

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002060.D
 Acq On : 25 Mar 2020 11:09
 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
 3/26/2020 10:58:54 AM

Quant Time: Mar 26 06:43:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 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	7.82	168	153824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	114238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	77962	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.75	113	77814	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.20	98	307008	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.50	95	111133	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	62141	43.764	ug/l	94
3) Chloromethane	2.13	50	86329	45.096	ug/l	100
4) Vinyl Chloride	2.27	62	92258	47.379	ug/l	100
5) Bromomethane	2.67	94	60767	53.885	ug/l	100
6) Chloroethane	2.82	64	61457	50.243	ug/l	98
7) Trichlorofluoromethane	3.15	101	131875	49.937	ug/l	96
8) Diethyl Ether	3.55	74	52364	50.310	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	88636	52.184	ug/l	98
10) Methyl Iodide	4.13	142	104274	53.085	ug/l	99
11) Tert butyl alcohol	5.00	59	39632	230.116	ug/l	100
12) 1,1-Dichloroethene	3.91	96	87181	50.976	ug/l	94
13) Acrolein	3.76	56	54878	237.810	ug/l	99
14) Allyl chloride	4.52	41	162612	53.633	ug/l	100
15) Acrylonitrile	5.21	53	137045	246.403	ug/l	100
16) Acetone	3.98	43	143604	300.239	ug/l	98
17) Carbon Disulfide	4.23	76	258937	45.039	ug/l	99
18) Methyl Acetate	4.51	43	59521	48.432	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	239876	51.757	ug/l	97
20) Methylene Chloride	4.76	84	99747	48.659	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	98586	50.787	ug/l	96
22) Diisopropyl ether	6.16	45	330587	53.192	ug/l	94
23) Vinyl Acetate	6.10	43	1047288	257.047	ug/l	98
24) 1,1-Dichloroethane	6.05	63	178253	52.963	ug/l	99
25) 2-Butanone	7.02	43	191738	263.607	ug/l	100
26) 2,2-Dichloropropane	7.02	77	151234	54.748	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	110786	52.466	ug/l	99
28) Bromochloromethane	7.36	49	78641	51.839	ug/l	100
29) Tetrahydrofuran	7.38	42	113707	235.411	ug/l	100
30) Chloroform	7.53	83	168727	53.360	ug/l	99
31) Cyclohexane	7.81	56	172681	47.852	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	145848	54.725	ug/l	99
36) 1,1-Dichloropropene	7.94	75	139105	52.558	ug/l	99
37) Ethyl Acetate	7.11	43	75998	49.405	ug/l	100
38) Carbon Tetrachloride	7.93	117	121947	53.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	179624	51.169	ug/l	98
40) Benzene	8.19	78	412781	52.618	ug/l	100
41) Methacrylonitrile	7.35	41	40442m	58.419	ug/l	
42) 1,2-Dichloroethane	8.27	62	107057	52.960	ug/l	100
43) Isopropyl Acetate	8.30	43	146921	50.447	ug/l	99
44) Trichloroethene	8.96	130	100986	52.857	ug/l	98
45) 1,2-Dichloropropane	9.24	63	107450	54.487	ug/l	100
46) Dibromomethane	9.33	93	53354	52.501	ug/l	98
47) Bromodichloromethane	9.52	83	130918	55.380	ug/l	100
48) Methyl methacrylate	9.32	41	64867	50.195	ug/l	94
49) 1,4-Dioxane	9.32	88	13627	978.594	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	376542	251.015	ug/l	100
52) Toluene	10.26	92	255214	53.554	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	141737	55.032	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	167834	54.740	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	77979	52.431	ug/l	98
56) Ethyl methacrylate	10.53	69	114591	52.566	ug/l	97
57) 1,3-Dichloropropane	10.81	76	139643	52.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	184818	241.418	ug/l	99
59) 2-Hexanone	10.85	43	281682	263.085	ug/l	99
60) Dibromochloromethane	11.00	129	86259	55.041	ug/l	100
61) 1,2-Dibromoethane	11.11	107	73419	52.114	ug/l	99
64) Tetrachloroethene	10.74	164	81513	52.428	ug/l	97
65) Chlorobenzene	11.53	112	263633	53.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	88303	54.510	ug/l	99
67) Ethyl Benzene	11.61	91	494913	53.720	ug/l	99
68) m/p-Xylenes	11.72	106	367273	107.828	ug/l	99
69) o-Xylene	12.05	106	173647	54.090	ug/l	98
70) Styrene	12.06	104	299161	54.409	ug/l	99
71) Bromoform	12.22	173	48870	55.627	ug/l #	98
73) Isopropylbenzene	12.35	105	473829	54.334	ug/l	99
74) N-amyl acetate	12.16	43	134790	50.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	95118	50.579	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	70465m	51.984	ug/l	
77) Bromobenzene	12.63	156	100296	54.283	ug/l	97
78) n-propylbenzene	12.69	91	583397	54.225	ug/l	100
79) 2-Chlorotoluene	12.77	91	319307	53.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	390665	54.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34839	51.916	ug/l	99
82) 4-Chlorotoluene	12.87	91	338841	54.750	ug/l	100
83) tert-Butylbenzene	13.09	119	331995	55.677	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	390446	54.802	ug/l	100
85) sec-Butylbenzene	13.27	105	488609	55.592	ug/l	100
86) p-Isopropyltoluene	13.38	119	418407	55.185	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	195080	53.880	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	196061	53.378	ug/l	99
89) n-Butylbenzene	13.71	91	431116	54.807	ug/l	99
90) Hexachloroethane	13.97	117	80081	55.988	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	176504	53.661	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14075	47.963	ug/l	99

