

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003051.D
 Acq On : 01 Jul 2020 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/2/2020 4:48:41 PM

Quant Time: Jul 01 18:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	470462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	674576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	613586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	323666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	228806	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.72	113	221692	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.18	98	822090	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.48	95	288991	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	170341	47.809	ug/l	94
3) Chloromethane	2.11	50	214084	41.032	ug/l	98
4) Vinyl Chloride	2.26	62	243909	47.925	ug/l	97
5) Bromomethane	2.65	94	172278	49.856	ug/l	96
6) Chloroethane	2.80	64	156454	48.324	ug/l	100
7) Trichlorofluoromethane	3.13	101	348476	48.512	ug/l	98
8) Diethyl Ether	3.54	74	116847	47.450	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	216047	50.372	ug/l	99
10) Methyl Iodide	4.10	142	267720	50.338	ug/l	99
11) Tert butyl alcohol	4.97	59	109606	230.170	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	198725	48.696	ug/l	96
13) Acrolein	3.74	56	103571	242.162	ug/l	99
14) Allyl chloride	4.49	41	317712	44.591	ug/l	99
15) Acrylonitrile	5.18	53	291650	229.800	ug/l	100
16) Acetone	3.96	43	279143	253.299	ug/l	99
17) Carbon Disulfide	4.20	76	614658	47.141	ug/l	98
18) Methyl Acetate	4.49	43	127880	43.071	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	573696	48.228	ug/l	97
20) Methylene Chloride	4.72	84	256100	52.414	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	224278	48.586	ug/l	95
22) Diisopropyl ether	6.13	45	697713	45.688	ug/l	97
23) Vinyl Acetate	6.07	43	2339324	229.123	ug/l	99
24) 1,1-Dichloroethane	6.02	63	396826	47.569	ug/l	99
25) 2-Butanone	6.99	43	410293	234.375	ug/l	100
26) 2,2-Dichloropropane	6.99	77	368949	48.679	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	252511	48.771	ug/l	97
28) Bromochloromethane	7.34	49	183007	49.305	ug/l	93
29) Tetrahydrofuran	7.35	42	262163	225.199	ug/l	96
30) Chloroform	7.51	83	396881	48.023	ug/l	100
31) Cyclohexane	7.78	56	366028	44.539	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	365286	48.423	ug/l	99
36) 1,1-Dichloropropene	7.92	75	317297	48.832	ug/l	99
37) Ethyl Acetate	7.08	43	177389	45.405	ug/l	99
38) Carbon Tetrachloride	7.91	117	331414	49.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	398811	49.503	ug/l	97
40) Benzene	8.16	78	870544	48.937	ug/l	100
41) Methacrylonitrile	7.33	41	114557m	54.892	ug/l	
42) 1,2-Dichloroethane	8.24	62	268879	47.778	ug/l	99
43) Isopropyl Acetate	8.28	43	346116	46.602	ug/l	96
44) Trichloroethene	8.94	130	263735	51.008	ug/l	100
45) 1,2-Dichloropropane	9.22	63	229478	47.948	ug/l	98
46) Dibromomethane	9.31	93	132854	49.702	ug/l	98
47) Bromodichloromethane	9.50	83	322863	49.328	ug/l	99
48) Methyl methacrylate	9.30	41	155483	45.993	ug/l	94
49) 1,4-Dioxane	9.30	88	33269	1019.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	923590	240.598	ug/l	98
52) Toluene	10.25	92	556450	49.690	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	334820	48.792	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	384563	49.001	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	185926	50.055	ug/l	99
56) Ethyl methacrylate	10.51	69	264965	49.279	ug/l	97
57) 1,3-Dichloropropane	10.79	76	319746	49.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	717891	260.330	ug/l	98
59) 2-Hexanone	10.83	43	658069	245.261	ug/l	98
60) Dibromochloromethane	10.99	129	239414	50.366	ug/l	98
61) 1,2-Dibromoethane	11.09	107	183484	50.106	ug/l	98
64) Tetrachloroethene	10.72	164	257411	49.568	ug/l	97
65) Chlorobenzene	11.52	112	609418	50.370	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	238137	50.414	ug/l	99
67) Ethyl Benzene	11.59	91	1104529	49.902	ug/l	99
68) m/p-Xylenes	11.70	106	828115	100.526	ug/l	100
69) o-Xylene	12.03	106	389036	50.116	ug/l	97
70) Styrene	12.05	104	669255	50.465	ug/l	99
71) Bromoform	12.21	173	159914	50.771	ug/l	99
73) Isopropylbenzene	12.33	105	1072052	50.610	ug/l	100
74) N-amyl acetate	12.14	43	328505	47.638	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	217026	50.770	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	165128m	51.549	ug/l	
77) Bromobenzene	12.61	156	269486	49.618	ug/l	100
78) n-propylbenzene	12.67	91	1275339	50.062	ug/l	100
79) 2-Chlorotoluene	12.76	91	707009	49.721	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	889086	50.018	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	81576	49.547	ug/l	96
82) 4-Chlorotoluene	12.86	91	744828	50.310	ug/l	99
83) tert-Butylbenzene	13.08	119	779211	49.924	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	895284	49.984	ug/l	99
85) sec-Butylbenzene	13.25	105	1079605	50.183	ug/l	100
86) p-Isopropyltoluene	13.37	119	1003261	50.328	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	509262	50.224	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	501526	50.159	ug/l	100
89) n-Butylbenzene	13.70	91	963134	50.497	ug/l	99
90) Hexachloroethane	13.96	117	201093	50.801	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	452245	49.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37896	50.079	ug/l	98

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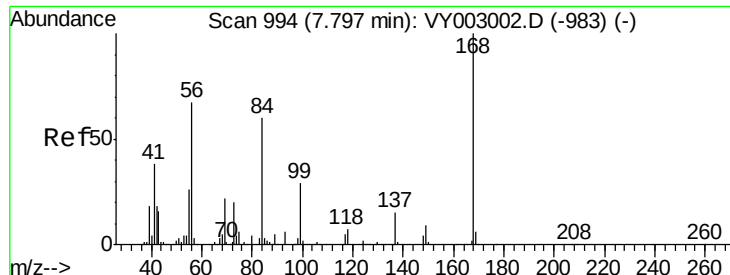
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	340501	50.369	ug/l	99
94) Hexachlorobutadiene	15.11	225	214944	50.408	ug/l	98
95) Naphthalene	15.23	128	618259	50.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	297704	50.716	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 470462

Ion Ratio Lower Upper

168 100

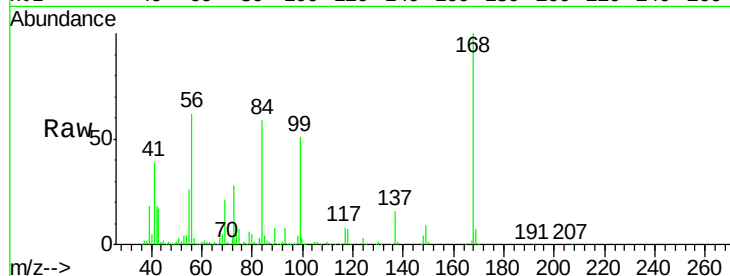
99 50.9 39.2 58.8

Manual Integrations

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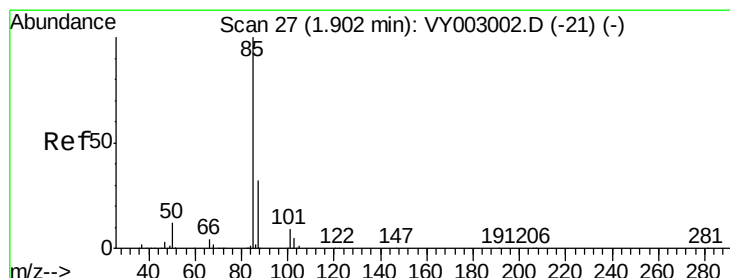
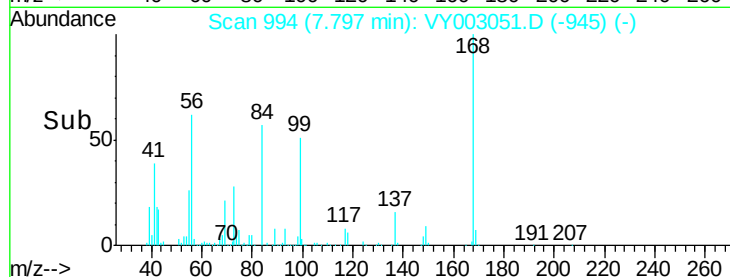
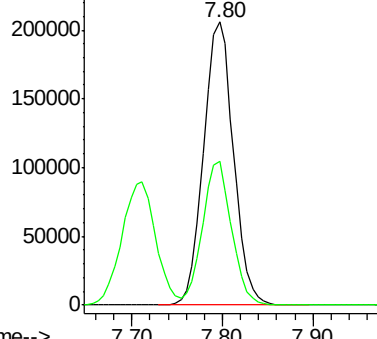
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 47.809 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003051.D

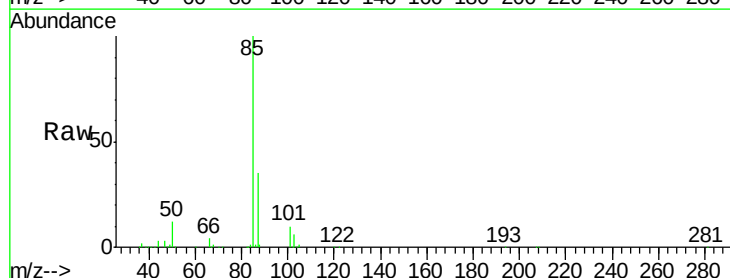
Acq: 01 Jul 2020 10:51

Tgt Ion: 85 Resp: 170341

Ion Ratio Lower Upper

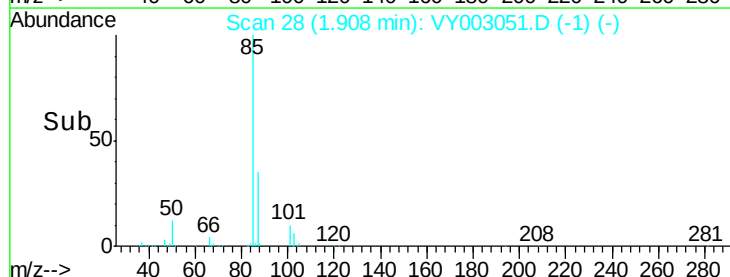
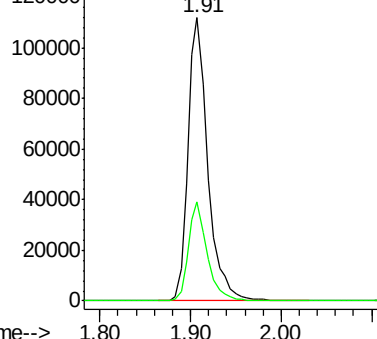
85 100

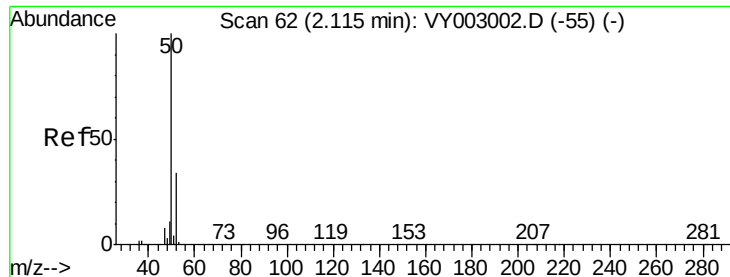
87 35.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 41.032 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 214084

Ion Ratio Lower Upper

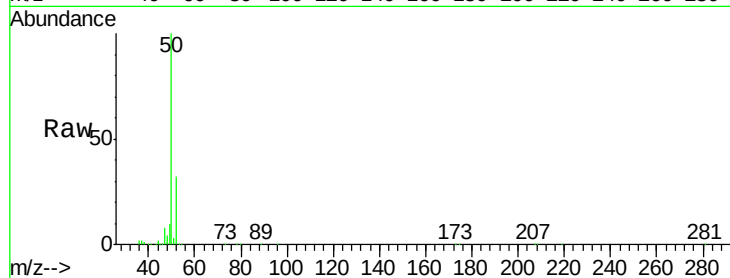
50 100

52 32.2 26.9 40.3

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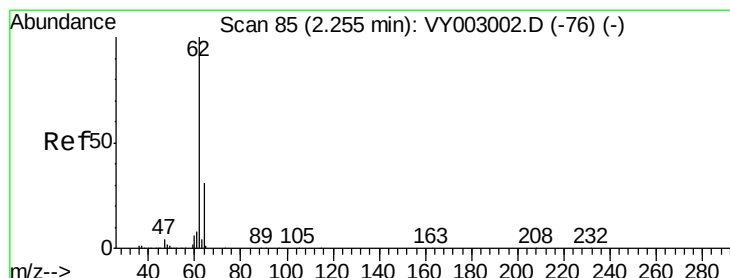
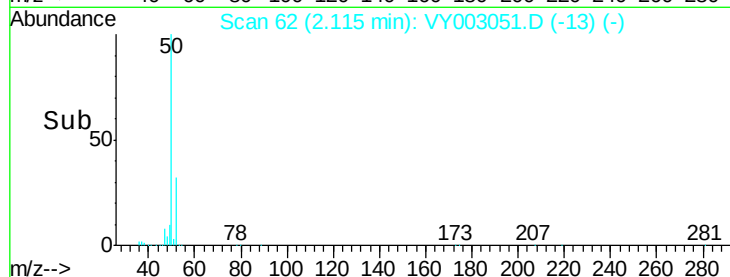
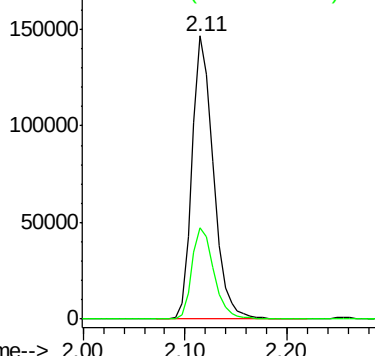
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.925 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003051.D

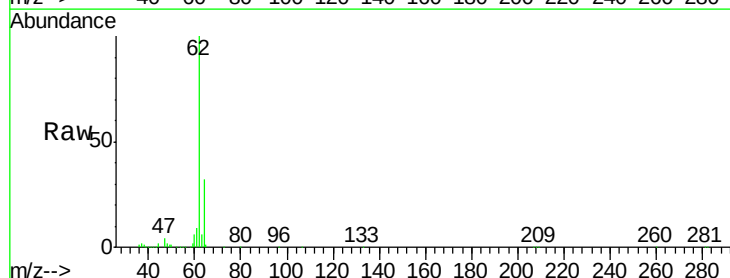
Acq: 01 Jul 2020 10:51

Tgt Ion: 62 Resp: 243909

Ion Ratio Lower Upper

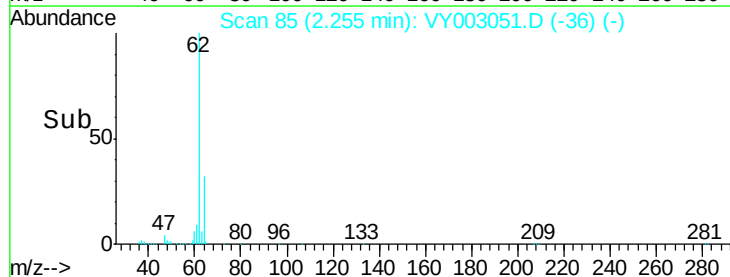
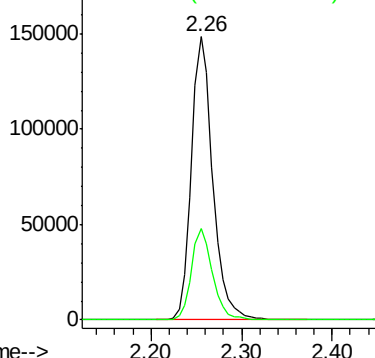
62 100

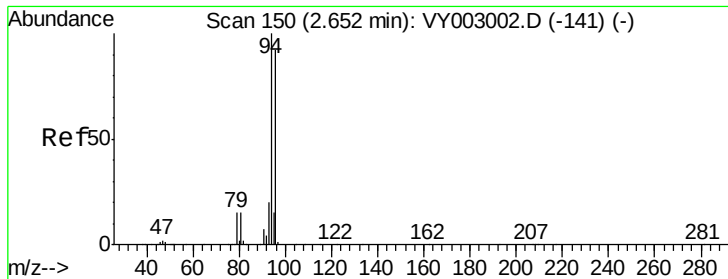
64 32.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.856 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 172278

Ion Ratio Lower Upper

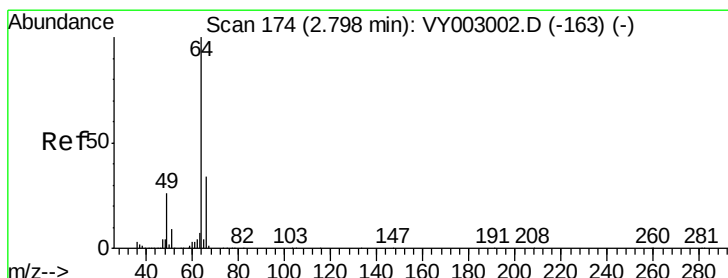
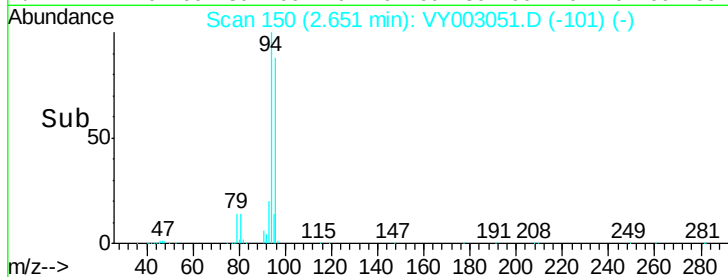
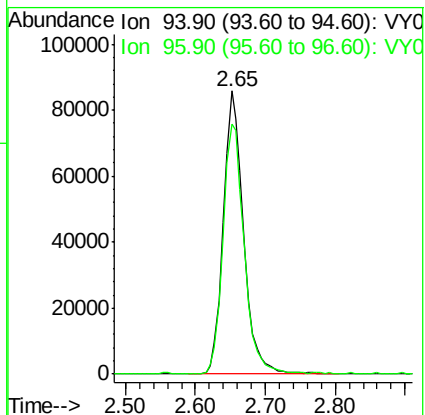
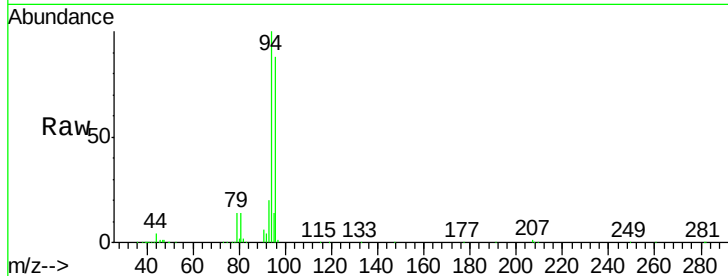
94 100

96 88.1 73.4 110.2

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#6

Chloroethane

Concen: 48.324 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003051.D

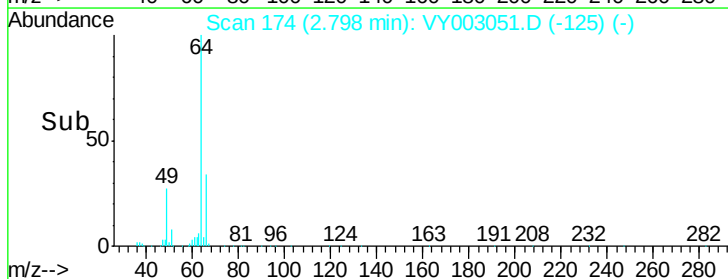
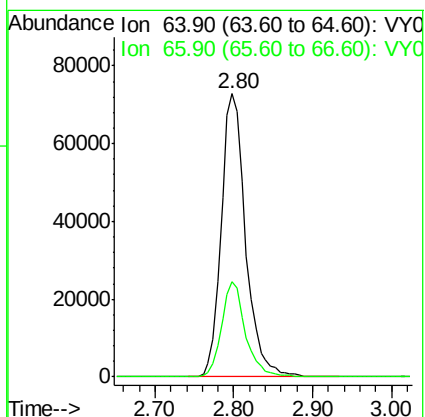
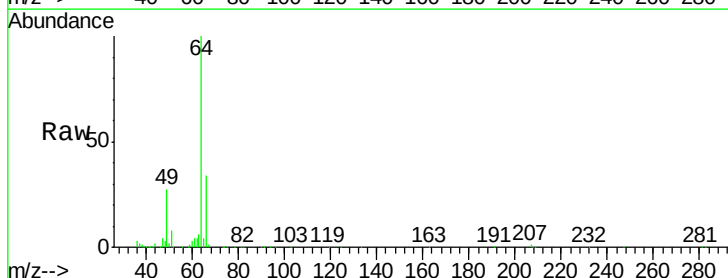
Acq: 01 Jul 2020 10:51

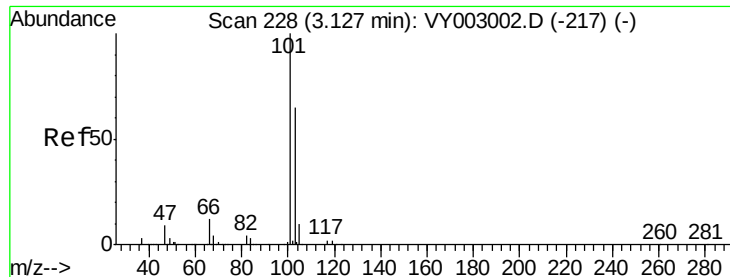
Tgt Ion: 64 Resp: 156454

Ion Ratio Lower Upper

64 100

66 33.6 27.0 40.4





#7

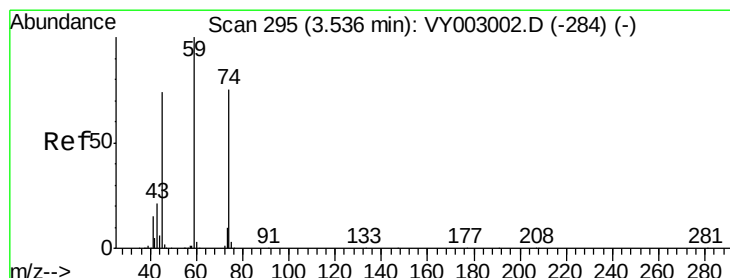
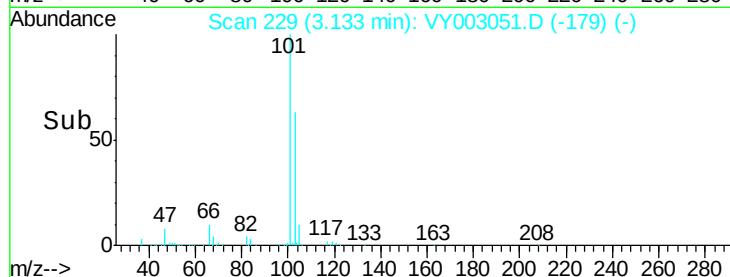
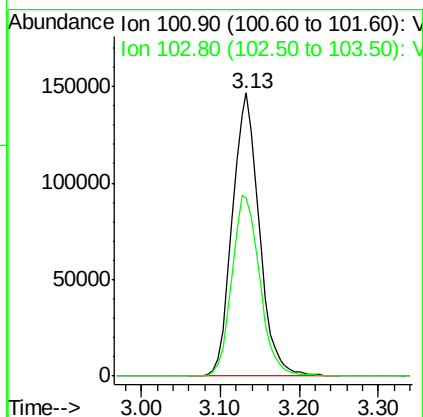
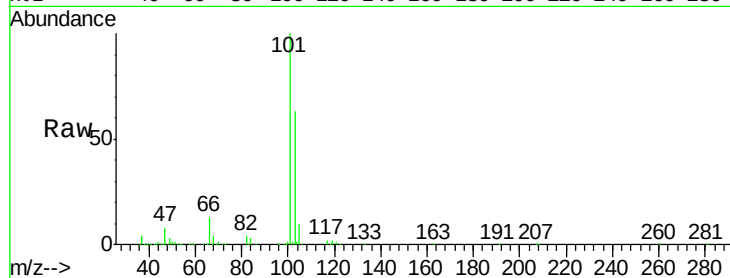
Trichlorofluoromethane
Concen: 48.512 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.6	77.4

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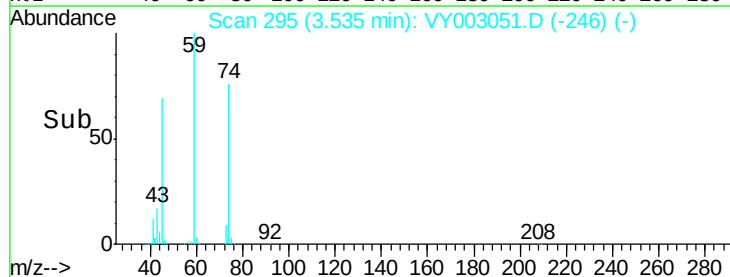
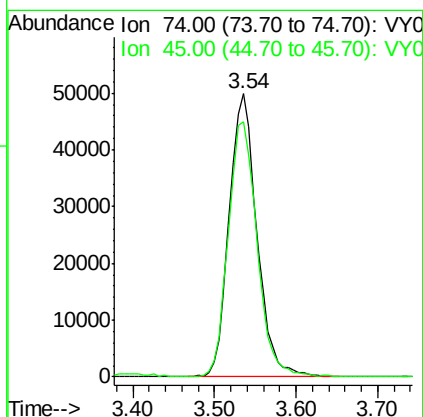
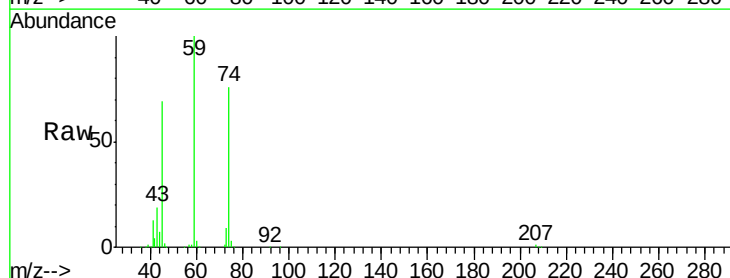
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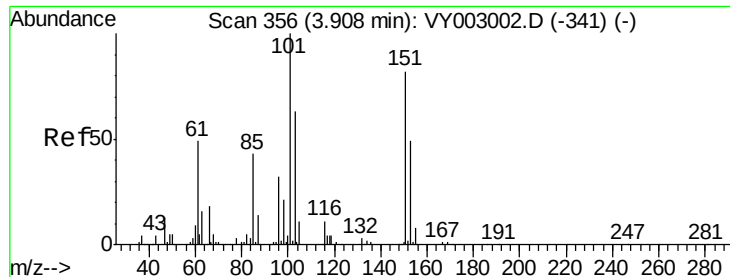


#8

Diethyl Ether
Concen: 47.450 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003051.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.372 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003051.D

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Instrument :

MSVOA_Y

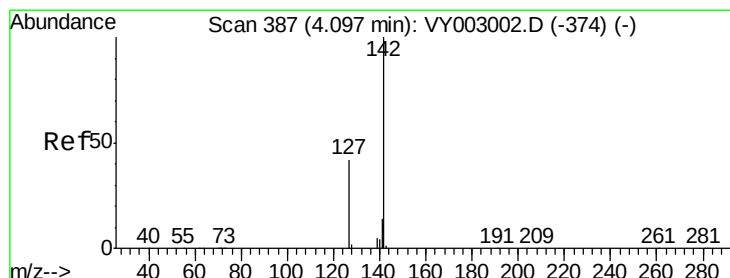
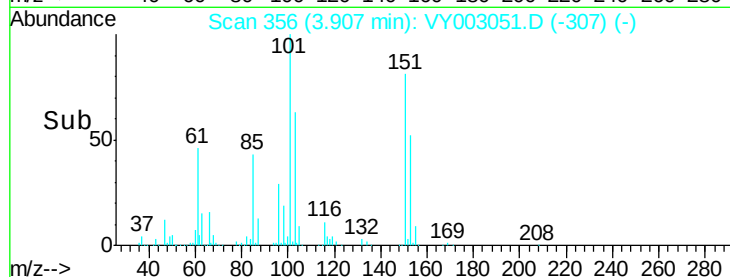
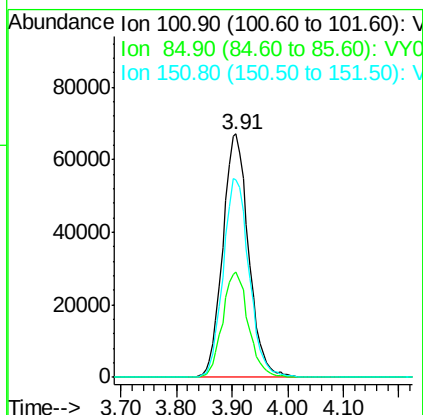
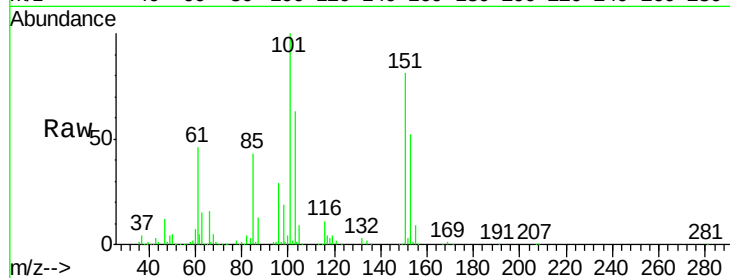
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	216047
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.5	53.3
151	82.2	65.5	98.3

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 50.338 ug/l

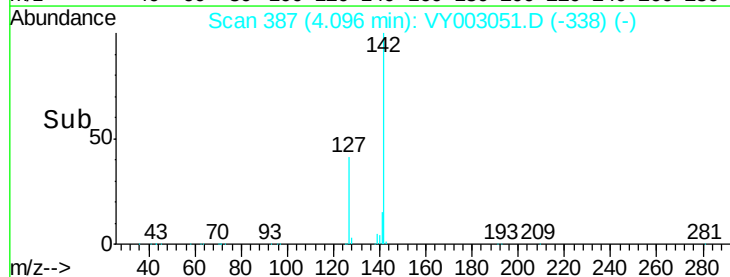
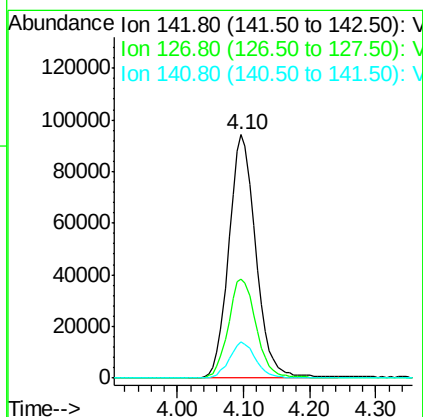
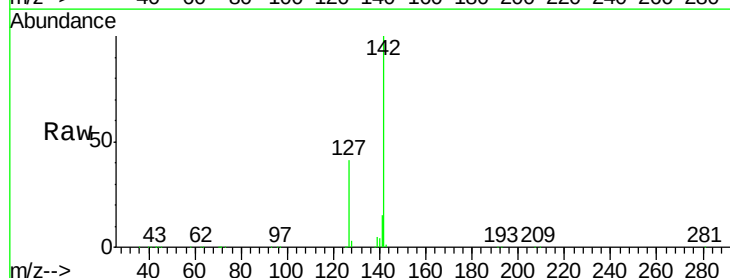
RT: 4.10 min Scan# 387

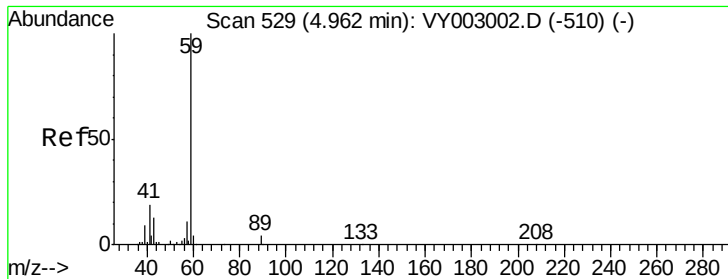
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	142	Resp:	267720
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.2	51.2
141	14.5	11.7	17.5





