

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001590.D
 Acq On : 10 Feb 2020 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:11:08 PM

Quant Time: Feb 11 06:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	198444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	352816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	319638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	155278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103539	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.74	113	97172	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.19	98	400366	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.49	95	151197	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	77340	39.814	ug/l	96
3) Chloromethane	2.13	50	102397	50.436	ug/l	98
4) Vinyl Chloride	2.26	62	103759	49.219	ug/l	99
5) Bromomethane	2.66	94	68639	51.772	ug/l	97
6) Chloroethane	2.81	64	66469	52.308	ug/l	93
7) Trichlorofluoromethane	3.15	101	141336	40.503	ug/l	99
8) Diethyl Ether	3.55	74	54386	46.186	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	88525	42.164	ug/l	99
10) Methyl Iodide	4.11	142	111069	41.517	ug/l	98
11) Tert butyl alcohol	4.99	59	52356	230.364	ug/l	99
12) 1,1-Dichloroethene	3.90	96	88784	42.554	ug/l	98
13) Acrolein	3.76	56	49585	262.088	ug/l	100
14) Allyl chloride	4.51	41	156212	48.944	ug/l	96
15) Acrylonitrile	5.20	53	143198	265.268	ug/l	99
16) Acetone	3.97	43	132511	229.275	ug/l	96
17) Carbon Disulfide	4.22	76	283483	42.681	ug/l	99
18) Methyl Acetate	4.51	43	65062	52.753	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	254020	45.782	ug/l	95
20) Methylene Chloride	4.74	84	112430	49.648	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	100214	43.207	ug/l	97
22) Diisopropyl ether	6.15	45	329011	52.031	ug/l	96
23) Vinyl Acetate	6.10	43	1088718	270.461	ug/l	96
24) 1,1-Dichloroethane	6.05	63	174511	45.882	ug/l	99
25) 2-Butanone	7.02	43	200723	267.699	ug/l	90
26) 2,2-Dichloropropane	7.01	77	148252	40.727	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	113284	44.718	ug/l	98
28) Bromochloromethane	7.36	49	82246	63.476	ug/l	88
29) Tetrahydrofuran	7.38	42	130440	290.246	ug/l	93
30) Chloroform	7.53	83	168914	43.843	ug/l	98
31) Cyclohexane	7.81	56	174236	44.783	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	145343	41.609	ug/l	98
36) 1,1-Dichloropropene	7.94	75	139307	43.161	ug/l	98
37) Ethyl Acetate	7.10	43	85052	54.434	ug/l	96
38) Carbon Tetrachloride	7.93	117	124433	39.848	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	181002	42.590	ug/l	99
40) Benzene	8.19	78	411864	44.738	ug/l	100
41) Methacrylonitrile	7.35	41	40087m	55.357	ug/l	
42) 1,2-Dichloroethane	8.26	62	115046	44.855	ug/l	100
43) Isopropyl Acetate	8.30	43	165632	53.540	ug/l	94
44) Trichloroethene	8.96	130	103528	41.720	ug/l	99
45) 1,2-Dichloropropane	9.24	63	106477	47.897	ug/l	100
46) Dibromomethane	9.32	93	55428	44.403	ug/l	99
47) Bromodichloromethane	9.52	83	131630	43.278	ug/l	100
48) Methyl methacrylate	9.31	41	75141	53.516	ug/l	93
49) 1,4-Dioxane	9.32	88	14756	895.076	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	430203	282.376	ug/l	94
52) Toluene	10.26	92	261329	44.738	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	150202	45.340	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	169322	44.521	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	82163	45.875	ug/l	97
56) Ethyl methacrylate	10.52	69	124648	48.931	ug/l	91
57) 1,3-Dichloropropane	10.80	76	145769	46.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	249688	266.440	ug/l	95
59) 2-Hexanone	10.85	43	311849	281.521	ug/l	95
60) Dibromochloromethane	11.00	129	92820	43.967	ug/l	99
61) 1,2-Dibromoethane	11.10	107	79012	44.790	ug/l	99
64) Tetrachloroethene	10.73	164	86134	41.090	ug/l	97
65) Chlorobenzene	11.53	112	269801	42.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	93808	42.707	ug/l	98
67) Ethyl Benzene	11.60	91	503768	43.413	ug/l	99
68) m/p-Xylenes	11.71	106	376433	86.412	ug/l	98
69) o-Xylene	12.04	106	179144	43.615	ug/l	100
70) Styrene	12.05	104	316000	44.489	ug/l	99
71) Bromoform	12.22	173	54858	44.851	ug/l #	98
73) Isopropylbenzene	12.34	105	483145	40.797	ug/l	100
74) N-amyl acetate	12.15	43	162315	52.744	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	106440	47.306	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	81130m	48.585	ug/l	
77) Bromobenzene	12.62	156	106017	41.366	ug/l	94
78) n-propylbenzene	12.68	91	594438	41.927	ug/l	99
79) 2-Chlorotoluene	12.77	91	332274	41.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	403206	40.427	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	39095	45.301	ug/l	95
82) 4-Chlorotoluene	12.86	91	350795	41.401	ug/l	99
83) tert-Butylbenzene	13.08	119	339799	40.306	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	407777	41.309	ug/l	99
85) sec-Butylbenzene	13.26	105	494938	41.756	ug/l	99
86) p-Isopropyltoluene	13.38	119	436288	41.769	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	206659	42.075	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	210026	42.683	ug/l	99
89) n-Butylbenzene	13.70	91	441081	42.799	ug/l	99
90) Hexachloroethane	13.97	117	82192	40.998	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	191435	43.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17636	42.458	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	125346	41.789	ug/l	98
94) Hexachlorobutadiene	15.12	225	63092	41.444	ug/l	97
95) Naphthalene	15.25	128	296299	42.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	112258	42.397	ug/l	97

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

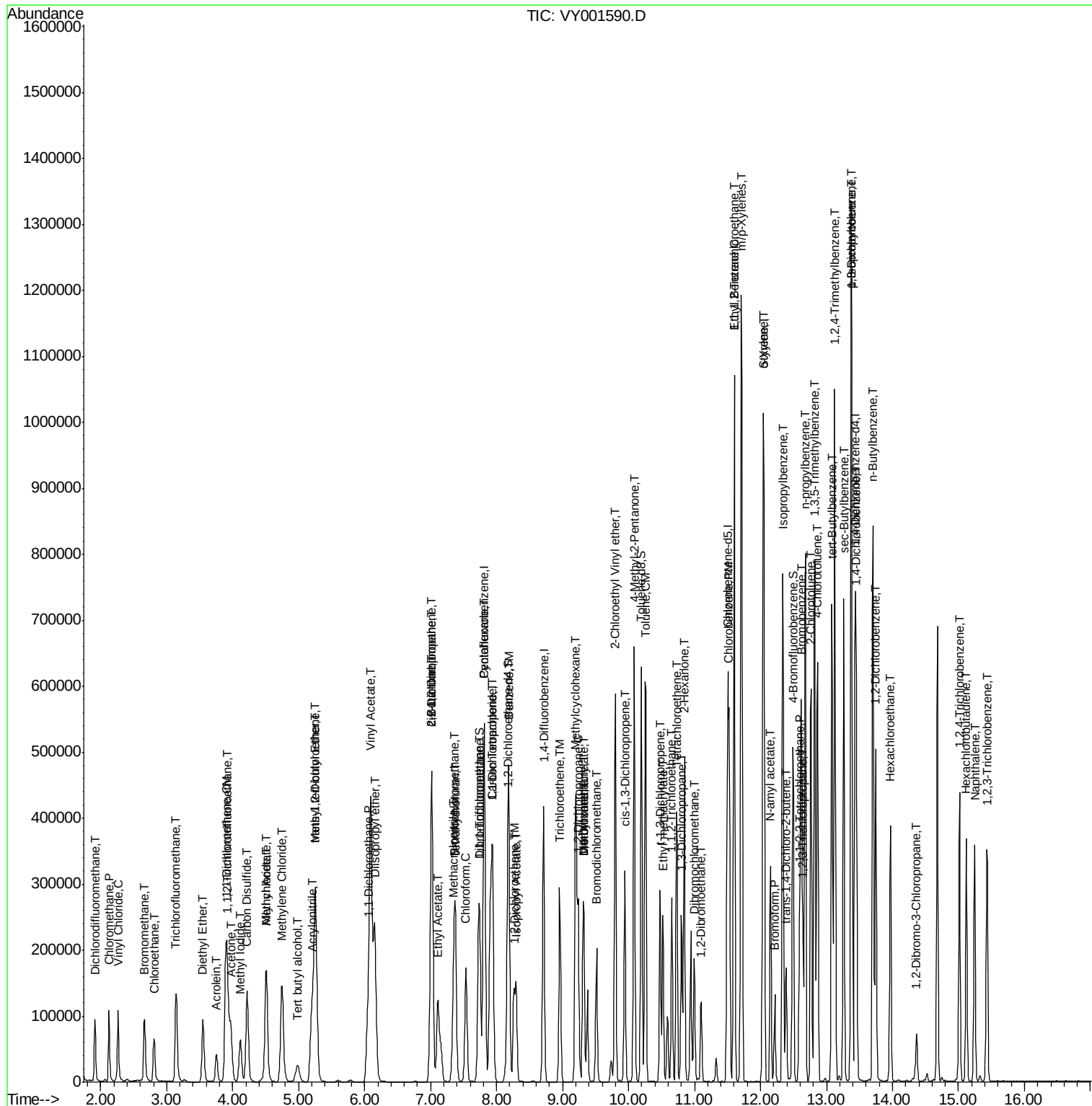
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Data File : VY001590.D
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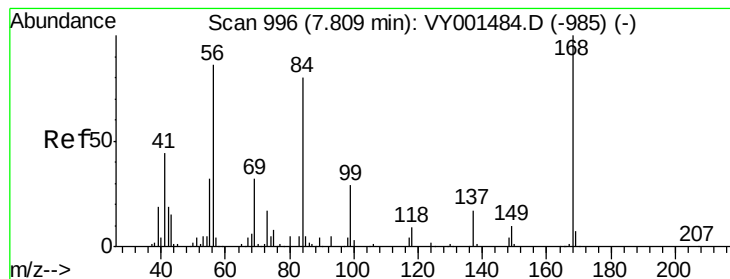
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 198444

Ion Ratio Lower Upper

168 100

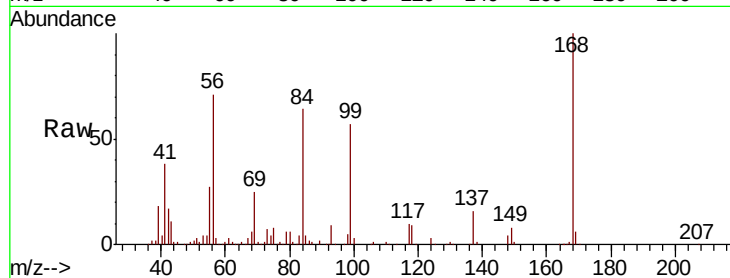
99 56.6 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001590.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001590.D (-947) (-)

7.82

100000

80000

60000

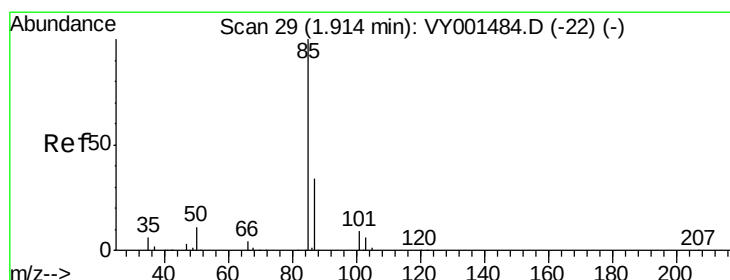
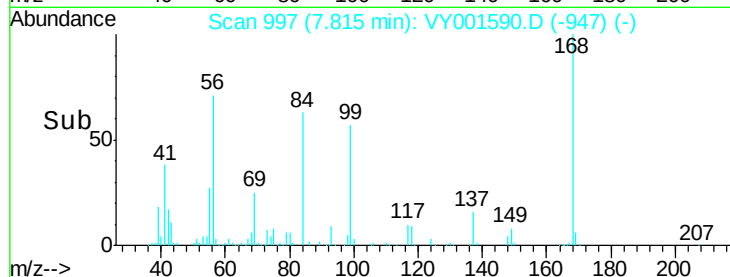
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 39.814 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001590.D

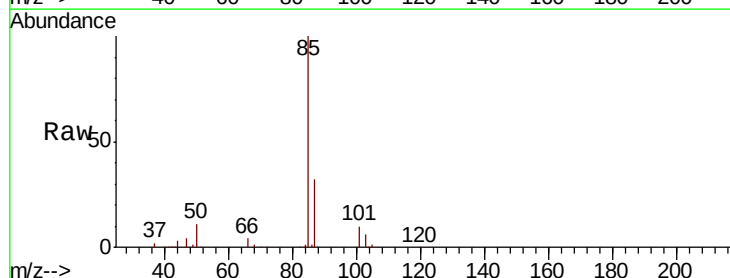
Acq: 10 Feb 2020 17:41

Tgt Ion: 85 Resp: 77340

Ion Ratio Lower Upper

85 100

87 31.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001590.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001590.D (-1) (-)

1.91

60000

50000

40000

30000

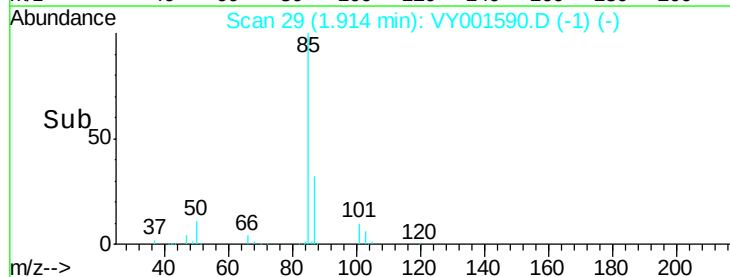
20000

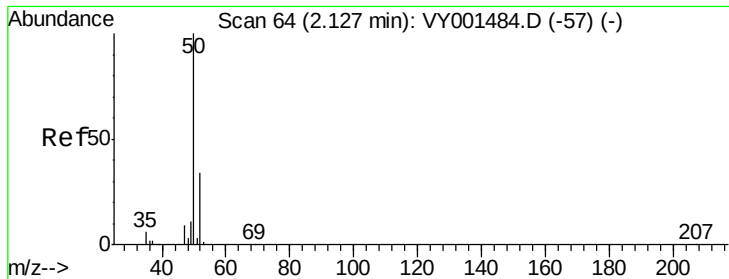
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.436 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 102397

Ion Ratio Lower Upper

50 100

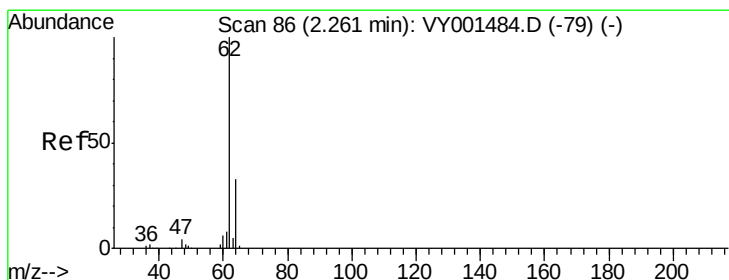
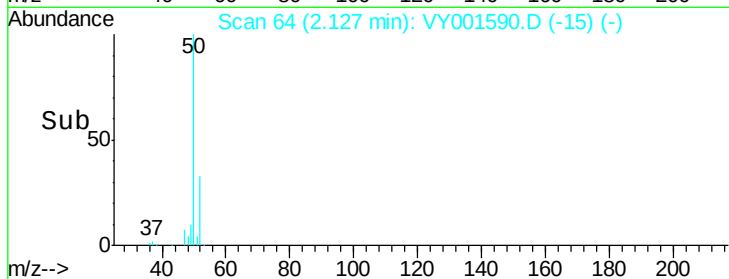
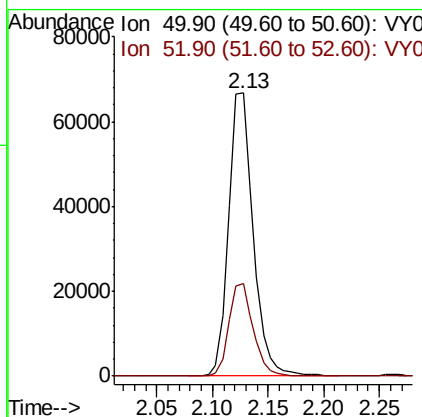
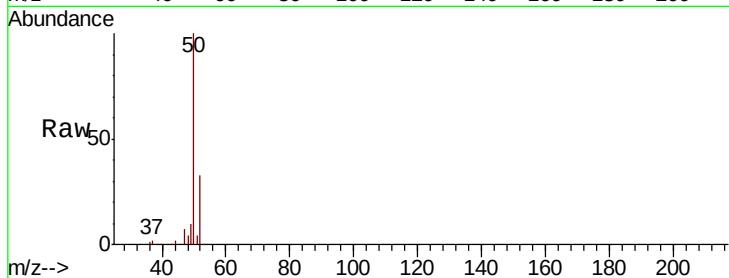
52 33.0 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.219 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001590.D

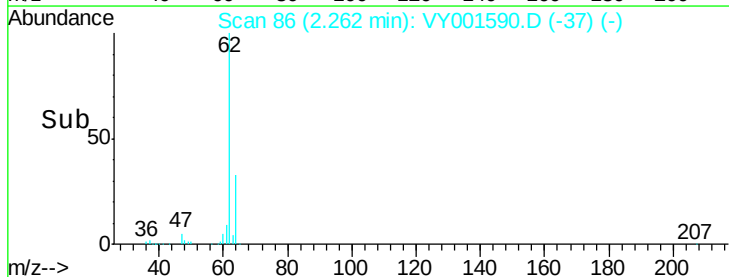
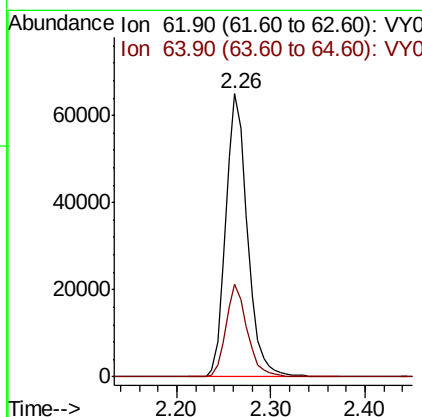
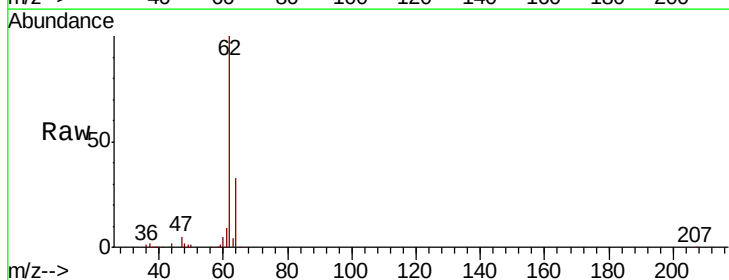
Acq: 10 Feb 2020 17:41

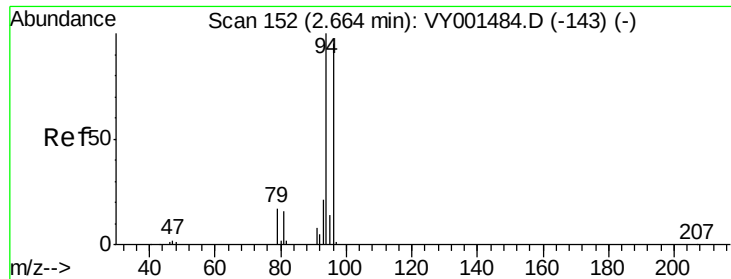
Tgt Ion: 62 Resp: 103759

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6





#5

Bromomethane

Concen: 51.772 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 68639

Ion Ratio Lower Upper

94 100

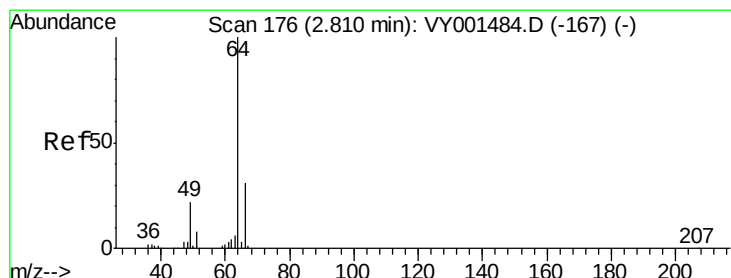
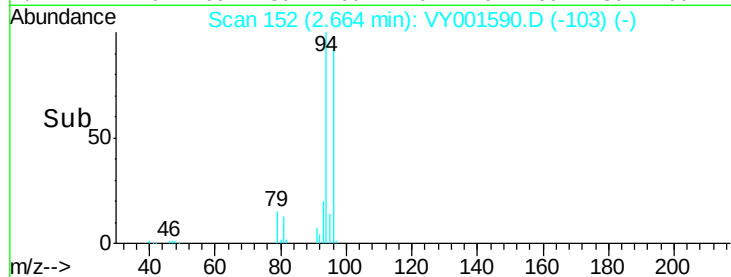
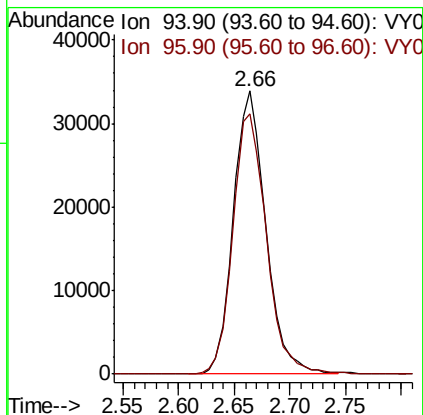
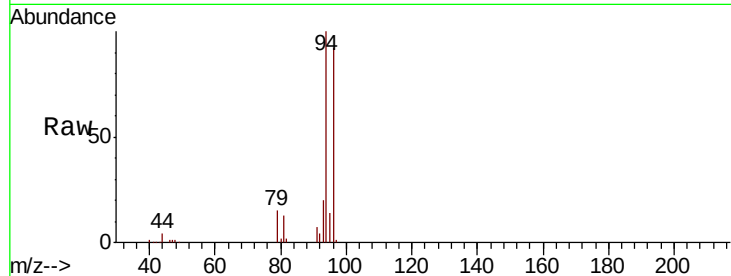
96 92.0 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 52.308 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001590.D

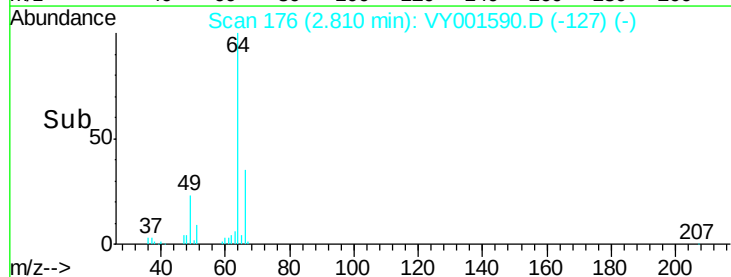
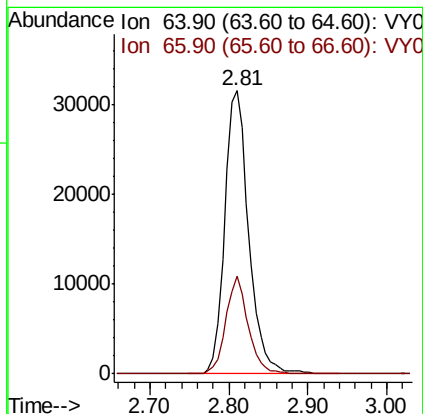
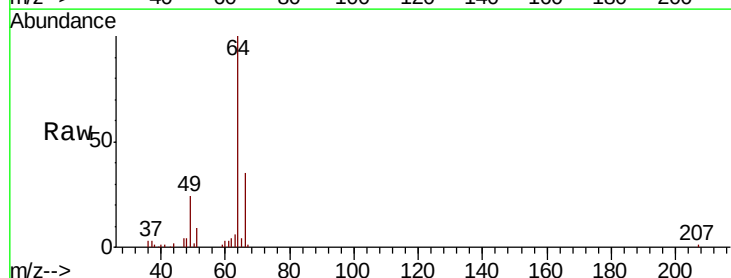
Acq: 10 Feb 2020 17:41

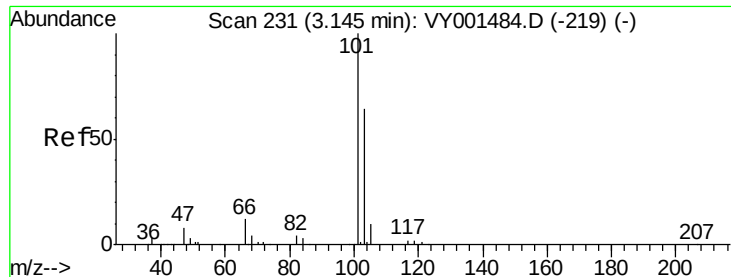
Tgt Ion: 64 Resp: 66469

Ion Ratio Lower Upper

64 100

66 34.6 24.5 36.7





#7

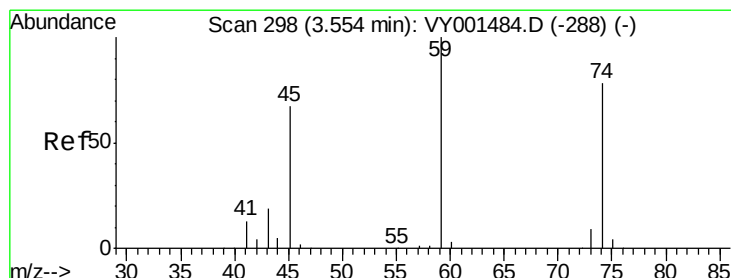
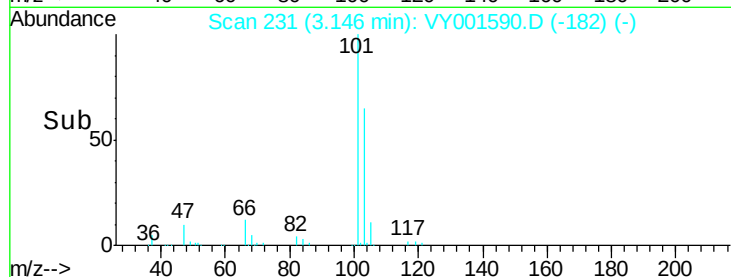
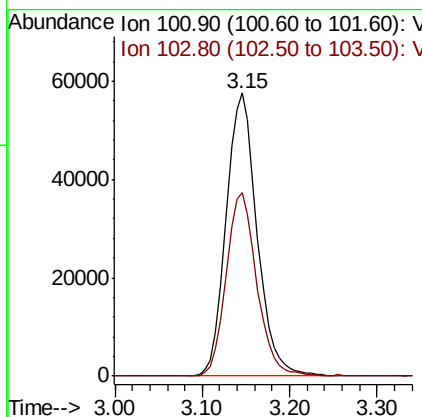
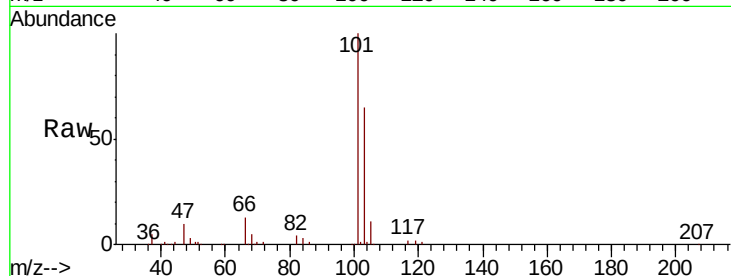
Trichlorofluoromethane
Concen: 40.503 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.9	76.3

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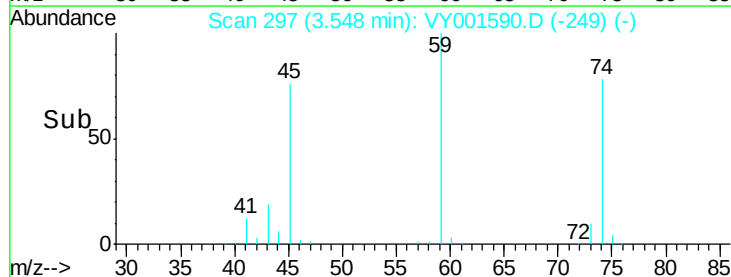
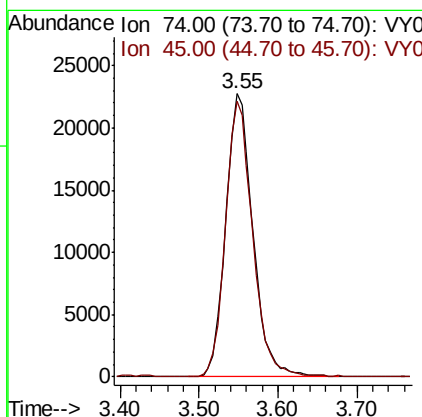
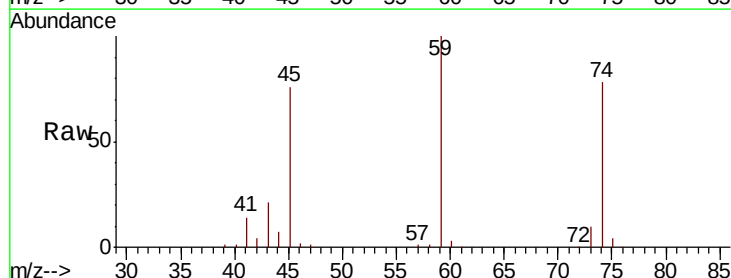
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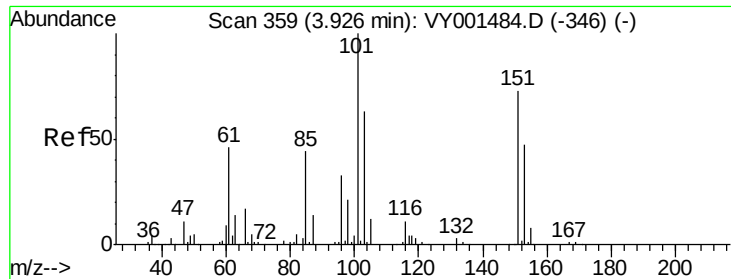


#8

Diethyl Ether
Concen: 46.186 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.164 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001590.D

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MSVOA_Y

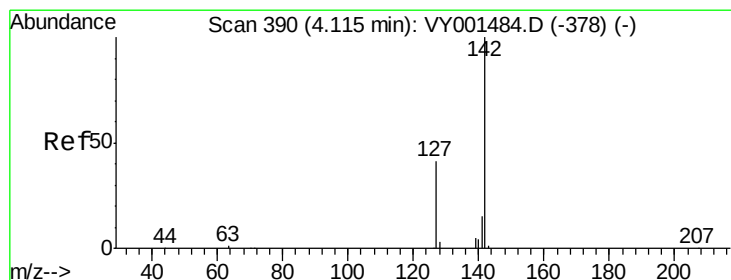
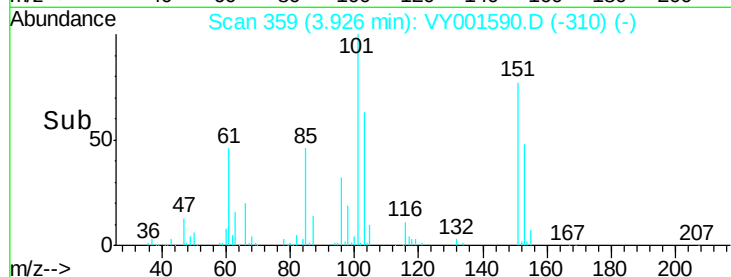
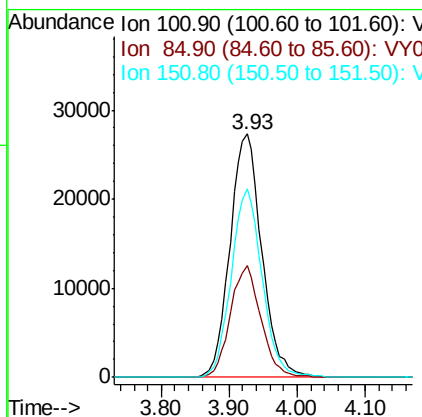
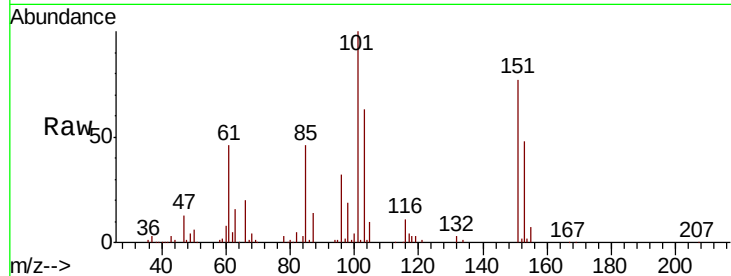
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88525
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.6	51.8
151	75.3	60.3	90.5