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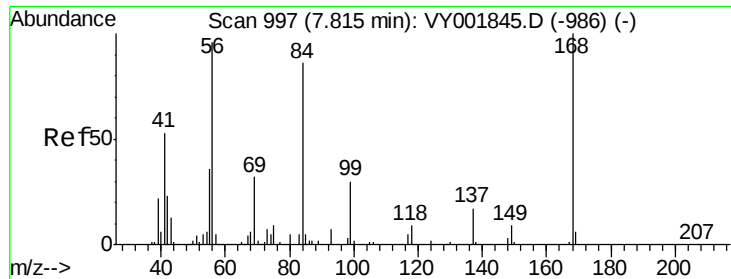
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	115273	54.039	ug/l	98
94) Hexachlorobutadiene	15.13	225	57316	55.112	ug/l	99
95) Naphthalene	15.25	128	256985	50.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99848	53.134	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 153824

Ion Ratio Lower Upper

168 100

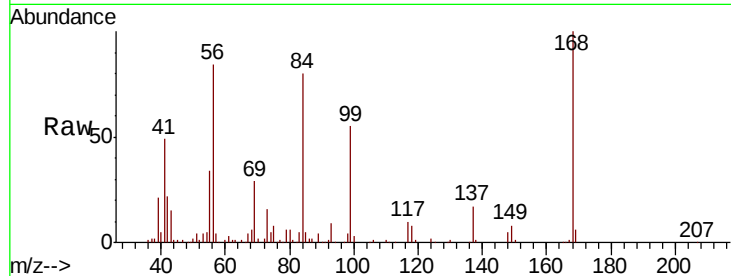
99 55.2 46.7 70.1

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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) (-)

7.82

60000

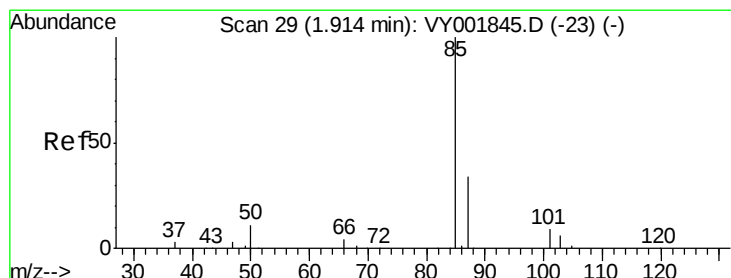
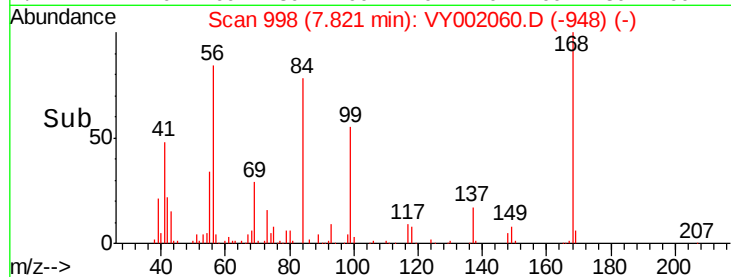
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.764 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002060.D

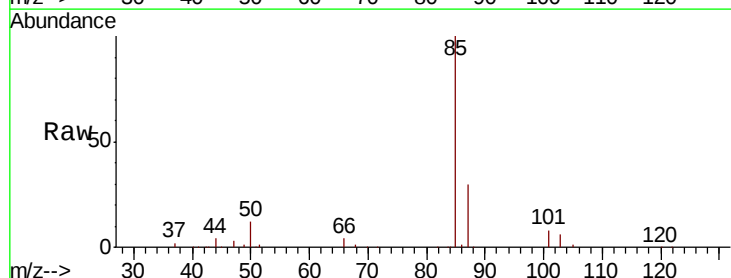
Acq: 25 Mar 2020 11:09

Tgt Ion: 85 Resp: 62141

Ion Ratio Lower Upper

85 100

87 30.5 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) (-)