#11

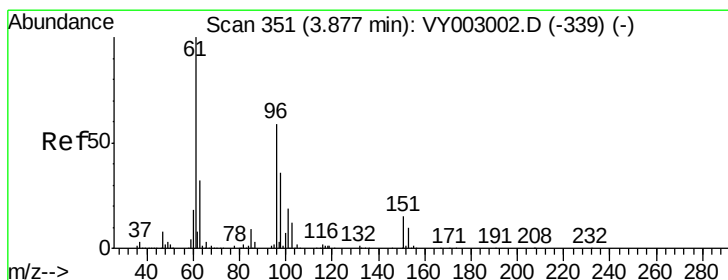
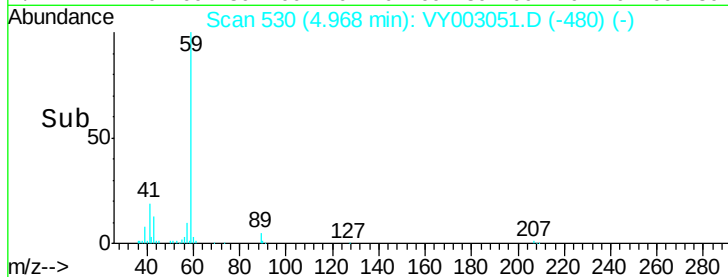
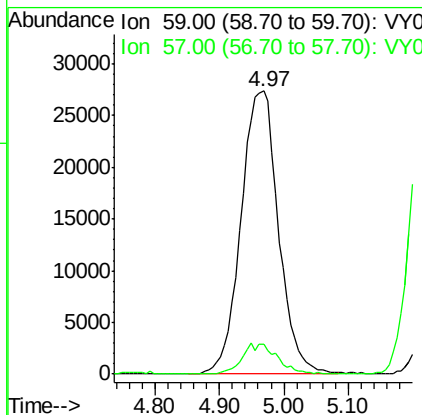
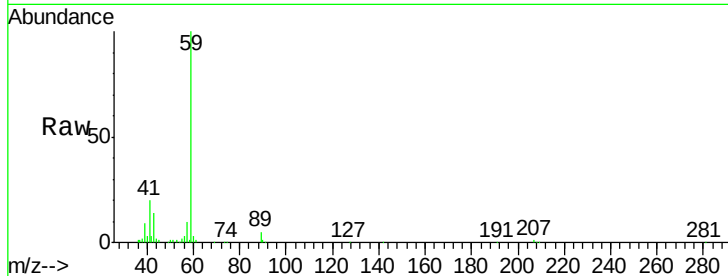
Tert butyl alcohol
 Concen: 230.170 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	109606		
57	57	4.2		8.0	12.0#

Manual Integrations
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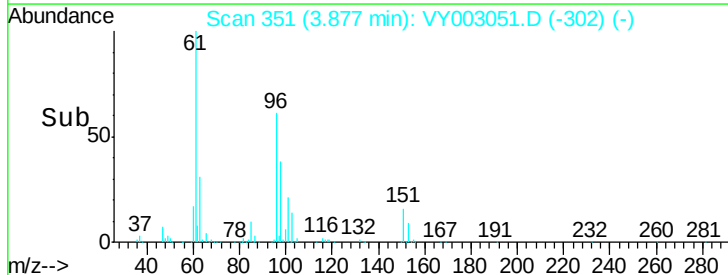
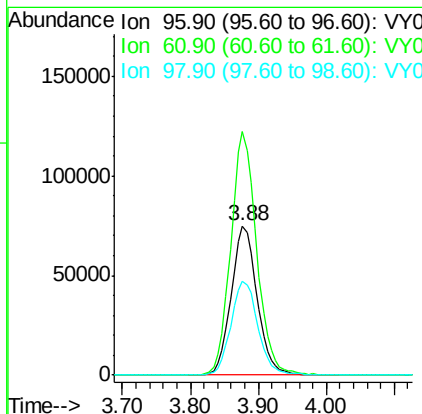
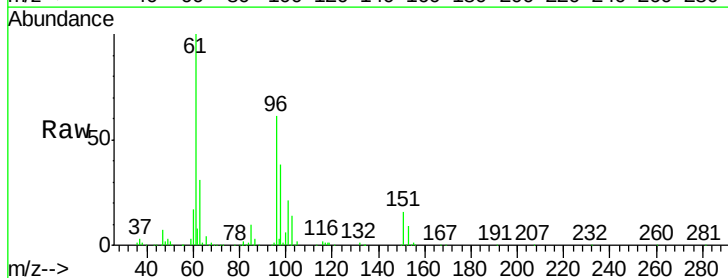
sam
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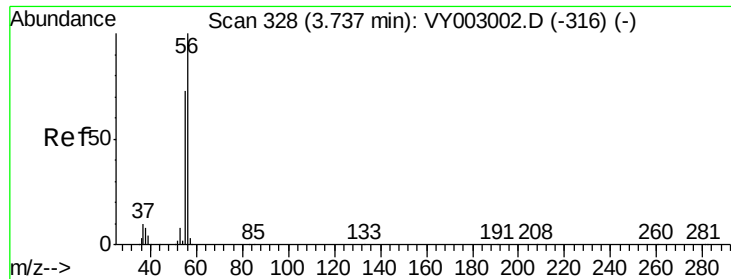


#12

1,1-Dichloroethene
 Concen: 48.696 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	198725		
61	61	162.9		136.7	205.1
98	98	62.4		49.7	74.5





#13

Acrolein

Concen: 242.162 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 103571

Ion Ratio Lower Upper

56 100

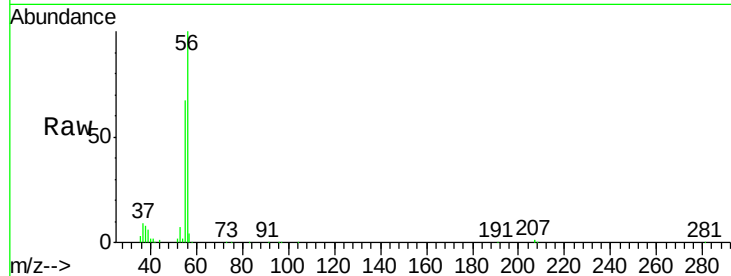
55 71.4 56.4 84.6

Manual Integrations

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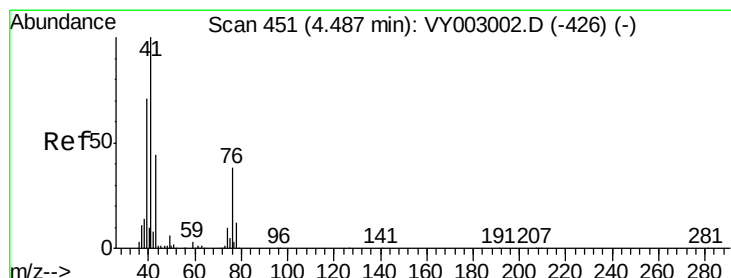
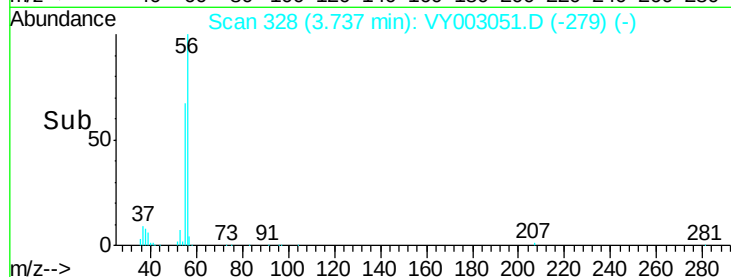
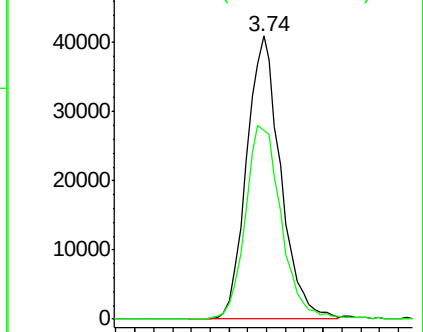
sam

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 44.591 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

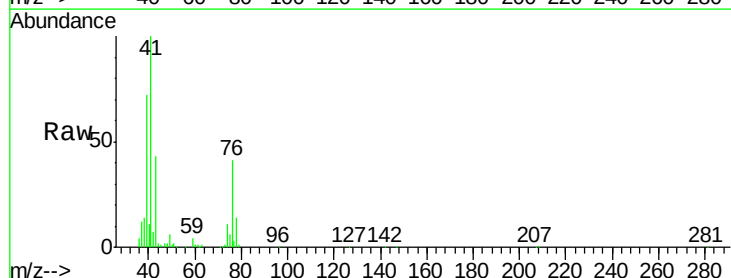
Tgt Ion: 41 Resp: 317712

Ion Ratio Lower Upper

41 100

39 69.8 55.6 83.4

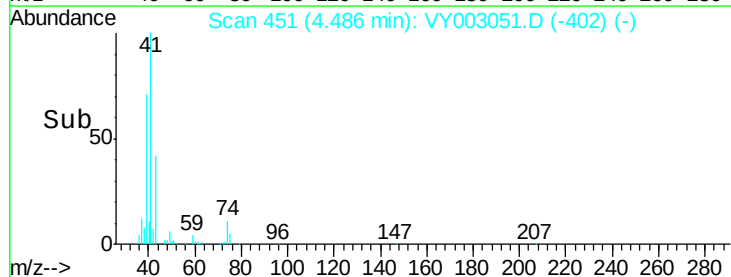
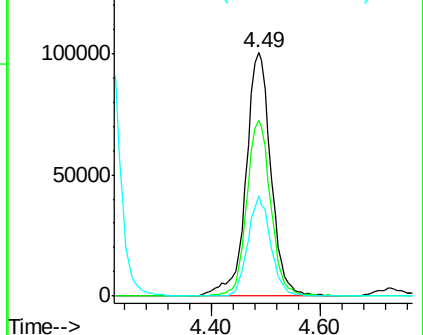
76 37.9 28.6 43.0

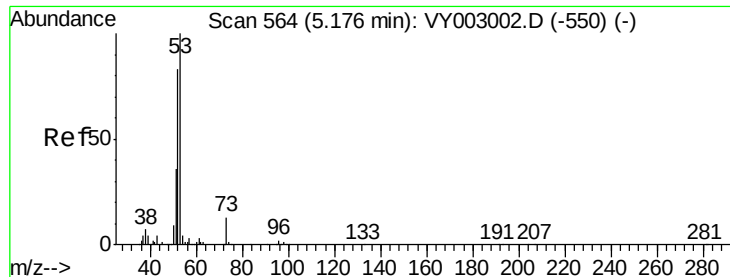


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 229.800 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

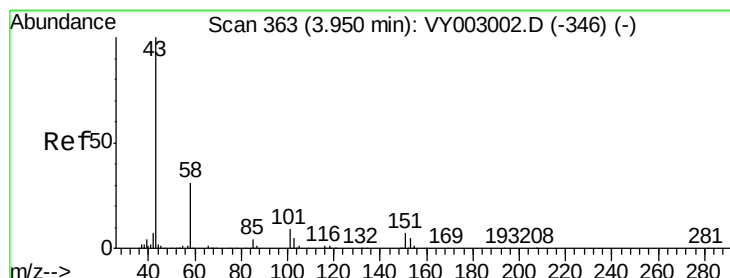
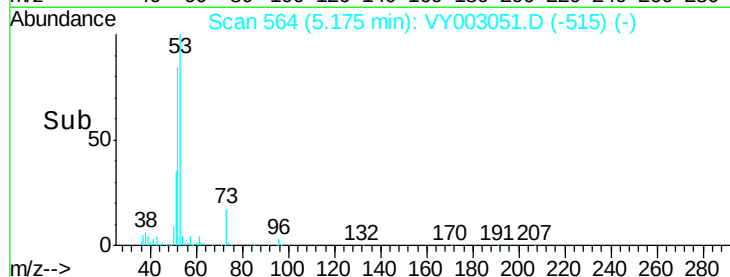
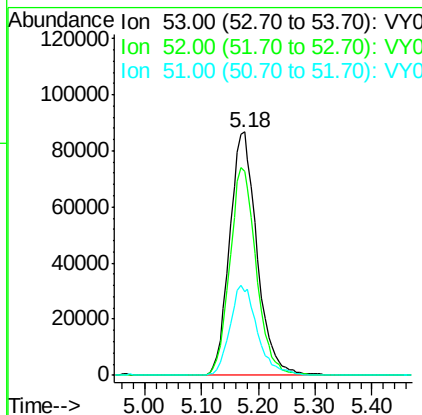
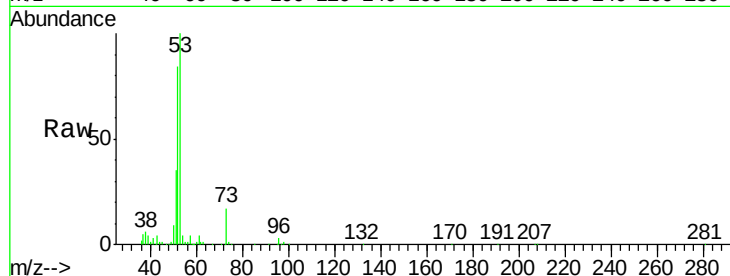
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	291650
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.2
51	36.9	29.5	44.3

Manual Integrations
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sam
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#16

Acetone

Concen: 253.299 ug/l

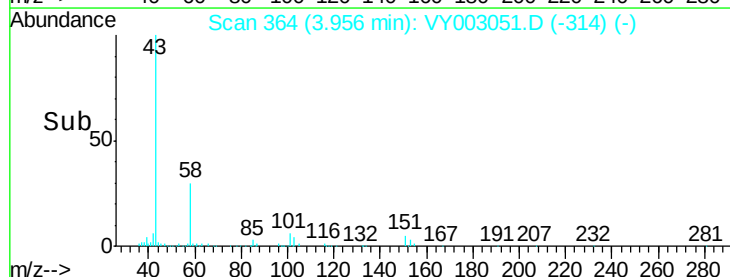
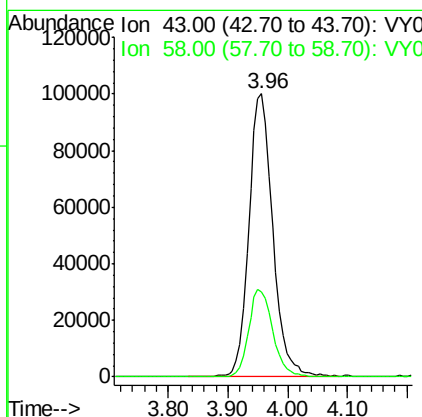
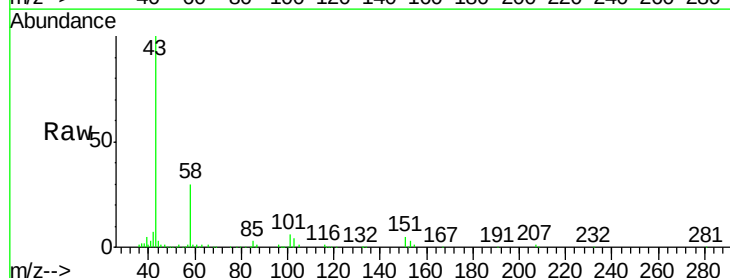
RT: 3.96 min Scan# 364

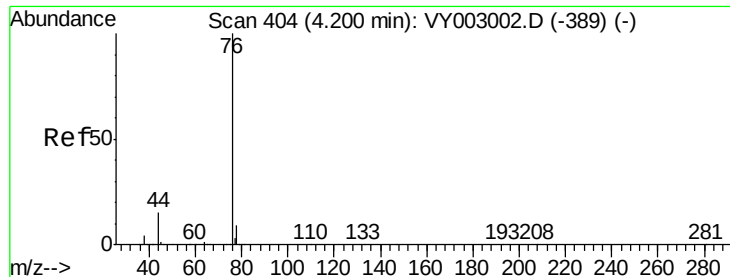
Delta R.T. 0.01 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	43	Resp:	279143
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.7	37.1





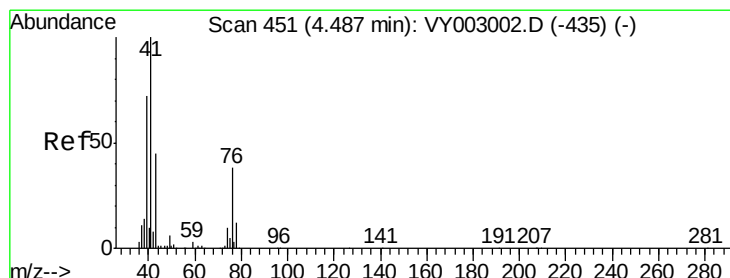
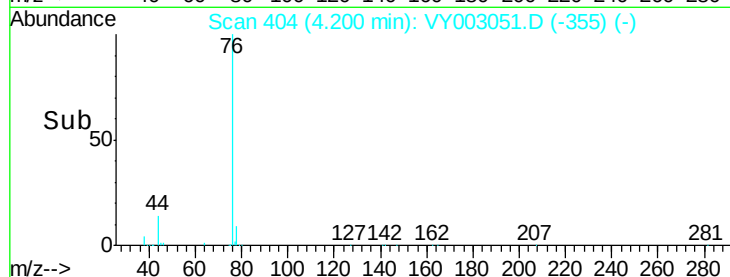
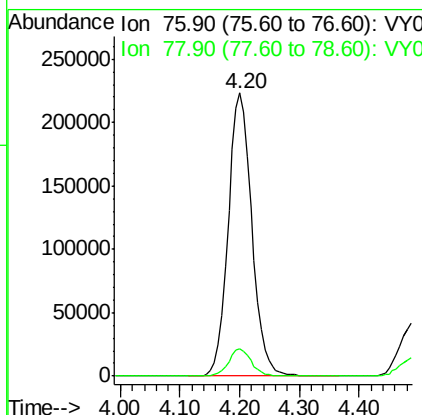
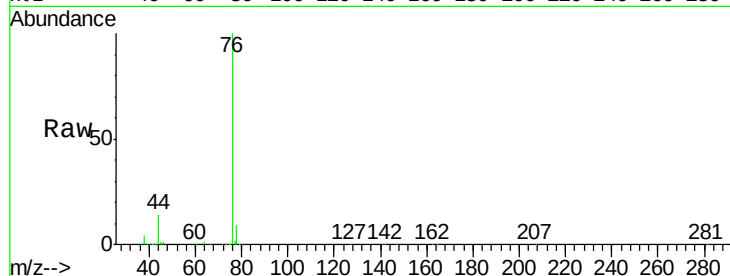
#17
Carbon Disulfide
Concen: 47.141 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

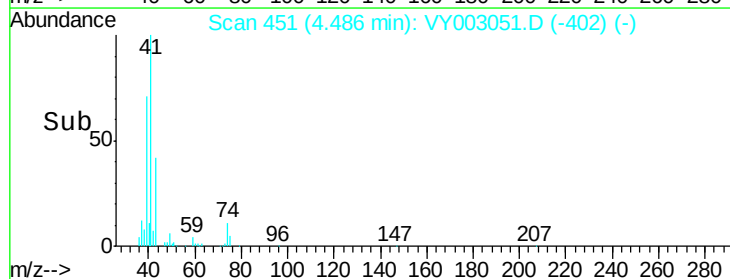
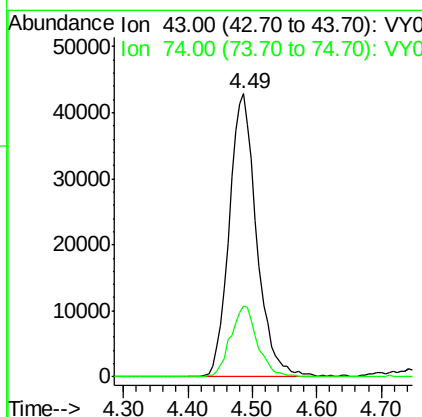
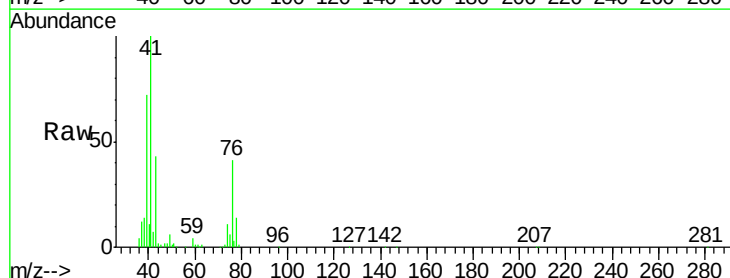
Manual Integrations
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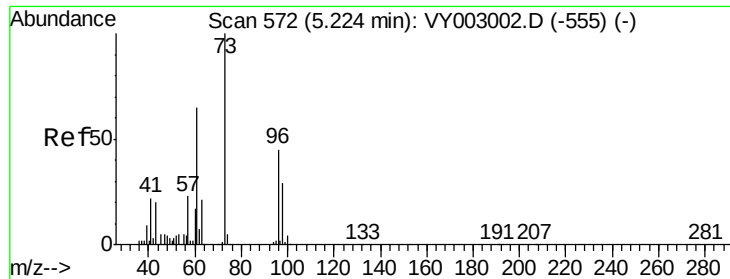
Sam
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#18
Methyl Acetate
Concen: 43.071 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.2	27.4





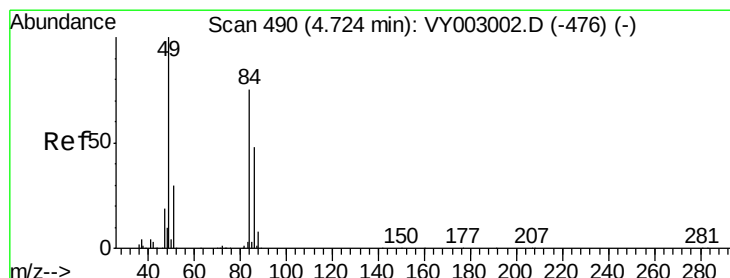
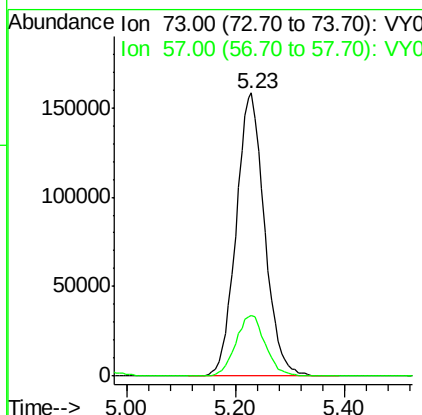
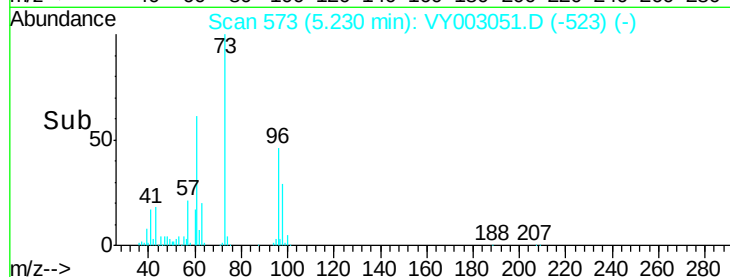
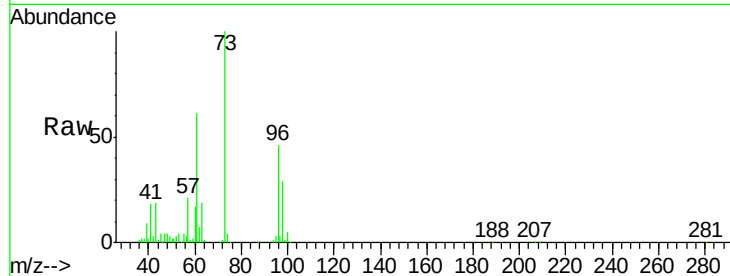
#19
Methyl tert-butyl Ether
Concen: 48.228 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 573696
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.2

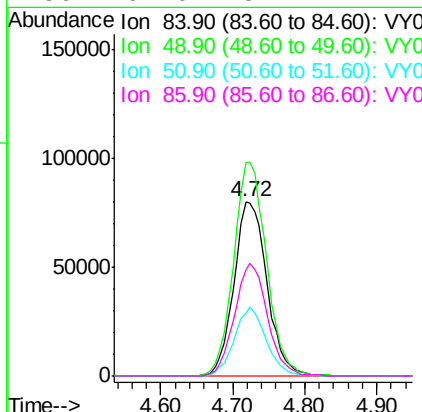
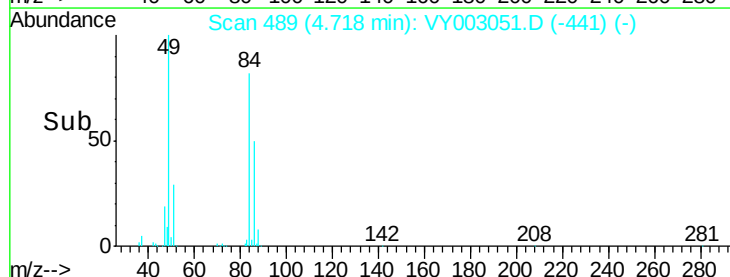
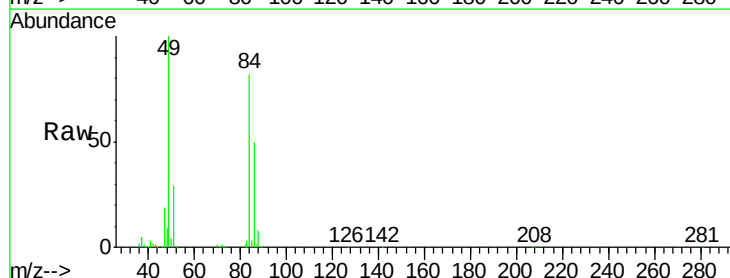
Manual Integrations
APPROVED

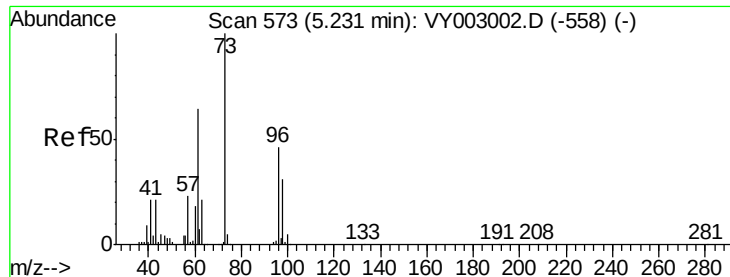
sam
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#20
Methylene Chloride
Concen: 52.414 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion: 84 Resp: 256100
Ion Ratio Lower Upper
84 100
49 122.6 106.8 160.2
51 36.1 32.0 48.0
86 61.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.586 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

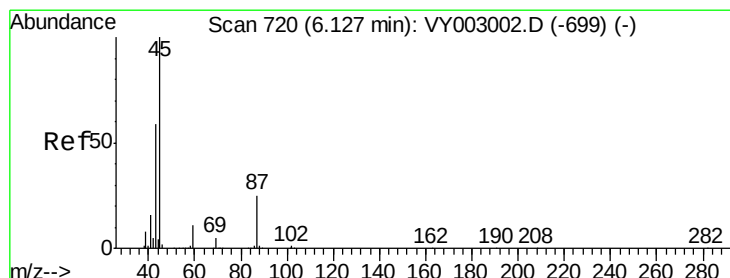
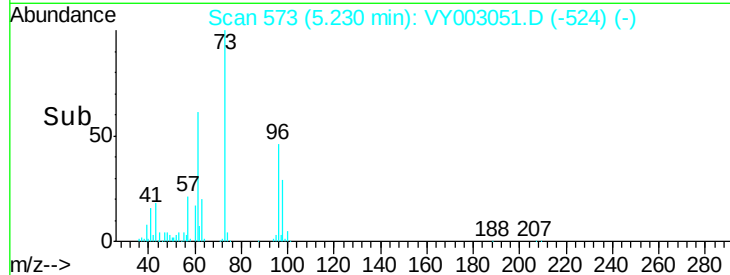
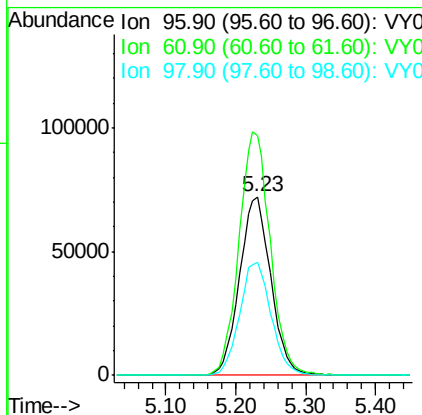
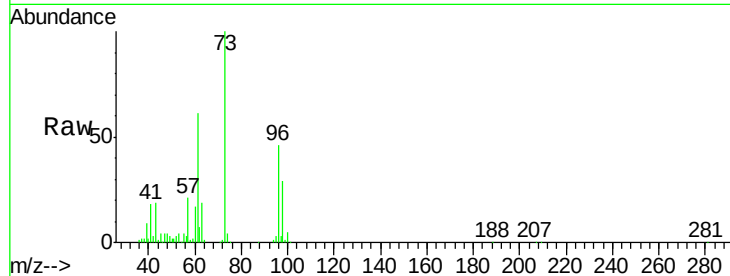
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	224278
Ion	Ratio	Lower	Upper
96	100		
61	134.1	112.3	168.5
98	63.0	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.688 ug/l

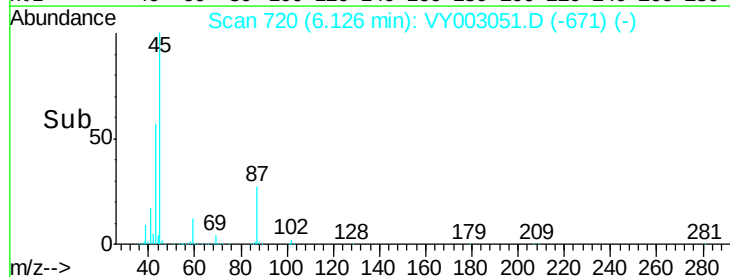
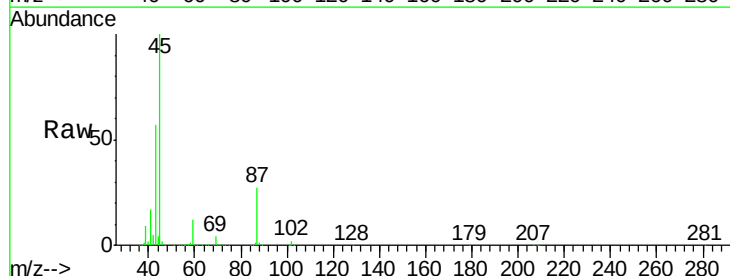
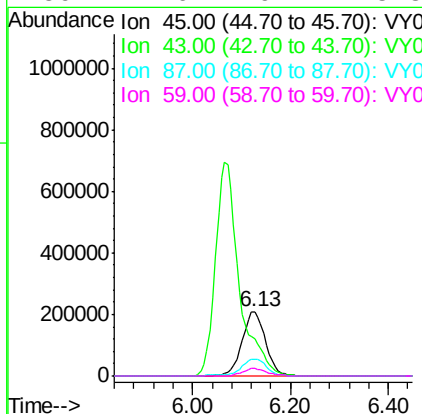
RT: 6.13 min Scan# 720

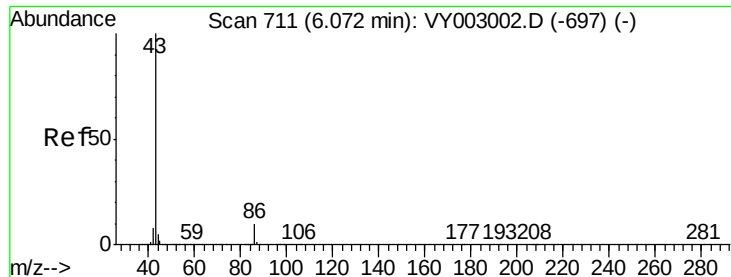
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	45	Resp:	697713
Ion	Ratio	Lower	Upper
45	100		
43	57.0	47.4	71.2
87	26.9	20.2	30.2
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 229.123 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2339324