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#10

Methyl Iodide

Concen: 41.517 ug/l

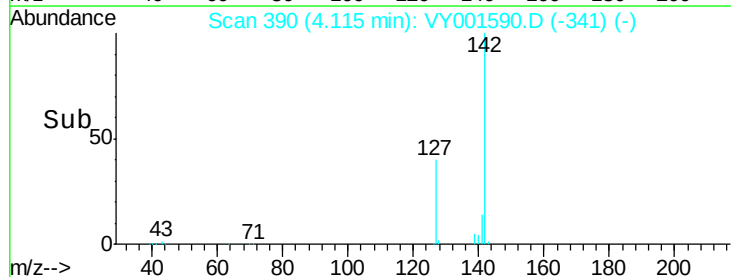
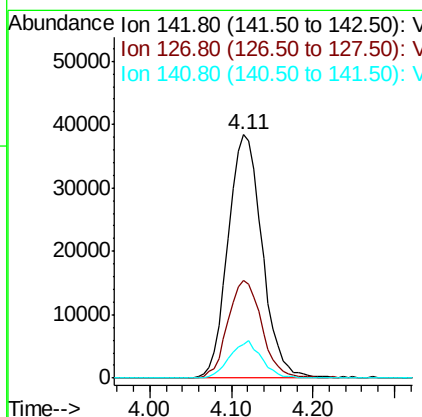
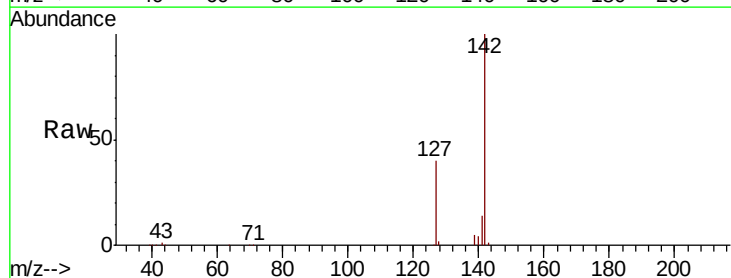
RT: 4.11 min Scan# 390

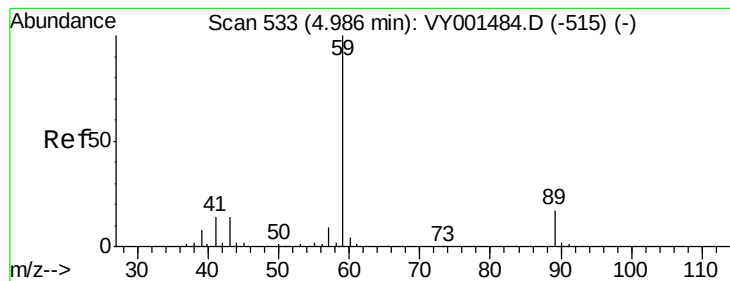
Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	142	Resp:	111069
Ion Ratio	Lower	Upper	
142	100		
127	39.8	33.3	49.9
141	14.3	11.5	17.3





#11

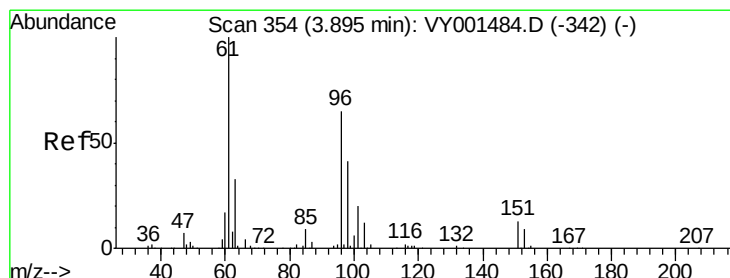
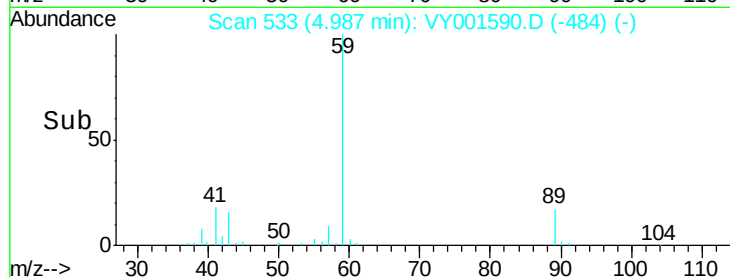
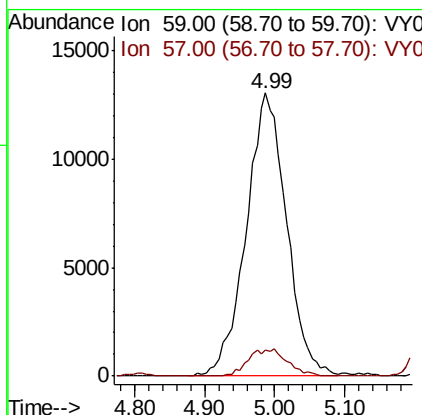
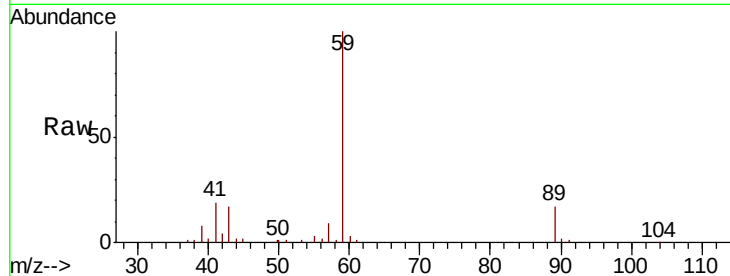
Tert butyl alcohol
 Concen: 230.364 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.0	10.6

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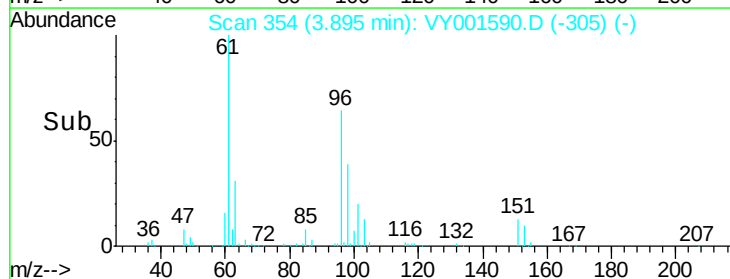
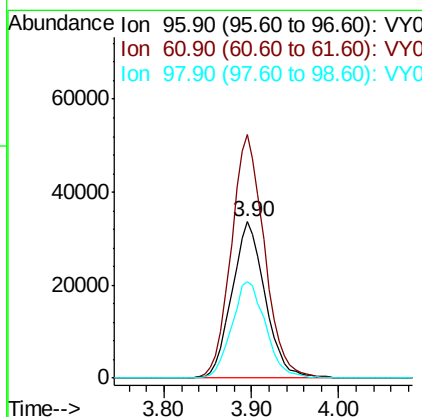
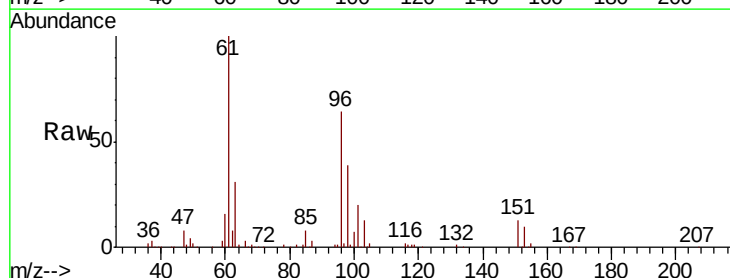
MMDadoda
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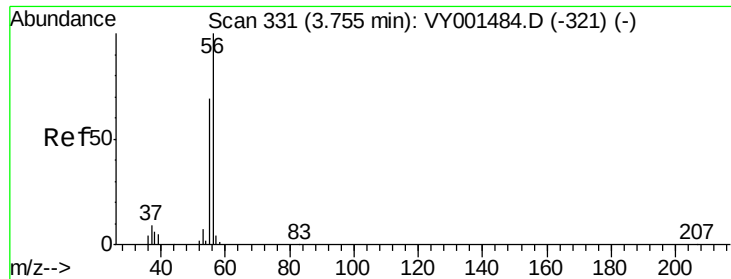


#12

1,1-Dichloroethene
 Concen: 42.554 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	122.3	183.5
98	61.4	49.7	74.5





#13

Acrolein

Concen: 262.088 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 49585

Ion Ratio Lower Upper

56 100

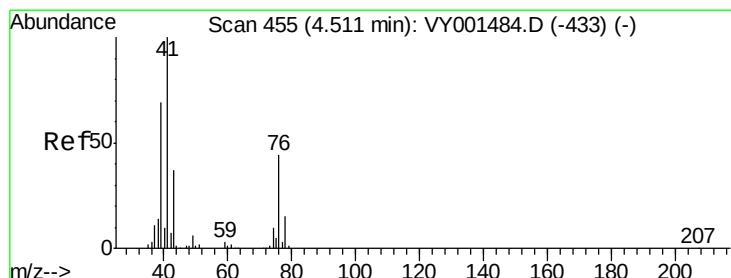
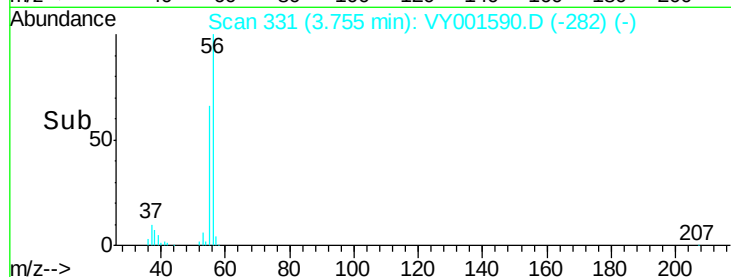
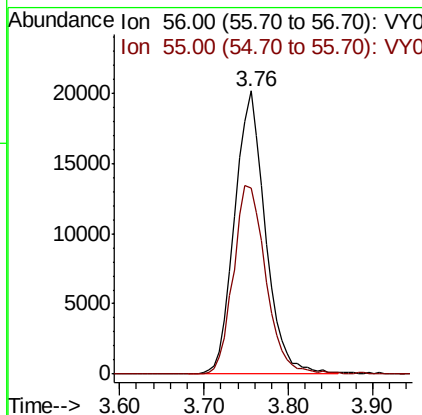
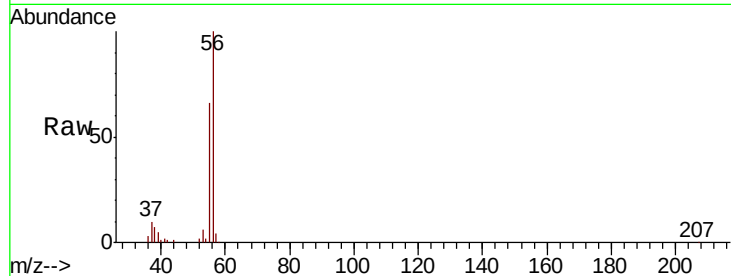
55 70.2 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.944 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

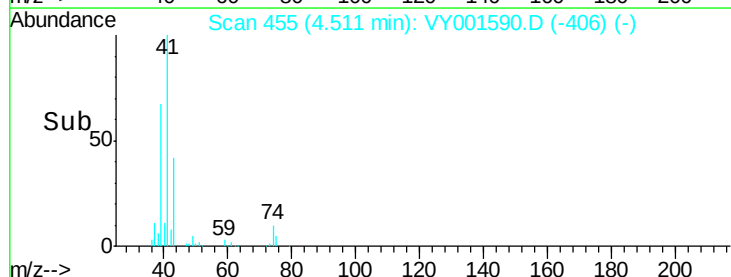
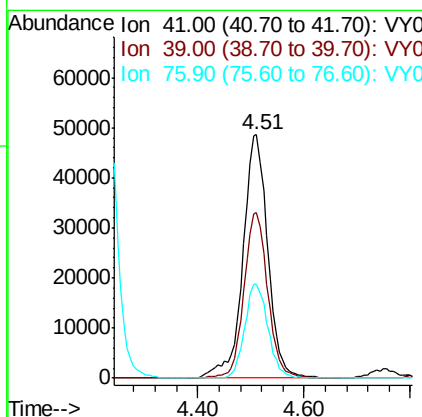
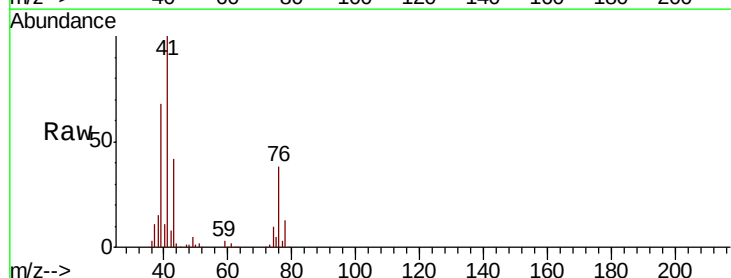
Tgt Ion: 41 Resp: 156212

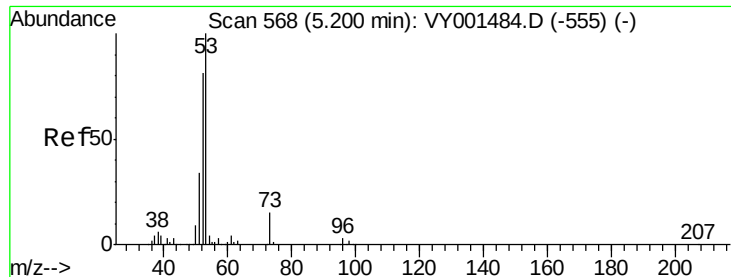
Ion Ratio Lower Upper

41 100

39 65.0 53.0 79.6

76 36.1 32.6 48.8





#15

Acrylonitrile

Concen: 265.268 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

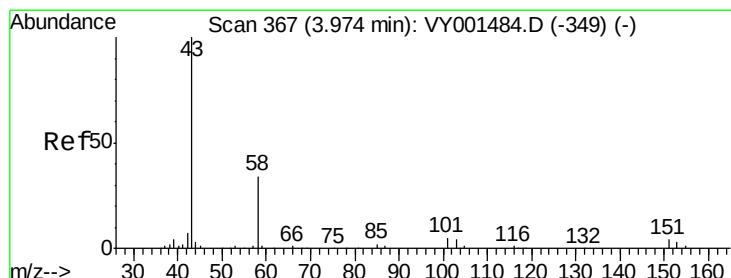
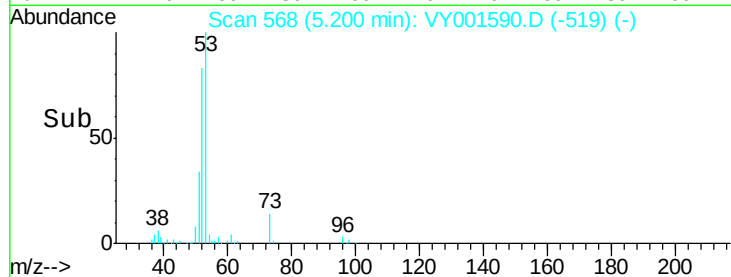
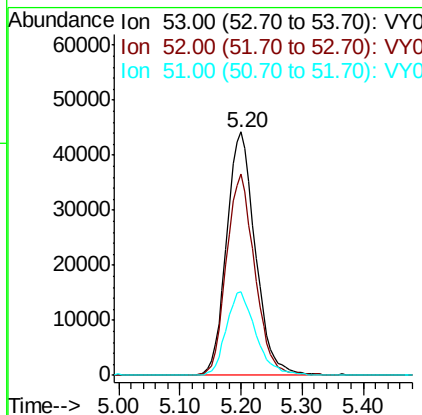
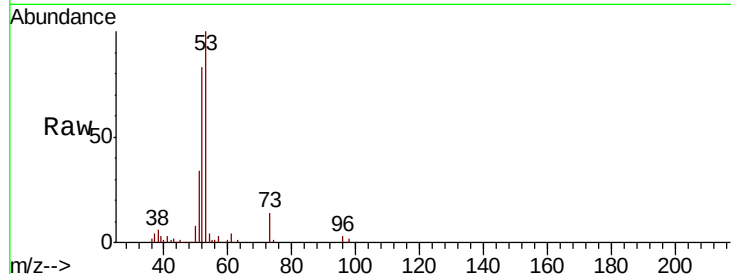
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	143198
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.4	98.2
51	35.3	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 229.275 ug/l

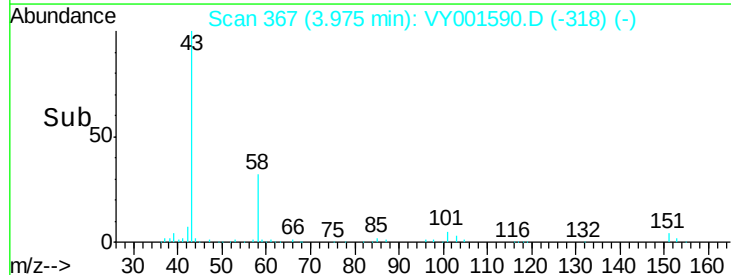
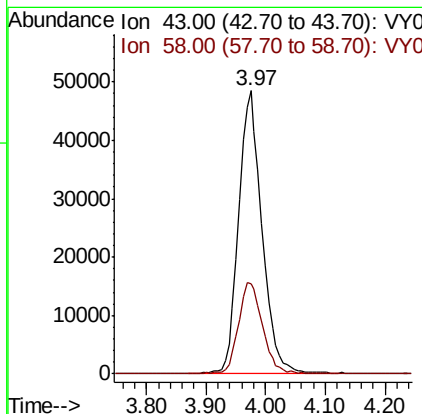
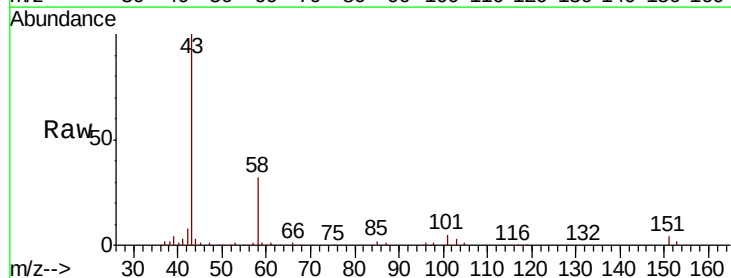
RT: 3.97 min Scan# 367

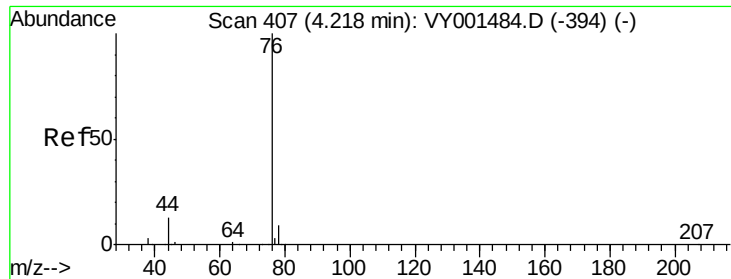
Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	43	Resp:	132511
Ion	Ratio	Lower	Upper
43	100		
58	31.9	27.5	41.3





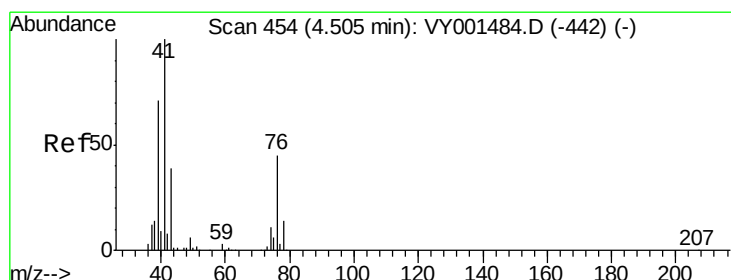
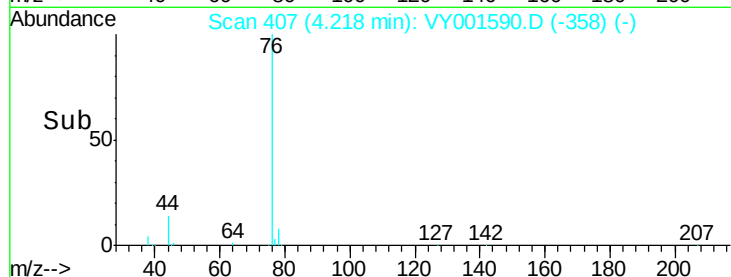
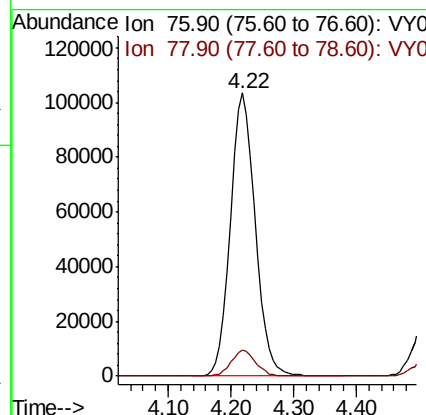
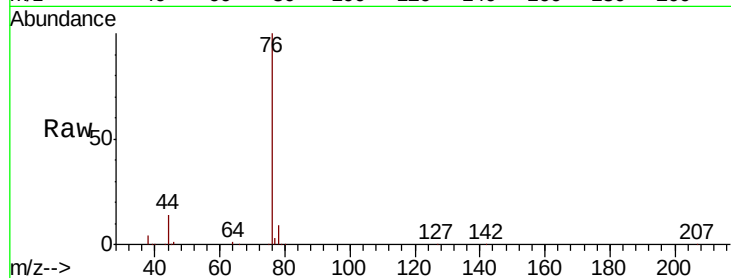
#17
Carbon Disulfide
Concen: 42.681 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

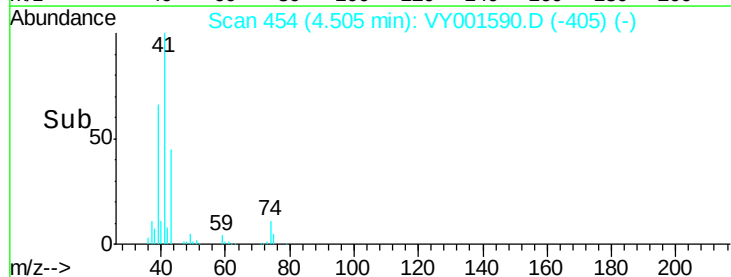
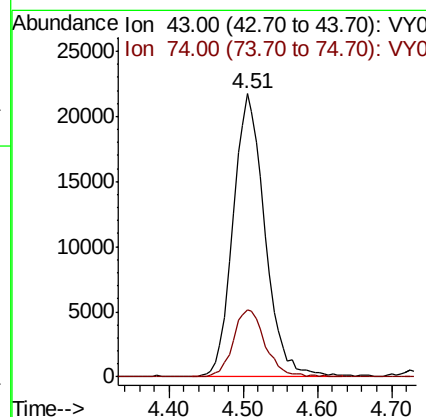
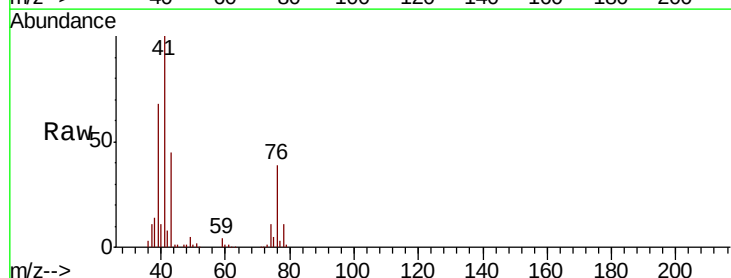
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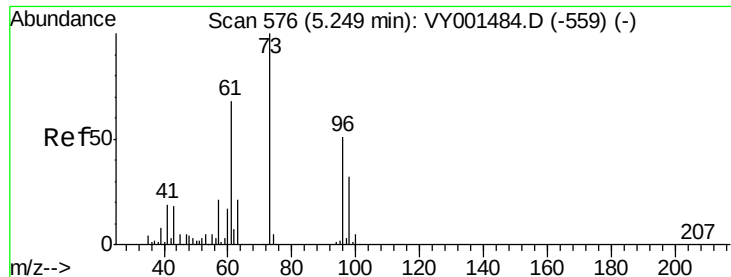
MMDadoda
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#18
Methyl Acetate
Concen: 52.753 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	21.0	31.6





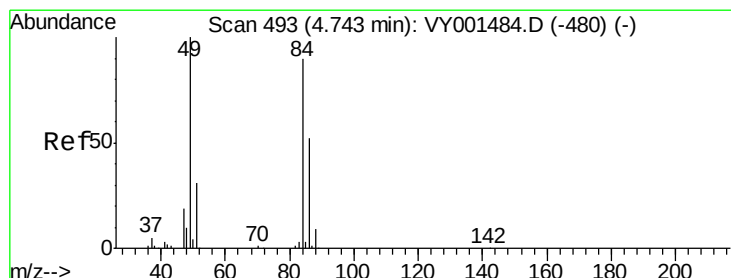
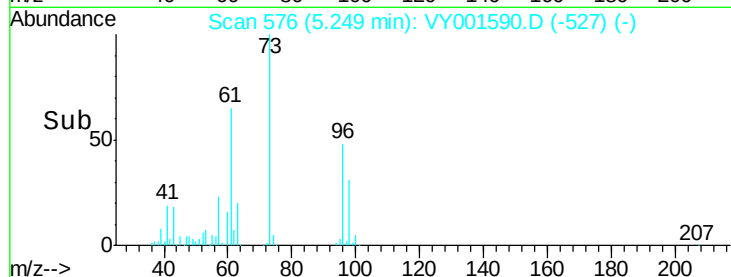
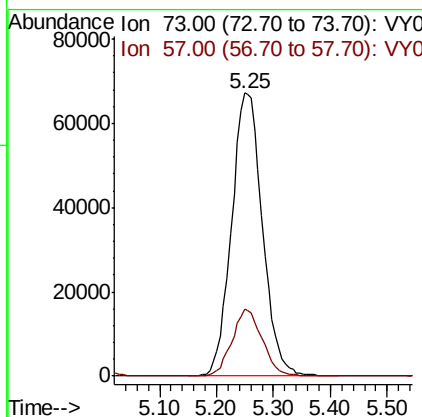
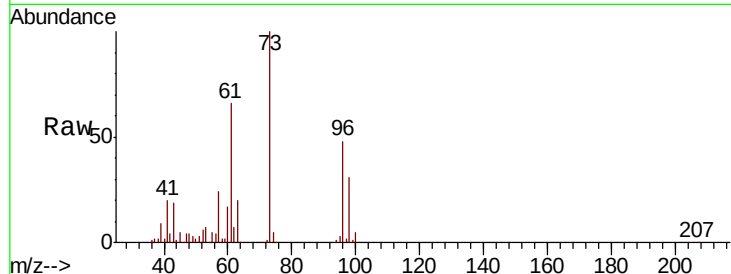
#19
Methyl tert-butyl Ether
Concen: 45.782 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 254020
Ion Ratio Lower Upper
73 100
57 23.6 17.0 25.6

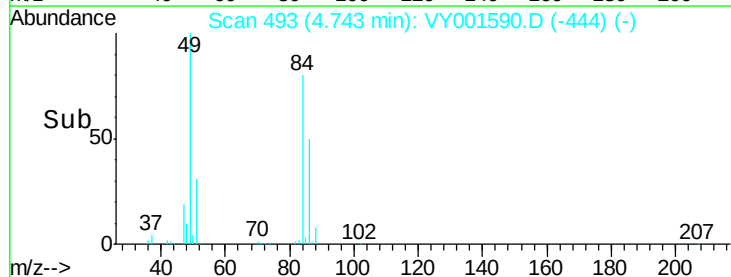
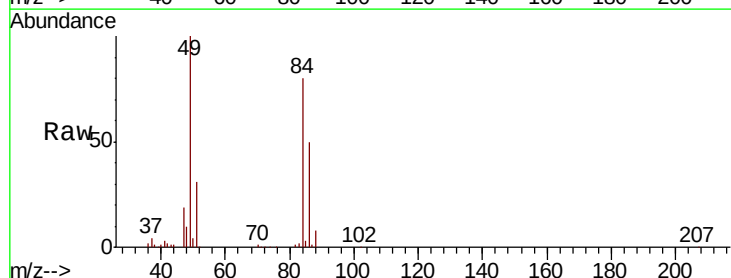
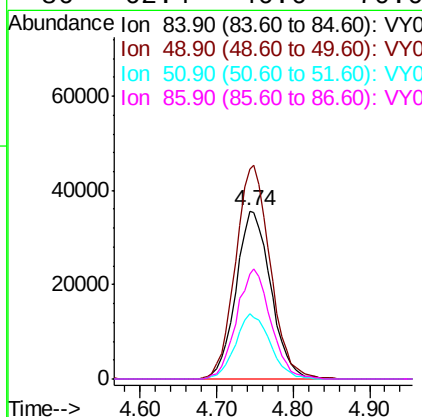
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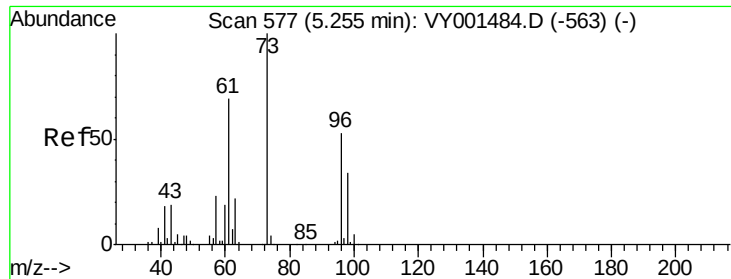
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#20
Methylene Chloride
Concen: 49.648 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion: 84 Resp: 112430
Ion Ratio Lower Upper
84 100
49 124.6 89.0 133.6
51 38.8 27.4 41.2
86 62.4 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 43.207 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

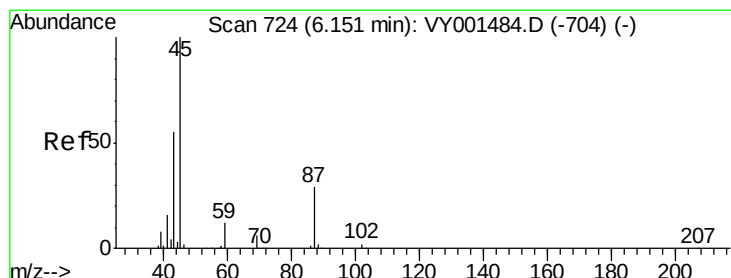
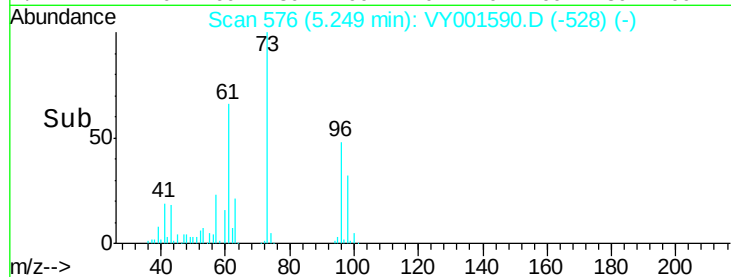
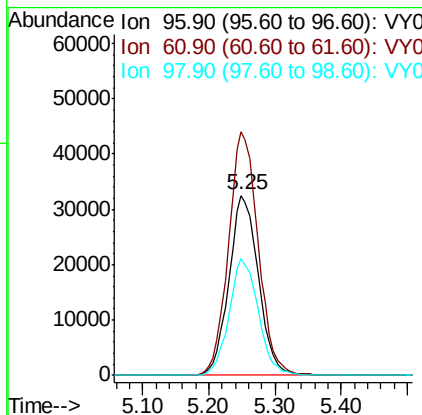
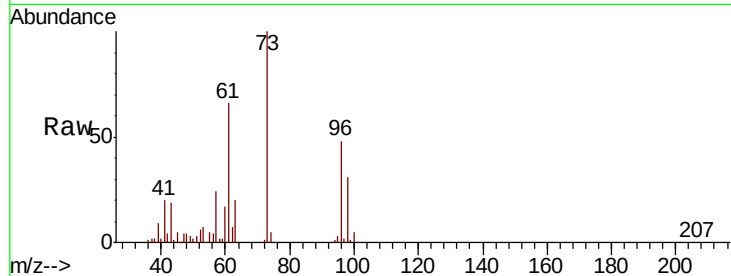
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	100214
Ion	Ratio	Lower	Upper
96	100		
61	135.5	104.2	156.4
98	65.1	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.031 ug/l