1.92

50000

40000

30000

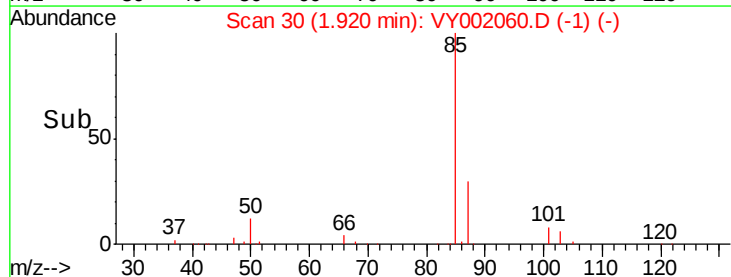
20000

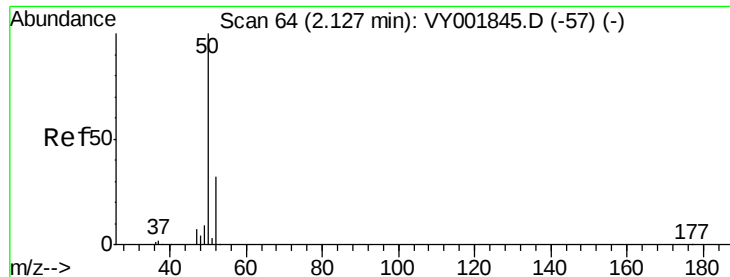
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.096 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 86329

Ion Ratio Lower Upper

50 100

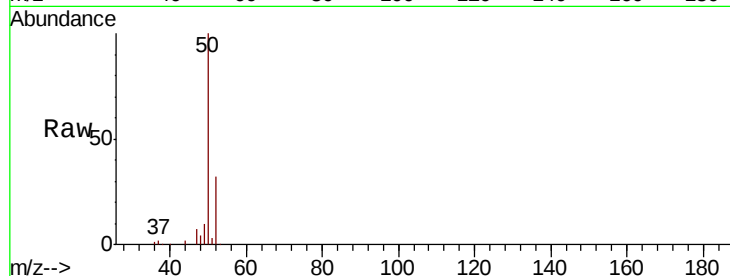
52 32.4 25.8 38.6

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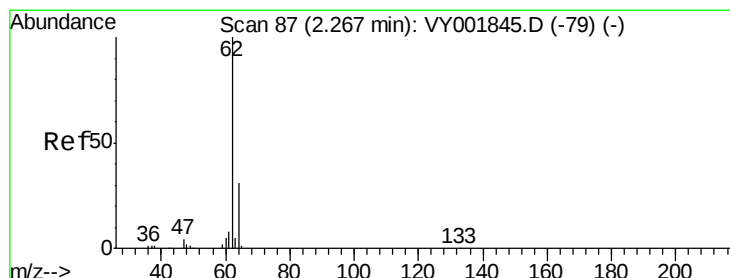
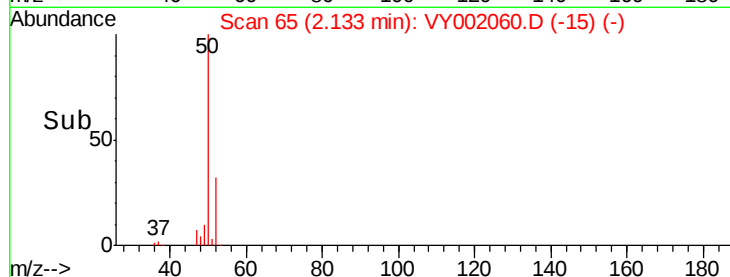
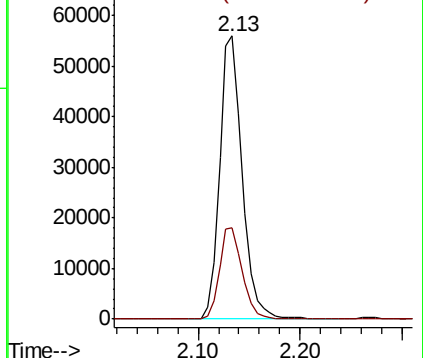
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.379 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002060.D