Ion Ratio Lower Upper

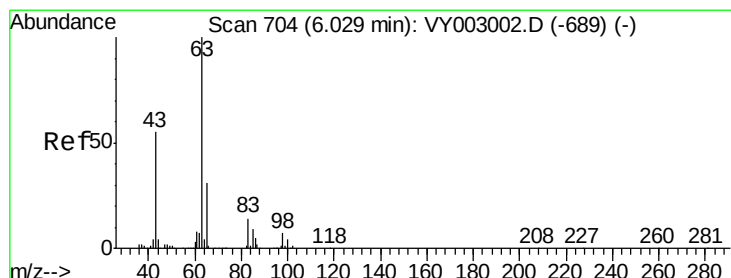
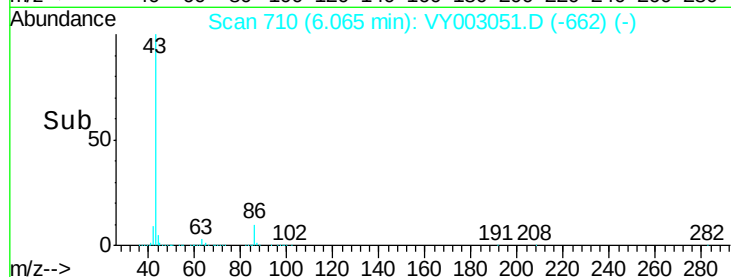
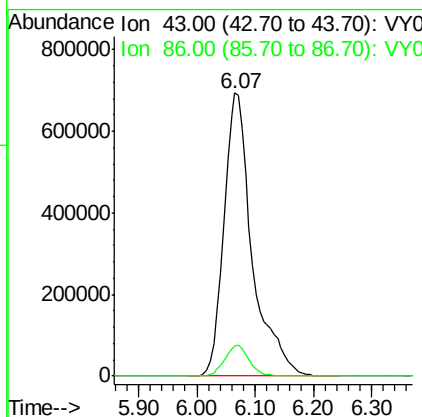
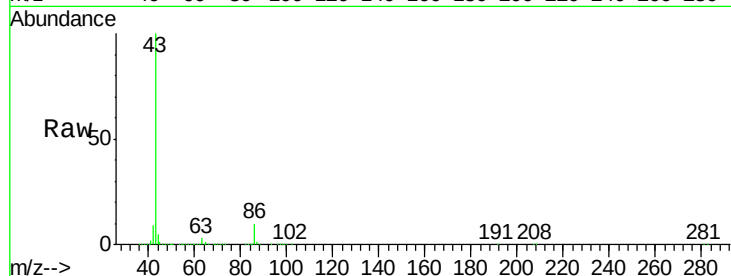
43 100

86 10.4 8.1 12.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.569 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

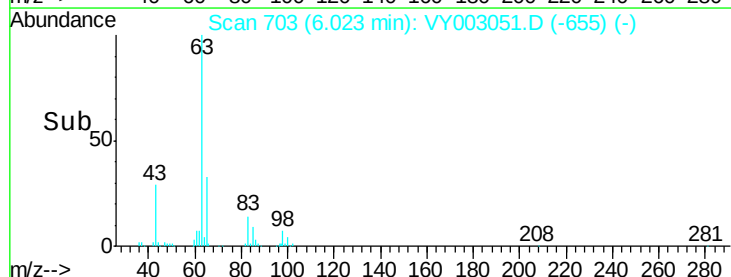
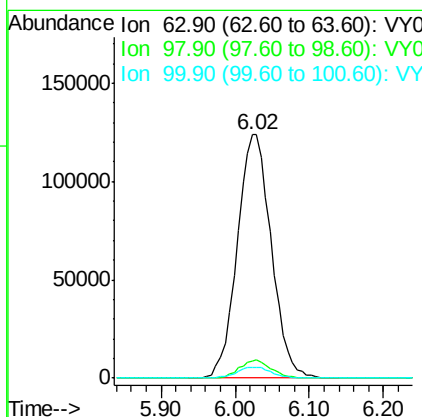
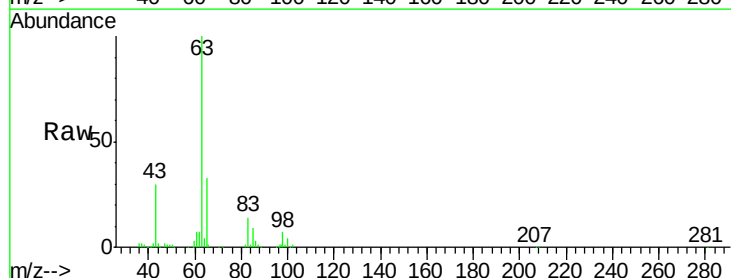
Tgt Ion: 63 Resp: 396826

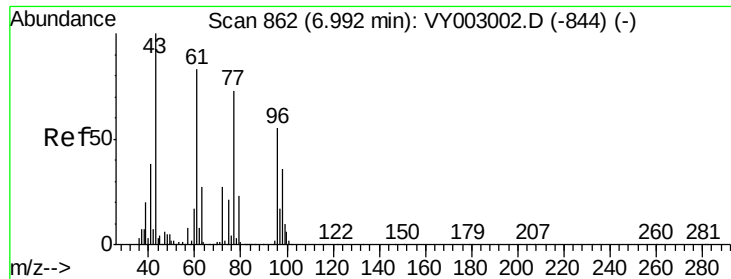
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.3 2.3 6.8





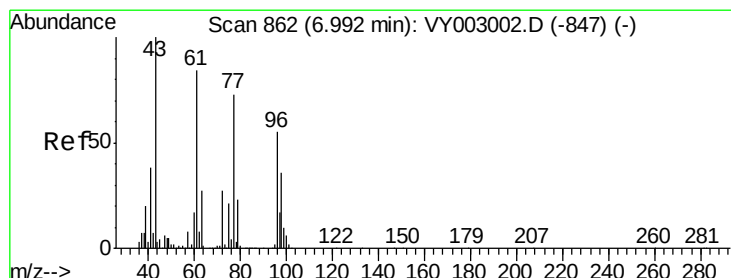
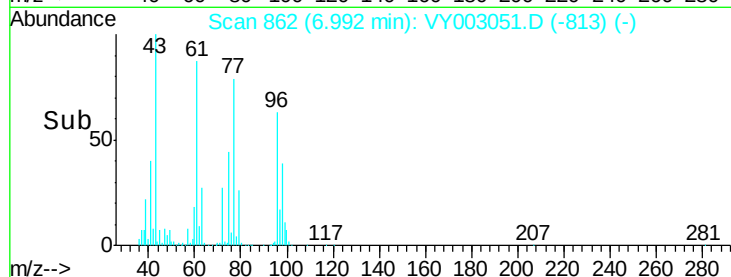
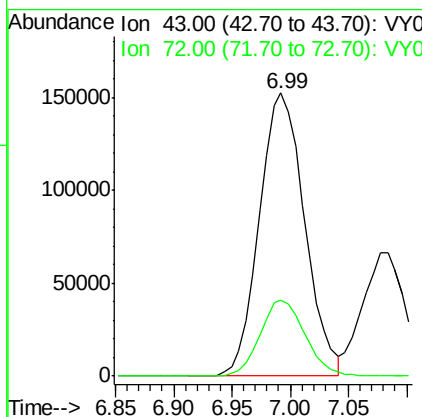
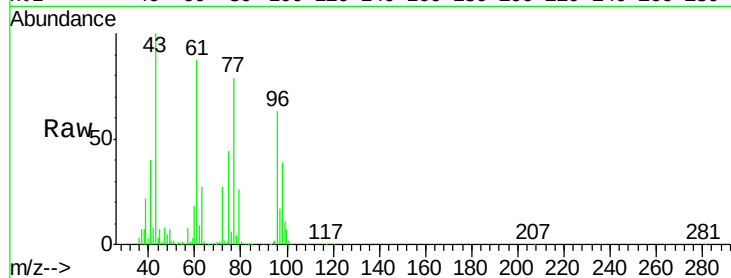
#25
2-Butanone
Concen: 234.375 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 410293
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.0

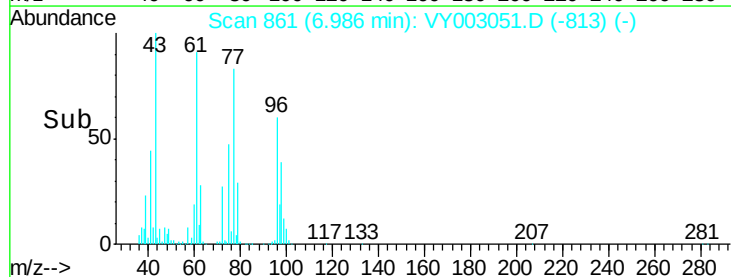
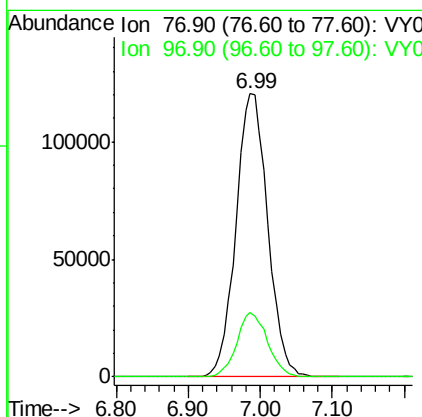
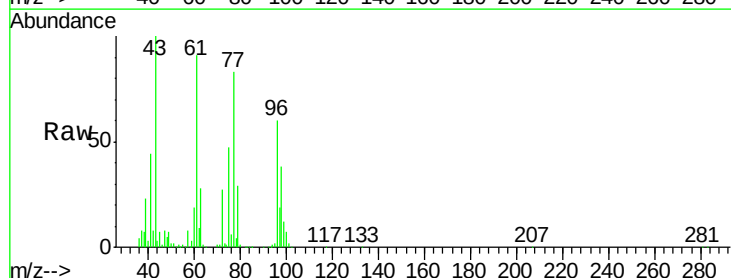
Manual Integrations
APPROVED

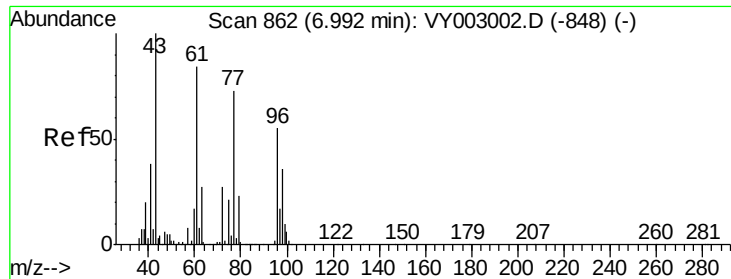
Sam
7/2/2020 4:48:41 PM



#26
2,2-Dichloropropane
Concen: 48.679 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion: 77 Resp: 368949
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.9





#27

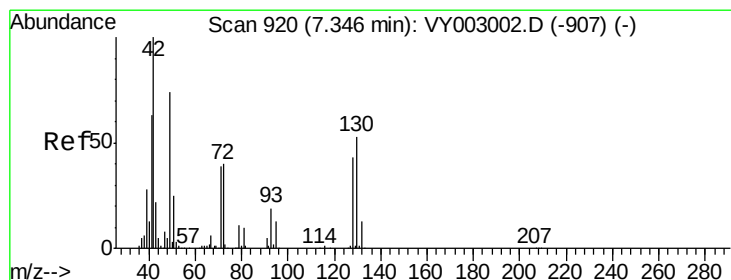
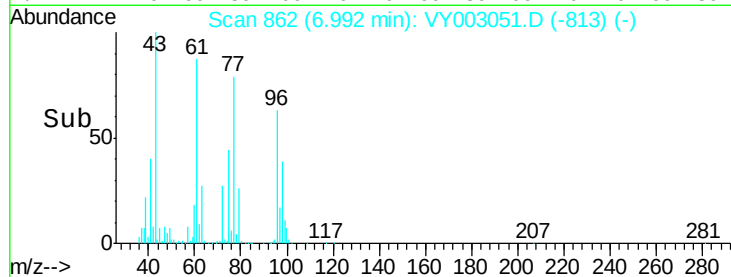
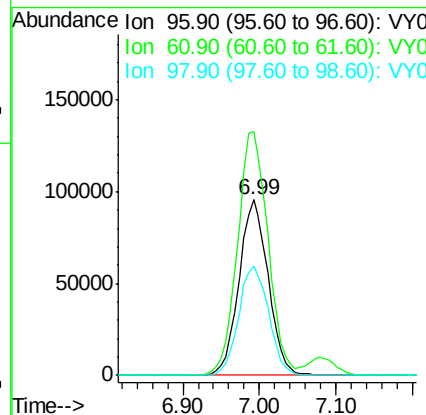
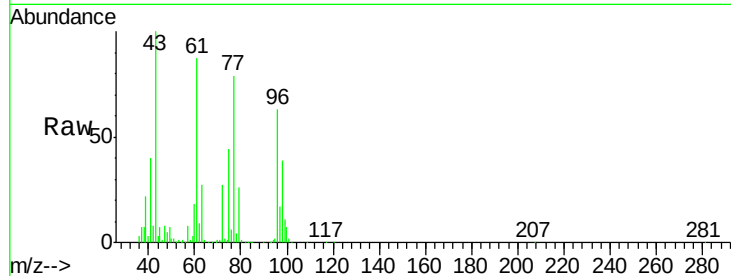
cis-1,2-Dichloroethene
 Concen: 48.771 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	252511		
61	144.9	0.0	301.2	
98	64.1	0.0	129.0	

Manual Integrations
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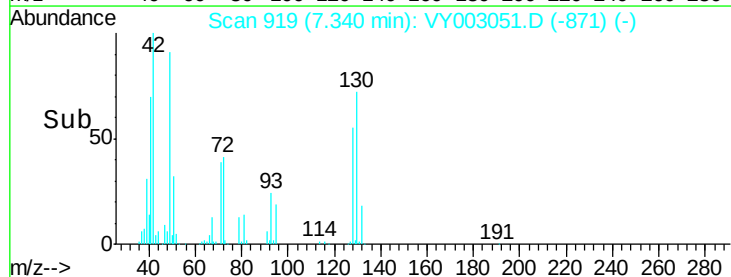
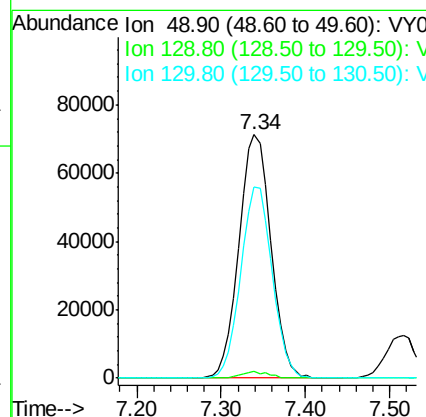
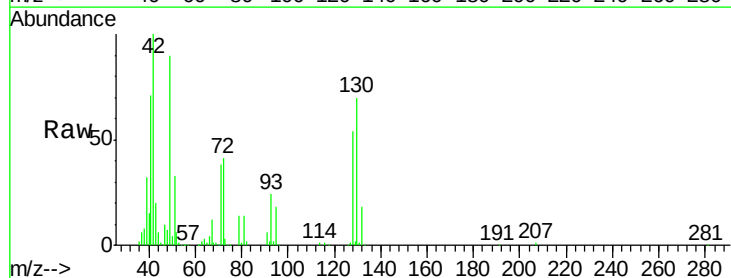
sam
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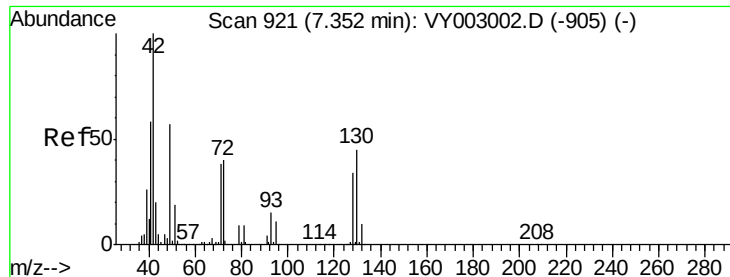


#28

Bromochloromethane
 Concen: 49.305 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	183007		
129	2.4	0.0	4.4	
130	77.2	57.0	85.6	





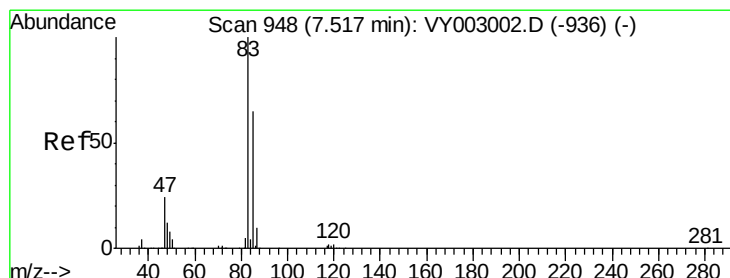
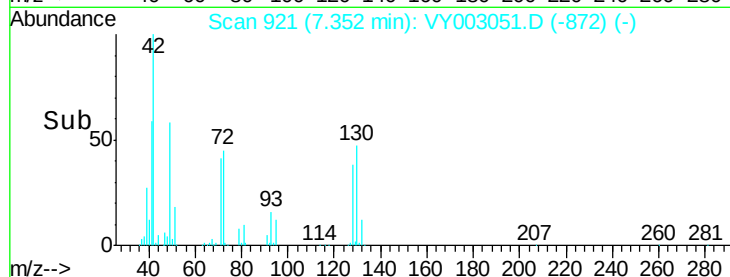
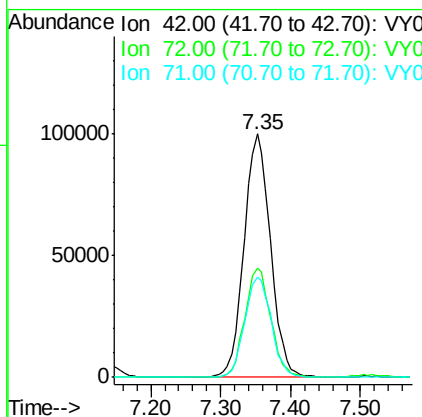
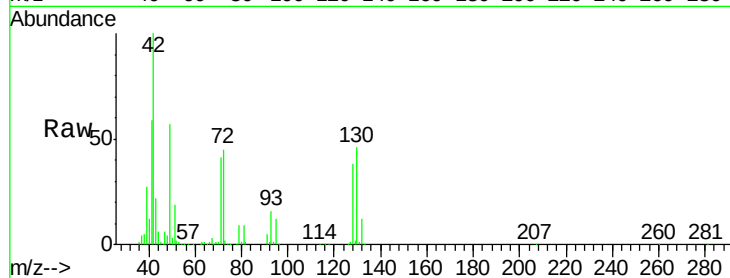
#29
Tetrahydrofuran
Concen: 225.199 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	32.9	49.3
71	41.2	31.2	46.8

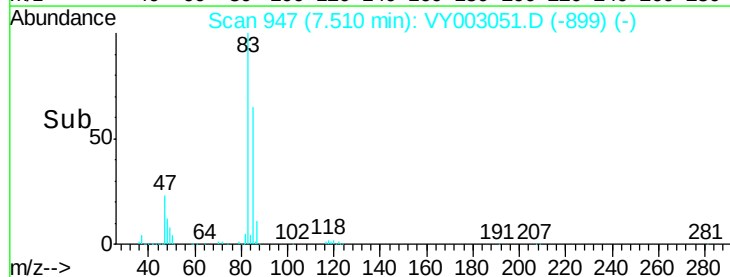
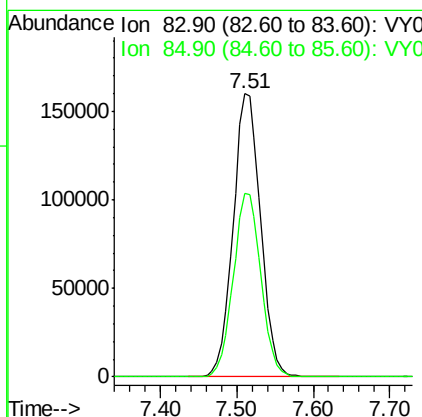
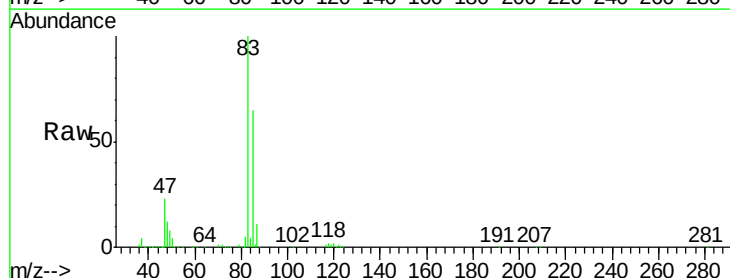
Manual Integrations
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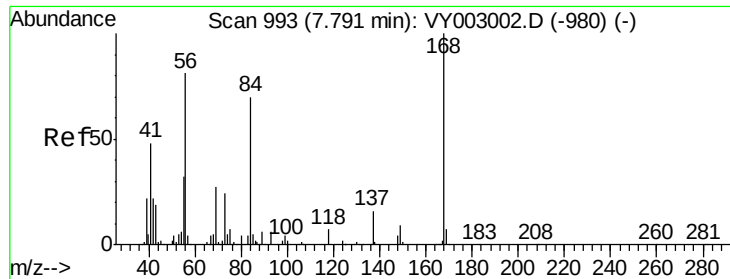
sam
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#30
Chloroform
Concen: 48.023 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.7	77.5





#31

Cyclohexane

Concen: 44.539 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

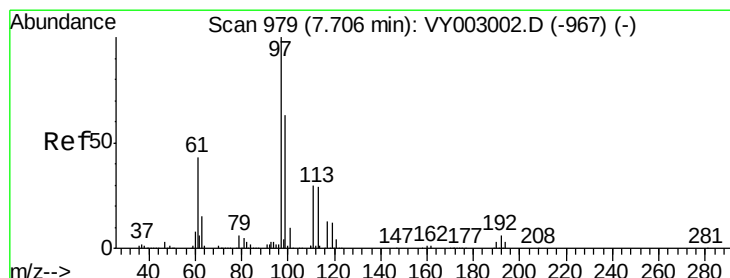
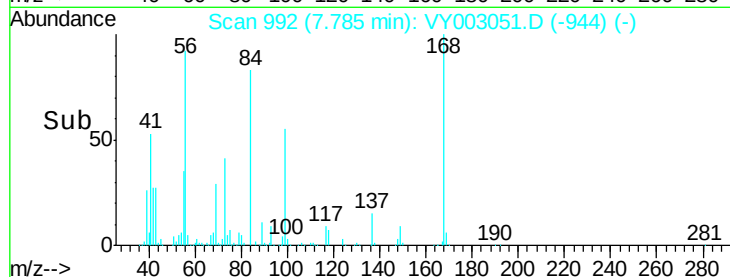
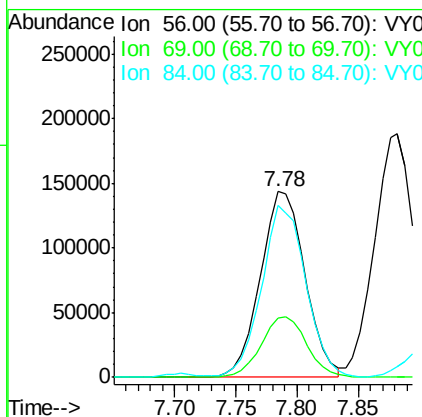
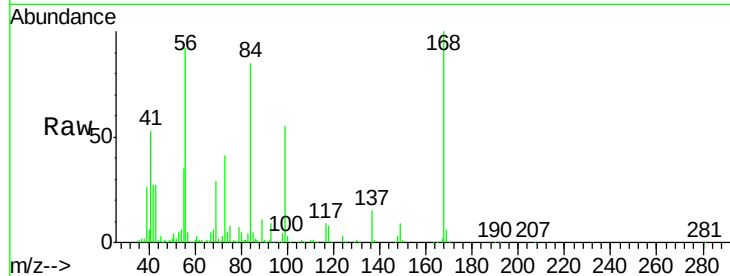
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	366028
Ion	Ratio	Lower	Upper
56	100		
69	31.7	27.0	40.4
84	91.1	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.423 ug/l

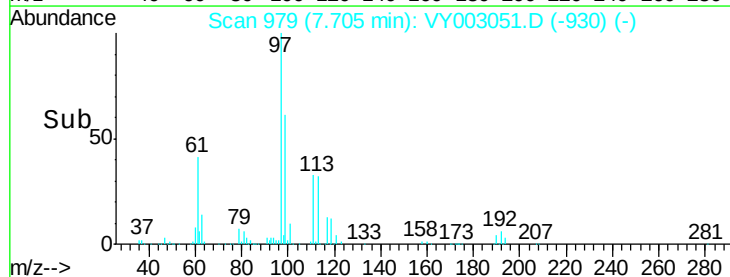
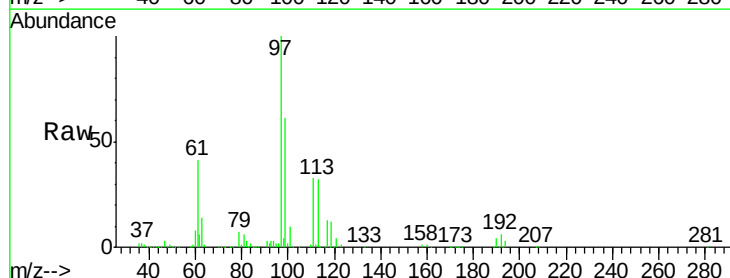
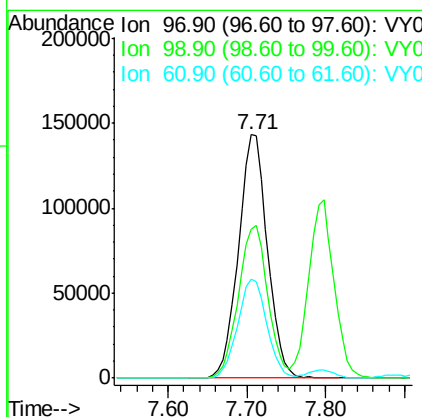
RT: 7.71 min Scan# 979

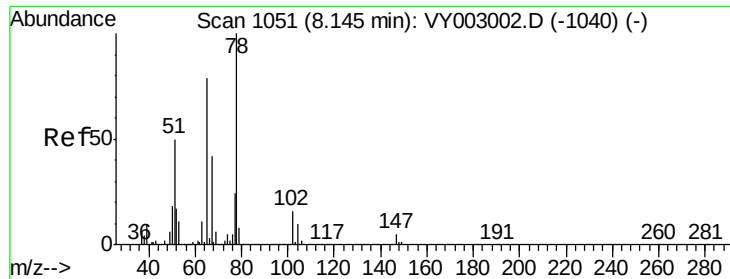
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	97	Resp:	365286
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.2
61	41.0	33.9	50.9





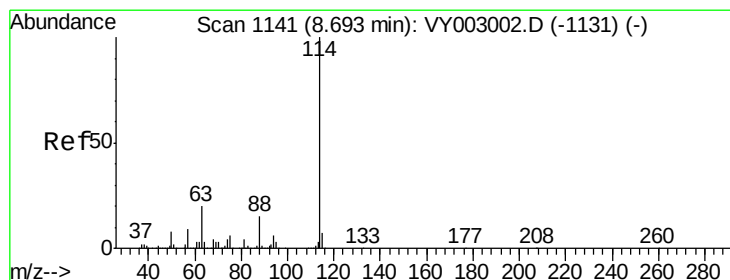
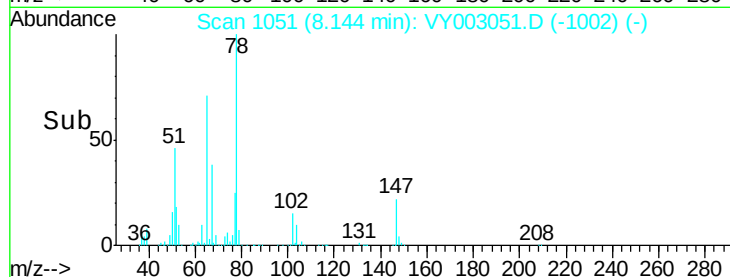
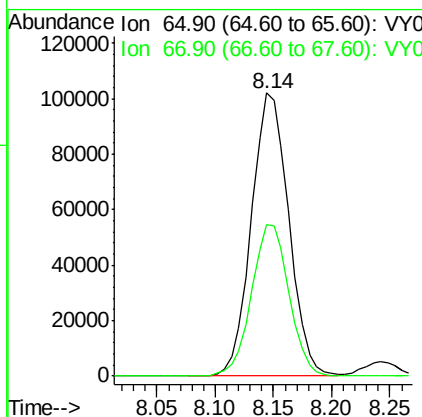
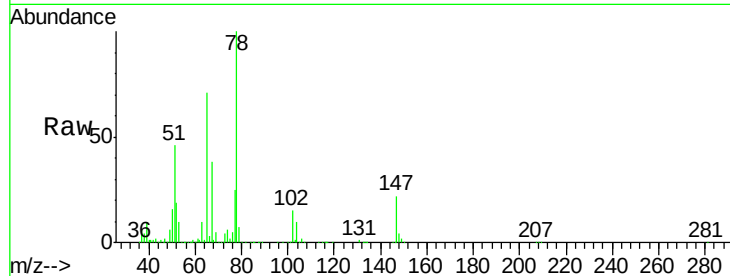
#33
 1,2-Dichloroethane-d4
 Concen: 48.967 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.6

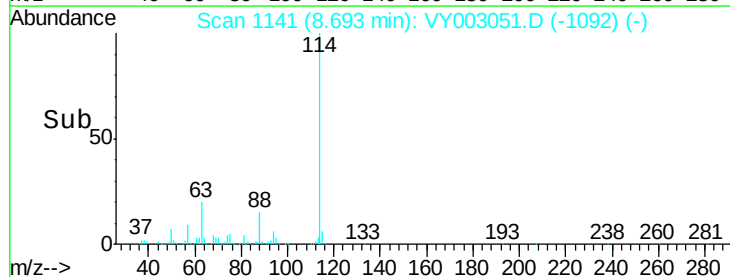
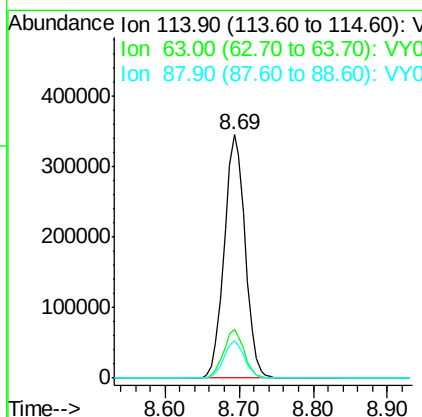
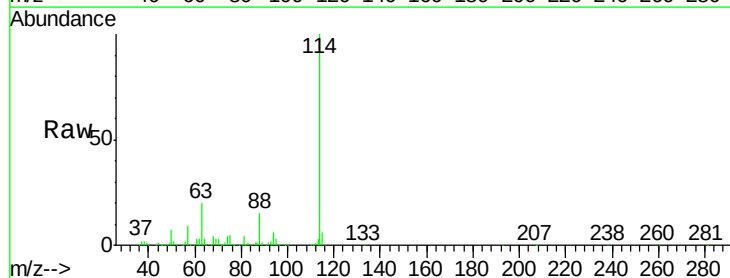
Manual Integrations
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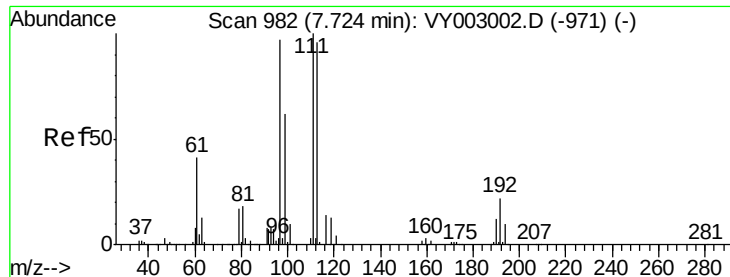
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.2	0.0	30.0