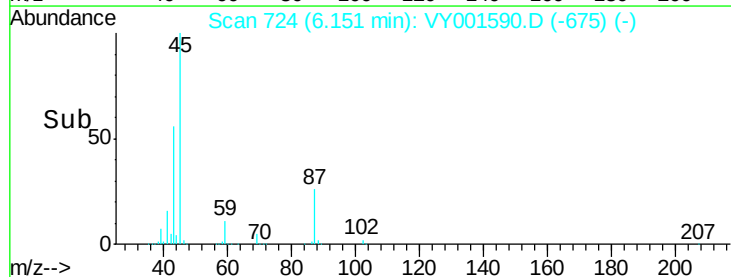
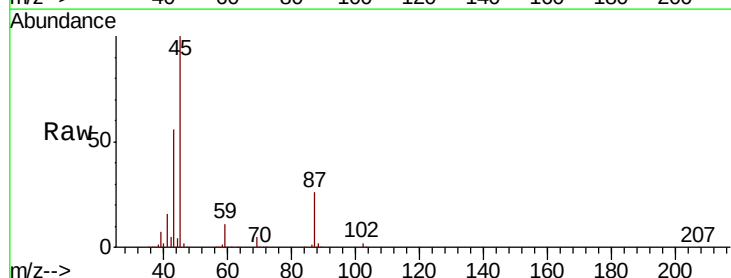
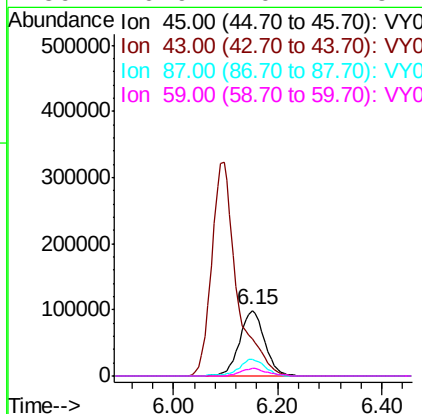
RT: 6.15 min Scan# 724

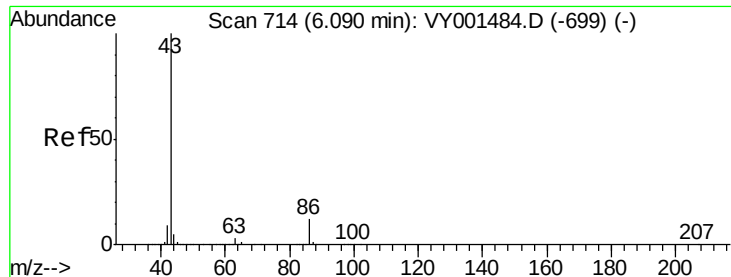
Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	45	Resp:	329011
Ion	Ratio	Lower	Upper
45	100		
43	56.2	44.2	66.4
87	26.0	23.9	35.9
59	10.9	10.2	15.2





#23

Vinyl Acetate

Concen: 270.461 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tot Ion: 43 Resp: 1088718

Ion Ratio Lower Upper

43 100

86 10.6 9.8 14.8

Instrument :

MSVOA_Y

ClientSampleId :

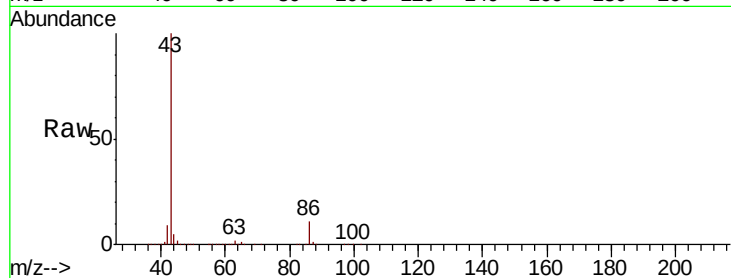
VSTDCCC050EC

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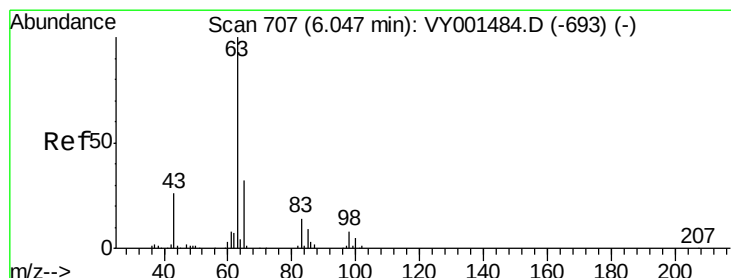
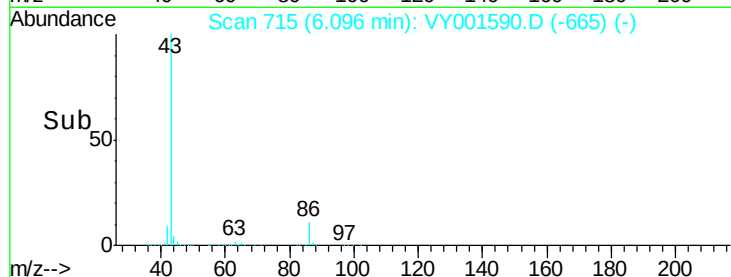
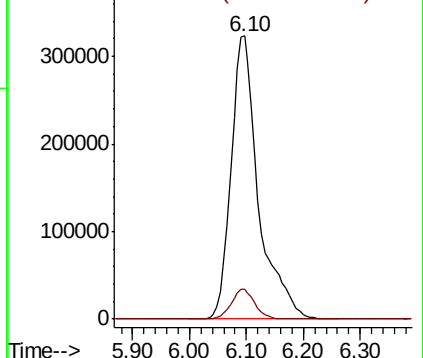
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 45.882 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

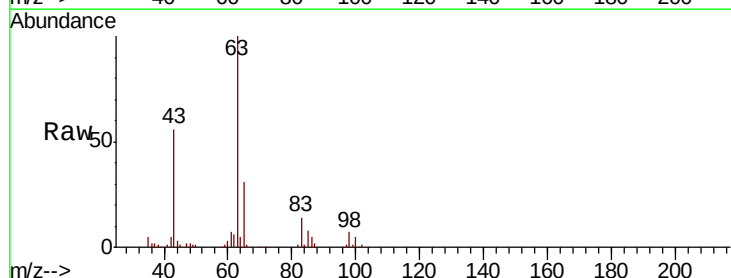
Tgt Ion: 63 Resp: 174511

Ion Ratio Lower Upper

63 100

98 7.5 4.0 11.9

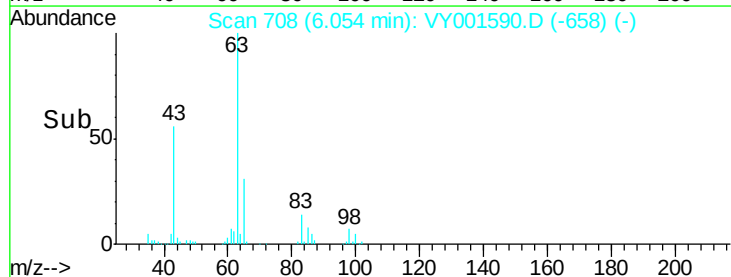
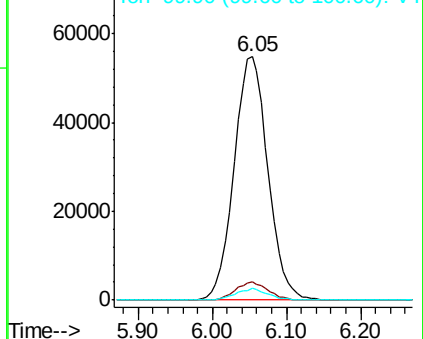
100 4.8 2.6 8.0

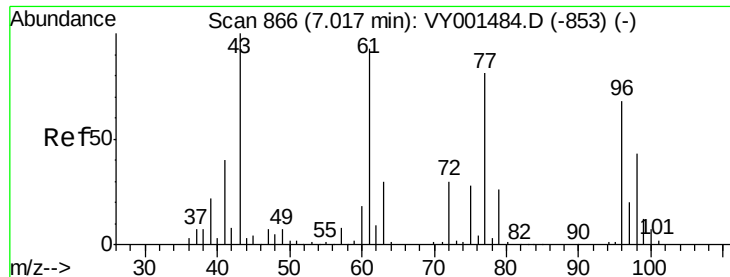


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 267.699 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 200723

Ion Ratio Lower Upper

43 100

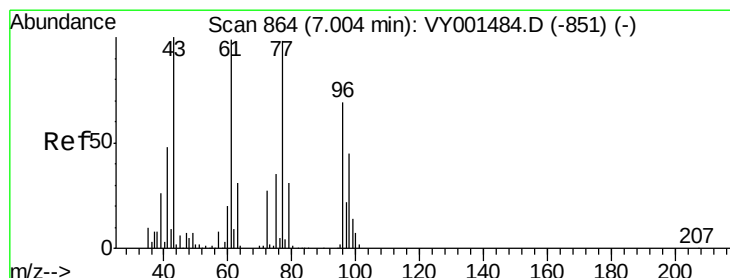
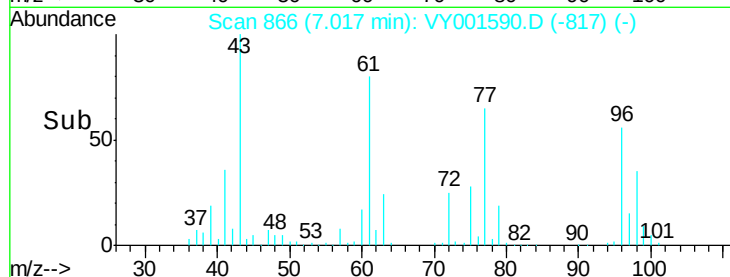
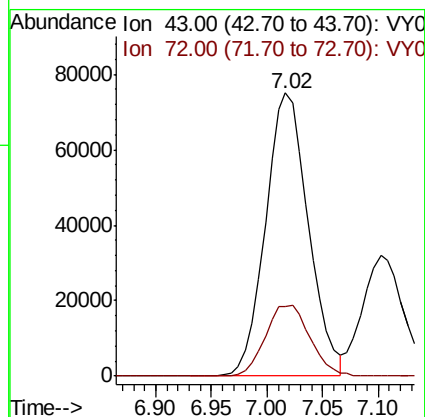
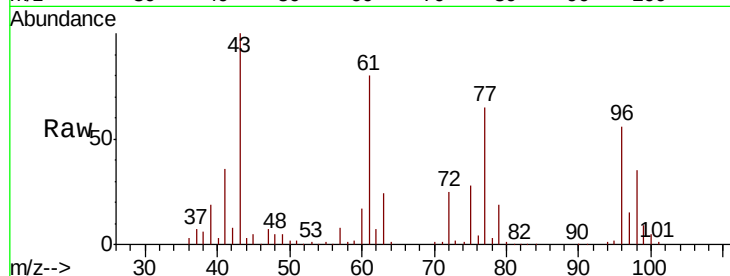
72 24.7 23.8 35.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.727 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001590.D

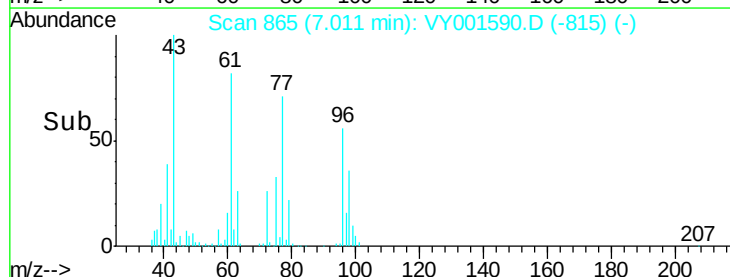
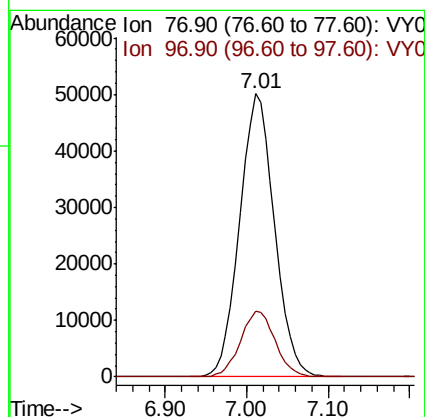
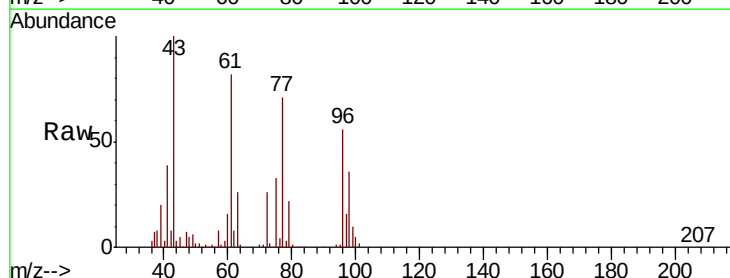
Acq: 10 Feb 2020 17:41

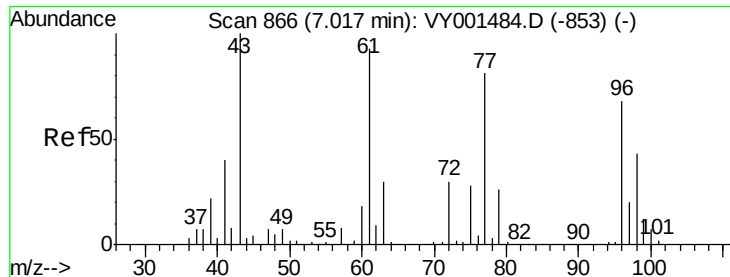
Tgt Ion: 77 Resp: 148252

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

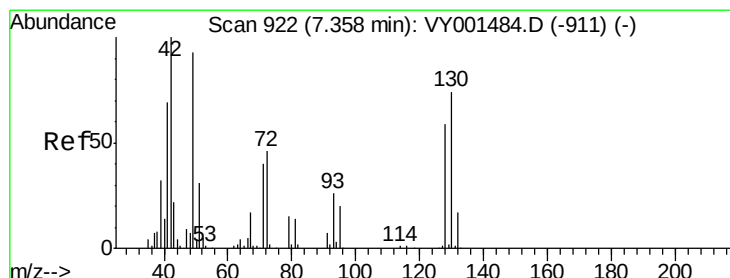
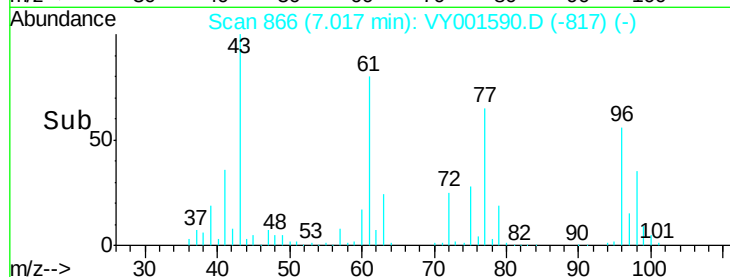
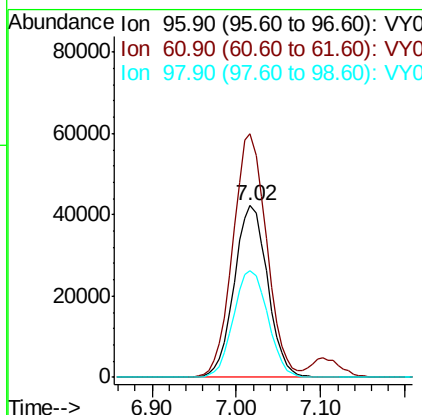
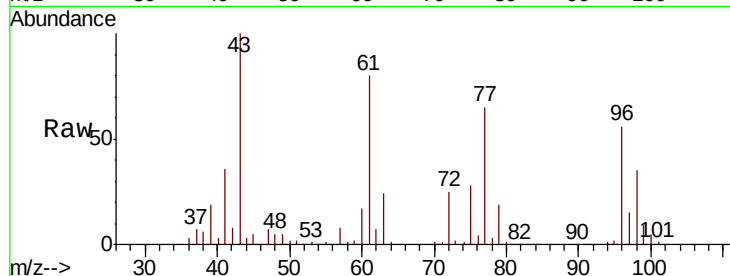
cis-1,2-Dichloroethene
Concen: 44.718 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	278.8
98	64.3	0.0	128.8

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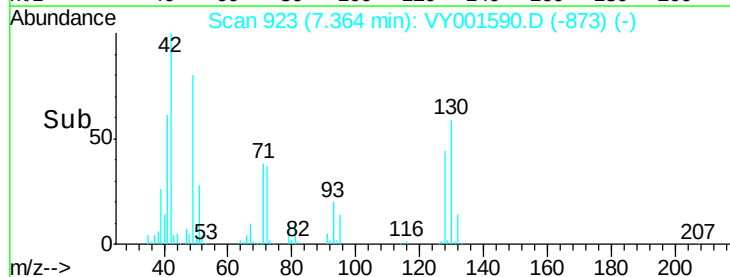
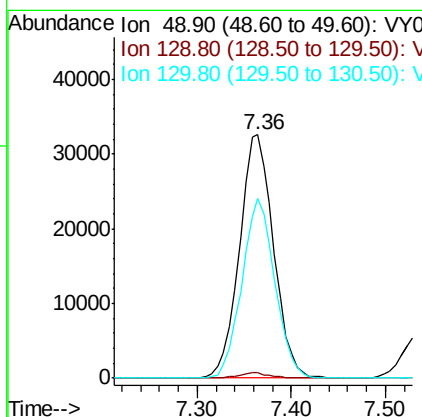
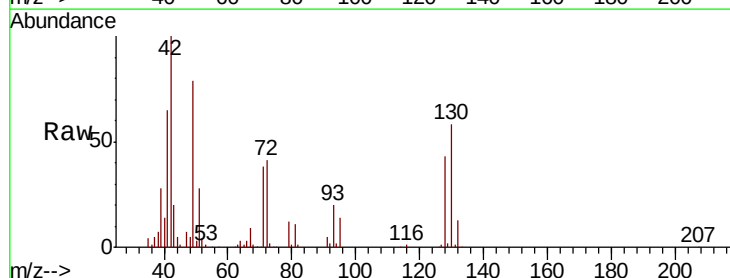
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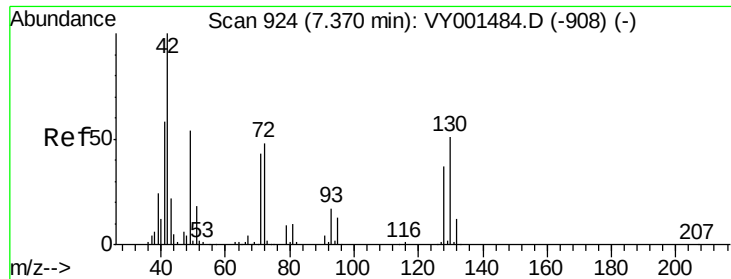


#28

Bromochloromethane
Concen: 63.476 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	71.2	65.4	98.2





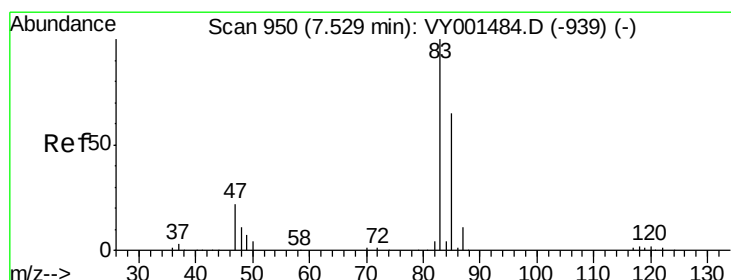
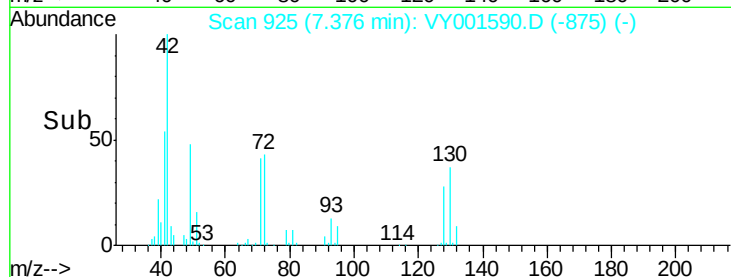
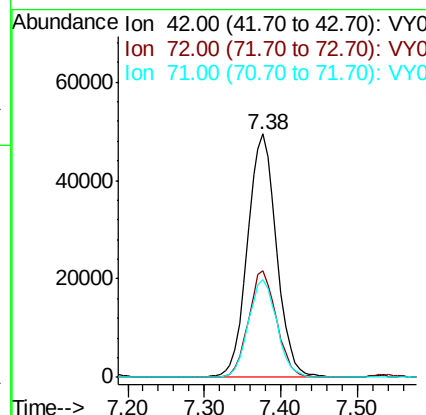
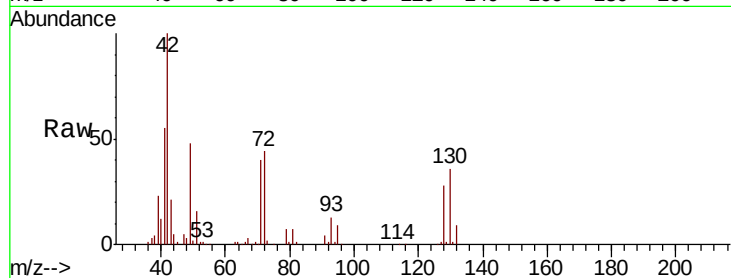
#29
Tetrahydrofuran
Concen: 290.246 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.8	56.6
71	39.3	34.8	52.2

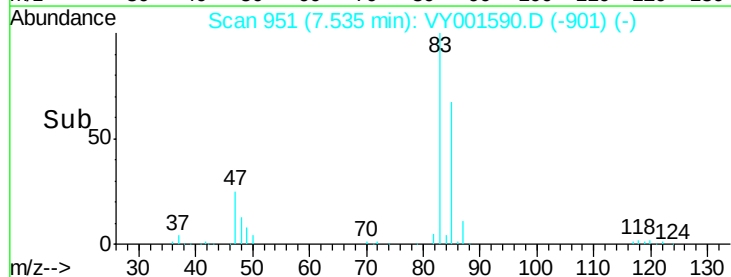
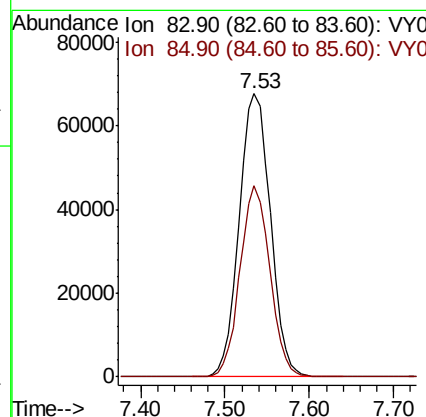
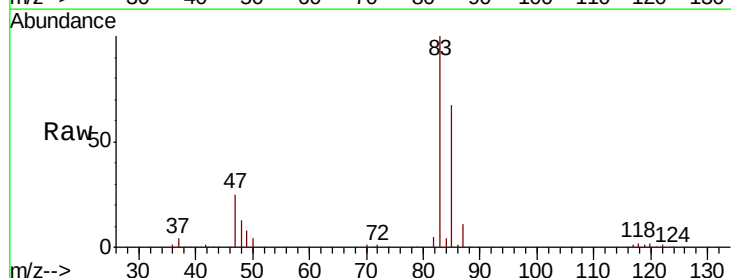
Manual Integrations
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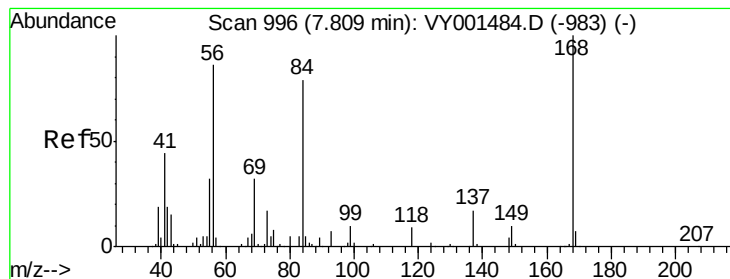
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#30
Chloroform
Concen: 43.843 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.4	78.6





#31

Cyclohexane

Concen: 44.783 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

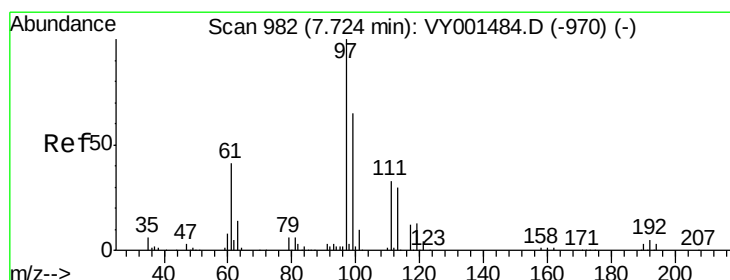
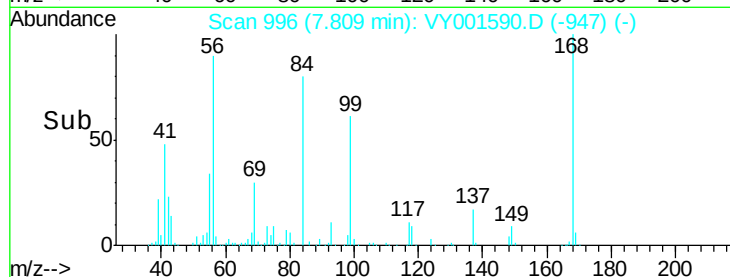
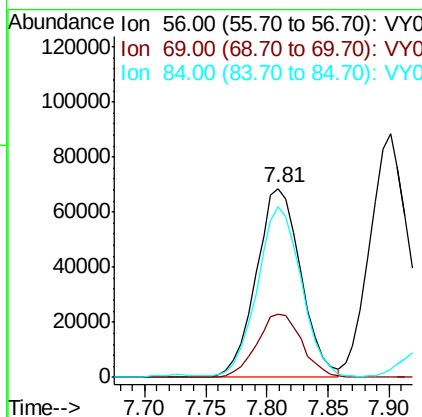
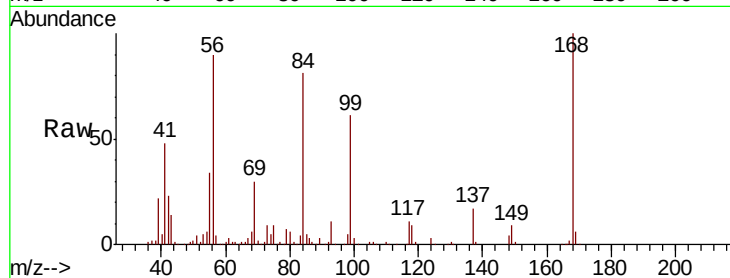
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	174236
Ion	Ratio	Lower	Upper
56	100		
69	33.5	29.6	44.4
84	89.1	73.6	110.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 41.609 ug/l

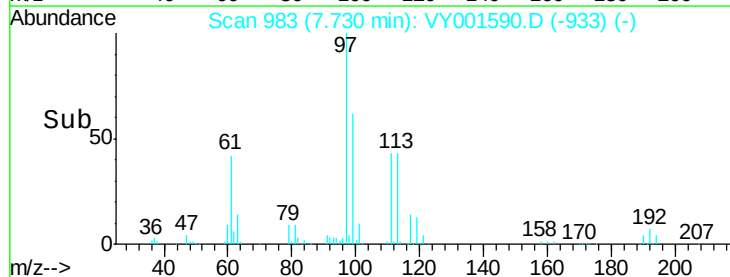
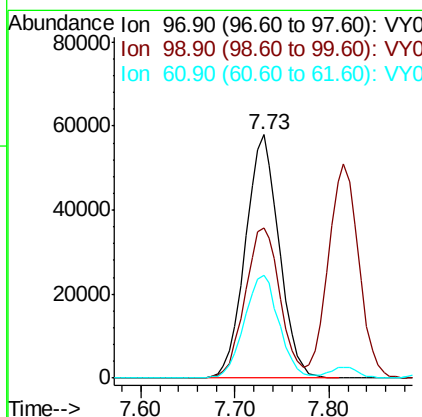
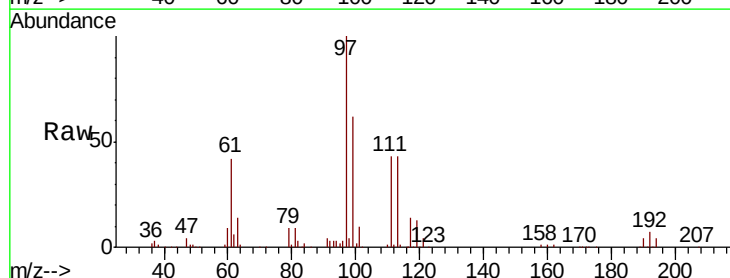
RT: 7.73 min Scan# 983

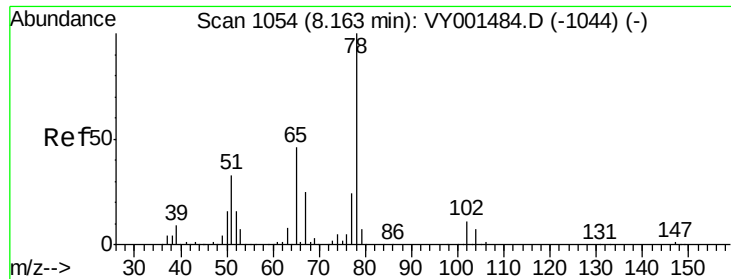
Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	97	Resp:	145343
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	43.4	32.5	48.7





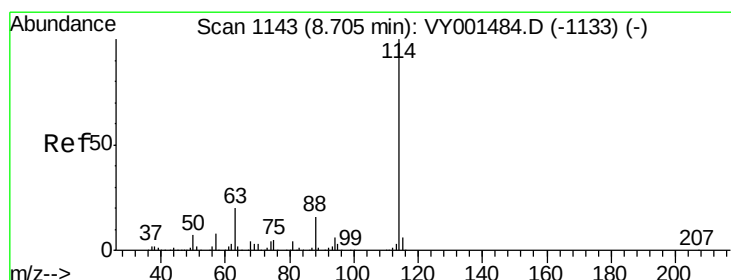
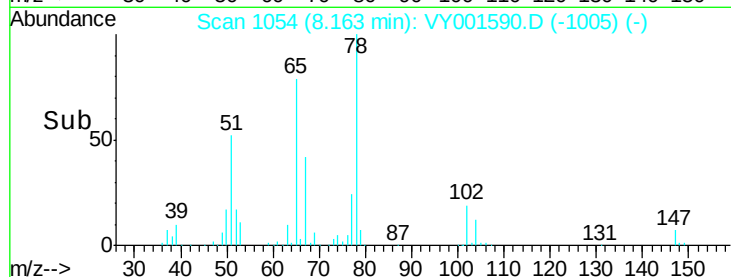
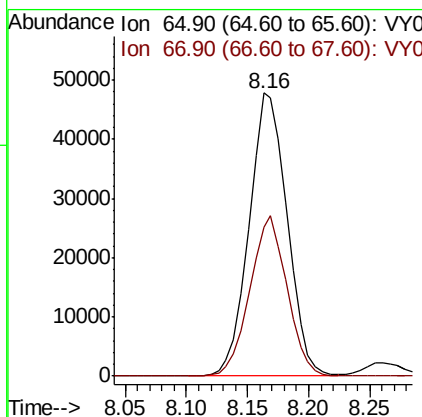
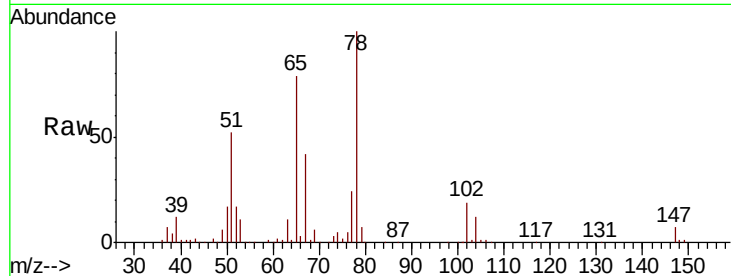
#33
 1,2-Dichloroethane-d4
 Concen: 51.820 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	108.6	