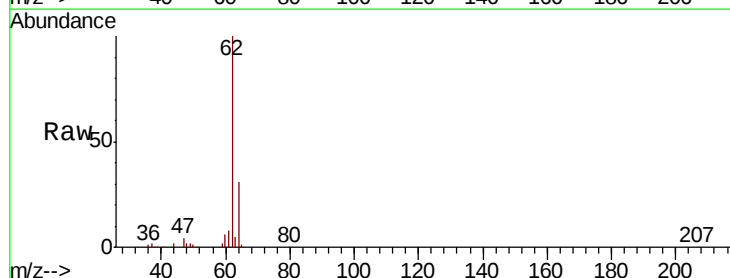
Acq: 25 Mar 2020 11:09

Tgt Ion: 62 Resp: 92258

Ion Ratio Lower Upper

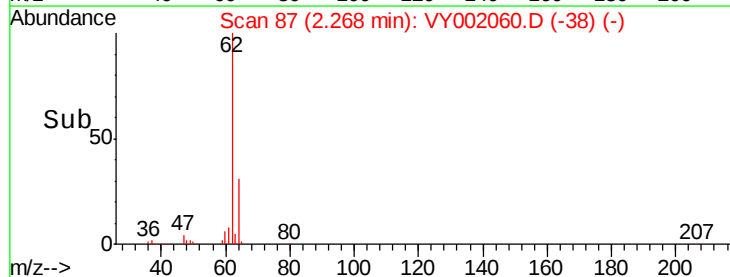
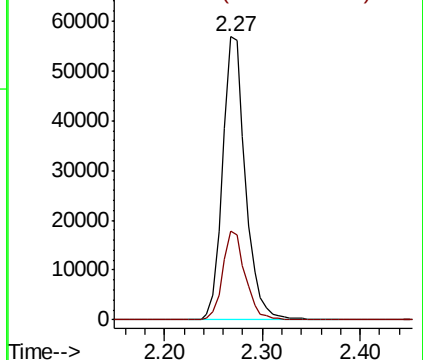
62 100

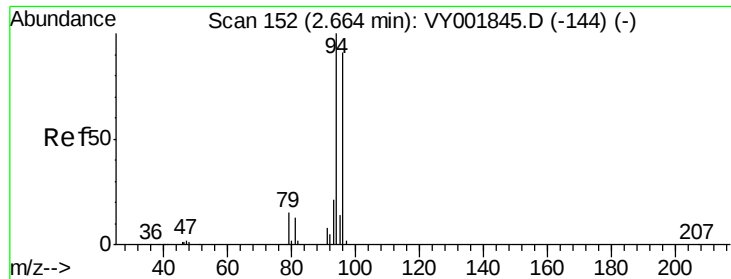
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.885 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60767

Ion Ratio Lower Upper

94 100

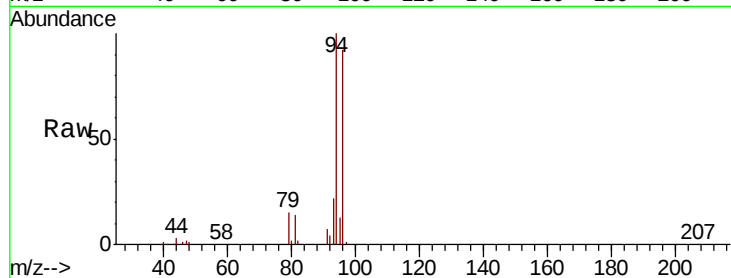
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Manual Integrations

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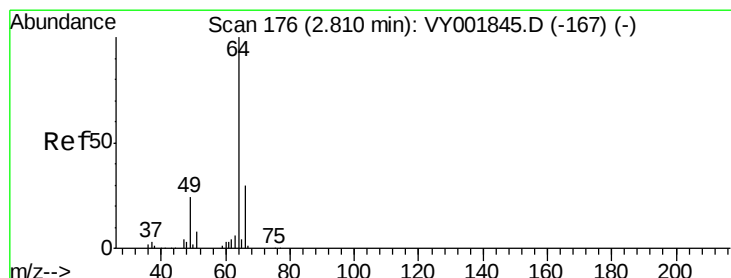
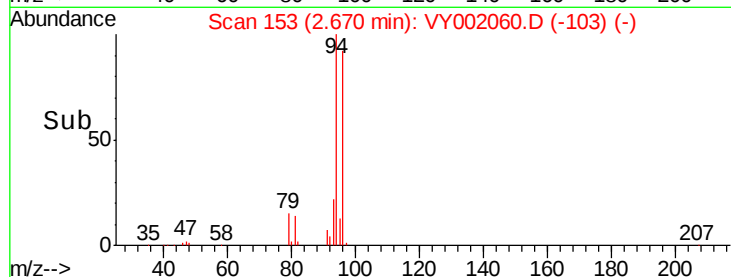
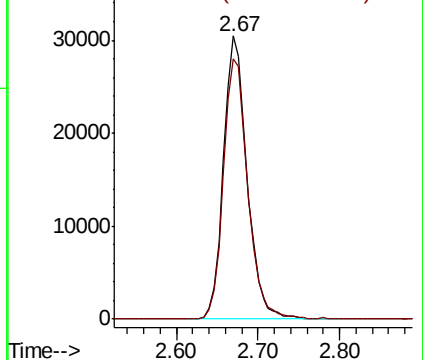
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.243 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002060.D