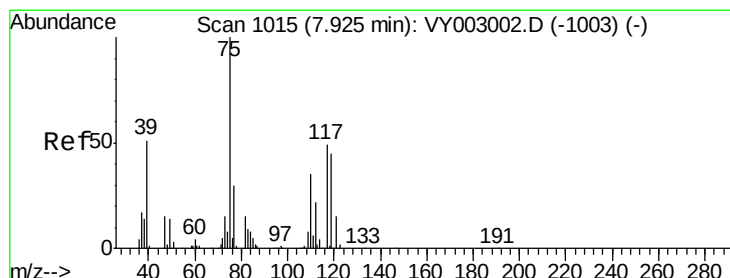
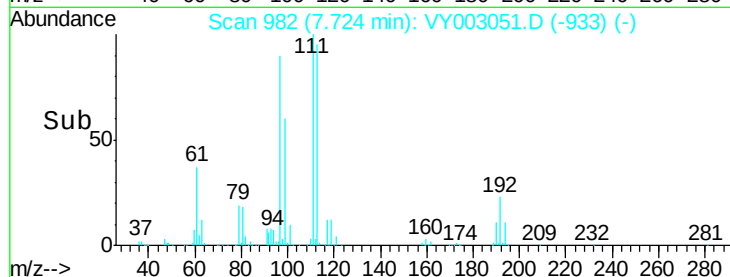
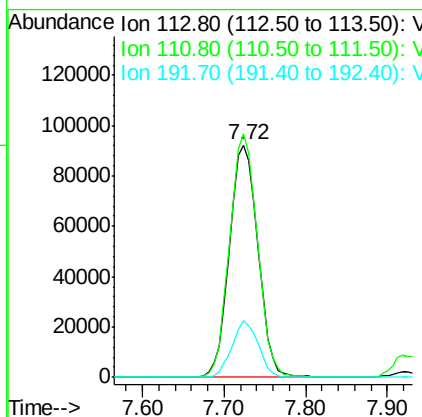
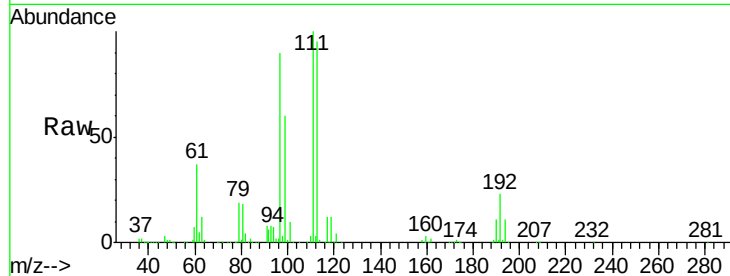
#35
 Dibromofluoromethane
 Concen: 52.682 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	221692		
111	102.6	82.6	123.8	
192	22.7	18.1	27.1	

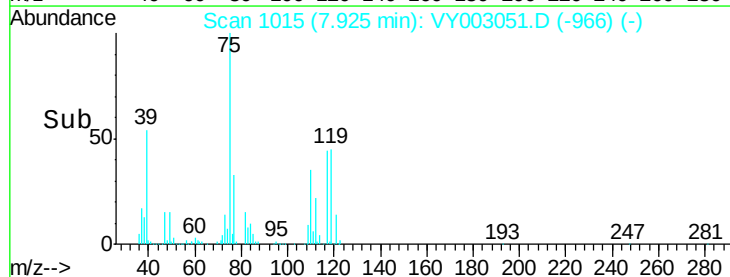
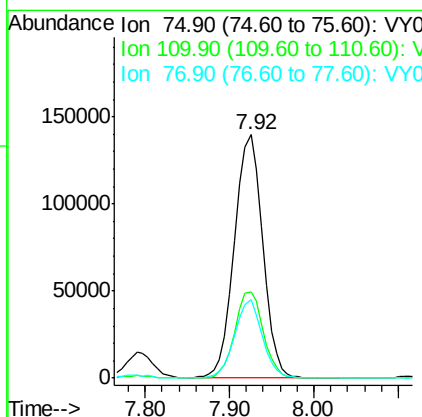
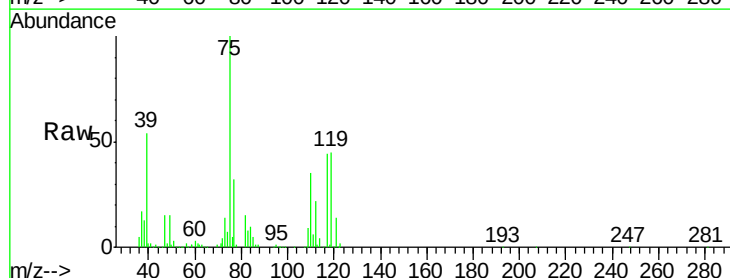
Manual Integrations
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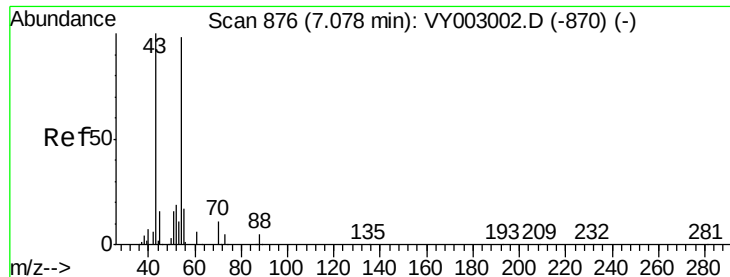
sam
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#36
 1,1-Dichloropropene
 Concen: 48.832 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	317297		
110	35.4	17.1	51.2	
77	31.4	24.9	37.3	





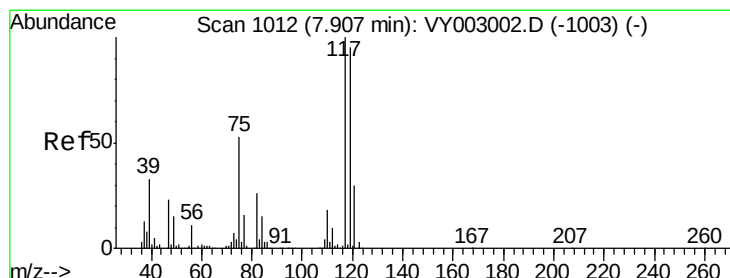
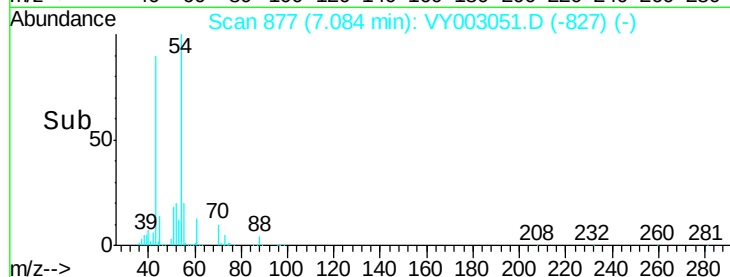
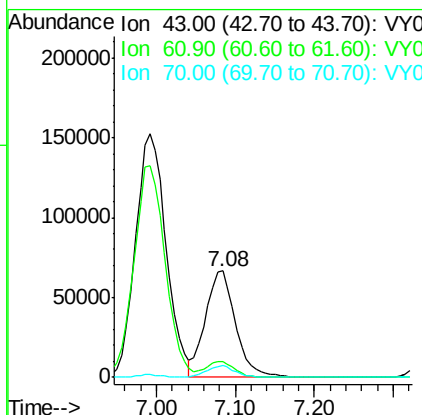
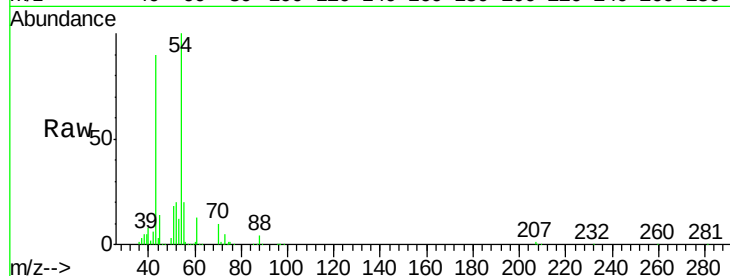
#37
Ethyl Acetate
Concen: 45.405 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.3	7.7	11.5

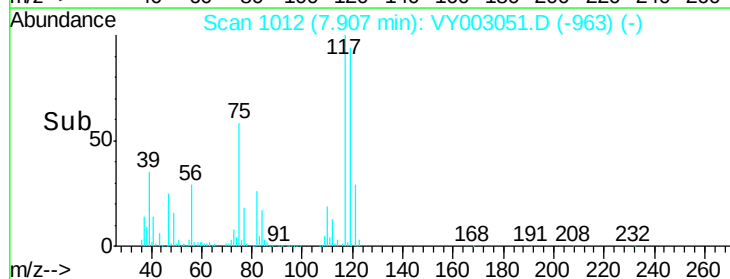
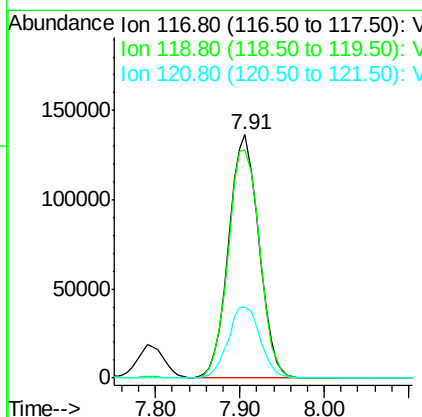
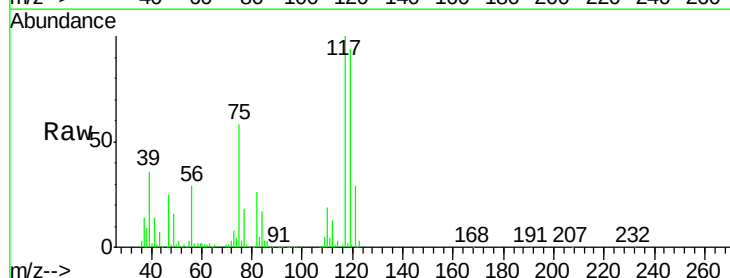
Manual Integrations
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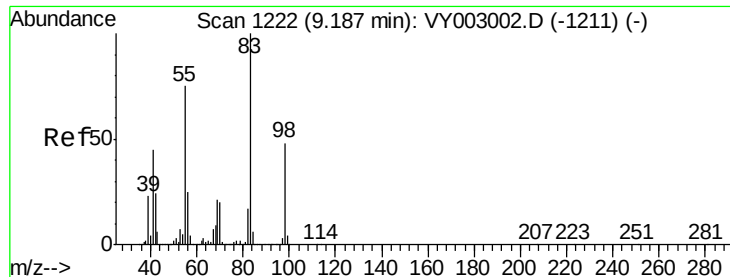
sam
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#38
Carbon Tetrachloride
Concen: 49.022 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.7	113.5
121	29.3	23.9	35.9





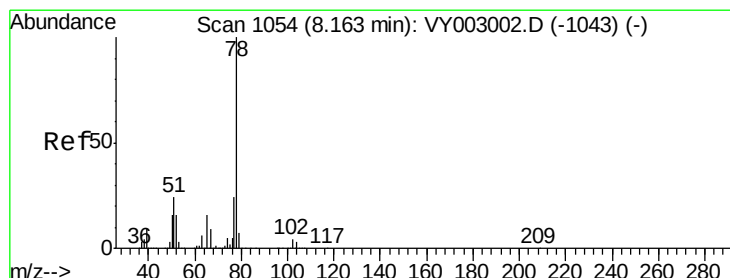
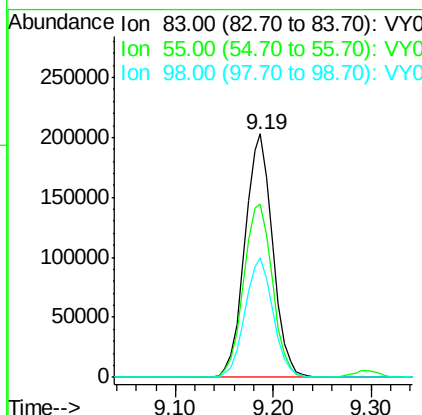
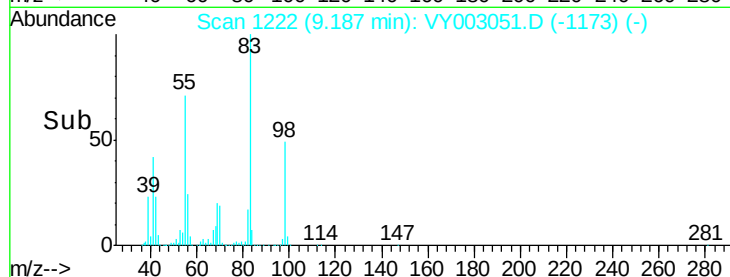
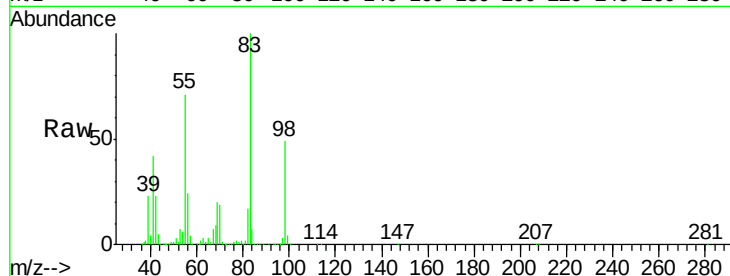
#39
Methylvlcyclohexane
Concen: 49.503 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	59.9	89.9
98	48.8	38.7	58.1

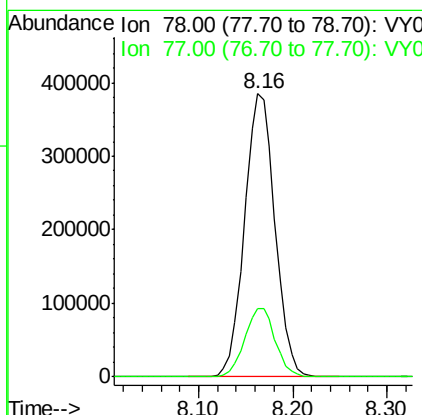
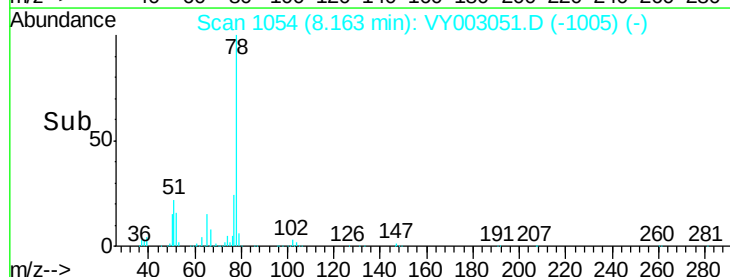
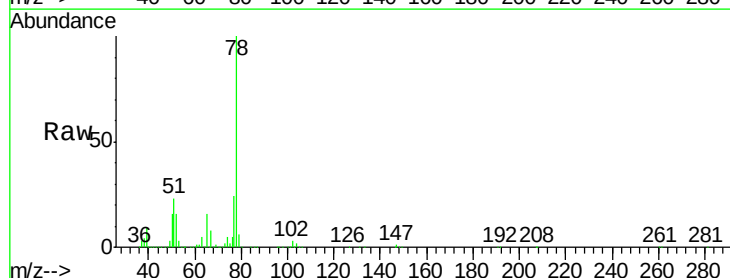
Manual Integrations
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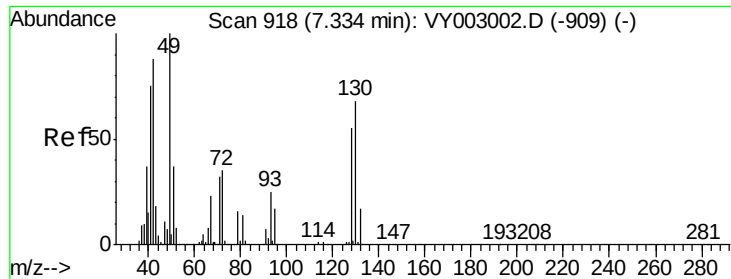
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#40
Benzene
Concen: 48.937 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





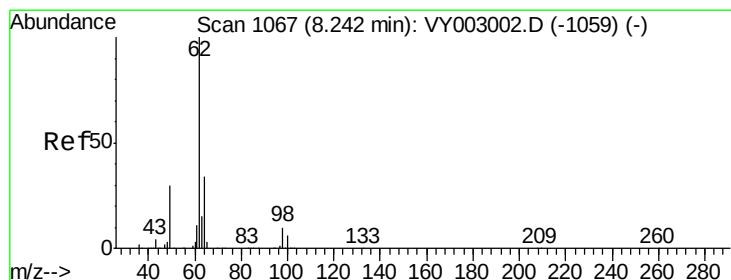
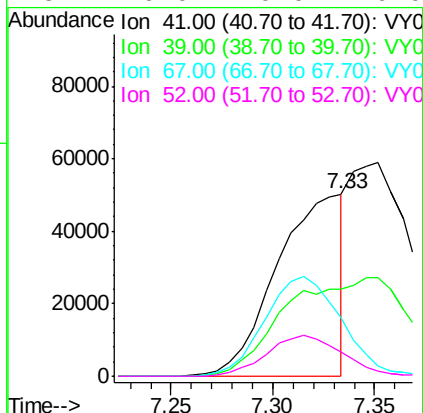
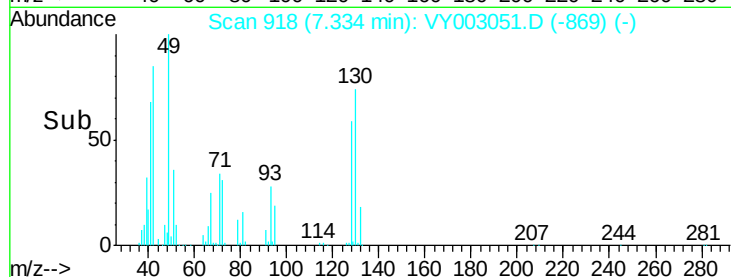
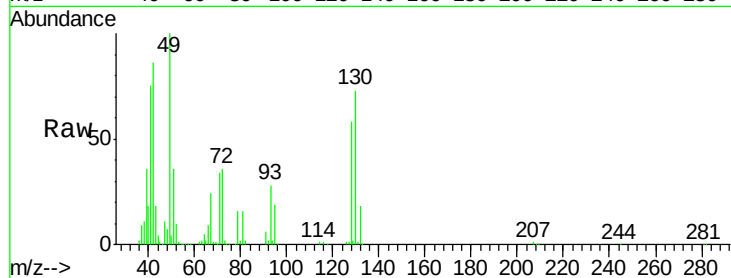
#41
Methacrylonitrile
Concen: 54.892 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	114557
Ion	Ratio	Lower	Upper
41	100		
39	101.1	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

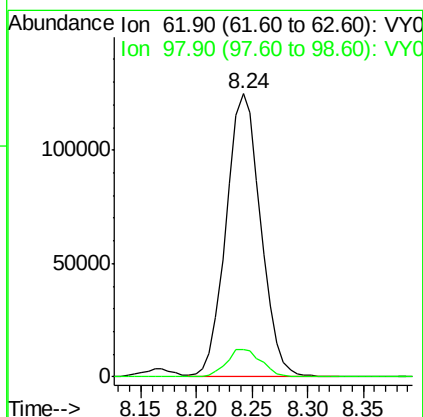
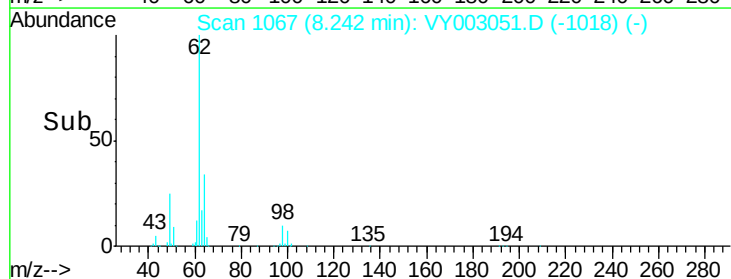
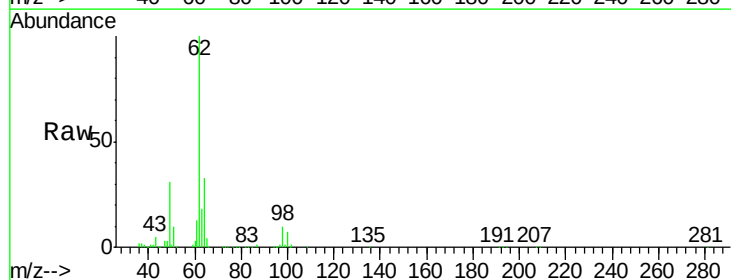
Manual Integrations
APPROVED

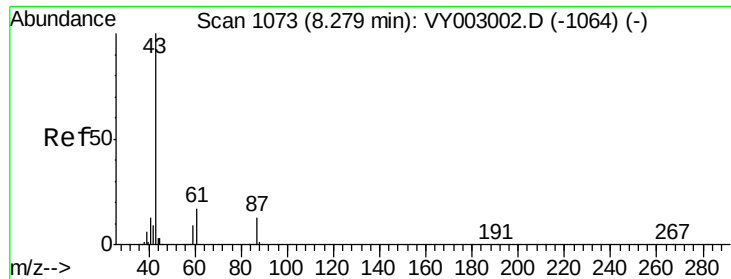
sam
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#42
1,2-Dichloroethane
Concen: 47.778 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	62	Resp	268879
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





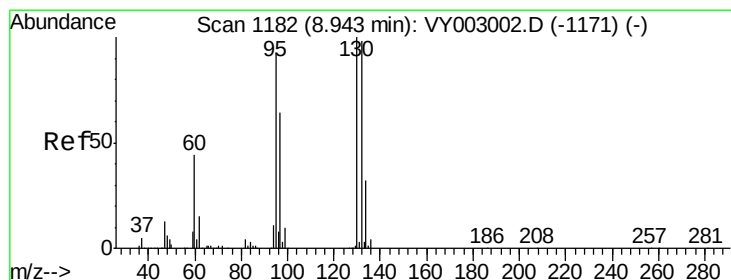
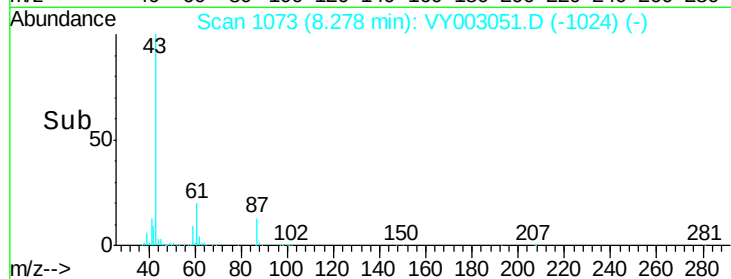
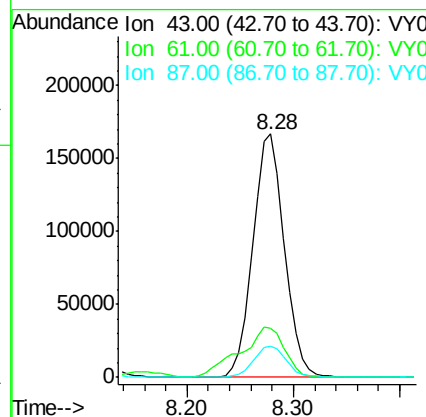
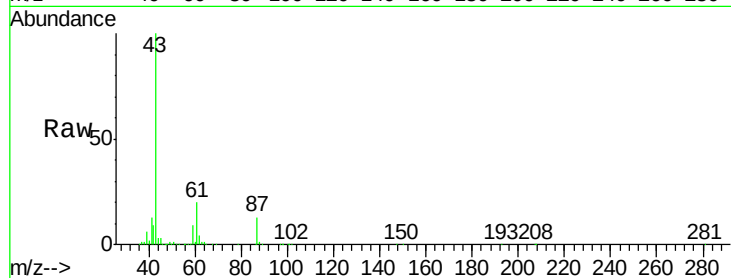
#43
Isopropyl Acetate
Concen: 46.602 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	21.8	32.6
87	13.5	10.1	15.1

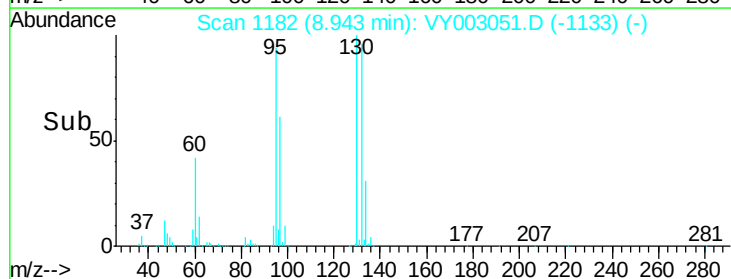
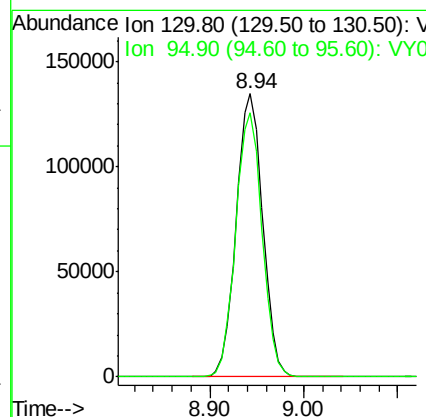
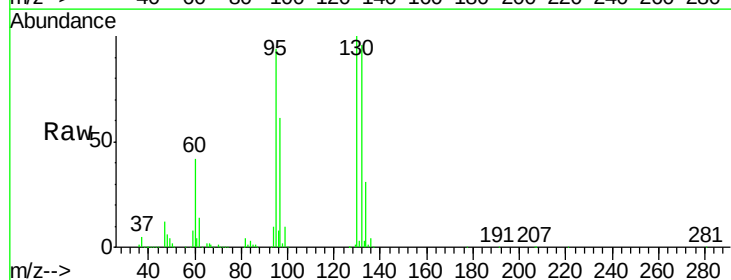
Manual Integrations
APPROVED

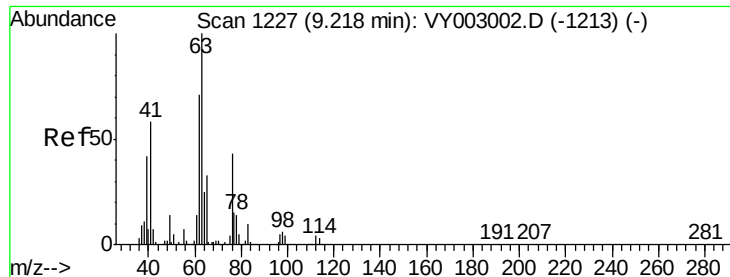
sam
7/2/2020 4:48:41 PM



#44
Trichloroethene
Concen: 51.008 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	186.4





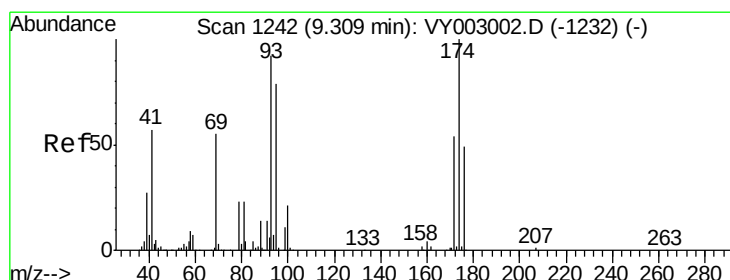
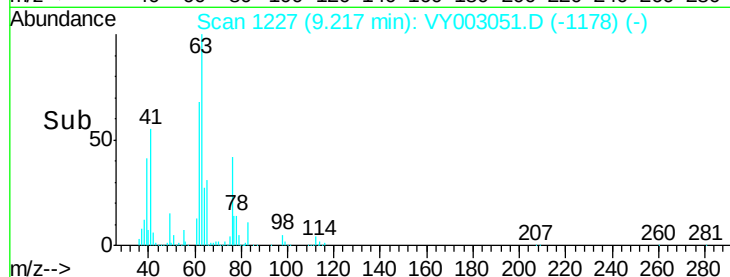
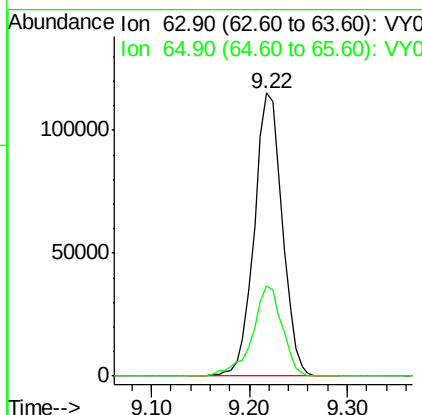
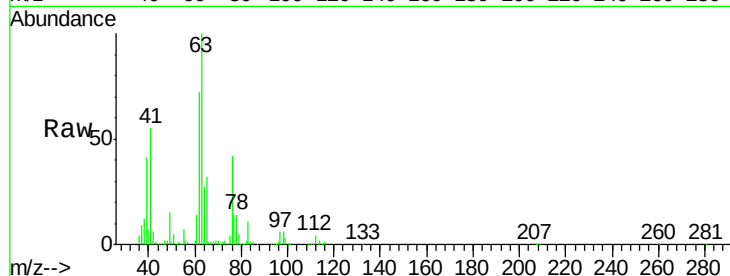
#45
 1,2-Dichloropropane
 Concen: 47.948 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.2	39.4

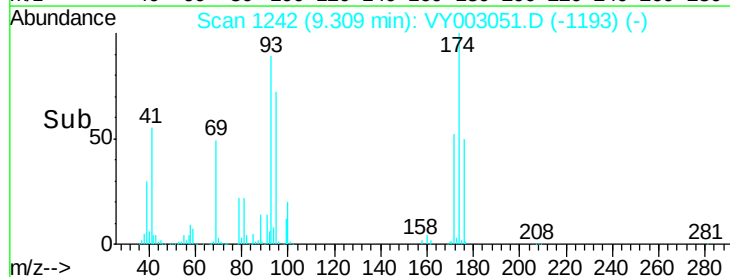
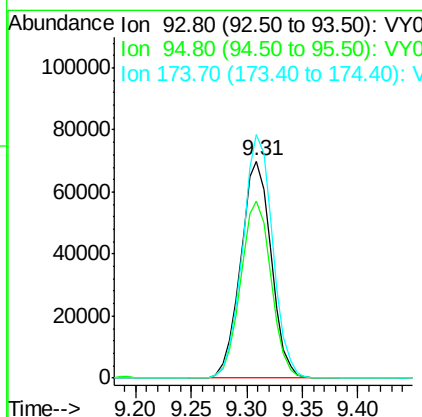
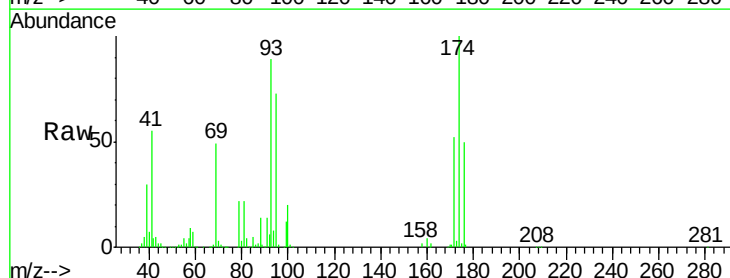
Manual Integrations
 APPROVED

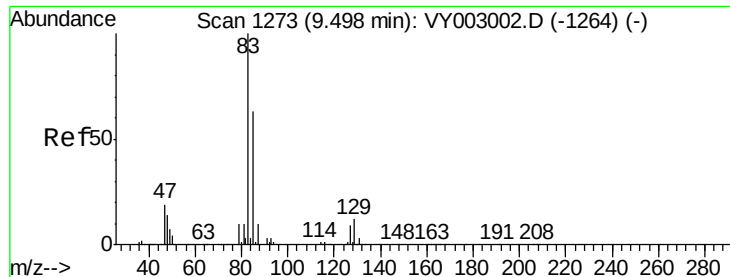
Sam
 7/2/2020 4:48:41 PM



#46
 Dibromomethane
 Concen: 49.702 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.6	101.4
174	111.0	88.3	132.5





