

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002041.D
 Acq On : 24 Mar 2020 10:37
 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

apatel
 3/25/2020 10:37:53 AM

Quant Time: Mar 24 15:26:20 2020
 Quant Title :
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	168778	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	300011	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	269184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	85198	47.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	7.73	113	84336	51.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.19	98	337295	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.49	95	122594	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.91	85	65788	42.228	ug/l	97
3) Chloromethane	2.12	50	91196	43.417	ug/l	99
4) Vinyl Chloride	2.26	62	95614	44.752	ug/l	98
5) Bromomethane	2.66	94	61829	49.487	ug/l	94
6) Chloroethane	2.80	64	61885	46.110	ug/l	98
7) Trichlorofluoromethane	3.14	101	136520	47.116	ug/l	93
8) Diethyl Ether	3.54	74	53331	46.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	92056	49.395	ug/l	99
10) Methyl Iodide	4.11	142	109718	50.908	ug/l	99
11) Tert butyl alcohol	4.97	59	34522	177.570	ug/l	97
12) 1,1-Dichloroethene	3.88	96	91925	48.987	ug/l	96
13) Acrolein	3.74	56	49168	194.188	ug/l	97
14) Allvl chloride	4.50	41	163374	49.110	ug/l	100
15) Acrylonitrile	5.18	53	136577	223.805	ug/l	99
16) Acetone	3.96	43	152795	291.150	ug/l	99
17) Carbon Disulfide	4.21	76	269563	42.733	ug/l	99
18) Methyl Acetate	4.49	43	57862	42.911	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	241344	47.460	ug/l	98
20) Methylene Chloride	4.73	84	102639	45.634	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	101962	47.872	ug/l	96
22) Diisopropyl ether	6.13	45	330202	48.423	ug/l	97
23) Vinyl Acetate	6.08	43	1032042	230.861	ug/l	98
24) 1,1-Dichloroethane	6.04	63	181363	49.113	ug/l	99
25) 2-Butanone	7.00	43	196137	245.763	ug/l	97
26) 2,2-Dichloropropane	7.00	77	152973	50.471	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	113562	49.016	ug/l	100
28) Bromochloromethane	7.35	49	80695	48.480	ug/l	99
29) Tetrahydrofuran	7.36	42	111667	210.704	ug/l	99
30) Chloroform	7.52	83	172463	49.709	ug/l	98
31) Cyclohexane	7.79	56	176389	44.549	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	147762	50.531	ug/l	99
36) 1,1-Dichloropropene	7.92	75	142196	49.254	ug/l	99
37) Ethyl Acetate	7.09	43	73458	43.779	ug/l	99
38) Carbon Tetrachloride	7.91	117	126357	51.234	ug/l	100
39) Methylcyclohexane	9.19	83	187675	49.012	ug/l	99

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40) Benzene	8.17	78	422495	49.373	ug/l	99
41) Methacrylonitrile	7.33	41	45862m	60.733	ug/l	
42) 1,2-Dichloroethane	8.25	62	107492	48.749	ug/l	99
43) Isopropyl Acetate	8.28	43	144664	45.537	ug/l	98
44) Trichloroethene	8.95	130	103521	49.674	ug/l	99
45) 1,2-Dichloropropane	9.22	63	109554	50.929	ug/l	99
46) Dibromomethane	9.31	93	54305	48.989	ug/l	97
47) Bromodichloromethane	9.50	83	134363	52.106	ug/l	99
48) Methyl methacrylate	9.30	41	67428	47.833	ug/l	100
49) 1,4-Dioxane	9.31	88	13031	857.898	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	366468	223.964	ug/l	100
52) Toluene	10.25	92	261689	50.341	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	143903	51.222	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	169409	50.654	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	79511	49.011	ug/l	99
56) Ethyl methacrylate	10.52	69	114379	48.101	ug/l	99
57) 1,3-Dichloropropane	10.80	76	140695	48.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	180950	212.912	ug/l	100
59) 2-Hexanone	10.84	43	287627	246.276	ug/l	100
60) Dibromochloromethane	10.99	129	87830	51.379	ug/l	100
61) 1,2-Dibromoethane	11.10	107	73503	47.831	ug/l	99
64) Tetrachloroethene	10.73	164	84130	49.837	ug/l	92
65) Chlorobenzene	11.52	112	269771	50.297	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	90511	51.459	ug/l	98
67) Ethyl Benzene	11.60	91	503013	50.286	ug/l	100
68) m/p-Xylenes	11.71	106	372588	100.747	ug/l	100
69) o-Xylene	12.03	106	175289	50.288	ug/l	99
70) Styrene	12.05	104	305540	51.179	ug/l	100
71) Bromoform	12.22	173	47962	50.281	ug/l #	98
73) Isopropylbenzene	12.33	105	481061	51.221	ug/l	99
74) N-amyl acetate	12.15	43	134397	46.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	94370	46.595	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	66920m	45.840	ug/l	
77) Bromobenzene	12.61	156	101608	51.063	ug/l	96
78) n-propylbenzene	12.68	91	593739	51.243	ug/l	100
79) 2-Chlorotoluene	12.77	91	327101	51.097	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	395587	51.164	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34984	48.406	ug/l	97
82) 4-Chlorotoluene	12.86	91	339104	50.877	ug/l	99
83) tert-Butylbenzene	13.08	119	339346	52.842	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	394067	51.357	ug/l	100
85) sec-Butylbenzene	13.26	105	494111	52.200	ug/l	100
86) p-Isopropyltoluene	13.38	119	427448	52.348	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	196163	50.307	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	197326	49.883	ug/l	100
89) n-Butylbenzene	13.70	91	436264	51.498	ug/l	99
90) Hexachloroethane	13.97	117	83217	54.022	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	179412	50.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14548	46.032	ug/l	97
93) 1,2,4-Trichlorobenzene	15.02	180	113305	49.320	ug/l	97
94) Hexachlorobutadiene	15.12	225	57438	51.282	ug/l	99

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QLast Update : Thu Mar 05 04:05:33 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.25	128	254452	46.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	99773	49.300	ug/l	99

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

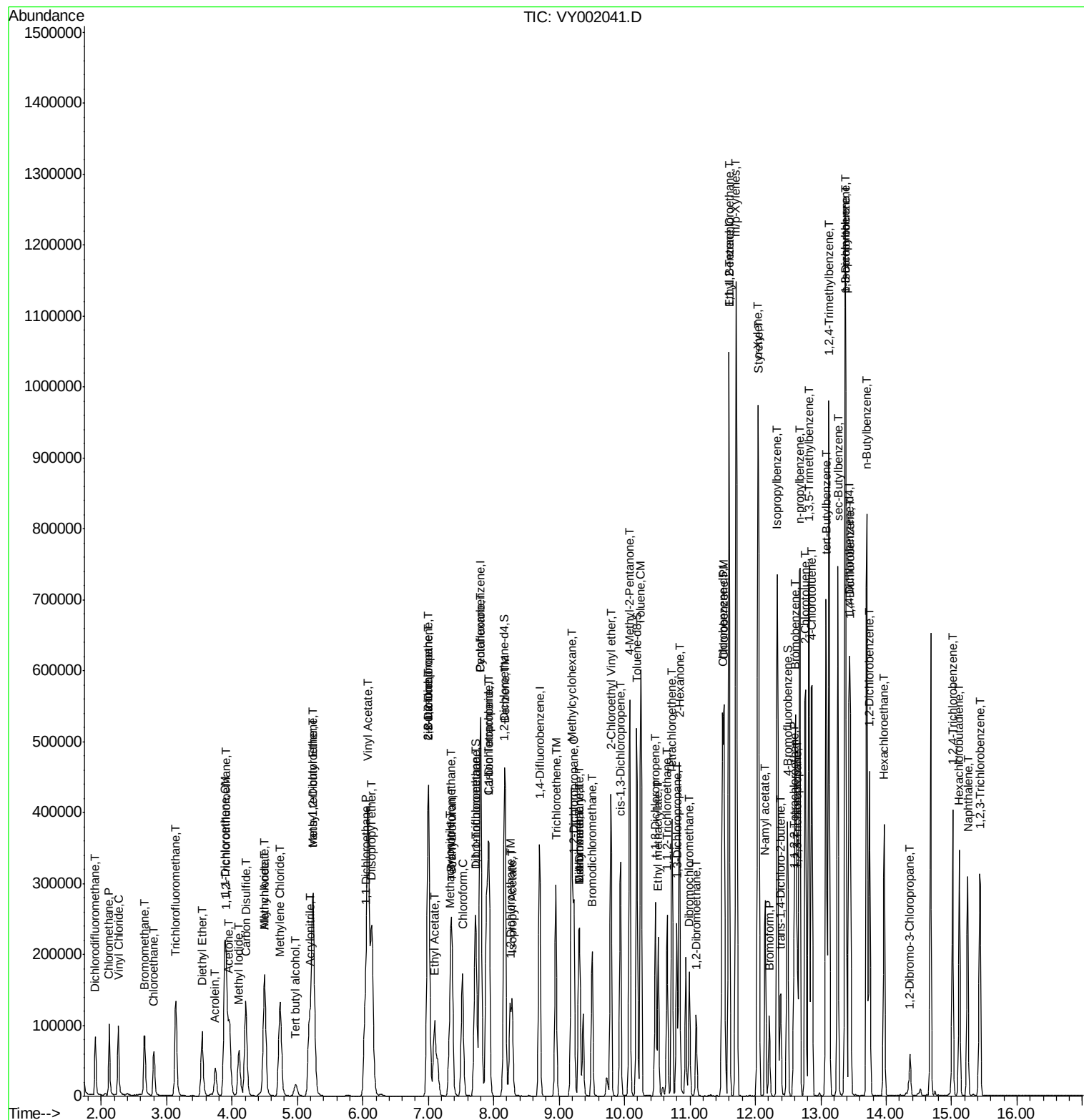
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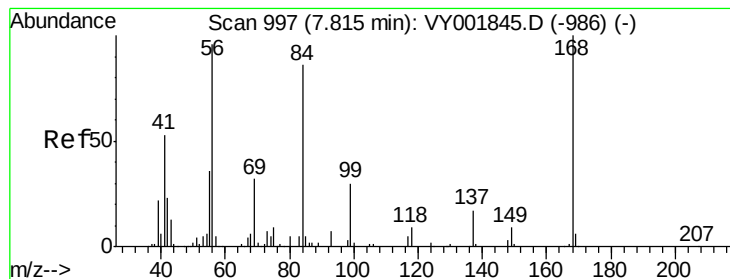
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 168778

Ion Ratio Lower Upper

168 100

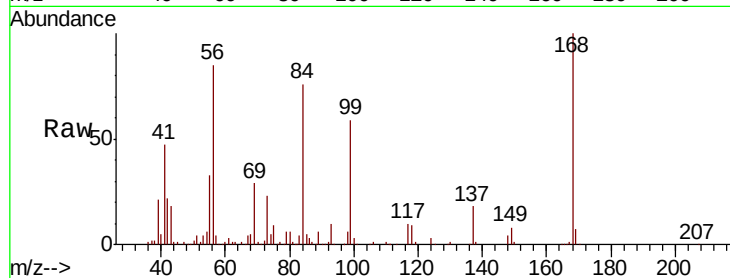
99 58.8 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

80000

60000

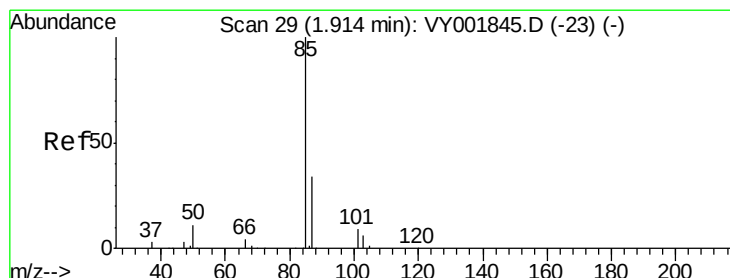
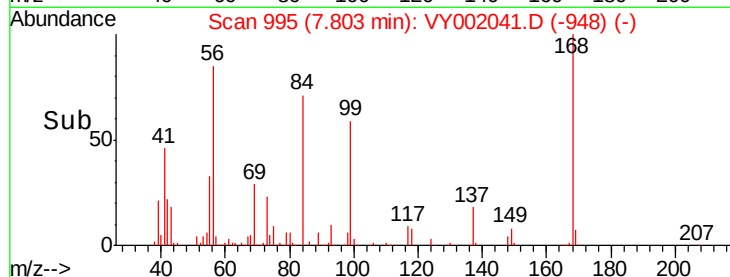
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.228 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002041.D

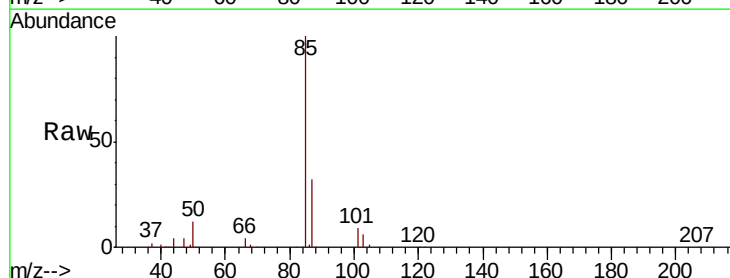
Acq: 24 Mar 2020 10:37

Tgt Ion: 85 Resp: 65788

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

50000

40000

30000

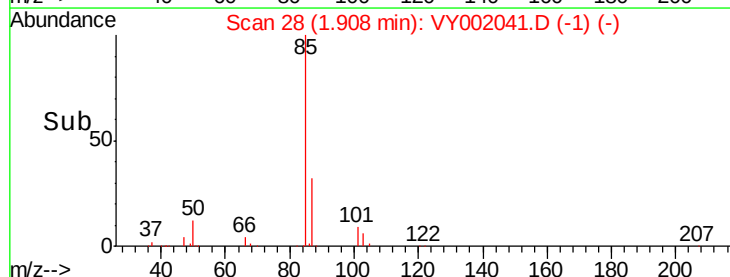
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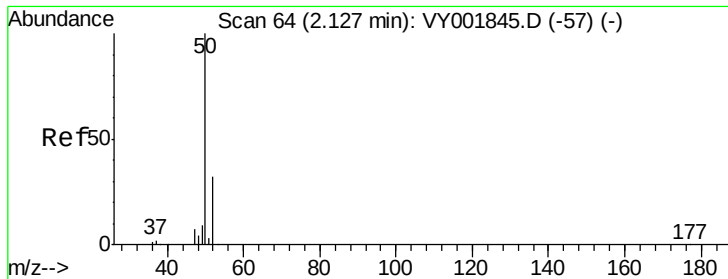
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.417 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 91196

Ion Ratio Lower Upper

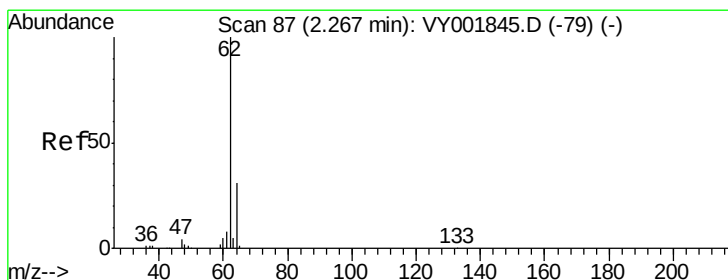
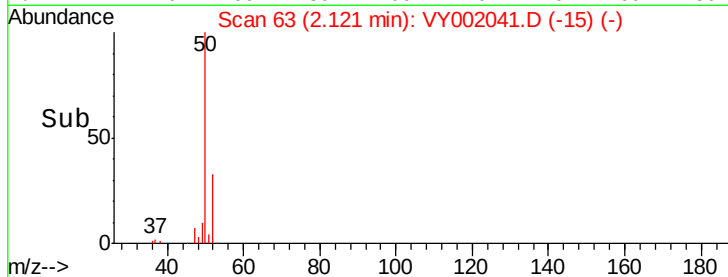
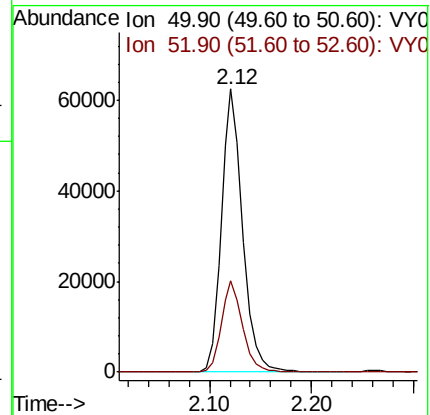
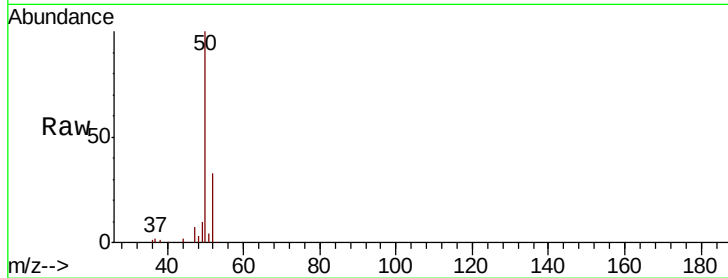
50 100

52 32.5 25.8 38.6

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3/25/2020 10:37:53 AM



#4

Vinyl Chloride

Concen: 44.752 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002041.D

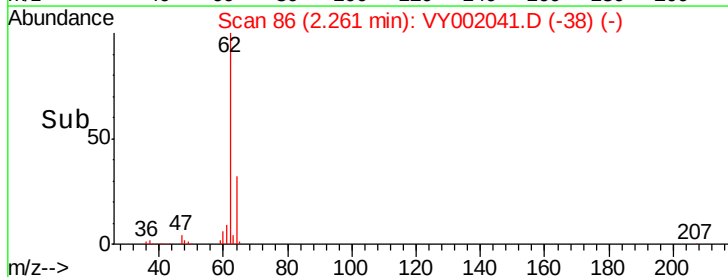
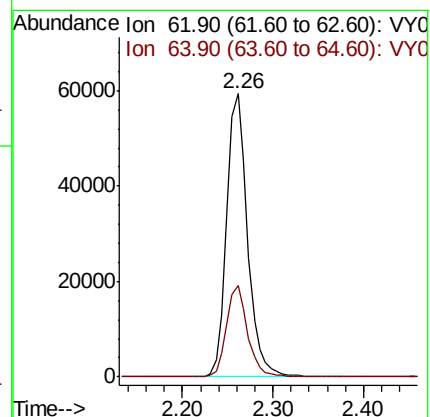
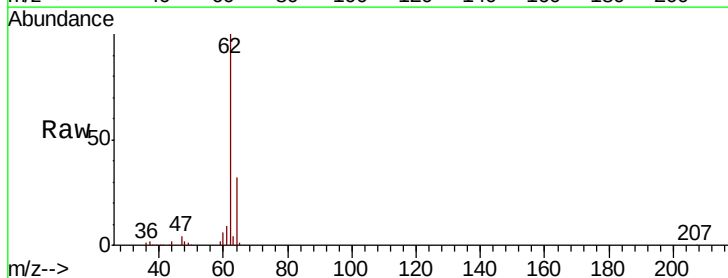
Acq: 24 Mar 2020 10:37

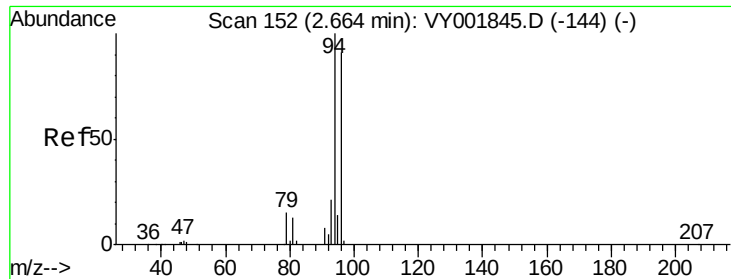
Tgt Ion: 62 Resp: 95614

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 49.487 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 61829

Ion Ratio Lower Upper

94 100

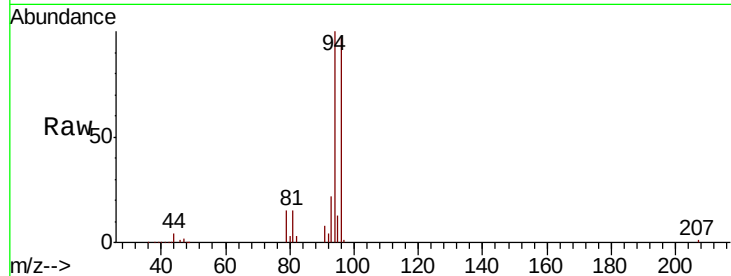
96 97.5 73.2 109.8

Manual Integrations

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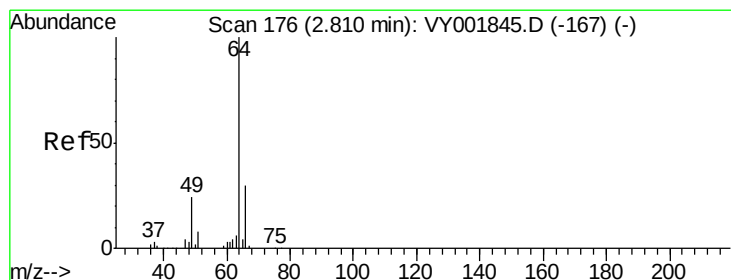
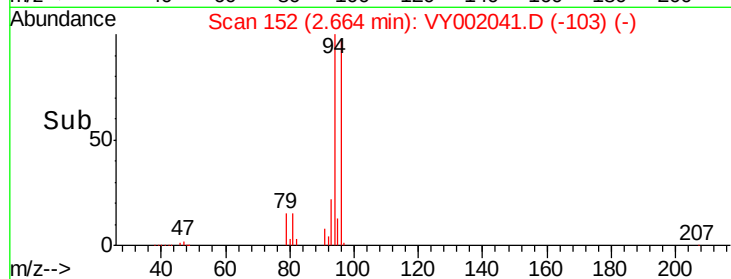
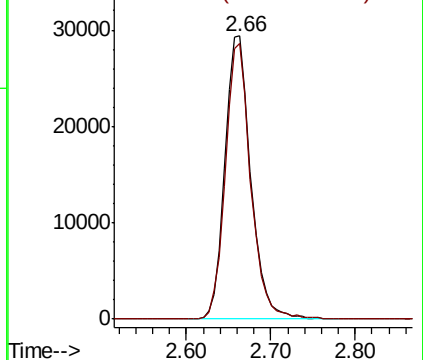
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3/25/2020 10:37:53 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.110 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002041.D

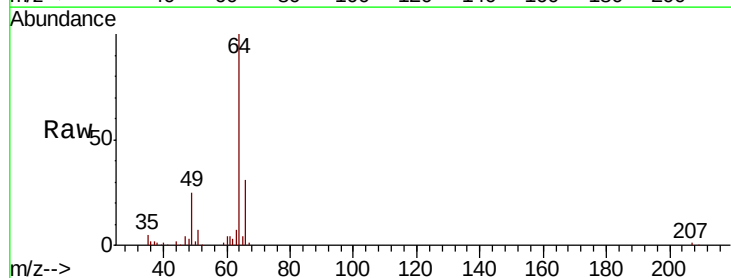
Acq: 24 Mar 2020 10:37

Tgt Ion: 64 Resp: 61885

Ion Ratio Lower Upper

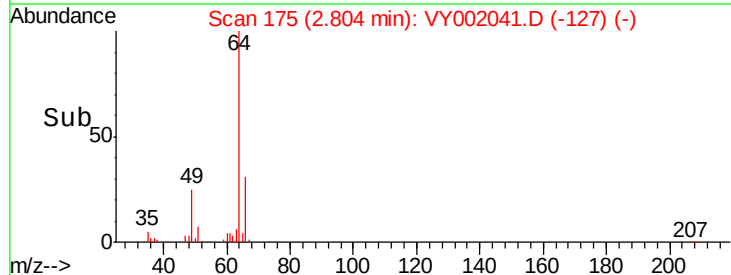
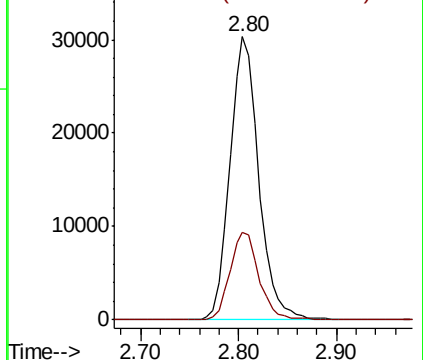
64 100

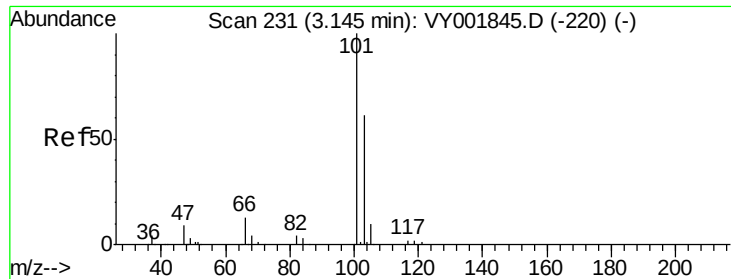
66 30.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

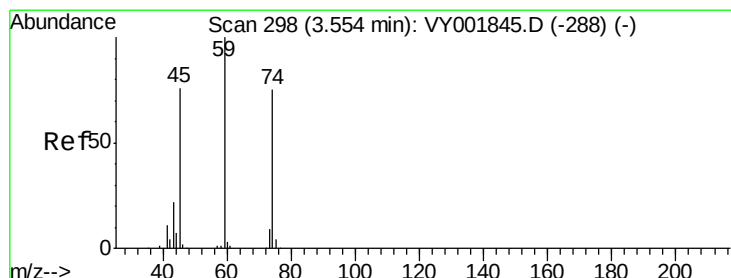
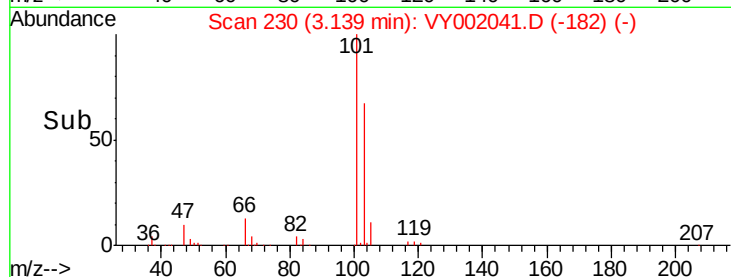
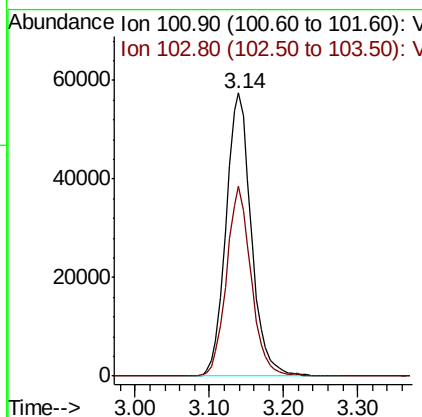
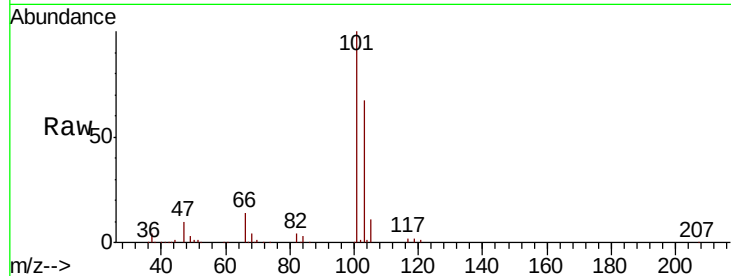
Trichlorofluoromethane
Concen: 47.116 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY002041.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	49.1	73.7

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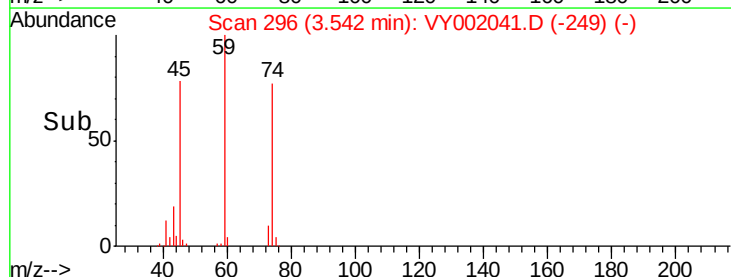
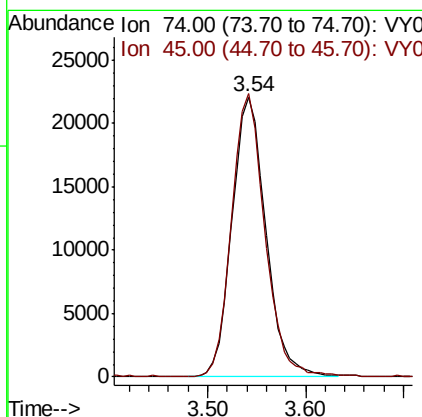
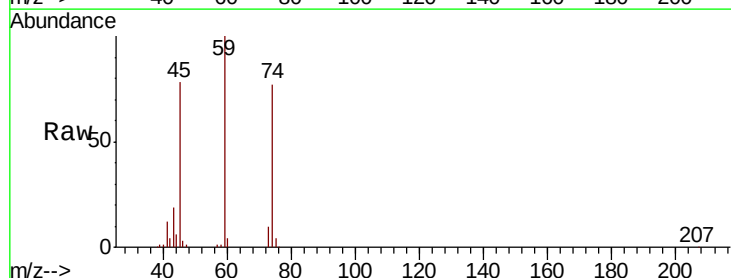
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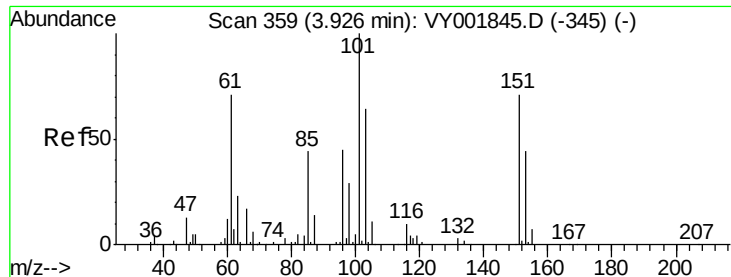


#8

Diethyl Ether
Concen: 46.699 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.395 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002041.D

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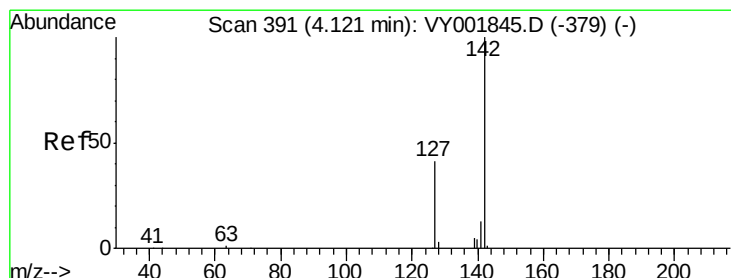
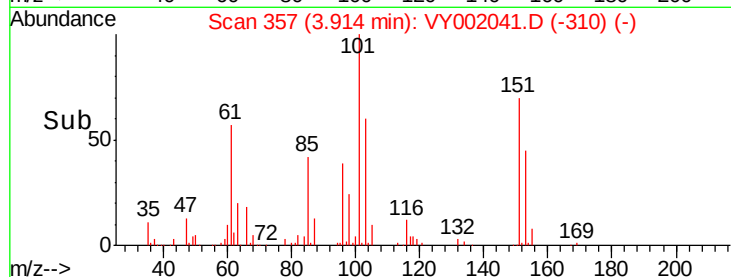
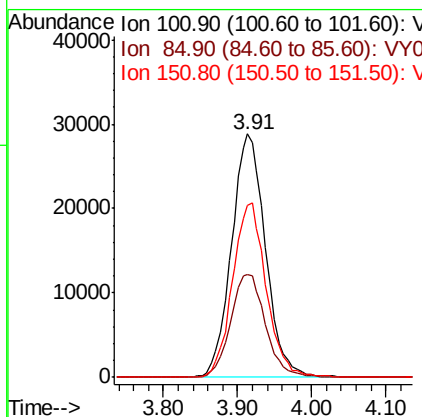
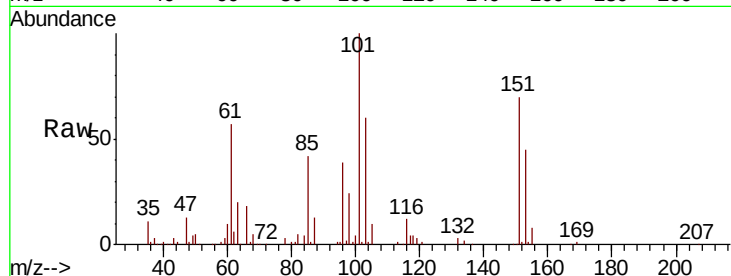
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	92056
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.3	52.9
151	71.3	57.0	85.4

