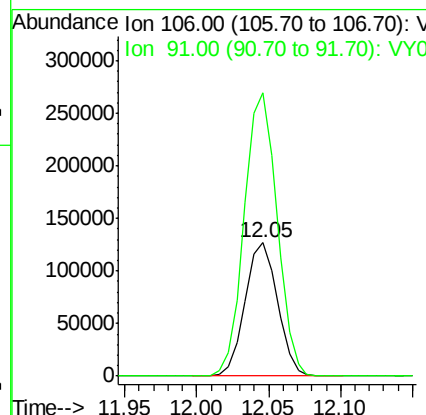
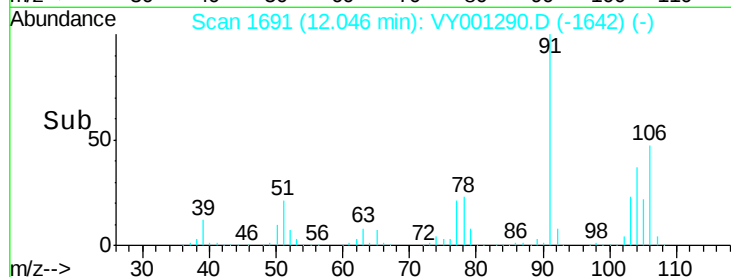
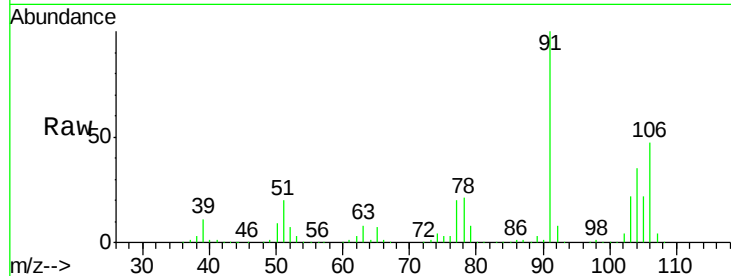
#69
o-Xylene
Concen: 49.245 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 197975
Ion Ratio Lower Upper
106 100
91 215.3 106.3 318.8

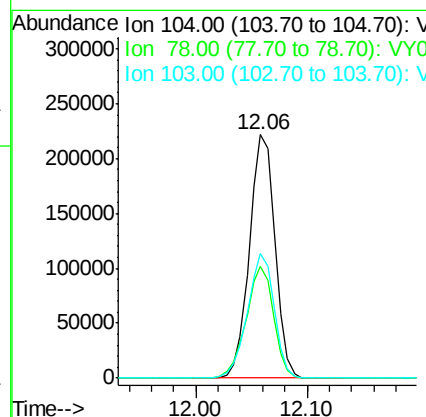
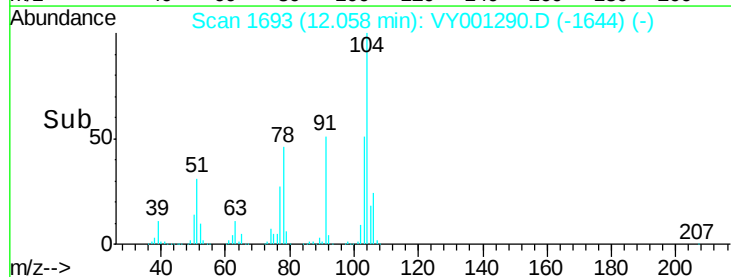
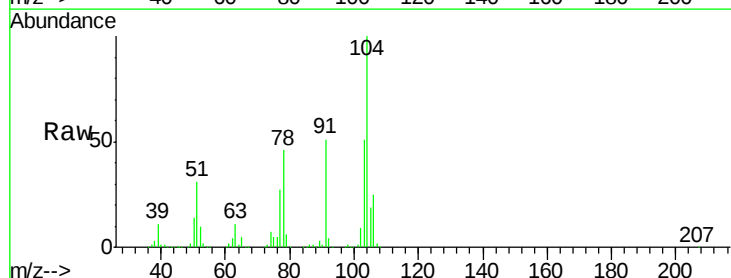
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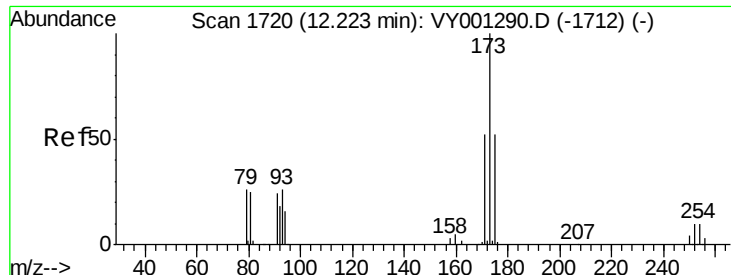
MMDadoda
1/21/2020 10:59:47 AM



#70
Styrene
Concen: 50.166 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion:104 Resp: 353864
Ion Ratio Lower Upper
104 100
78 49.2 40.5 60.7
103 53.6 42.4 63.6





#71

Bromoform

Concen: 46.662 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

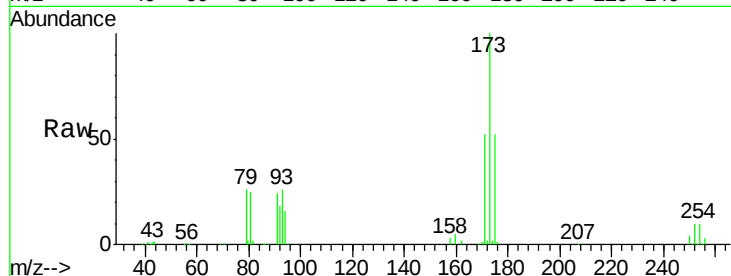
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.1	72.2
254	0.2	0.1	0.1#

Manual Integrations
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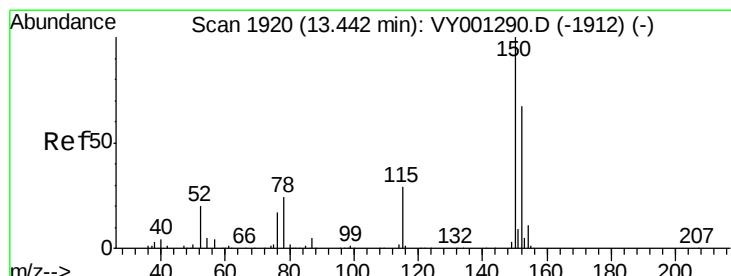
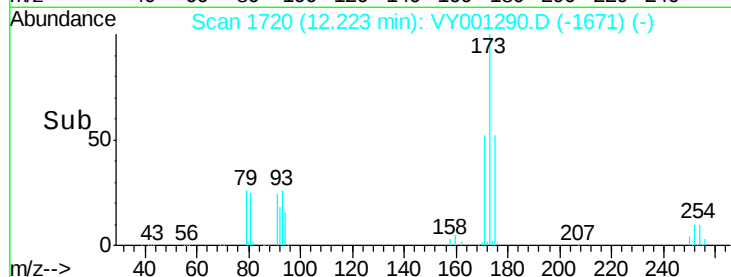
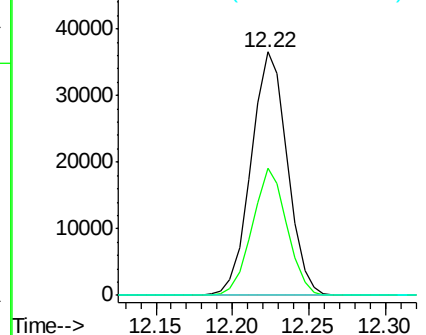


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

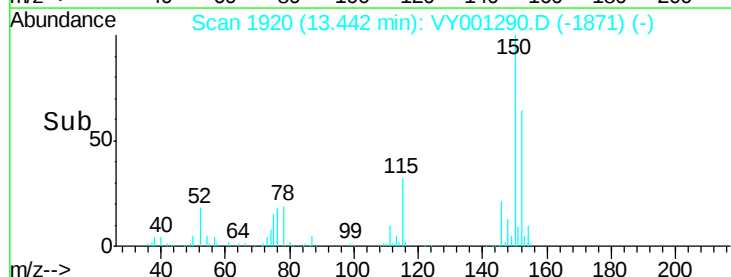
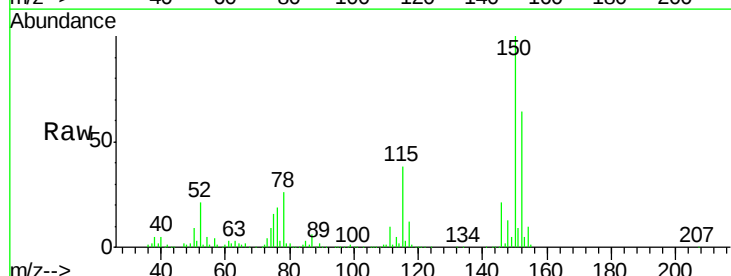
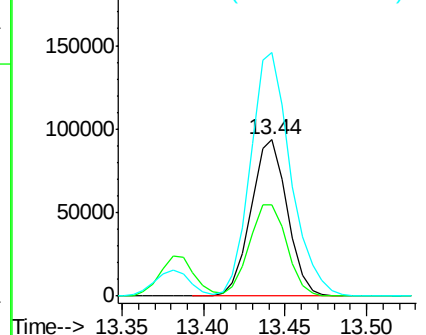
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.9	92.5
150	172.1	0.0	346.8