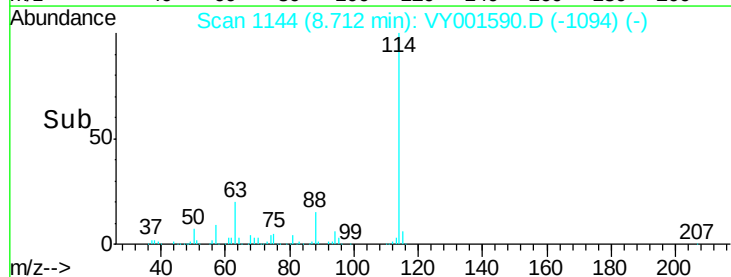
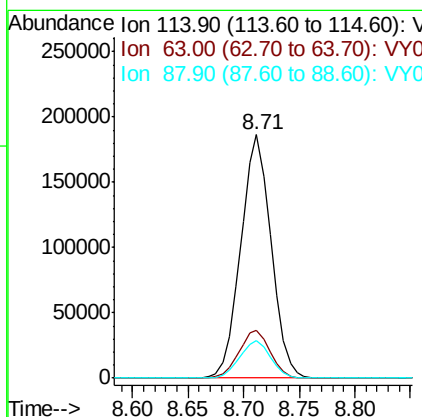
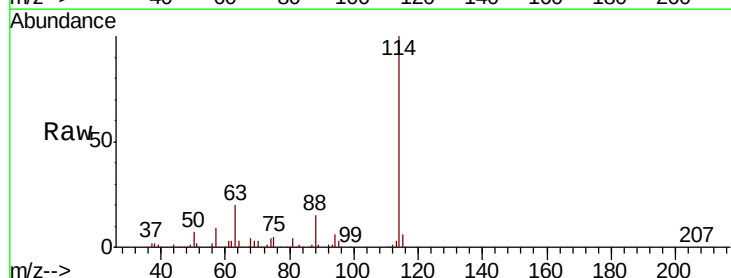
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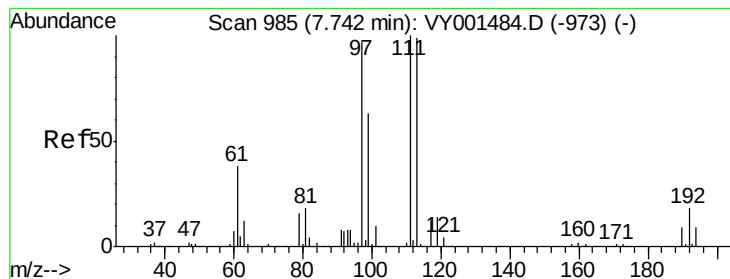
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	39.8	
88	15.5	0.0	32.6	





#35

Dibromofluoromethane

Concen: 47.762 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

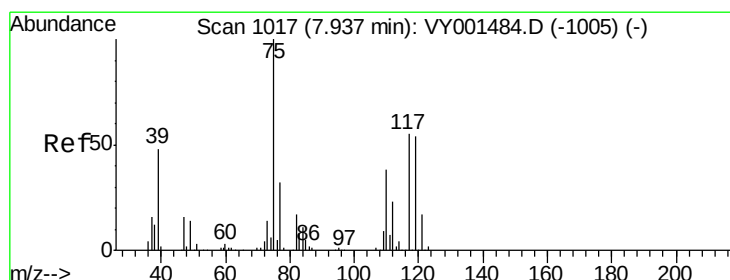
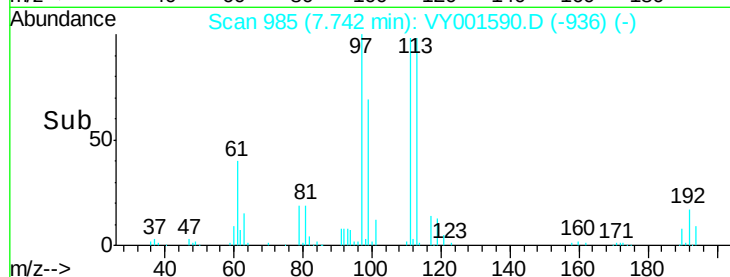
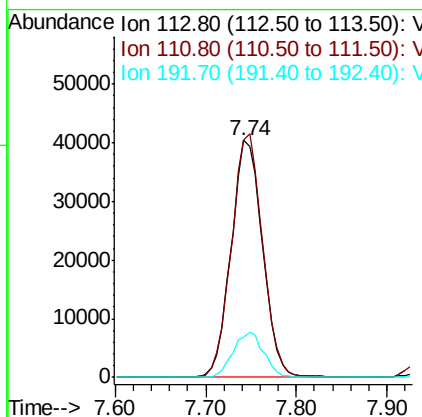
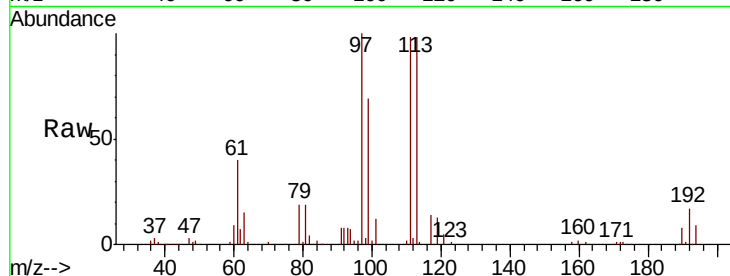
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	97172
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	18.5	14.6	22.0

Manual Integrations
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2/11/2020 6:11:08 PM



#36

1,1-Dichloropropene

Concen: 43.161 ug/l

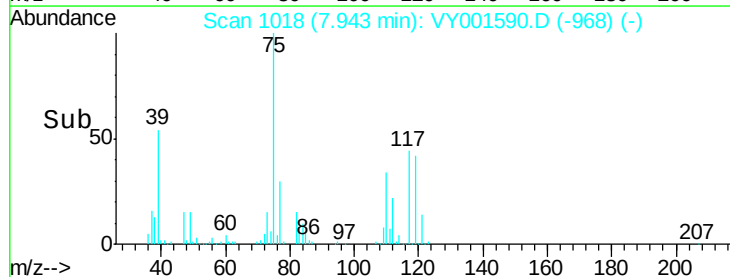
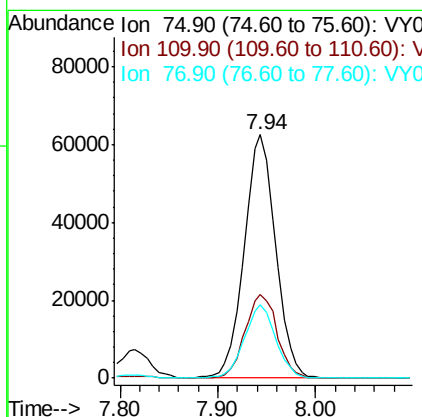
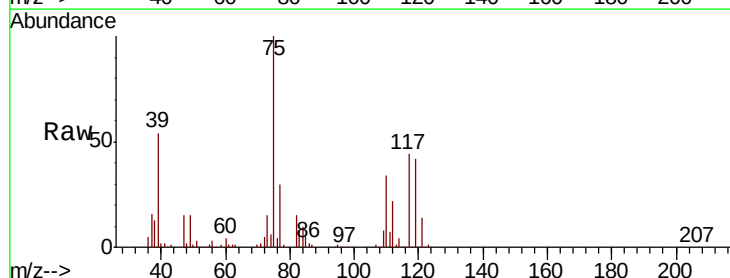
RT: 7.94 min Scan# 1018

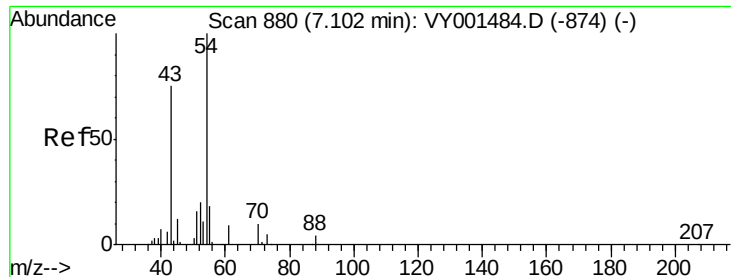
Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	75	Resp:	139307
Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.2	54.6
77	30.3	25.0	37.4





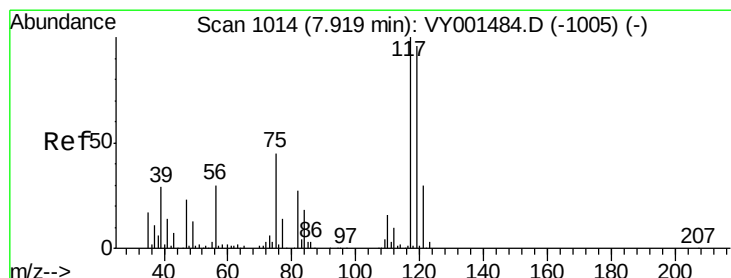
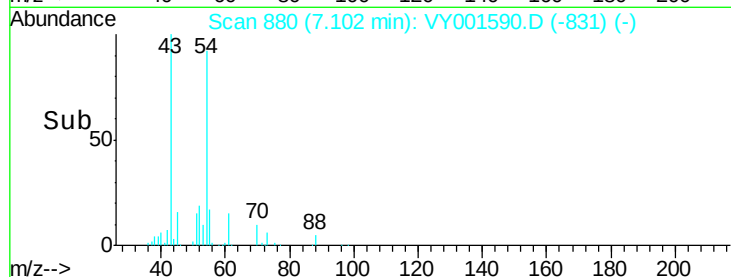
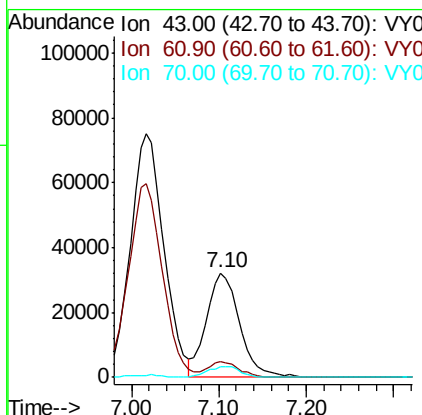
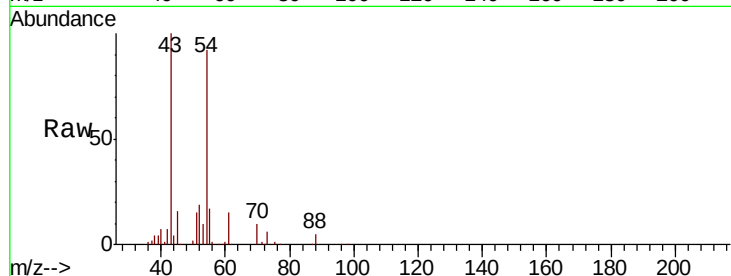
#37
Ethyl Acetate
Concen: 54.434 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.0	18.0
70	10.3	10.2	15.4

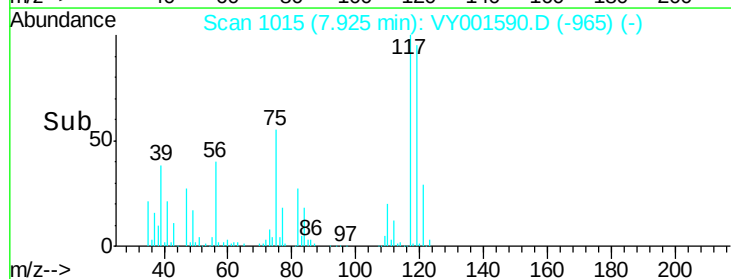
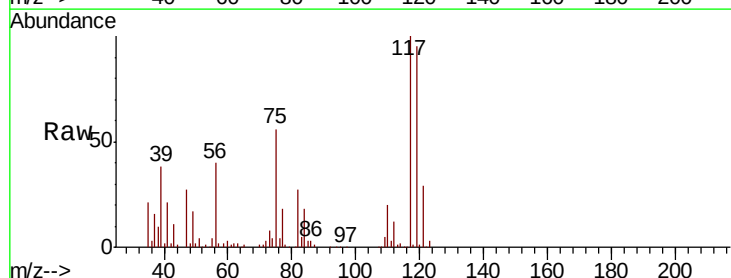
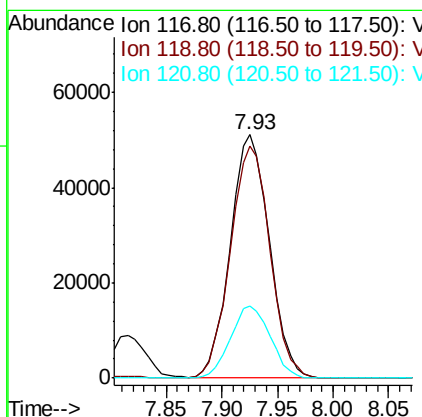
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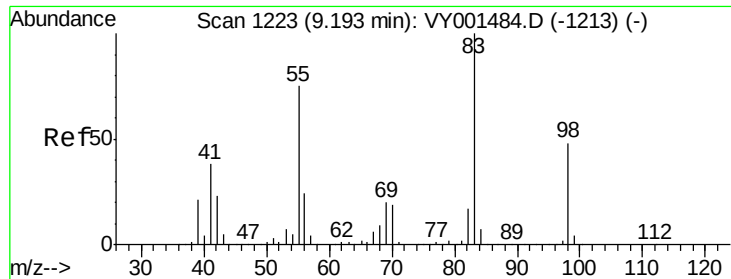
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#38
Carbon Tetrachloride
Concen: 39.848 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.4	114.6
121	29.4	24.2	36.4





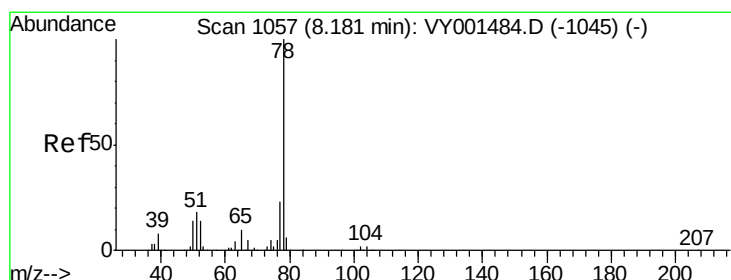
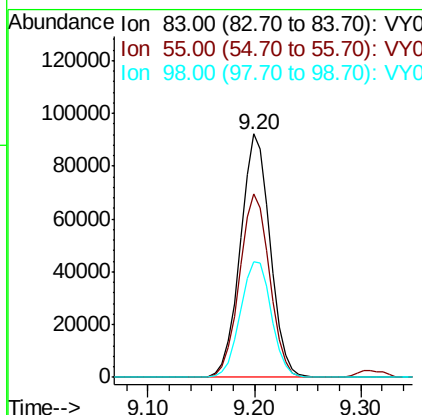
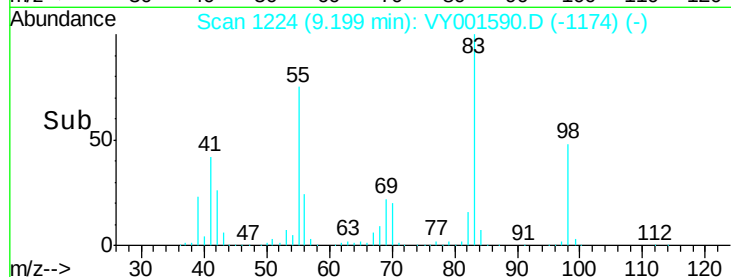
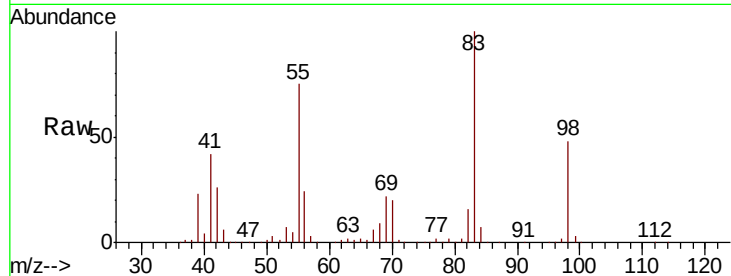
#39
Methylvlcyclohexane
Concen: 42.590 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	59.8	89.6
98	47.7	38.6	57.8

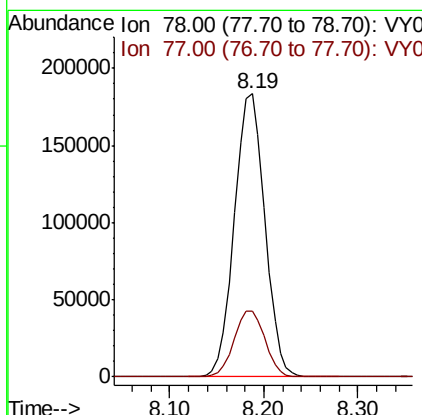
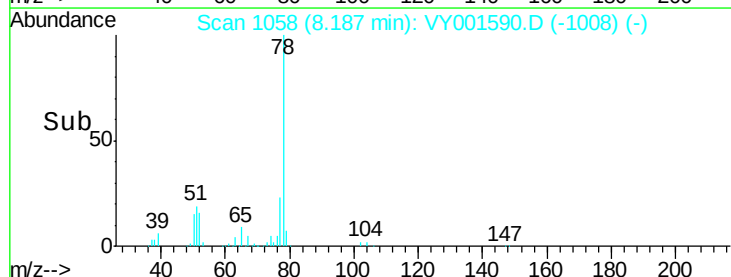
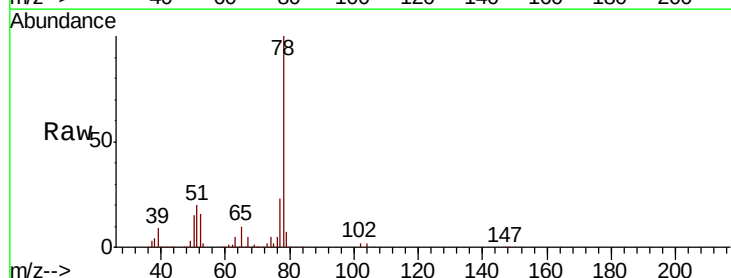
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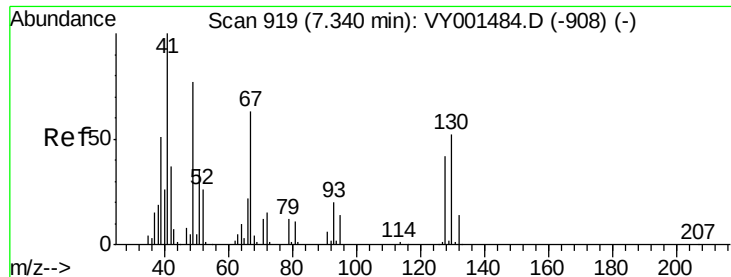
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2/11/2020 6:11:08 PM



#40
Benzene
Concen: 44.738 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.5	27.7





#41

Methacrylonitrile

Concen: 55.357 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 40087

Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

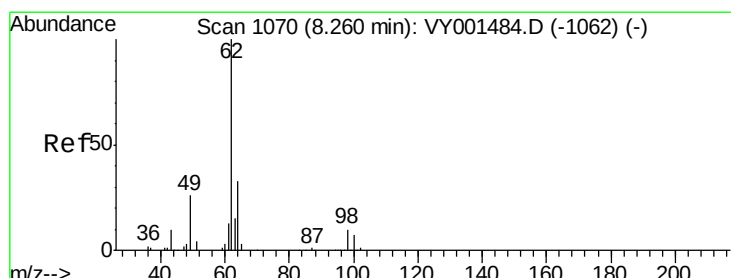
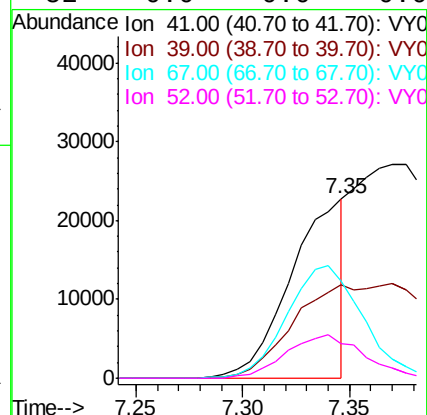
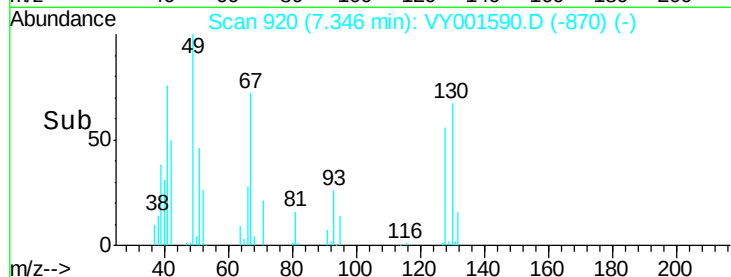
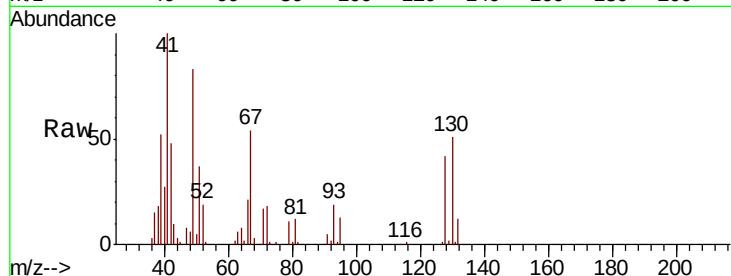
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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2/11/2020 6:11:08 PM



#42

1,2-Dichloroethane

Concen: 44.855 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001590.D

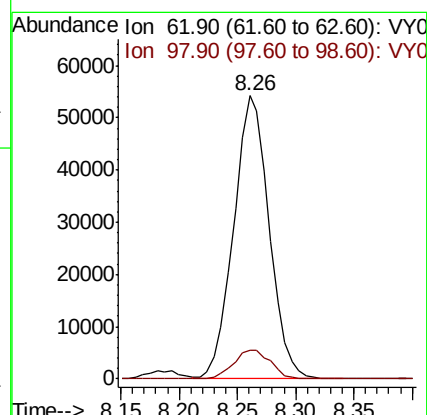
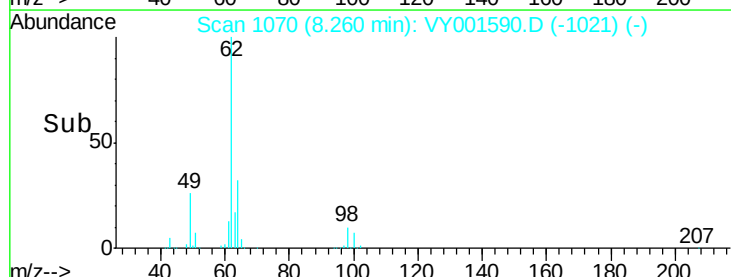
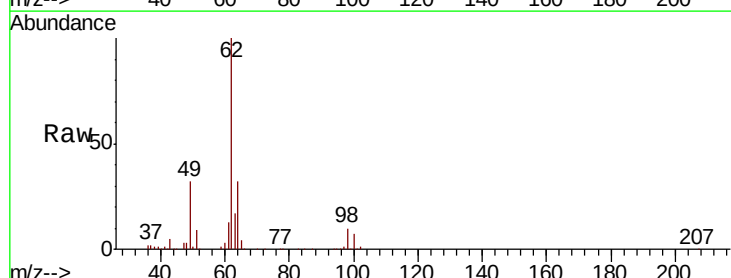
Acq: 10 Feb 2020 17:41

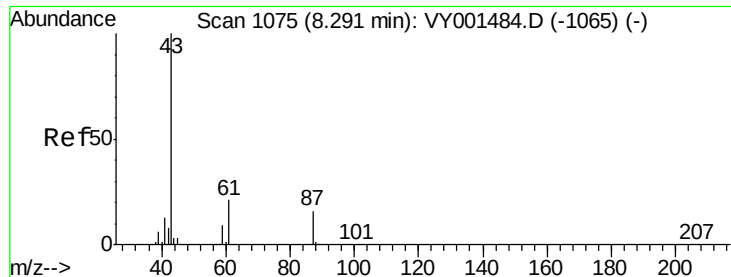
Tgt Ion: 62 Resp: 115046

Ion Ratio Lower Upper

62 100

98 10.7 0.0 21.0





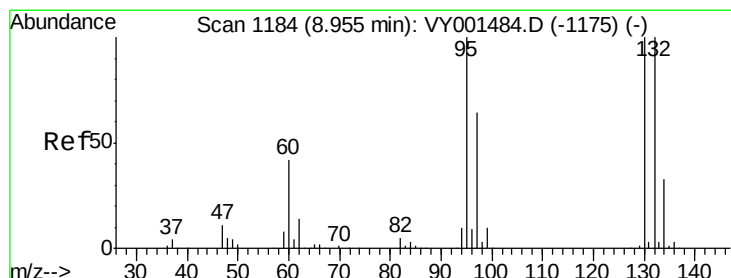
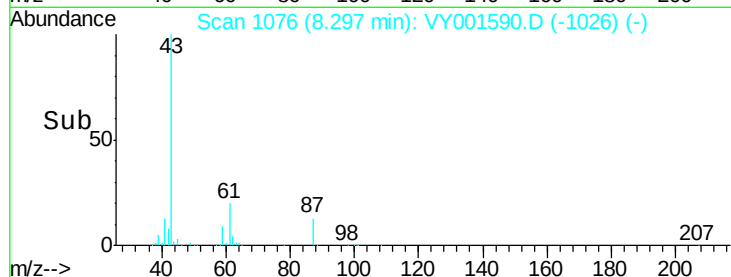
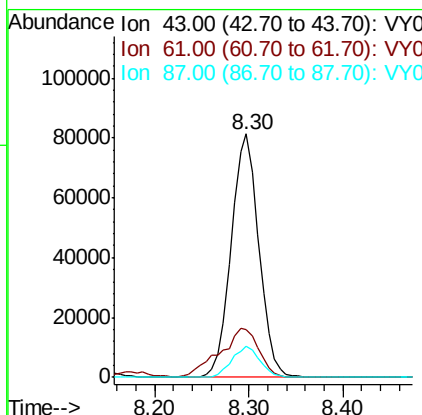
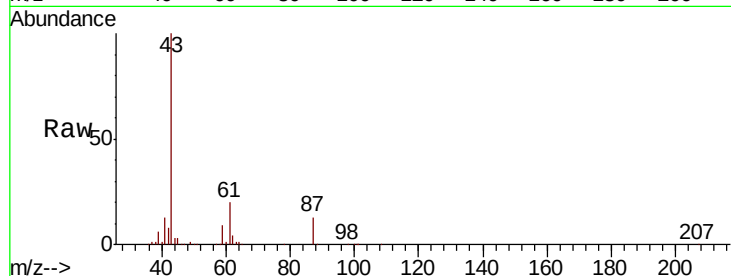
#43
Isopropyl Acetate
Concen: 53.540 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	25.1	37.7
87	13.1	12.6	19.0

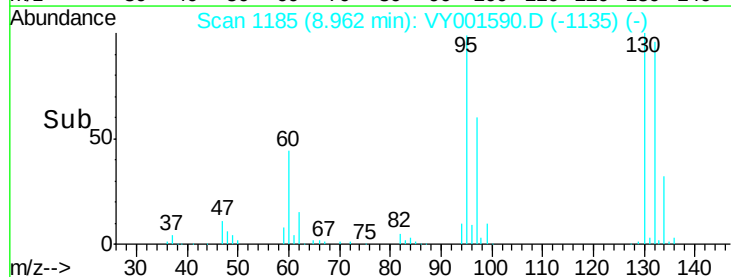
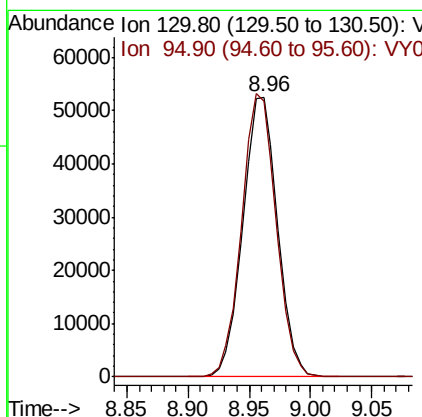
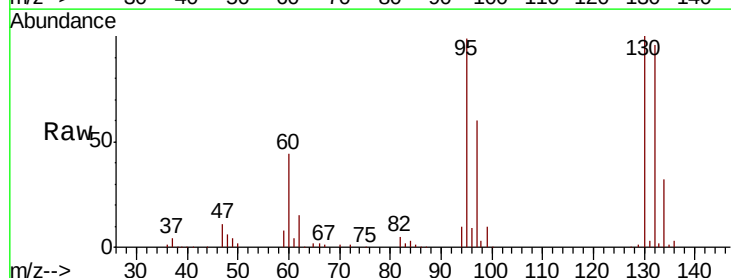
Manual Integrations
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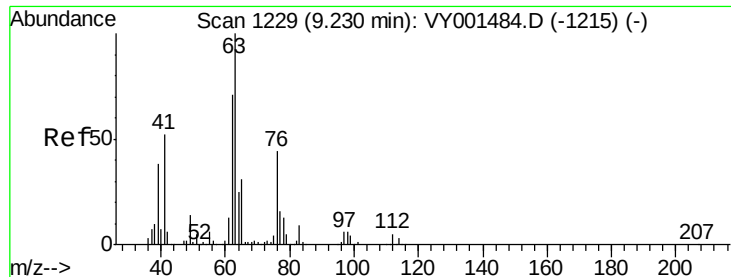
MMDadoda
2/11/2020 6:11:08 PM



#44
Trichloroethene
Concen: 41.720 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	199.2





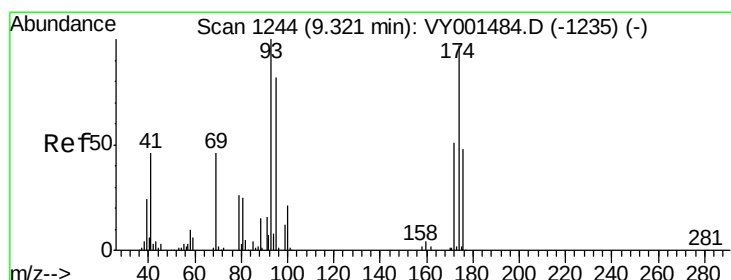
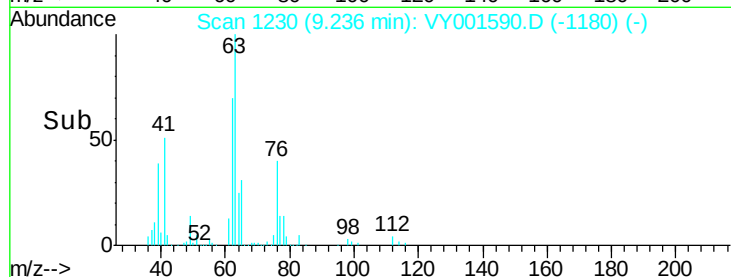
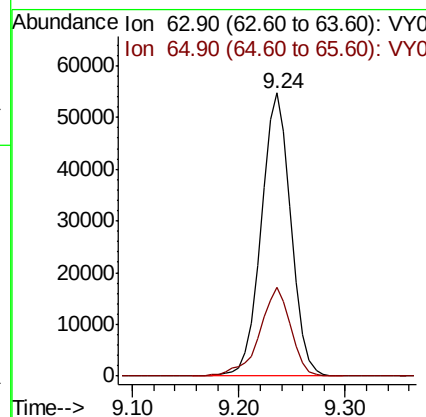
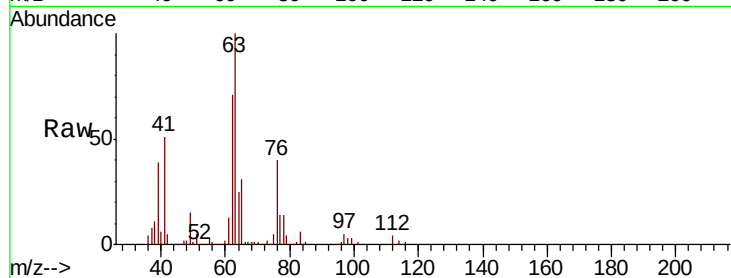
#45
 1,2-Dichloropropane
 Concen: 47.897 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 106477
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

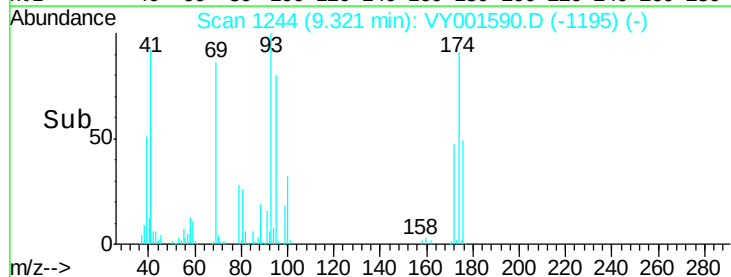
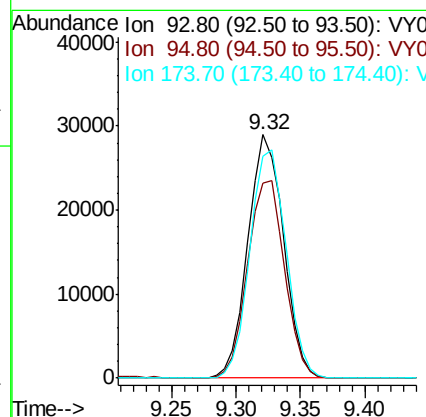
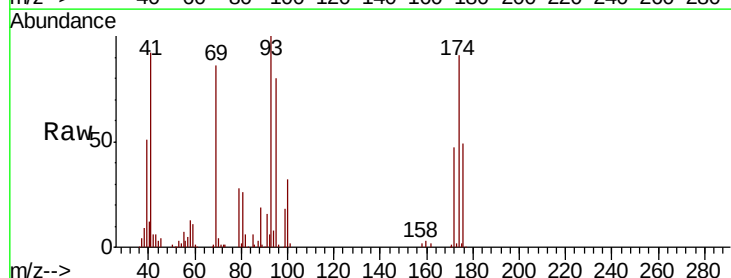
Manual Integrations
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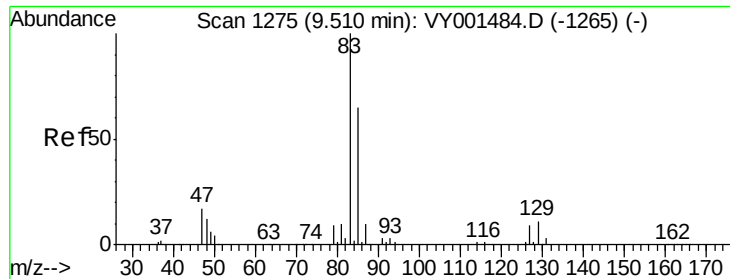
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 2/11/2020 6:11:08 PM