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#10

Methyl Iodide

Concen: 50.908 ug/l

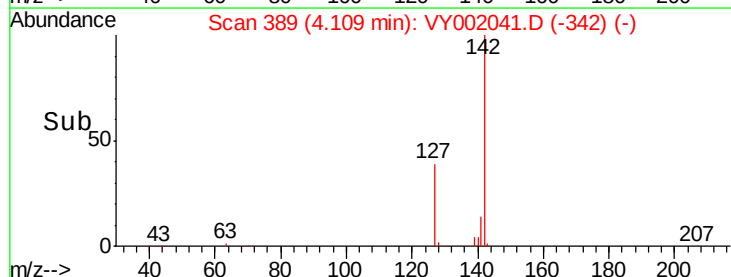
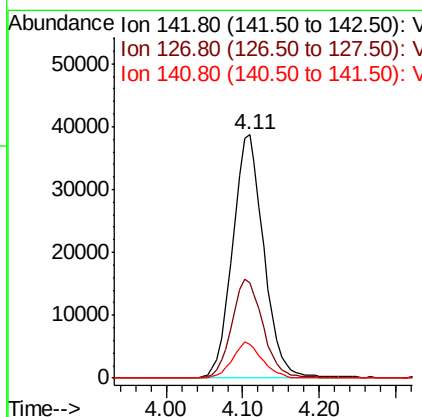
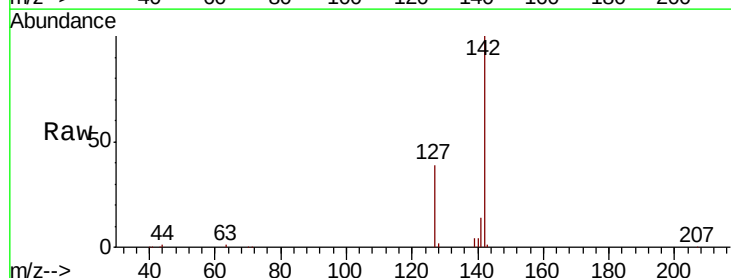
RT: 4.11 min Scan# 389

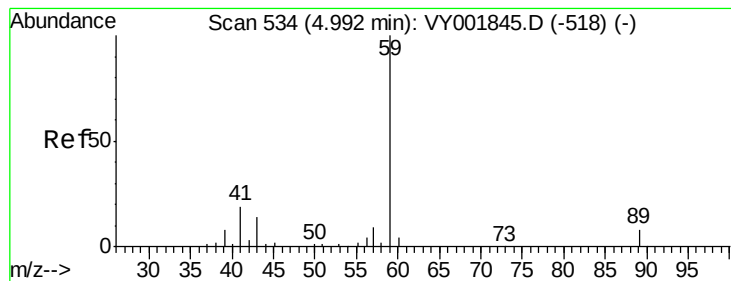
Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	142	Resp:	109718
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.7	49.1
141	14.0	11.0	16.6





#11

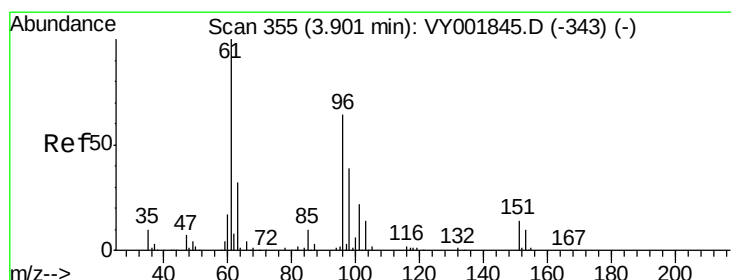
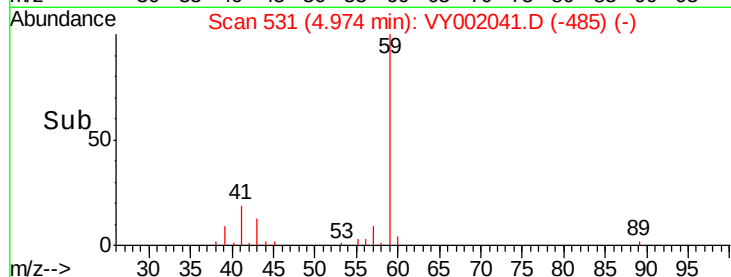
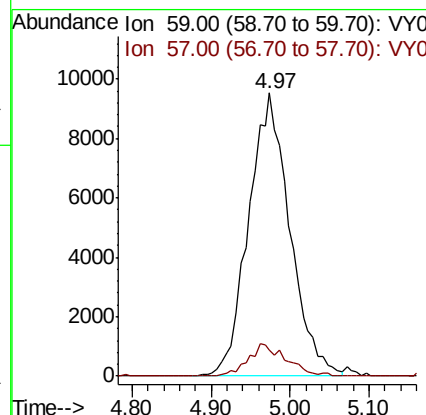
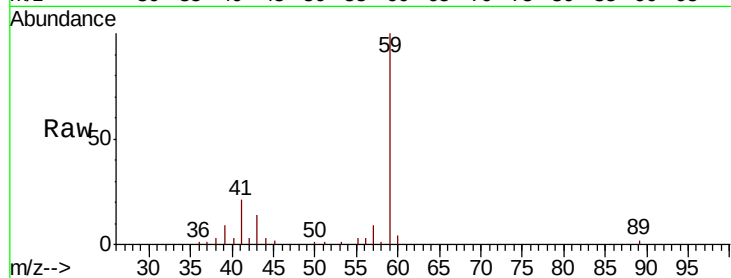
Tert butyl alcohol
 Concen: 177.570 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	34522
Ion Ratio	100	Lower	Upper
57	10.3	7.4	11.2

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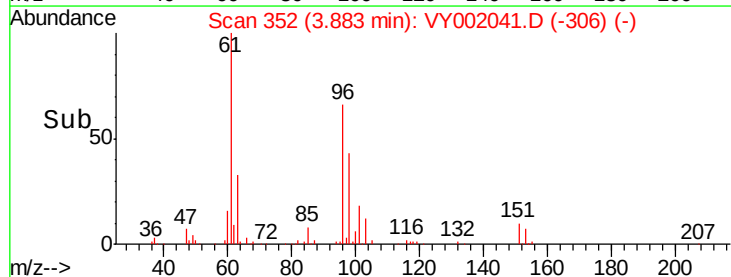
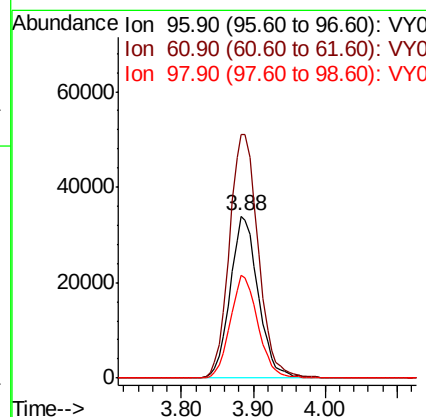
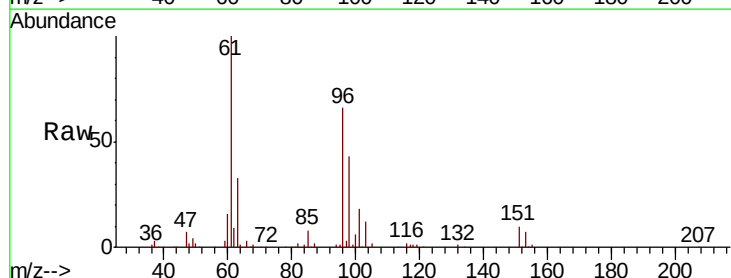
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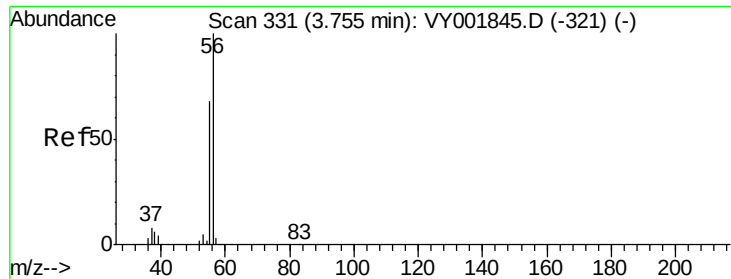


#12

1,1-Dichloroethene
 Concen: 48.987 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion	96	Resp	91925
Ion Ratio	100	Lower	Upper
61	150.4	124.8	187.2
98	64.0	49.2	73.8





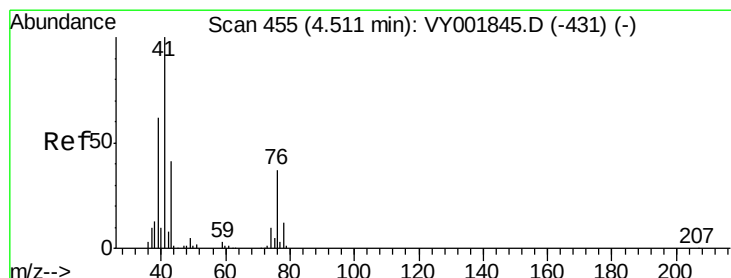
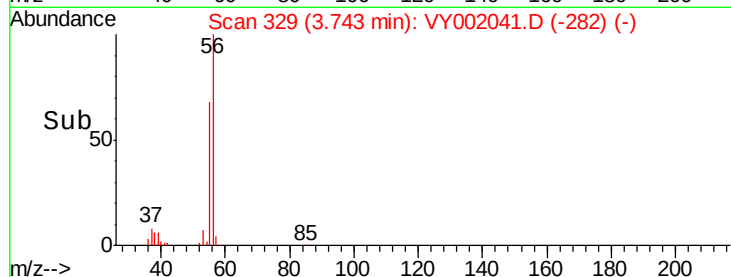
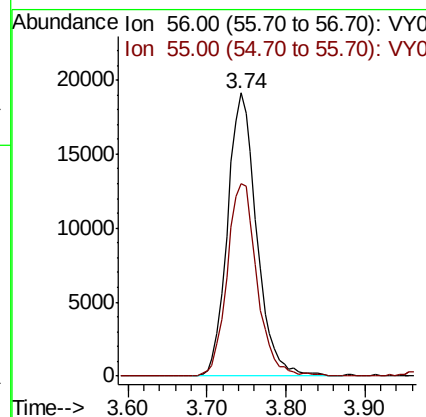
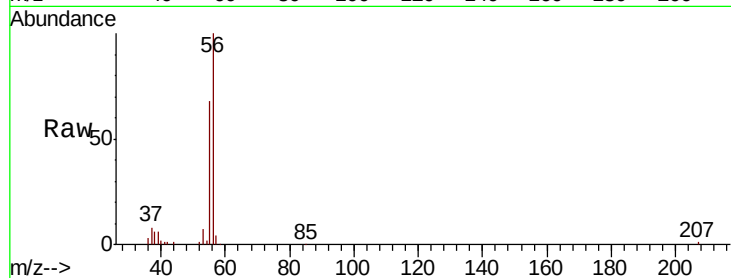
#13
Acrolein
Concen: 194.188 ug/l
RT: 3.74 min Scan# 329
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	54.0	81.0

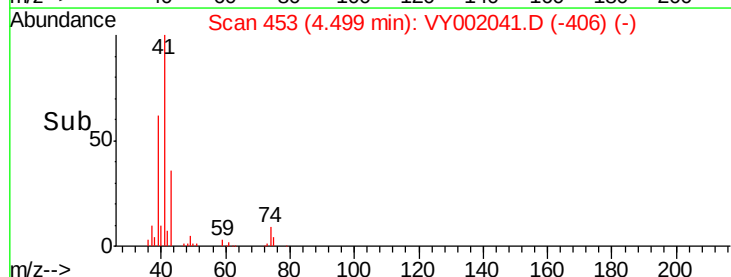
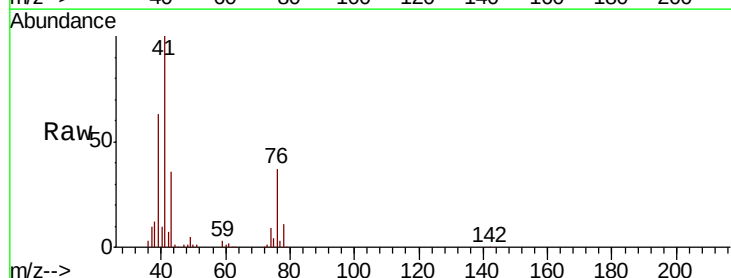
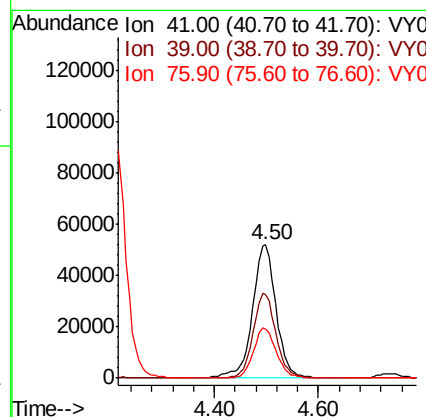
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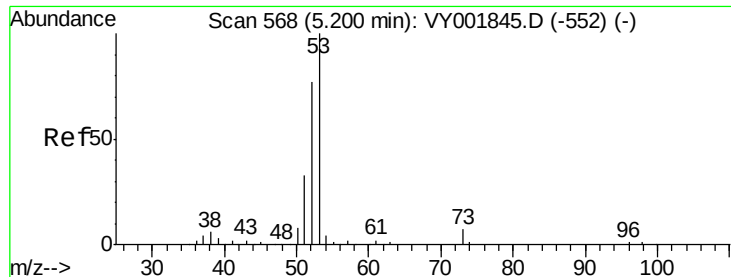
apatel
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#14
Allyl chloride
Concen: 49.110 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.5	49.0	73.6
76	36.3	28.9	43.3





#15

Acrylonitrile

Concen: 223.805 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

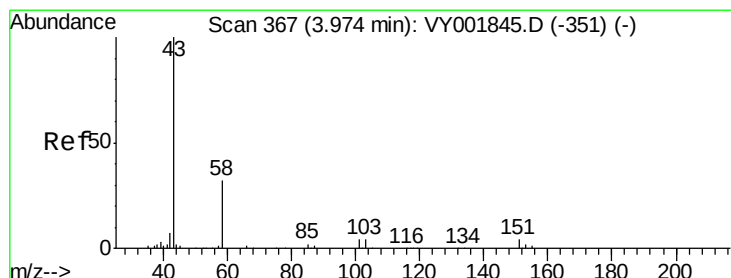
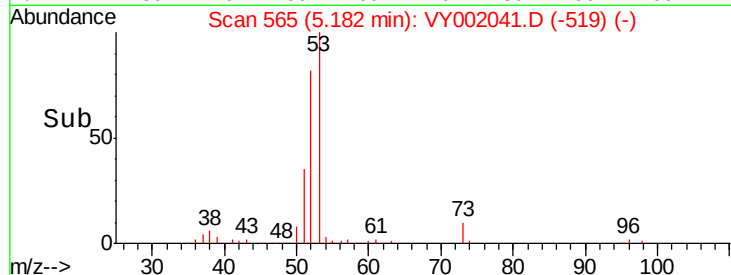
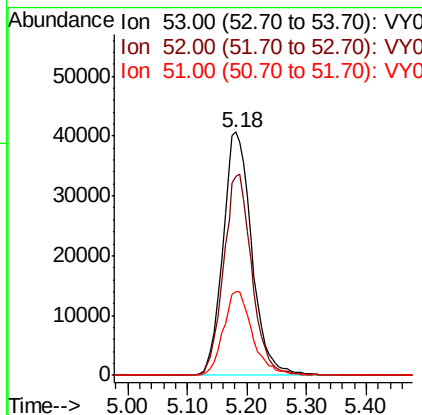
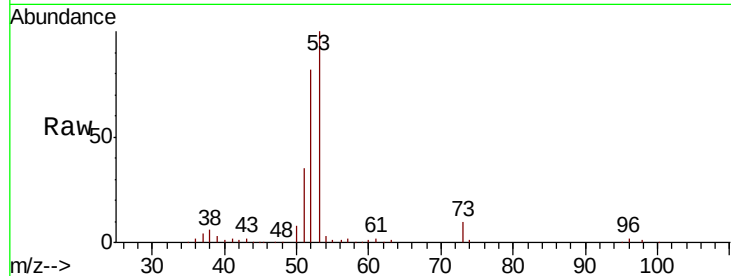
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	136577
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.1	97.7
51	34.9	27.5	41.3

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#16

Acetone

Concen: 291.150 ug/l

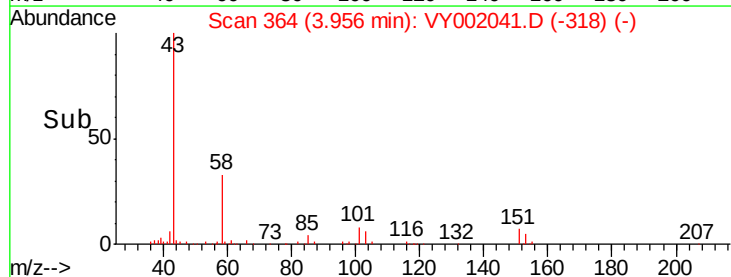
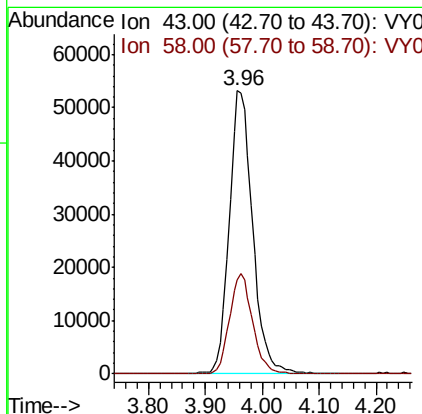
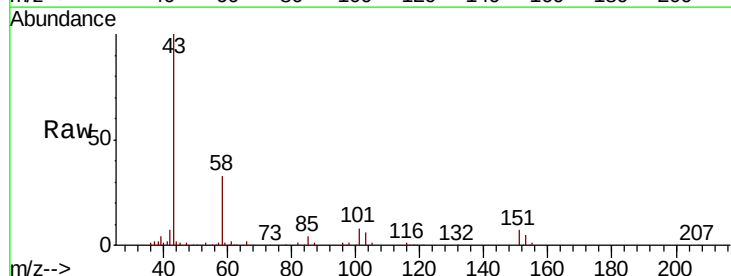
RT: 3.96 min Scan# 364

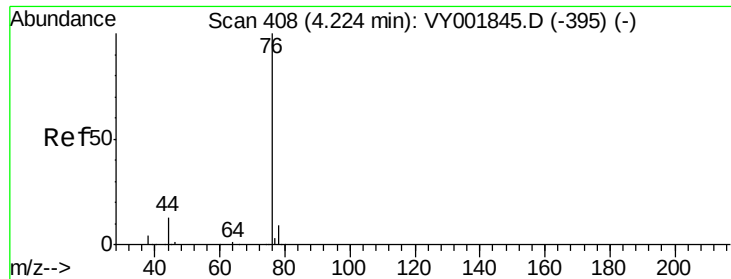
Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	43	Resp:	152795
Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.9	38.9





#17

Carbon Disulfide

Concen: 42.733 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 269563

Ion Ratio Lower Upper

76 100

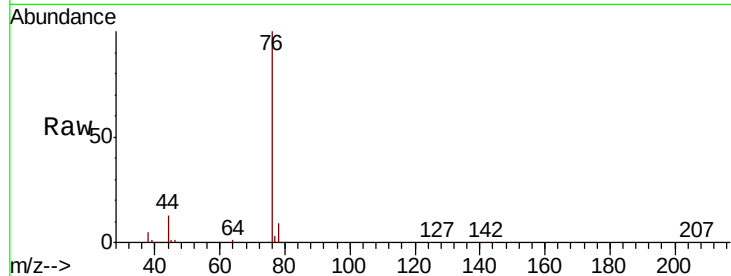
78 8.9 7.4 11.2

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

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

4.21

100000

80000

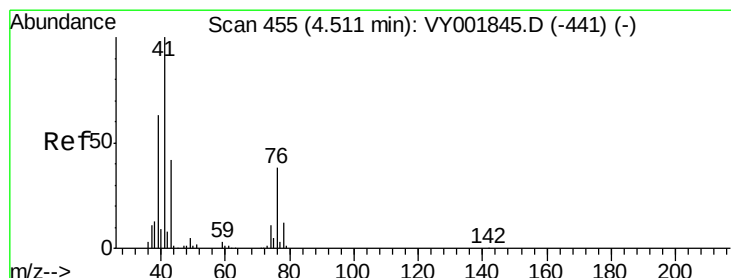
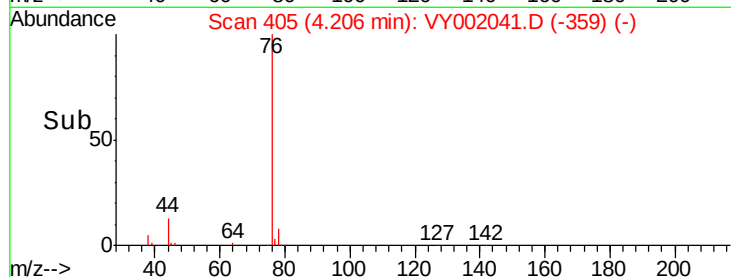
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 42.911 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002041.D

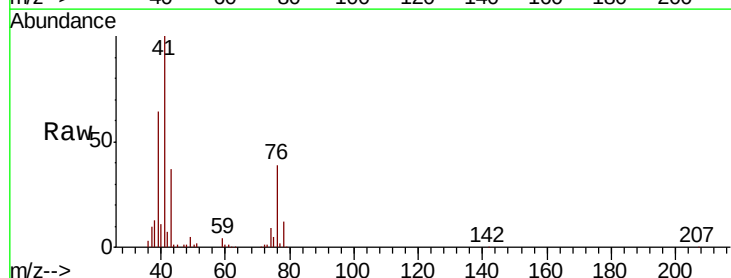
Acq: 24 Mar 2020 10:37

Tgt Ion: 43 Resp: 57862

Ion Ratio Lower Upper

43 100

74 24.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.30): VY001845.D (-441) (-)

Ion 74.00 (73.70 to 74.30): VY001845.D (-441) (-)

4.49

20000

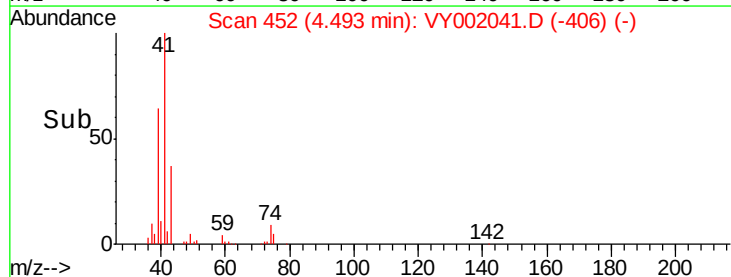
15000

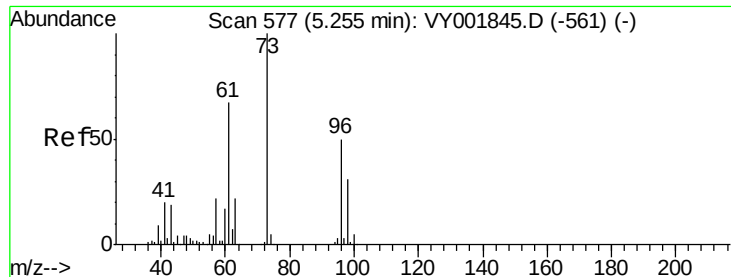
10000

5000

0

Time-->





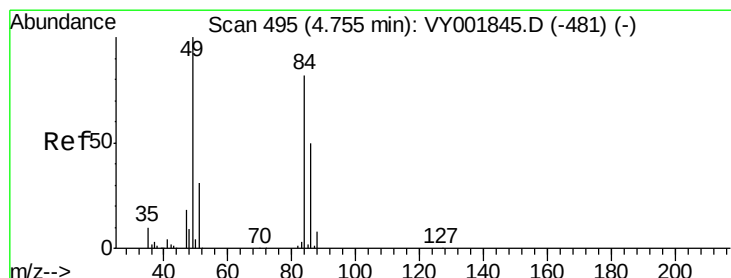
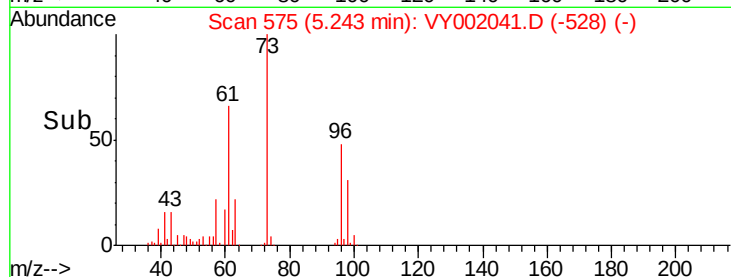
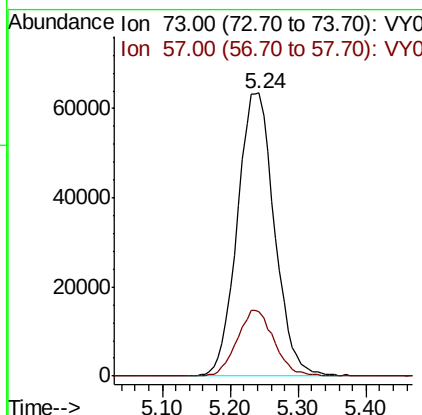
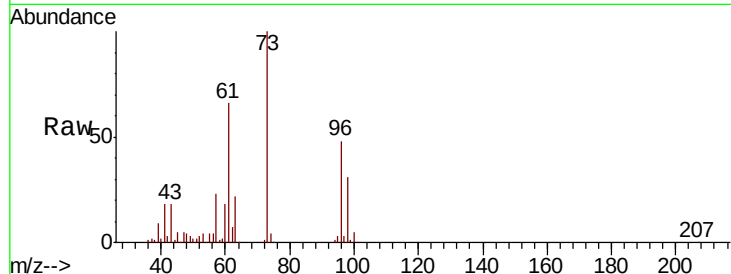
#19
Methyl tert-butyl Ether
Concen: 47.460 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 241344
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

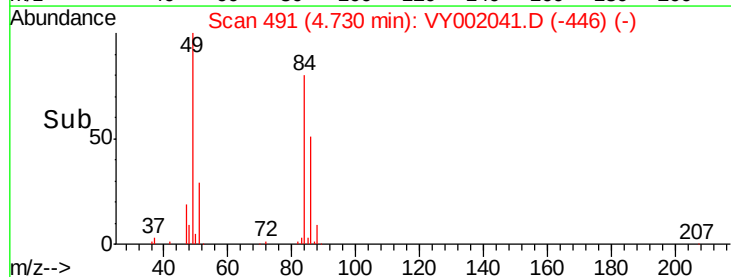
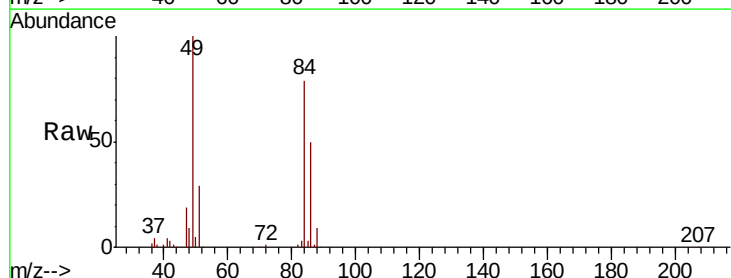
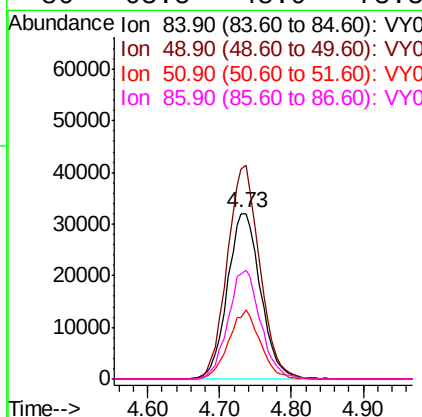
Manual Integrations
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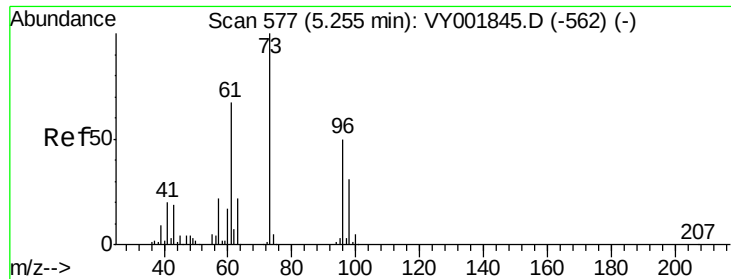
apatel
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#20
Methylene Chloride
Concen: 45.634 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion: 84 Resp: 102639
Ion Ratio Lower Upper
84 100
49 127.2 98.2 147.2
51 37.0 30.2 45.2
86 63.5 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 47.872 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

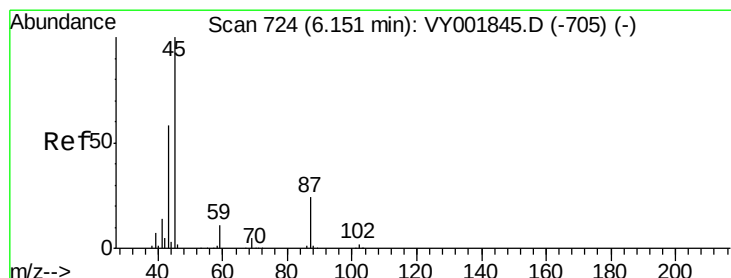
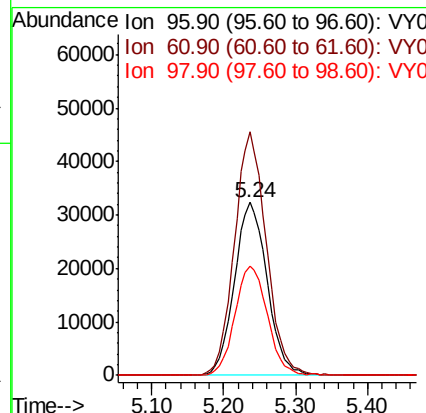
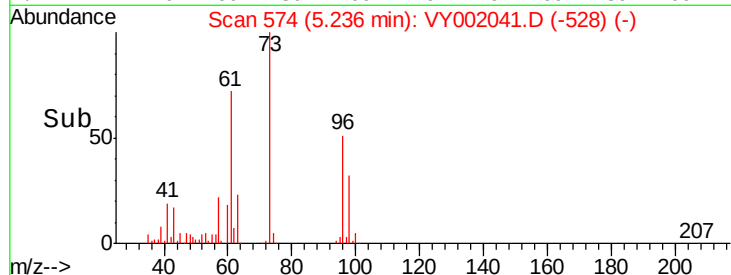
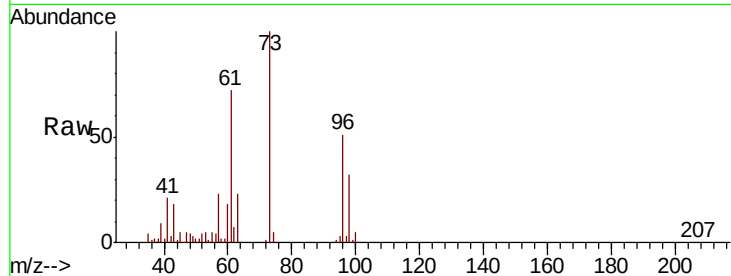
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	101962
Ion	Ratio	Lower	Upper
96	100		
61	140.9	107.7	161.5
98	63.2	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.423 ug/l