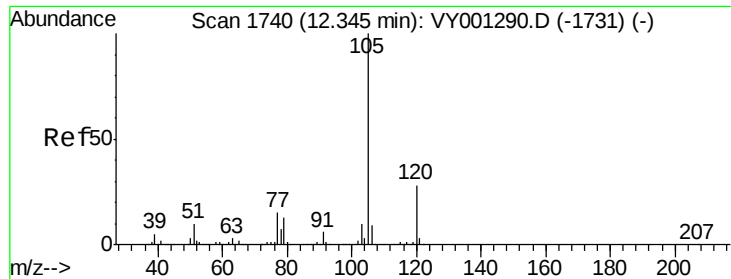
Abundance

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





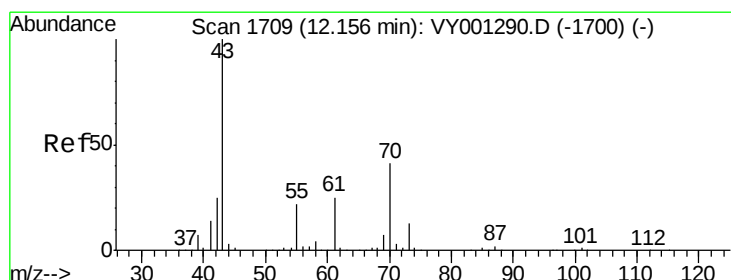
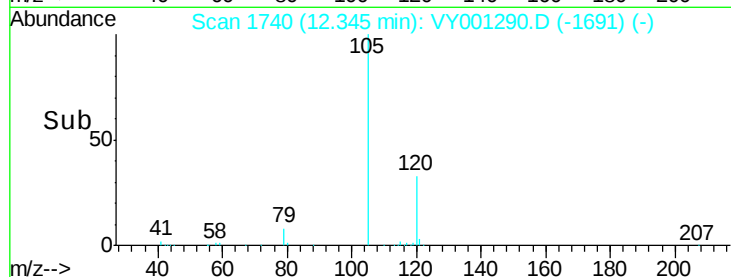
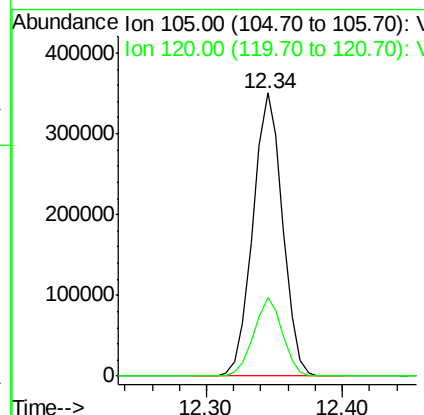
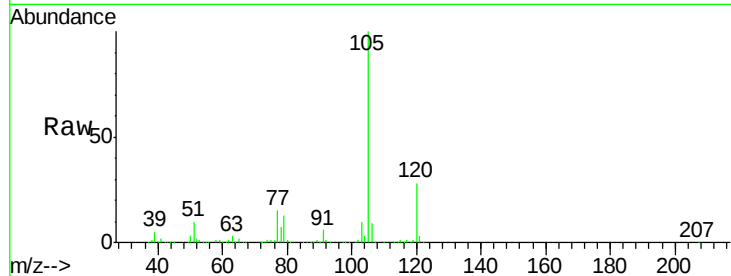
#73
Isopropylbenzene
Concen: 49.174 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.4	40.2

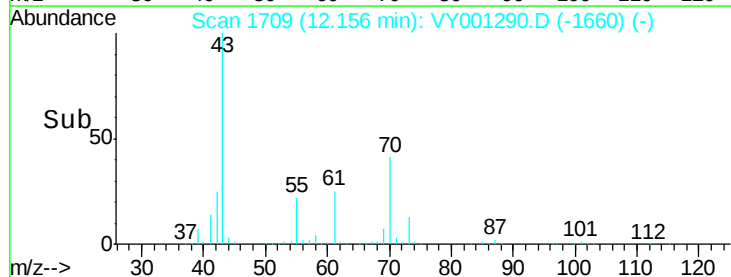
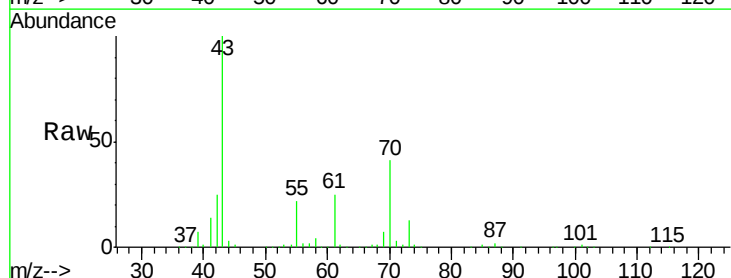
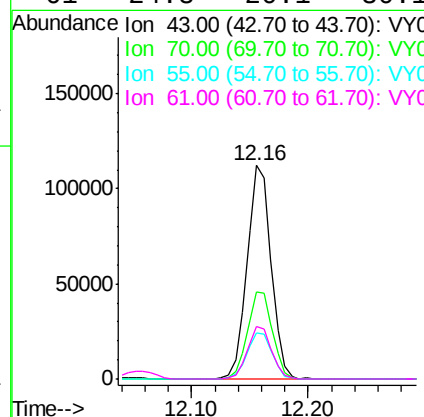
Manual Integrations
APPROVED

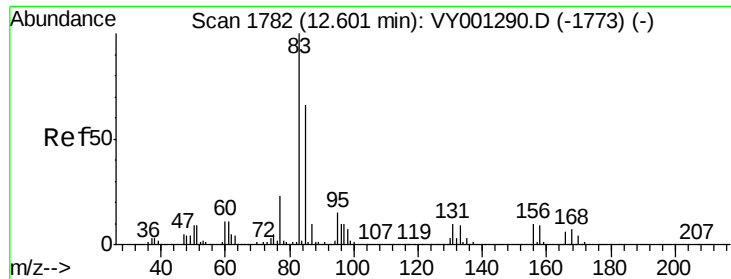
MMDadoda
1/21/2020 10:59:47 AM



#74
N-ethyl acetate
Concen: 47.568 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	35.0	52.6
55	22.7	18.4	27.6
61	24.8	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.809 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

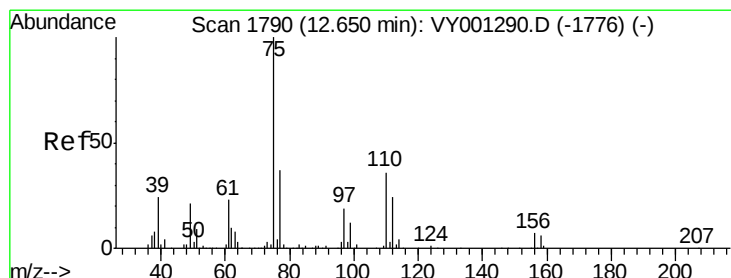
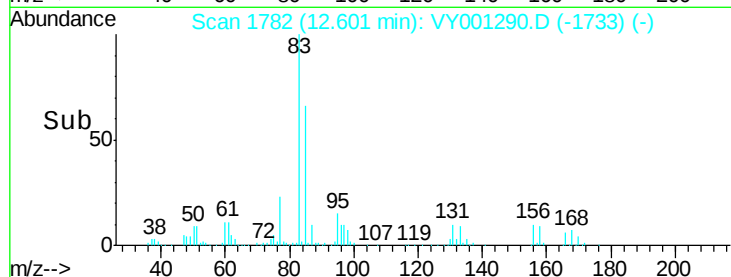
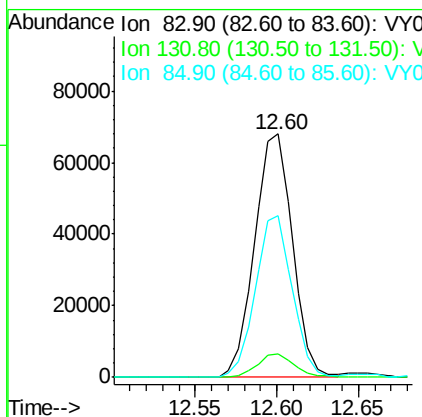
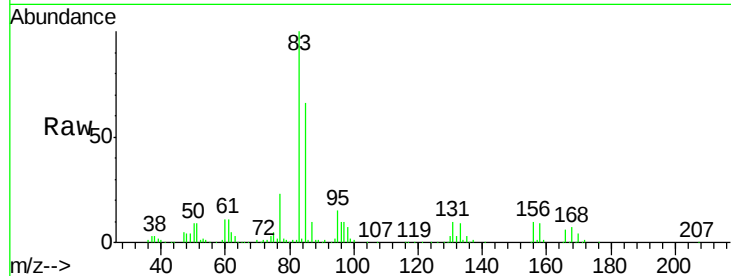
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	109625
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.3
85	64.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.404 ug/l m