#46
 Dibromomethane
 Concen: 44.403 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion: 93 Resp: 55428
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.6 99.8
 174 95.2 75.4 113.2





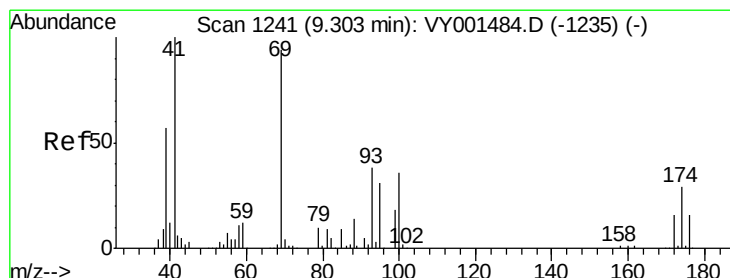
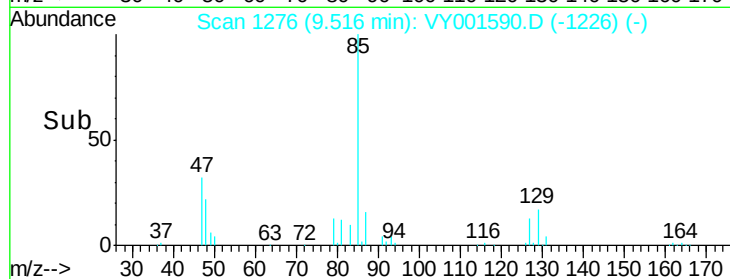
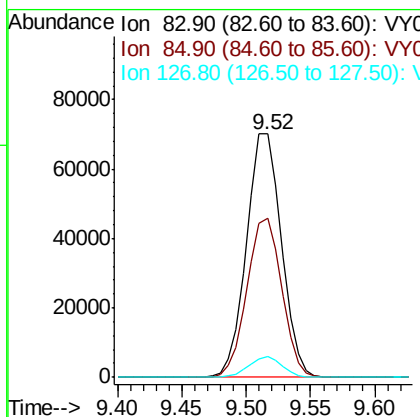
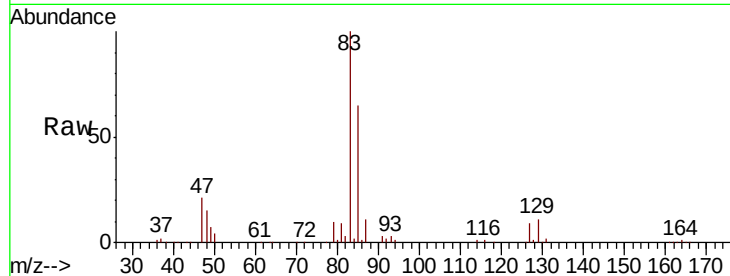
#47
Bromodichloromethane
Concen: 43.278 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.1	51.9	77.9	
127	8.7	6.9	10.3	

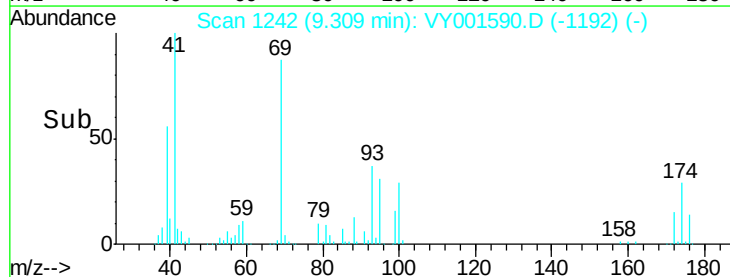
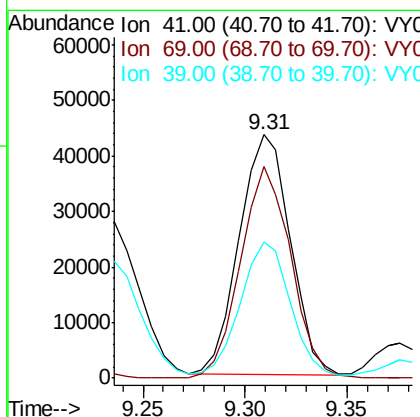
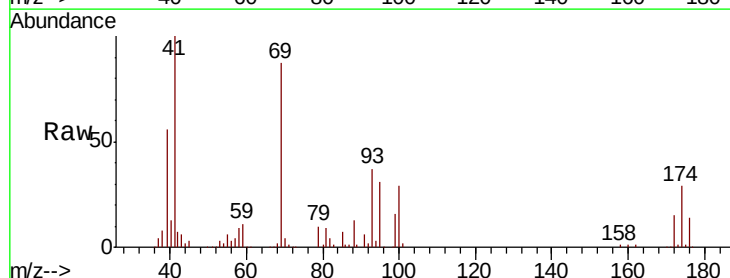
Manual Integrations
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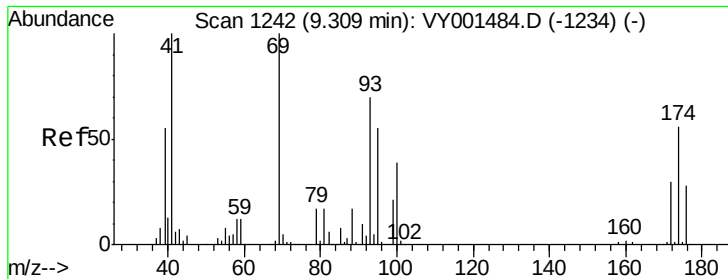
MMDadoda
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#48
Methyl methacrylate
Concen: 53.516 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	87.1	76.6	114.8	
39	54.0	45.4	68.0	





#49

1,4-Dioxane

Concen: 895.076 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001590.D

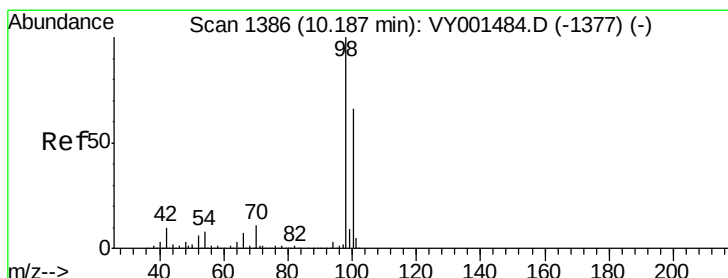
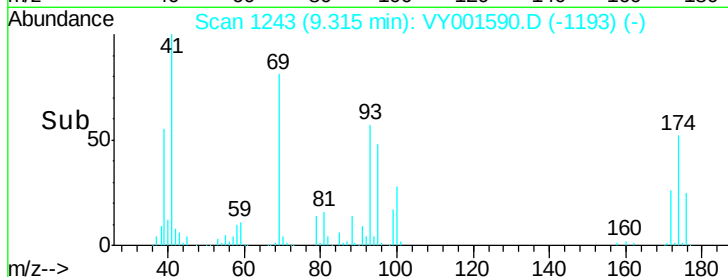
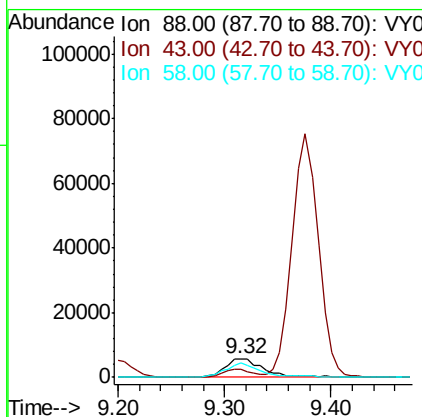
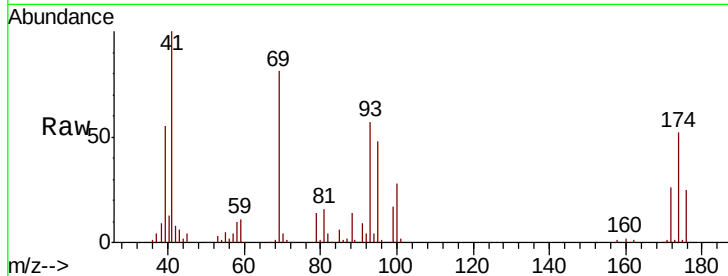
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	14756
Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.8	37.2
58	66.7	59.3	88.9

Manual Integrations
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#50

Toluene-d8

Concen: 52.013 ug/l

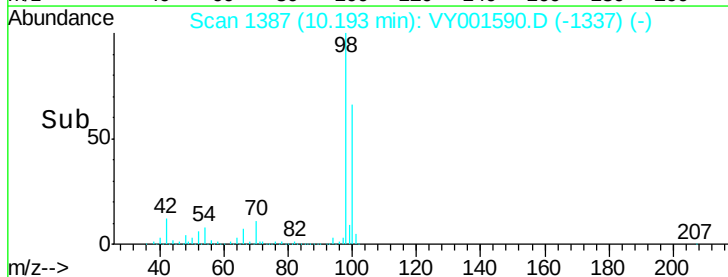
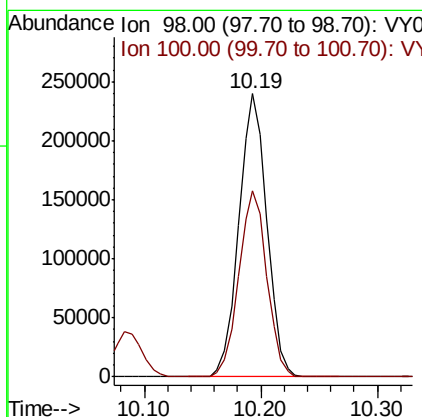
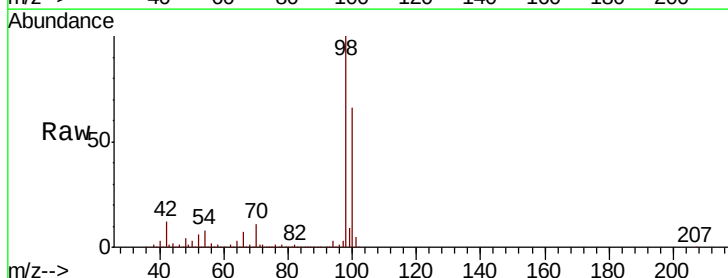
RT: 10.19 min Scan# 1387

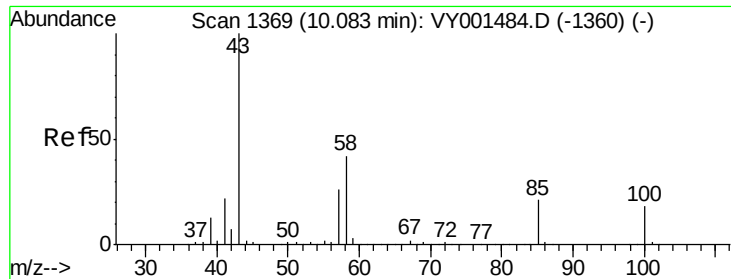
Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion	98	Resp	400366
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





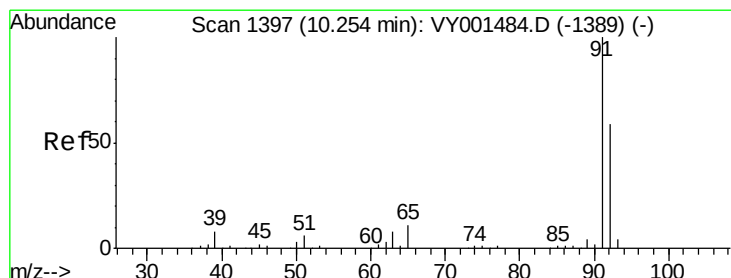
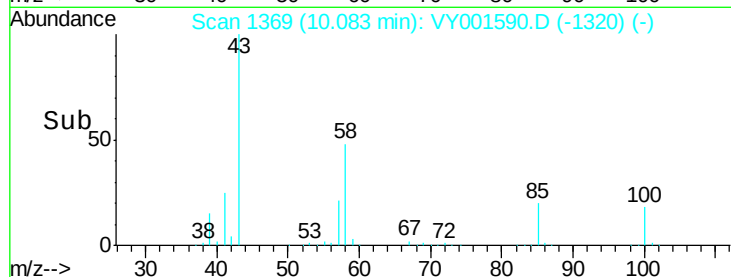
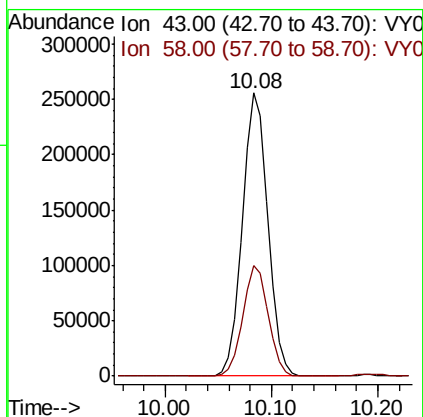
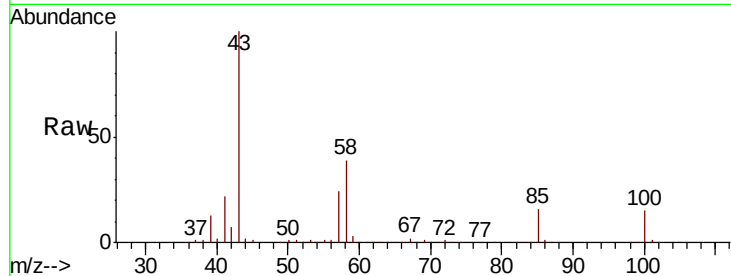
#51
4-Methyl-2-Pentanone
Concen: 282.376 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 430203
Ion Ratio Lower Upper
43 100
58 38.9 33.9 50.9

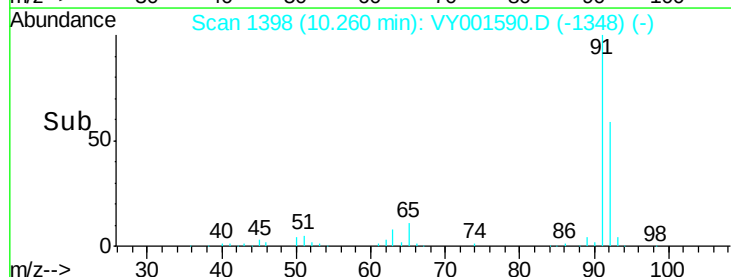
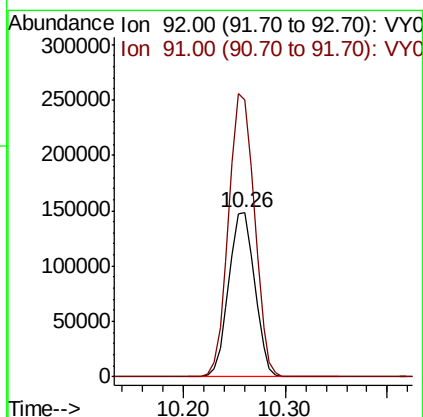
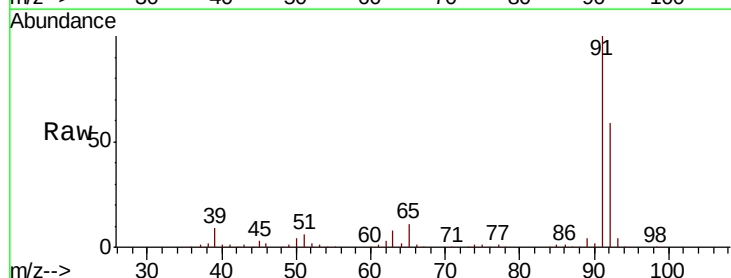
Manual Integrations
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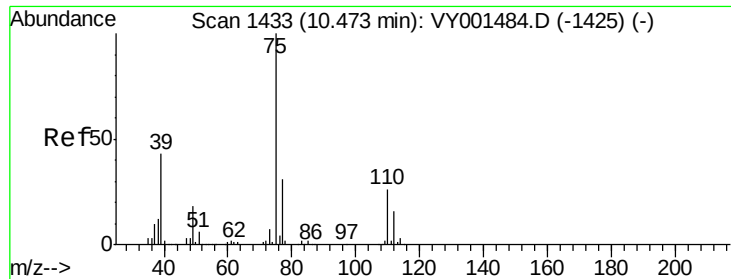
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#52
Toluene
Concen: 44.738 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion: 92 Resp: 261329
Ion Ratio Lower Upper
92 100
91 171.7 136.6 204.8





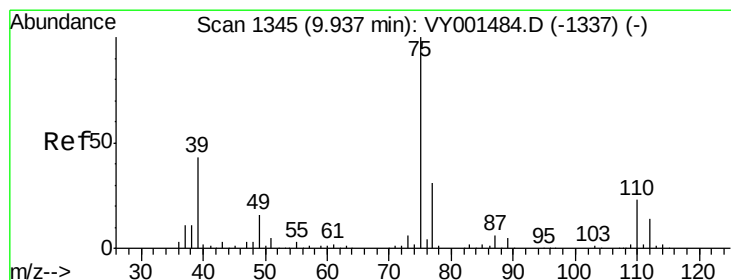
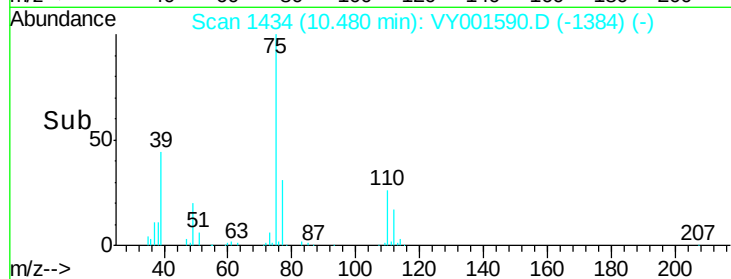
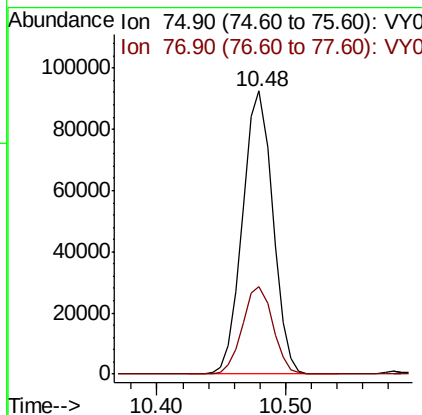
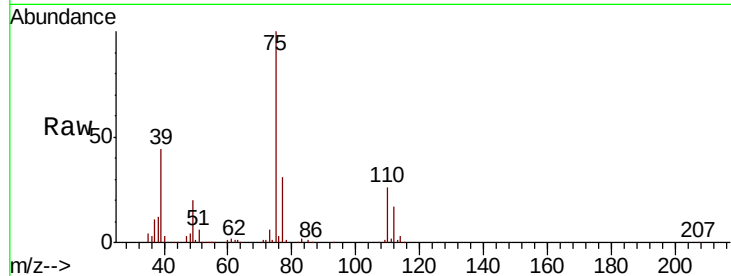
#53
t-1,3-Dichloropropene
Concen: 45.340 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3

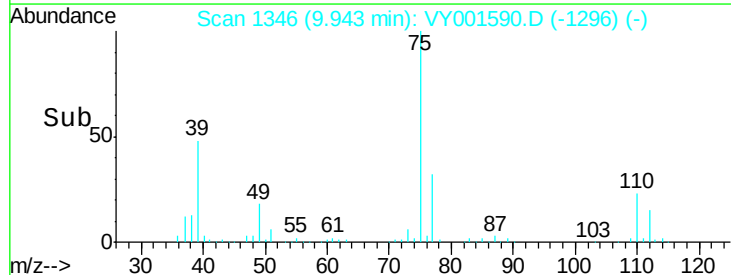
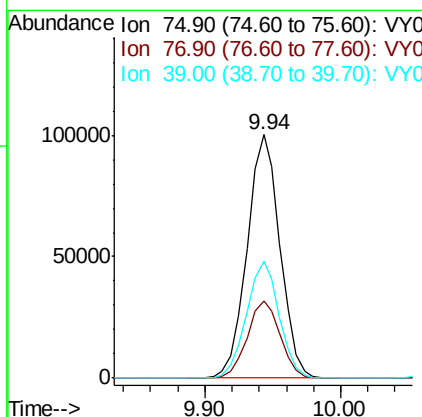
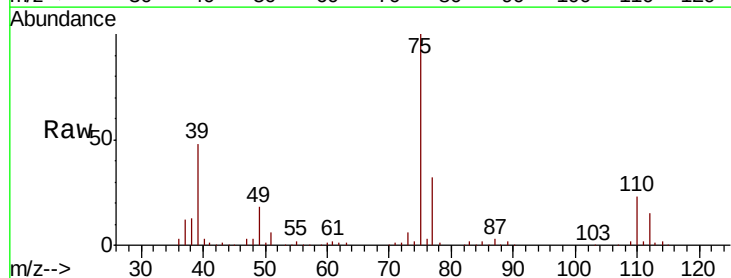
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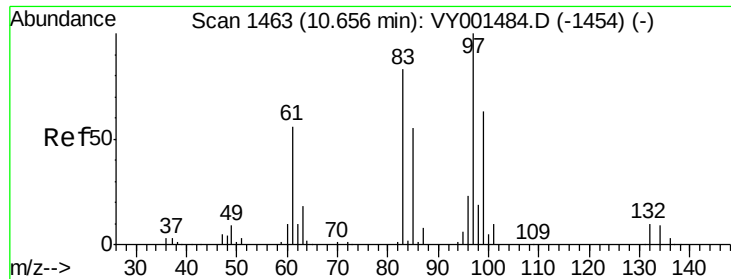
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#54
cis-1,3-Dichloropropene
Concen: 44.521 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	47.9	34.0	51.0





#55

1,1,2-Trichloroethane

Concen: 45.875 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

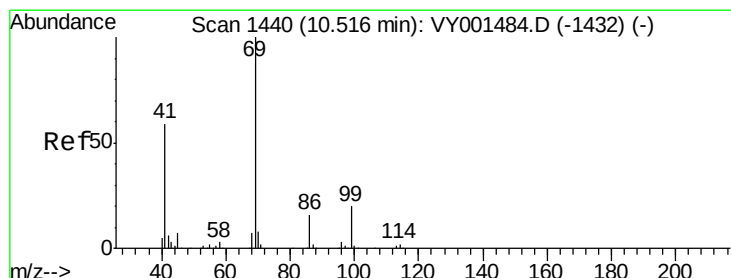
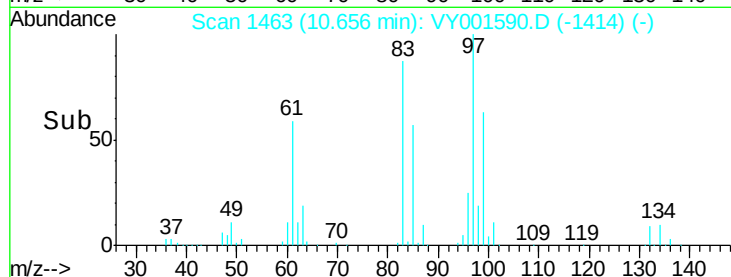
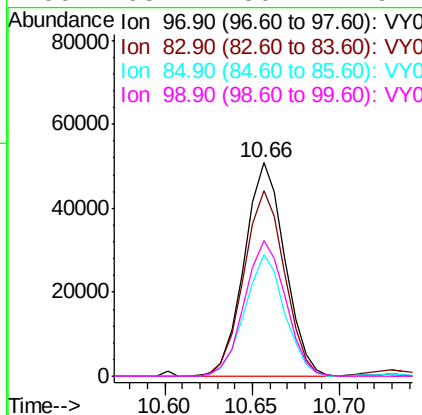
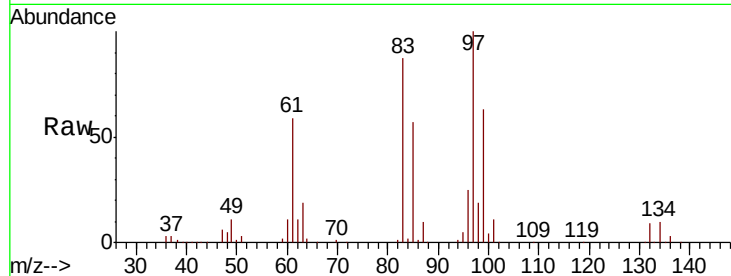
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	82163
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.2	99.2
85	56.5	43.8	65.6
99	63.4	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.931 ug/l

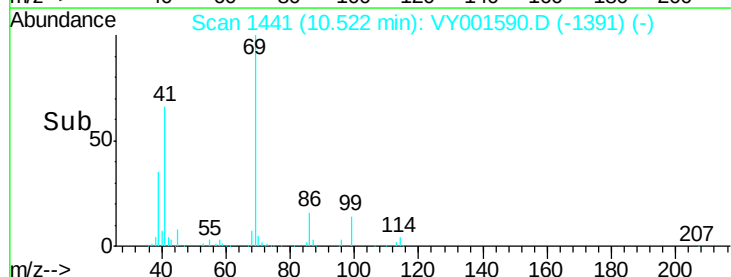
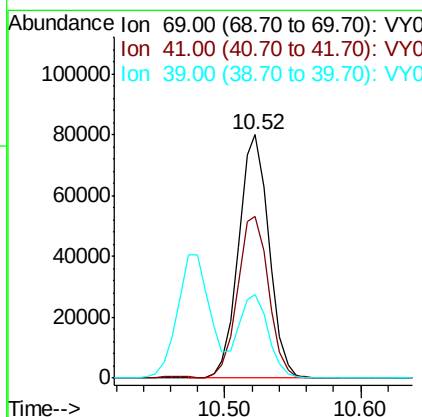
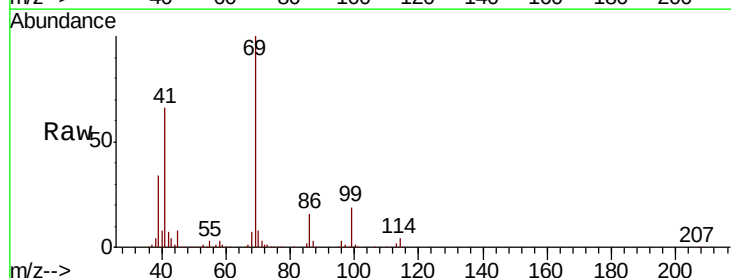
RT: 10.52 min Scan# 1441

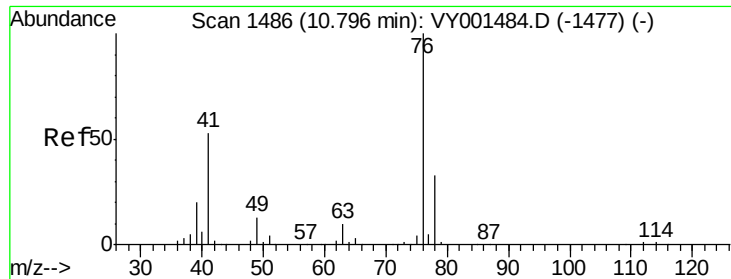
Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	69	Resp:	124648
Ion	Ratio	Lower	Upper
69	100		
41	67.4	47.8	71.8
39	34.4	24.4	36.6





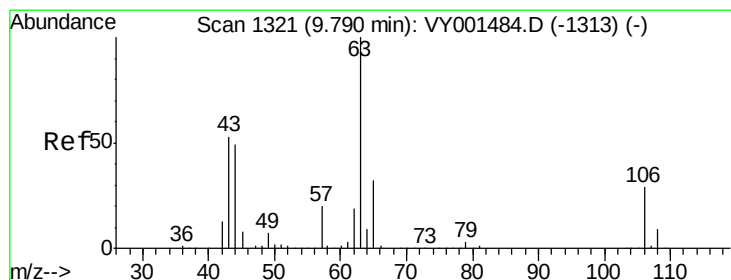
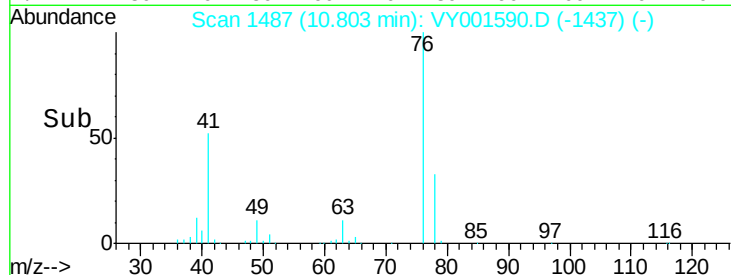
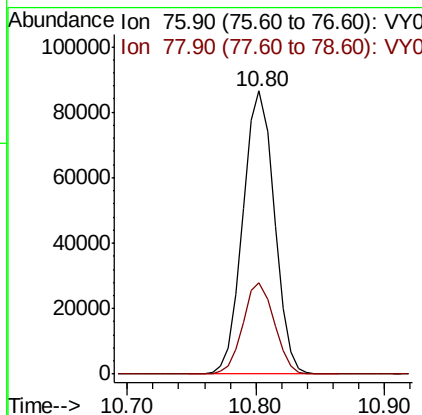
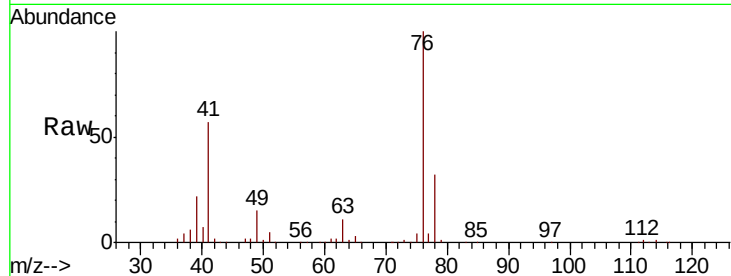
#57
 1,3-Dichloropropane
 Concen: 46.171 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 145769
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

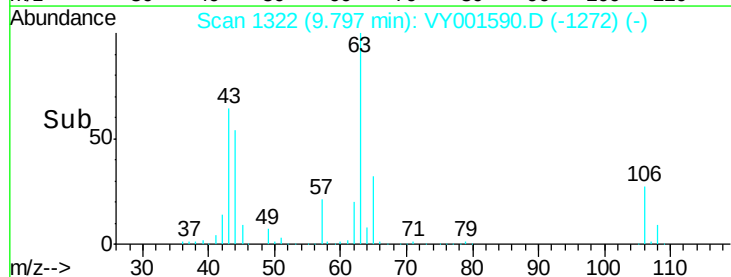
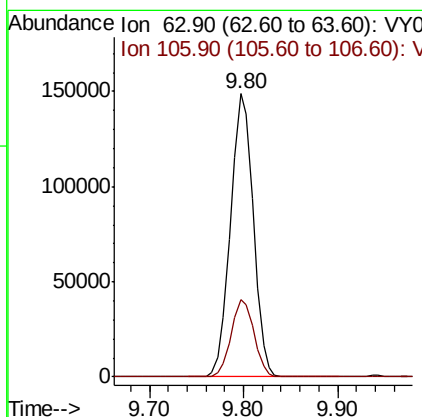
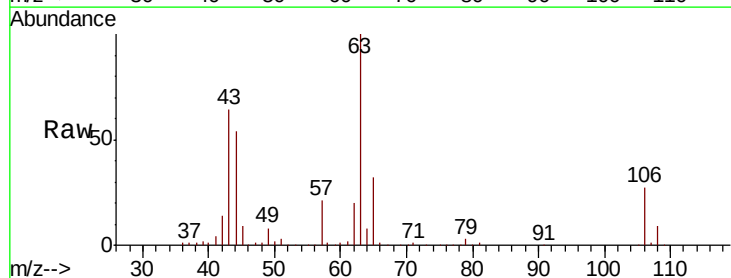
Manual Integrations
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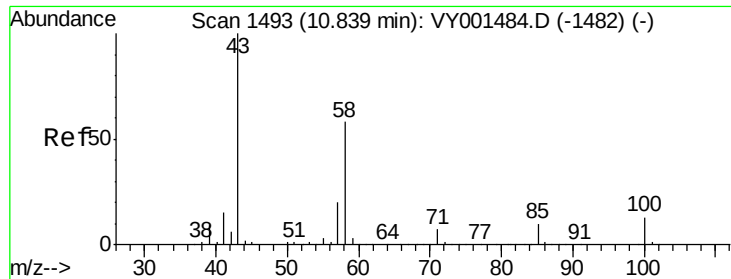
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.440 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion: 63 Resp: 249688
 Ion Ratio Lower Upper
 63 100
 106 27.4 24.0 36.0