#47

Bromodichloromethane

Concen: 49.328 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

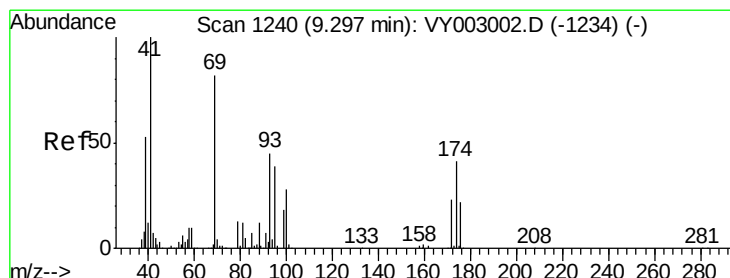
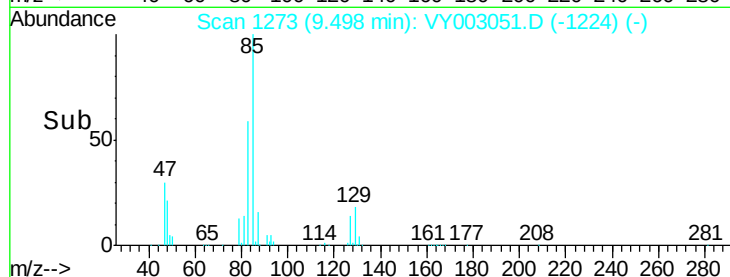
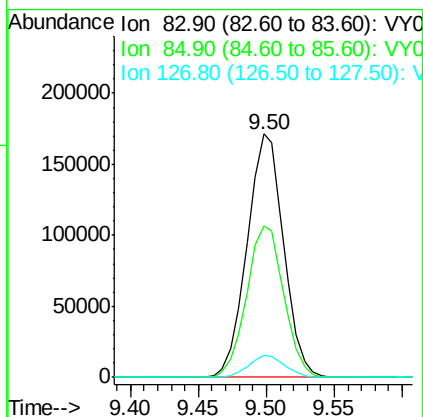
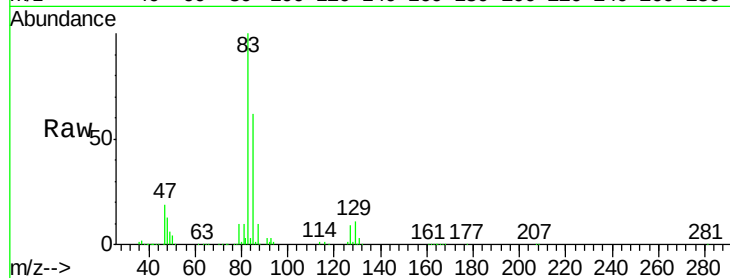
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	322863
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.5	75.7
127	8.9	7.0	10.4

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 45.993 ug/l

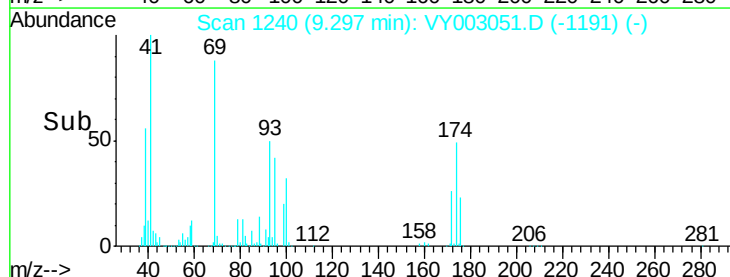
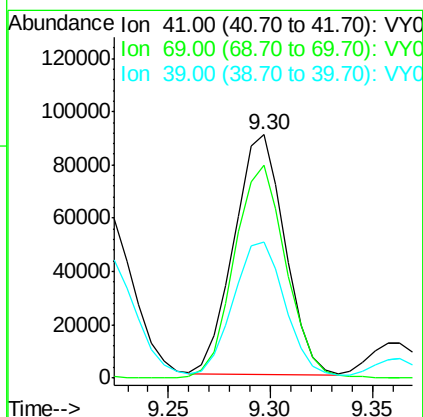
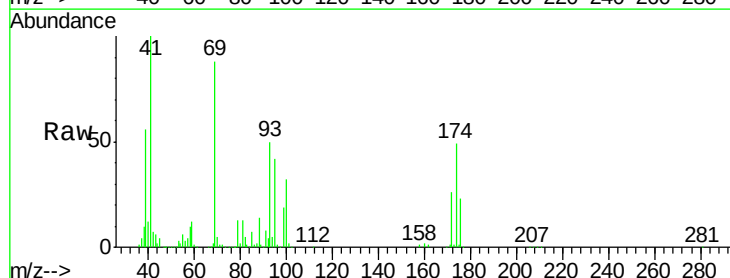
RT: 9.30 min Scan# 1240

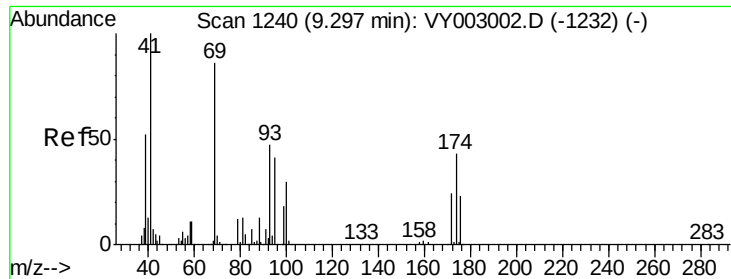
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	41	Resp:	155483
Ion	Ratio	Lower	Upper
41	100		
69	90.6	67.7	101.5
39	59.1	45.0	67.4





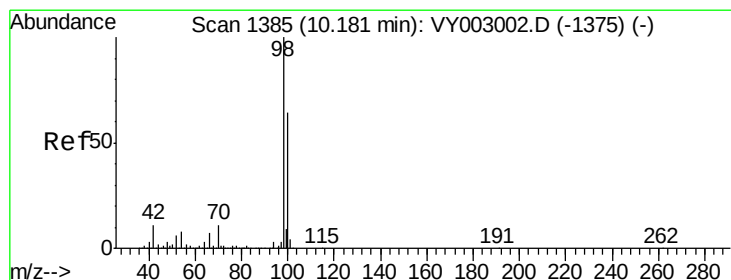
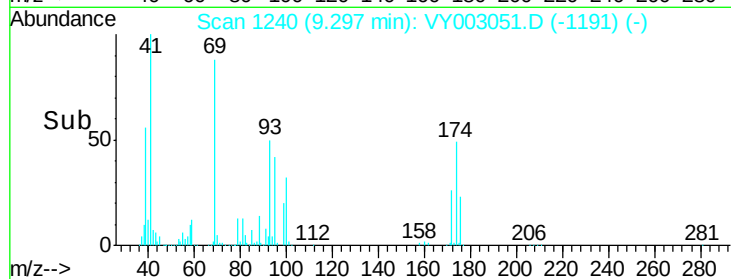
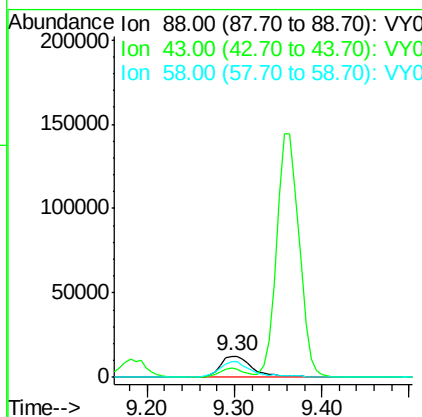
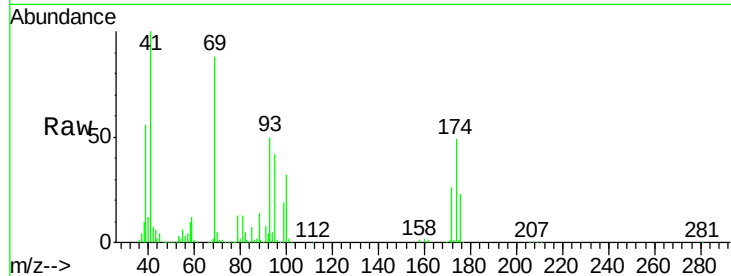
#49
1,4-Dioxane
Concen: 1019.594 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	28.6	42.8
58	72.5	56.7	85.1

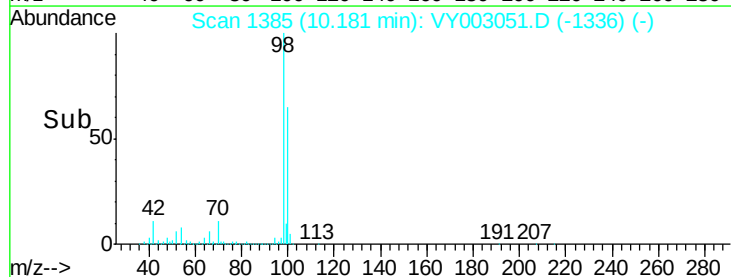
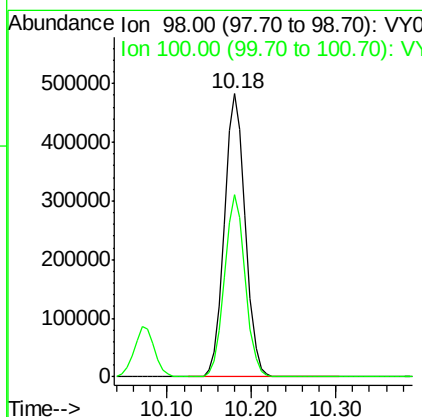
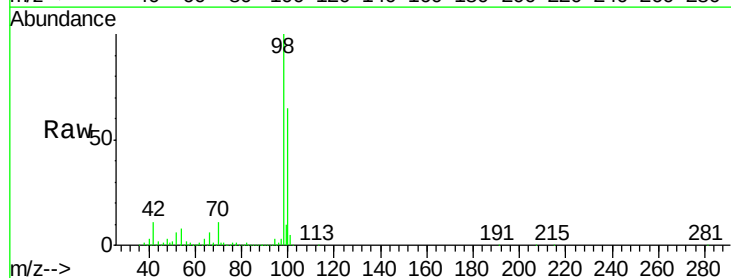
Manual Integrations
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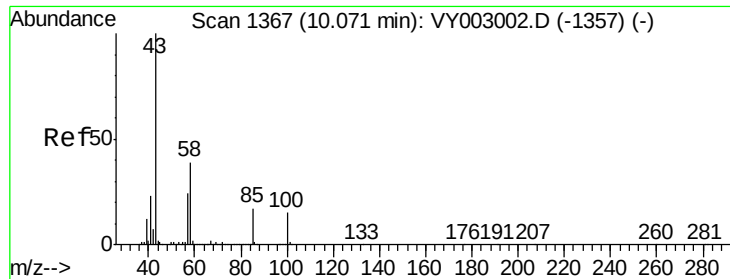
sam
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#50
Toluene-d8
Concen: 52.439 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





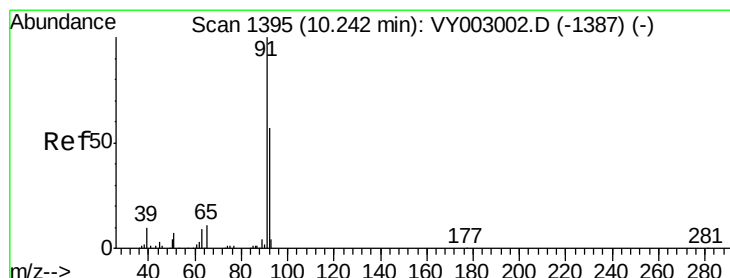
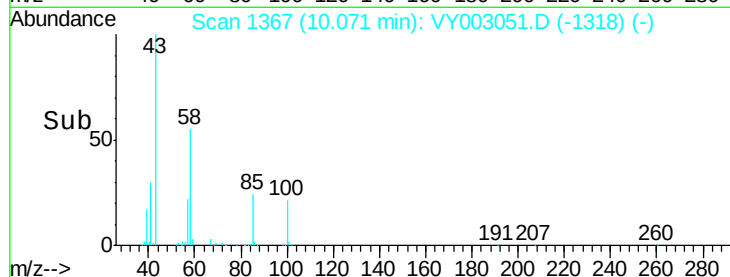
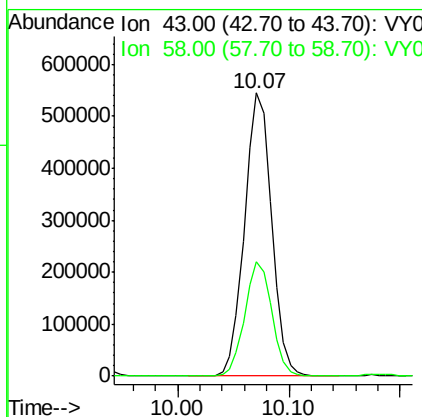
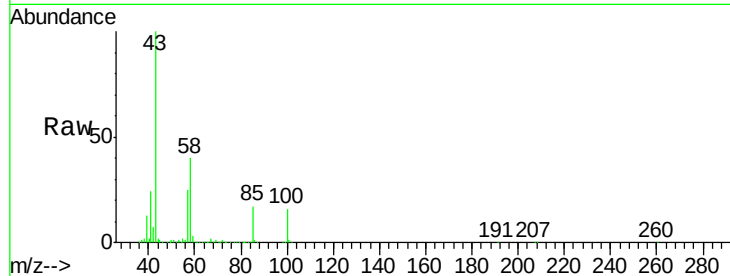
#51
4-Methyl-2-Pentanone
Concen: 240.598 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	923590
Ion Ratio	43	100	
Lower	58	40.3	31.1
Upper			46.7

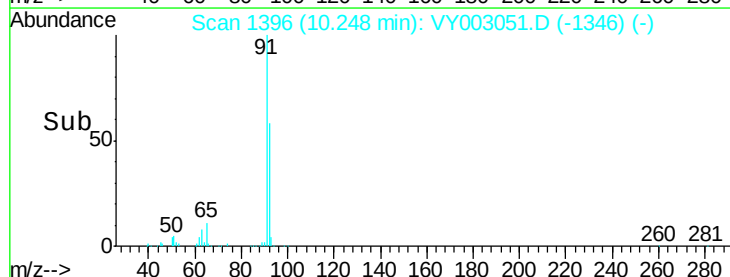
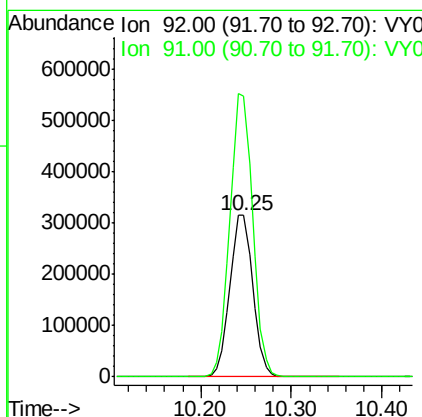
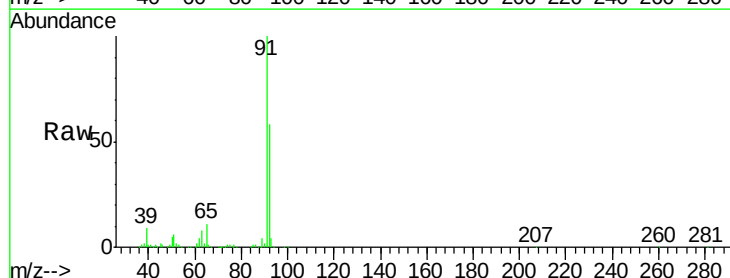
Manual Integrations
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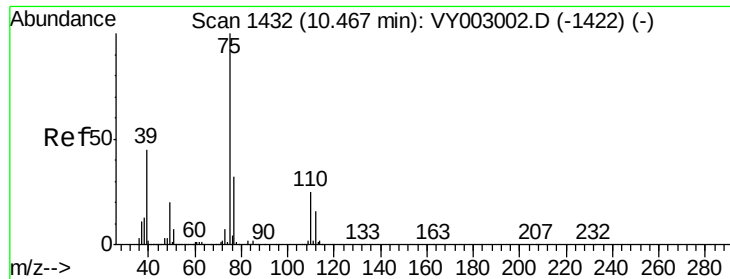
sam
7/2/2020 4:48:41 PM



#52
Toluene
Concen: 49.690 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	92	Resp	556450
Ion Ratio	92	100	
Lower	91	174.2	139.6
Upper			209.4





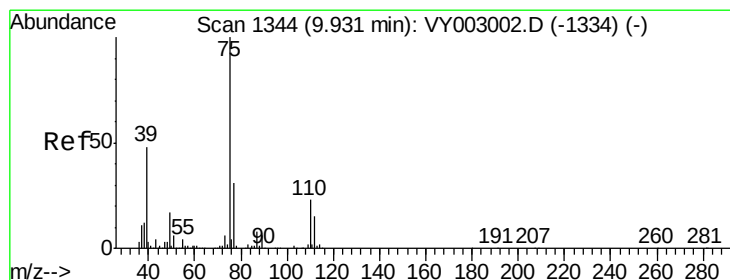
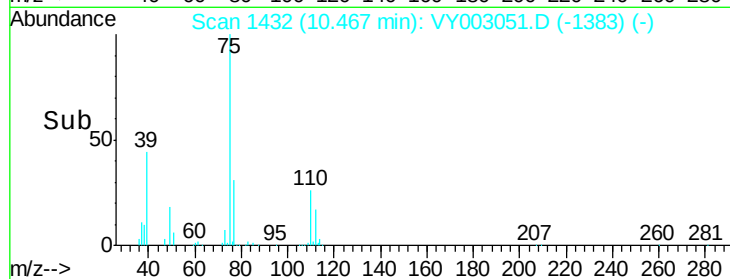
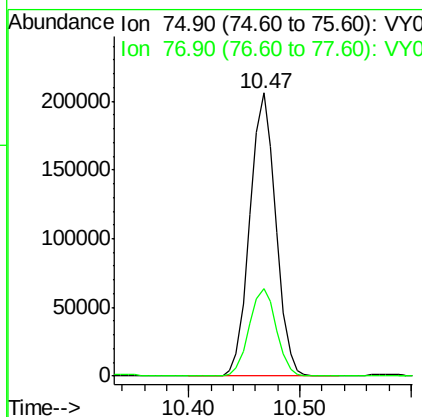
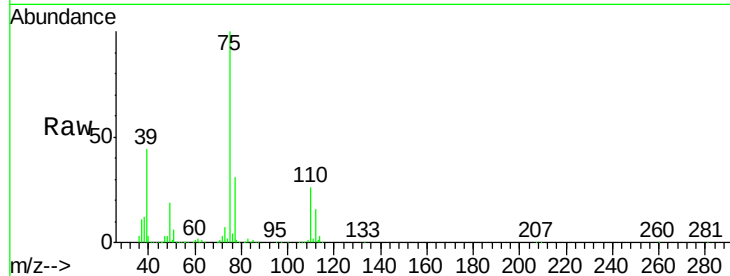
#53
t-1,3-Dichloropropene
Concen: 48.792 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.9	38.9

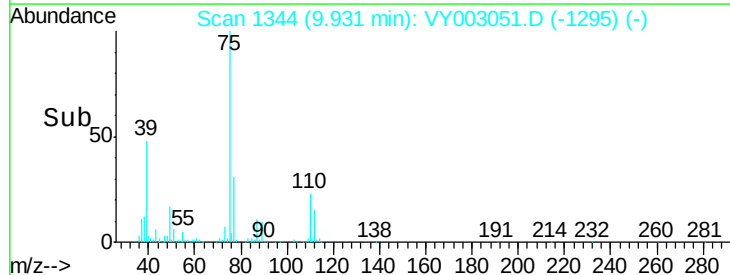
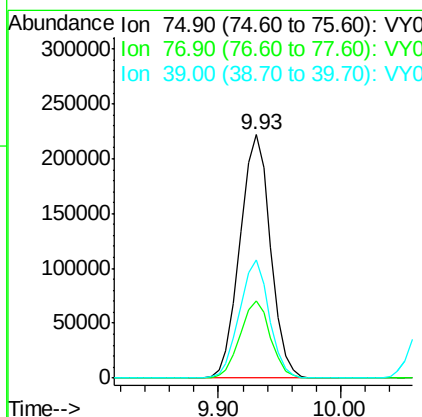
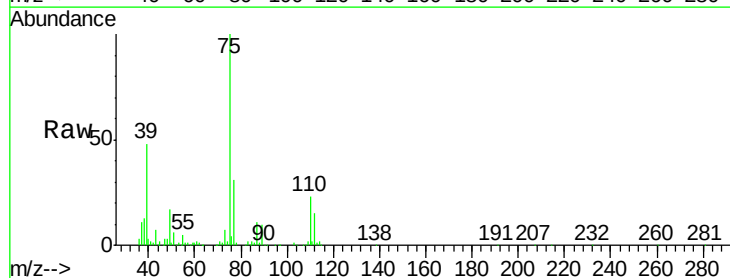
Manual Integrations
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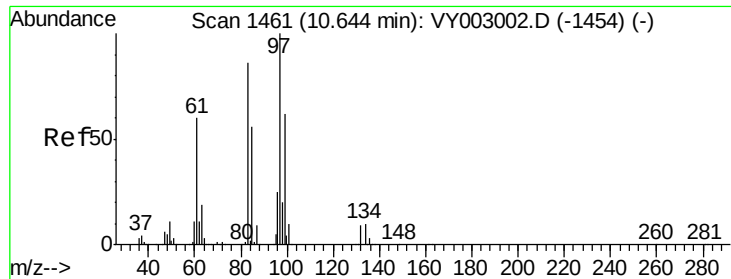
sam
7/2/2020 4:48:41 PM



#54
cis-1,3-Dichloropropene
Concen: 49.001 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	37.0
39	48.4	38.3	57.5





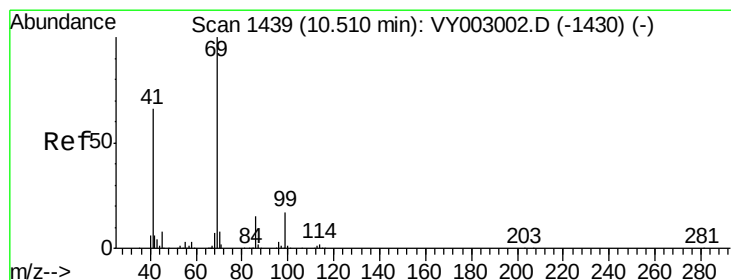
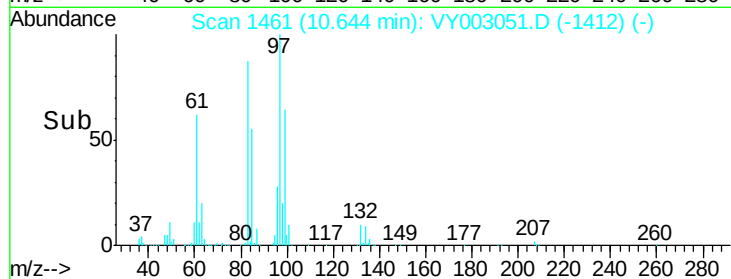
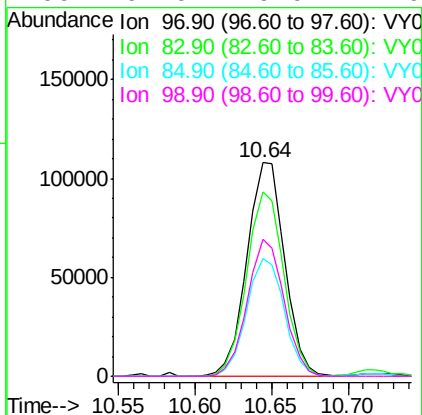
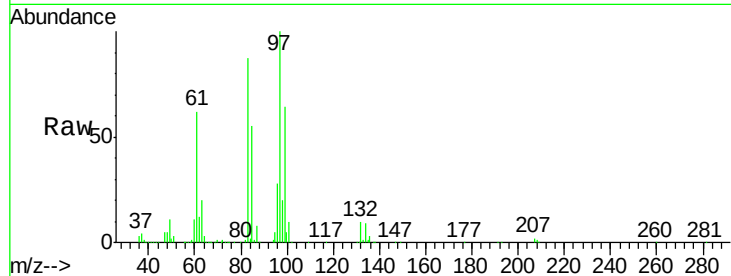
#55
 1,1,2-Trichloroethane
 Concen: 50.055 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	185926
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.0	103.6
85	55.1	44.8	67.2
99	64.0	49.9	74.9

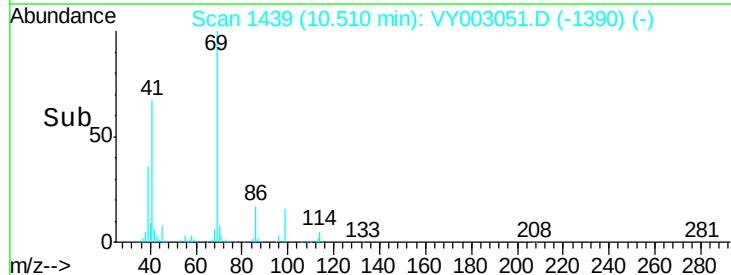
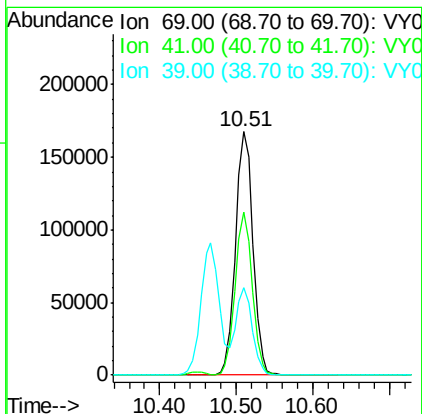
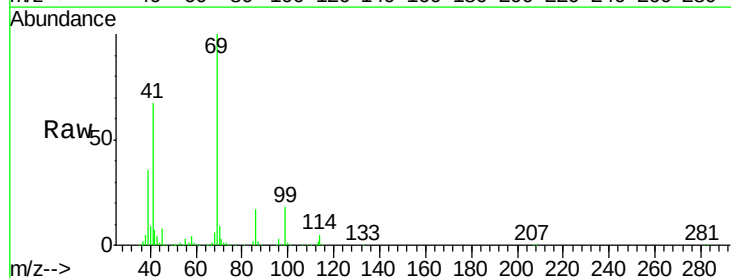
Manual Integrations
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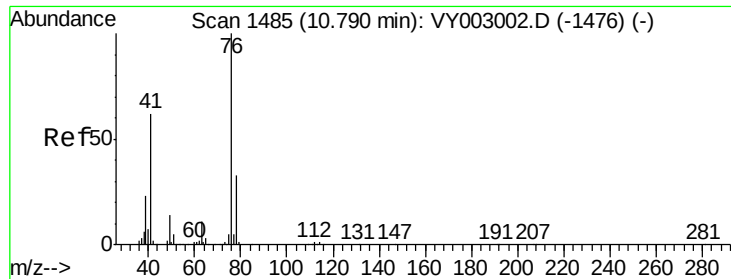
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#56
 Ethyl methacrylate
 Concen: 49.279 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion:	69	Resp:	264965
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.7	80.5
39	33.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.035 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 319746

Ion Ratio Lower Upper

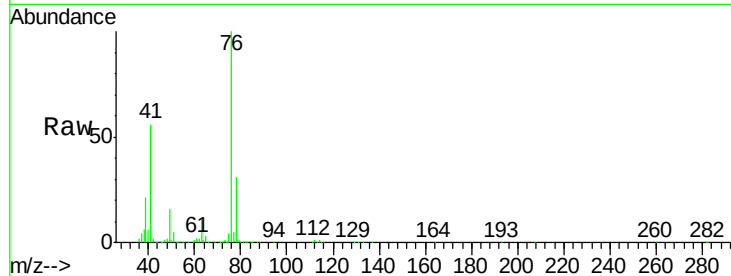
76 100

78 32.3 26.0 39.0

Manual Integrations
APPROVED

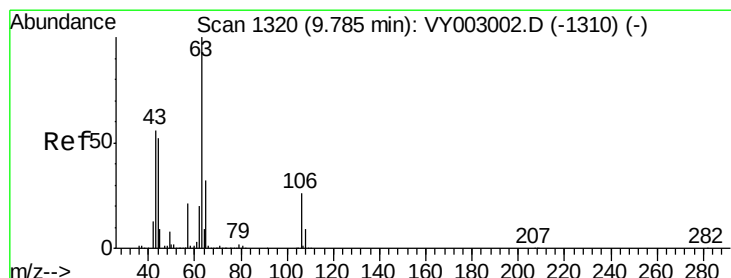
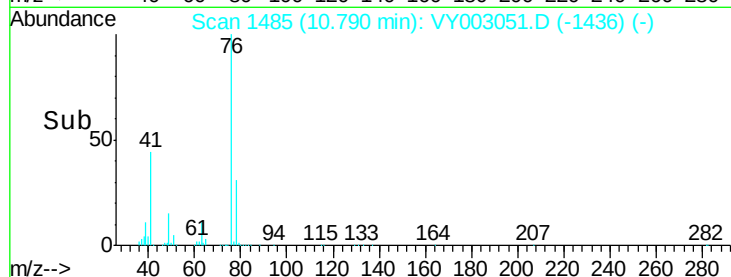
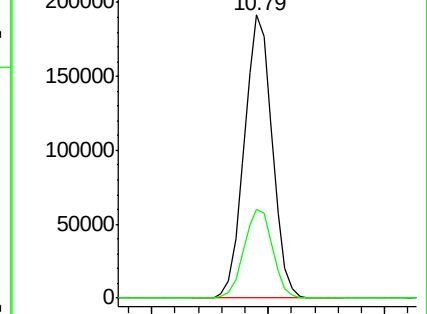
sam

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.330 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003051.D

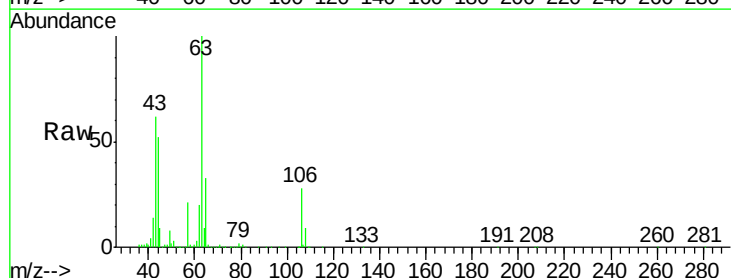
Acq: 01 Jul 2020 10:51

Tgt Ion: 63 Resp: 717891

Ion Ratio Lower Upper

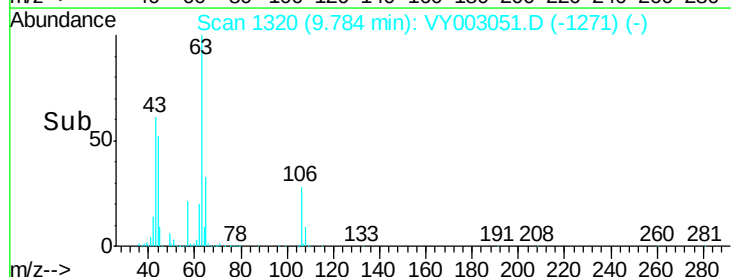
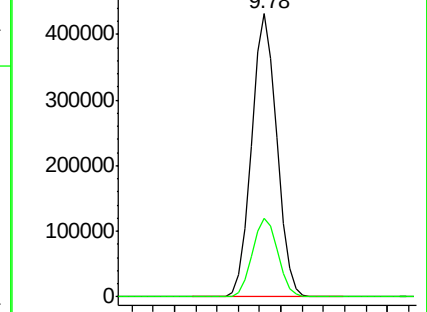
63 100

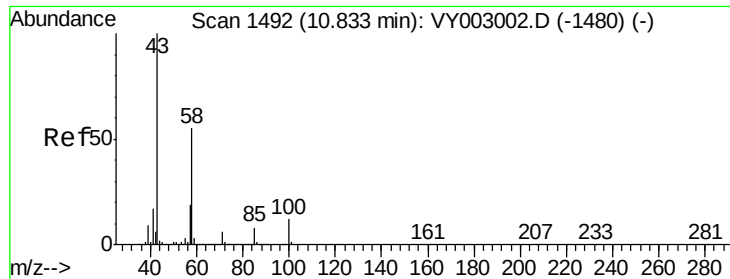
106 28.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





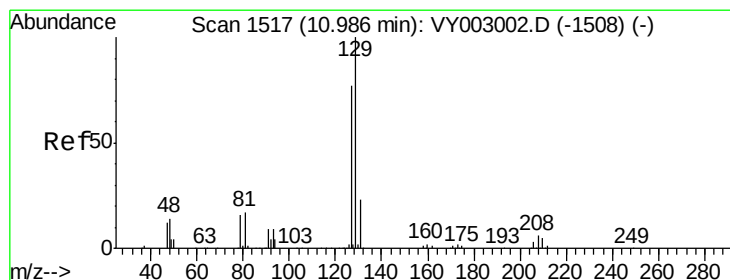
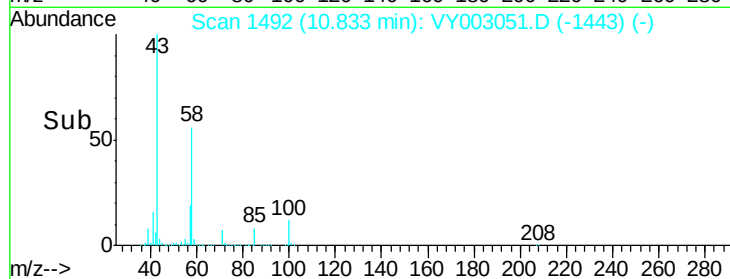
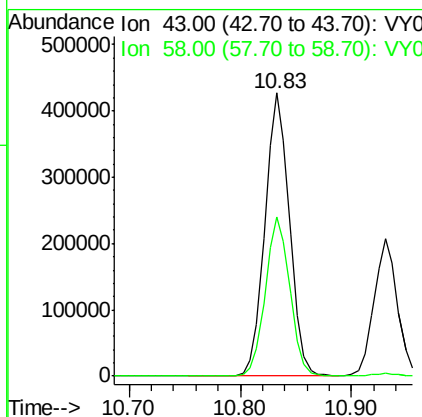
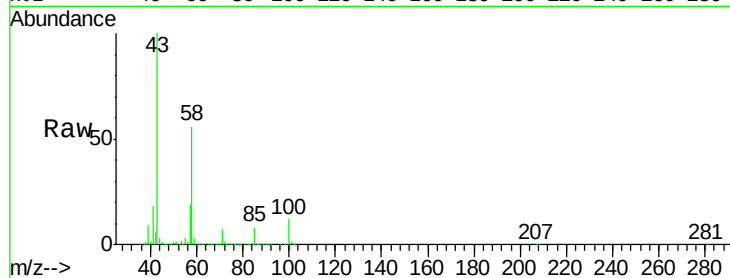
#59
2-Hexanone
Concen: 245.261 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.5	82.4