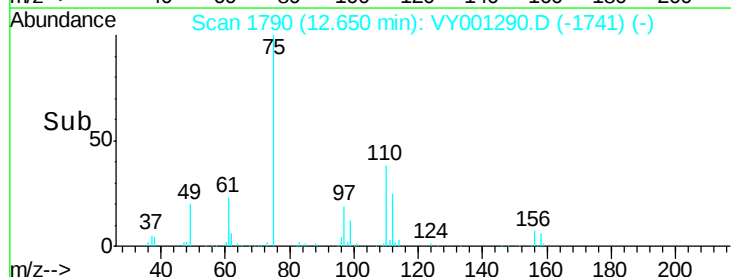
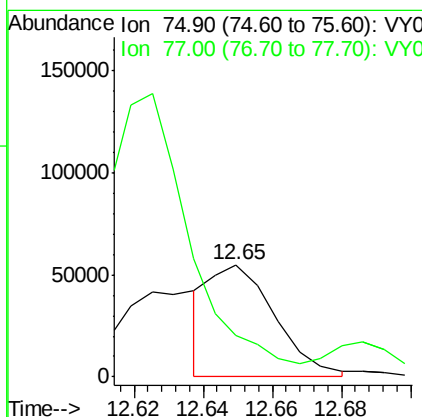
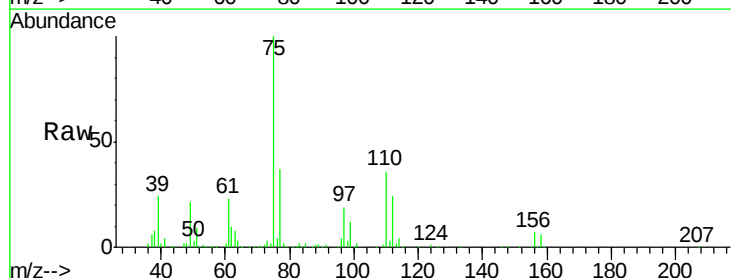
RT: 12.65 min Scan# 1790

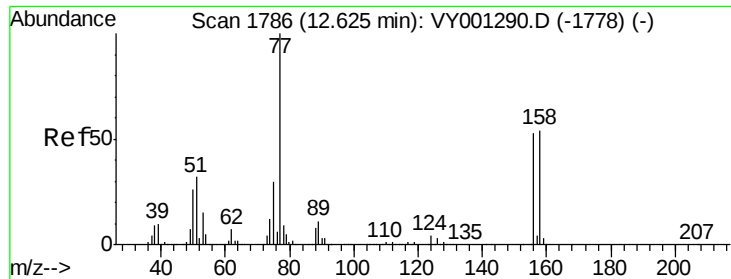
Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion:	75	Resp:	72015
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





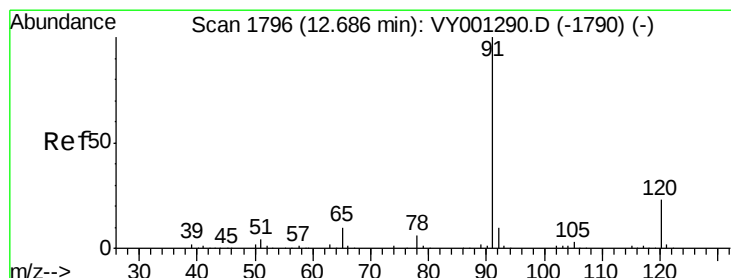
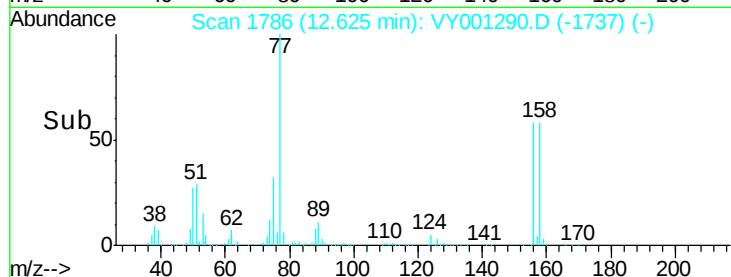
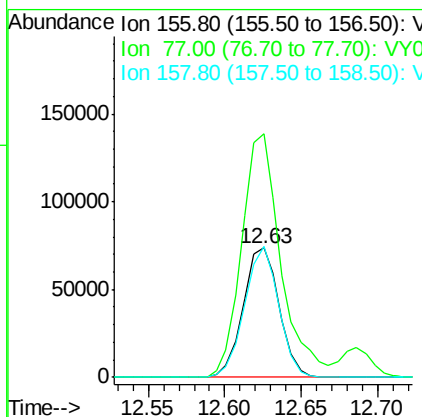
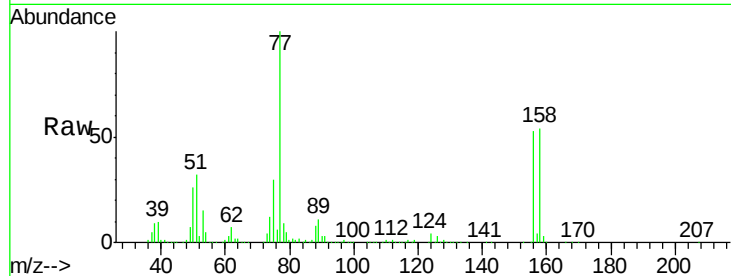
#77
Bromobenzene
Concen: 49.664 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.3	106.7	320.1
158	96.1	48.3	144.8

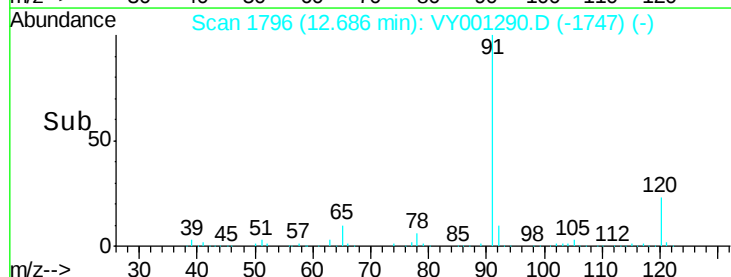
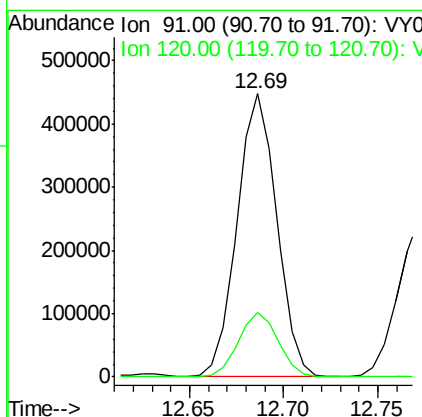
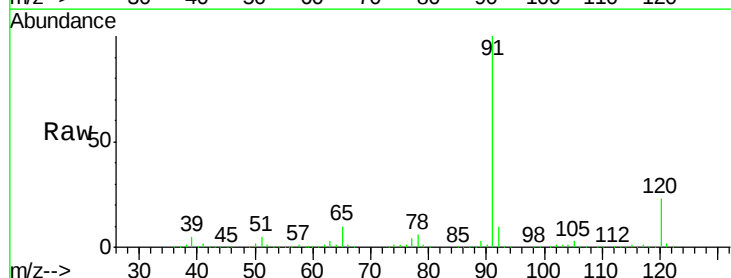
Manual Integrations
APPROVED

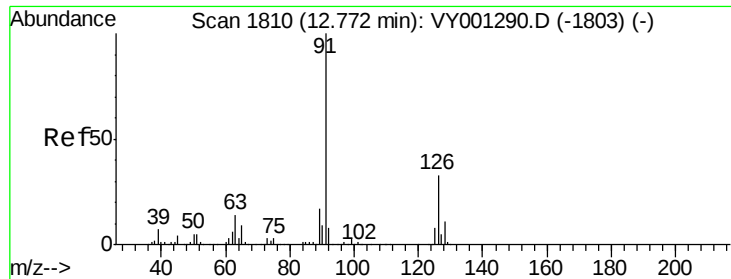
MMDadoda
1/21/2020 10:59:47 AM



#78
n-propylbenzene
Concen: 49.821 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 49.199 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 370402