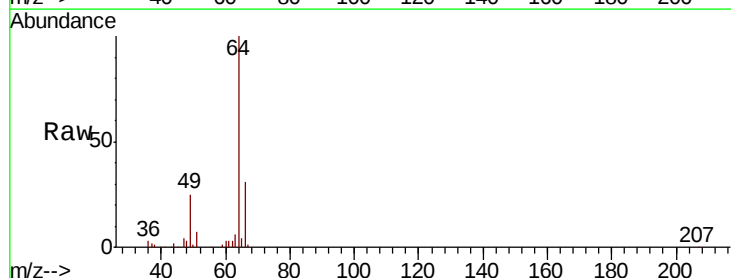
Acq: 25 Mar 2020 11:09

Tgt Ion: 64 Resp: 61457

Ion Ratio Lower Upper

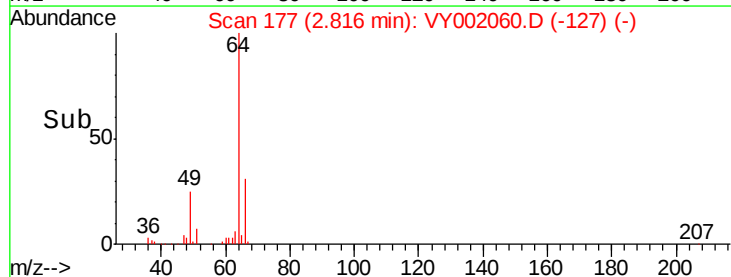
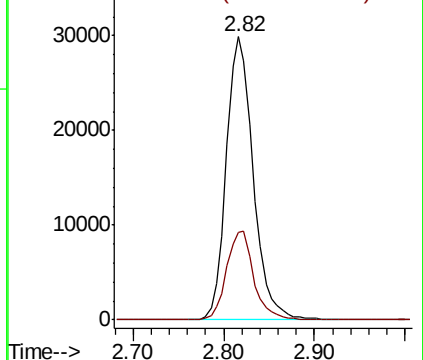
64 100

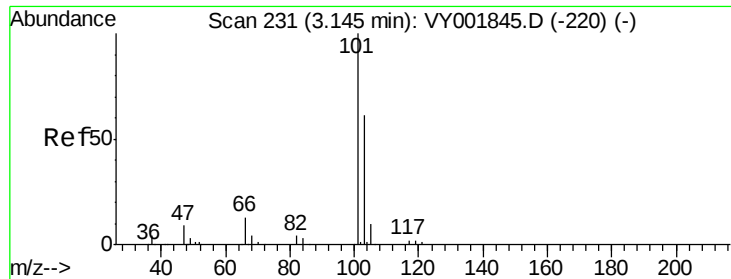
66 30.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

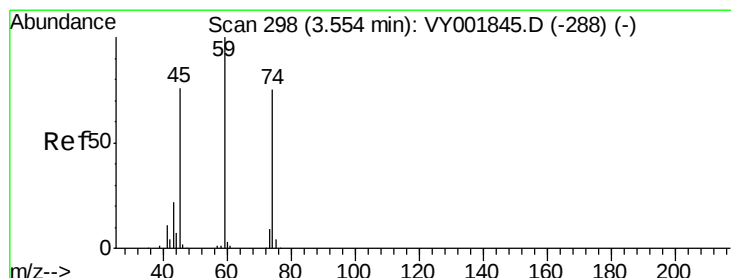
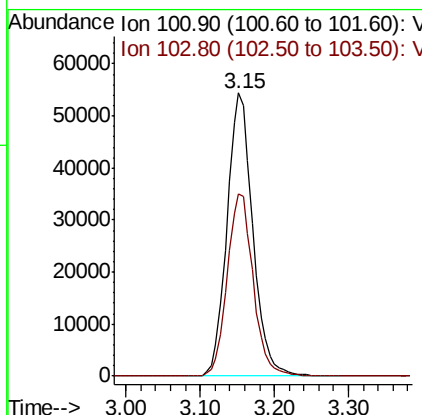
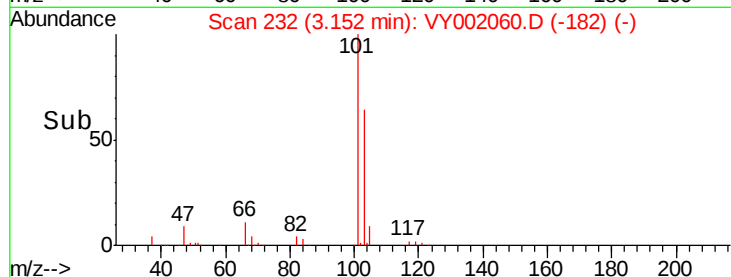
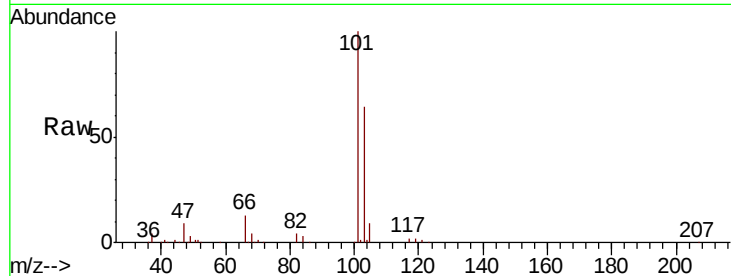
Trichlorofluoromethane
Concen: 49.937 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	49.1	73.7