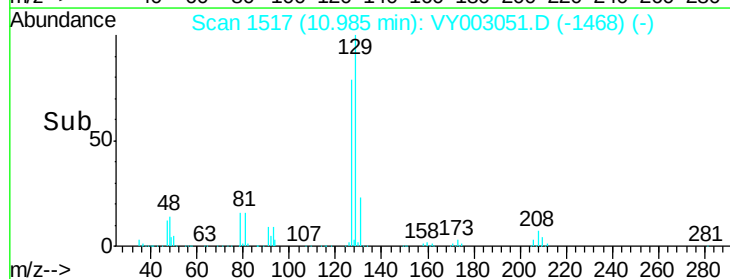
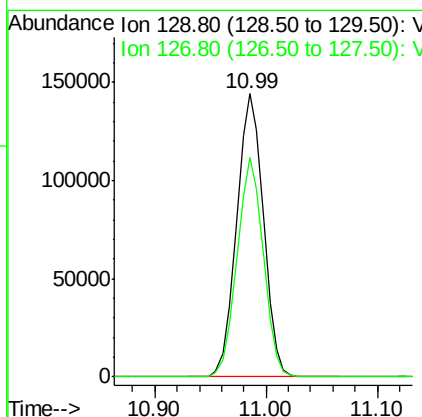
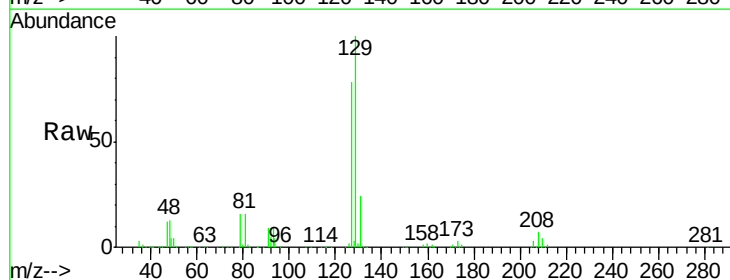
Manual Integrations
APPROVED

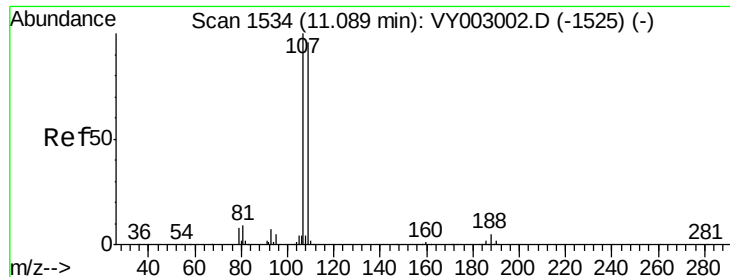
sam
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#60
Dibromochloromethane
Concen: 50.366 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.1	117.3





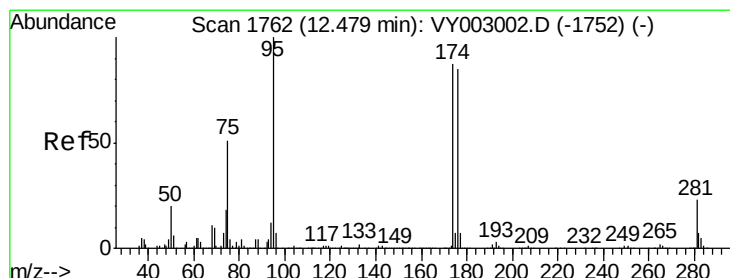
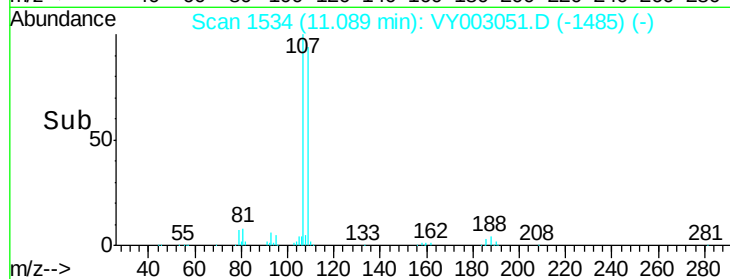
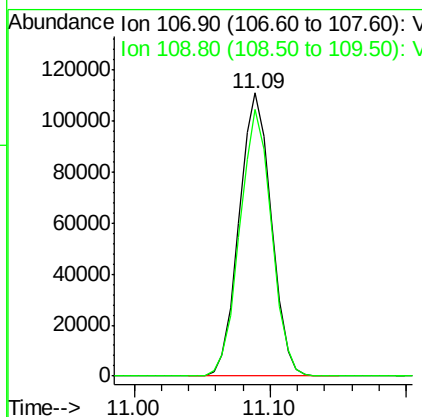
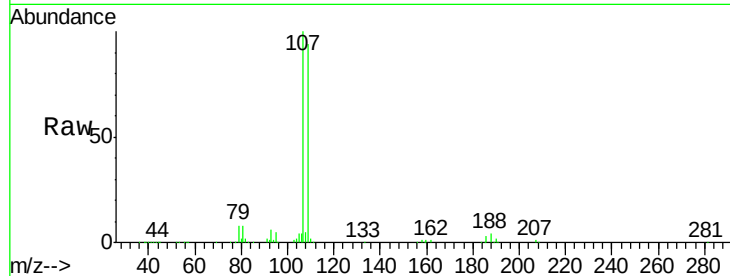
#61
 1,2-Dibromoethane
 Concen: 50.106 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.8	113.8

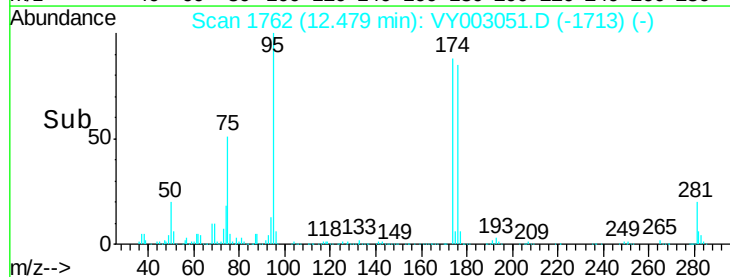
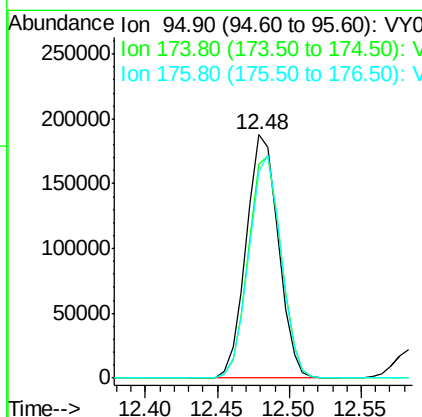
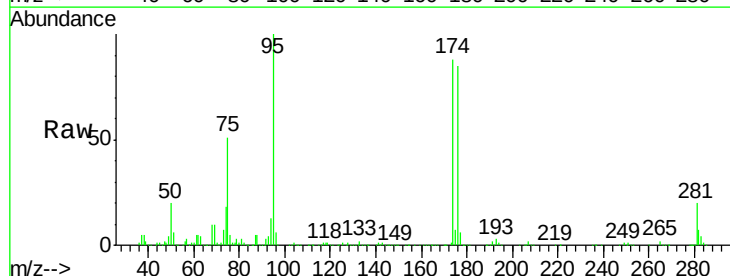
Manual Integrations
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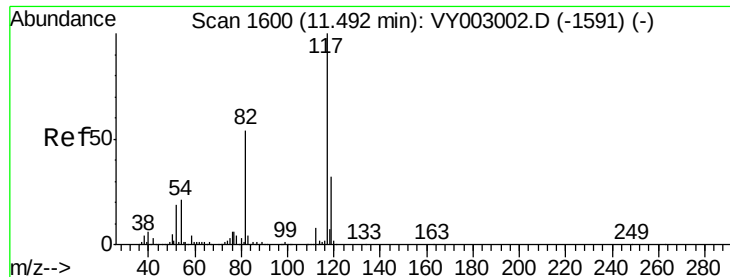
sam
 7/2/2020 4:48:41 PM



#62
 4-Bromofluorobenzene
 Concen: 52.369 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	184.8
176	91.2	0.0	183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

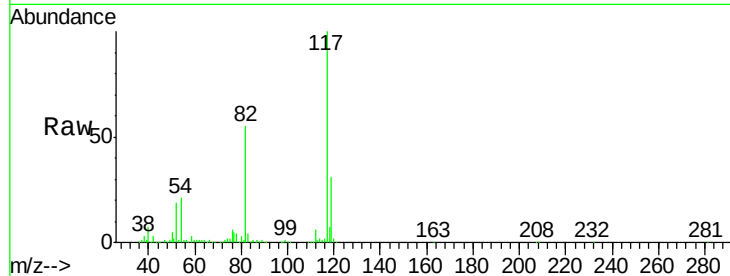
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	613586
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.0	64.6
119	31.2	25.8	38.8

Manual Integrations
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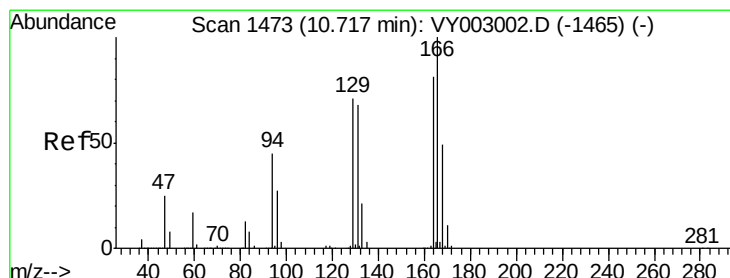
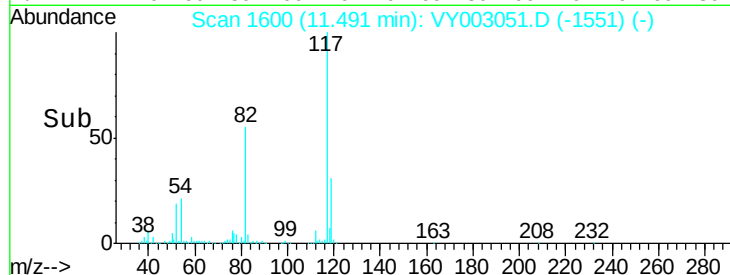
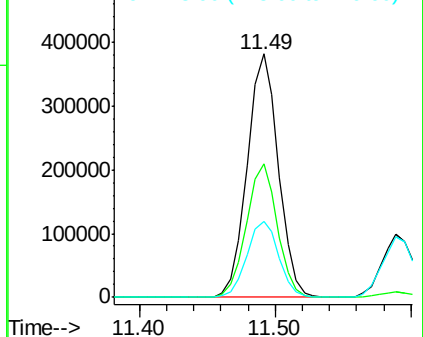


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.568 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	164	Resp:	257411
Ion Ratio	Lower	Upper	
164	100		
166	127.8	98.5	147.7
129	90.2	69.7	104.5
131	86.0	67.2	100.8

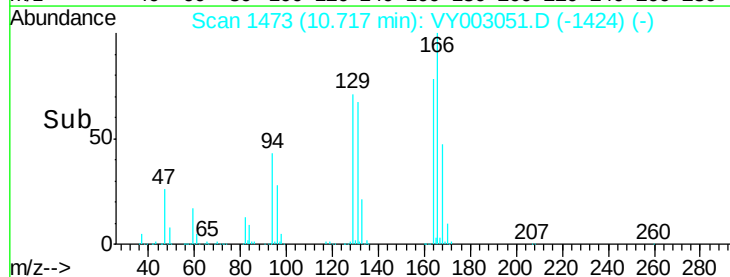
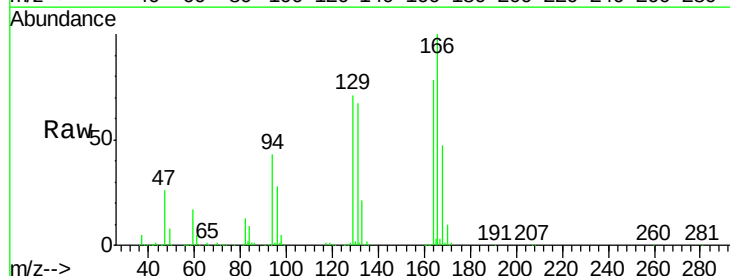
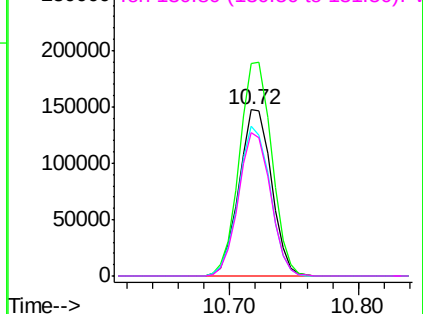
Abundance

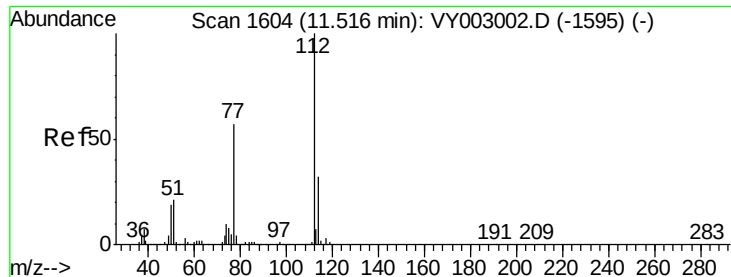
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





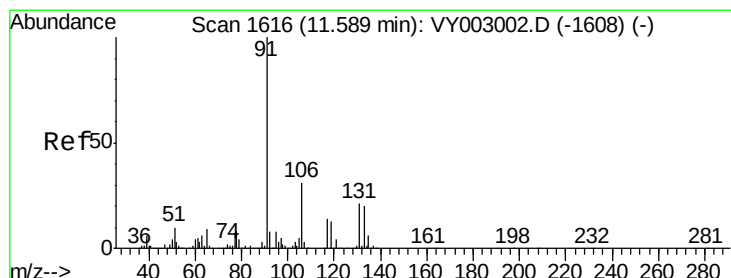
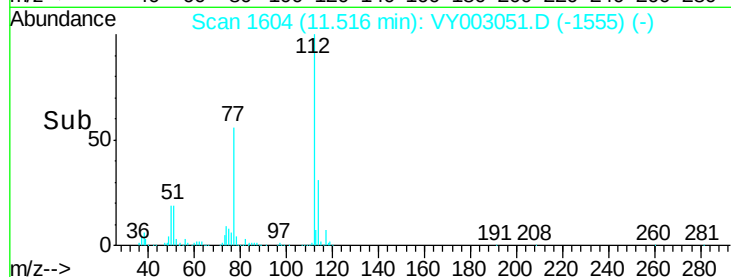
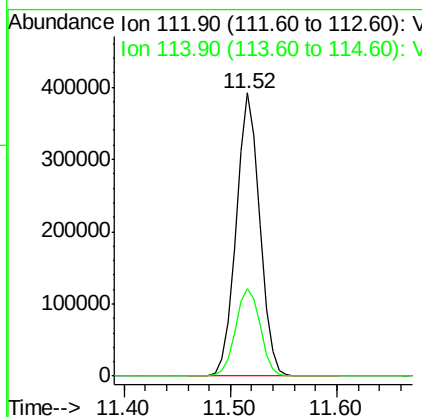
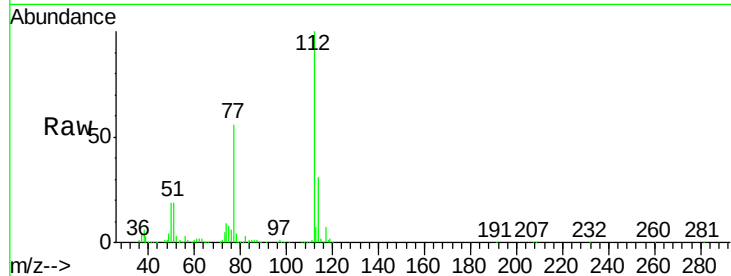
#65
Chlorobenzene
Concen: 50.370 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 609418
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

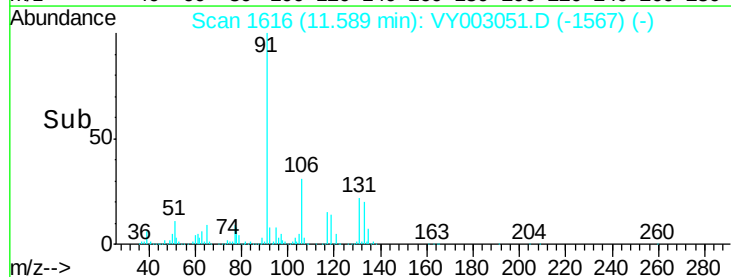
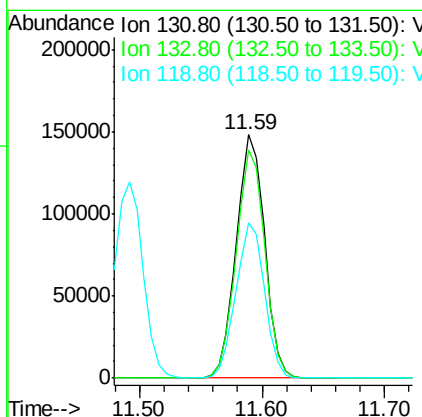
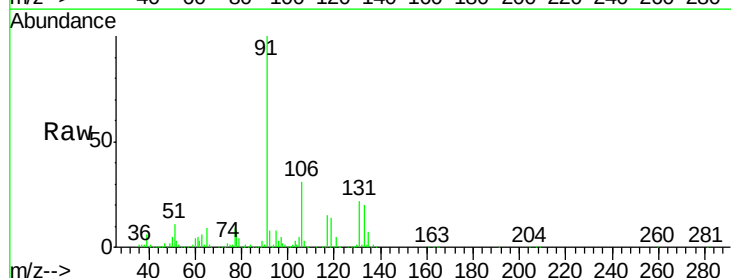
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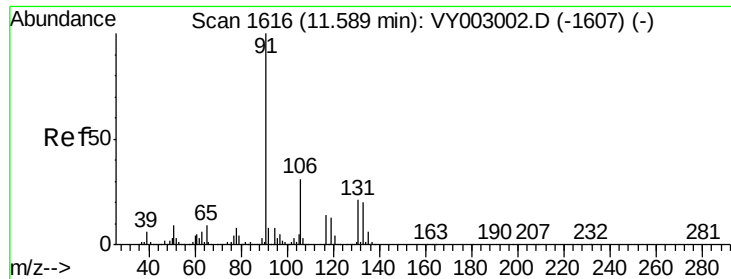
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.414 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion:131 Resp: 238137
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.8
119 64.3 31.8 95.3





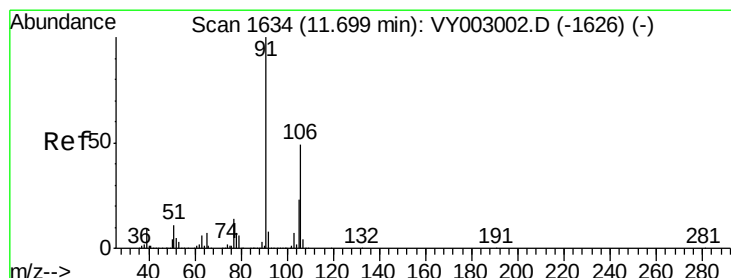
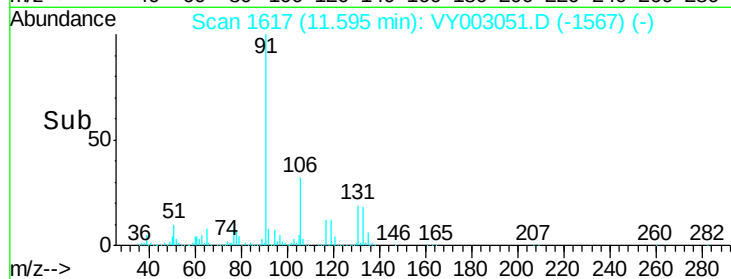
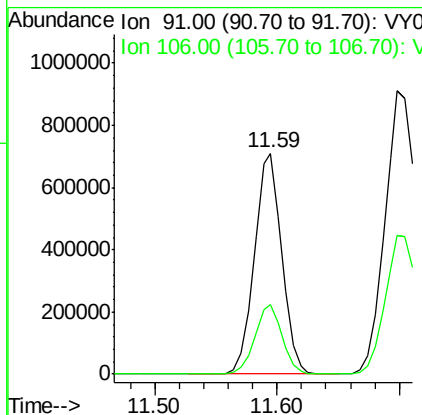
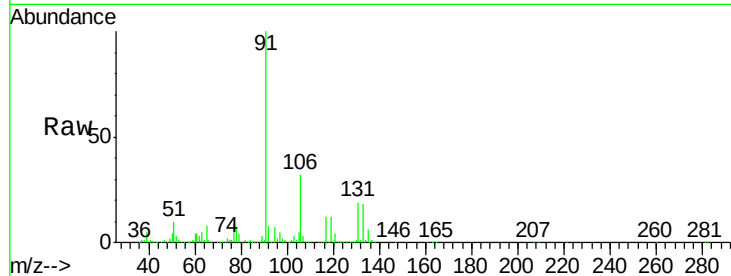
#67
Ethyl Benzene
Concen: 49.902 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1104529
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4

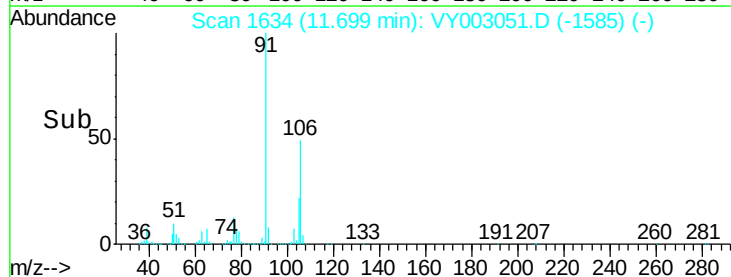
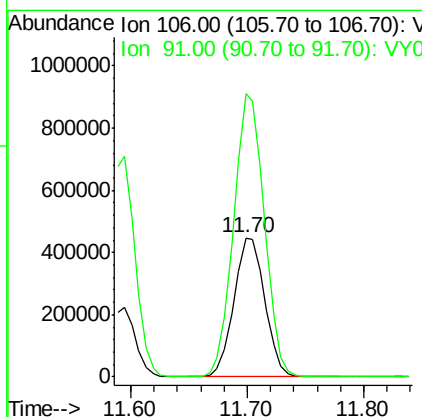
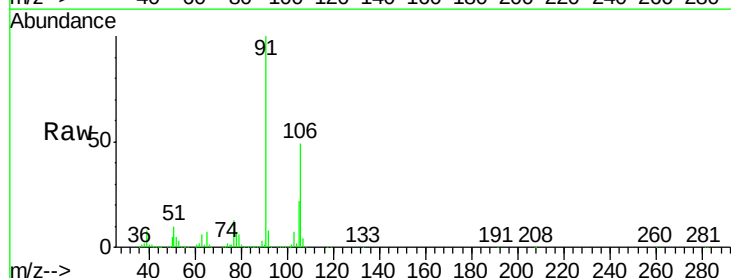
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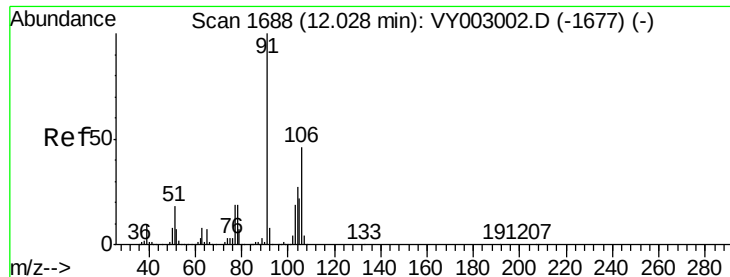
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#68
m/p-Xylenes
Concen: 100.526 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion: 106 Resp: 828115
Ion Ratio Lower Upper
106 100
91 201.7 161.9 242.9





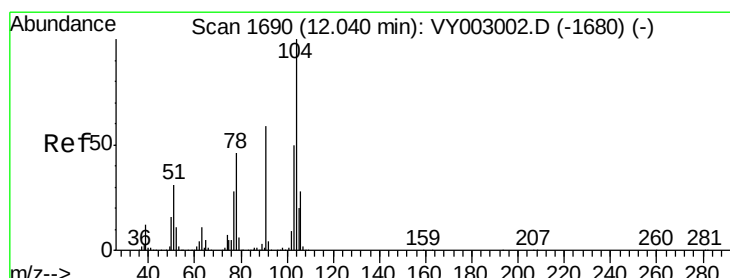
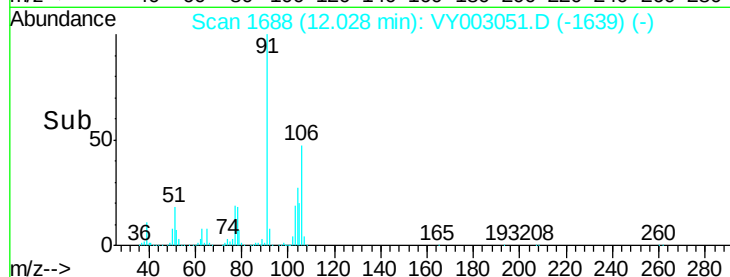
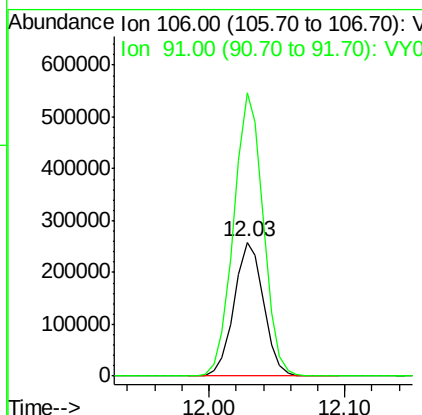
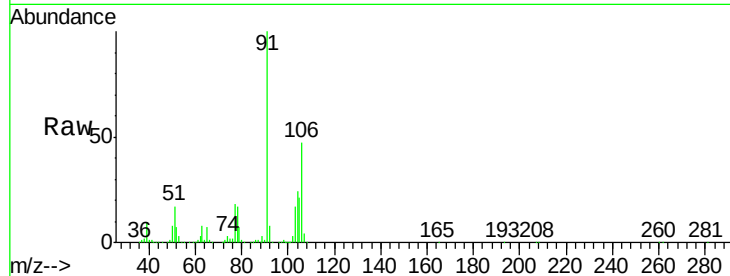
#69
o-Xylene
Concen: 50.116 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 389036
Ion Ratio Lower Upper
106 100
91 211.9 107.9 323.8

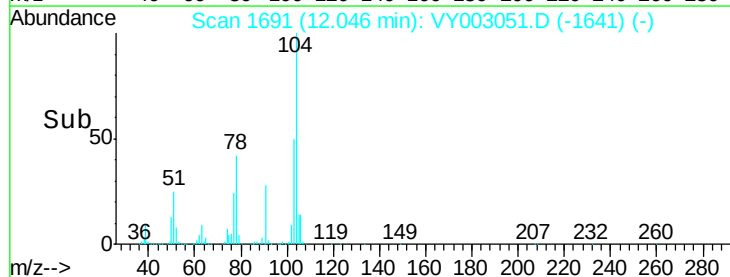
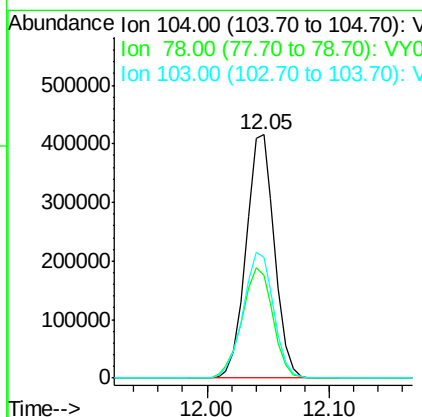
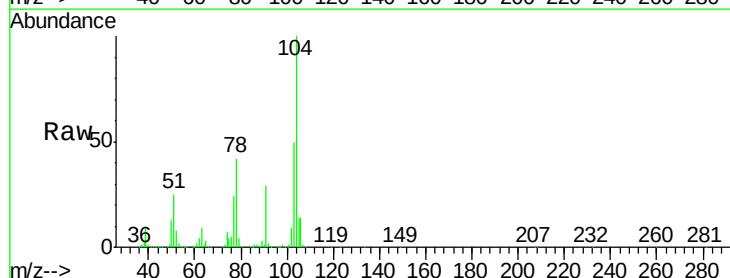
Manual Integrations
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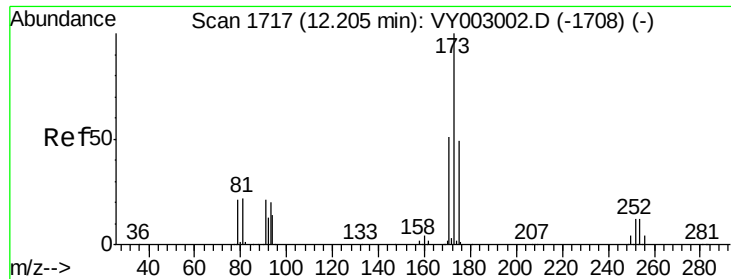
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#70
Styrene
Concen: 50.465 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion:104 Resp: 669255
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 55.4 44.1 66.1





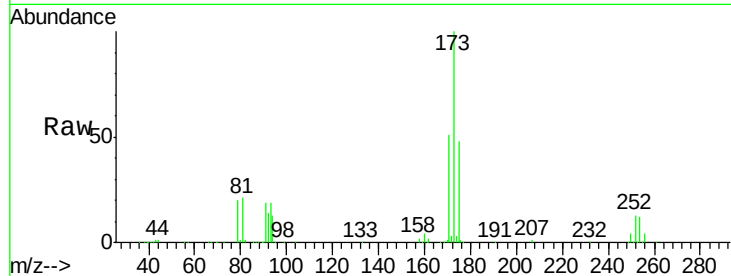
#71
Bromoform
Concen: 50.771 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

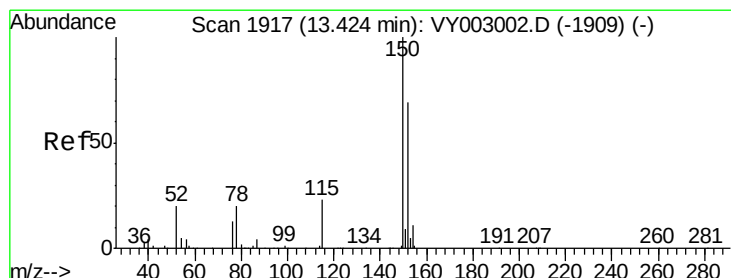
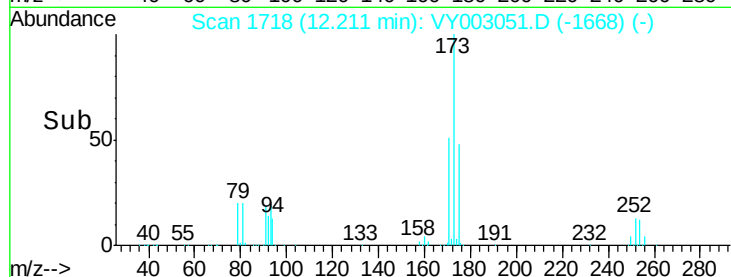
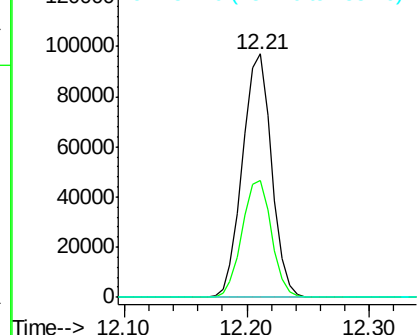
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.6
254	0.2	0.2	0.2