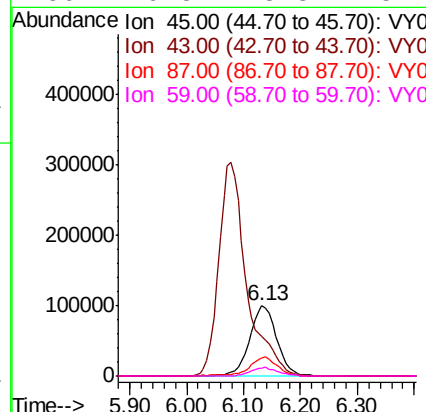
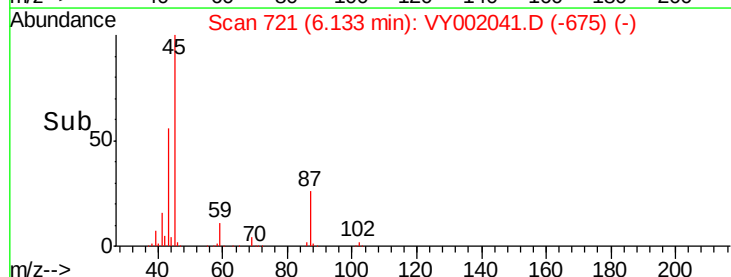
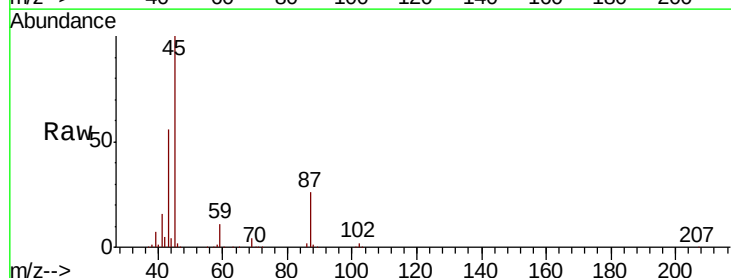
RT: 6.13 min Scan# 721

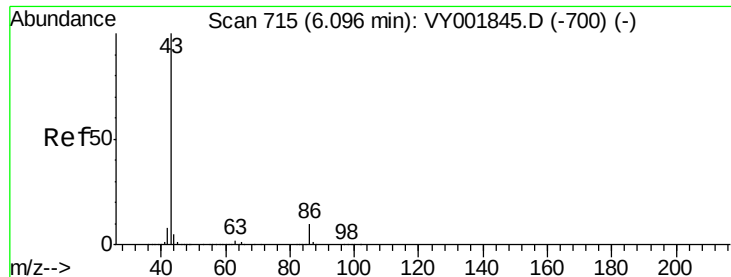
Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	45	Resp:	330202
Ion	Ratio	Lower	Upper
45	100		
43	55.9	47.2	70.8
87	26.0	19.8	29.8
59	10.8	8.8	13.2





#23

Vinyl Acetate

Concen: 230.861 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1032042

Ion Ratio Lower Upper

43 100

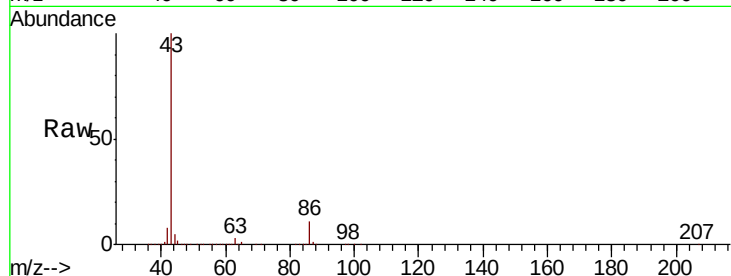
86 10.7 7.8 11.8

Manual Integrations

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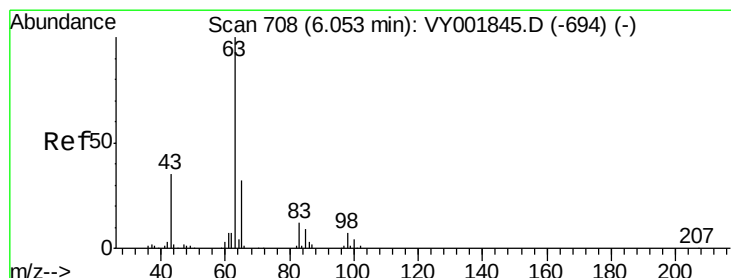
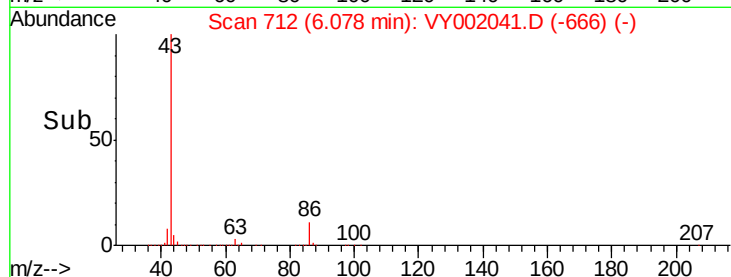
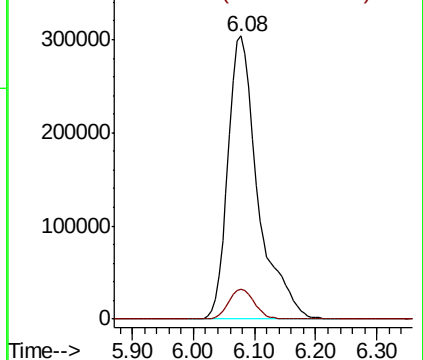
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.113 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

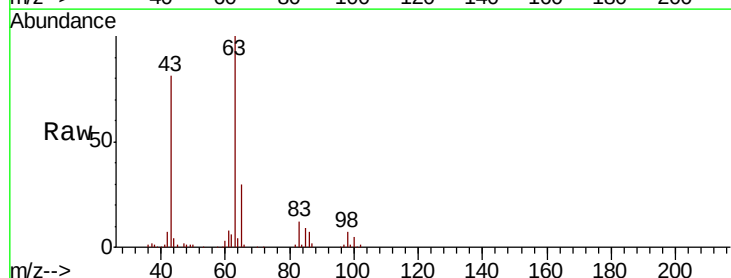
Tgt Ion: 63 Resp: 181363

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

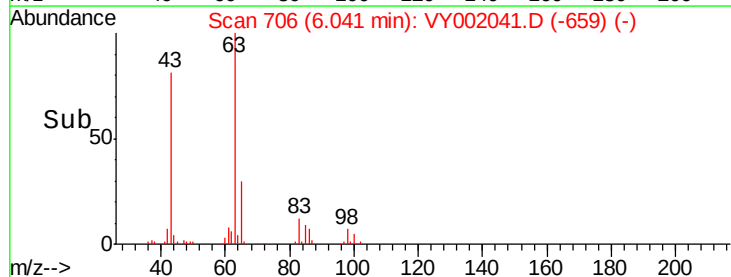
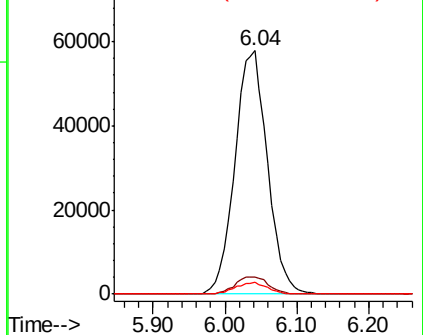
100 4.8 2.0 6.0

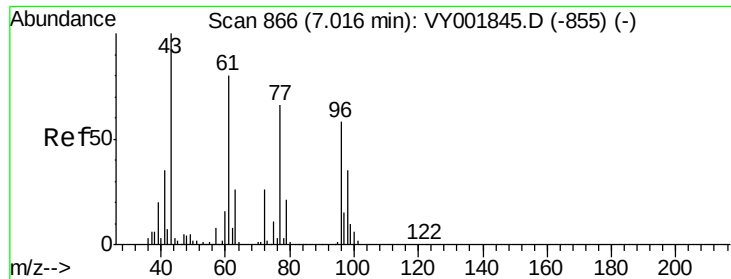


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





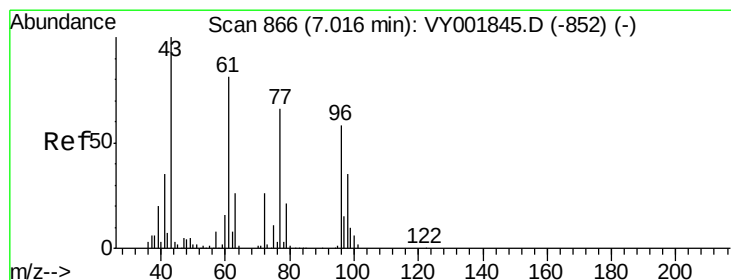
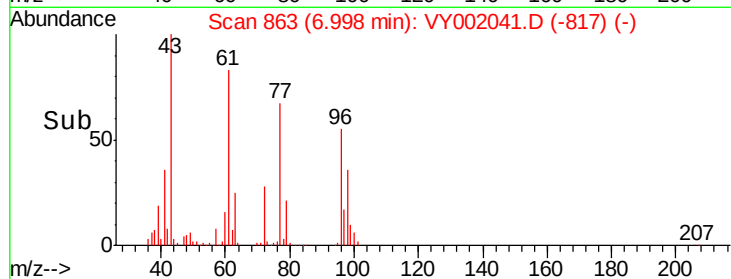
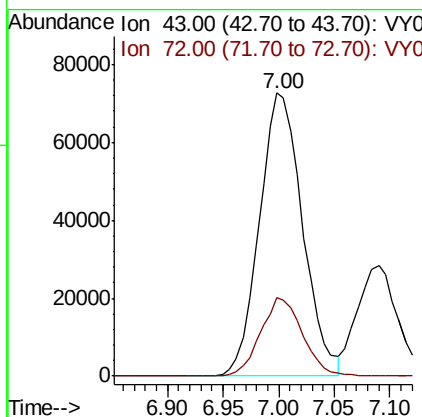
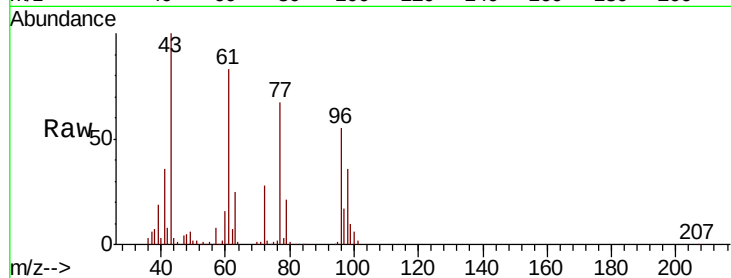
#25
 2-Butanone
 Concen: 245.763 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 196137
 Ion Ratio Lower Upper
 43 100
 72 27.7 20.9 31.3

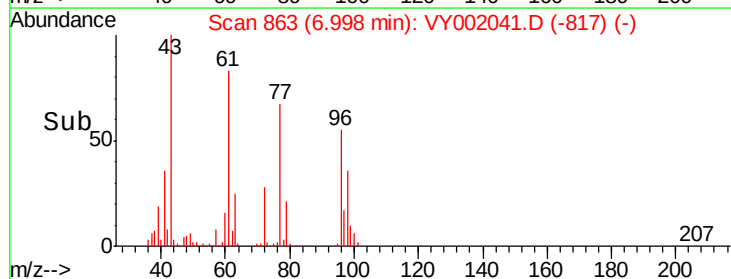
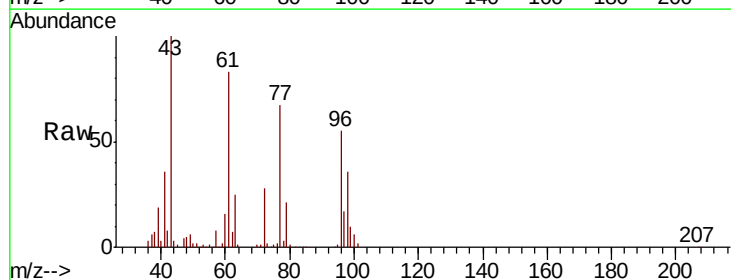
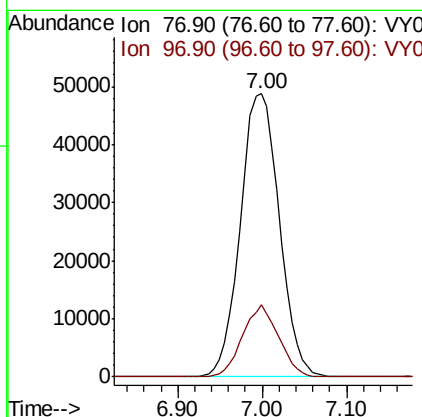
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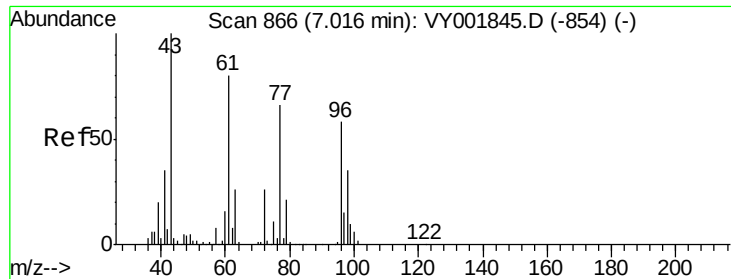
apatel
 3/25/2020 10:37:53 AM



#26
 2,2-Dichloropropane
 Concen: 50.471 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion: 77 Resp: 152973
 Ion Ratio Lower Upper
 77 100
 97 23.6 11.9 35.7





#27

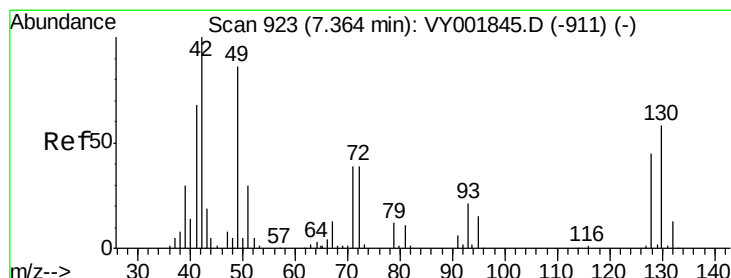
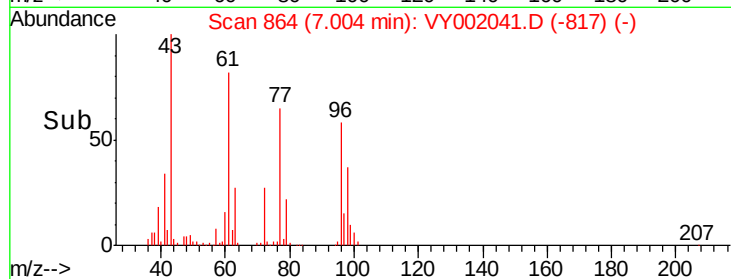
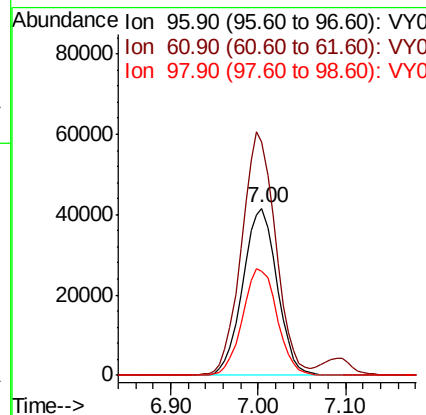
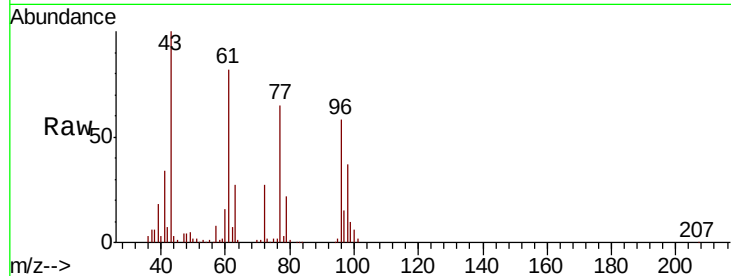
cis-1,2-Dichloroethene
Concen: 49.016 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.6	0.0	288.2	
98	64.3	0.0	129.0	

Manual Integrations
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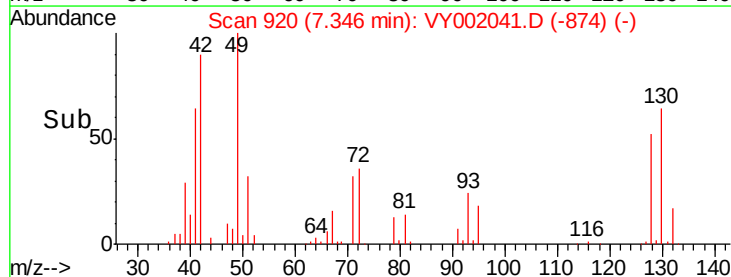
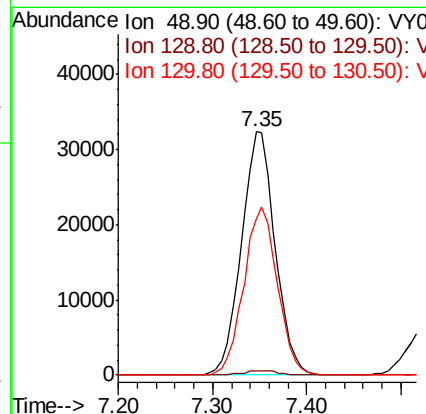
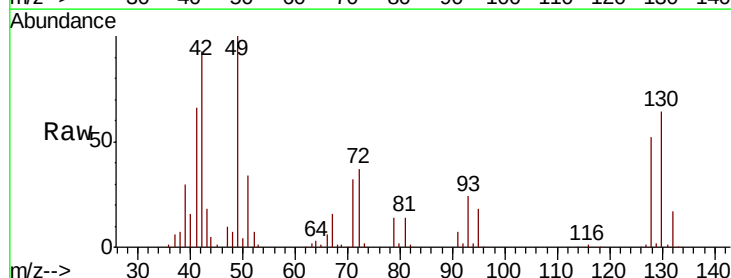
apatel
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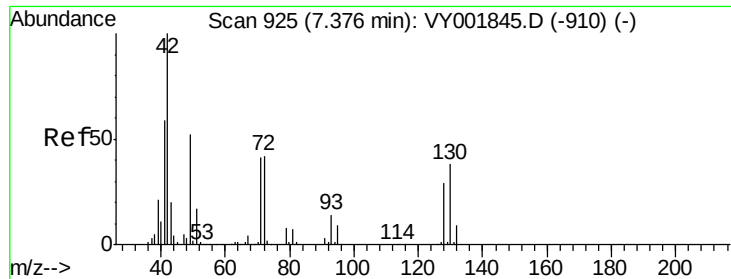


#28

Bromochloromethane
Concen: 48.480 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	69.0	54.4	81.6	





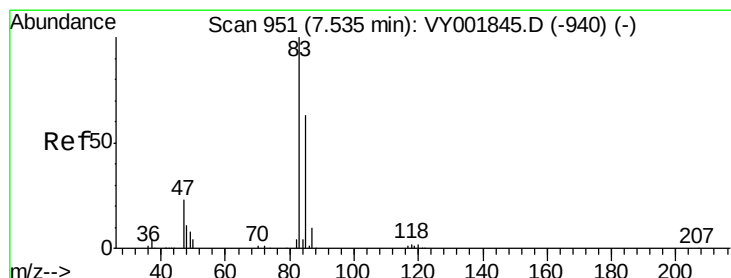
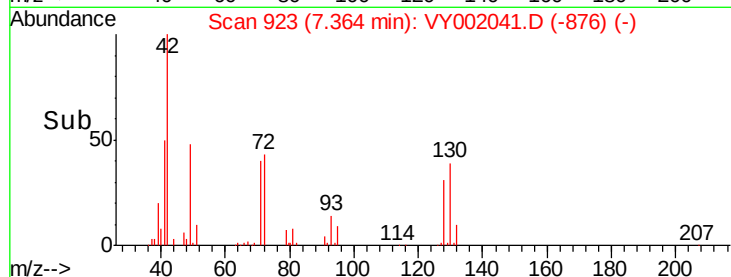
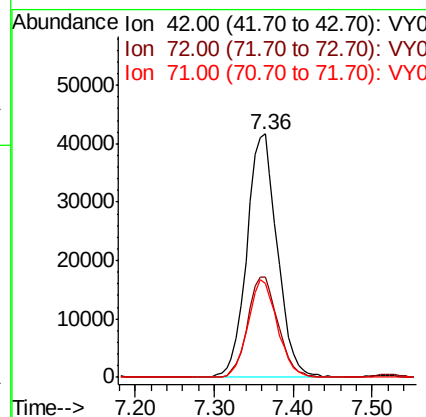
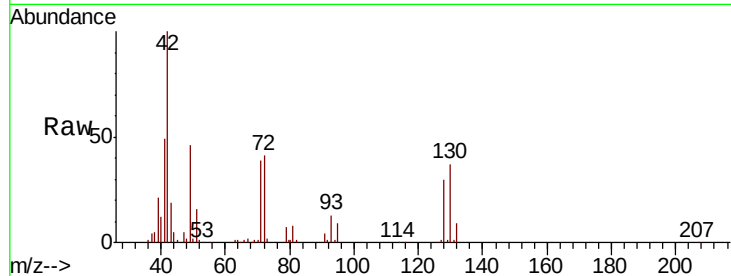
#29
Tetrahydrofuran
Concen: 210.704 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.5	50.3
71	38.5	31.3	46.9

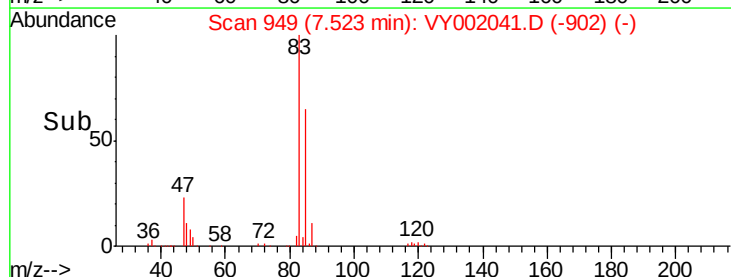
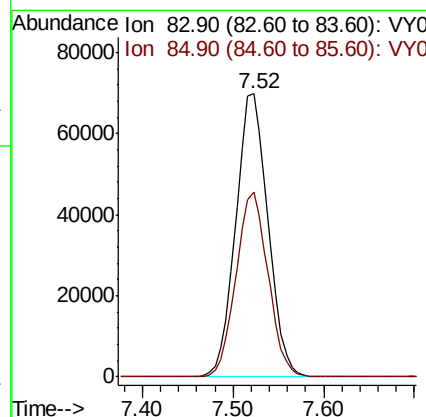
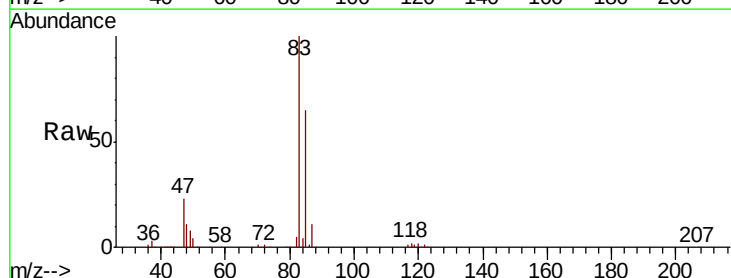
Manual Integrations
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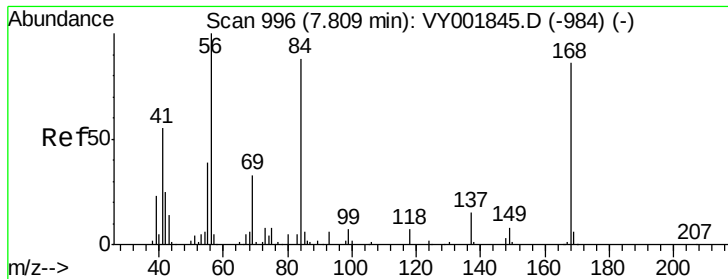
apatel
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#30
Chloroform
Concen: 49.709 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





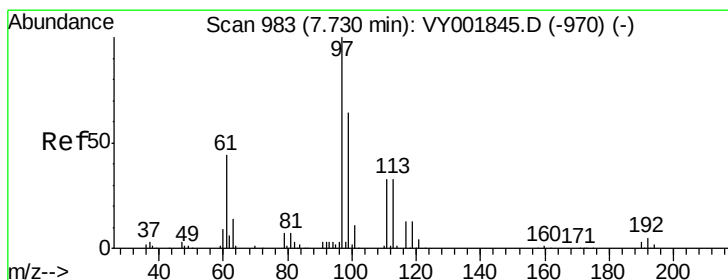
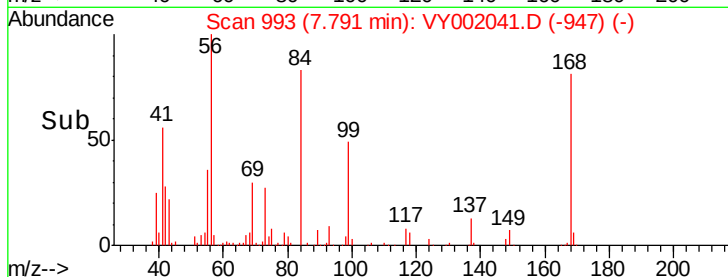
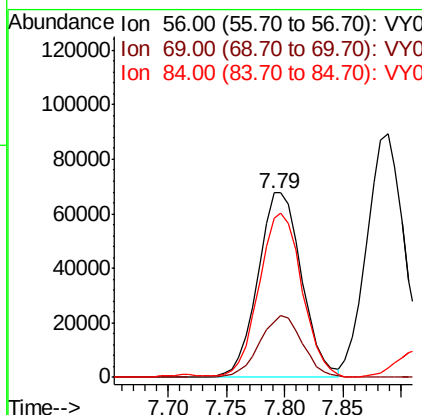
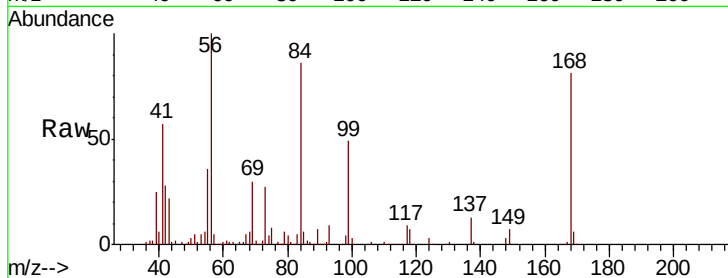
#31
Cyclohexane
Concen: 44.549 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	26.7	40.1
84	85.1	70.4	105.6

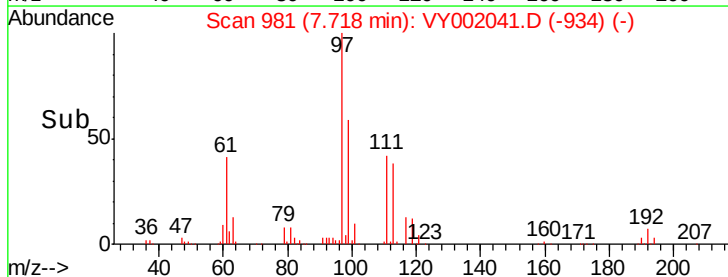
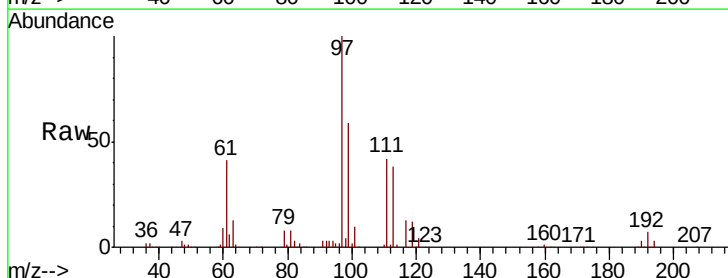
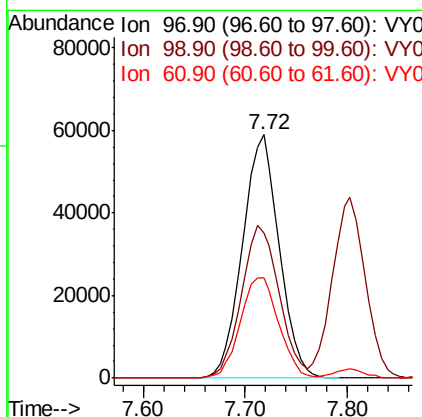
Manual Integrations
APPROVED

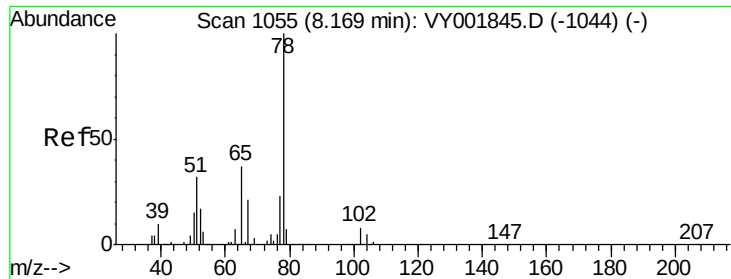
apatel
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#32
1,1,1-Trichloroethane
Concen: 50.531 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	43.4	35.0	52.4





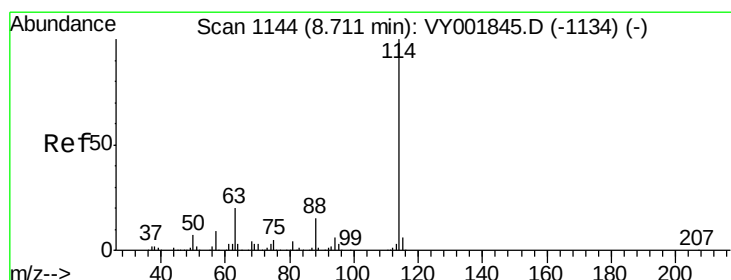
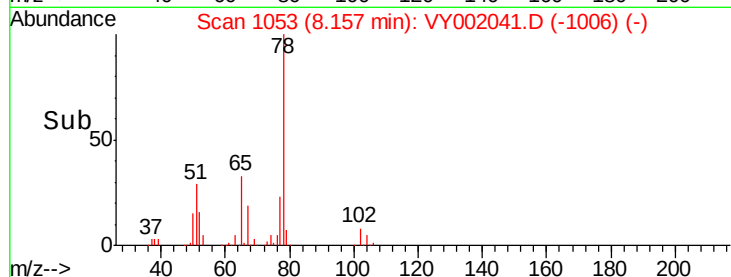
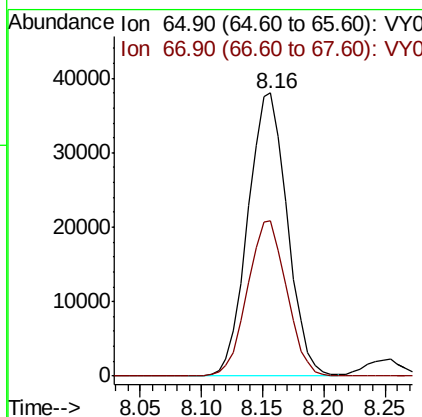
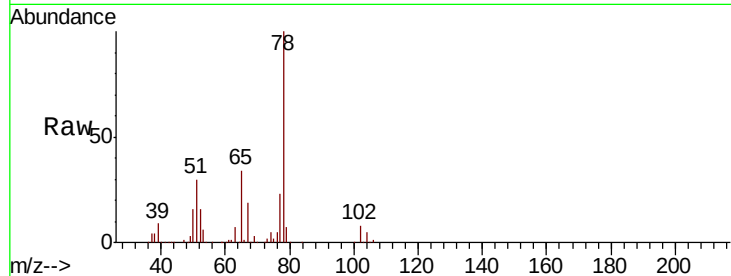
#33
 1,2-Dichloroethane-d4
 Concen: 47.284 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.8

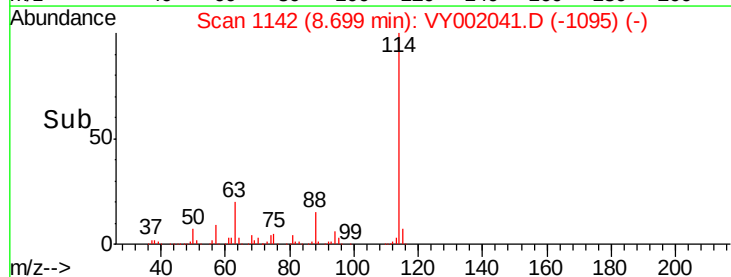
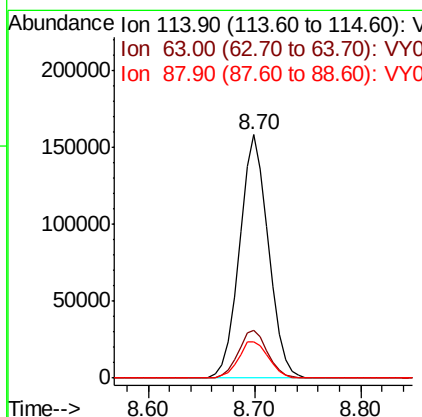
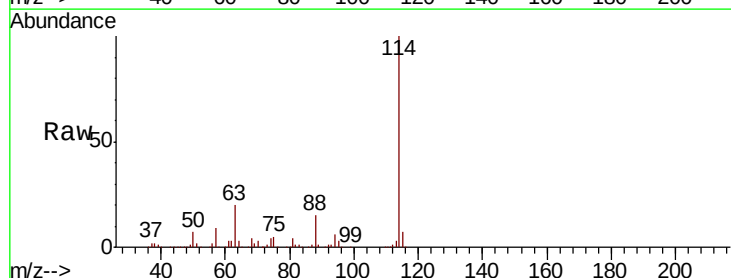
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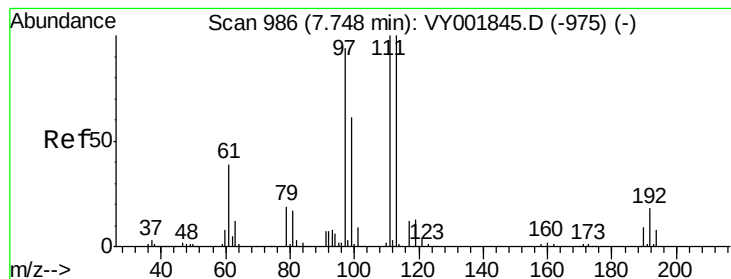
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.4
88	14.9	0.0	30.4