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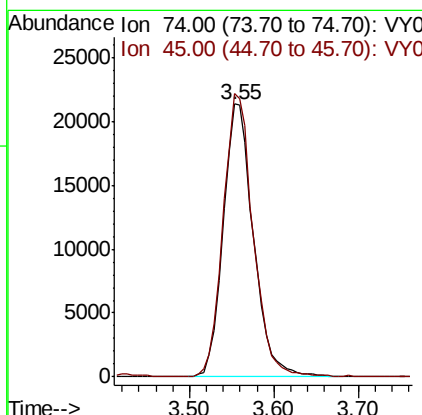
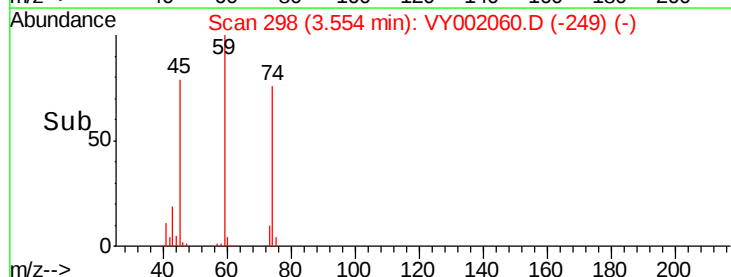
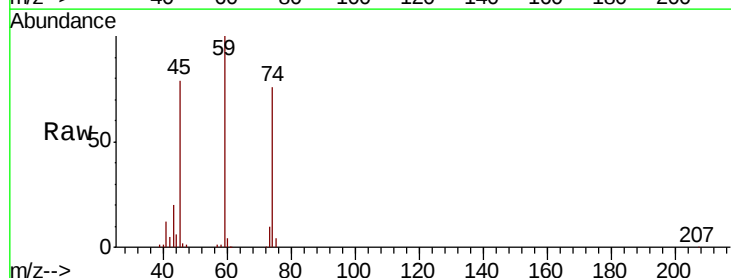
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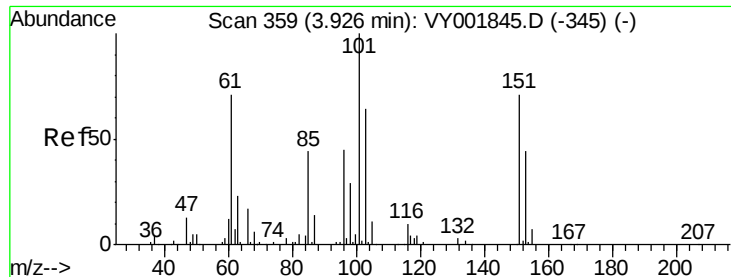


#8

Diethyl Ether
Concen: 50.310 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.184 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

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Acq: 25 Mar 2020 11:09

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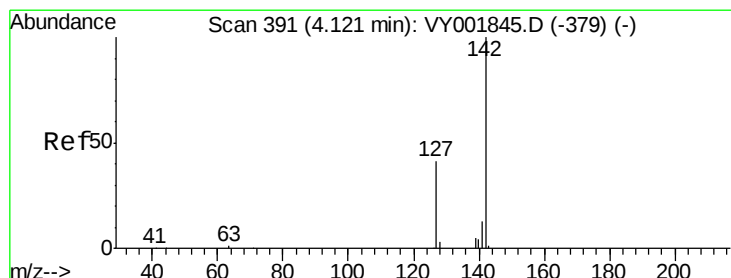
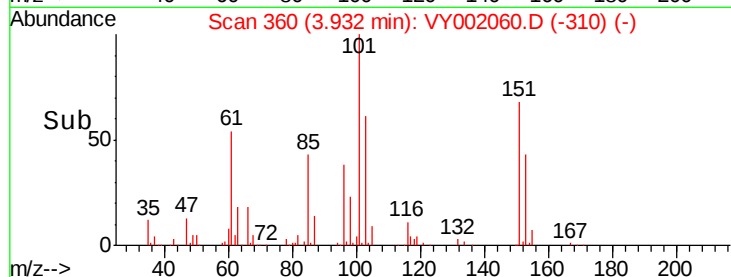
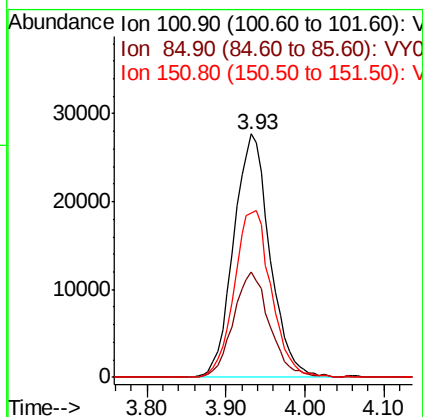
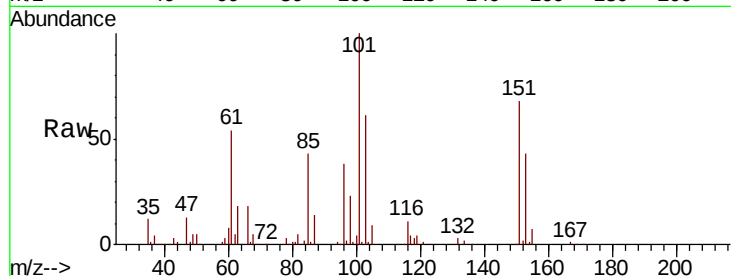
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	88636
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.3	52.9
151	69.7	57.0	85.4