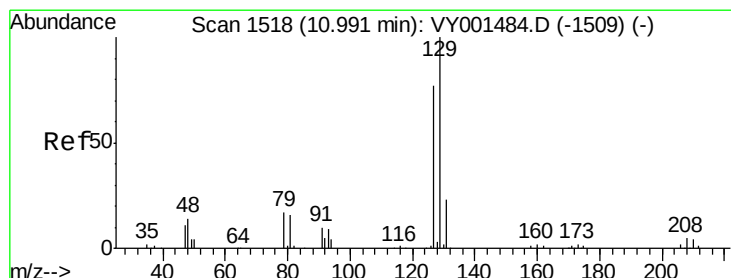
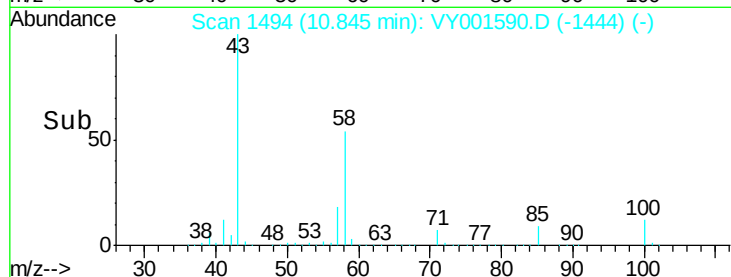
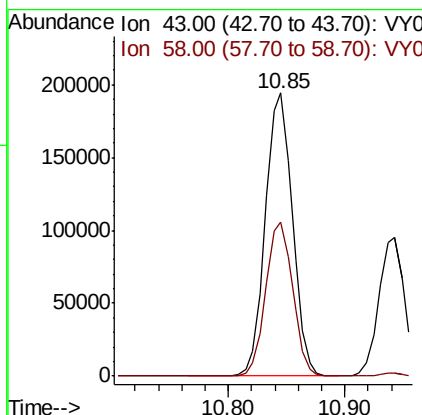
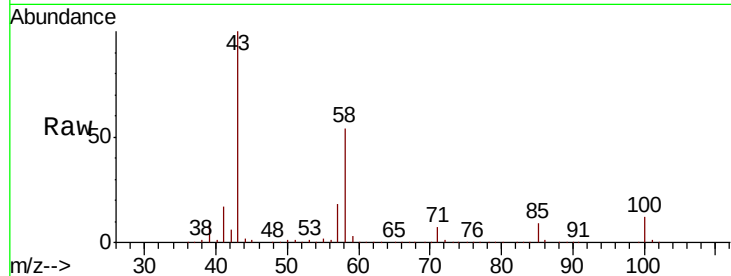
#59
2-Hexanone
Concen: 281.521 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 311849
Ion Ratio Lower Upper
43 100
58 54.2 29.0 87.0

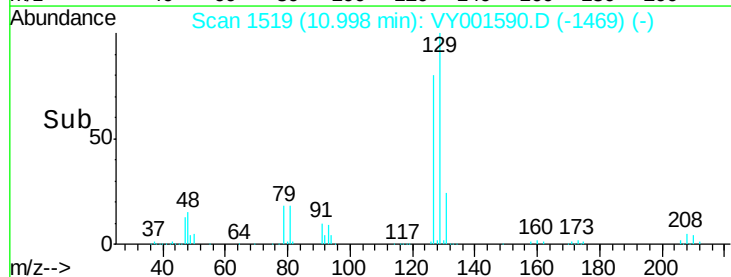
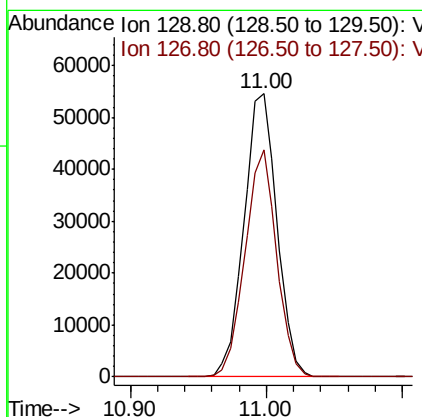
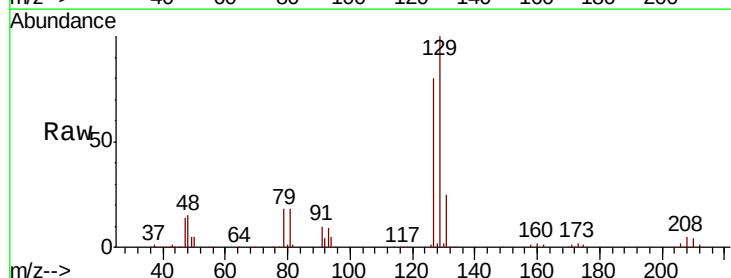
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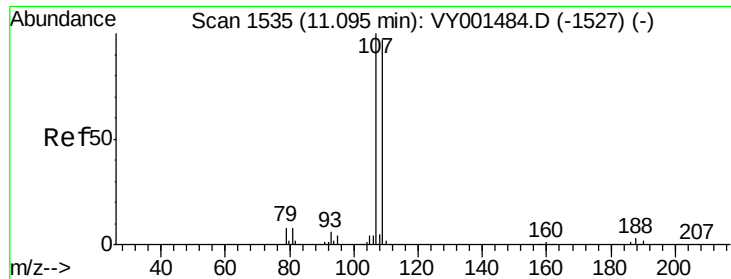
MMDadoda
2/11/2020 6:11:08 PM



#60
Dibromochloromethane
Concen: 43.967 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion: 129 Resp: 92820
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





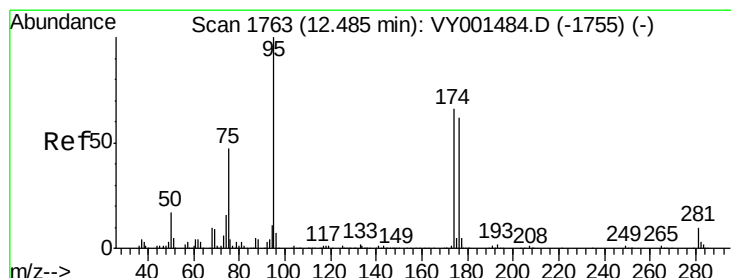
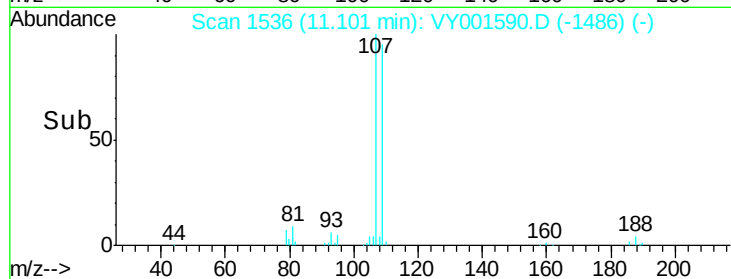
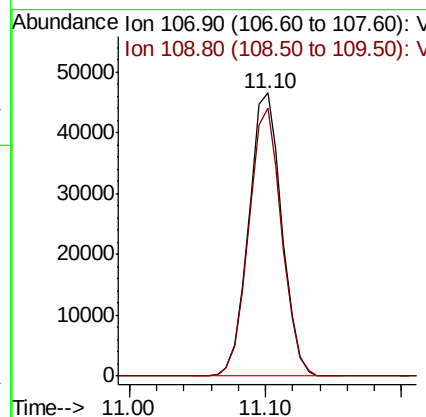
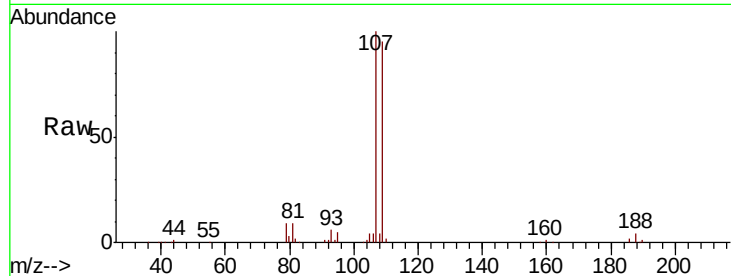
#61
 1,2-Dibromoethane
 Concen: 44.790 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.2	114.2

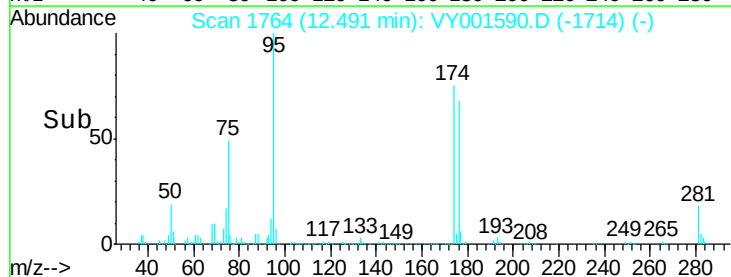
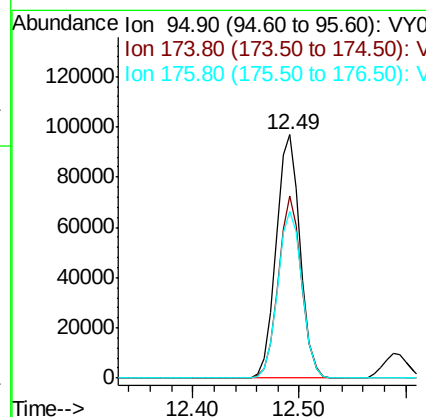
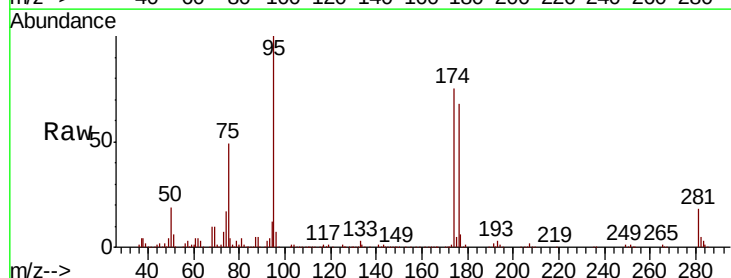
Manual Integrations
 APPROVED

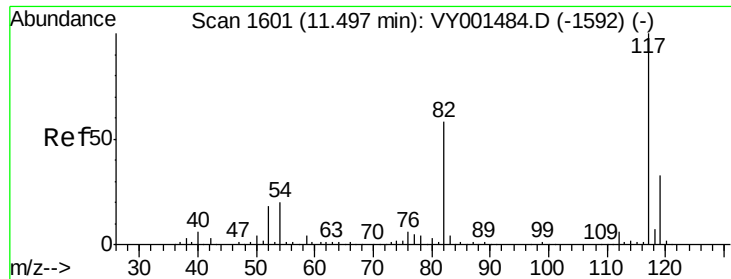
MMDadoda
 2/11/2020 6:11:08 PM



#62
 4-Bromofluorobenzene
 Concen: 49.861 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.4
176	69.8	0.0	135.4





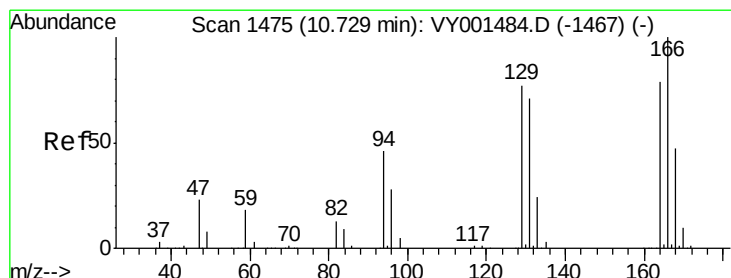
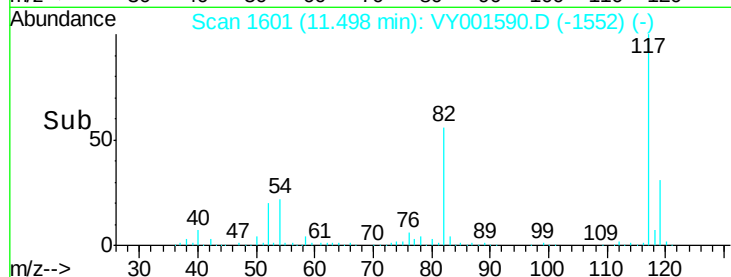
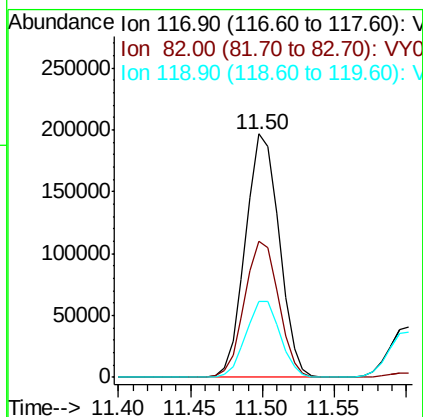
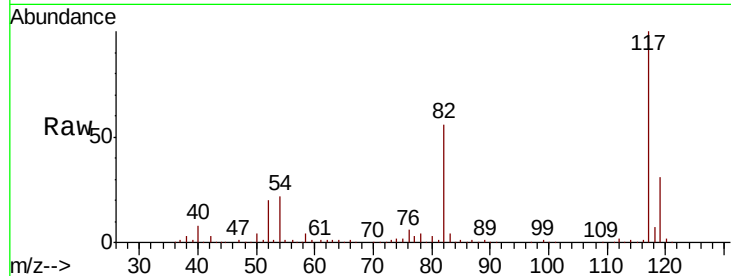
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.1	69.1
119	31.2	26.1	39.1

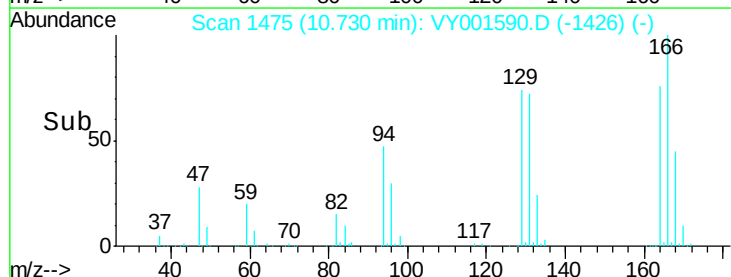
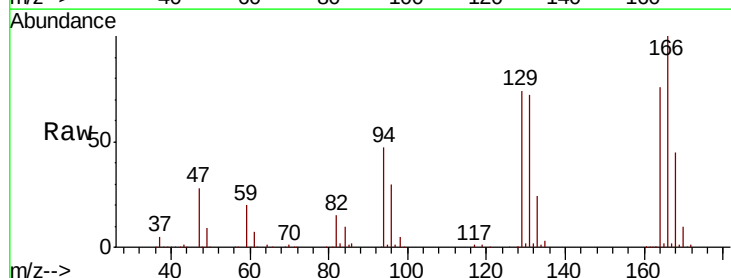
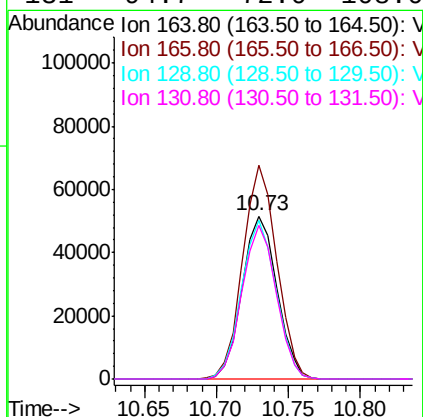
Manual Integrations
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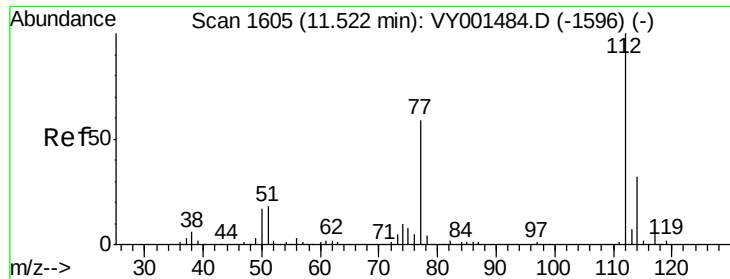
MMDadoda
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#64
Tetrachloroethene
Concen: 41.090 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	100.8	151.2
129	97.7	77.8	116.6
131	94.7	72.0	108.0





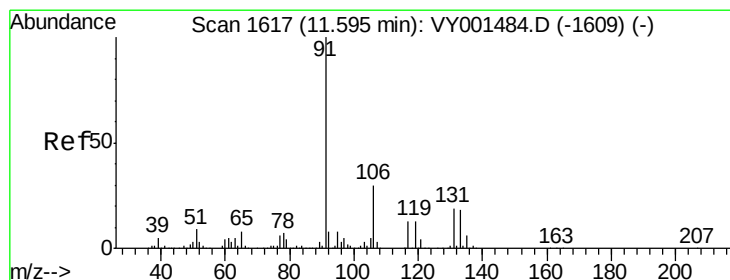
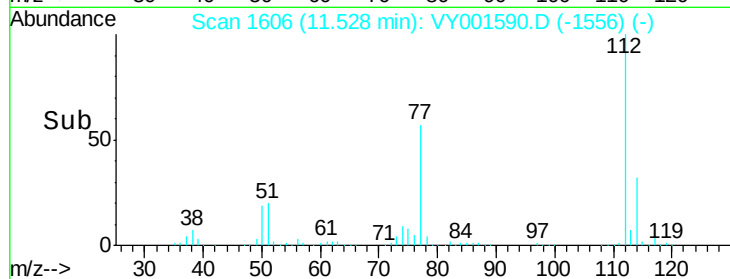
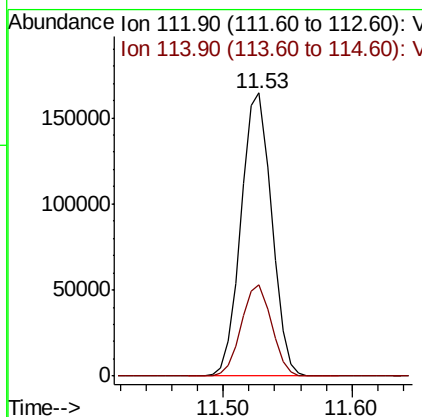
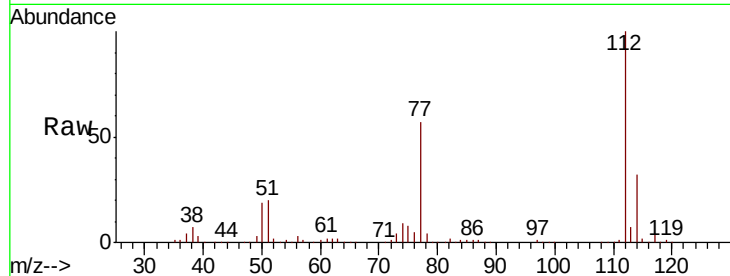
#65
Chlorobenzene
Concen: 42.989 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.2

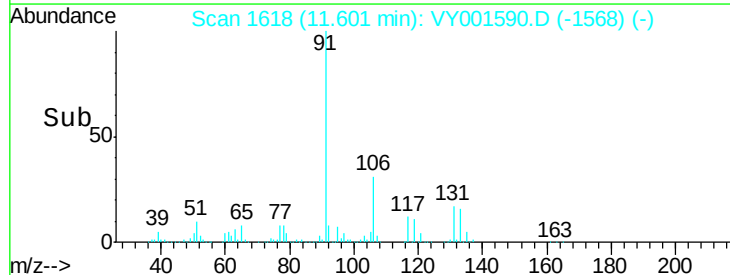
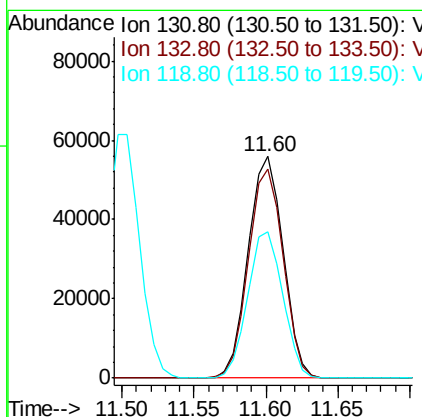
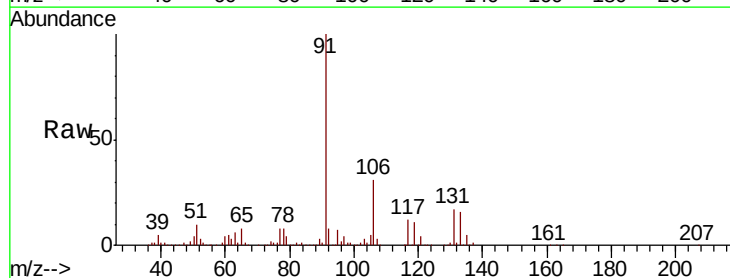
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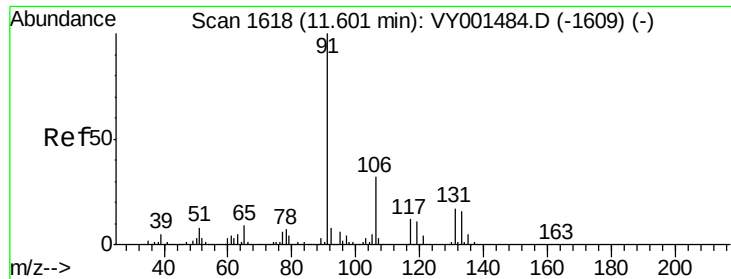
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#66
1,1,1,2-Tetrachloroethane
Concen: 42.707 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.9	143.8
119	66.4	33.7	101.0





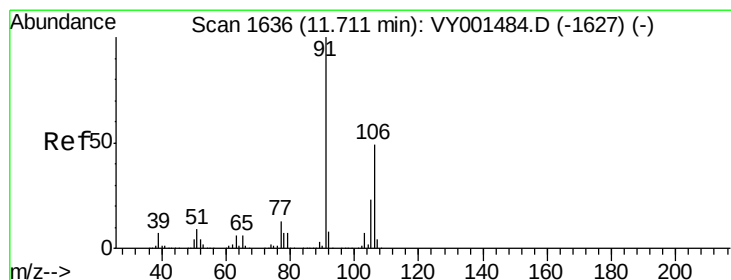
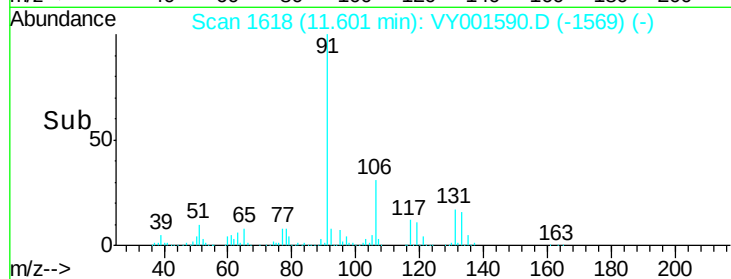
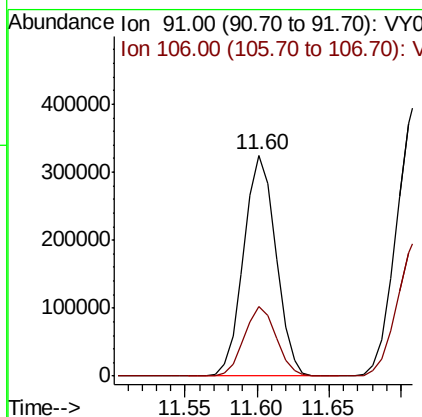
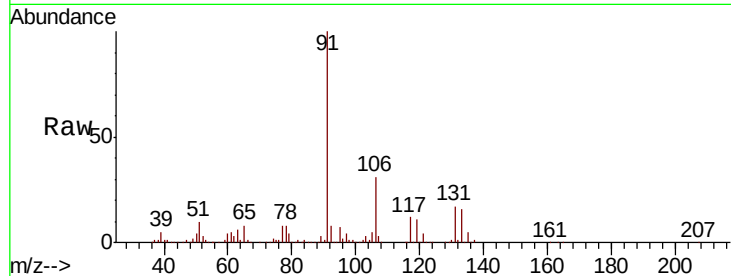
#67
Ethyl Benzene
Concen: 43.413 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 503768
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

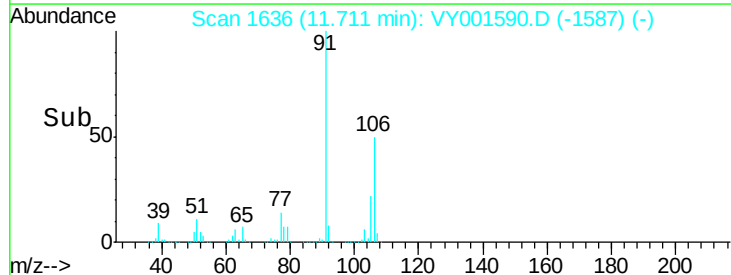
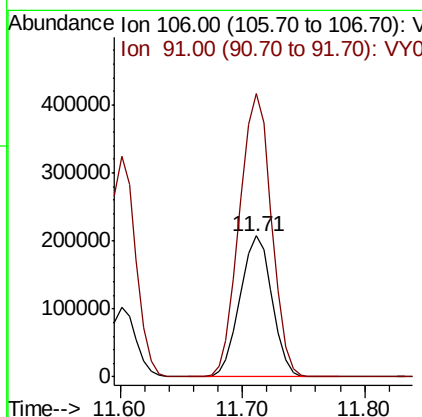
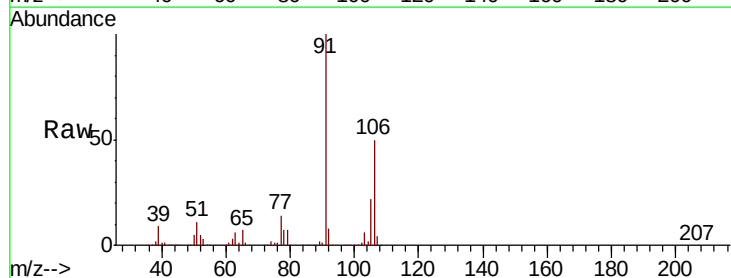
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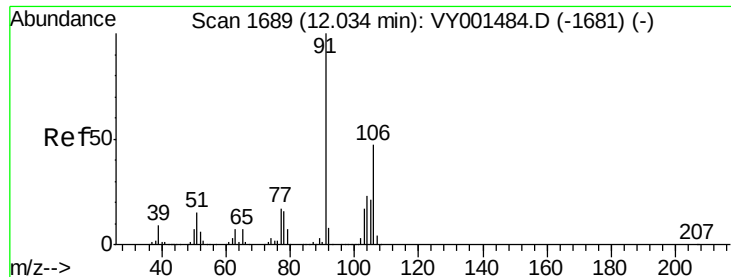
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#68
m/p-Xylenes
Concen: 86.412 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion: 106 Resp: 376433
Ion Ratio Lower Upper
106 100
91 201.8 163.6 245.4





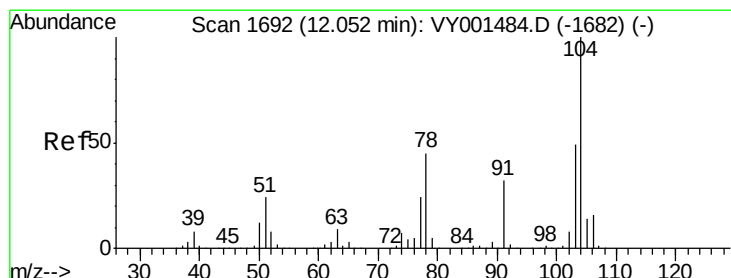
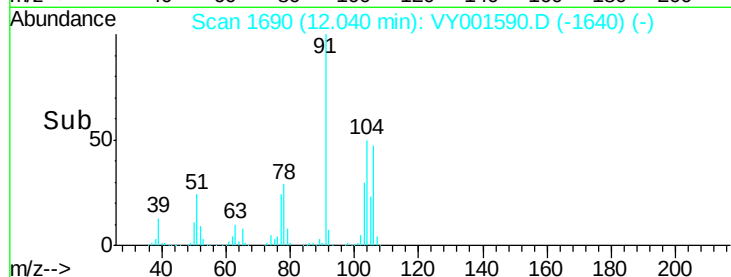
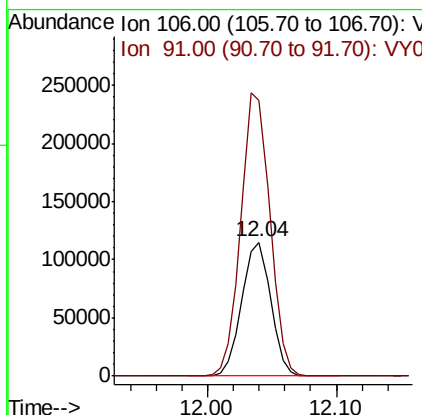
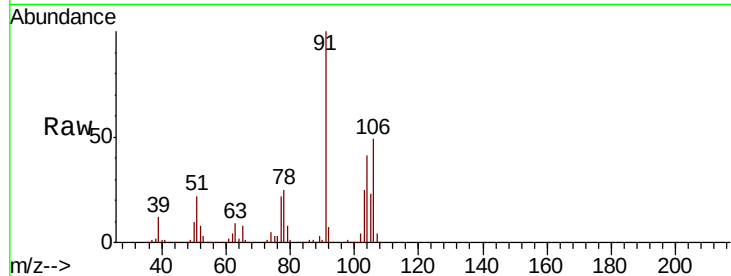
#69
o-Xylene
Concen: 43.615 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.5	106.0	318.0	

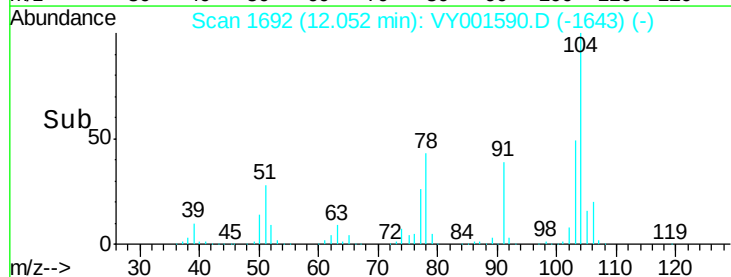
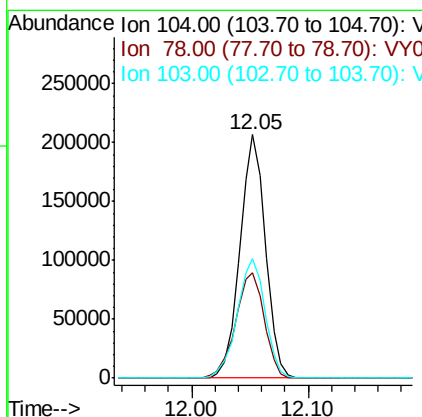
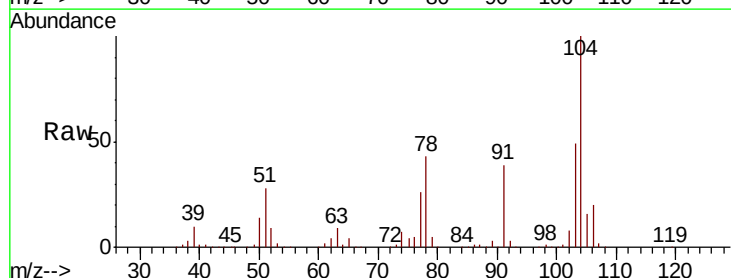
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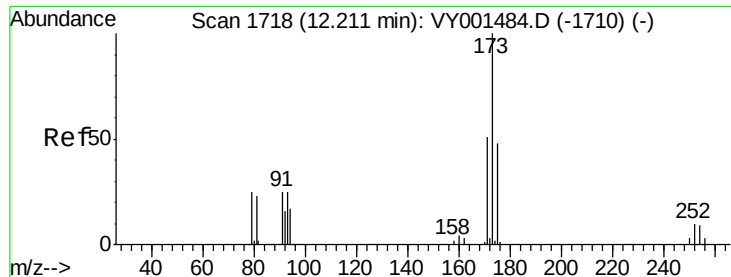
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#70
Styrene
Concen: 44.489 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.8	40.4	60.6	
103	53.5	42.8	64.2	