#35

Dibromofluoromethane

Concen: 51.481 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

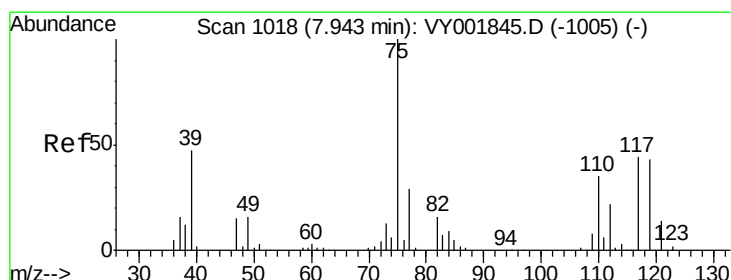
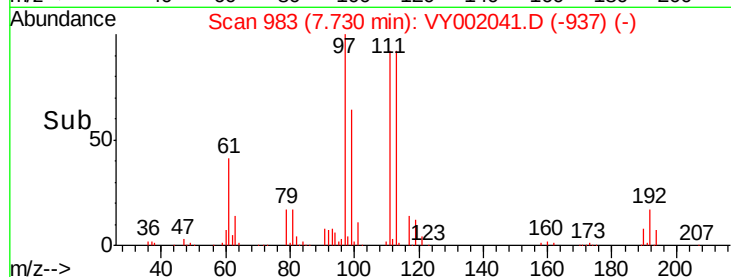
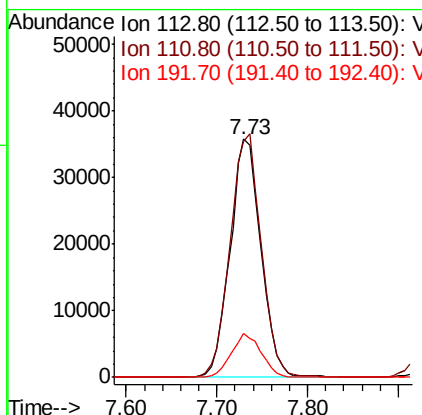
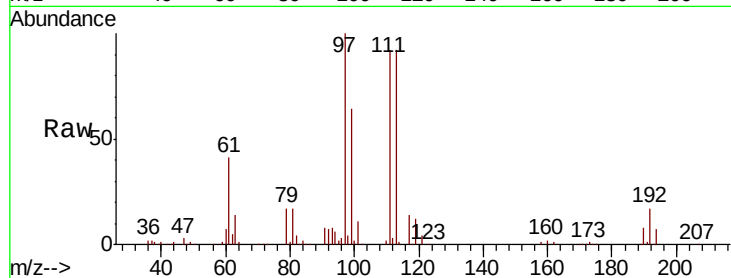
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	84336
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.8
192	17.9	14.2	21.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.254 ug/l

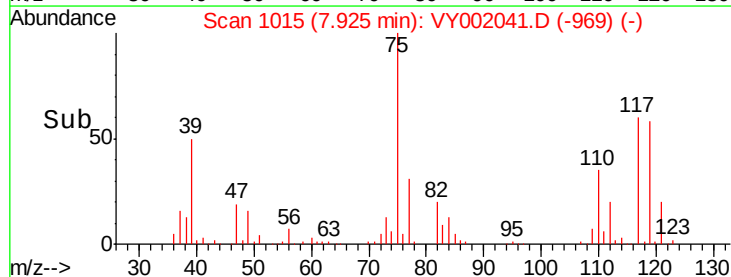
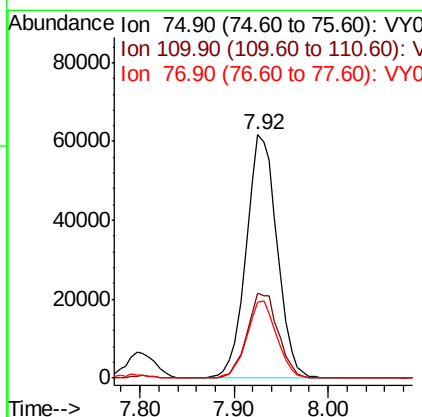
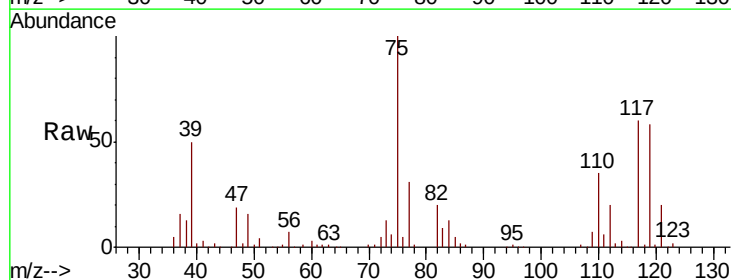
RT: 7.92 min Scan# 1015

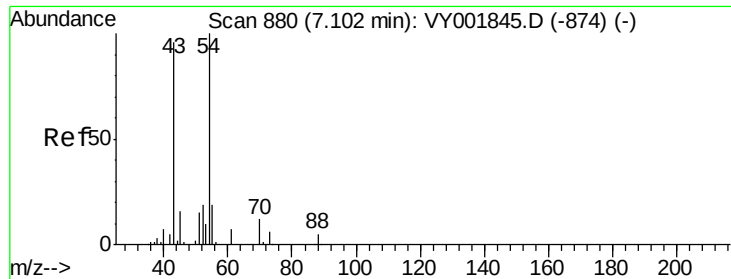
Delta R.T. -0.02 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	75	Resp:	142196
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.4	52.2
77	30.8	24.2	36.2





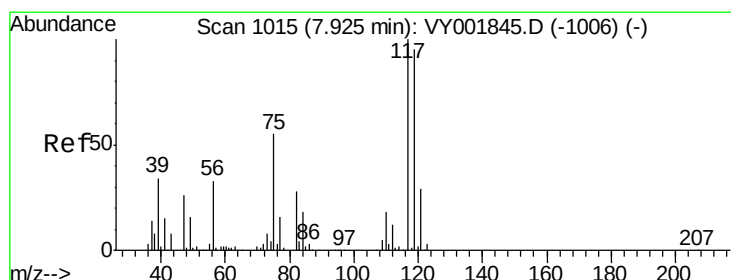
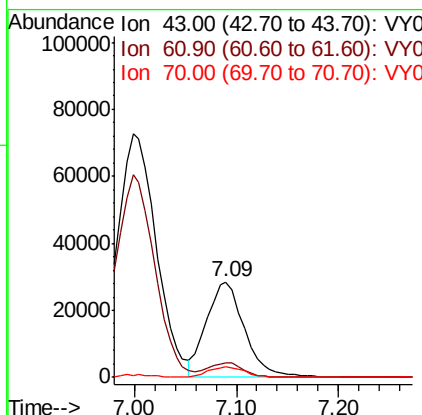
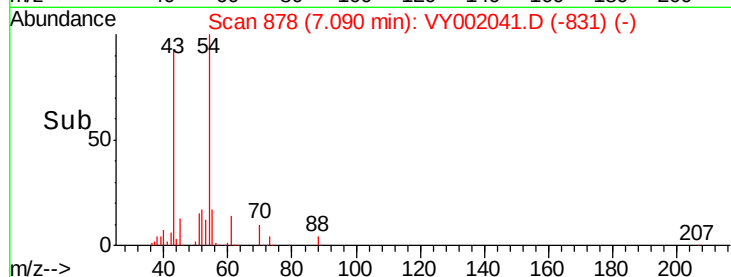
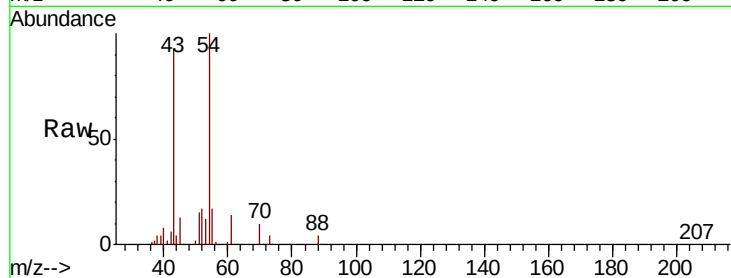
#37
Ethyl Acetate
Concen: 43.779 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.6	8.2	12.4

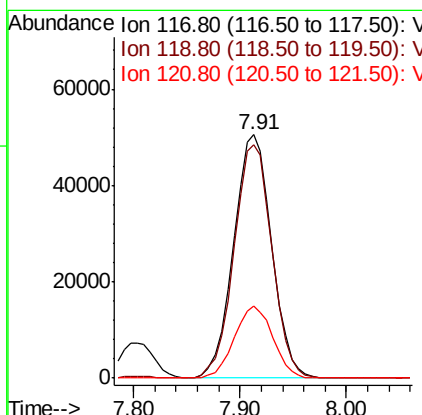
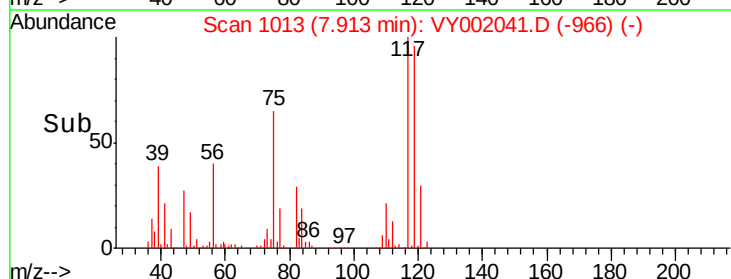
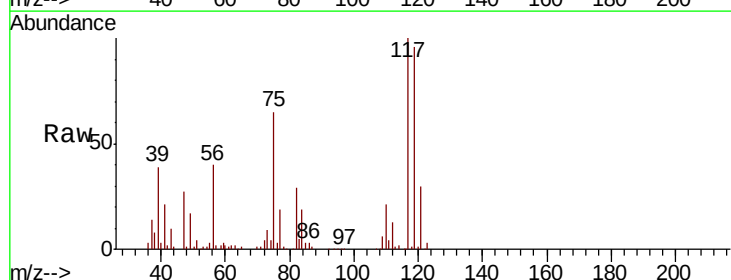
Manual Integrations
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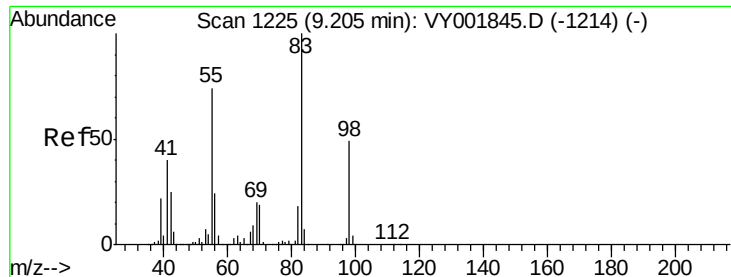
apatel
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#38
Carbon Tetrachloride
Concen: 51.234 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	29.8	23.5	35.3





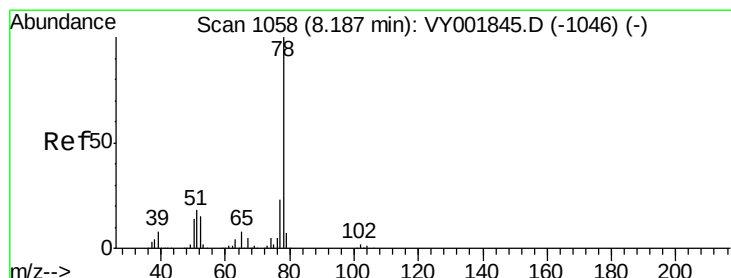
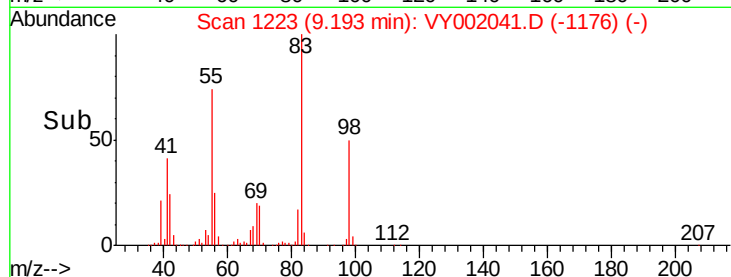
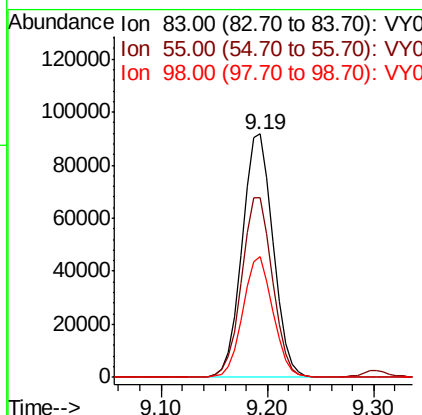
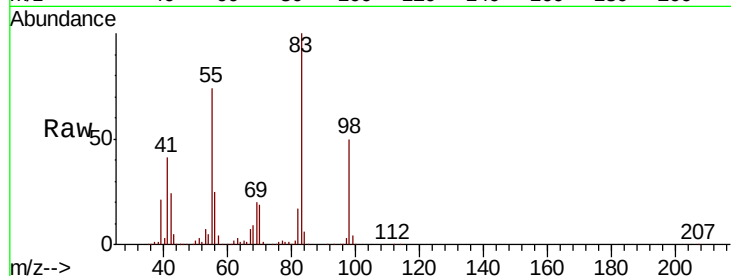
#39
Methylvlcyclohexane
Concen: 49.012 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.9	59.4	89.0	
98	49.6	38.9	58.3	

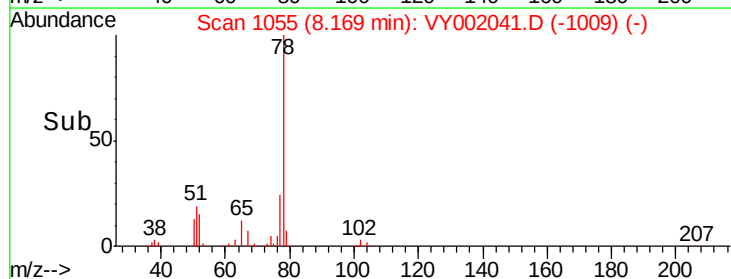
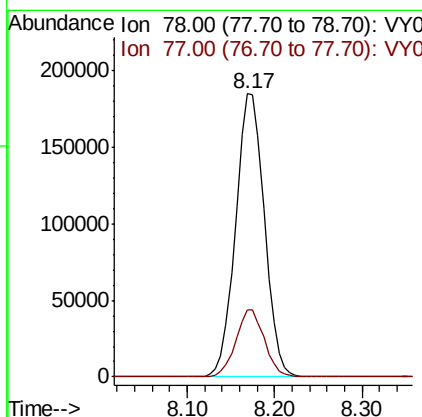
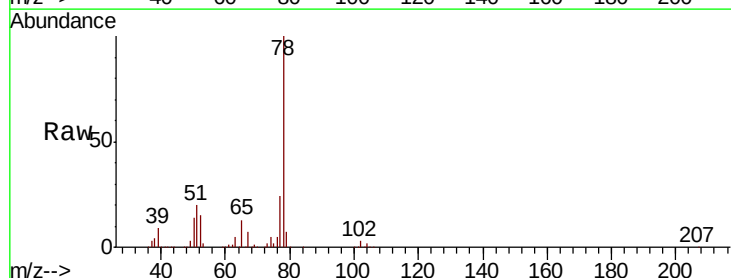
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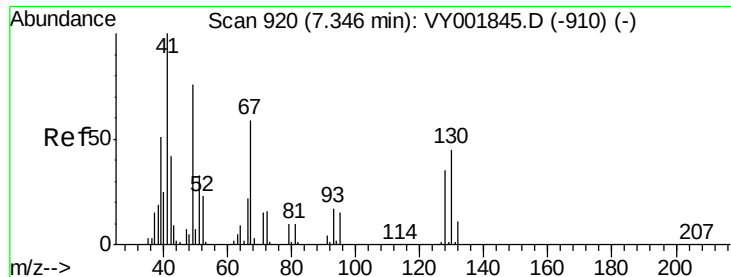
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#40
Benzene
Concen: 49.373 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.7	28.1	





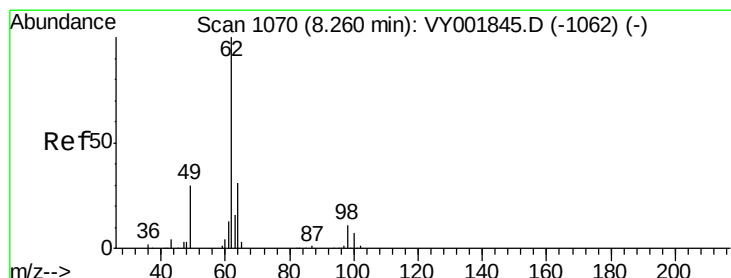
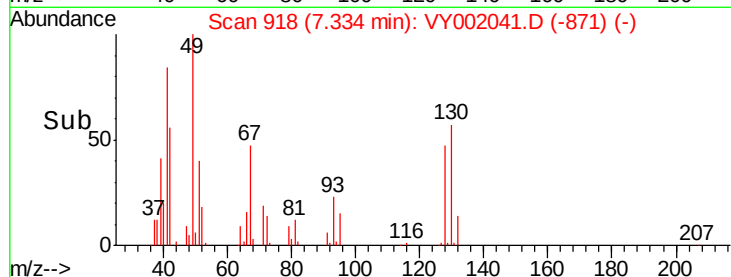
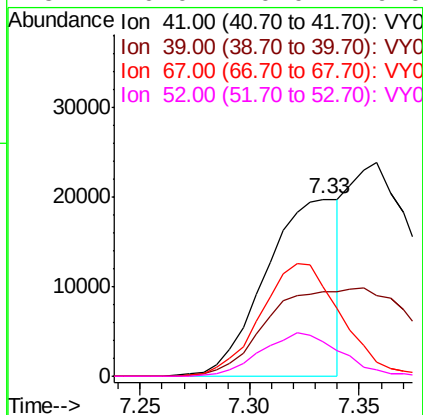
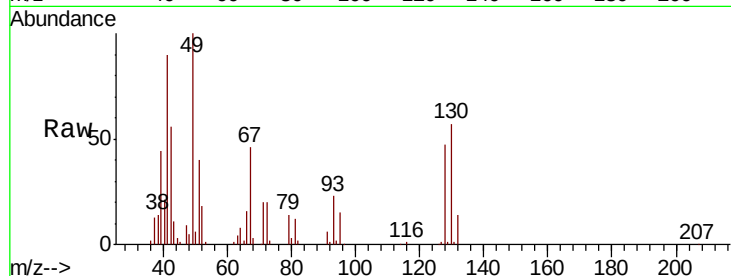
#41
Methacrylonitrile
Concen: 60.733 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	45862
Ion	Ratio	Lower	Upper
41	100		
39	97.3	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

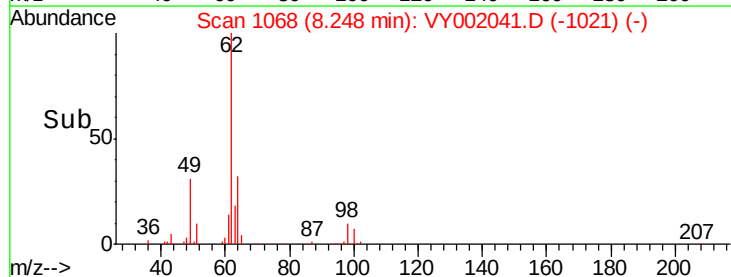
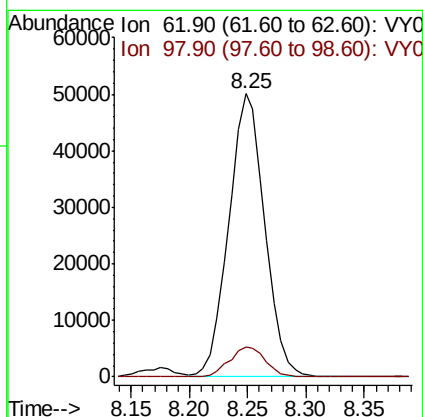
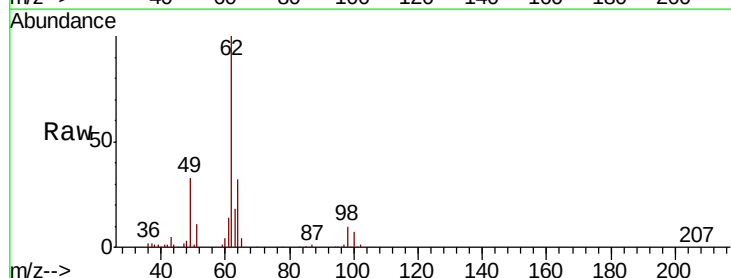
Manual Integrations
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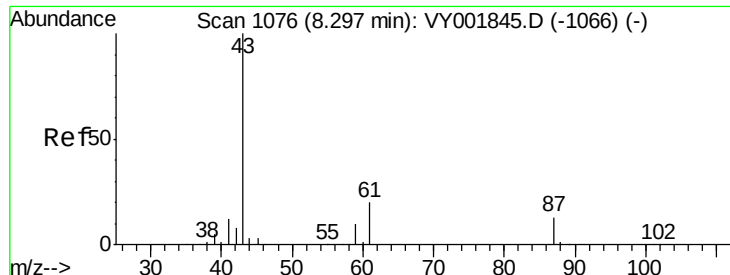
apatel
3/25/2020 10:37:53 AM



#42
1,2-Dichloroethane
Concen: 48.749 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	62	Resp	107492
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4





#43

Isopropyl Acetate

Concen: 45.537 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

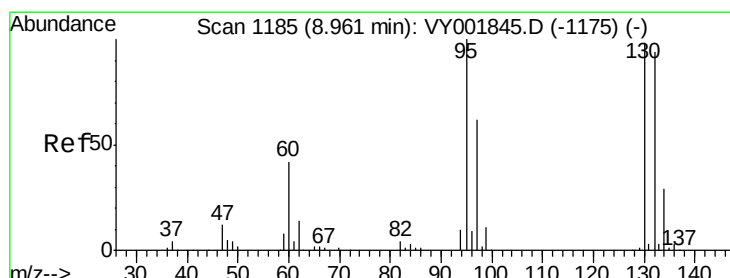
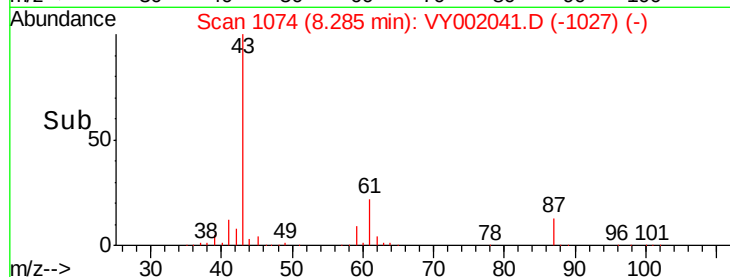
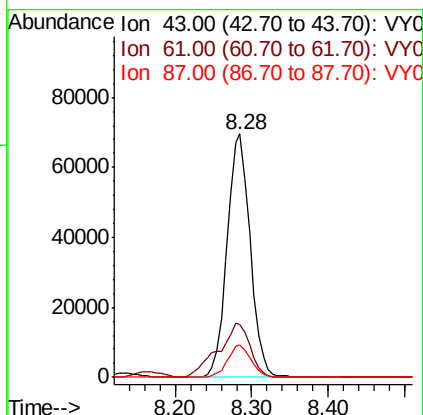
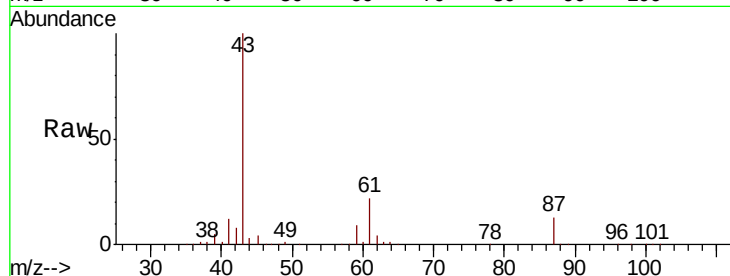
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	144664
Ion	Ratio	Lower	Upper
43	100		
61	30.8	23.8	35.6
87	13.4	10.9	16.3

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#44

Trichloroethene

Concen: 49.674 ug/l

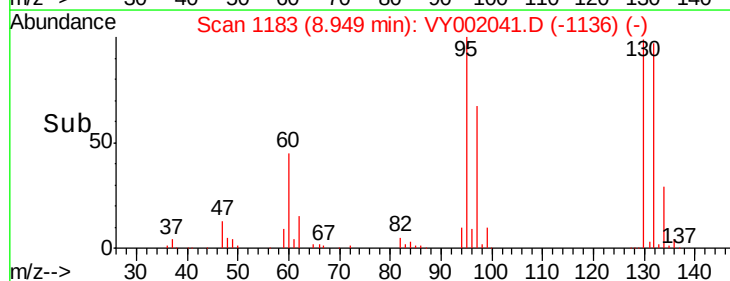
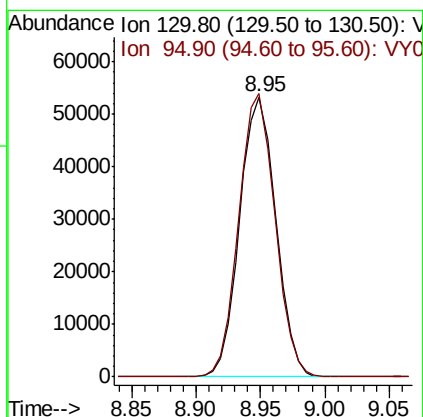
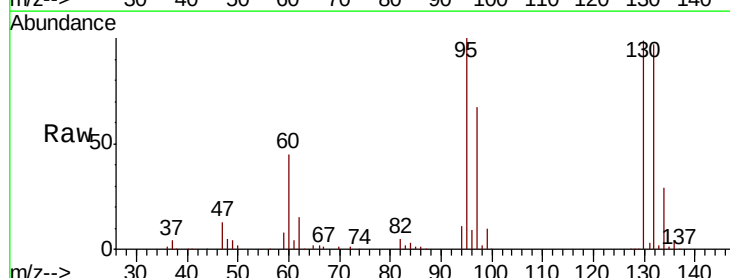
RT: 8.95 min Scan# 1183

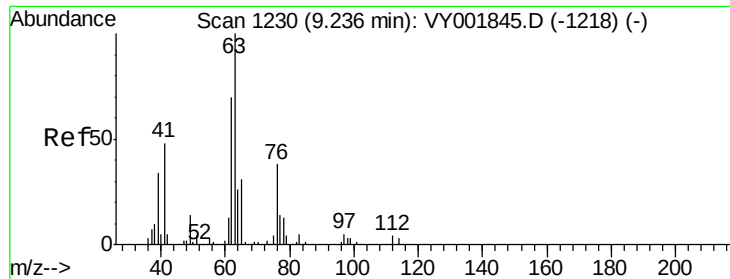
Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	130	Resp:	103521
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	204.6





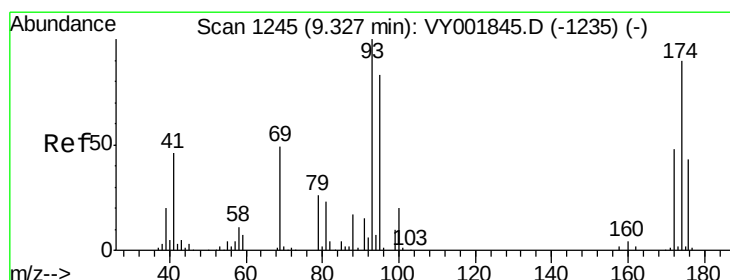
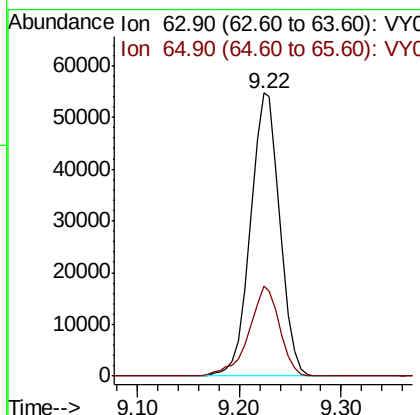
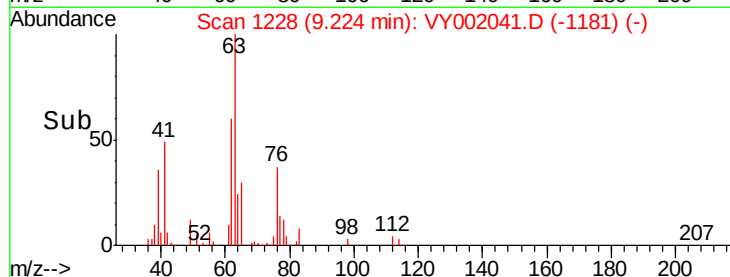
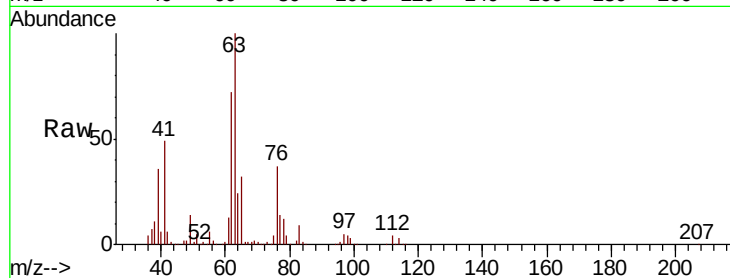
#45
 1,2-Dichloropropane
 Concen: 50.929 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 109554
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3

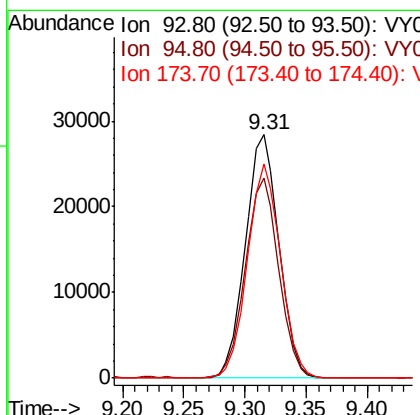
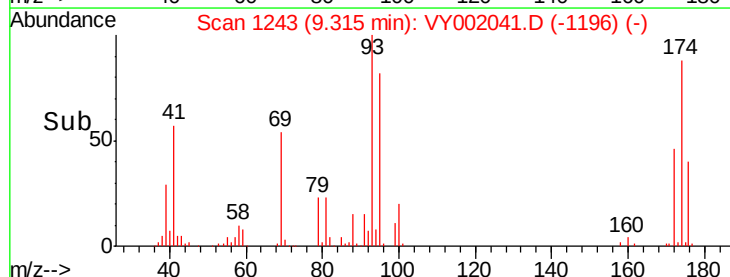
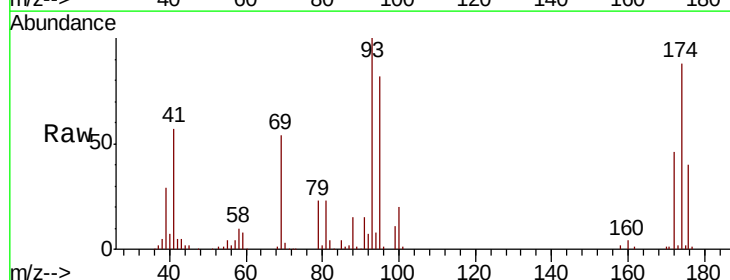
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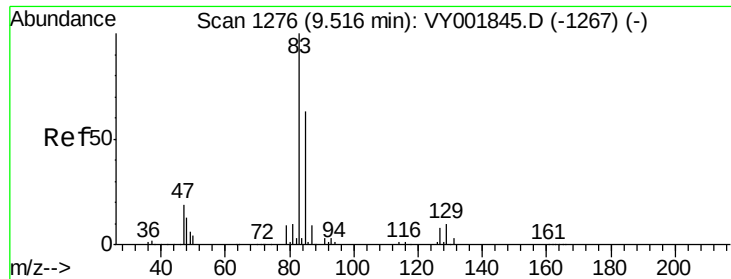
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#46
 Dibromomethane
 Concen: 48.989 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion: 93 Resp: 54305
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.0 100.4
 174 86.8 71.8 107.8