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#10

Methyl Iodide

Concen: 53.085 ug/l

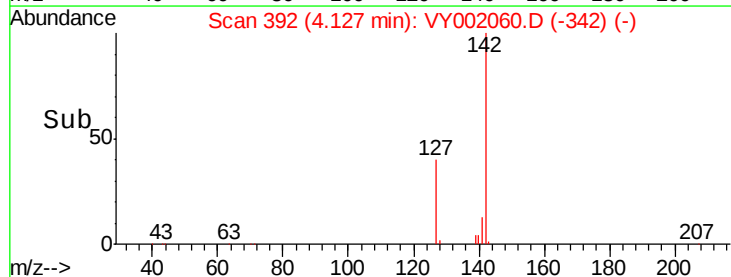
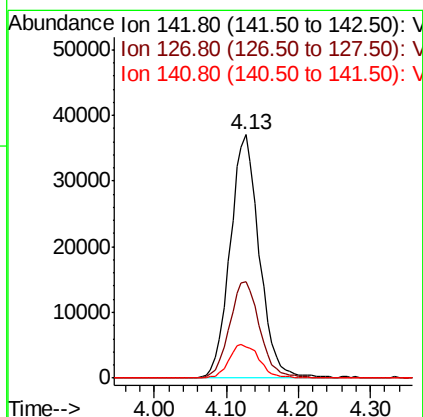
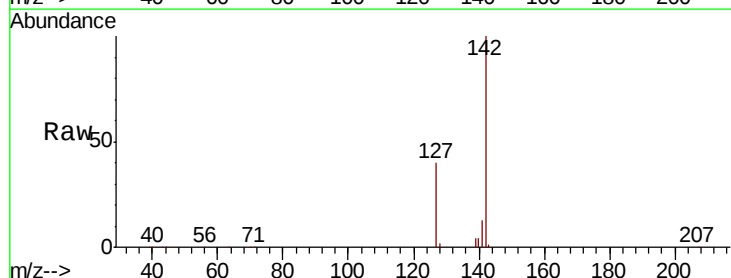
RT: 4.13 min Scan# 392

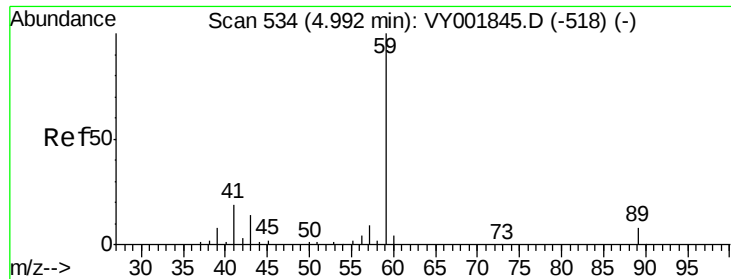
Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion:	142	Resp:	104274
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.7	49.1
141	14.3	11.0	16.6





#11

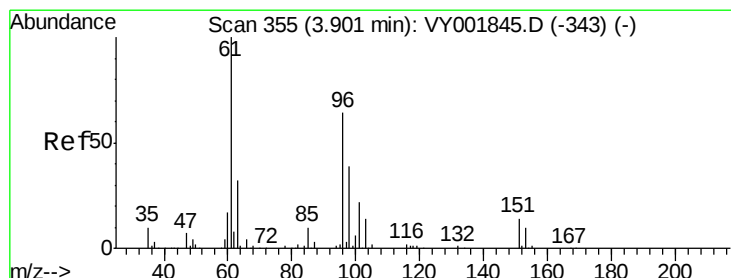
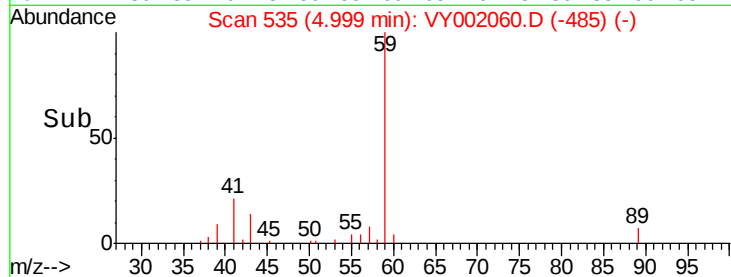
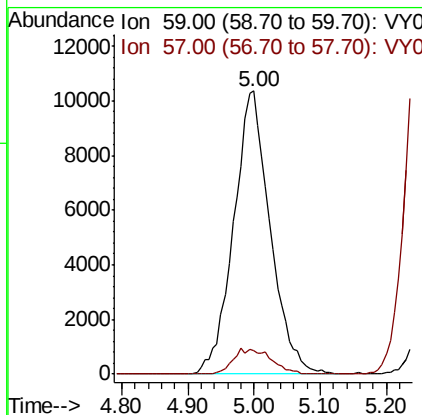
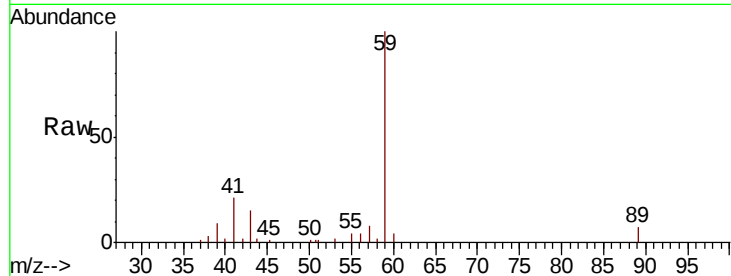
Tert butyl alcohol
Concen: 230.116 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.4	11.2