Ion Ratio Lower Upper

91 100

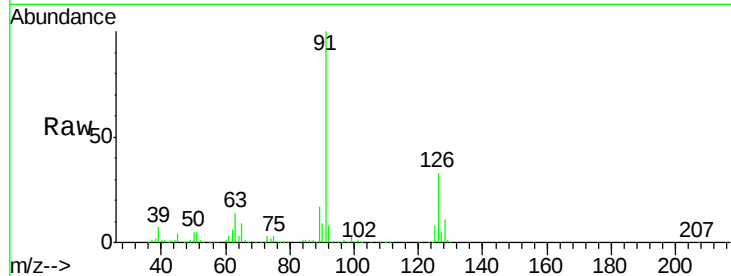
126 33.4 16.4 49.4

Manual Integrations

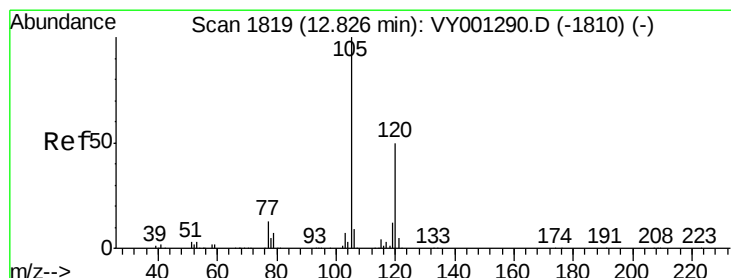
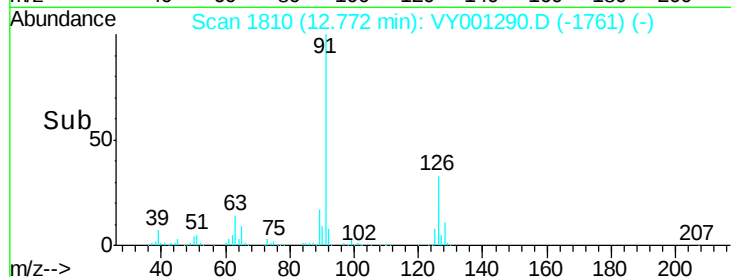
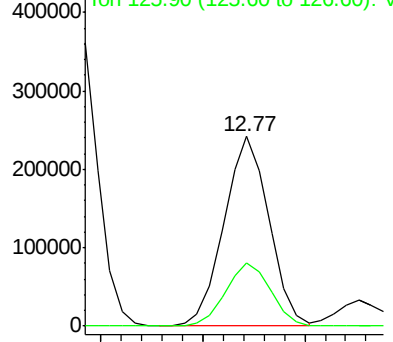
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Abundance Ion 91.00 (90.70 to 91.70): VY001290.D (-1803) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.582 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VY001290.D

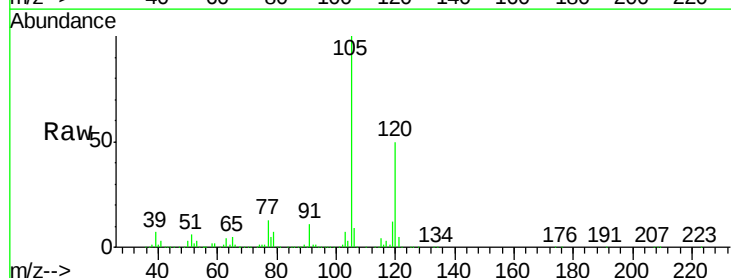
Acq: 20 Jan 2020 12:26

Tgt Ion: 105 Resp: 450870

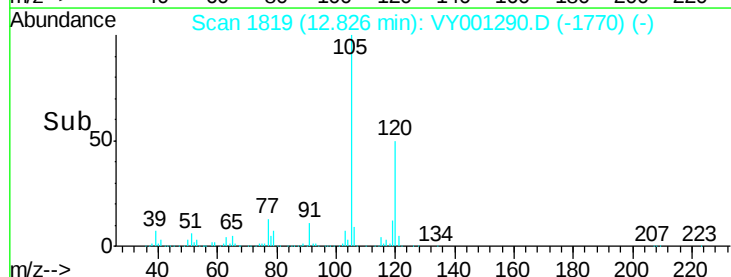
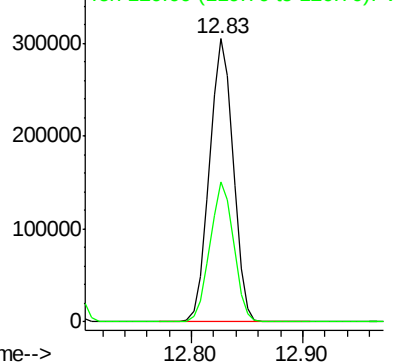
Ion Ratio Lower Upper

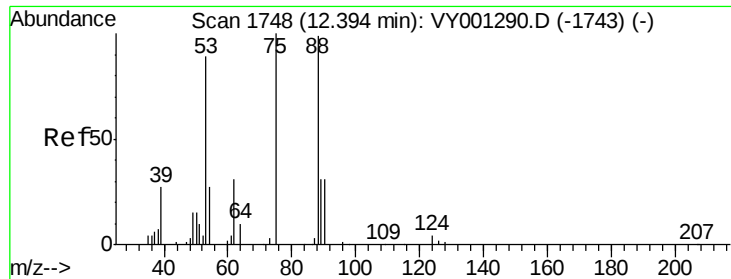
105 100

120 49.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001290.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.216 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 41380

Ion Ratio Lower Upper

75 100

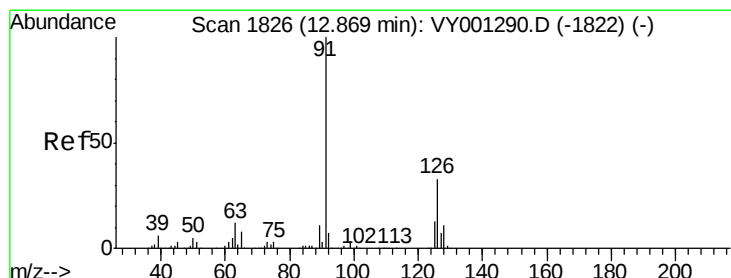
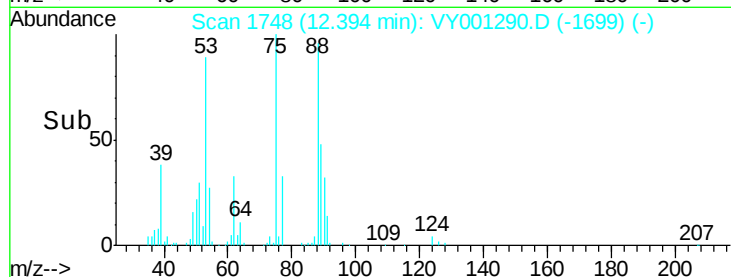
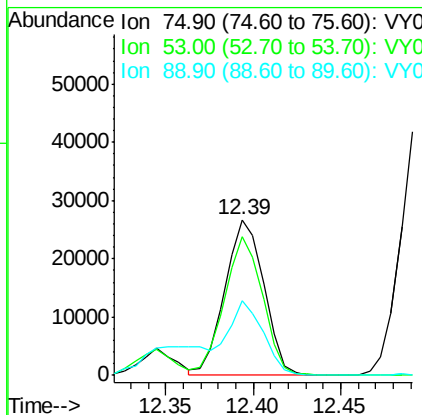
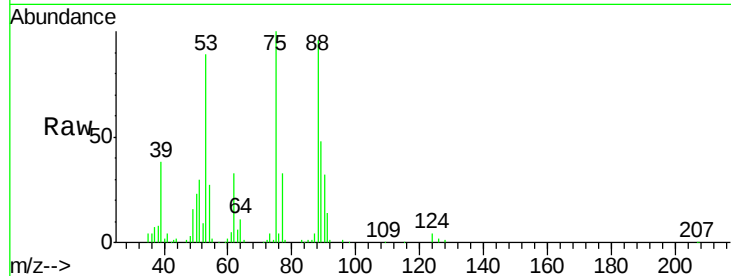
53 87.7 69.4 104.2

89 43.6 0.0 0.0#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.754 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VY001290.D

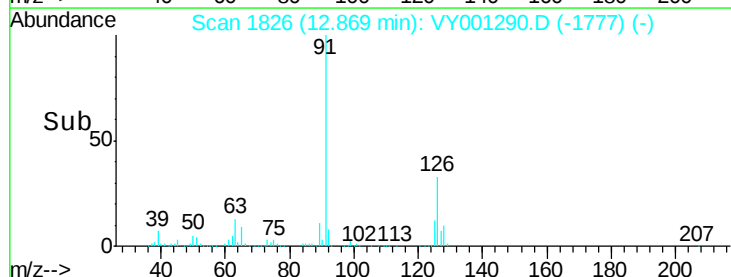
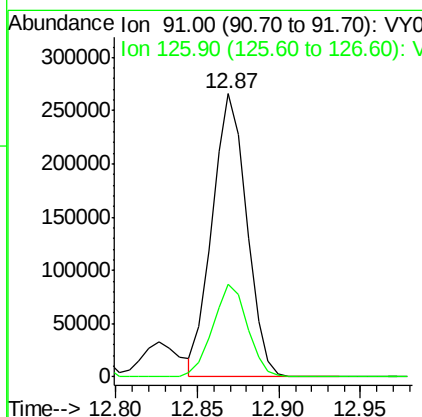
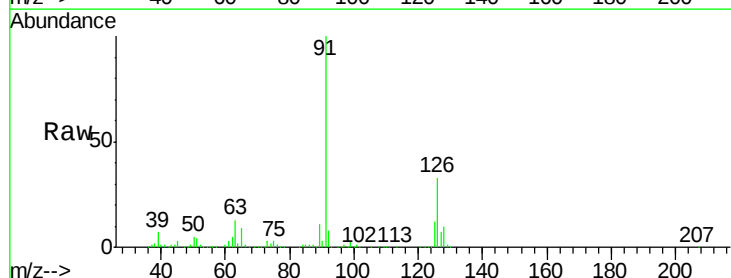
Acq: 20 Jan 2020 12:26