Manual Integrations
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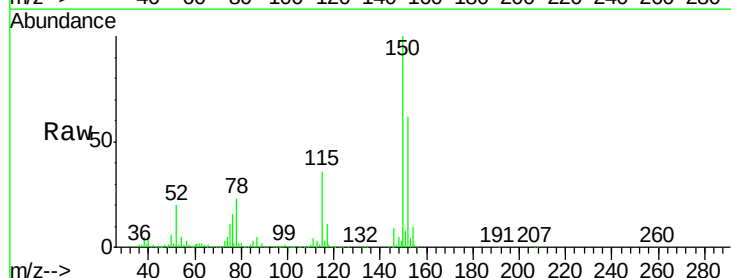


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

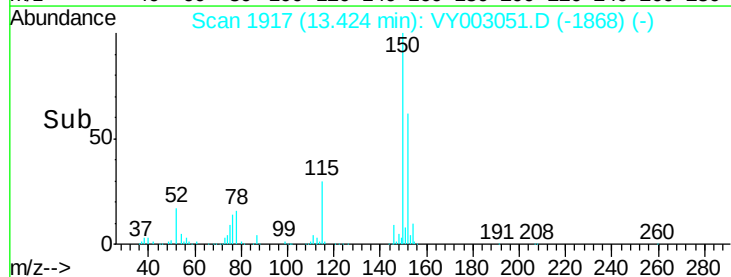
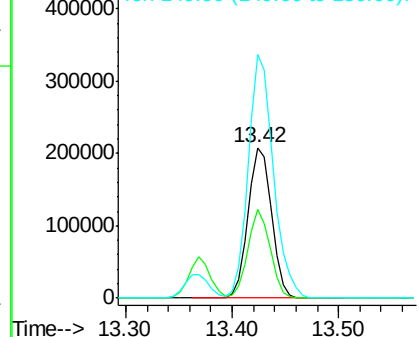


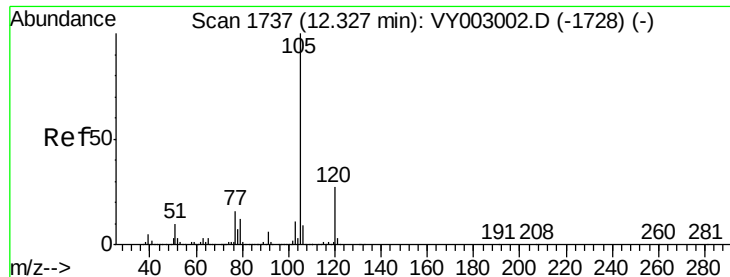
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.3	81.9
150	172.4	0.0	343.4



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: 50.610 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1072052

Ion Ratio Lower Upper

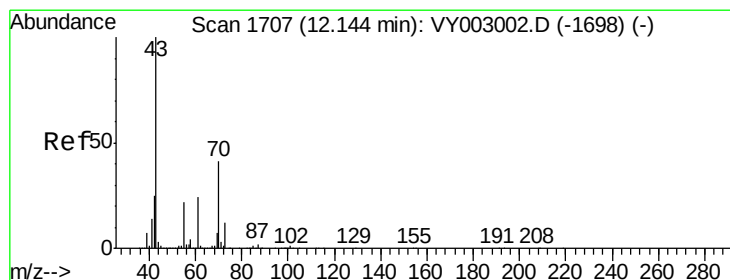
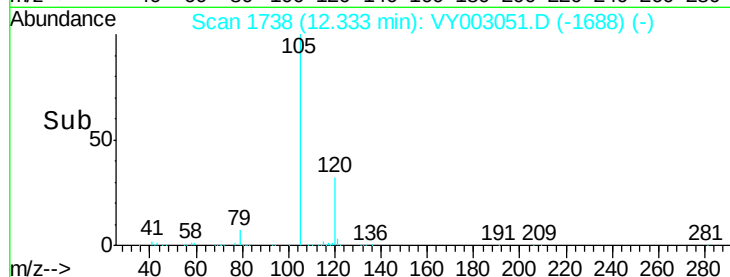
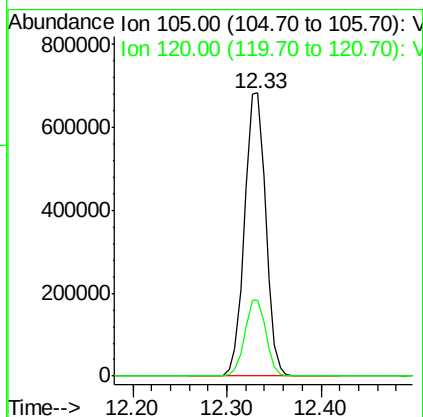
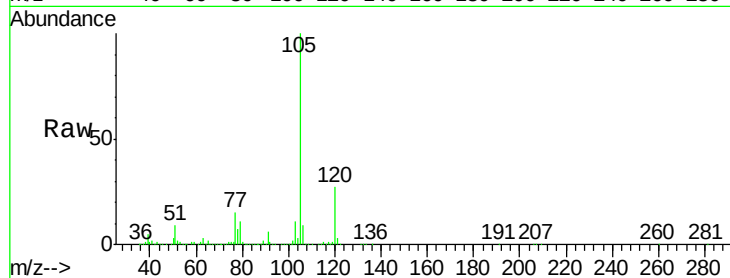
105 100

120 26.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 47.638 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion: 43 Resp: 328505

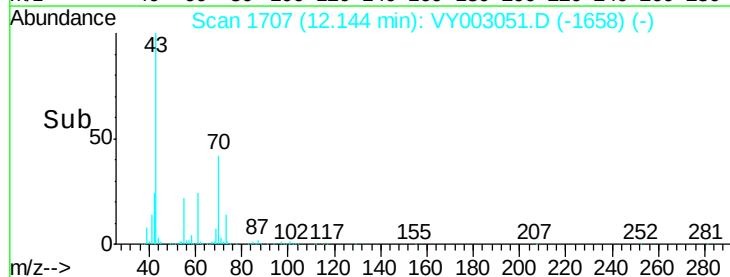
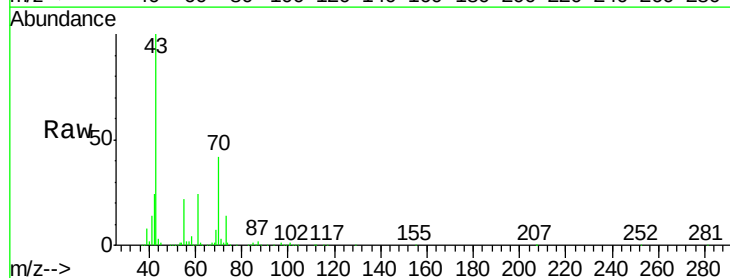
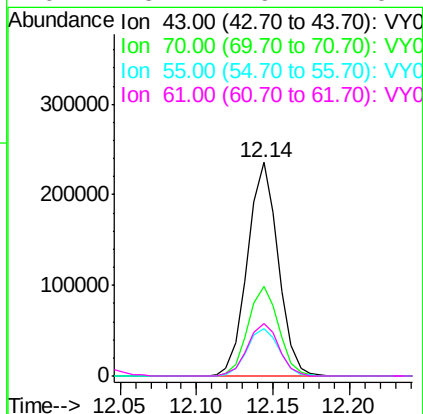
Ion Ratio Lower Upper

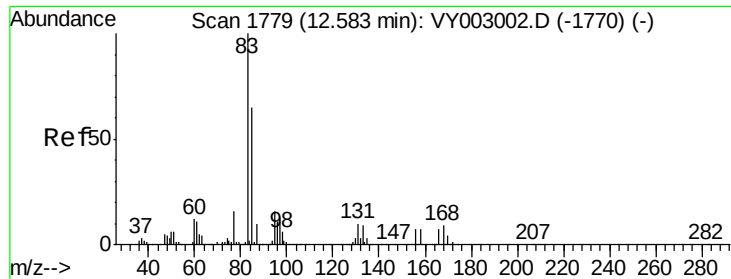
43 100

70 42.4 33.0 49.4

55 23.5 18.2 27.2

61 25.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.770 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

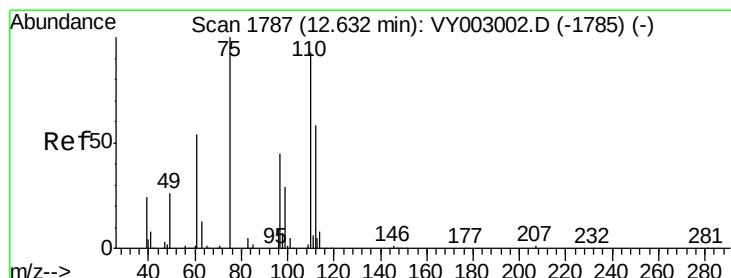
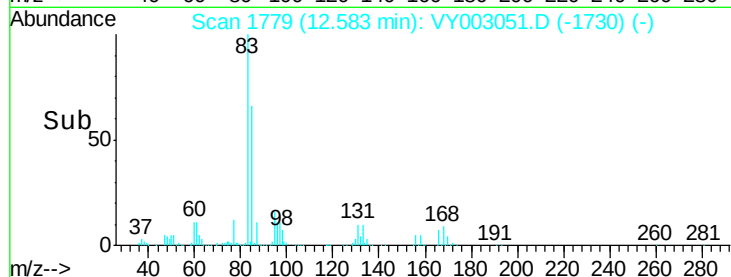
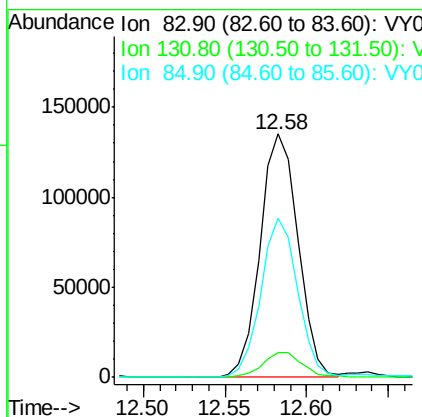
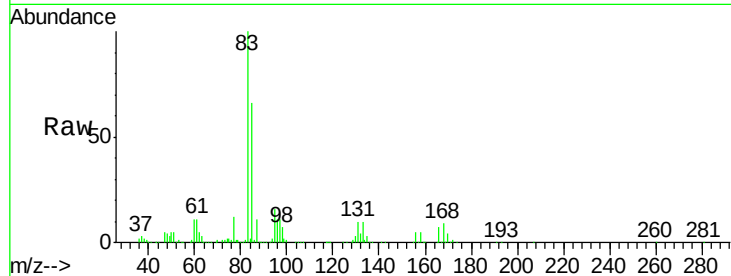
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	217026
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	63.4	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.549 ug/l m

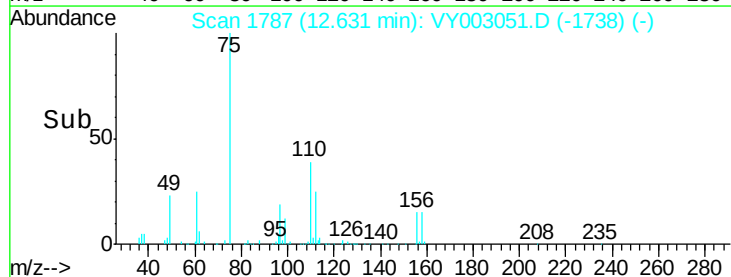
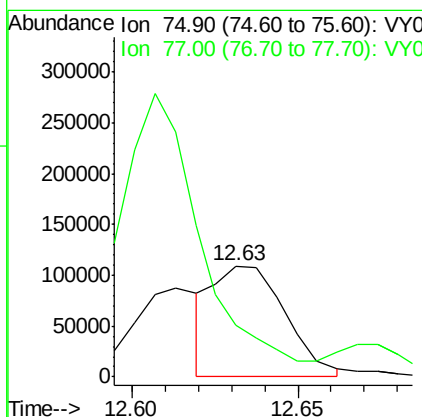
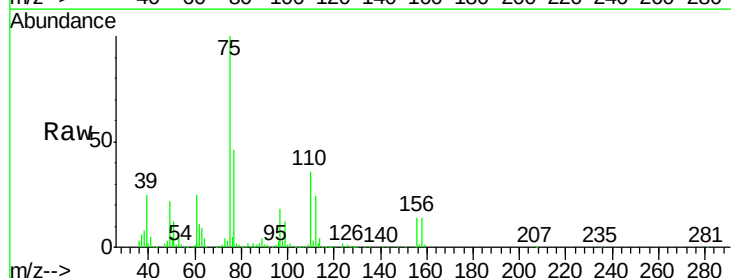
RT: 12.63 min Scan# 1787

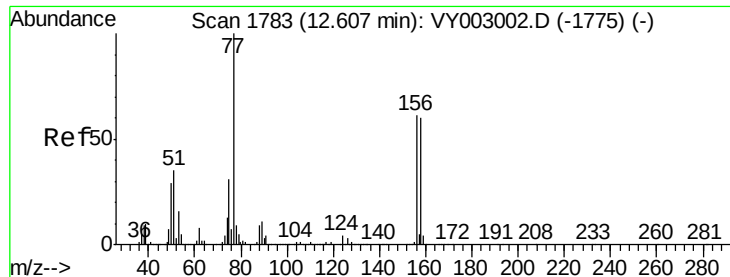
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	75	Resp:	165128
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





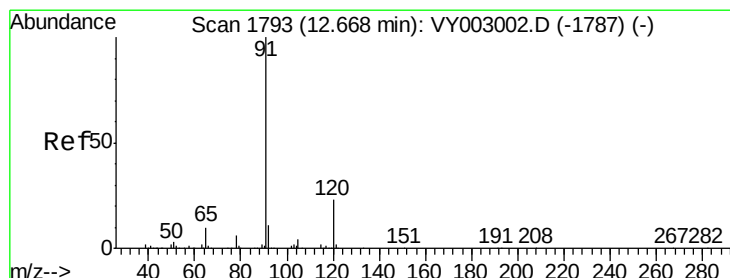
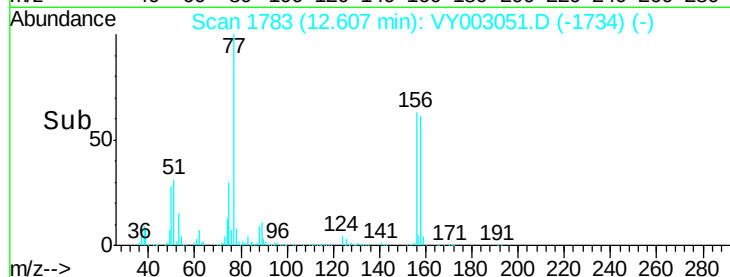
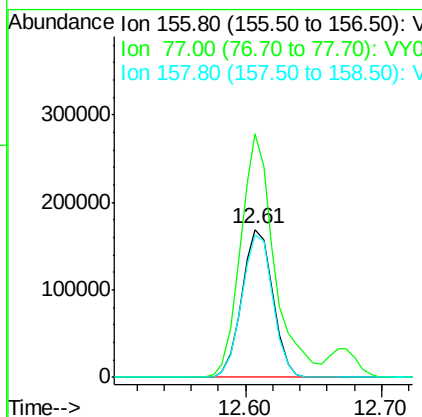
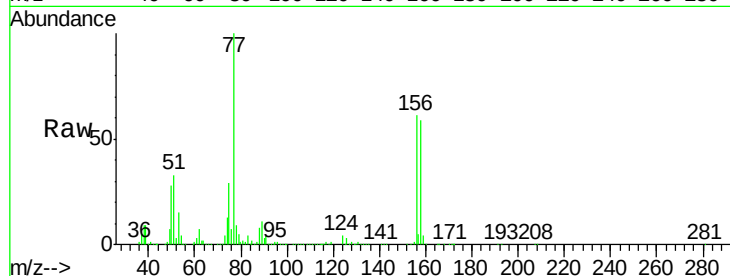
#77
Bromobenzene
Concen: 49.618 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.3	90.0	270.0
158	96.6	48.5	145.5

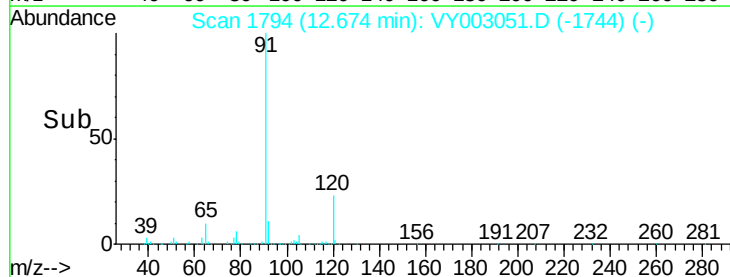
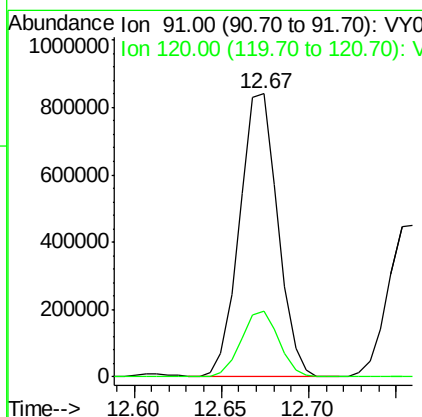
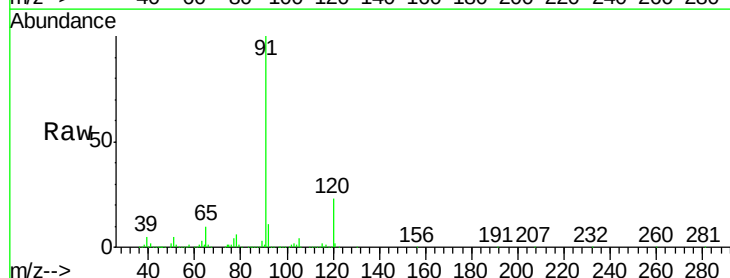
Manual Integrations
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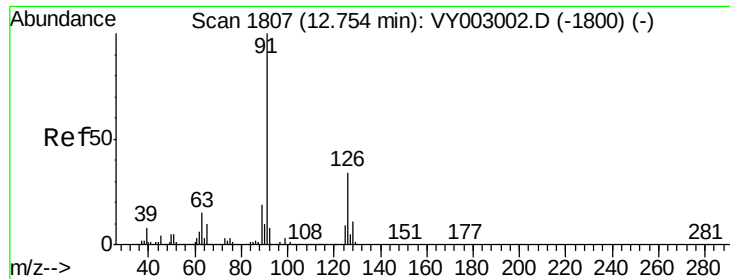
sam
7/2/2020 4:48:41 PM



#78
n-propylbenzene
Concen: 50.062 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





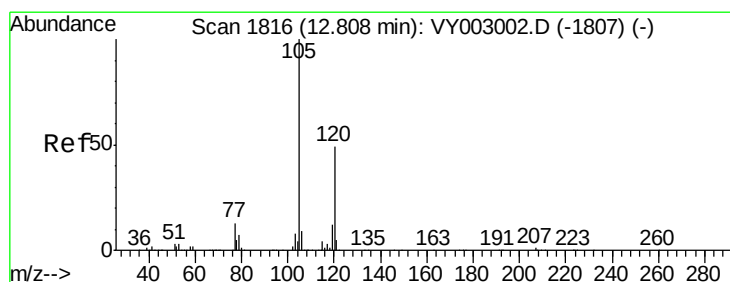
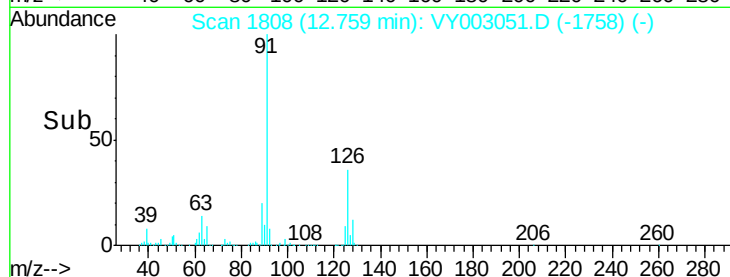
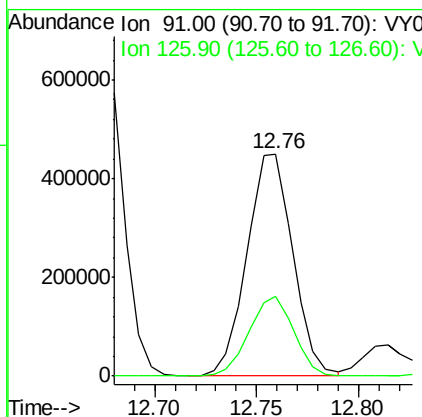
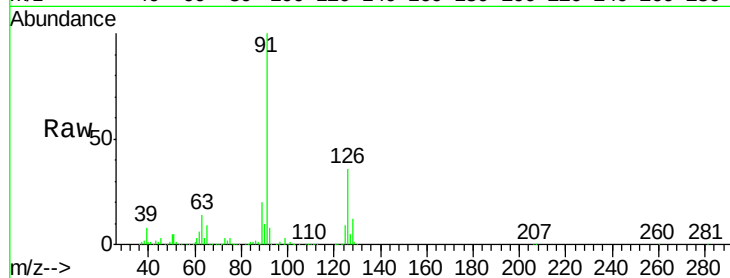
#79
2-Chlorotoluene
Concen: 49.721 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 707009
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.3

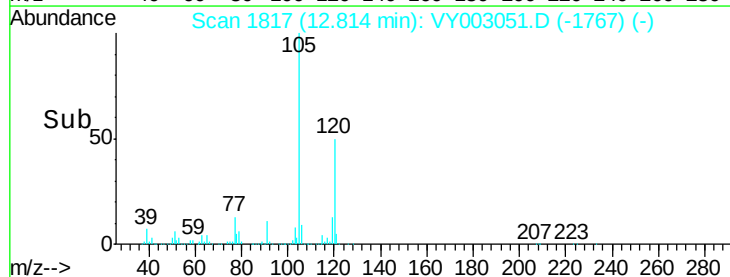
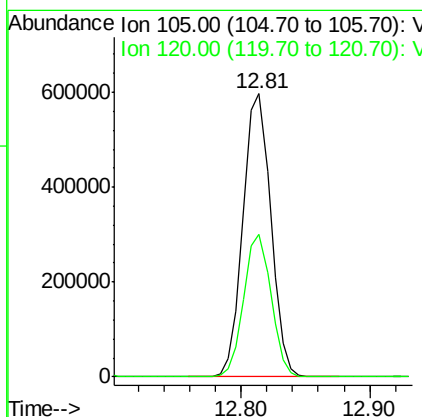
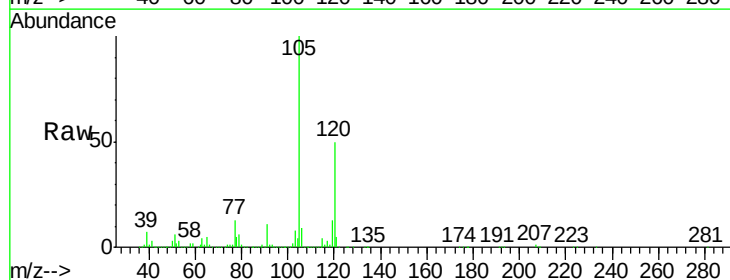
Manual Integrations
APPROVED

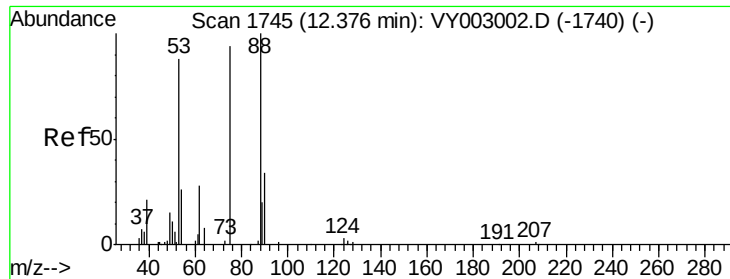
sam
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#80
1,3,5-Trimethylbenzene
Concen: 50.018 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion: 105 Resp: 889086
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





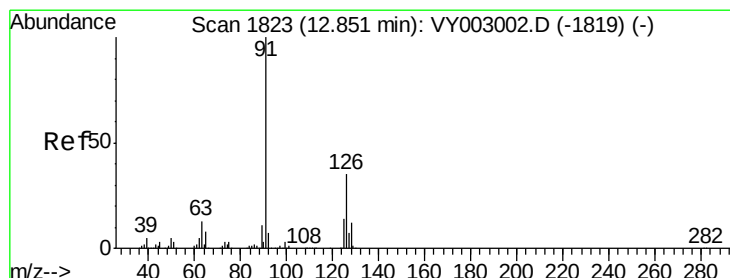
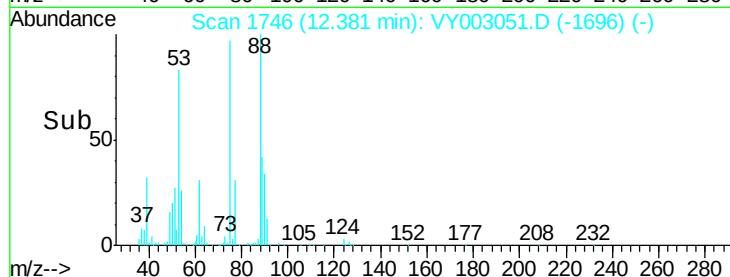
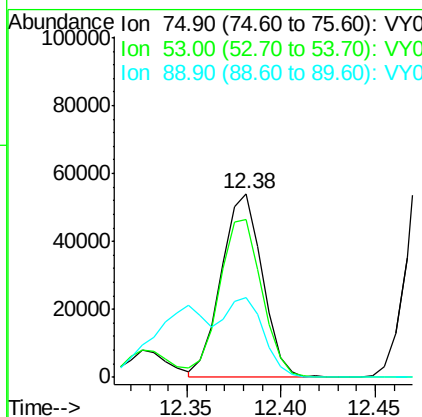
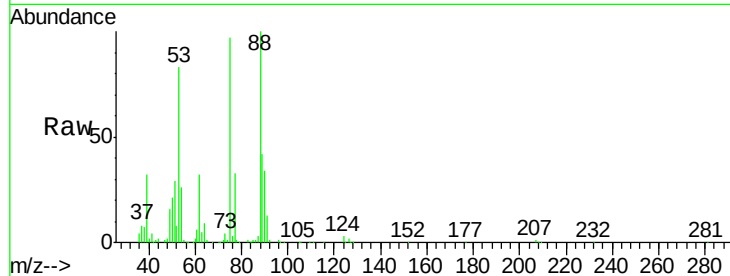
#81
trans-1,4-Dichloro-2-butene
Concen: 49.547 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	73.9	110.9
89	42.3	37.5	56.3

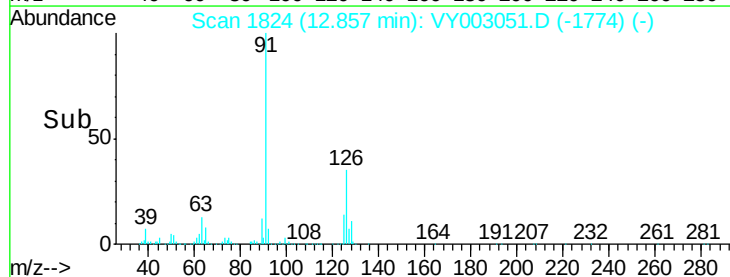
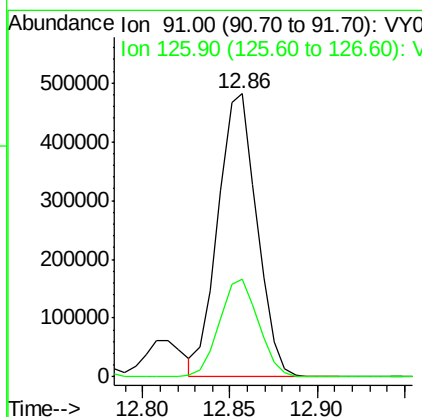
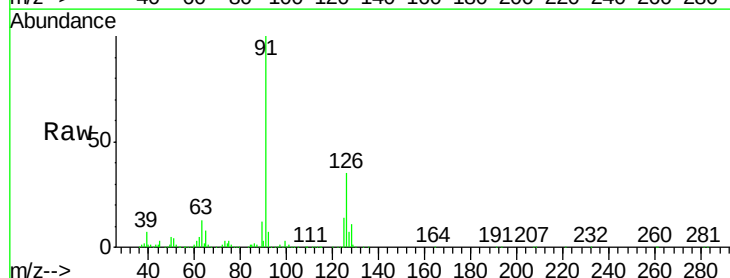
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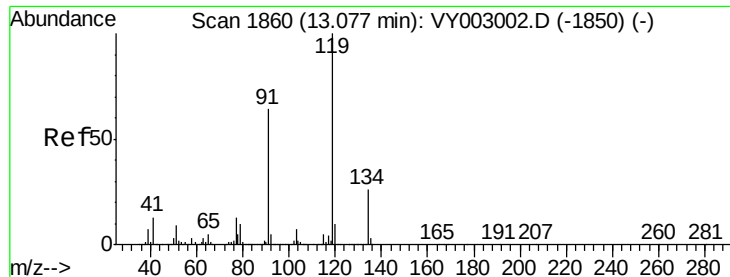
sam
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#82
4-Chlorotoluene
Concen: 50.310 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.4	52.3





#83

tert-Butylbenzene

Concen: 49.924 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

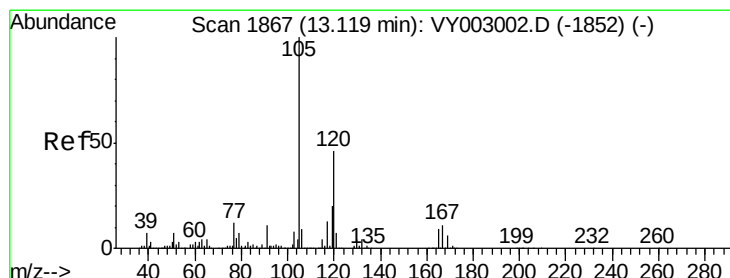
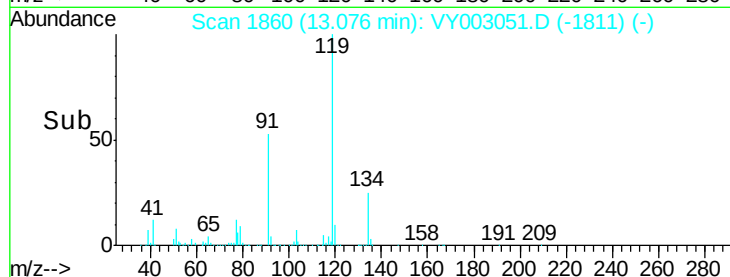
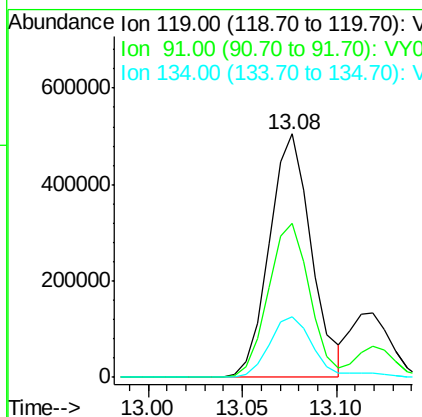
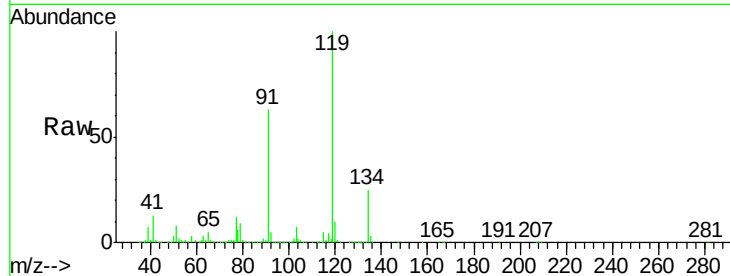
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	779211
Ion Ratio	Lower	Upper	
119	100		
91	62.7	31.6	95.0
134	26.7	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.984 ug/l