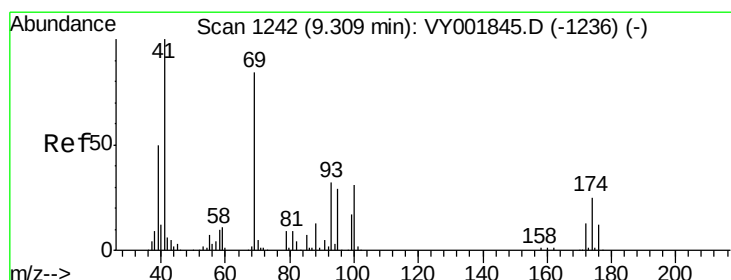
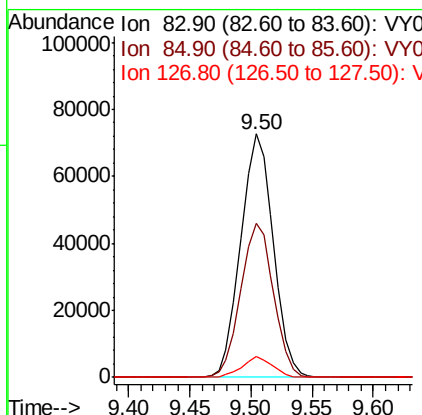
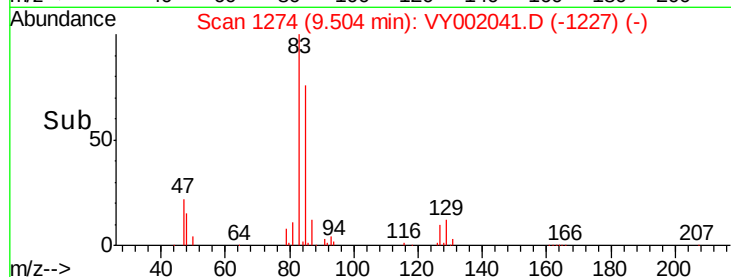
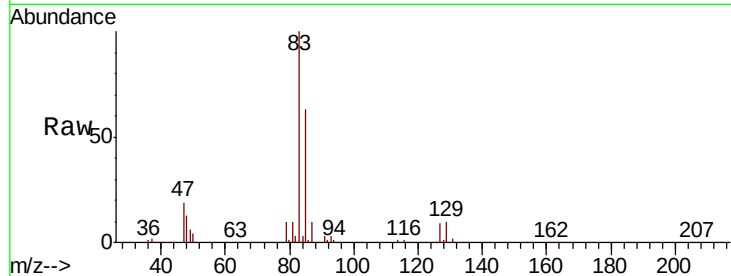
#47
Bromodichloromethane
Concen: 52.106 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	134363
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	50.6	76.0
127	8.5	6.2	9.4

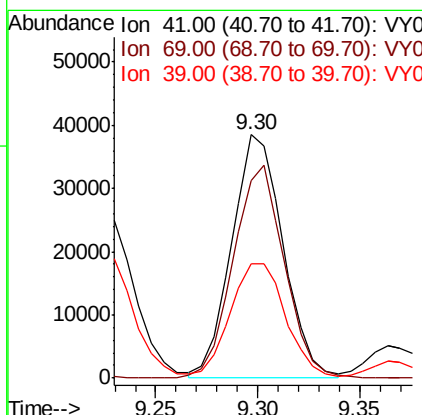
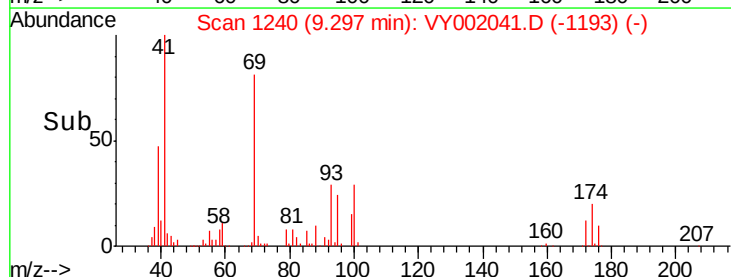
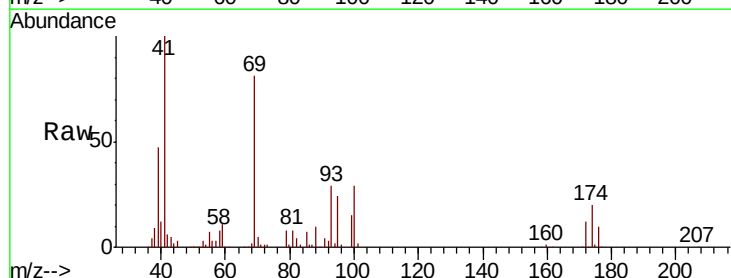
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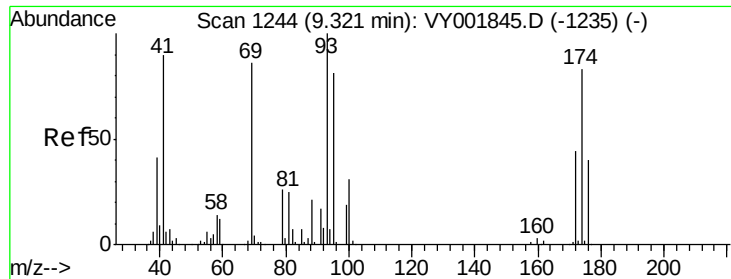
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#48
Methyl methacrylate
Concen: 47.833 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	41	Resp	67428
Ion Ratio	100	Lower	Upper
41	100		
69	86.9	69.0	103.6
39	48.7	39.1	58.7





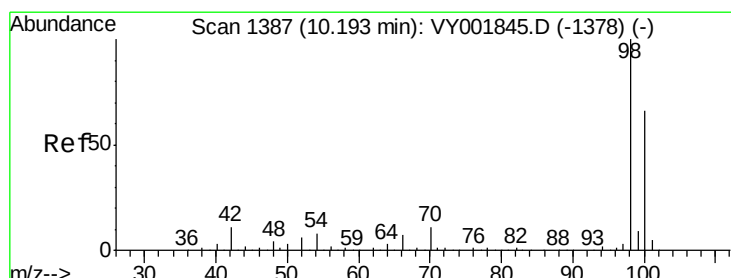
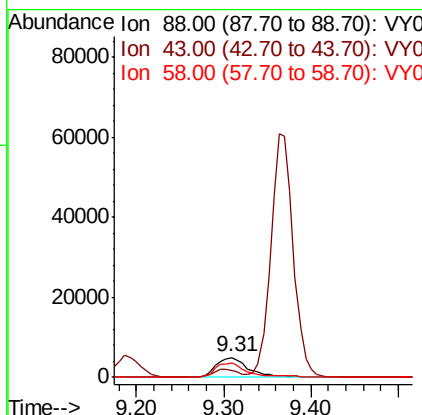
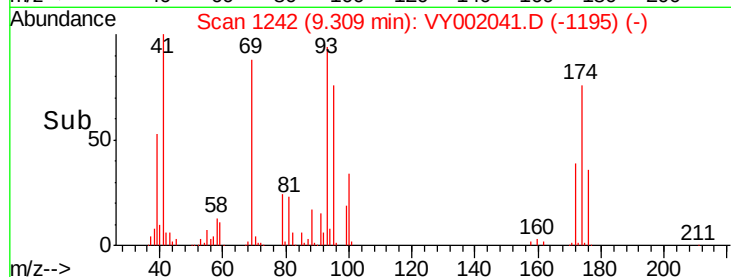
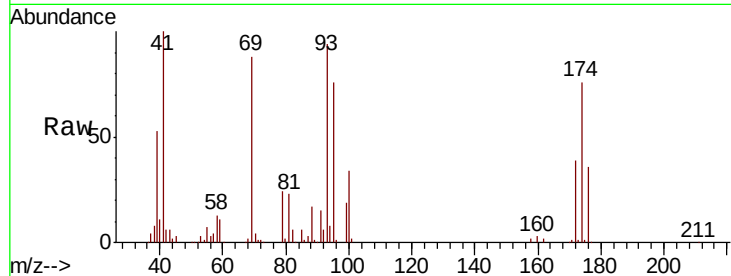
#49
1,4-Dioxane
Concen: 857.898 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.0	37.6
58	73.6	58.9	88.3

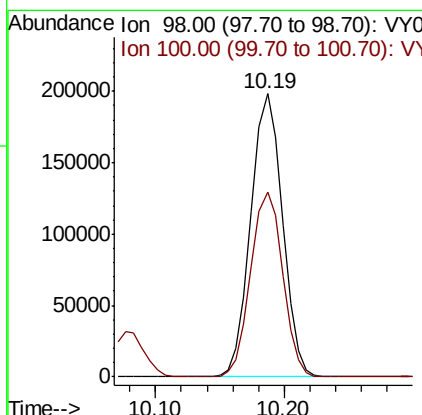
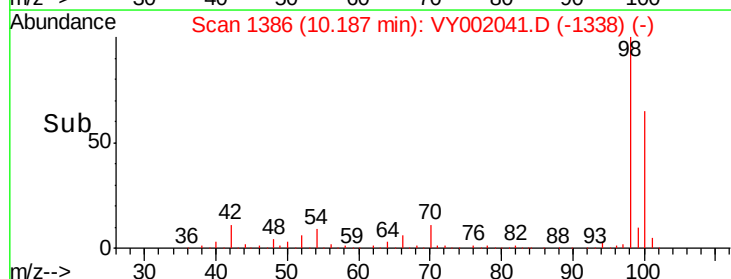
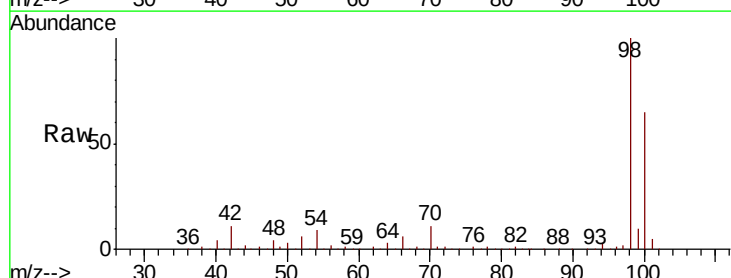
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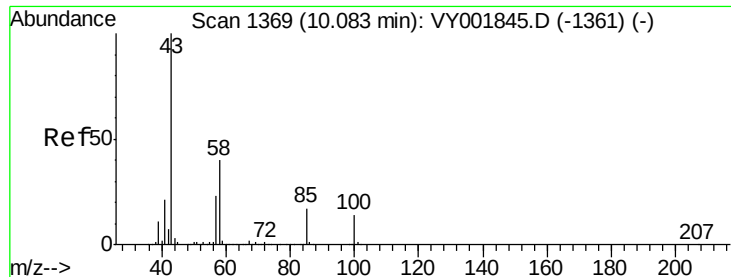
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#50
Toluene-d8
Concen: 48.827 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





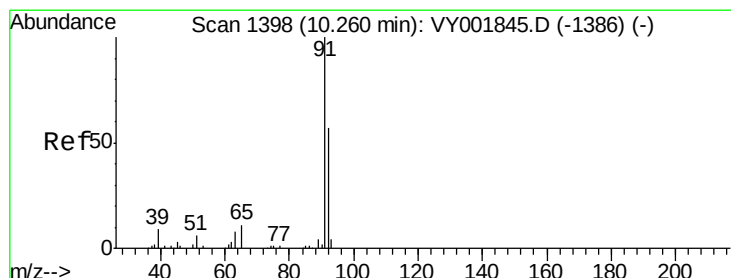
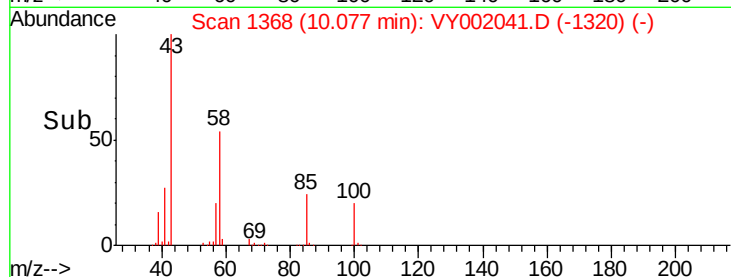
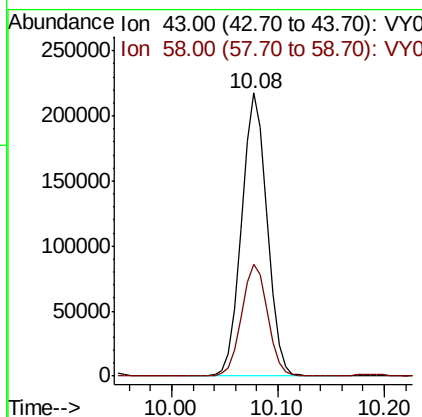
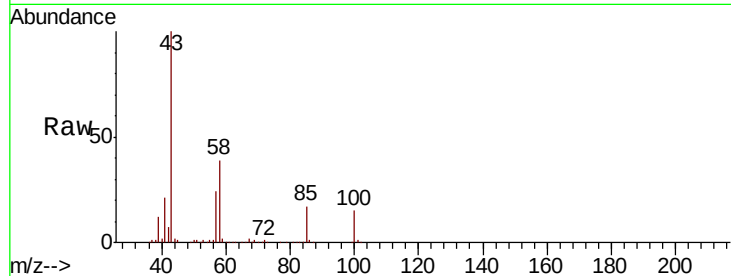
#51
4-Methyl-2-Pentanone
Concen: 223.964 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	32.0	48.0

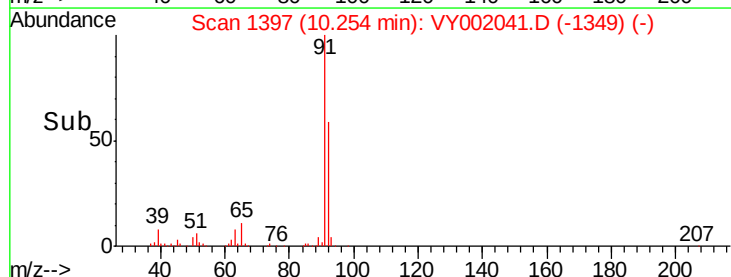
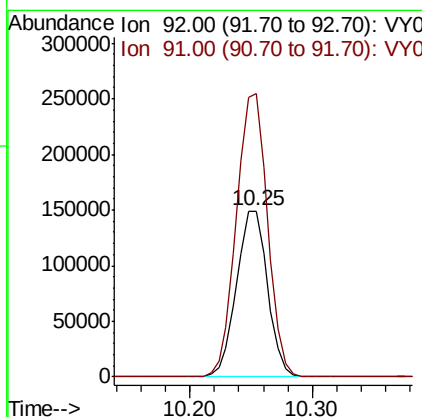
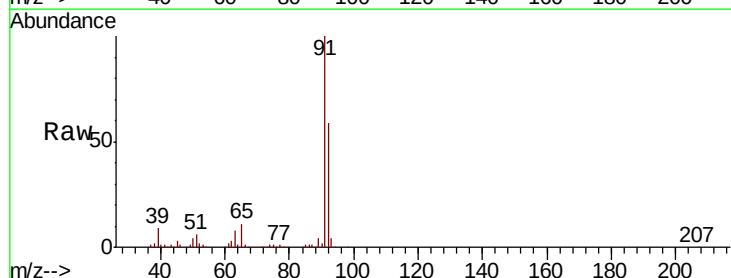
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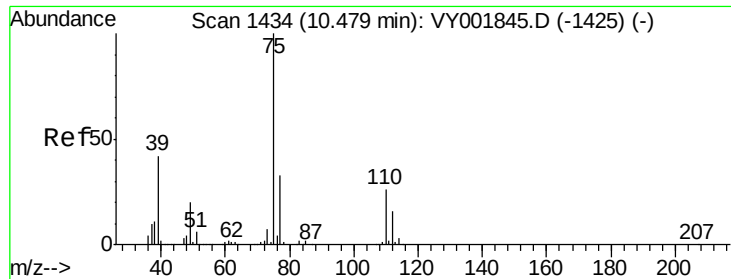
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#52
Toluene
Concen: 50.341 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 51.222 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 143903

Ion Ratio Lower Upper

75 100

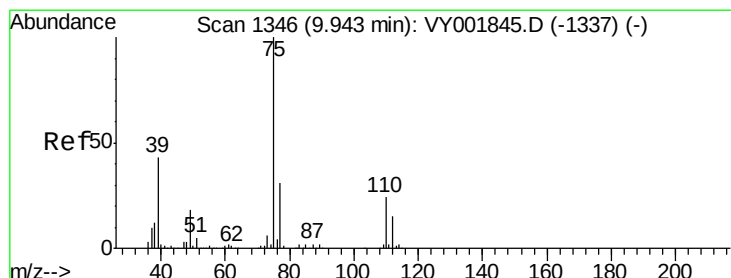
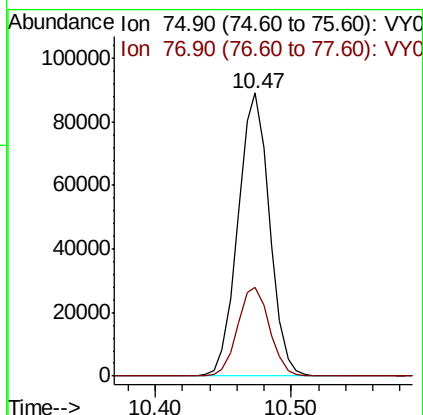
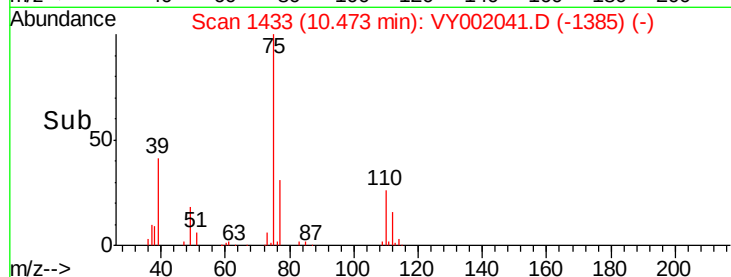
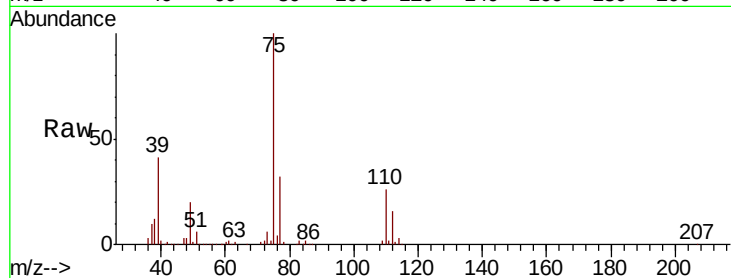
77 31.5 26.3 39.5

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#54

cis-1,3-Dichloropropene

Concen: 50.654 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

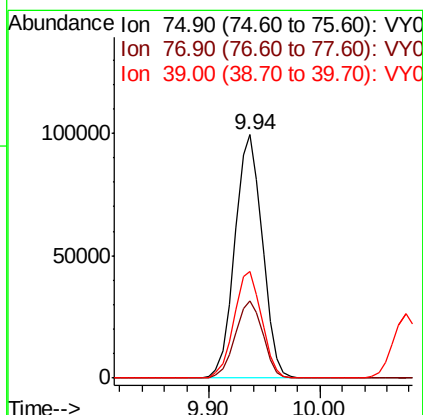
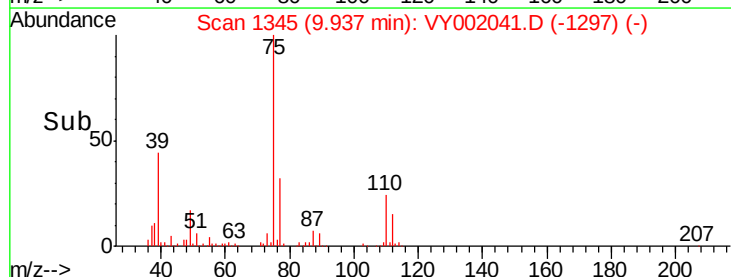
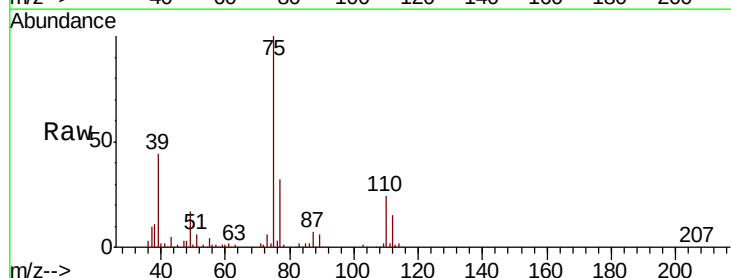
Tgt Ion: 75 Resp: 169409

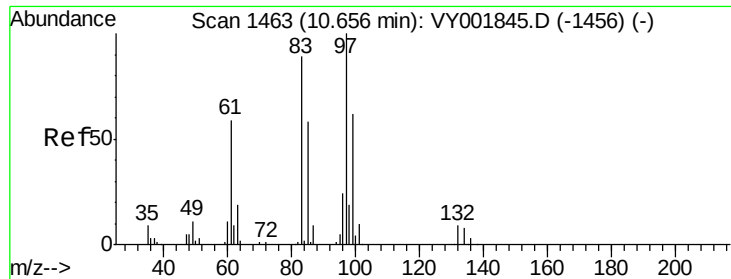
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 43.9 34.7 52.1





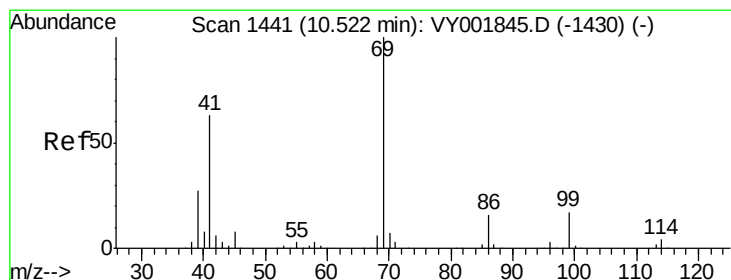
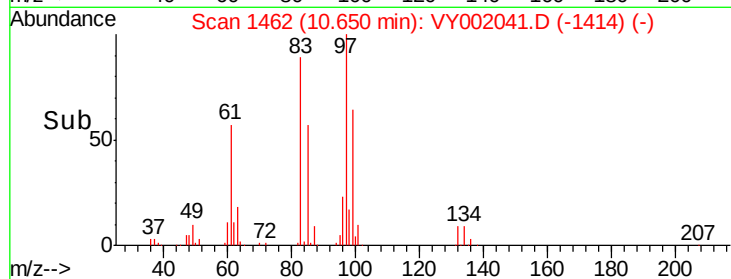
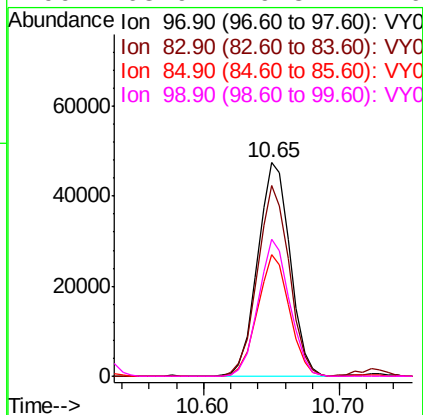
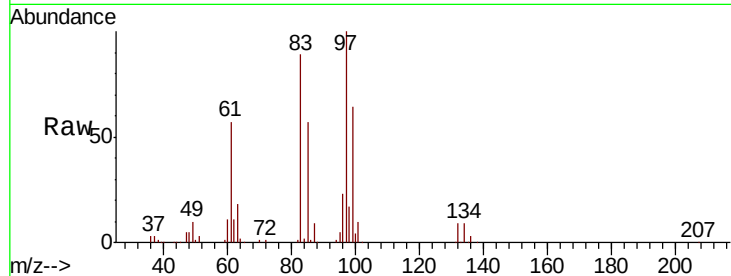
#55
1,1,2-Trichloroethane
Concen: 49.011 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	79511
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.6	107.4
85	56.8	46.6	69.8
99	63.9	49.8	74.6

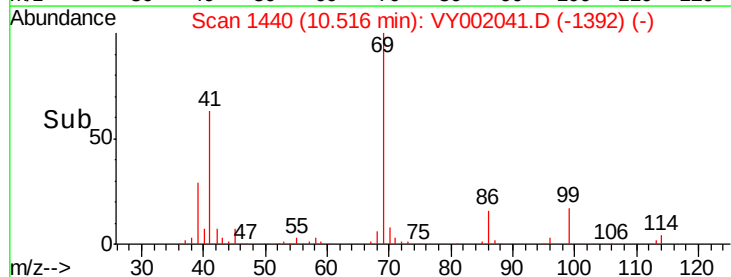
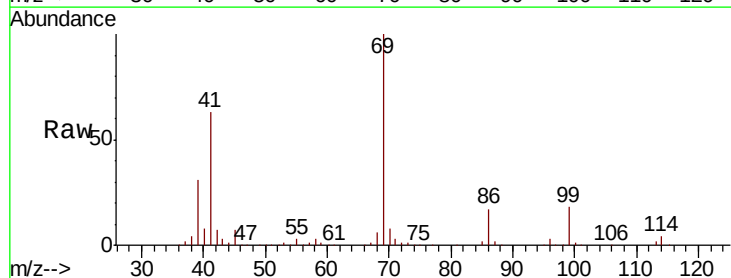
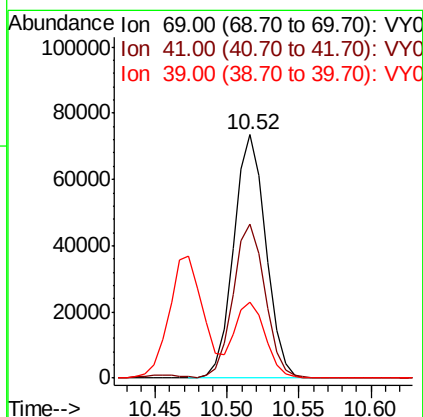
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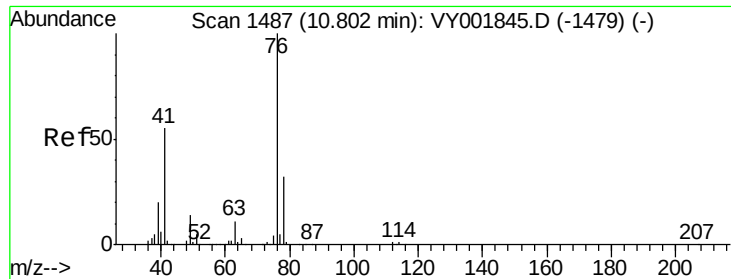
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#56
Ethyl methacrylate
Concen: 48.101 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion:	69	Resp:	114379
Ion	Ratio	Lower	Upper
69	100		
41	63.5	49.9	74.9
39	29.5	23.0	34.6





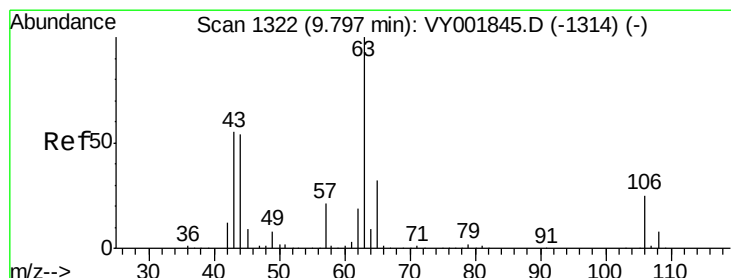
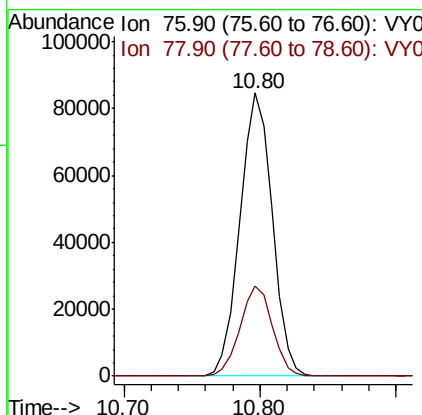
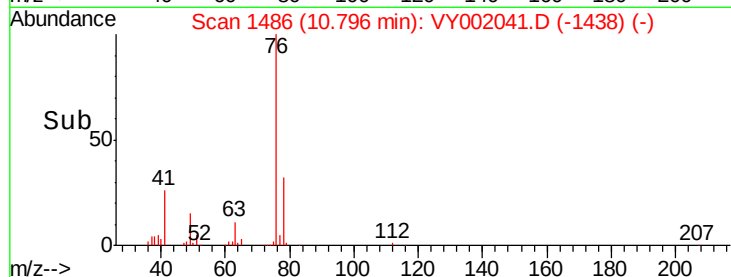
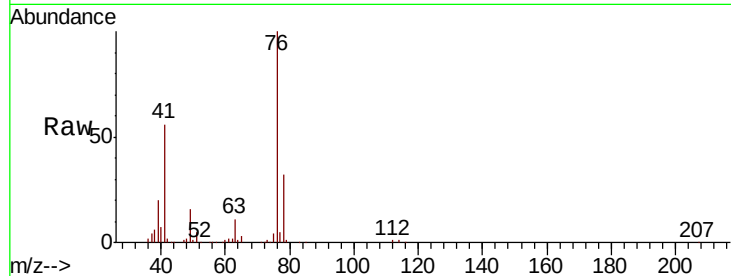
#57
 1,3-Dichloropropane
 Concen: 48.653 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 140695
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

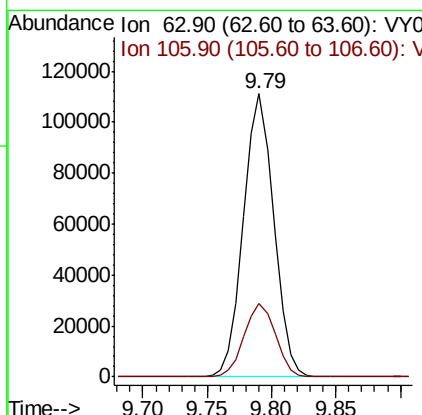
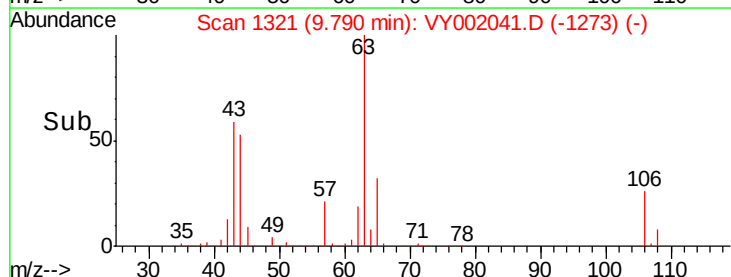
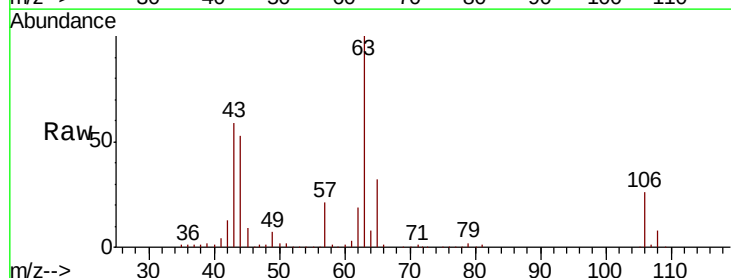
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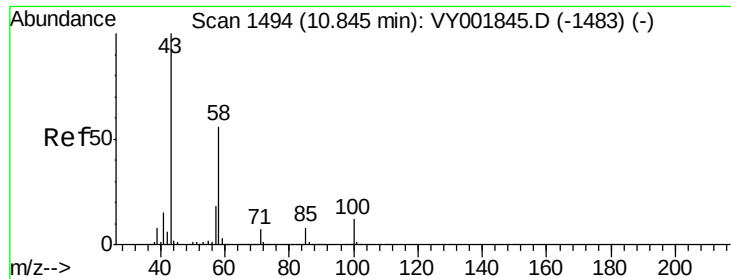
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#58
 2-Chloroethyl Vinyl ether
 Concen: 212.912 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion: 63 Resp: 180950
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.3 31.9