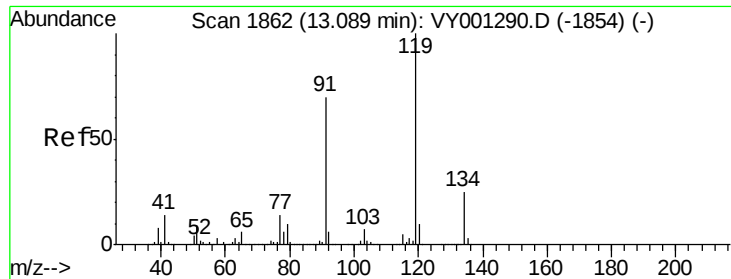
Tgt Ion: 91 Resp: 391859

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8





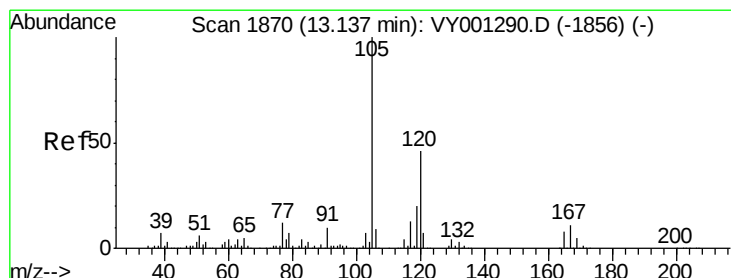
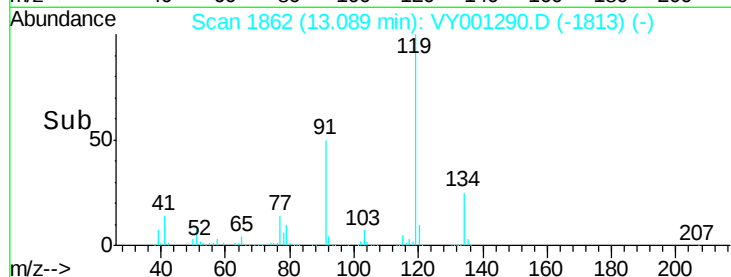
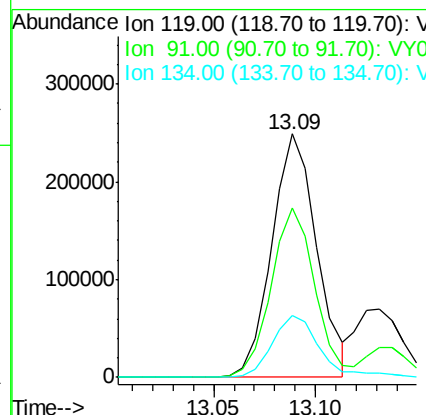
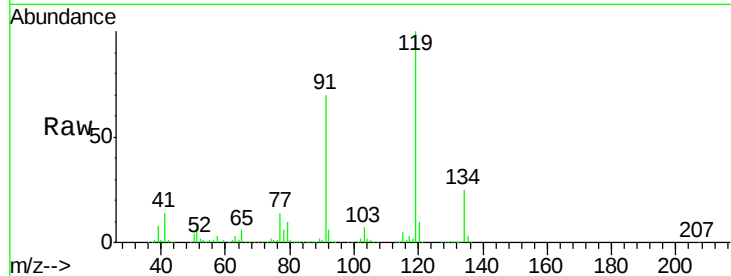
#83
 tert-Butylbenzene
 Concen: 49.969 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	381813		
91	68.3	33.9	101.7	
134	27.1	13.5	40.4	

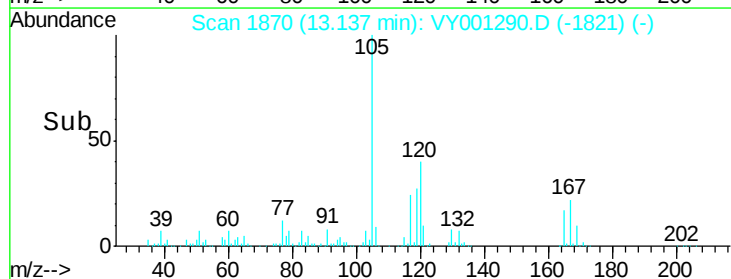
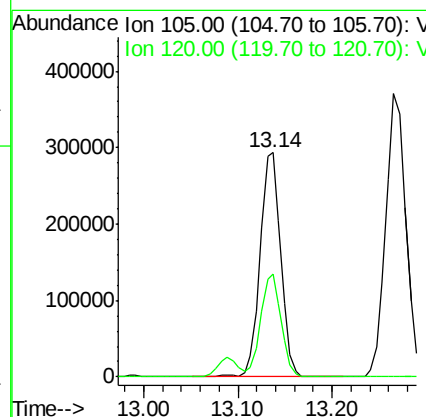
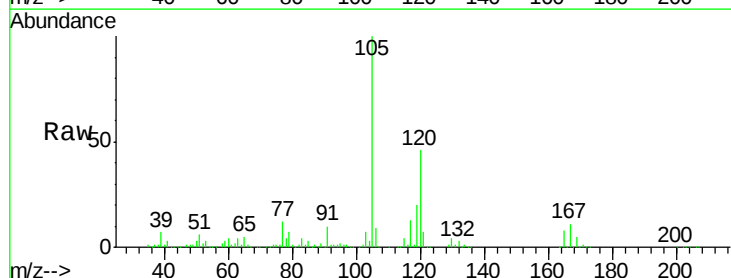
Manual Integrations
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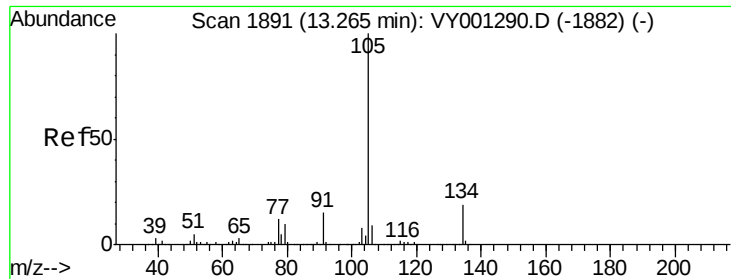
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.389 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	455031		
120	45.1	22.8	68.3	





#85

sec-Butylbenzene

Concen: 50.029 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 549937

Ion Ratio Lower Upper

105 100

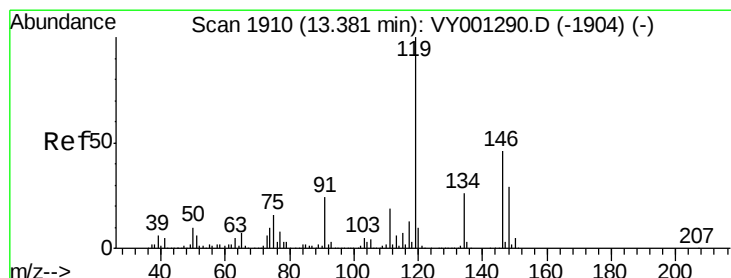
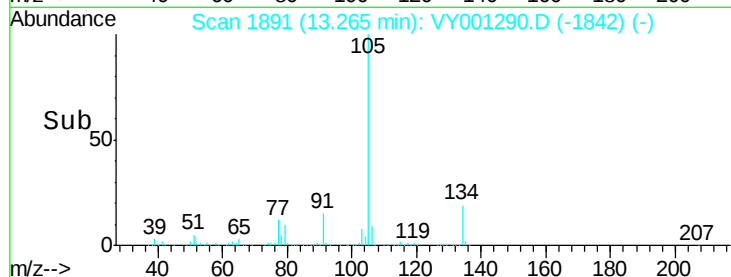
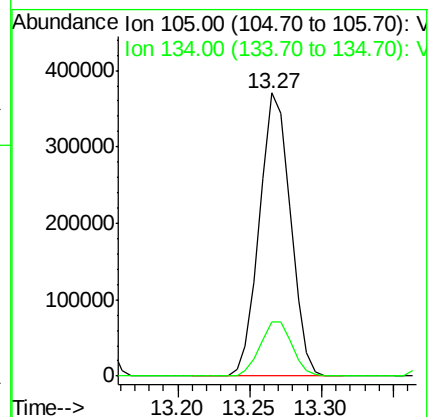
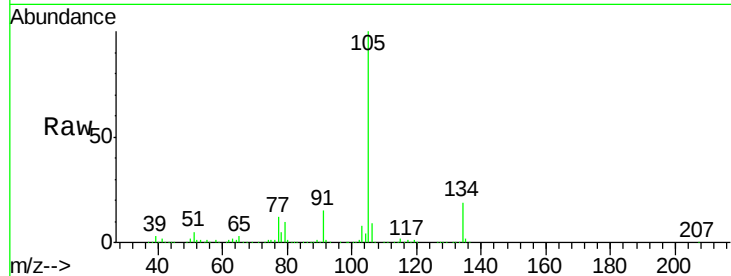
134 20.0 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 50.719 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