#71

Bromoform

Concen: 44.851 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 54858

Ion Ratio Lower Upper

173 100

175 49.5 24.0 72.0

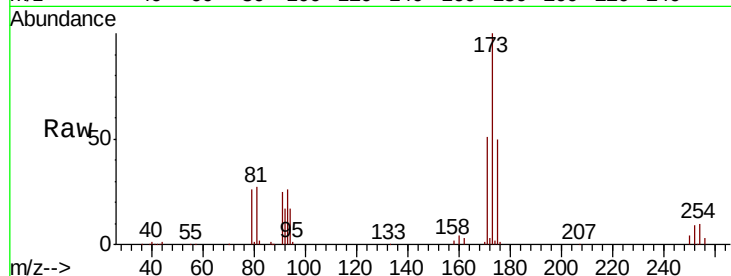
254 0.0 0.1 0.1#

Manual Integrations

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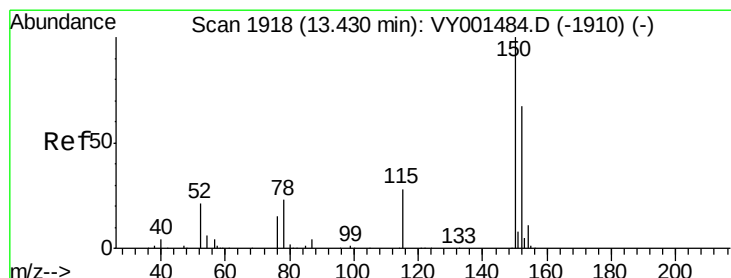
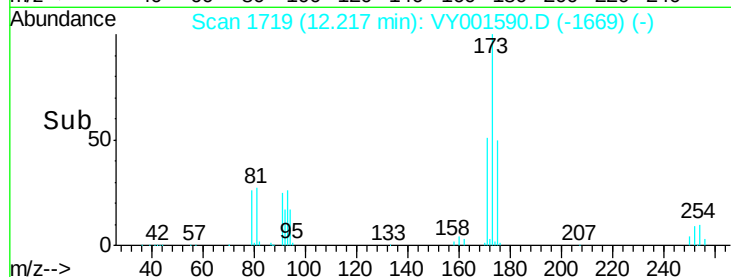
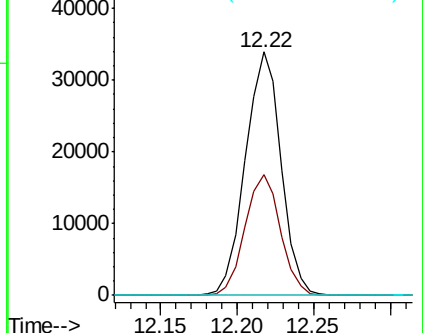
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

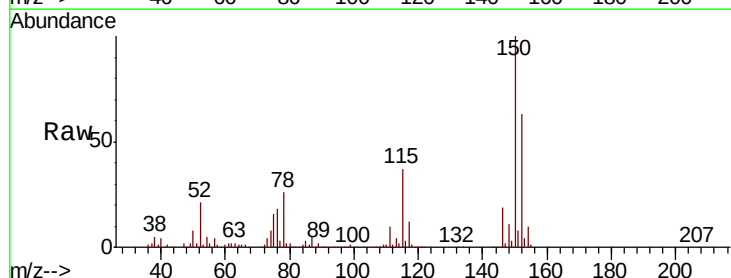
Tgt Ion:152 Resp: 155278

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.3

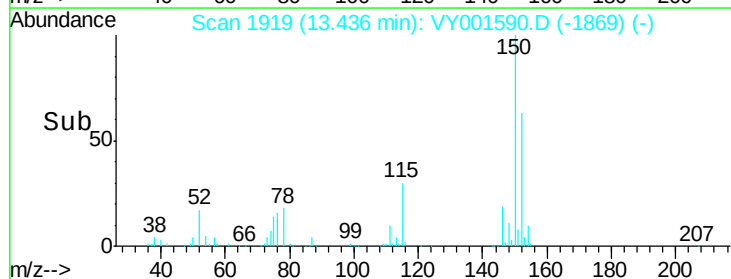
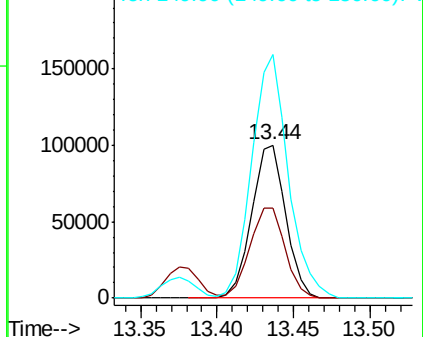
150 170.2 0.0 346.8

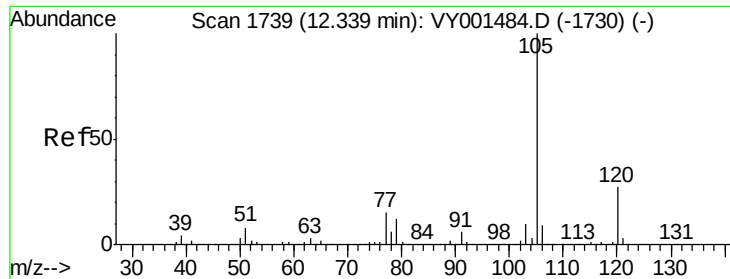


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 40.797 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 483145

Ion Ratio Lower Upper

105 100

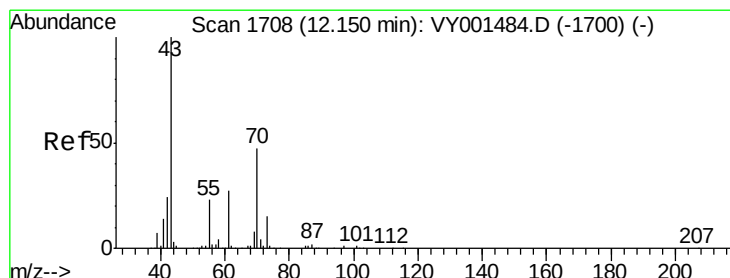
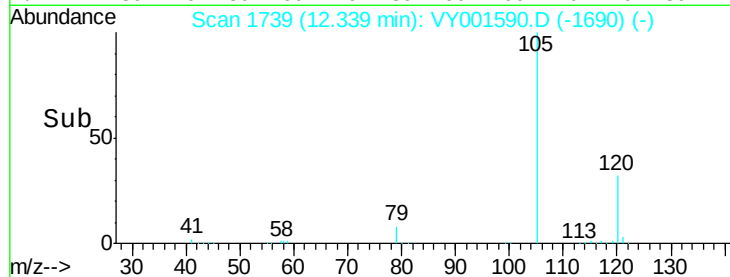
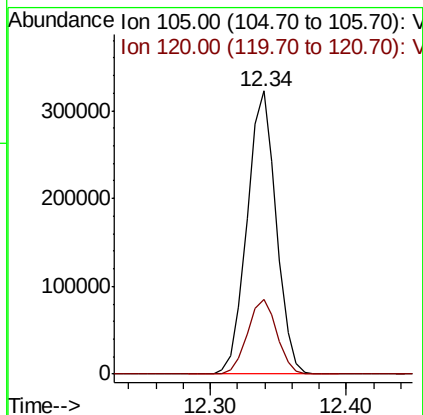
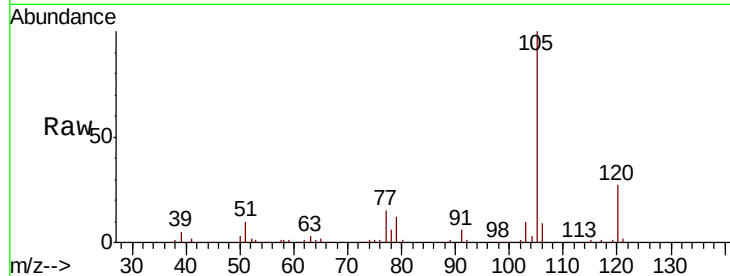
120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 52.744 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion: 43 Resp: 162315

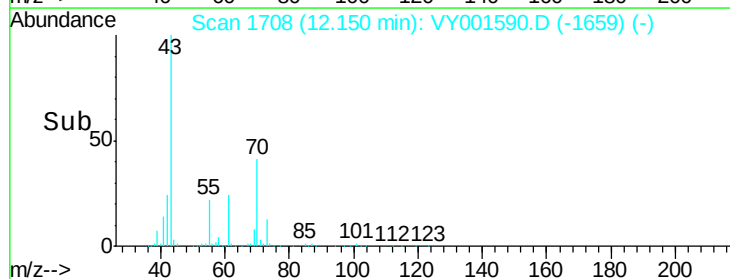
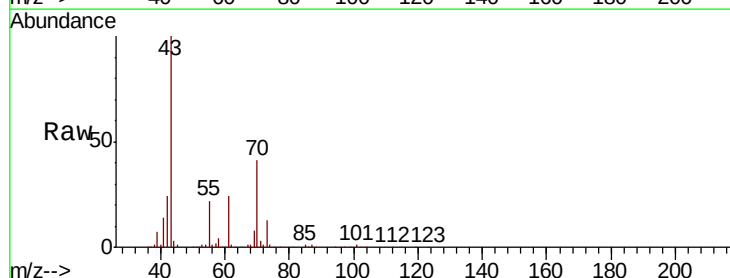
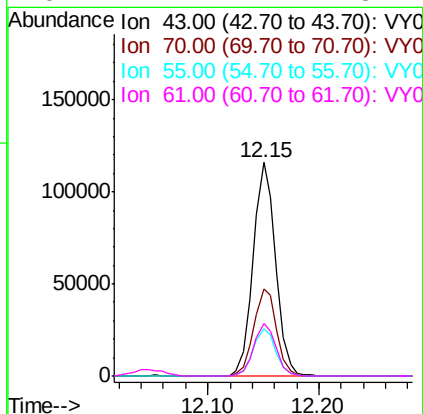
Ion Ratio Lower Upper

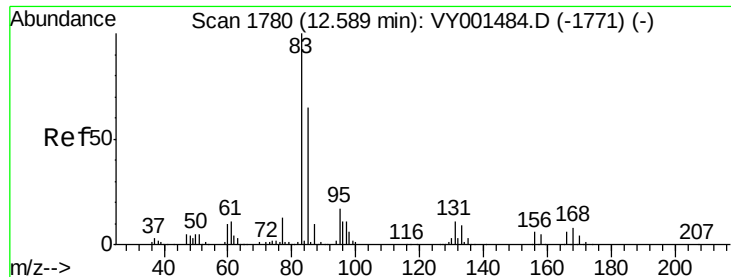
43 100

70 41.8 37.2 55.8

55 22.7 18.8 28.2

61 24.2 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.306 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

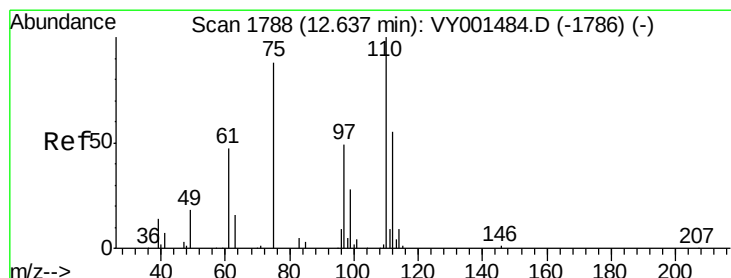
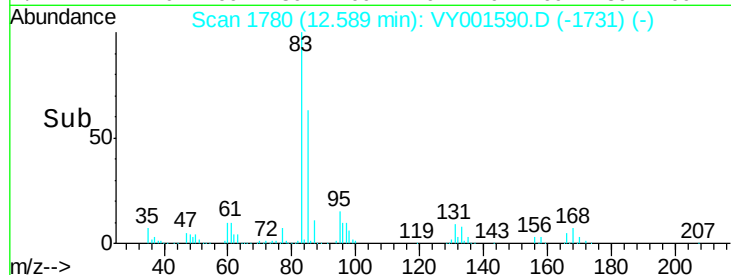
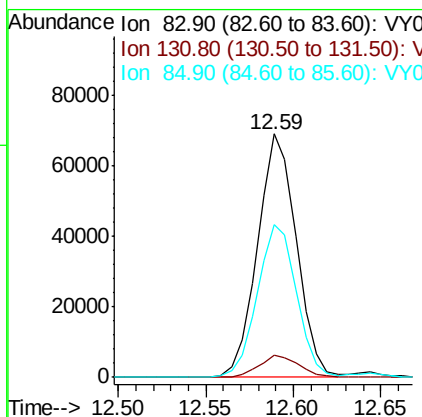
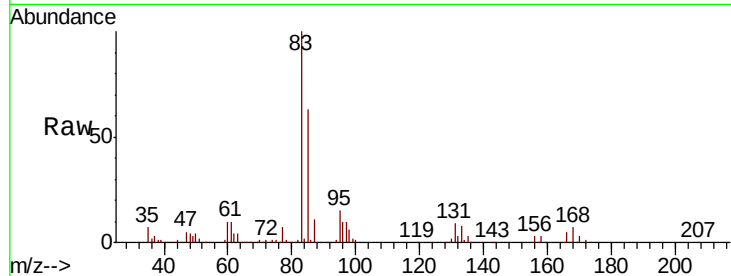
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	106440
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.4	16.2
85	63.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.585 ug/l m

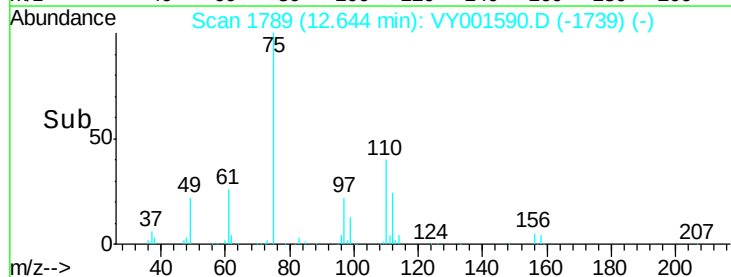
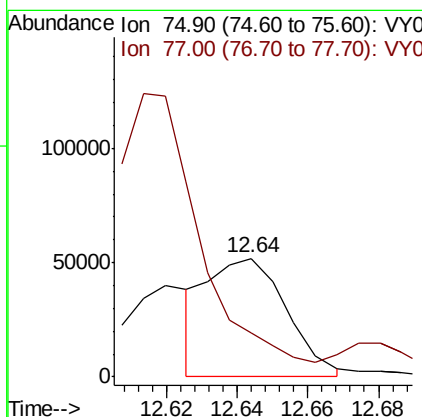
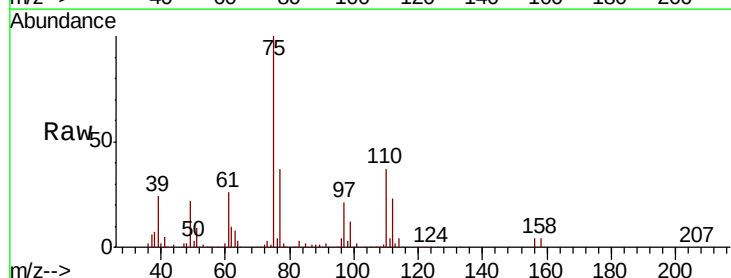
RT: 12.64 min Scan# 1789

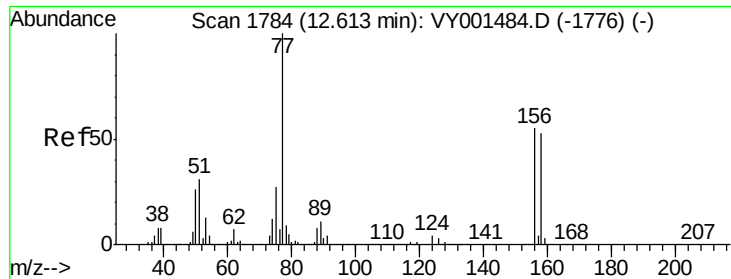
Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	75	Resp:	81130
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 41.366 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

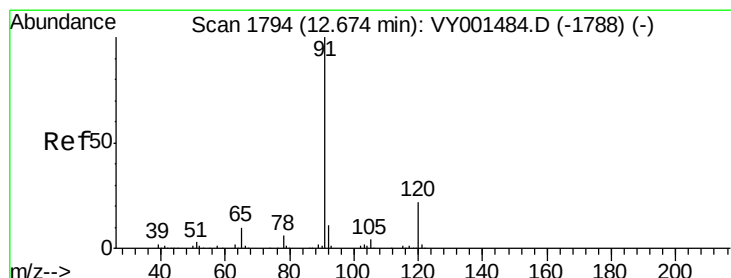
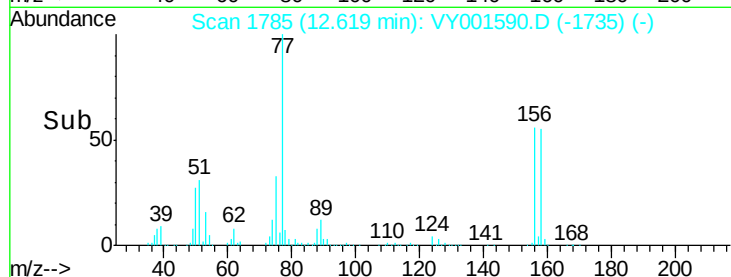
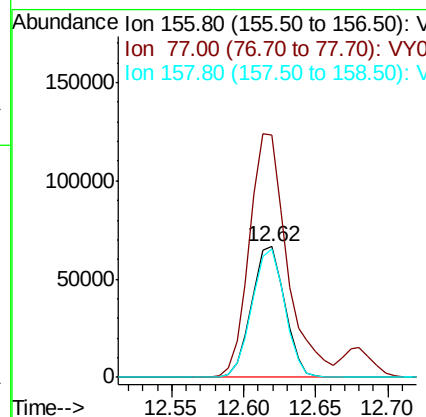
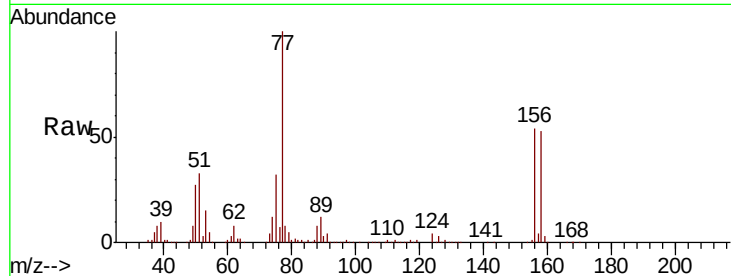
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	106017
Ion Ratio	Lower	Upper	
156	100		
77	212.4	99.8	299.3
158	96.9	47.5	142.6

Manual Integrations
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#78

n-propylbenzene

Concen: 41.927 ug/l

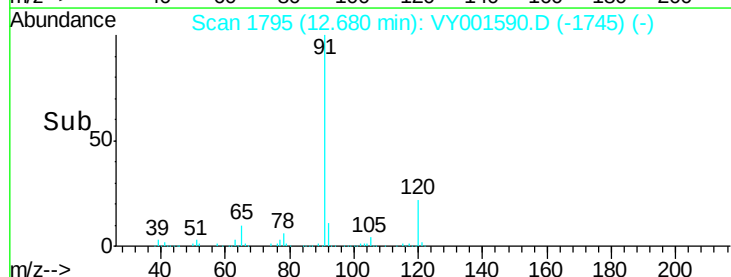
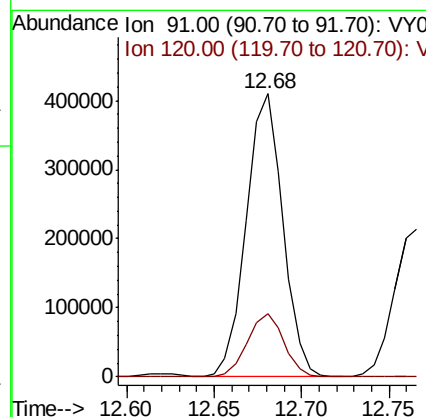
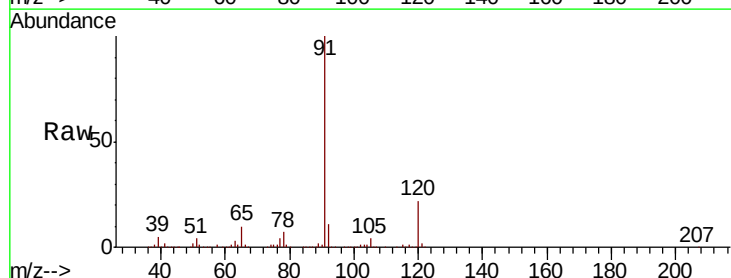
RT: 12.68 min Scan# 1795

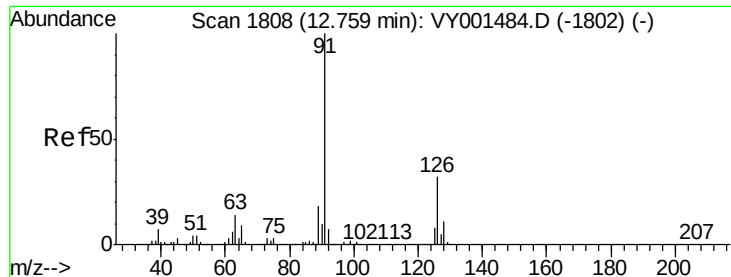
Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Tgt Ion:	91	Resp:	594438
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.4	34.2





#79

2-Chlorotoluene

Concen: 41.115 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 332274

Ion Ratio Lower Upper

91 100

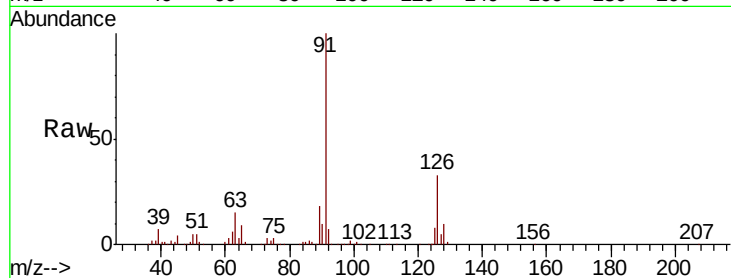
126 33.1 16.4 49.2

Manual Integrations

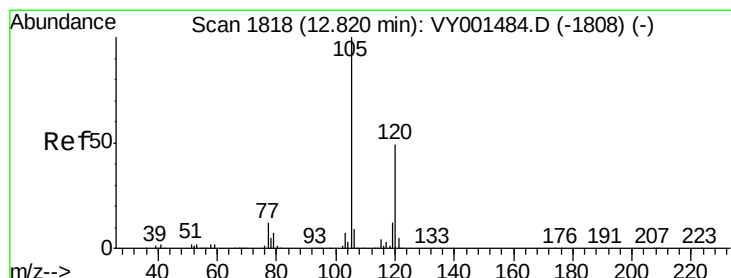
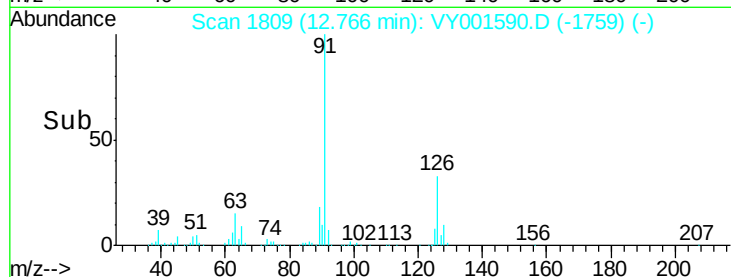
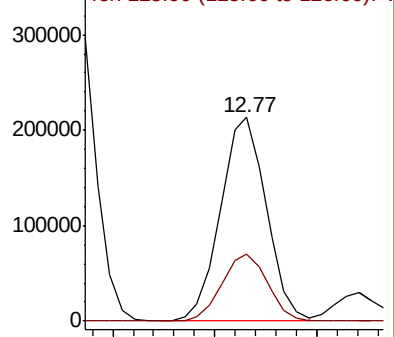
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Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 40.427 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001590.D

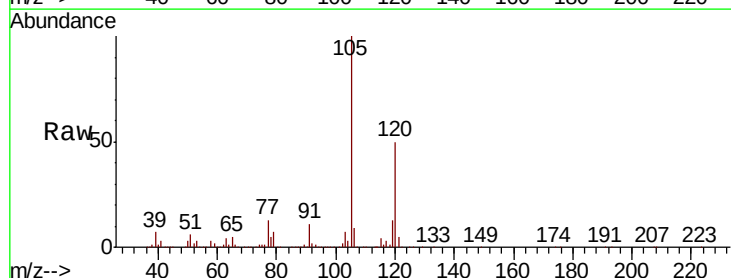
Acq: 10 Feb 2020 17:41

Tgt Ion: 105 Resp: 403206

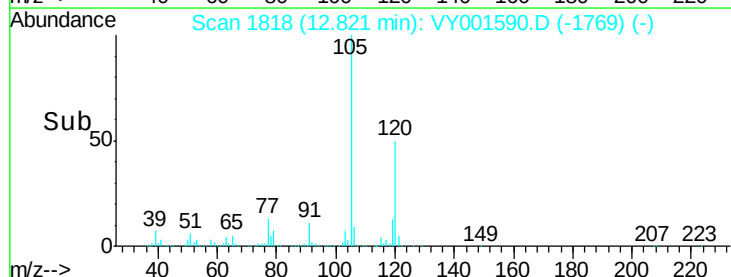
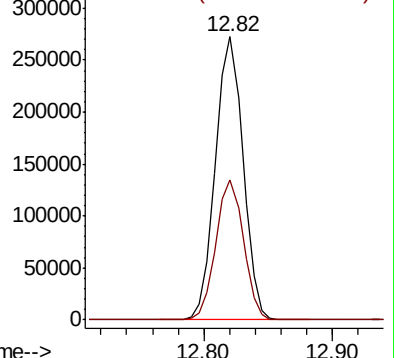
Ion Ratio Lower Upper

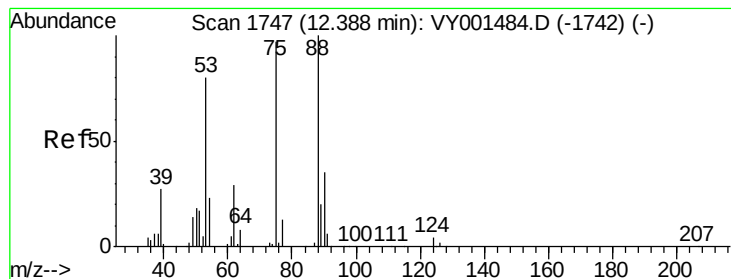
105 100

120 49.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.301 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001590.D

Acq: 10 Feb 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 39095

Ion Ratio Lower Upper

75 100

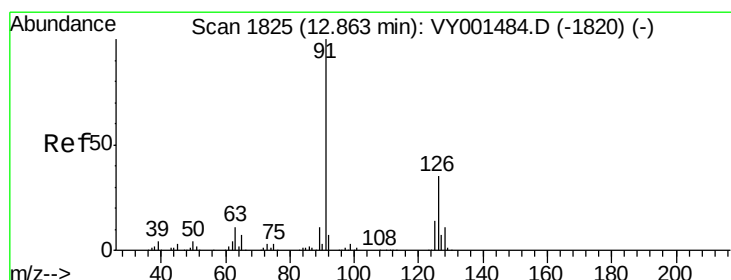
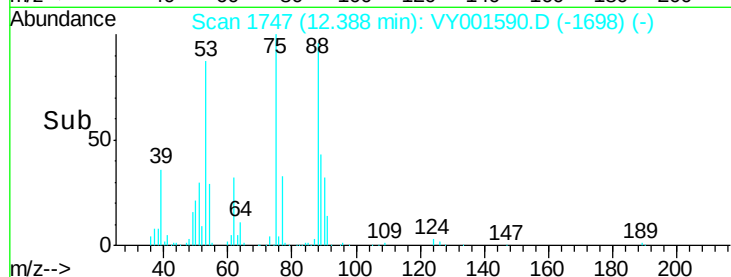
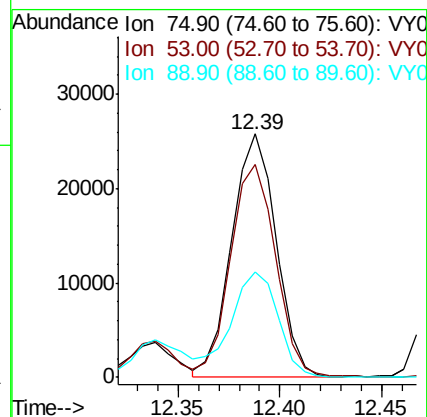
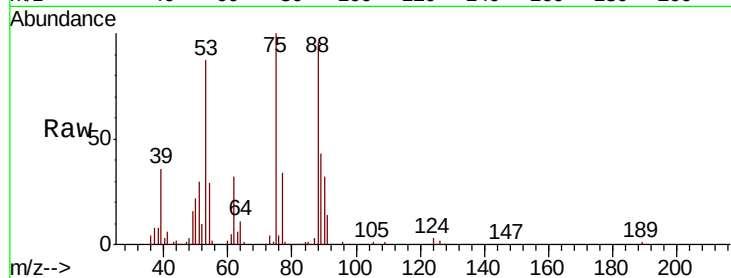
53 88.5 67.7 101.5

89 46.5 34.6 52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 41.401 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001590.D

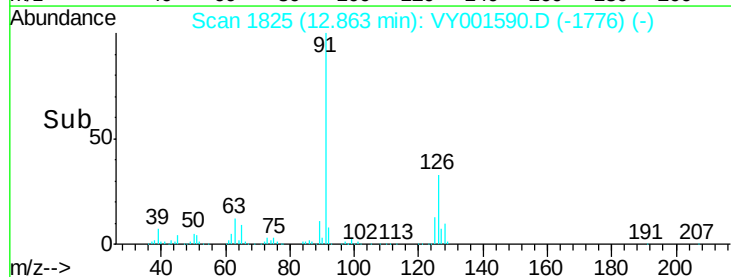
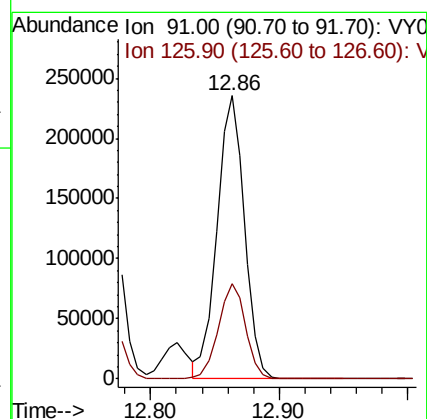
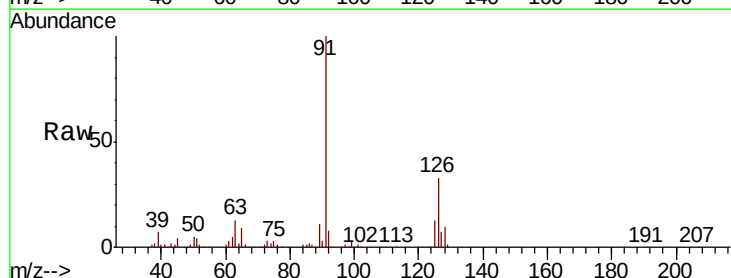
Acq: 10 Feb 2020 17:41

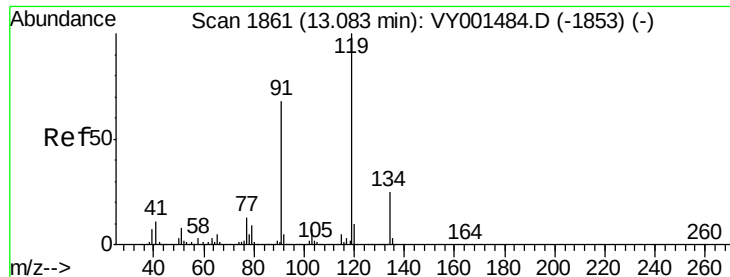
Tgt Ion: 91 Resp: 350795

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5





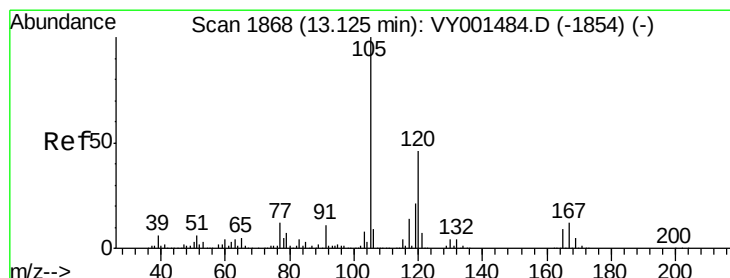
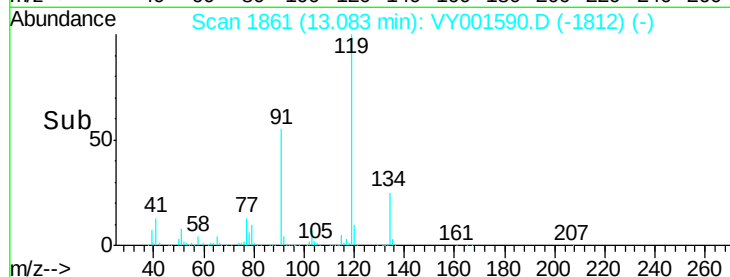
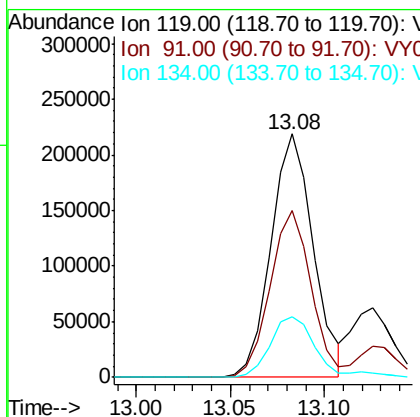
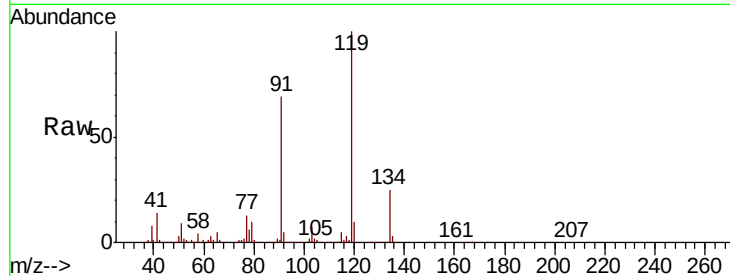
#83
 tert-Butylbenzene
 Concen: 40.306 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.1	99.3
134	27.2	13.0	39.0