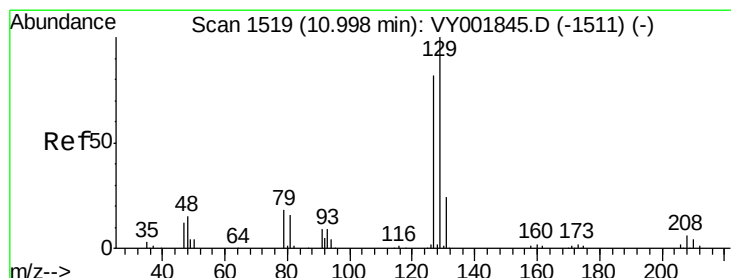
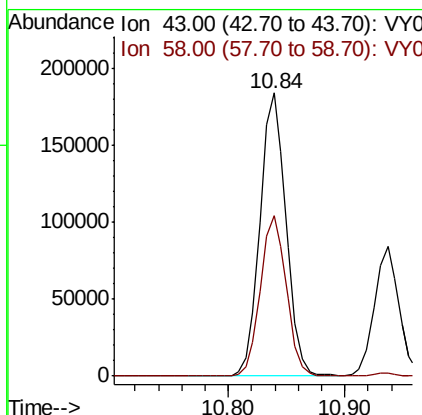
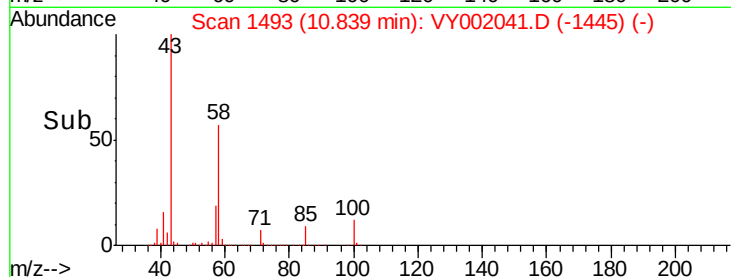
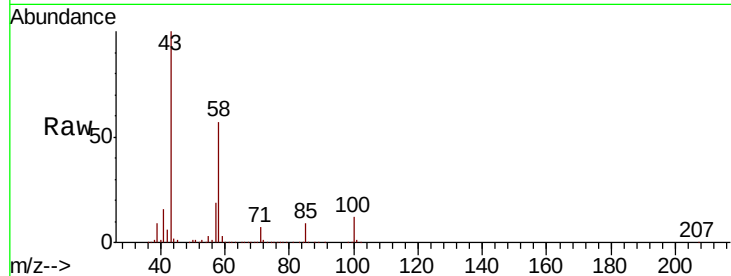
#59
2-Hexanone
Concen: 246.276 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 287627
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3

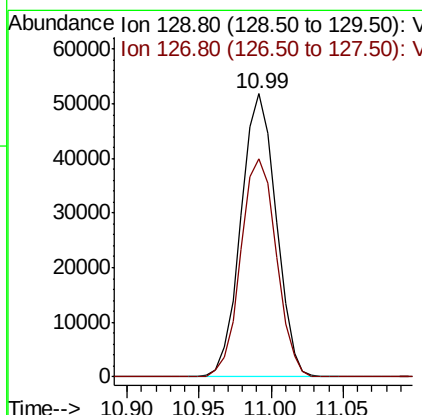
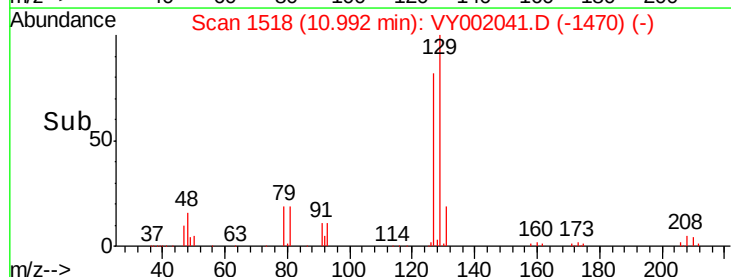
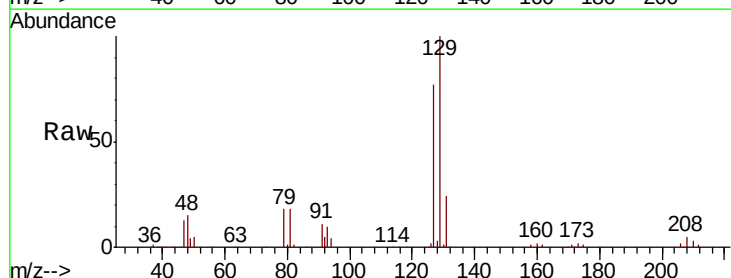
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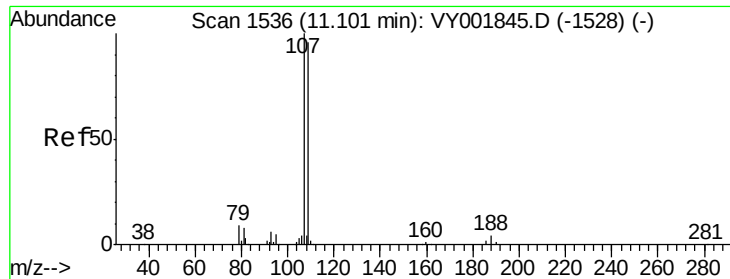
apatel
3/25/2020 10:37:53 AM



#60
Dibromochloromethane
Concen: 51.379 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion: 129 Resp: 87830
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0





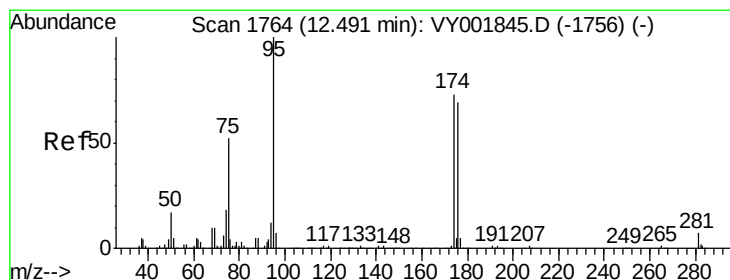
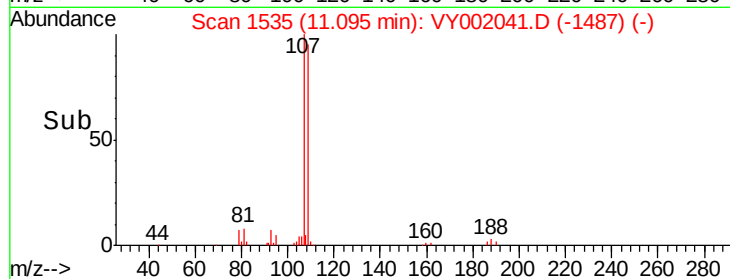
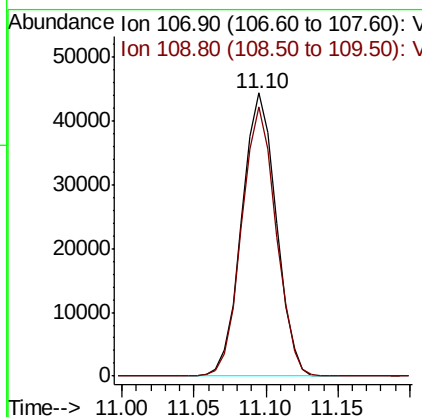
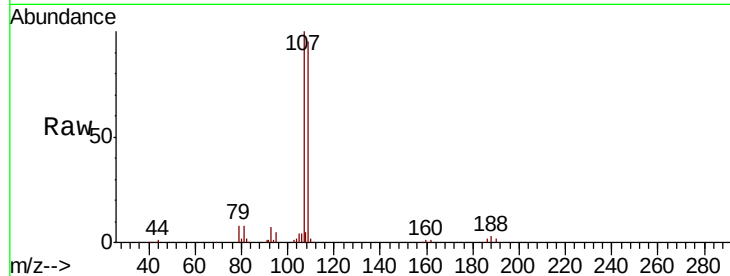
#61
 1,2-Dibromoethane
 Concen: 47.831 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.4	113.0

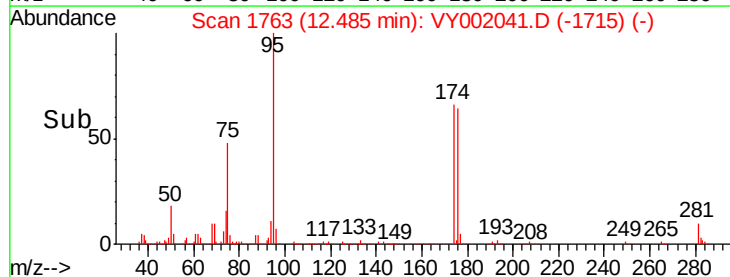
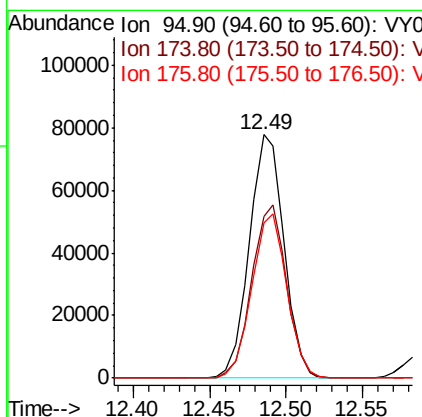
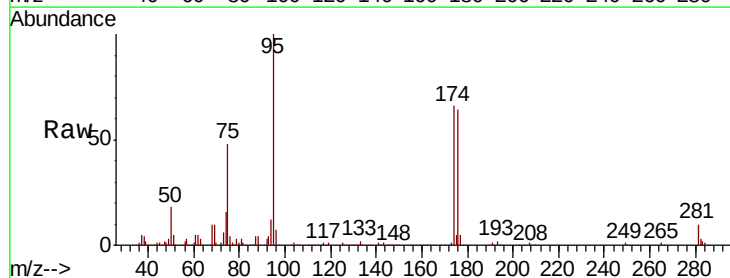
Manual Integrations
 APPROVED

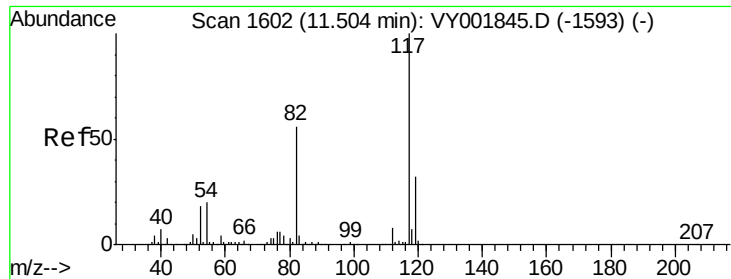
apatel
 3/25/2020 10:37:53 AM



#62
 4-Bromofluorobenzene
 Concen: 51.038 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	145.0
176	68.1	0.0	137.4





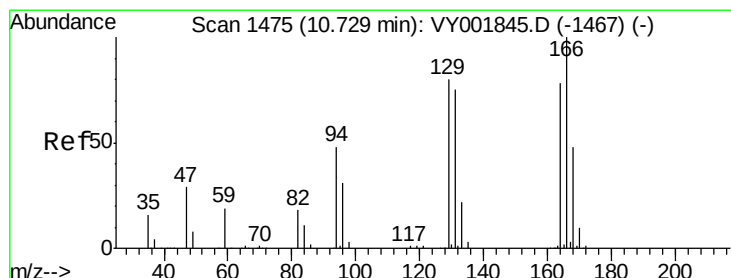
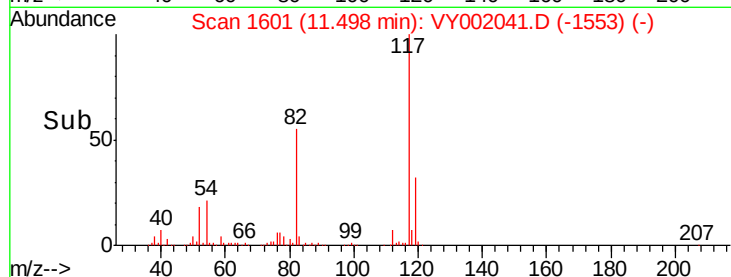
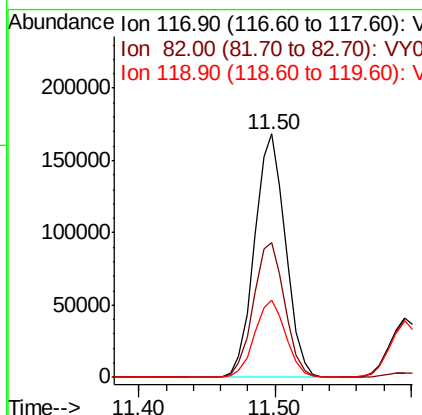
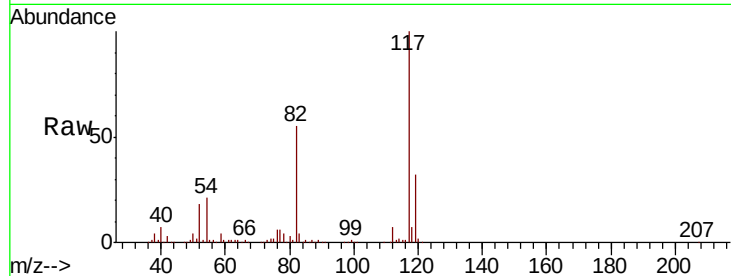
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.5	66.7
119	31.9	25.7	38.5

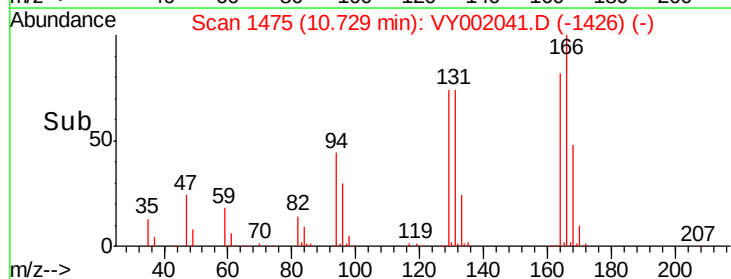
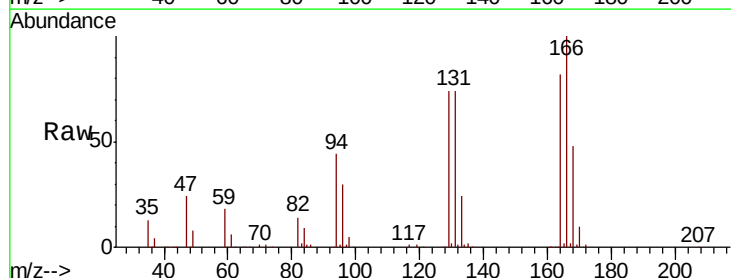
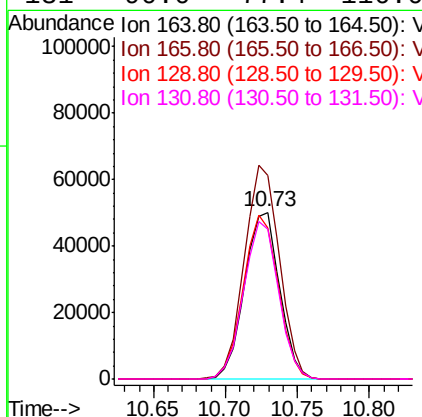
Manual Integrations
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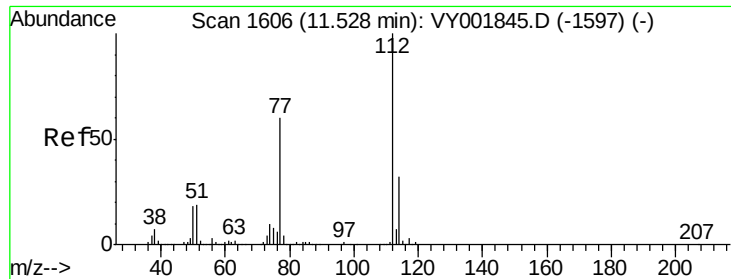
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#64
Tetrachloroethene
Concen: 49.837 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	102.6	154.0
129	90.6	82.3	123.5
131	90.0	77.4	116.0





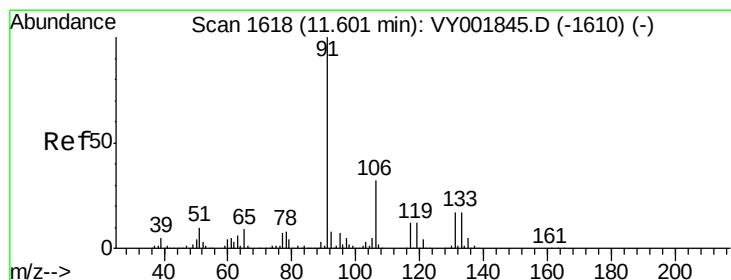
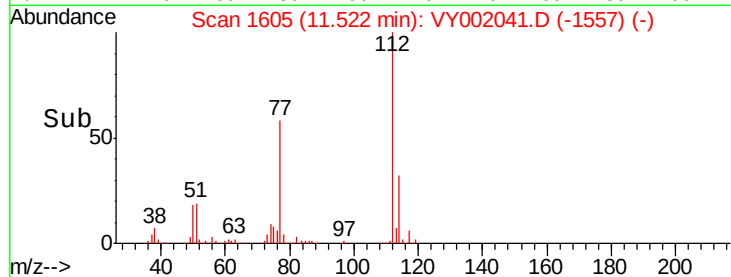
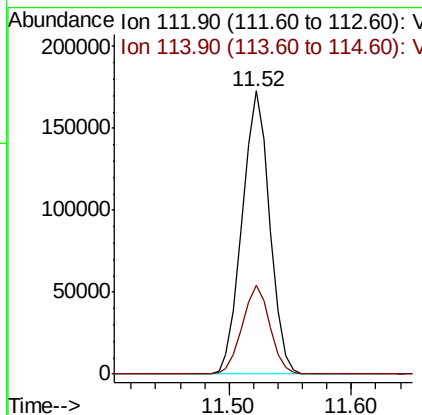
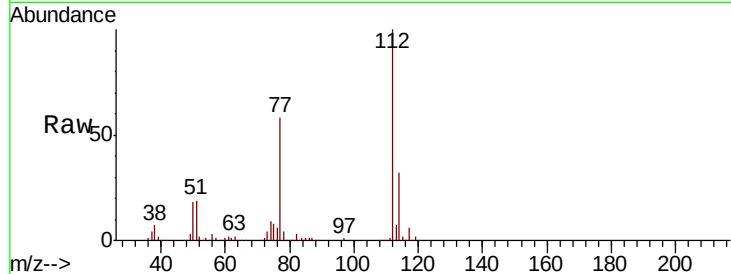
#65
Chlorobenzene
Concen: 50.297 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	269771		
114	31.5	25.9	38.9	

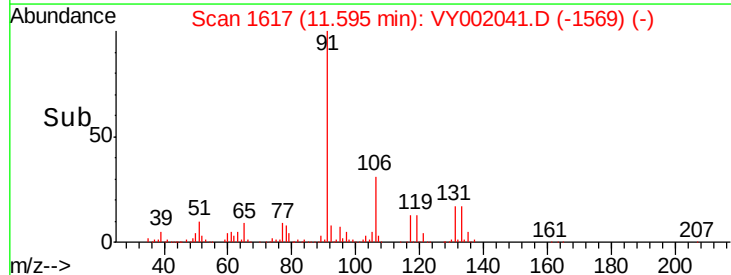
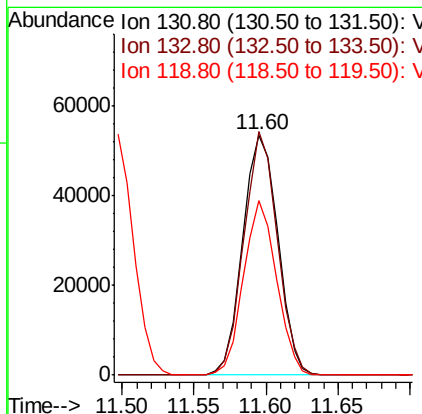
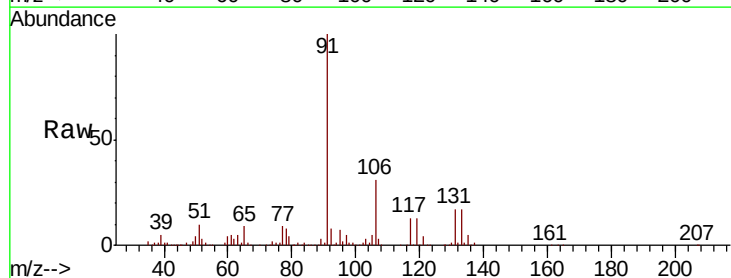
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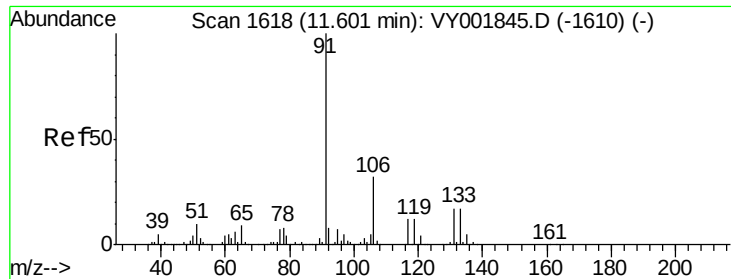
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.459 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	90511		
133	96.6	47.1	141.3	
119	68.4	34.5	103.6	





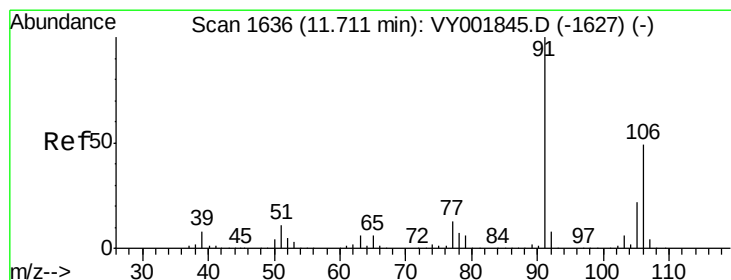
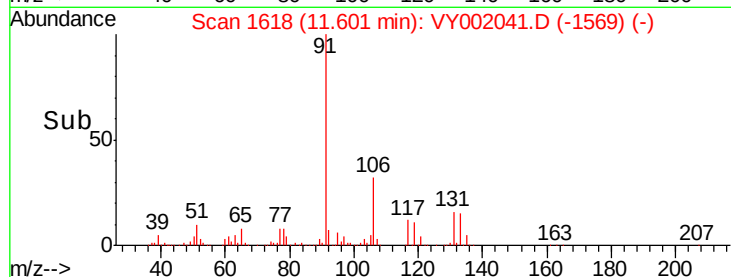
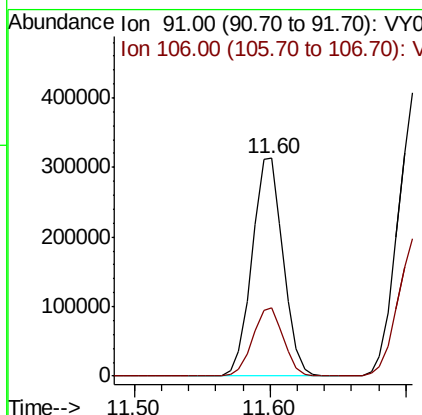
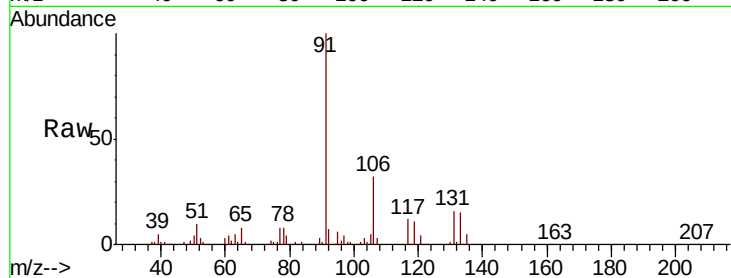
#67
Ethyl Benzene
Concen: 50.286 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 503013
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

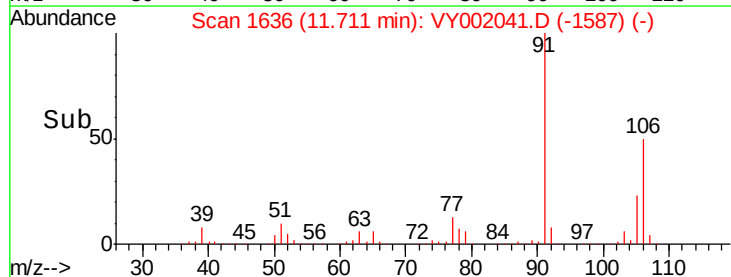
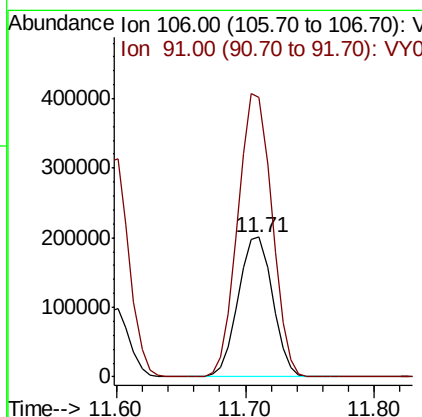
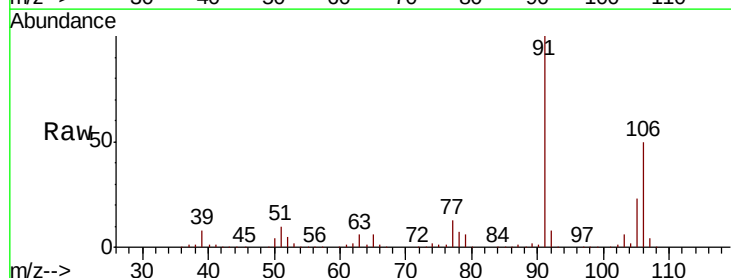
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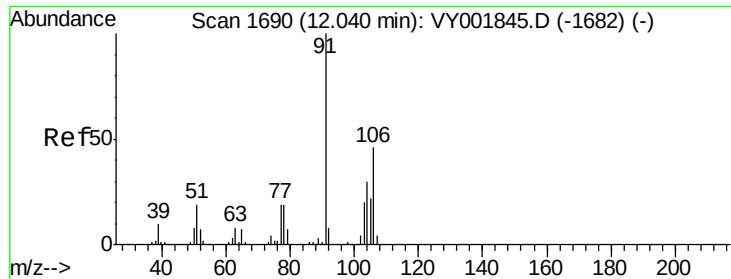
apatel
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#68
m/p-Xylenes
Concen: 100.747 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion: 106 Resp: 372588
Ion Ratio Lower Upper
106 100
91 201.6 161.3 241.9





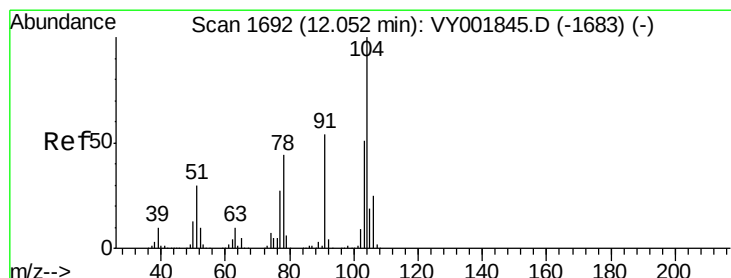
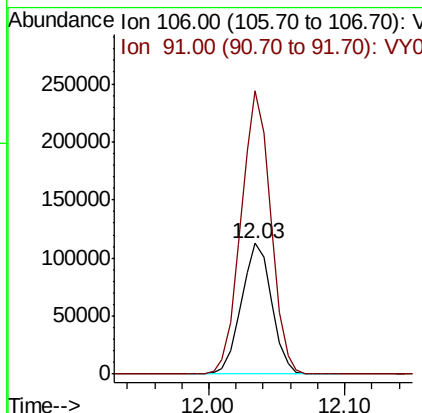
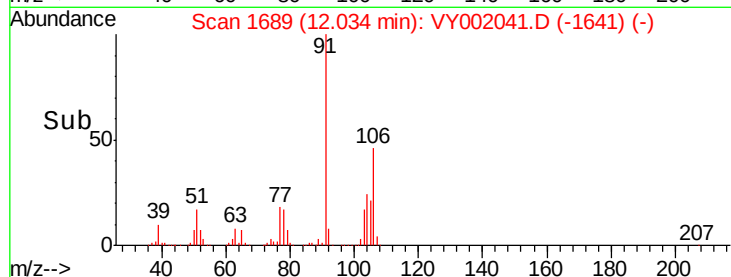
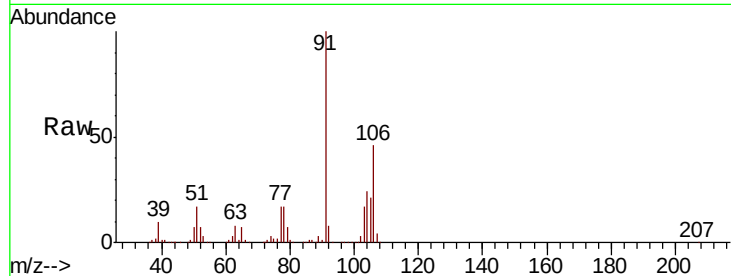
#69
o-Xylene
Concen: 50.288 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	106.8	320.4

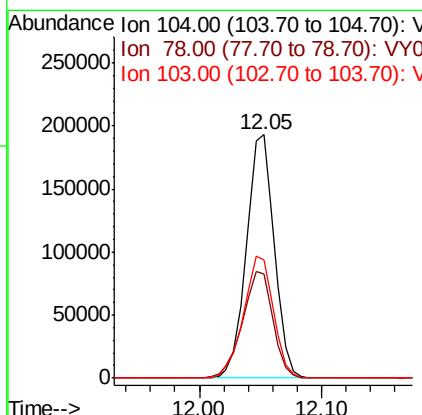
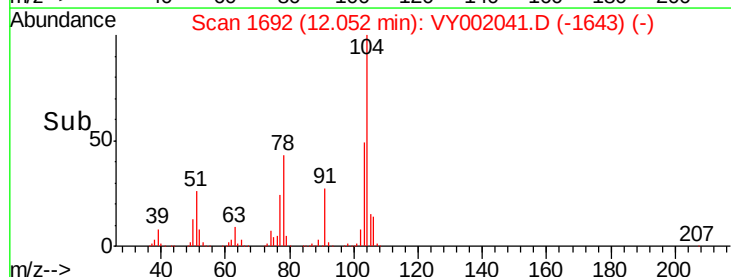
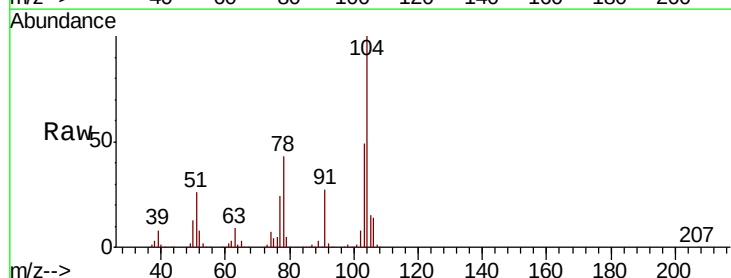
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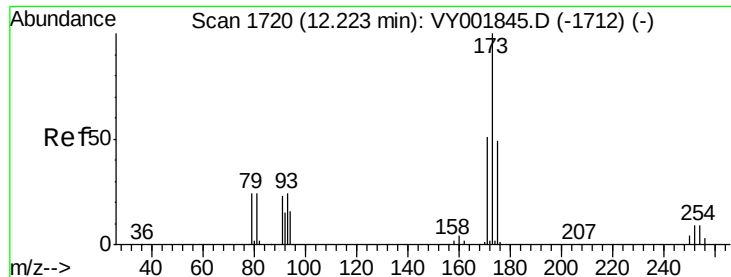
apatel
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#70
Styrene
Concen: 51.179 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.5	57.7
103	54.0	42.9	64.3





#71

Bromoform

Concen: 50.281 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

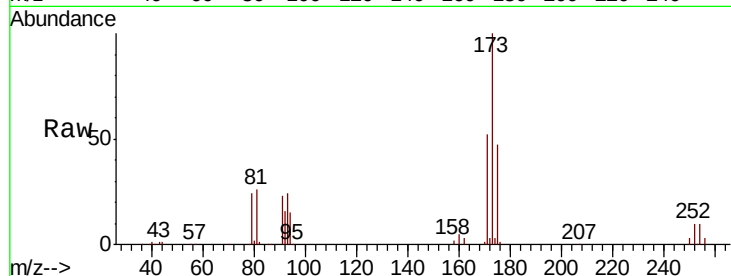
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	47962
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.3	72.8
254	0.0	0.0	0.0