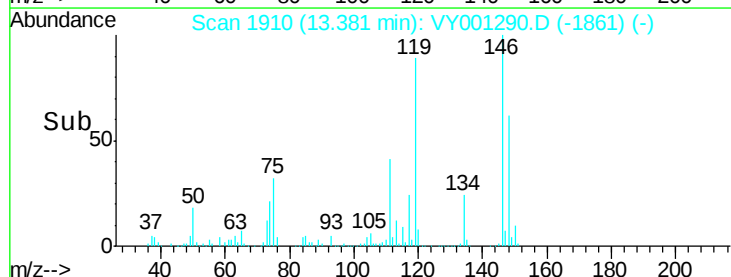
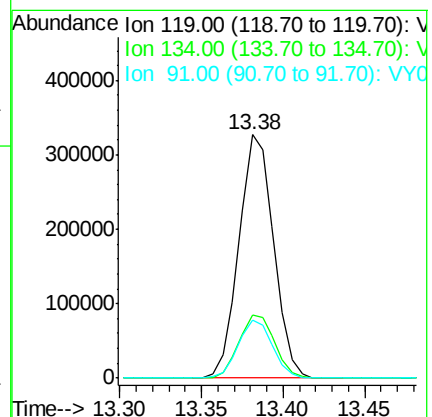
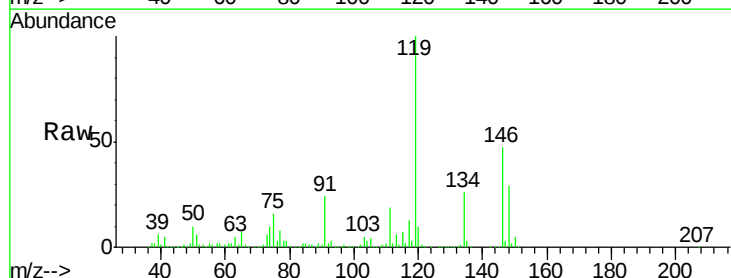
Tgt Ion:119 Resp: 484062

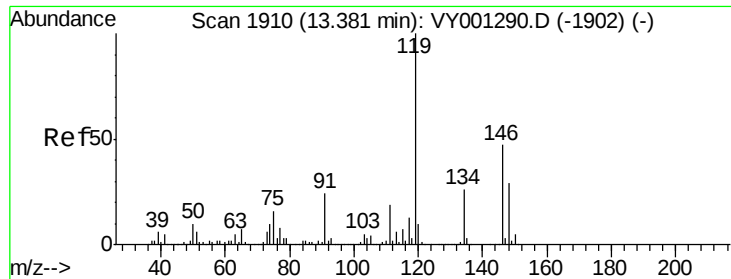
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.696 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Instrument :

MSVOA_Y

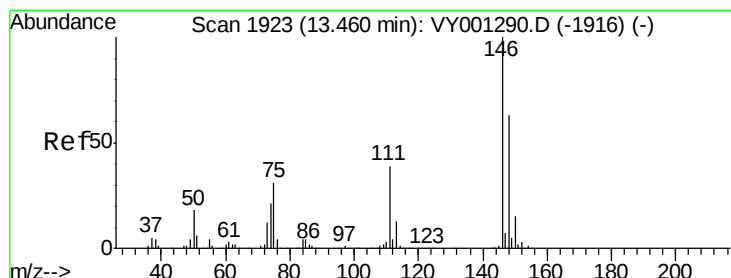
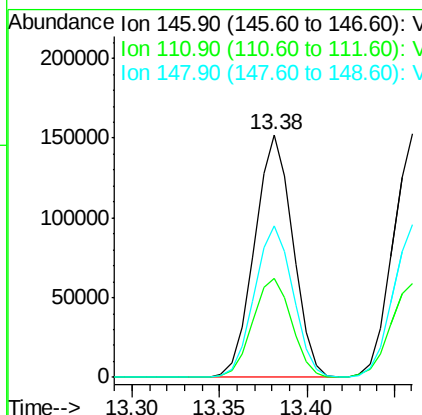
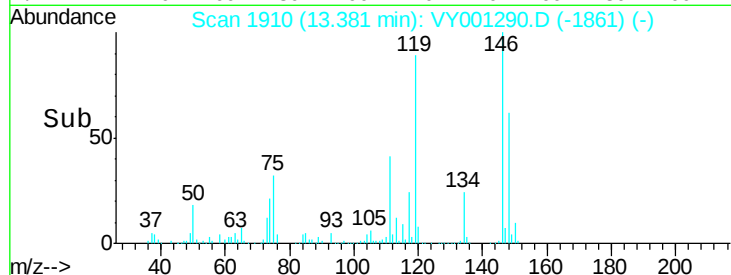
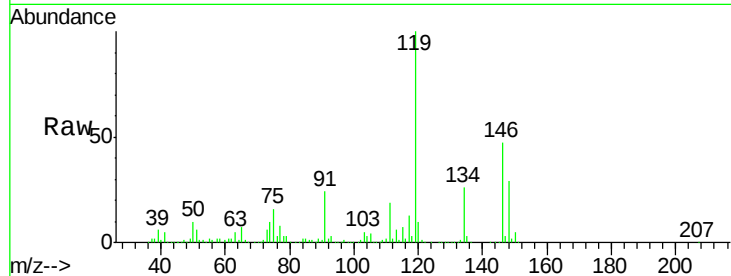
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	230888
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.3	64.0
148	63.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 49.571 ug/l

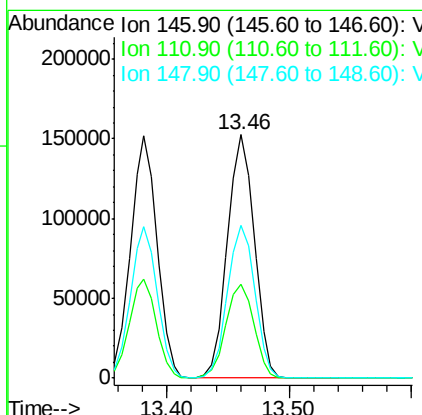
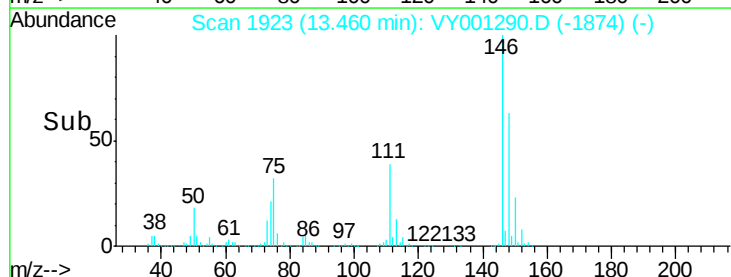
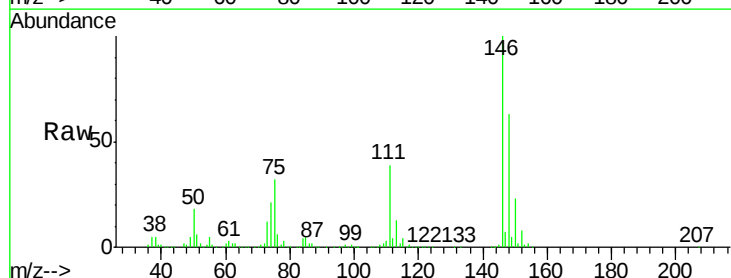
RT: 13.46 min Scan# 1923

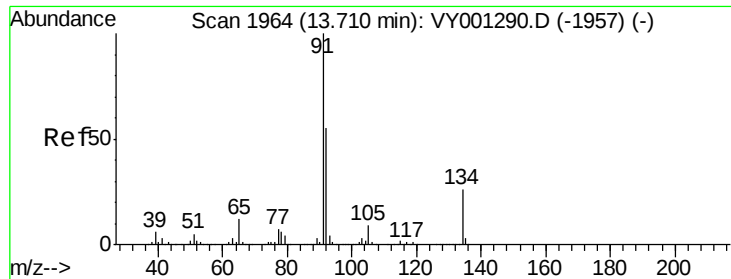
Delta R.T. 0.00 min

Lab File: VY001290.D

Acq: 20 Jan 2020 12:26

Tgt Ion:	146	Resp:	232355
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.8	62.5
148	63.9	32.0	96.2