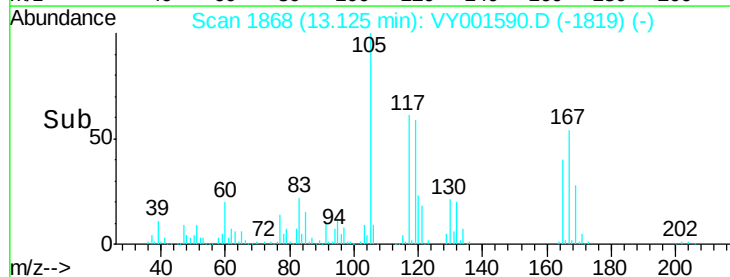
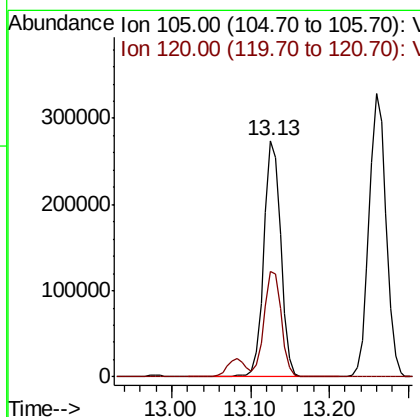
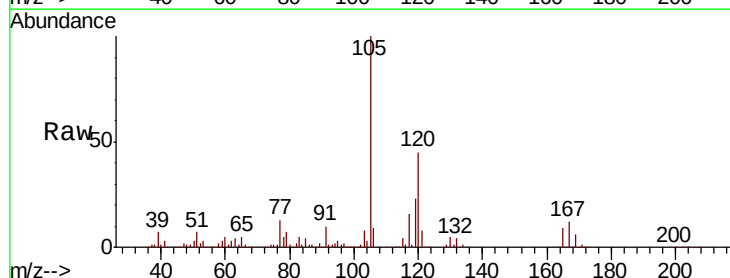
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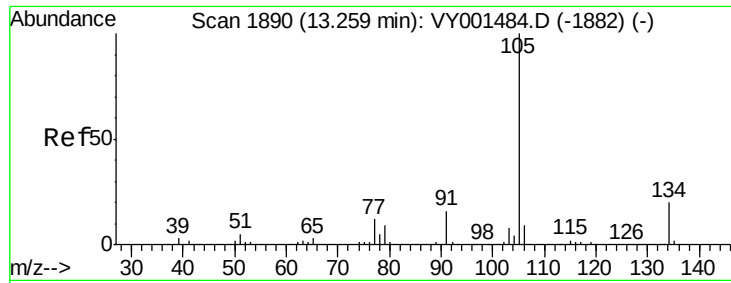
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#84
 1,2,4-Trimethylbenzene
 Concen: 41.309 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.0





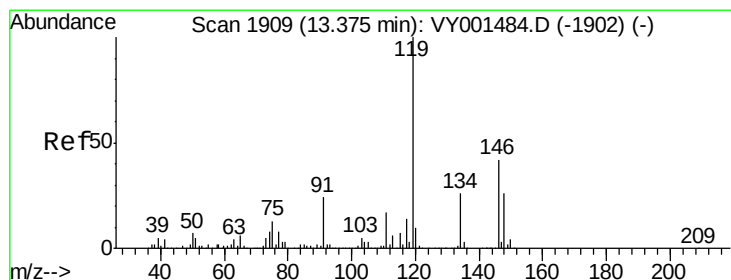
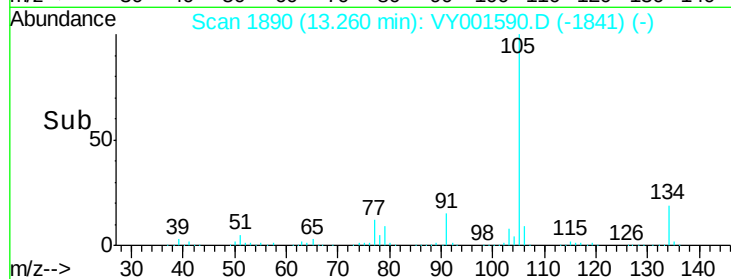
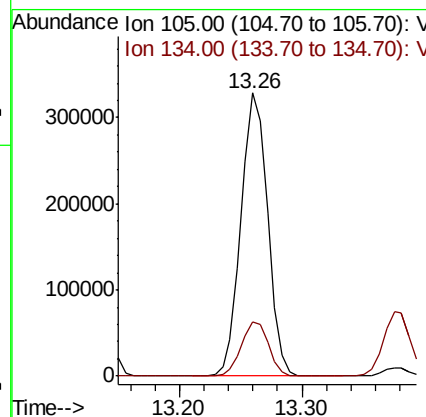
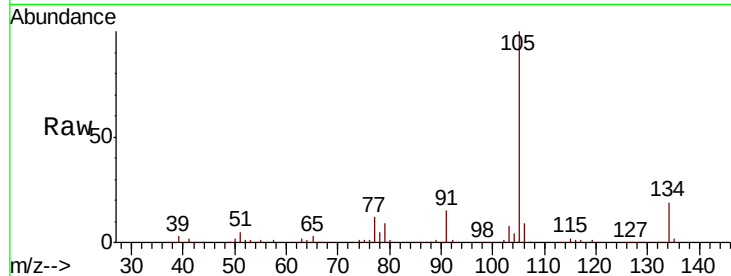
#85
 sec-Butylbenzene
 Concen: 41.756 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 494938
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 29.8

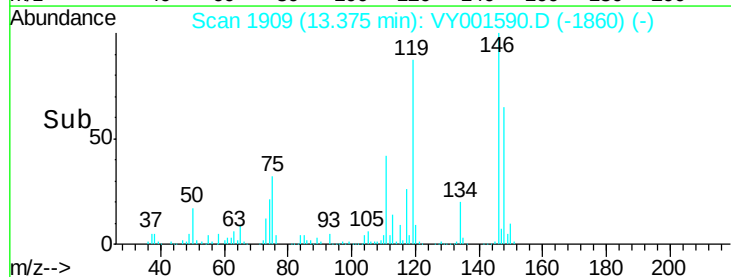
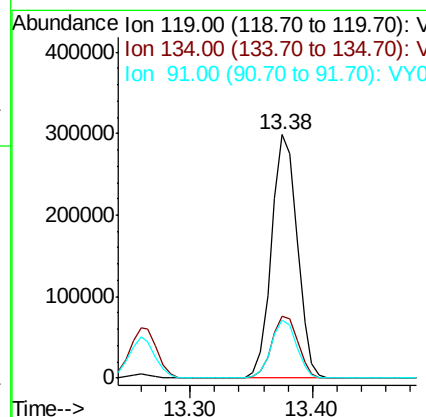
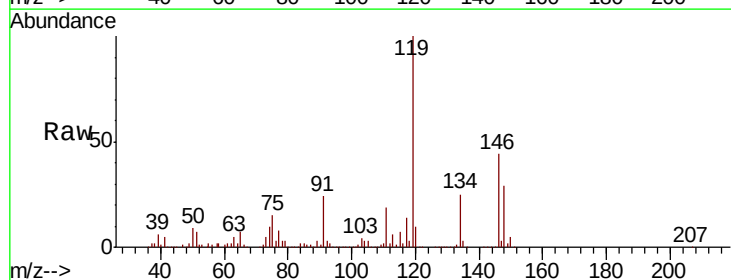
Manual Integrations
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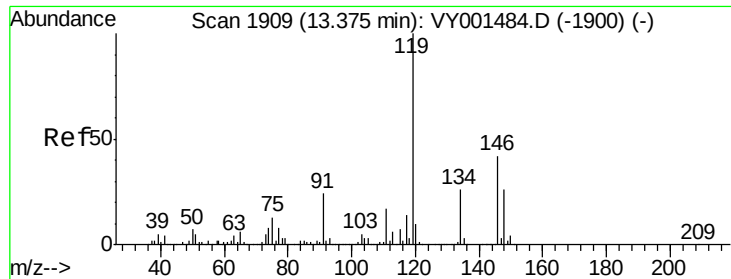
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#86
 p-Isopropyltoluene
 Concen: 41.769 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion:119 Resp: 436288
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.6 12.2 36.6





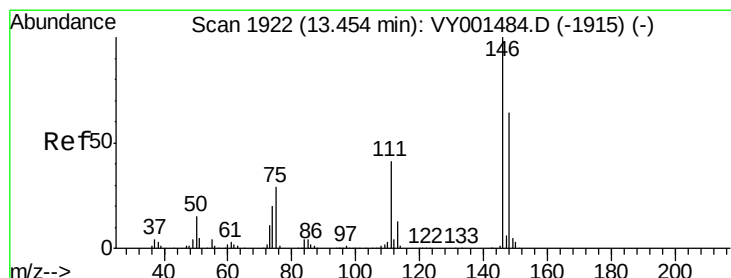
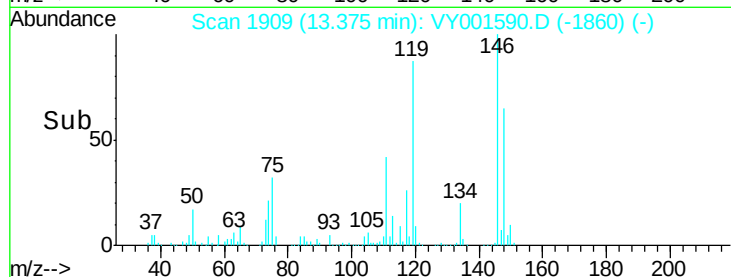
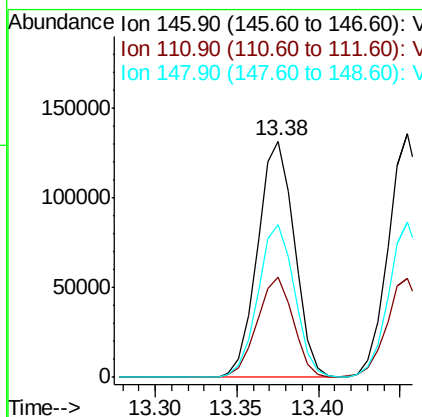
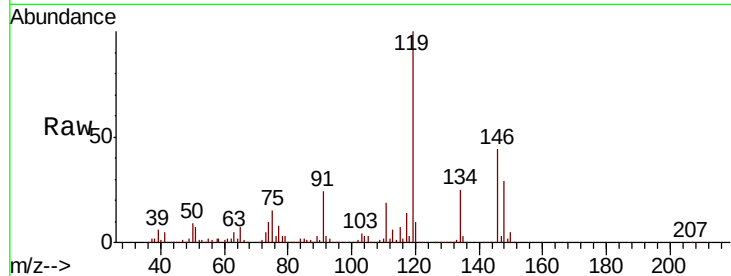
#87
 1,3-Dichlorobenzene
 Concen: 42.075 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.9
148	64.3	31.9	95.7

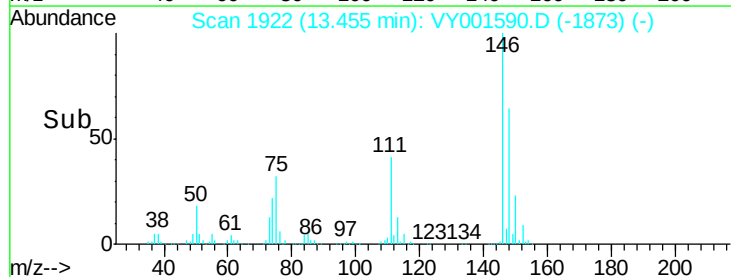
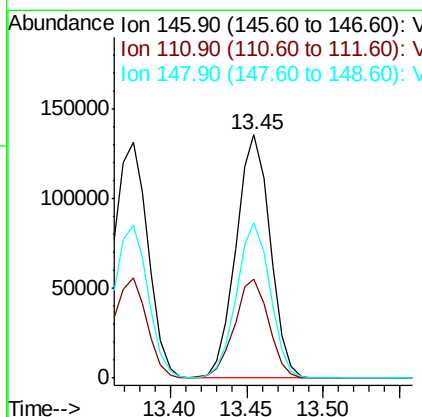
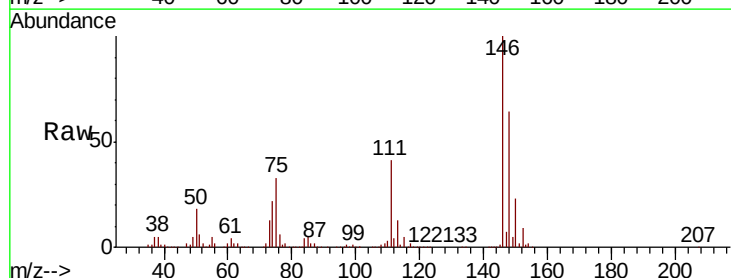
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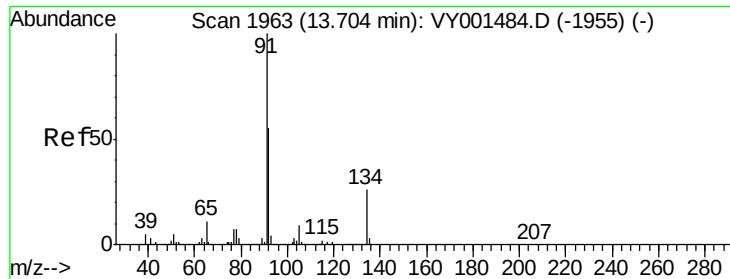
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#88
 1,4-Dichlorobenzene
 Concen: 42.683 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	63.1	32.1	96.5





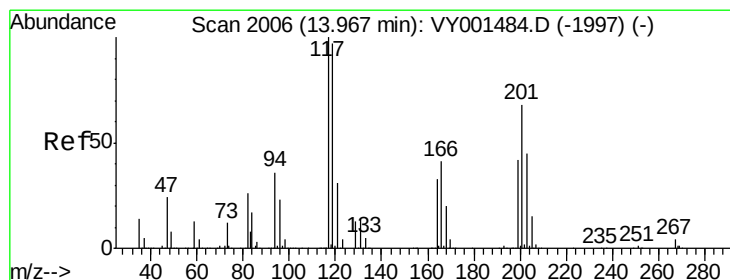
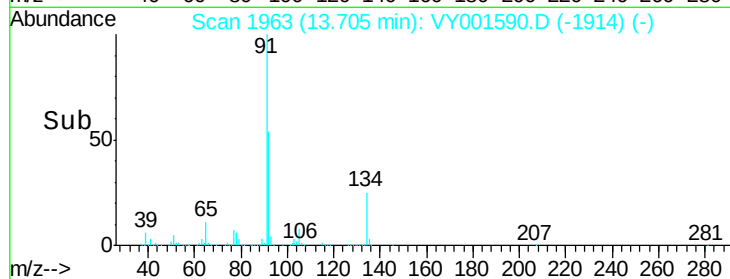
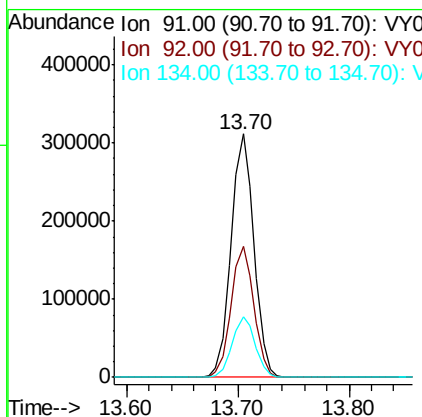
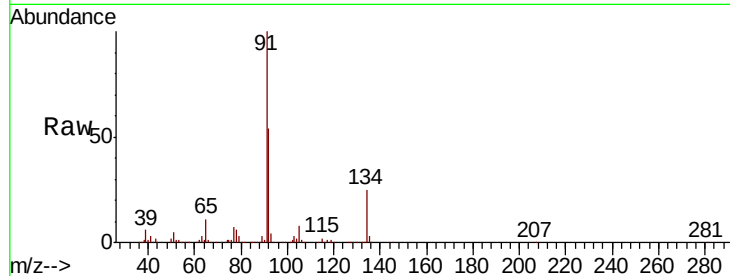
#89
n-Butylbenzene
Concen: 42.799 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.3	81.9
134	25.1	13.0	38.9

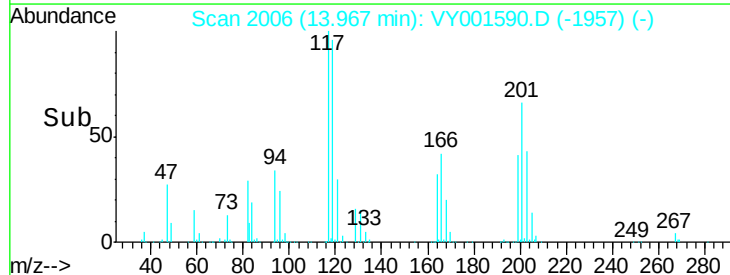
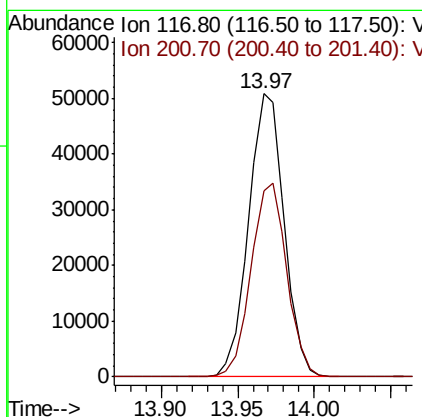
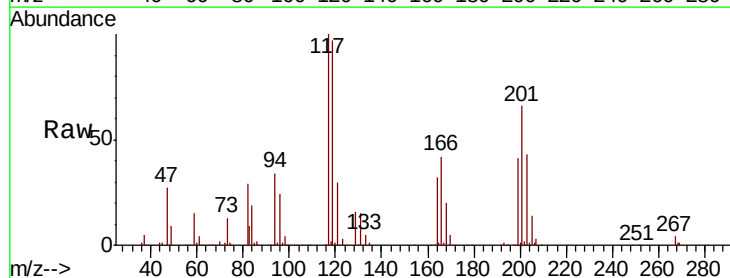
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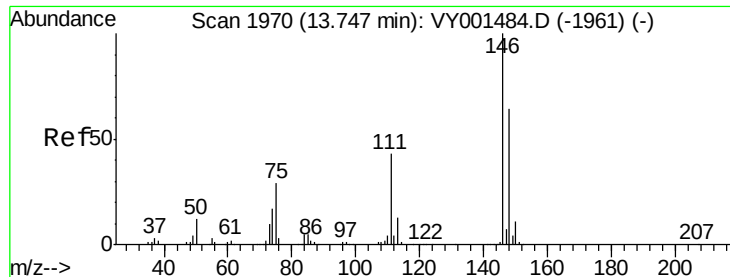
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#90
Hexachloroethane
Concen: 40.998 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.9	34.1	102.3





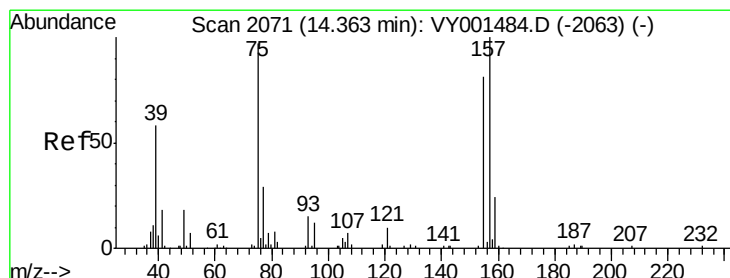
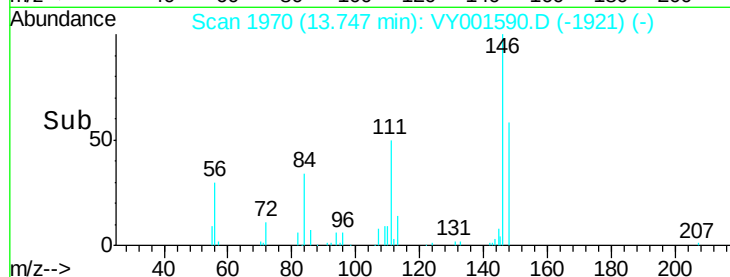
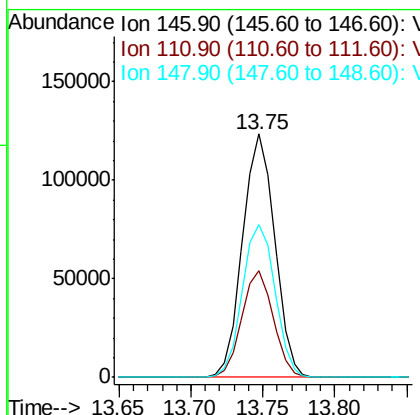
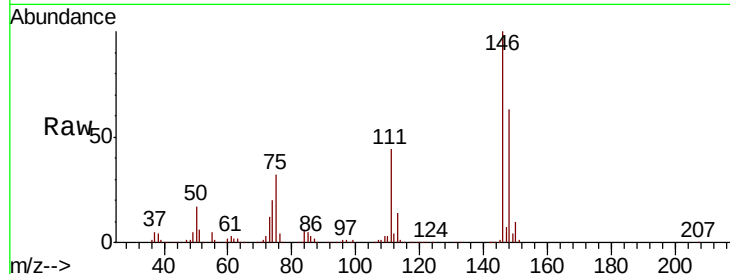
#91
 1,2-Dichlorobenzene
 Concen: 43.009 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.8
148	63.7	31.8	95.3

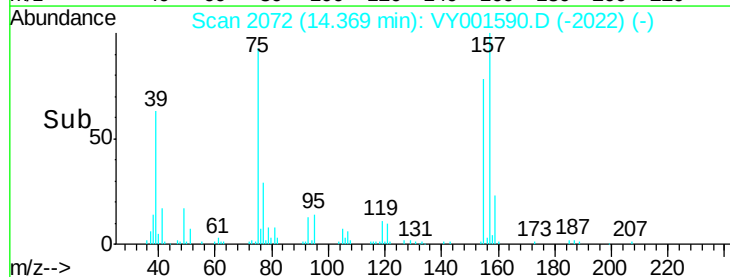
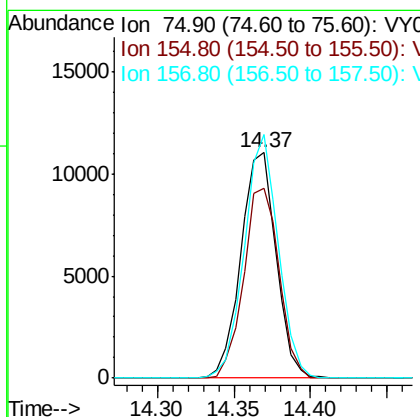
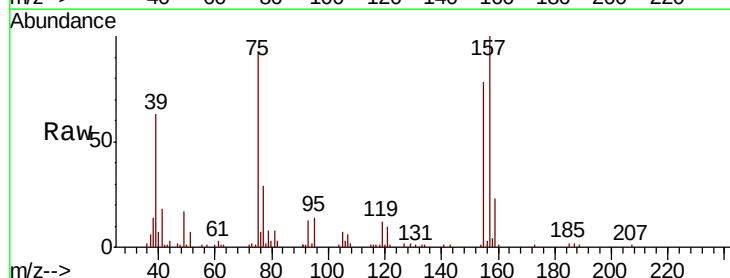
Manual Integrations
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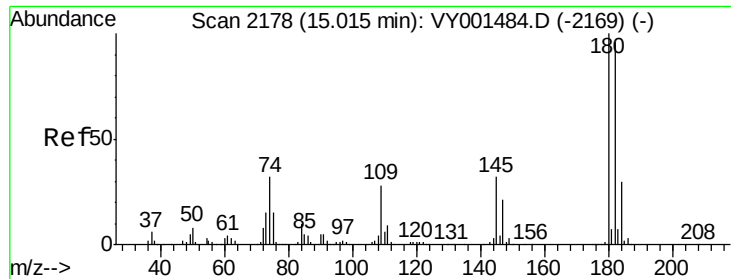
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.458 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	40.7	122.1
157	103.7	52.3	157.1





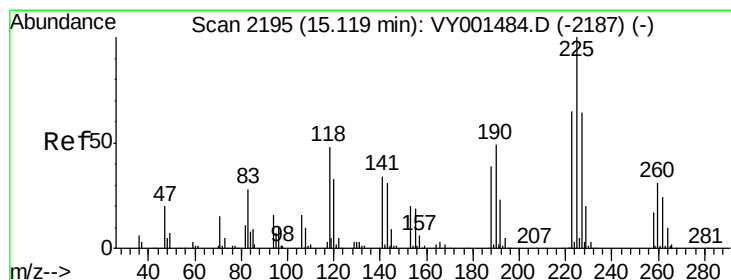
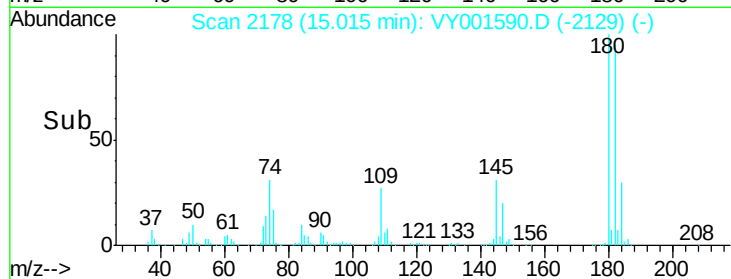
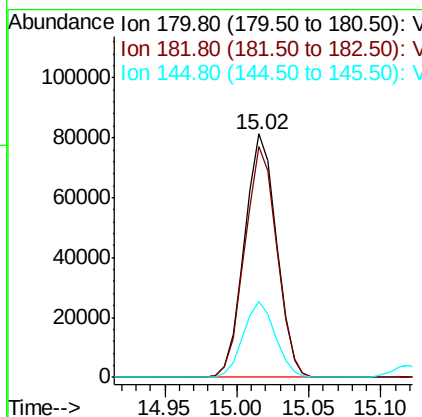
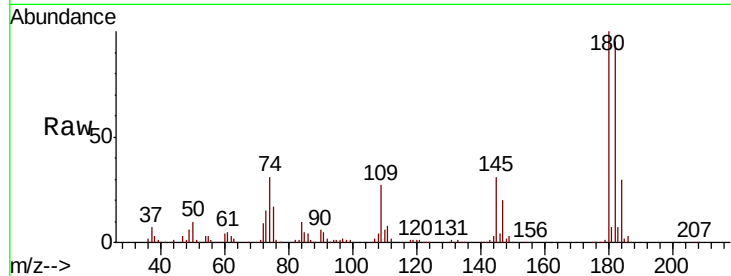
#93
 1,2,4-Trichlorobenzene
 Concen: 41.789 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125346		
182	94.7	46.9	140.7	
145	31.1	16.8	50.3	

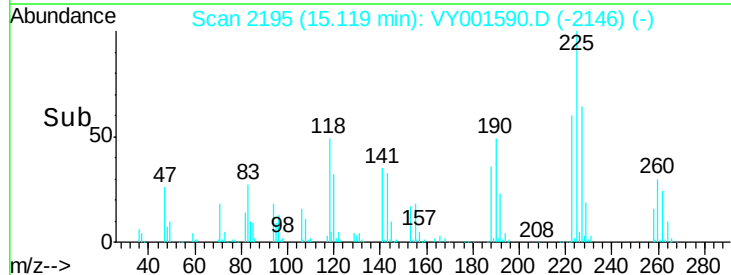
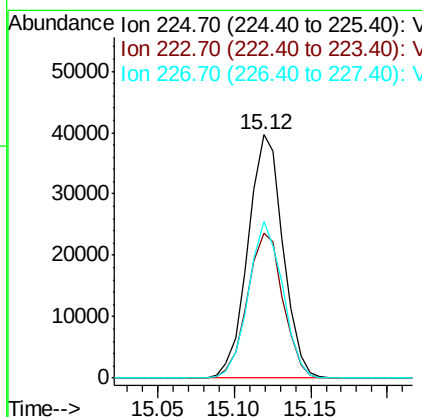
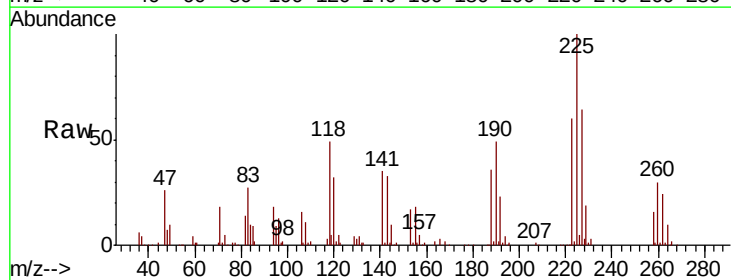
Manual Integrations
 APPROVED

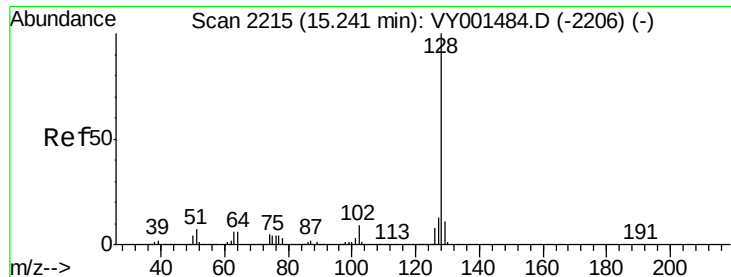
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 41.444 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001590.D
 Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63092		
223	60.9	31.9	95.7	
227	63.2	32.6	97.7	





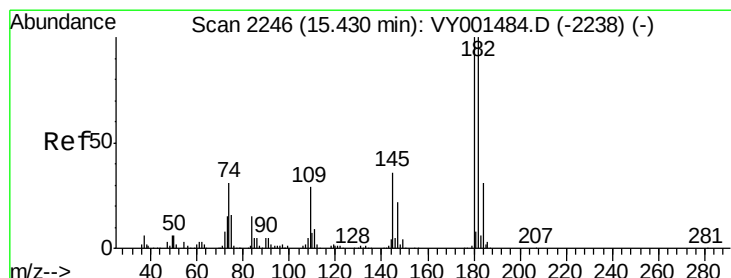
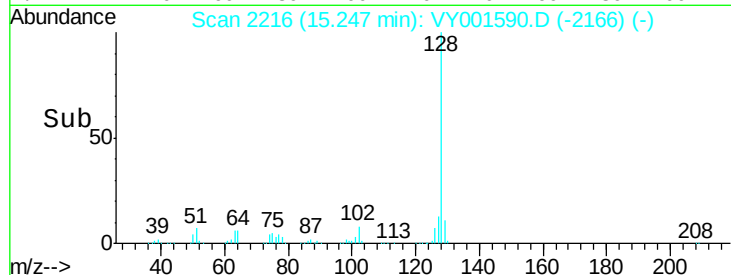
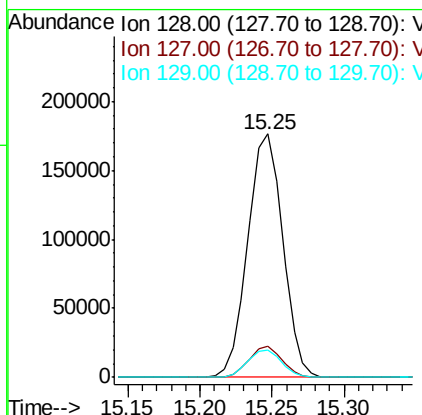
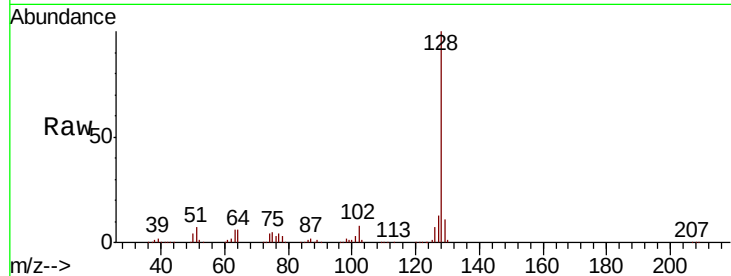
#95
Naphthalene
Concen: 42.031 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	296299		
127	12.2	10.1	15.1	
129	11.1	8.9	13.3	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 42.397 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001590.D
Acq: 10 Feb 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112258		
182	93.8	48.0	144.2	
145	32.5	17.8	53.5	