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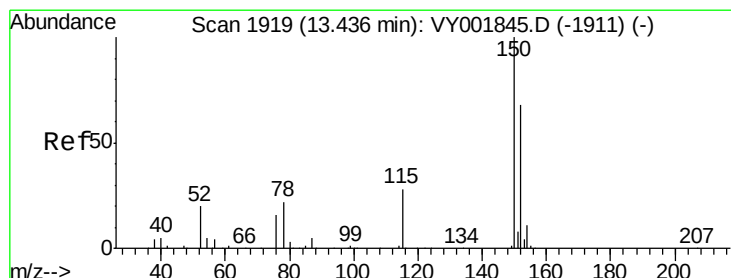
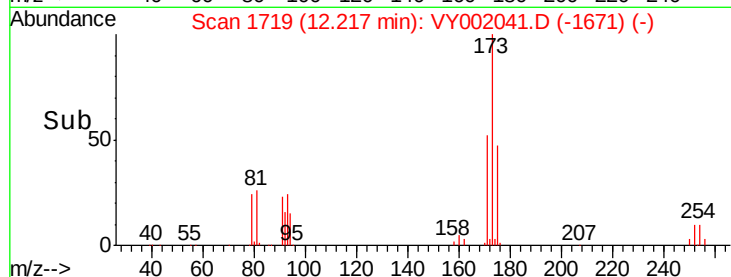
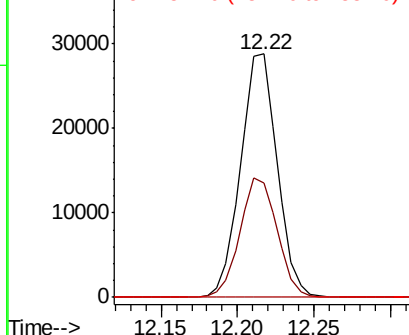


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

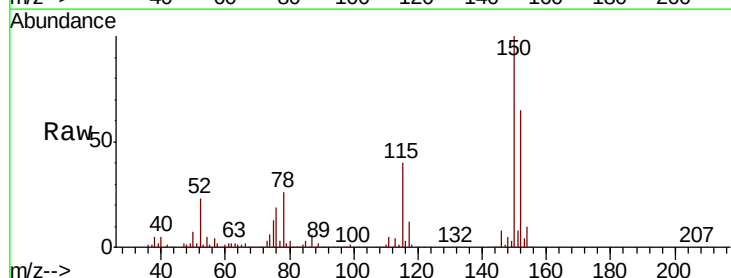
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	152	Resp:	123031
Ion Ratio	Lower	Upper	
152	100		
115	61.6	29.9	89.7
150	174.6	0.0	340.6

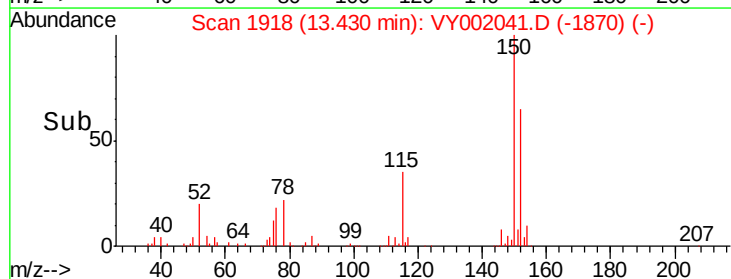
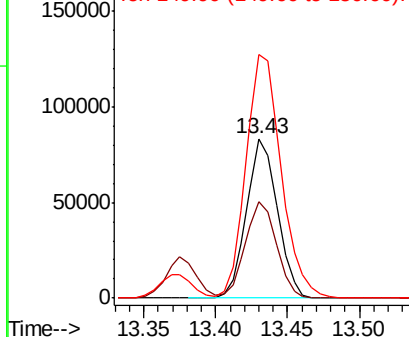


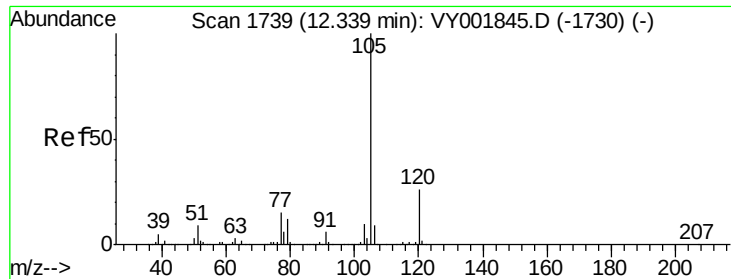
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.221 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 481061

Ion Ratio Lower Upper

105 100

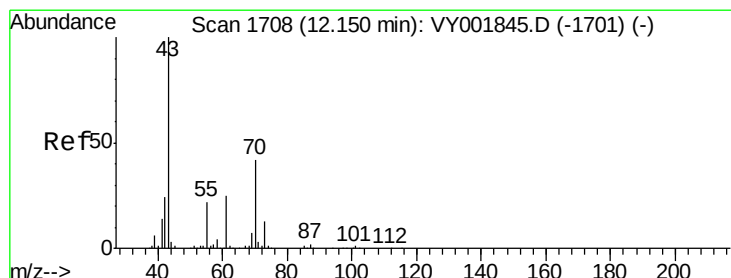
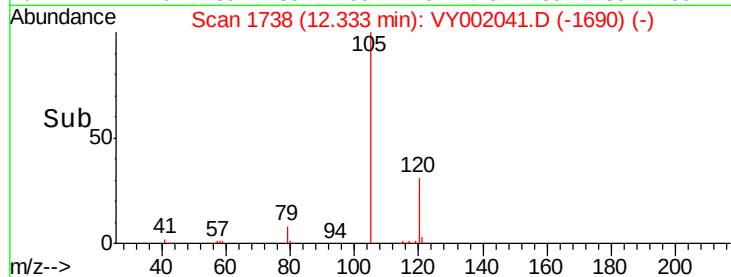
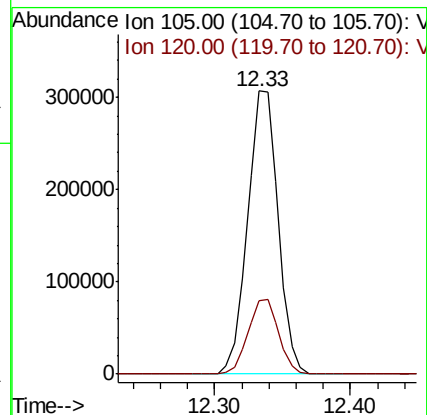
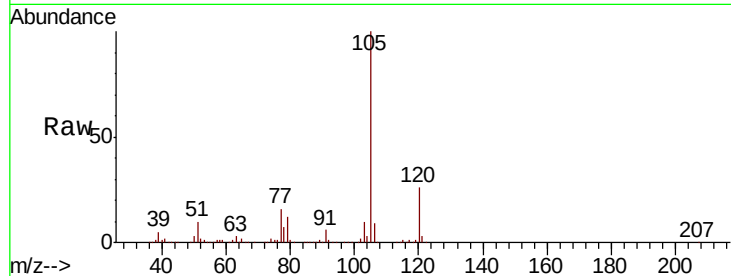
120 26.6 13.1 39.3

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#74

N-ethyl acetate

Concen: 46.560 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion: 43 Resp: 134397

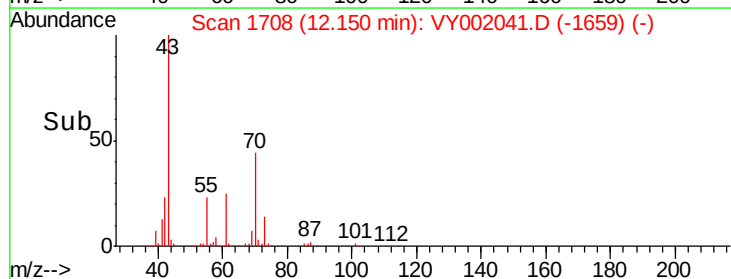
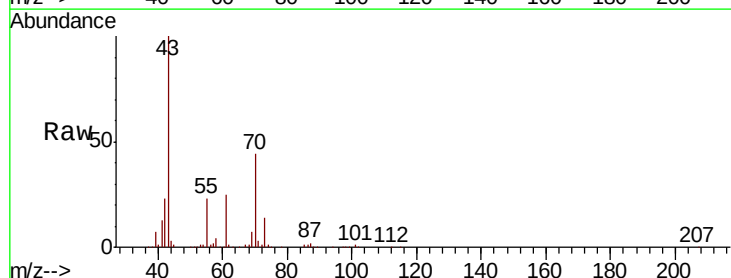
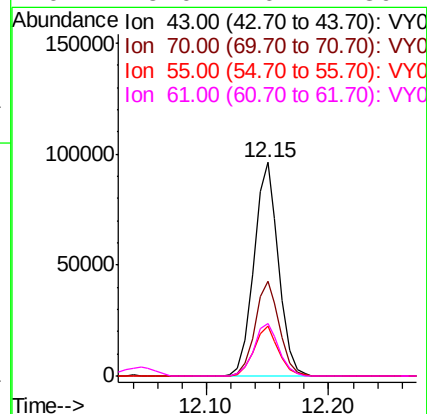
Ion Ratio Lower Upper

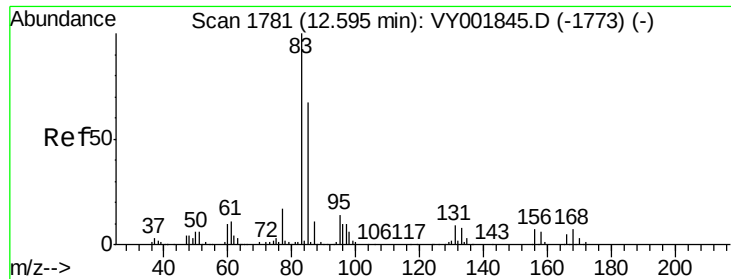
43 100

70 44.0 34.7 52.1

55 23.0 18.2 27.4

61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.595 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

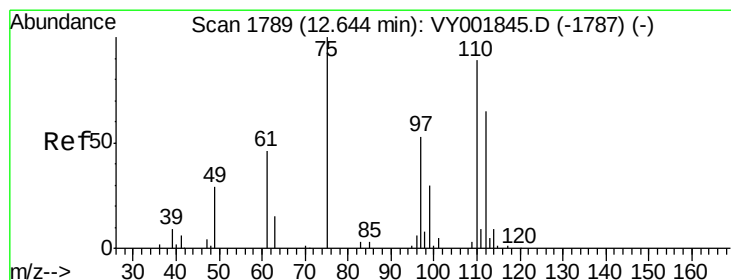
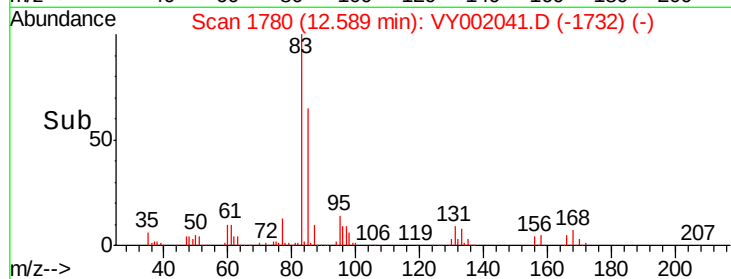
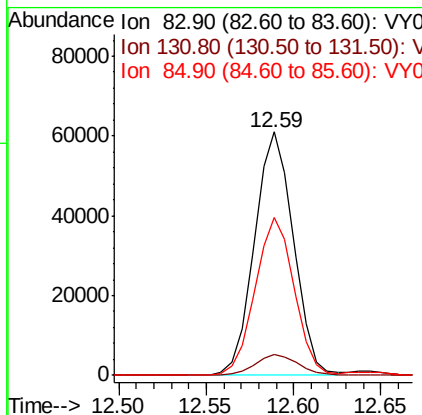
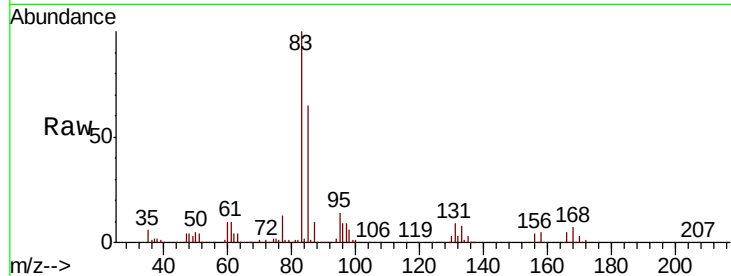
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	94370
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.6	13.8
85	64.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.840 ug/l m

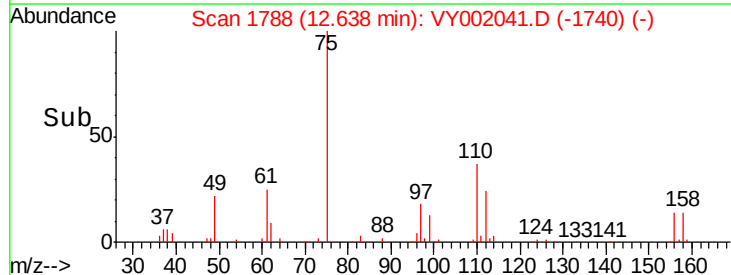
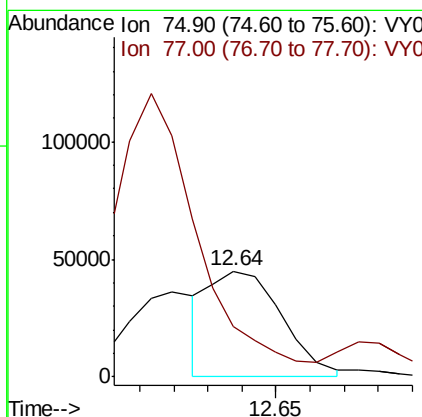
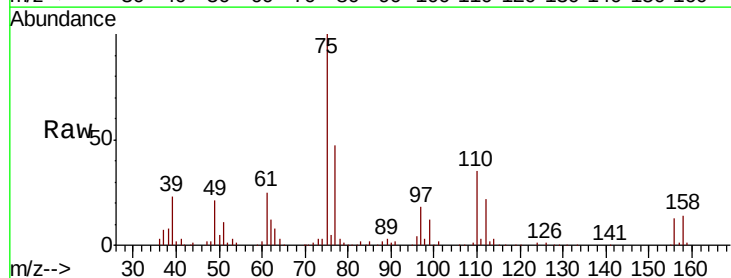
RT: 12.64 min Scan# 1788

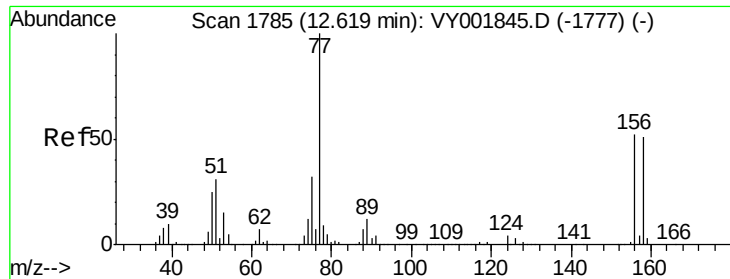
Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Tgt Ion:	75	Resp:	66920
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.063 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 101608

Ion Ratio Lower Upper

156 100

77 209.9 109.0 327.0

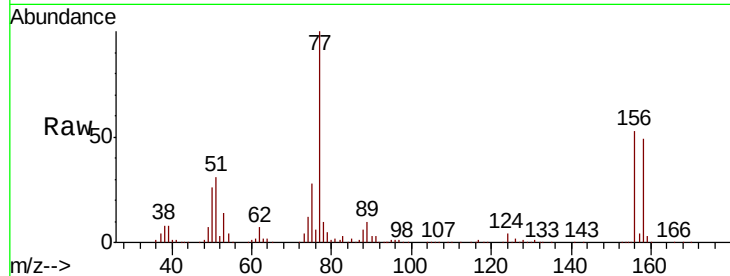
158 95.7 48.9 146.8

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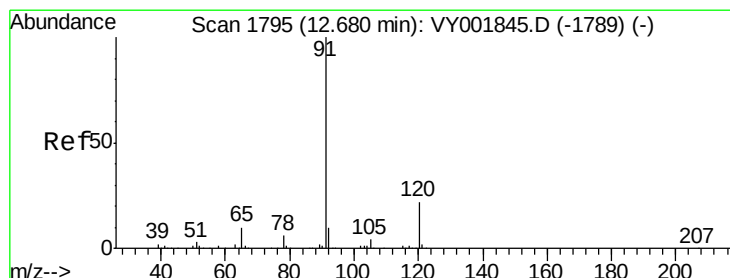
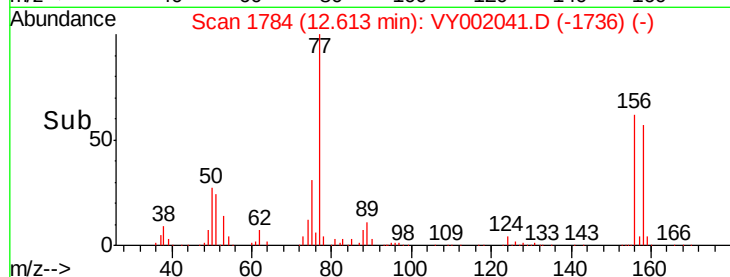
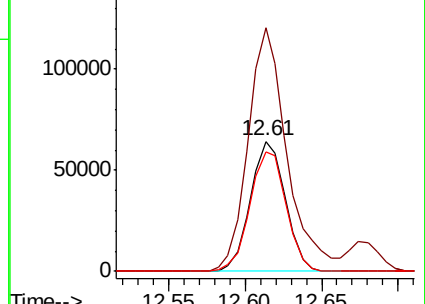
3/25/2020 10:37:53 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.243 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002041.D

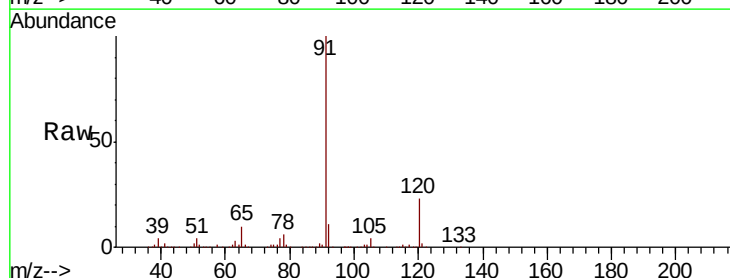
Acq: 24 Mar 2020 10:37

Tgt Ion: 91 Resp: 593739

Ion Ratio Lower Upper

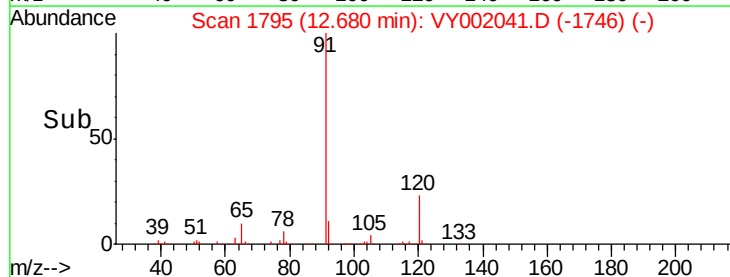
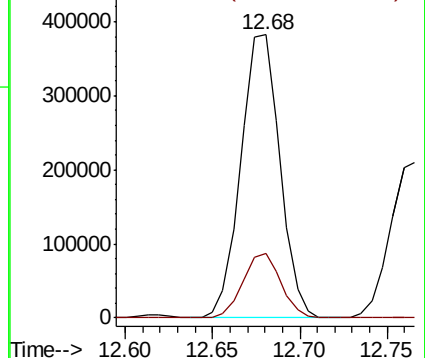
91 100

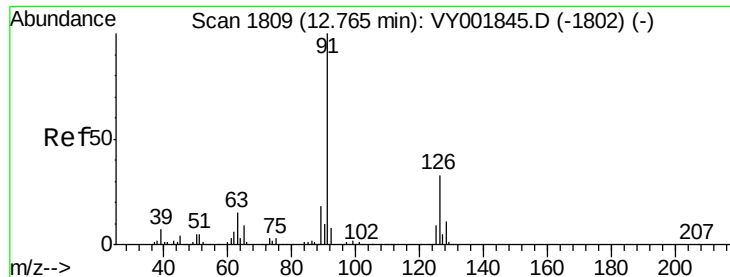
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.097 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002041.D

Acq: 24 Mar 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 327101

Ion Ratio Lower Upper

91 100

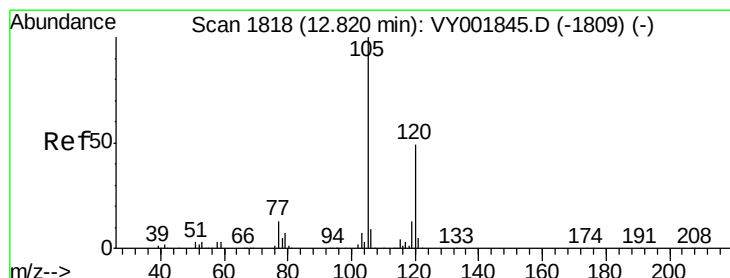
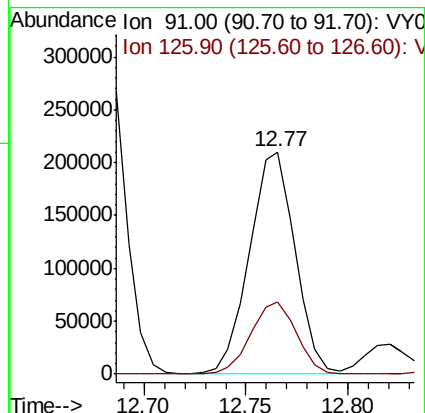
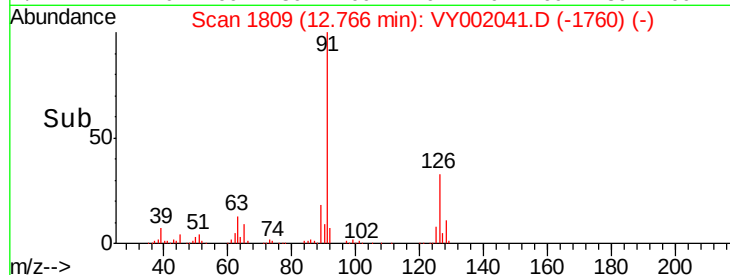
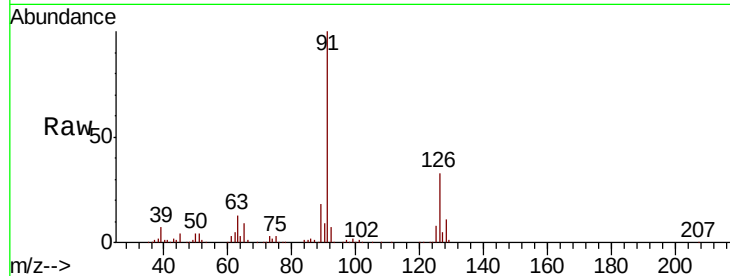
126 32.6 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 51.164 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002041.D

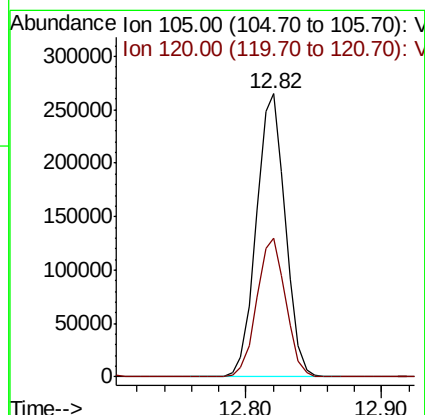
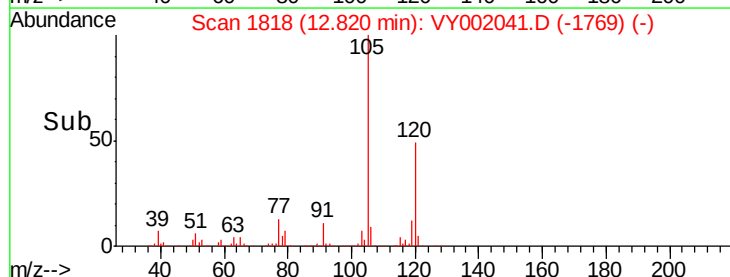
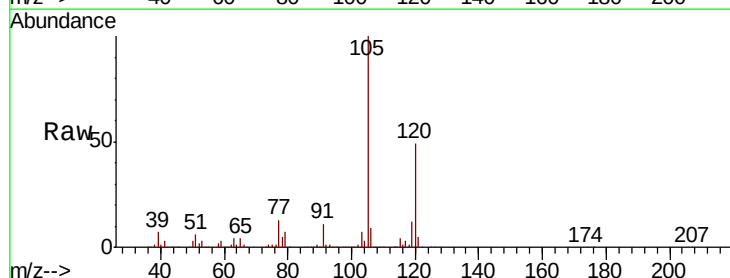
Acq: 24 Mar 2020 10:37

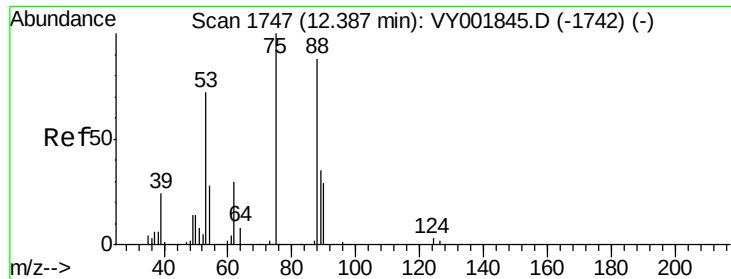
Tgt Ion: 105 Resp: 395587

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2





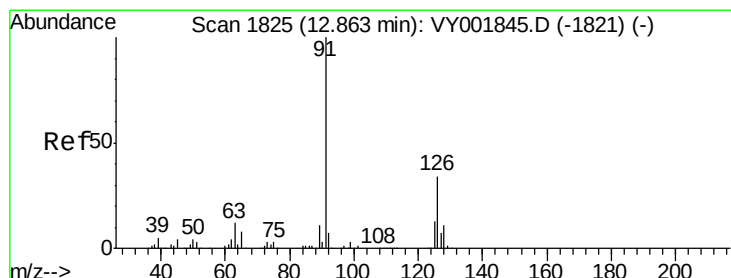
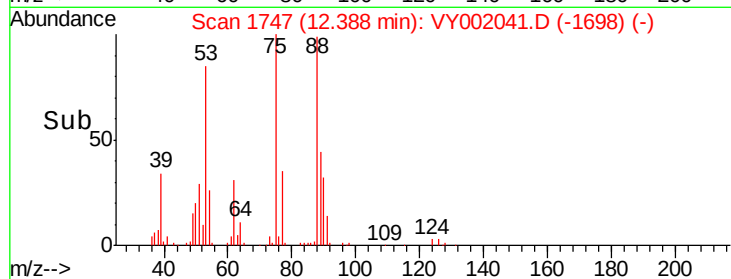
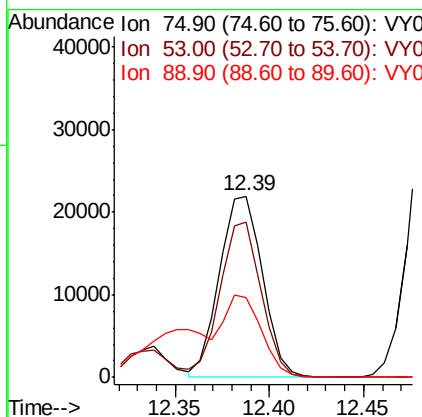
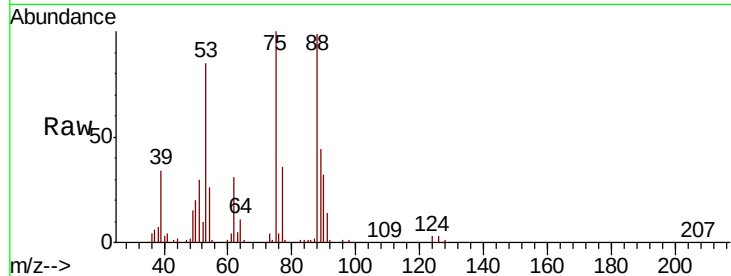
#81
trans-1,4-Dichloro-2-butene
Concen: 48.406 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.3	65.4	98.0
89	39.9	36.0	54.0

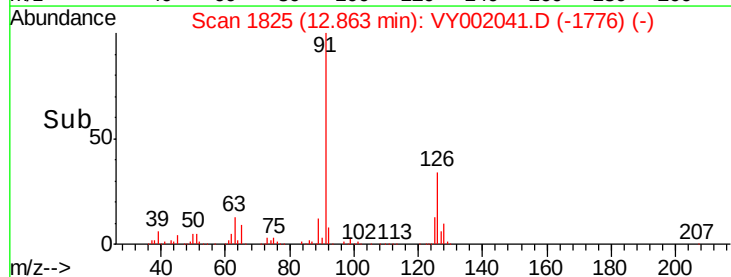
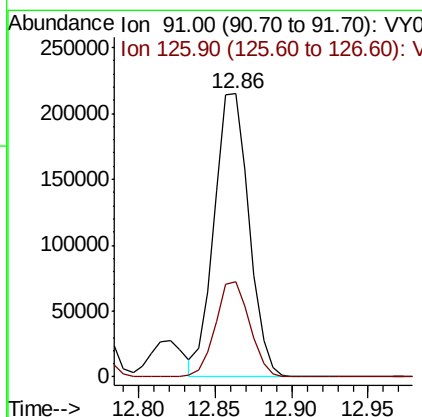
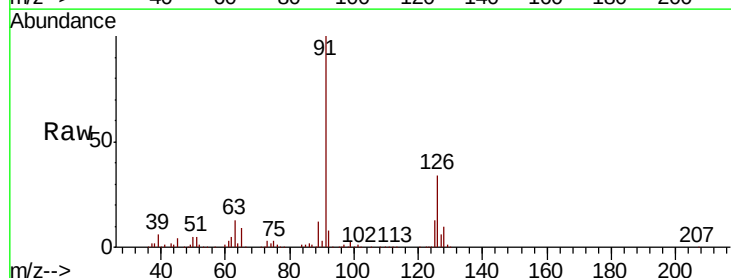
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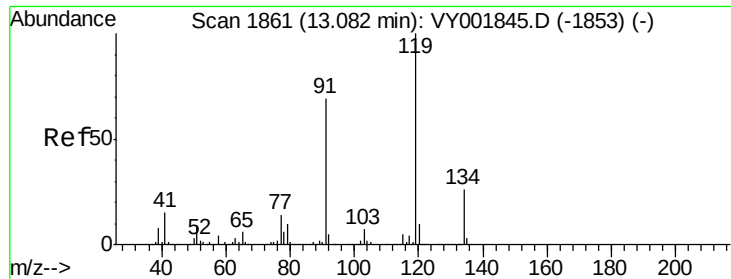
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#82
4-Chlorotoluene
Concen: 50.877 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.2





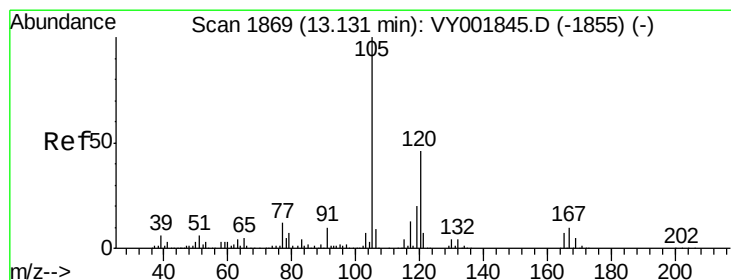
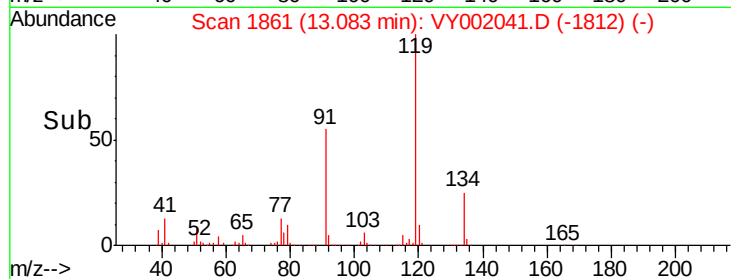
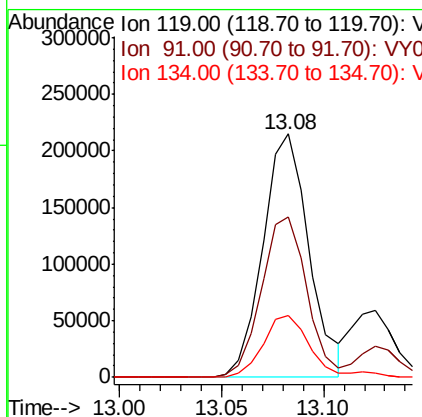
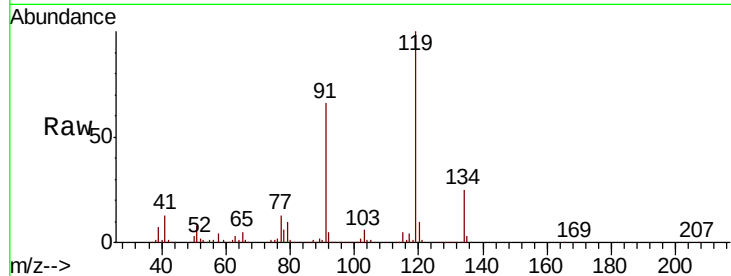
#83
 tert-Butylbenzene
 Concen: 52.842 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	34.0	101.8
134	26.4	13.5	40.4