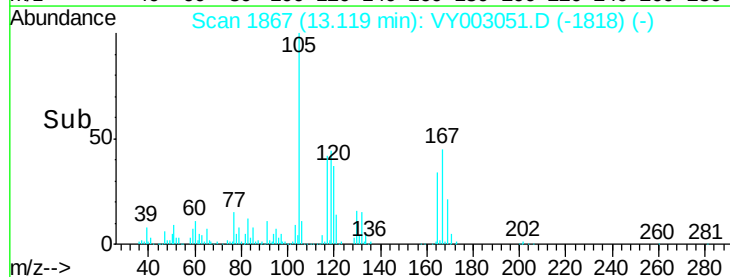
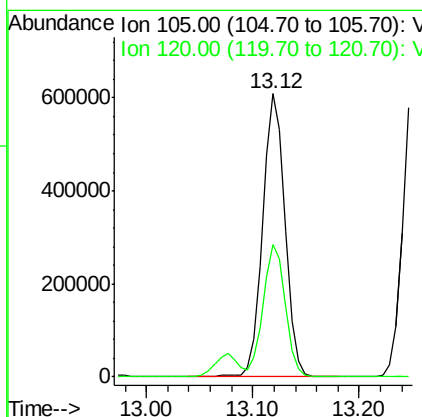
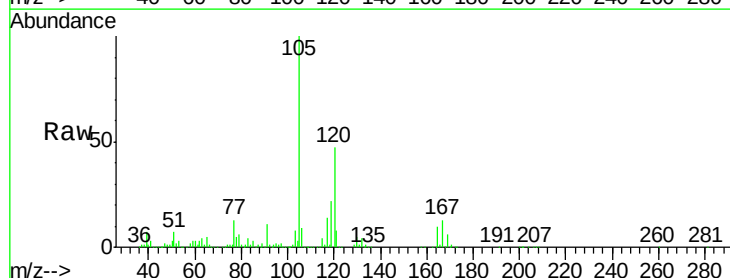
RT: 13.12 min Scan# 1867

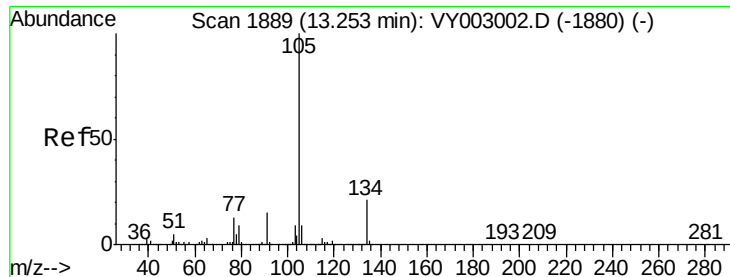
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	105	Resp:	895284
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.6	67.8





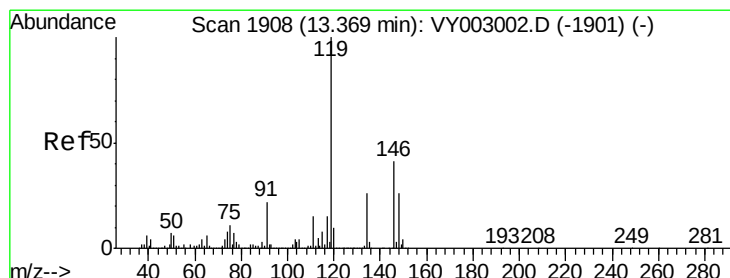
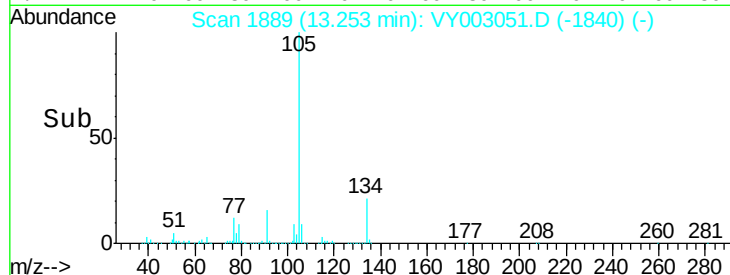
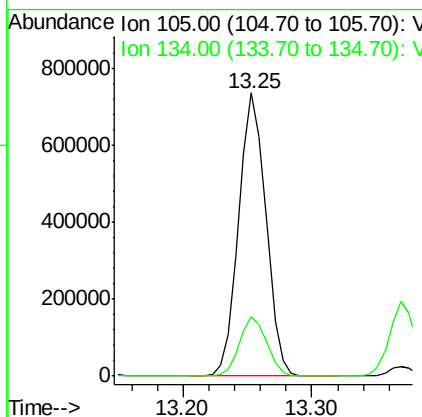
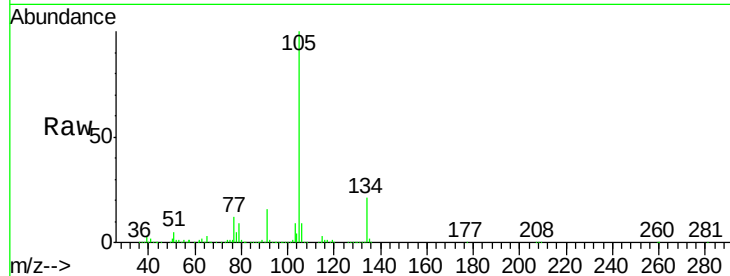
#85
 sec-Butylbenzene
 Concen: 50.183 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1079605
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2

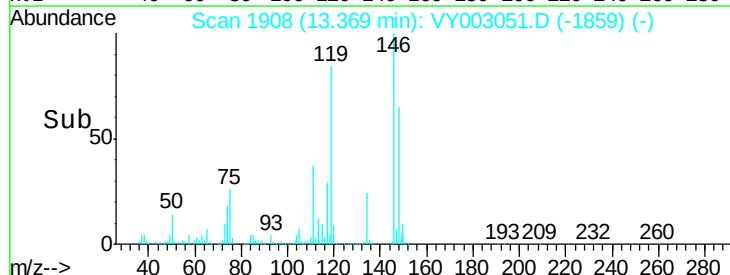
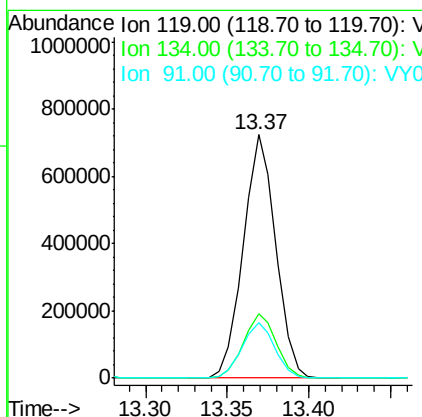
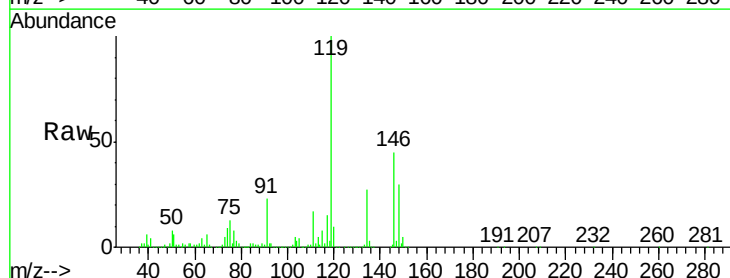
Manual Integrations
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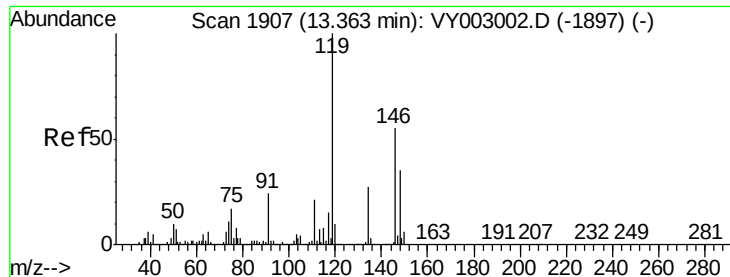
sam
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#86
 p-Isopropyltoluene
 Concen: 50.328 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion:119 Resp: 1003261
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 23.2 11.5 34.5





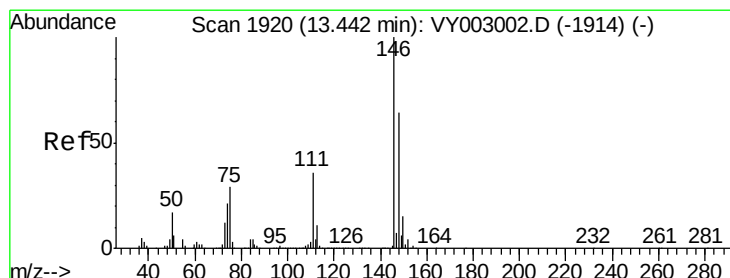
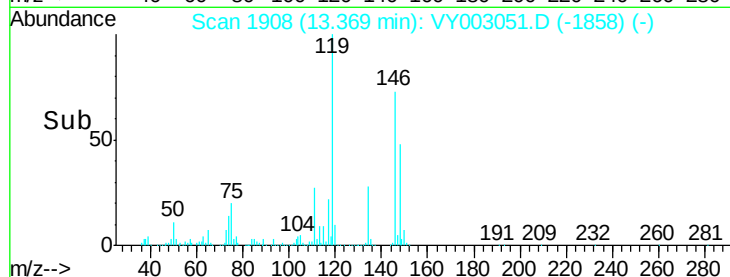
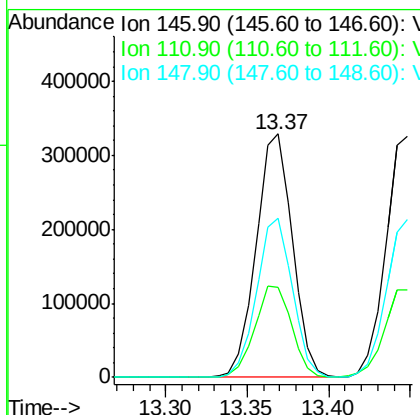
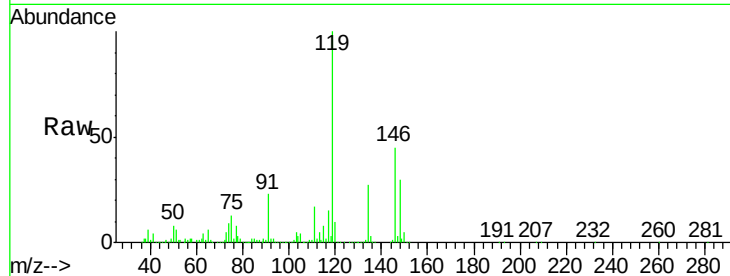
#87
 1,3-Dichlorobenzene
 Concen: 50.224 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.3	31.8	95.3

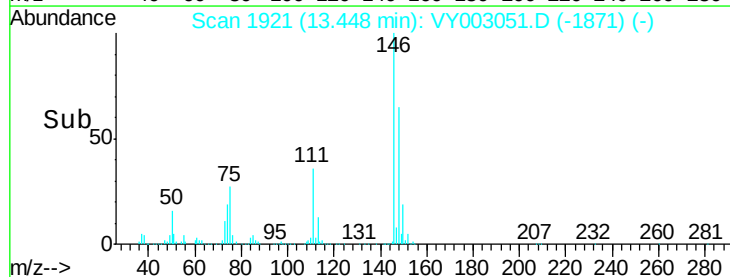
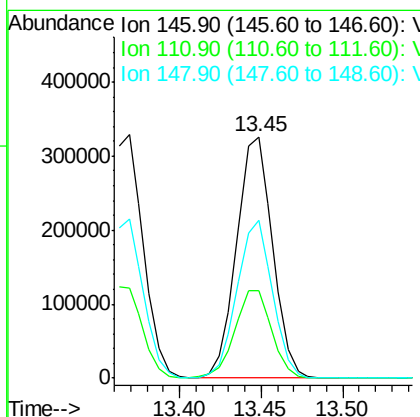
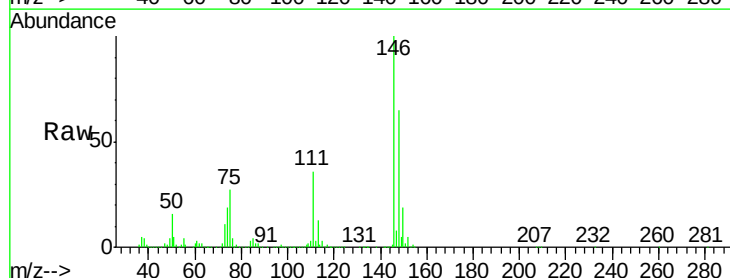
Manual Integrations
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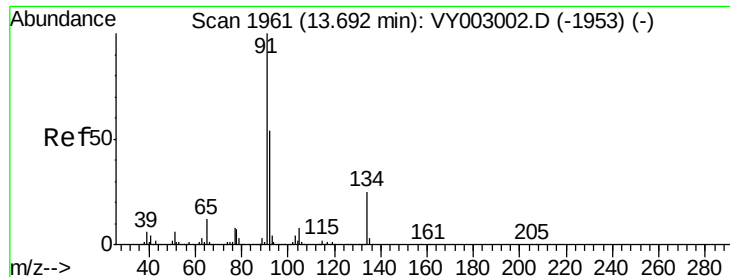
sam
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#88
 1,4-Dichlorobenzene
 Concen: 50.159 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.4
148	64.4	32.3	96.9





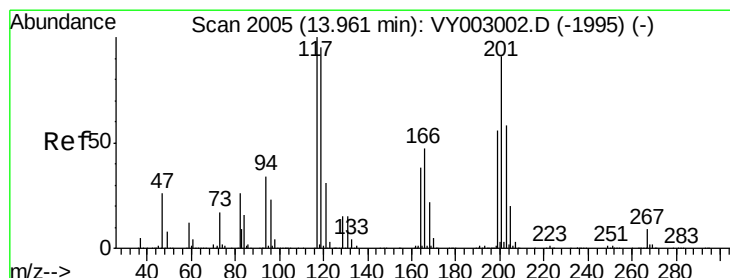
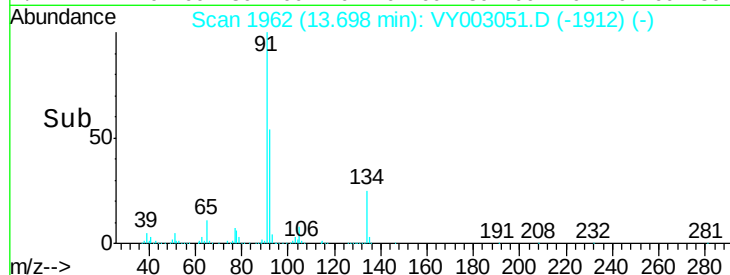
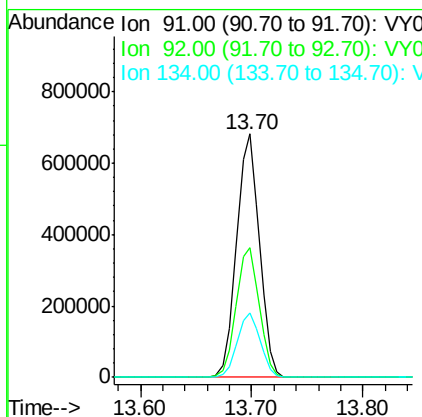
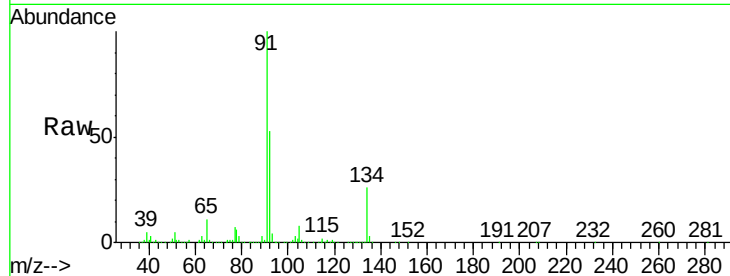
#89
n-Butylbenzene
Concen: 50.497 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.8	80.3
134	26.8	13.1	39.1

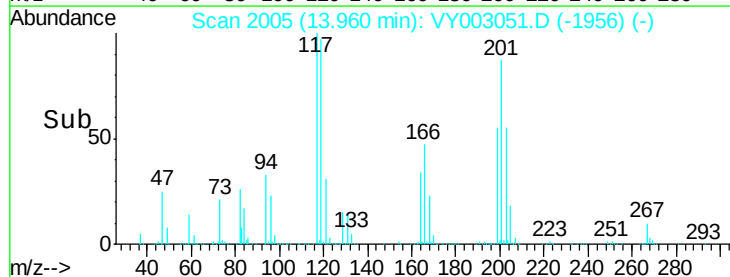
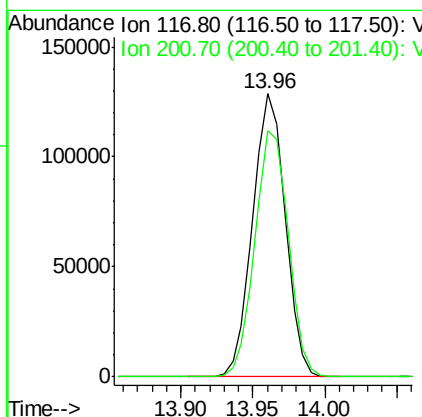
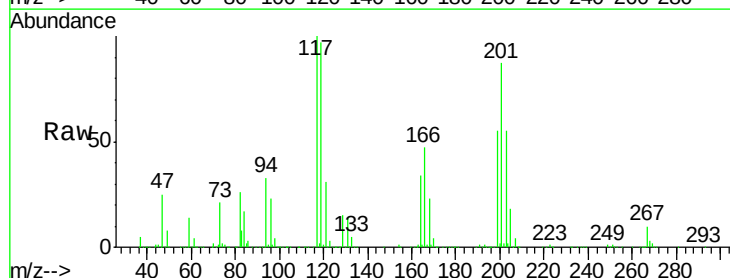
Manual Integrations
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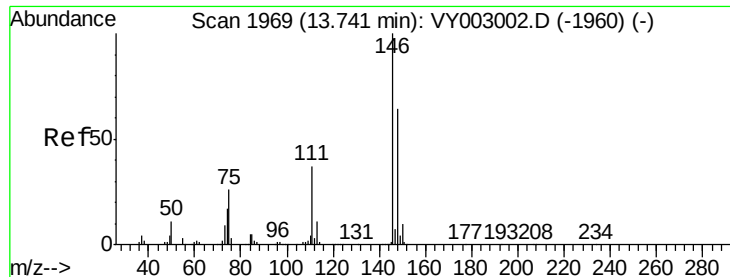
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#90
Hexachloroethane
Concen: 50.801 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 49.710 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Instrument :

MSVOA_Y

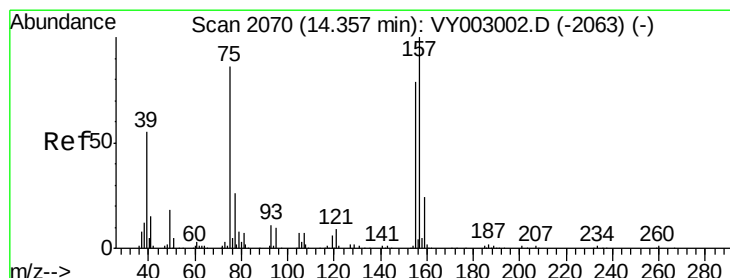
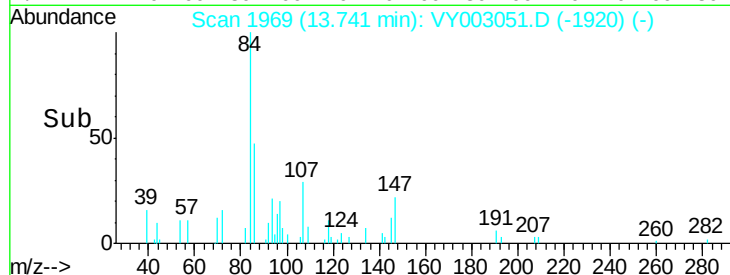
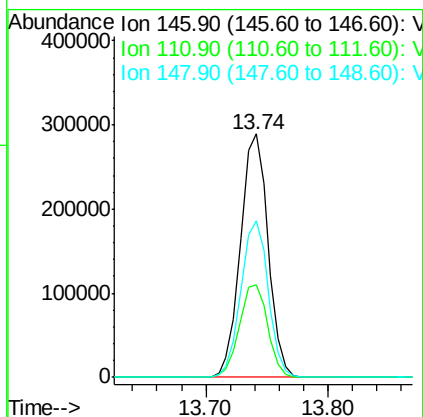
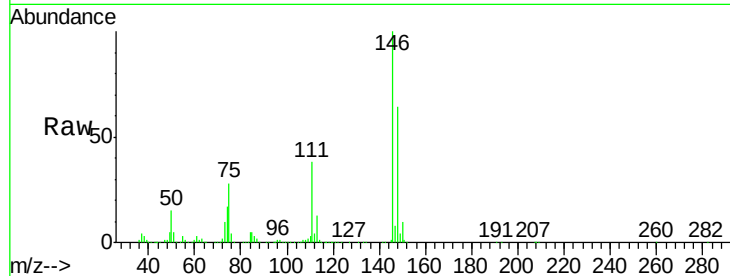
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	452245
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.1	57.5
148	63.8	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.079 ug/l

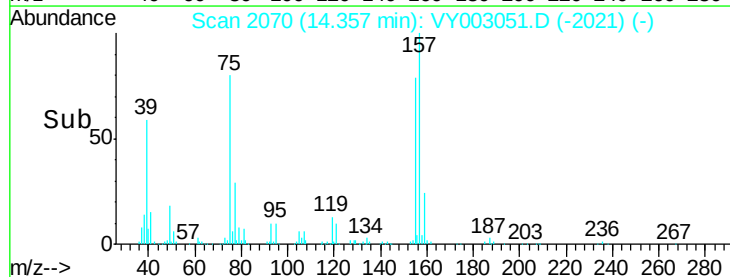
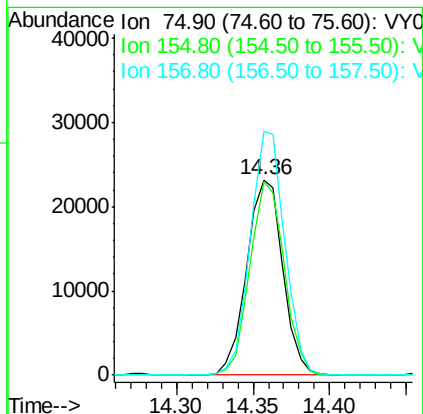
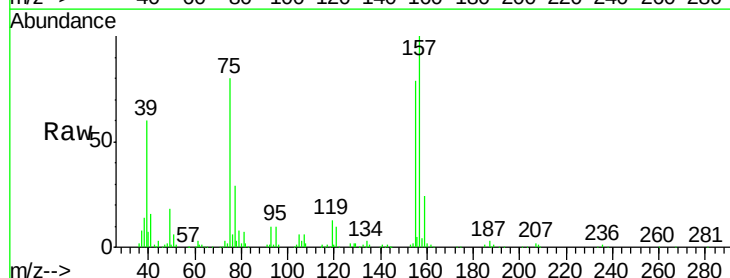
RT: 14.36 min Scan# 2070

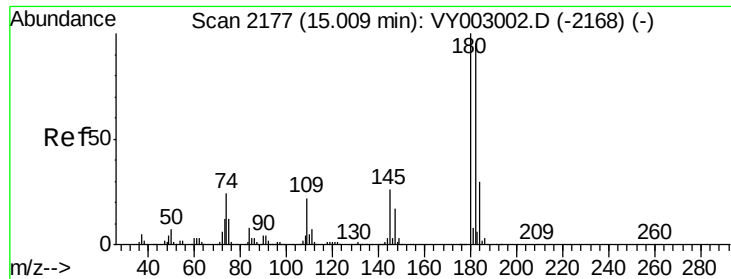
Delta R.T. -0.00 min

Lab File: VY003051.D

Acq: 01 Jul 2020 10:51

Tgt Ion:	75	Resp:	37896
Ion Ratio	Lower	Upper	
75	100		
155	94.7	46.5	139.3
157	119.7	59.2	177.5





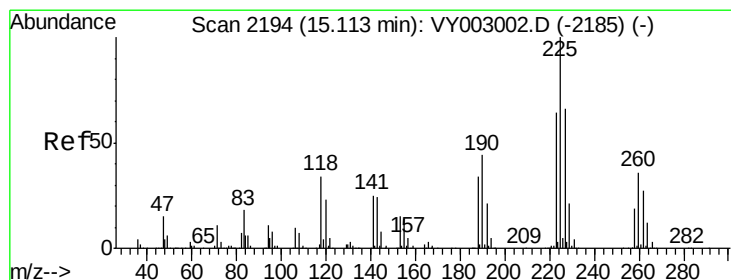
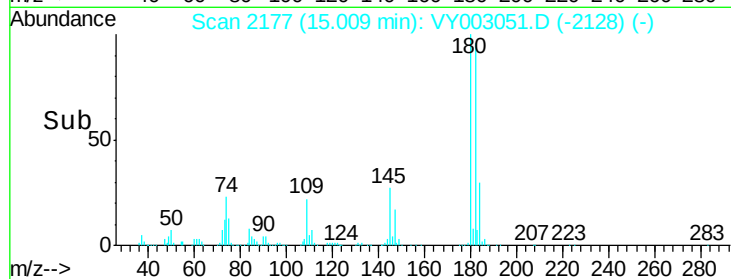
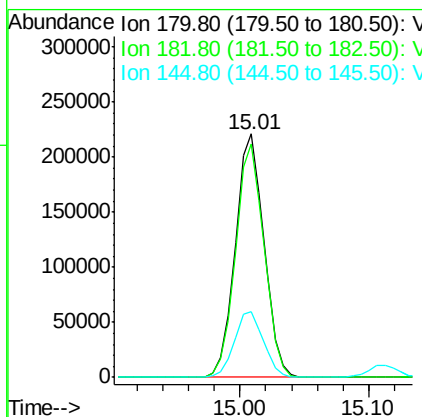
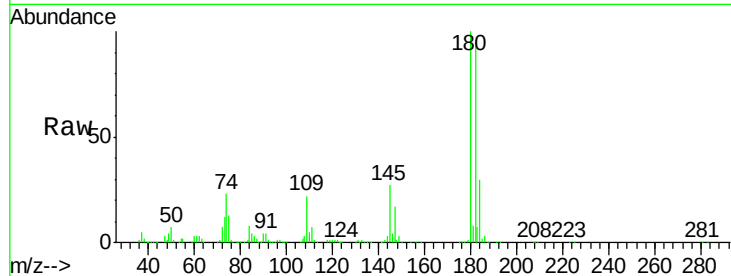
#93
 1,2,4-Trichlorobenzene
 Concen: 50.369 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	340501		
182	95.3	48.1	144.3	
145	27.5	13.9	41.6	

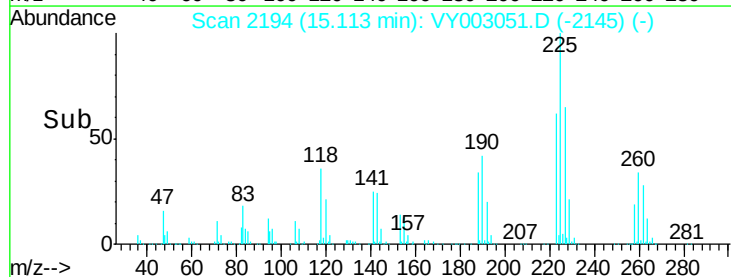
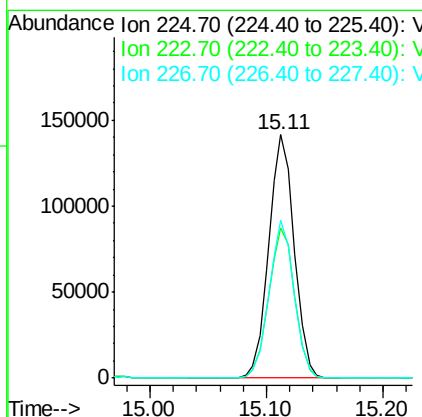
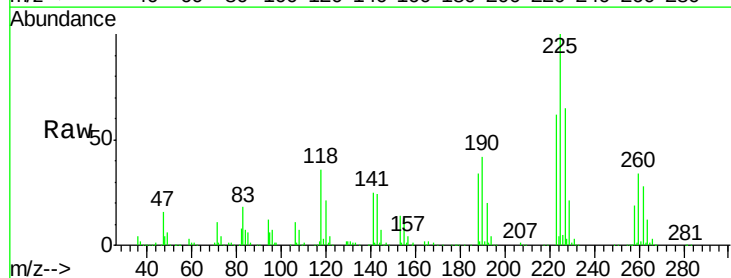
Manual Integrations
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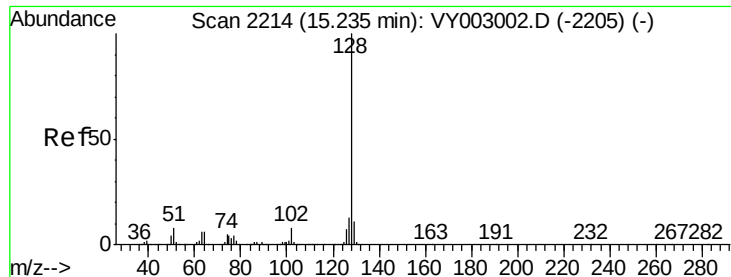
sam
 7/2/2020 4:48:41 PM



#94
 Hexachlorobutadiene
 Concen: 50.408 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003051.D
 Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	214944		
223	63.0	32.4	97.0	
227	63.6	32.4	97.2	





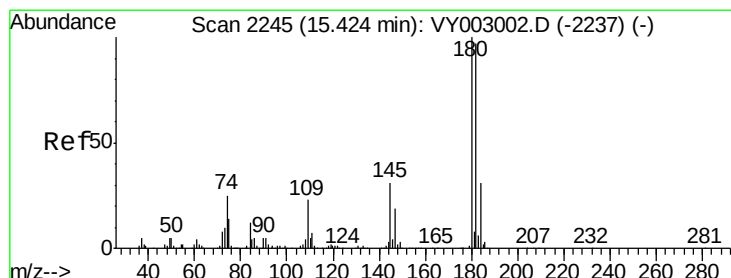
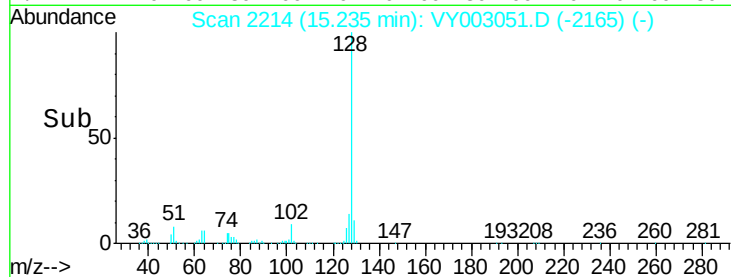
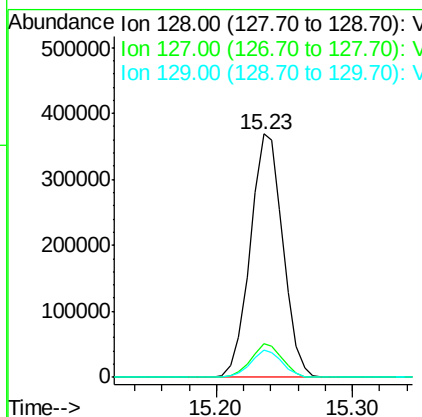
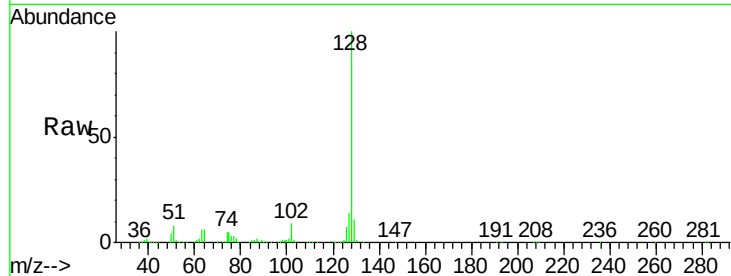
#95
Naphthalene
Concen: 50.072 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	618259		
127	13.3		10.8	16.2
129	10.7		8.8	13.2

Manual Integrations
APPROVED

sam
7/2/2020 4:48:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.716 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003051.D
Acq: 01 Jul 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297704		
182	93.5		47.8	143.3
145	28.8		14.7	44.1