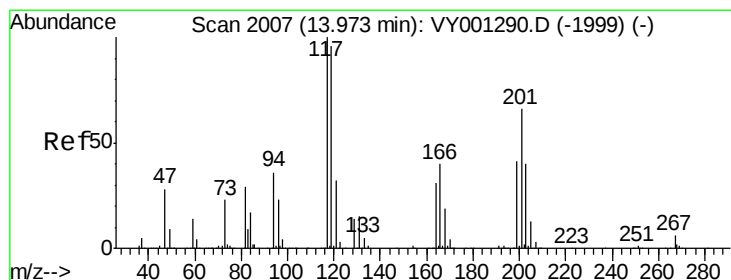
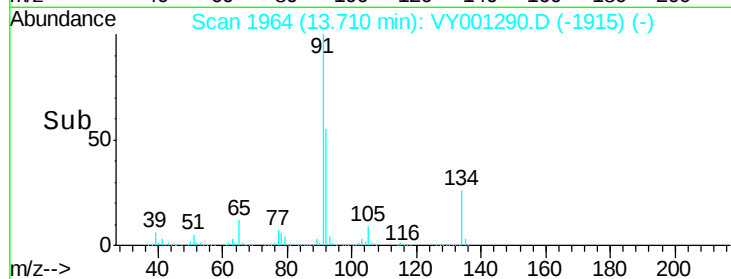
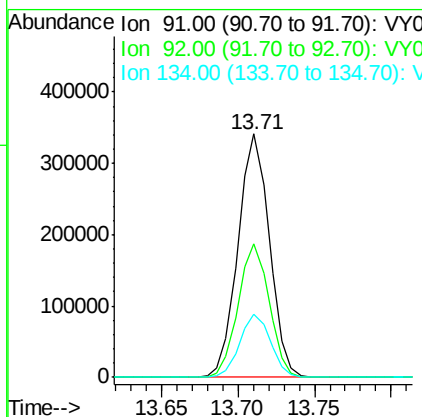
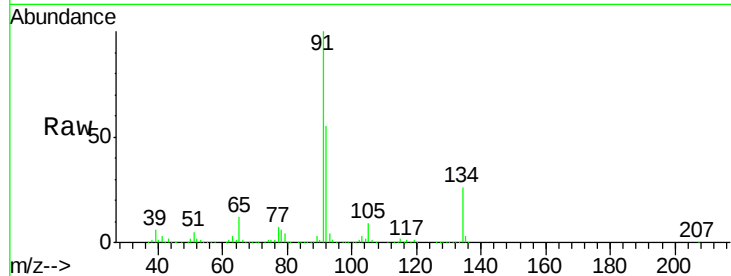
#89
n-Butylbenzene
Concen: 50.393 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.7	83.1
134	25.6	12.9	38.6

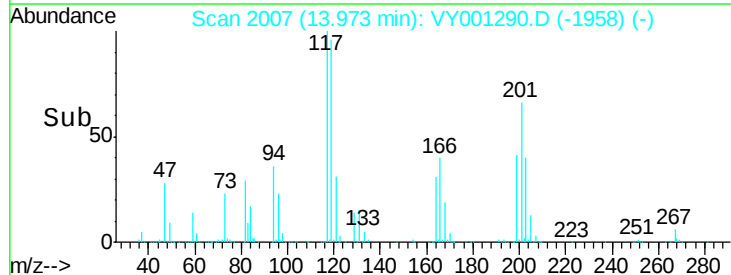
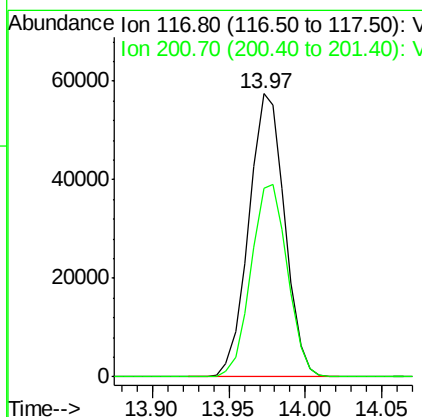
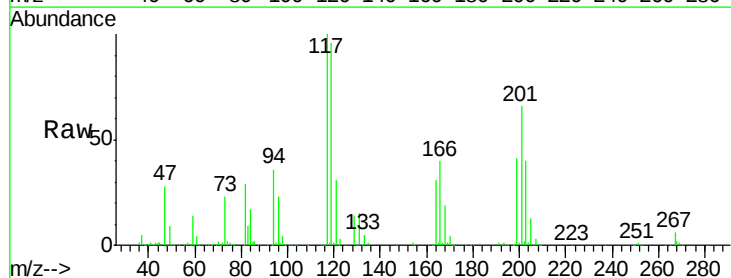
Manual Integrations
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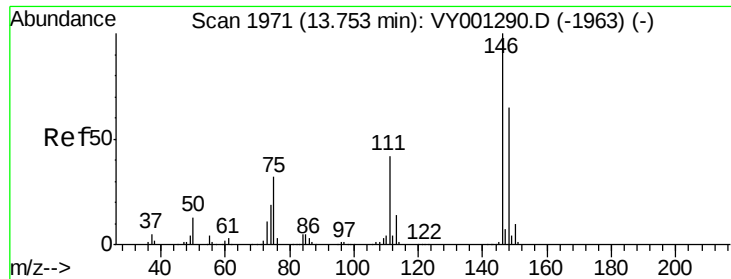
MMDadoda
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#90
Hexachloroethane
Concen: 50.319 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	35.4	106.2





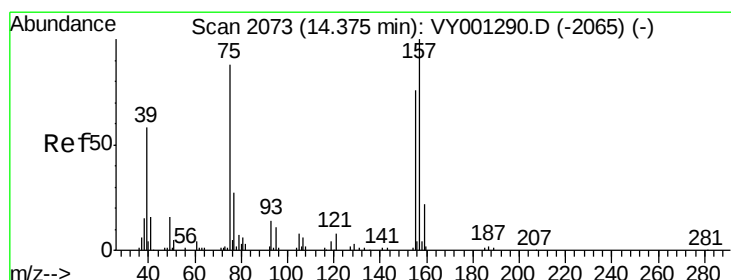
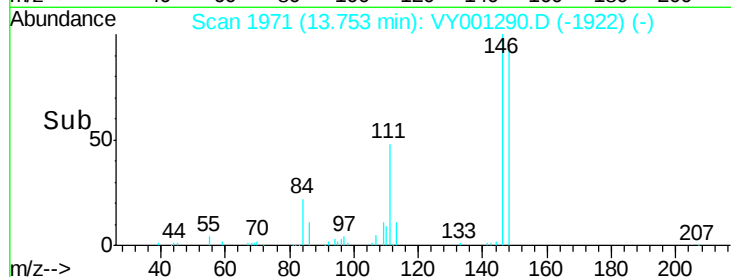
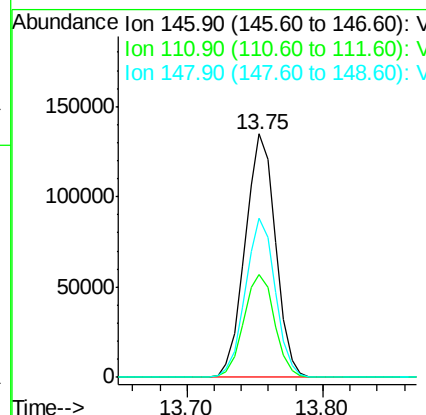
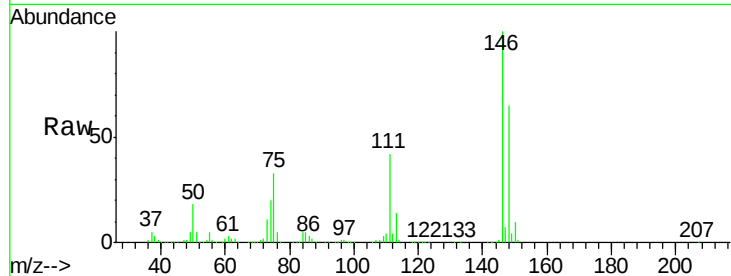
#91
 1,2-Dichlorobenzene
 Concen: 49.727 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.0	66.0
148	64.3	32.1	96.3

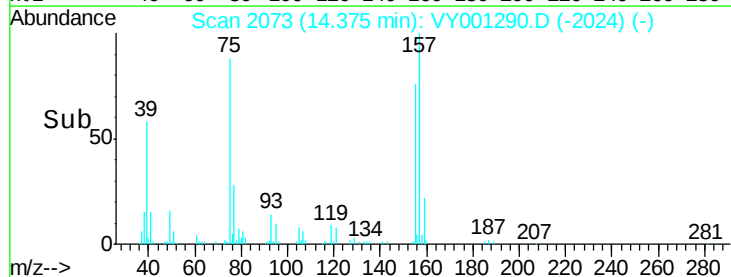
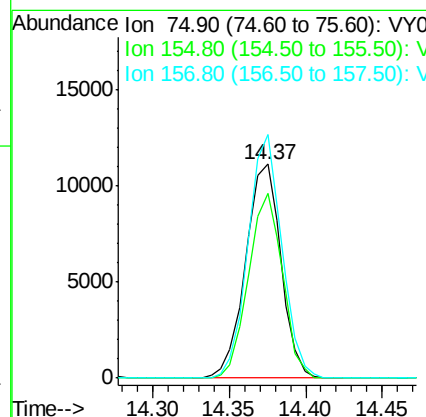
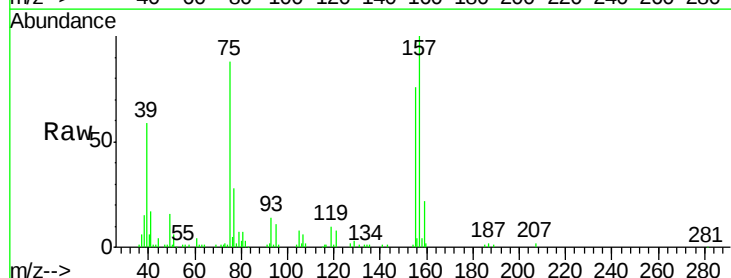
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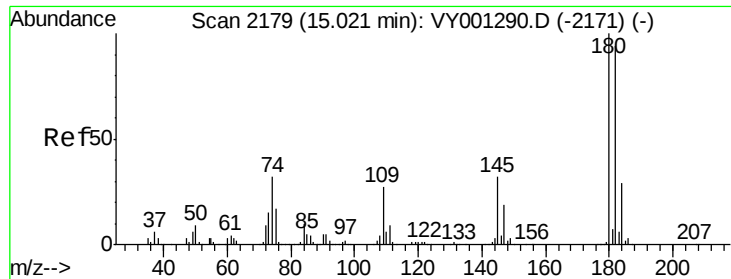
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.090 ug/l
 RT: 14.37 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VY001290.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	41.2	123.6
157	108.7	52.8	158.4