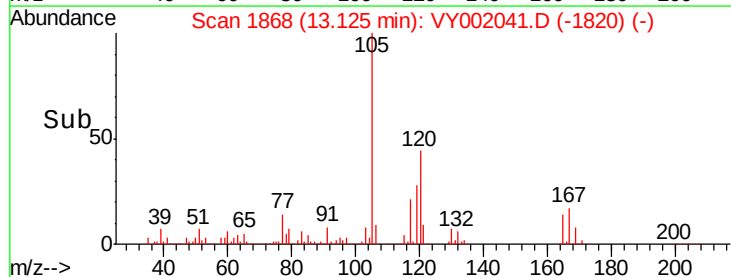
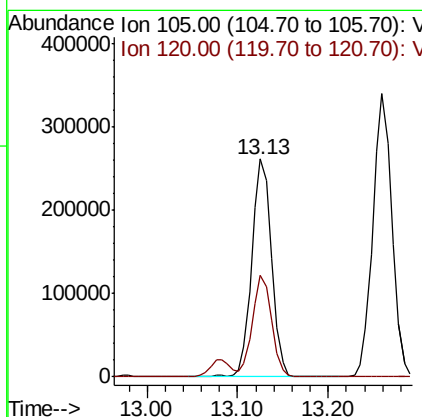
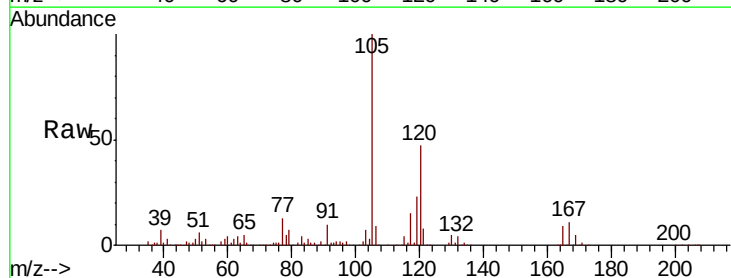
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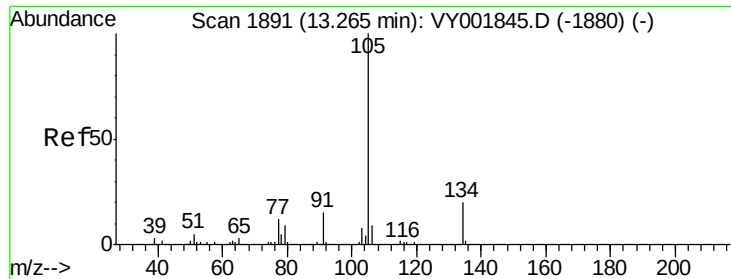
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.357 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





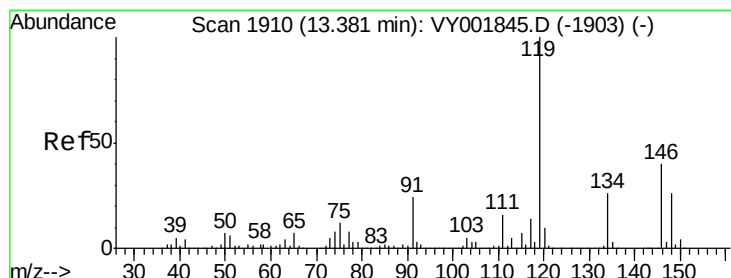
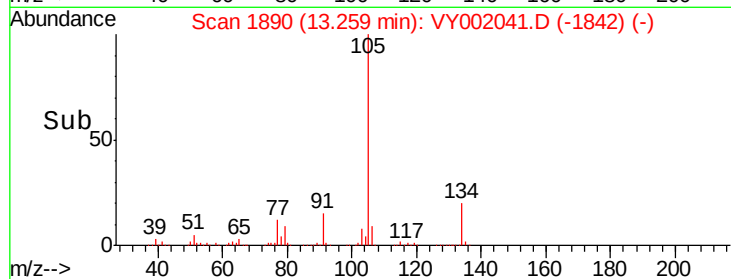
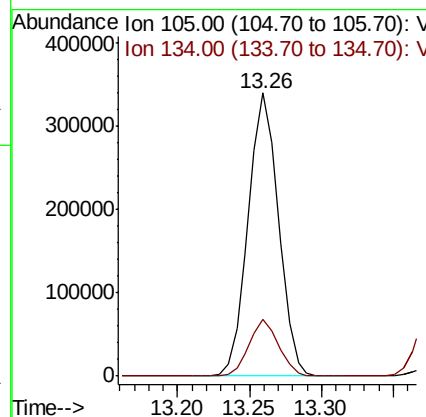
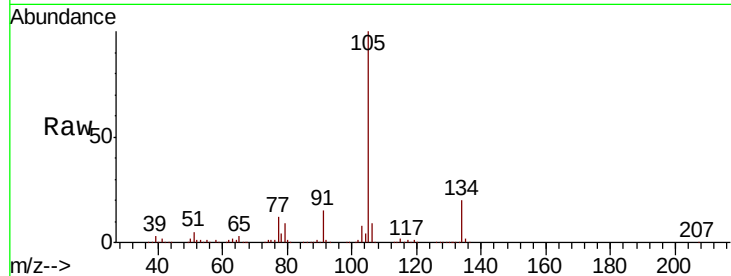
#85
 sec-Butylbenzene
 Concen: 52.200 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

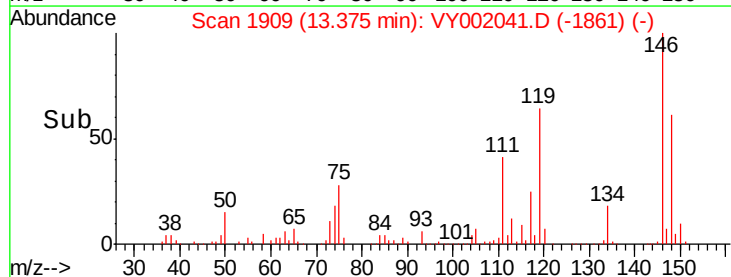
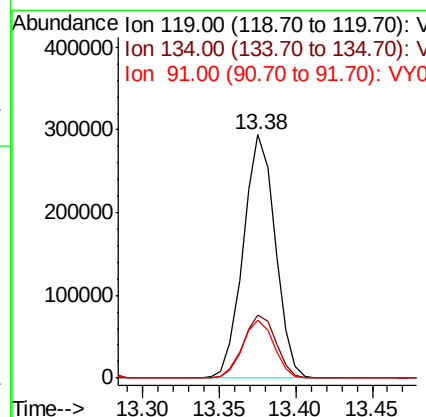
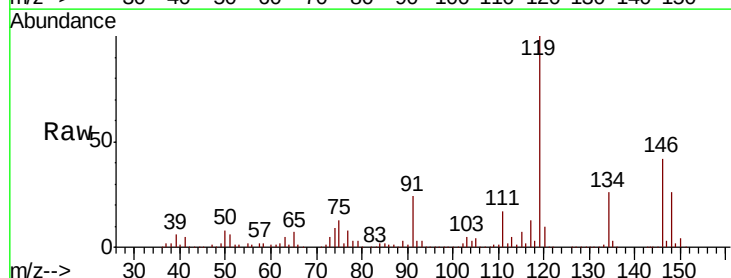
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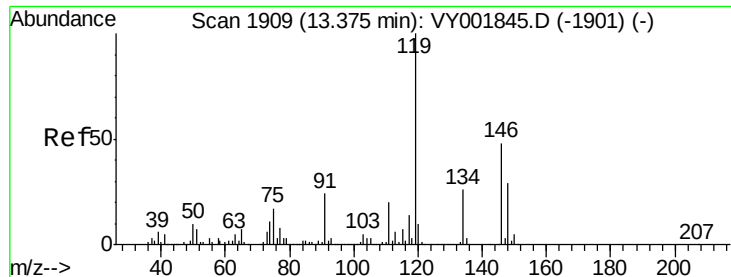
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#86
 p-Isopropyltoluene
 Concen: 52.348 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	23.7	11.9	35.7





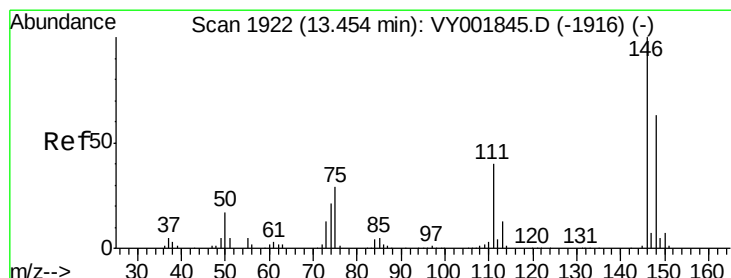
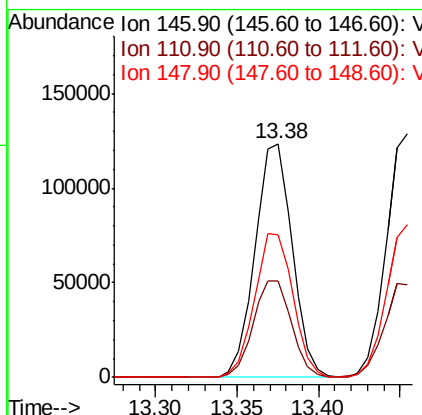
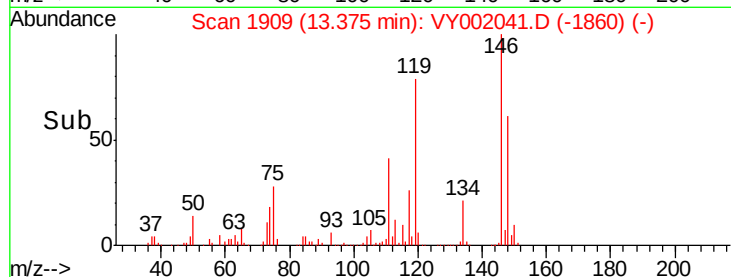
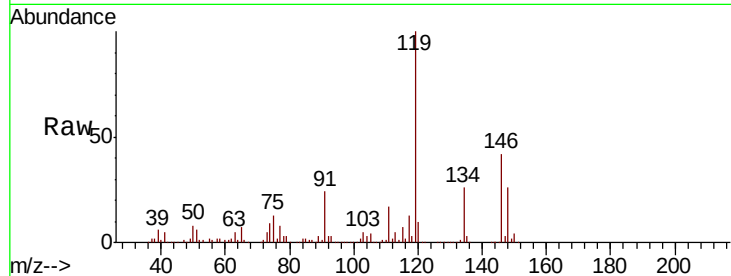
#87
1,3-Dichlorobenzene
Concen: 50.307 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.8	62.5
148	63.4	31.4	94.0

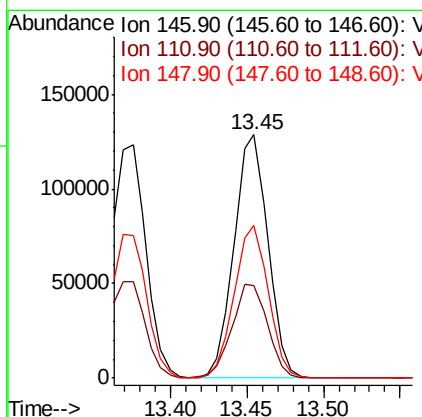
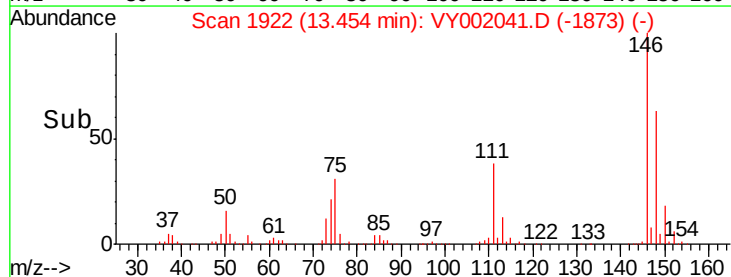
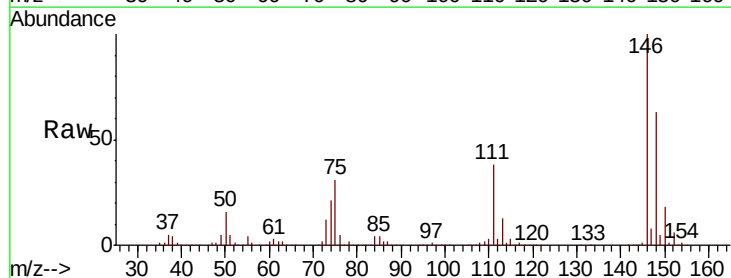
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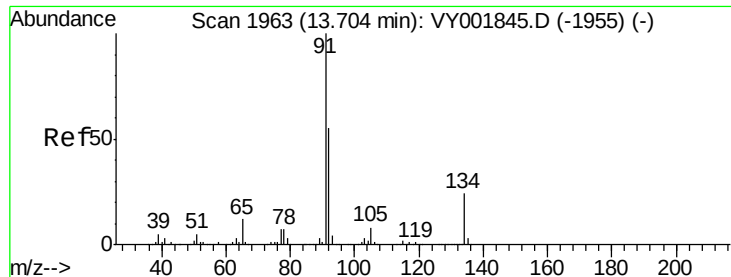
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#88
1,4-Dichlorobenzene
Concen: 49.883 ug/l
RT: 13.45 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	63.1	31.5	94.5





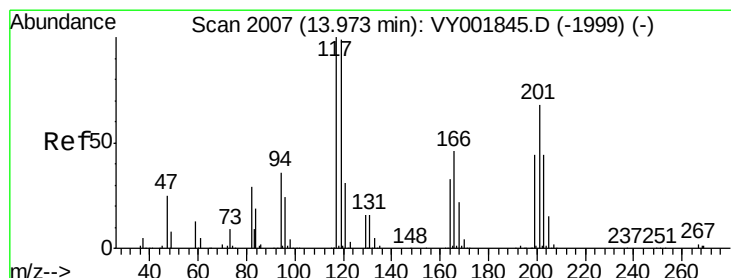
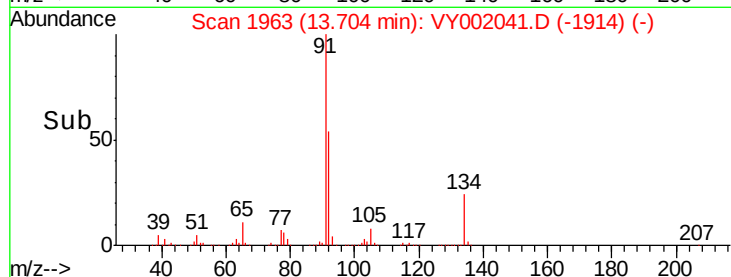
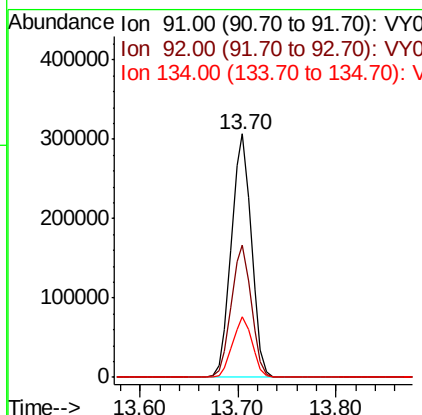
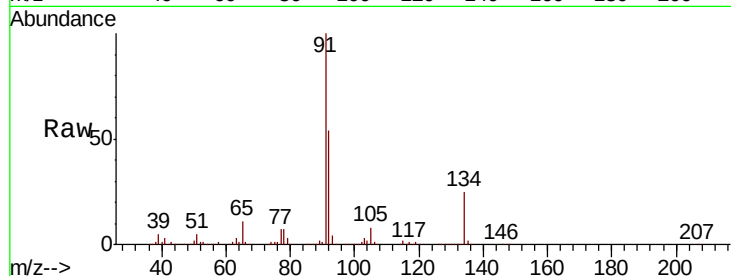
#89
n-Butylbenzene
Concen: 51.498 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.4
134	24.6	12.5	37.5

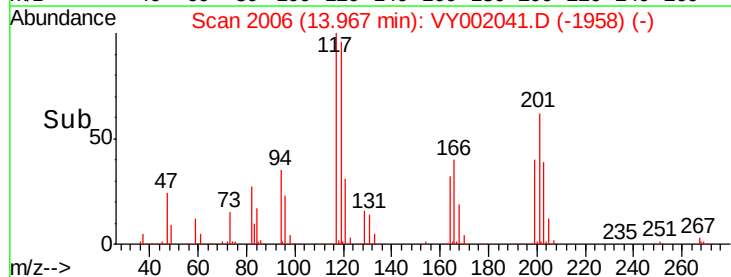
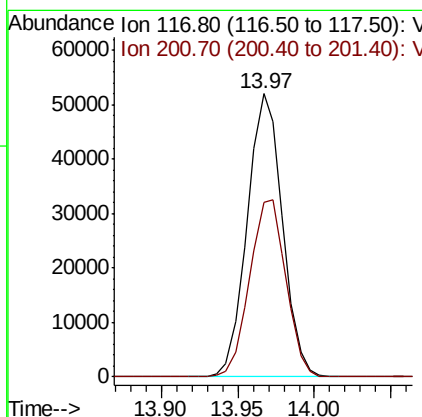
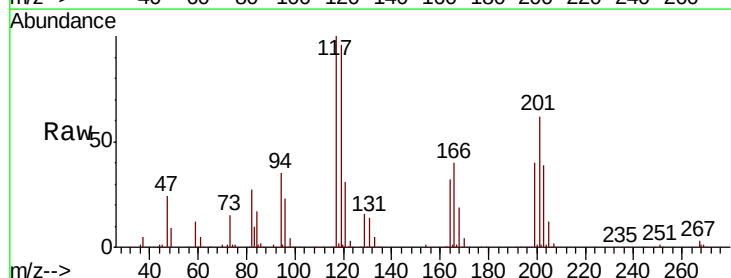
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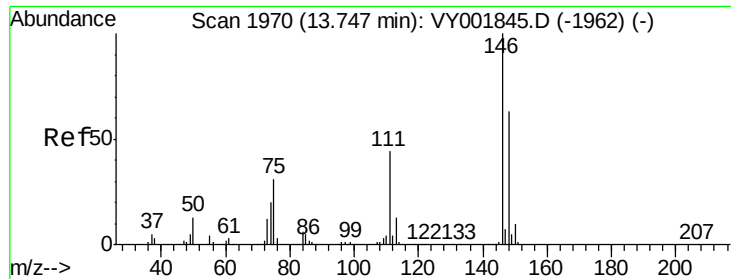
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#90
Hexachloroethane
Concen: 54.022 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.6	32.5	97.5





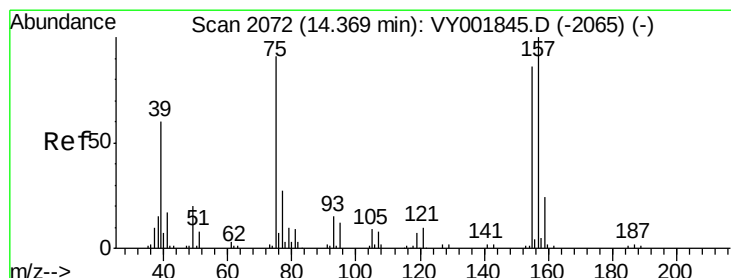
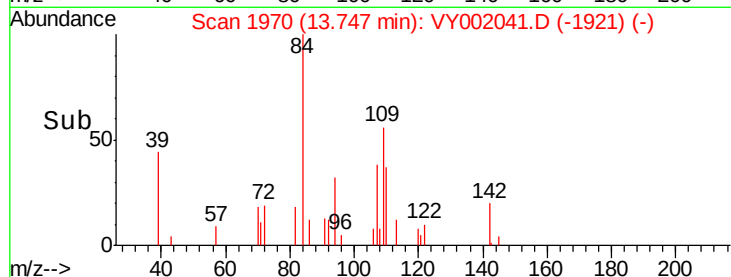
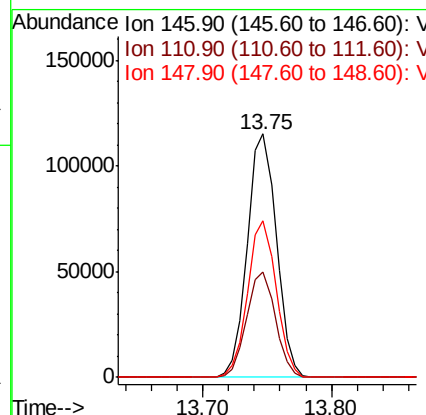
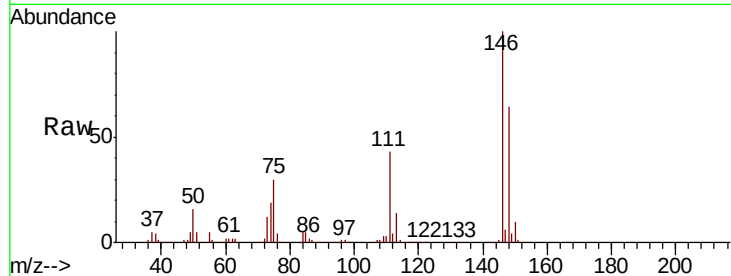
#91
 1,2-Dichlorobenzene
 Concen: 50.646 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.0	32.0	96.0

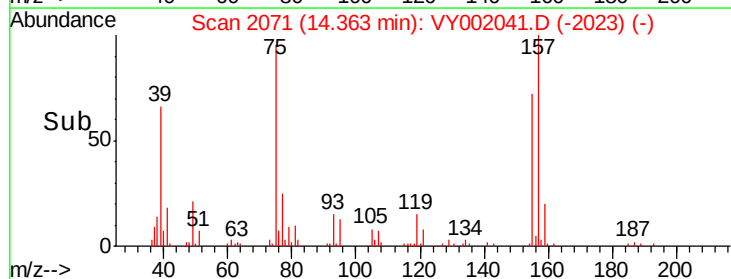
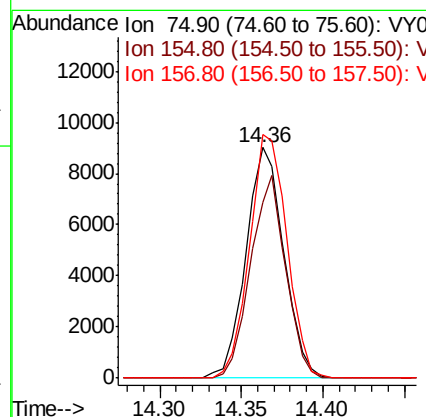
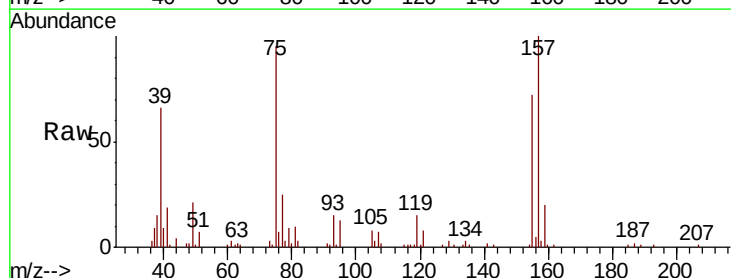
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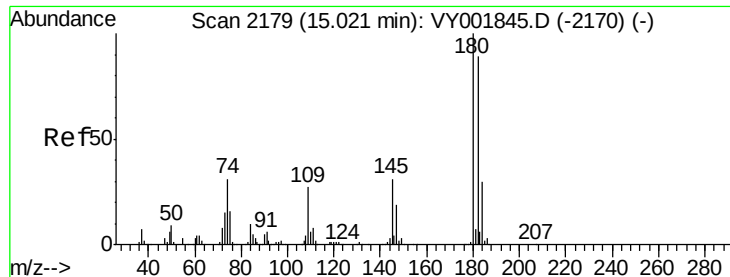
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.032 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	42.9	128.7
157	104.5	53.1	159.4





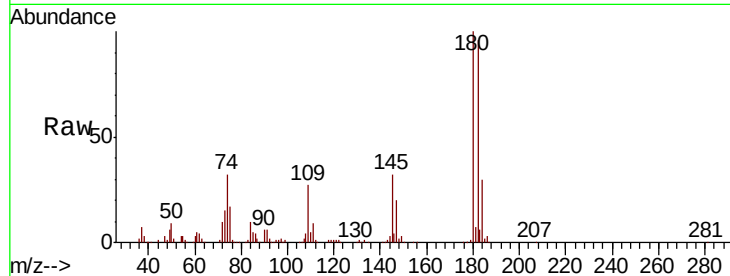
#93
 1,2,4-Trichlorobenzene
 Concen: 49.320 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

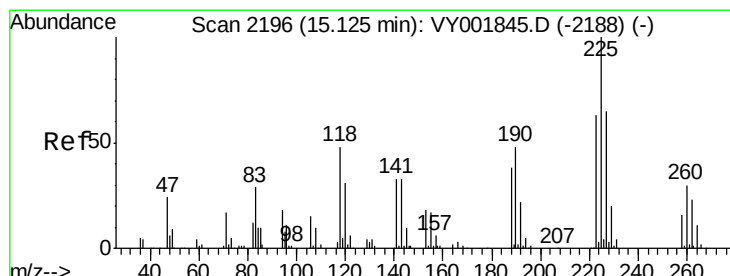
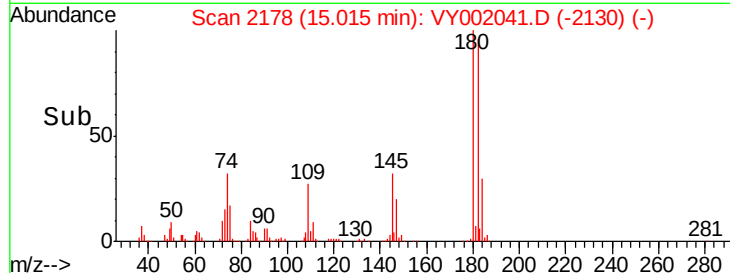
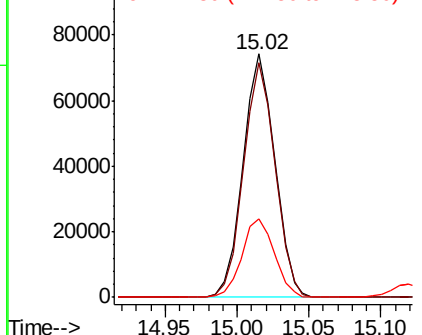
Tot Ion:	180	Resp:	113305
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.1	138.3
145	32.9	15.6	46.8

Manual Integrations
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apatel
 3/25/2020 10:37:53 AM

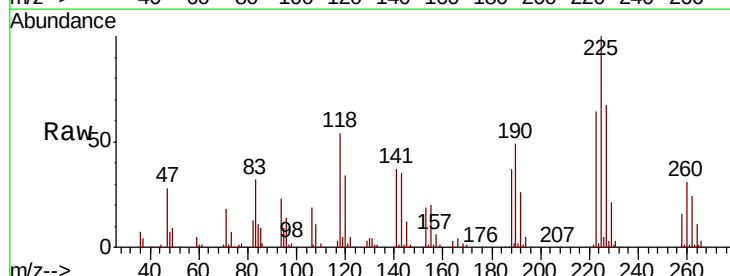


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

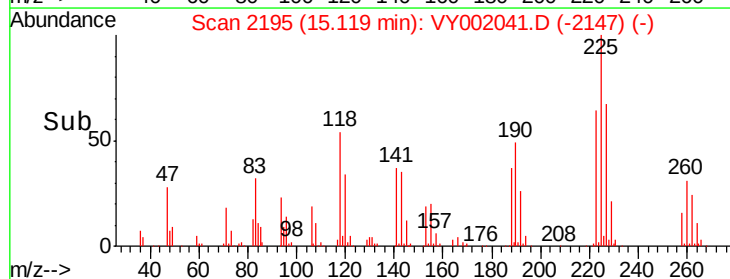
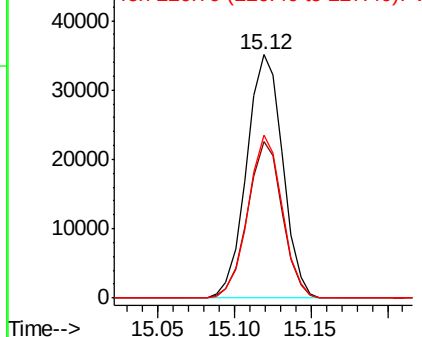


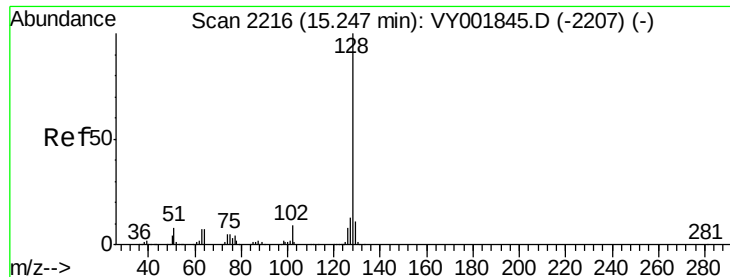
#94
 Hexachlorobutadiene
 Concen: 51.282 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002041.D
 Acq: 24 Mar 2020 10:37

Tgt Ion:	225	Resp:	57438
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.5	94.5
227	63.6	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





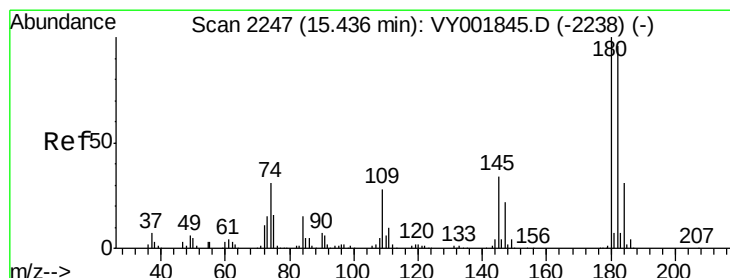
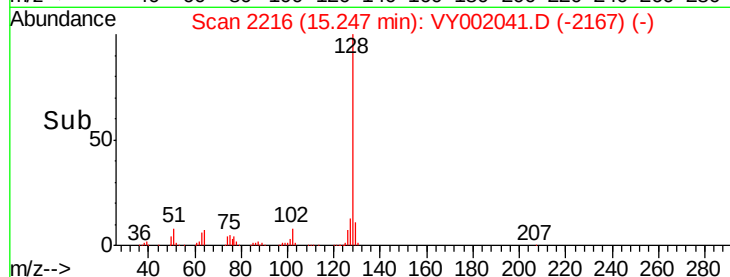
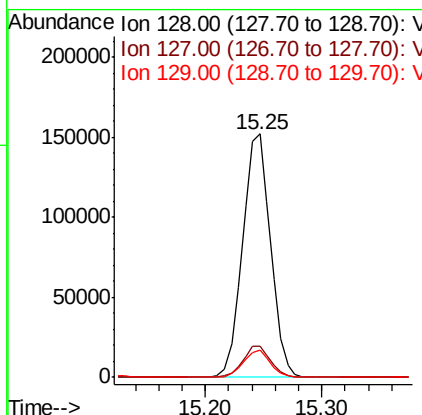
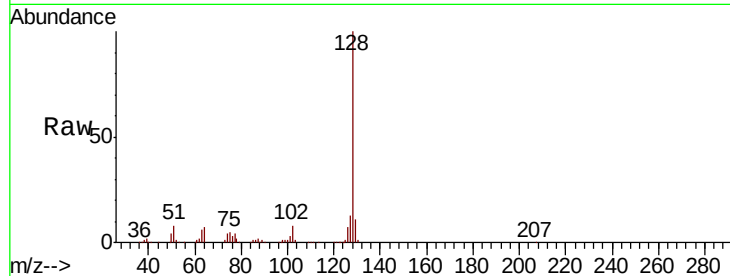
#95
Naphthalene
Concen: 46.696 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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3/25/2020 10:37:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.300 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002041.D
Acq: 24 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	34.0	16.8	50.3