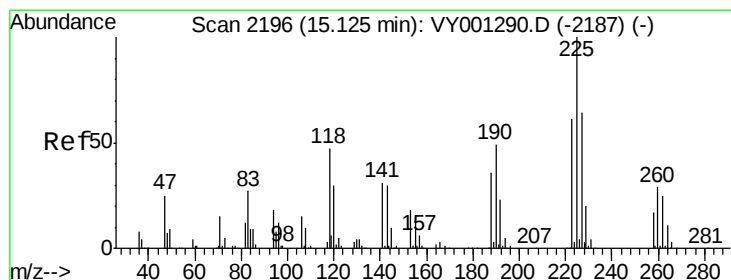
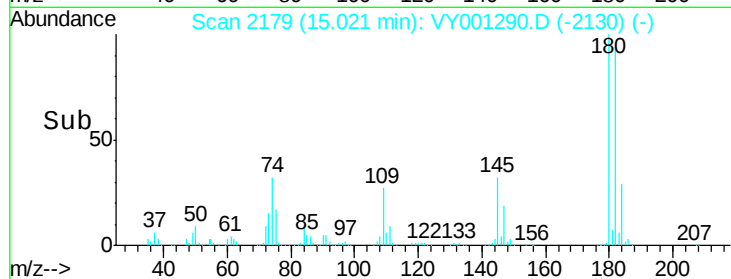
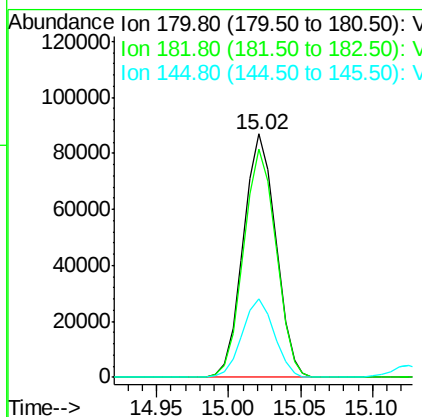
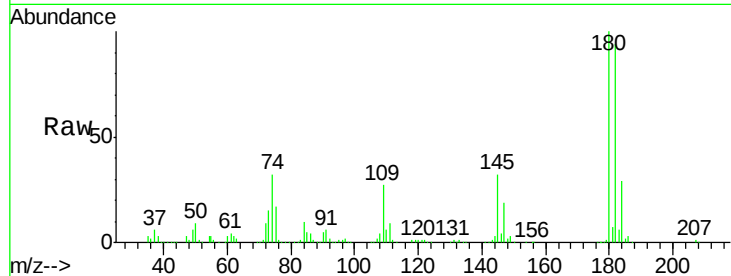
#93
1,2,4-Trichlorobenzene
Concen: 48.732 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135904		
182	93.9	46.9	140.8	
145	31.7	16.0	48.0	

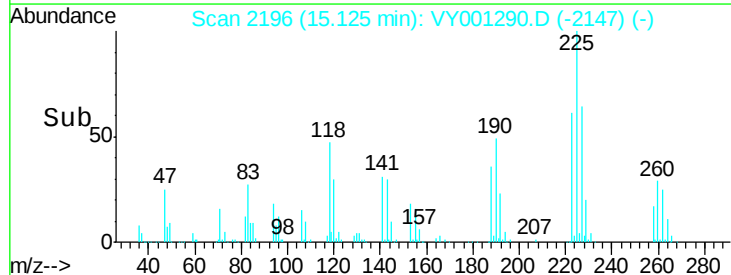
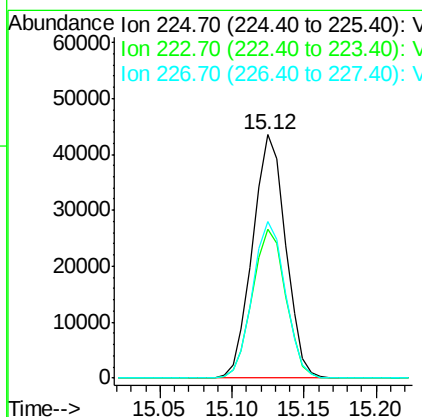
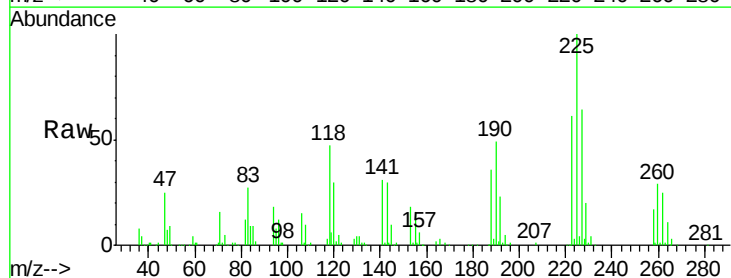
Manual Integrations
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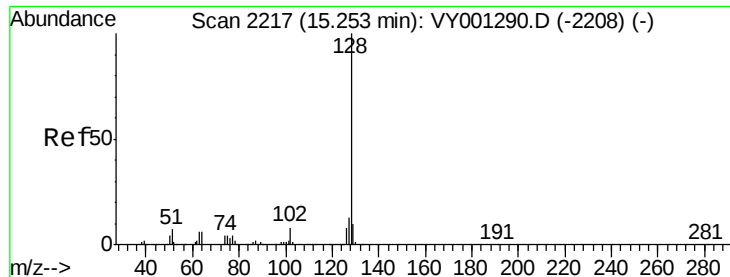
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#94
Hexachlorobutadiene
Concen: 48.873 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68664		
223	62.0	31.1	93.3	
227	64.0	31.3	93.9	





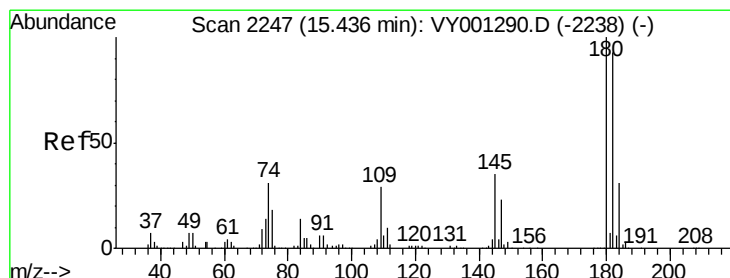
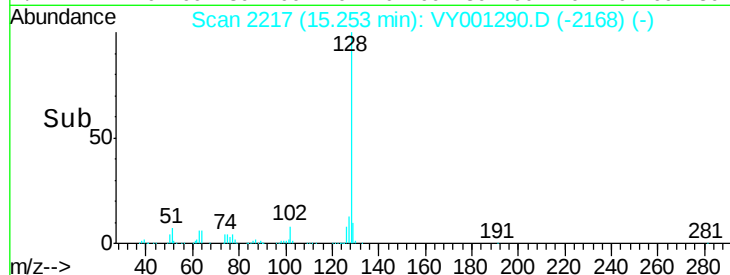
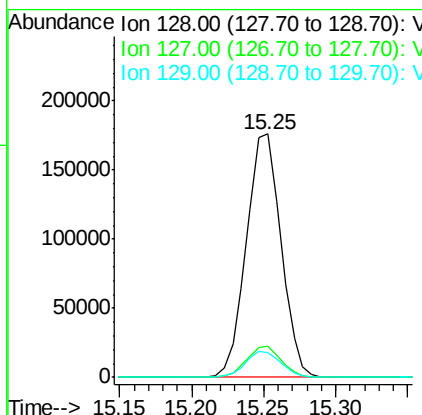
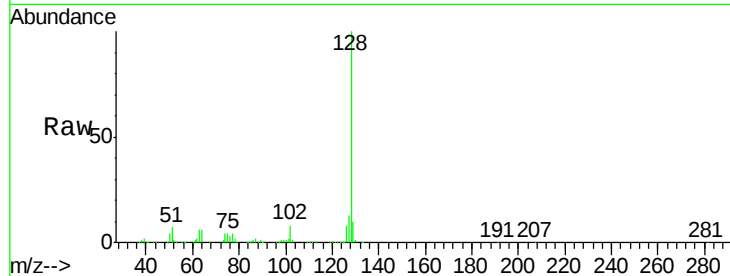
#95
Naphthalene
Concen: 45.140 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 47.723 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001290.D
Acq: 20 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.5
145	34.1	17.1	51.3