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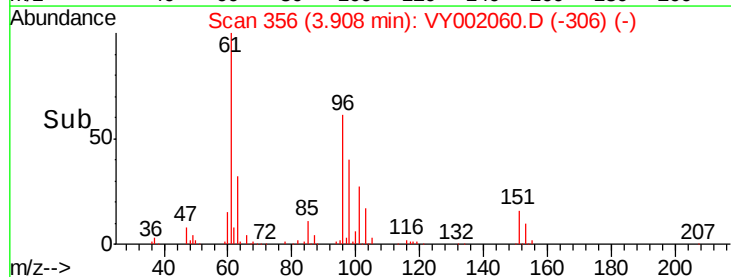
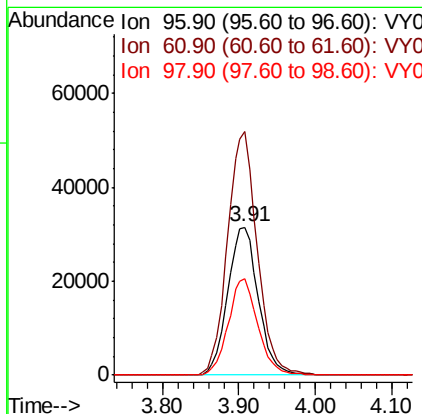
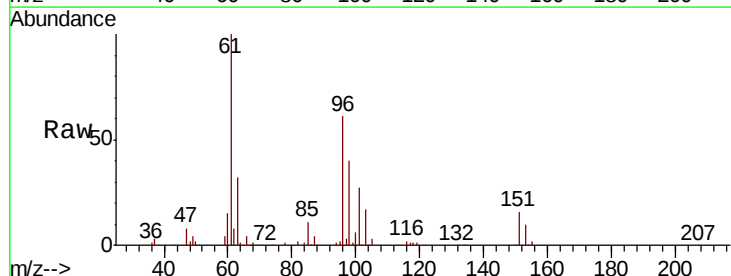
apatel
3/26/2020 10:58:54 AM

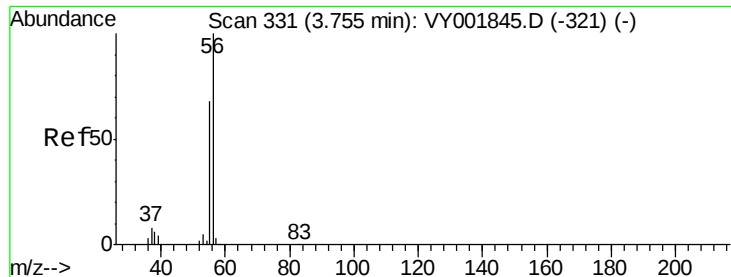


#12

1,1-Dichloroethene
Concen: 50.976 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	124.8	187.2
98	65.1	49.2	73.8





#13

Acrolein

Concen: 237.810 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54878

Ion Ratio Lower Upper

56 100

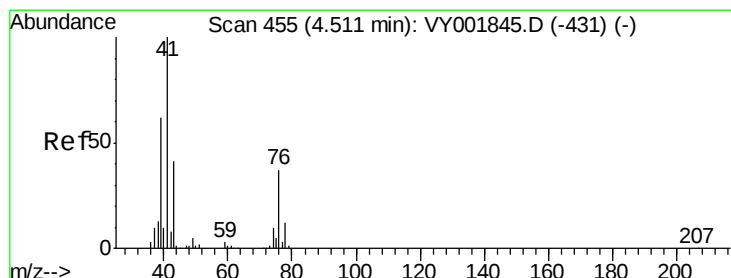
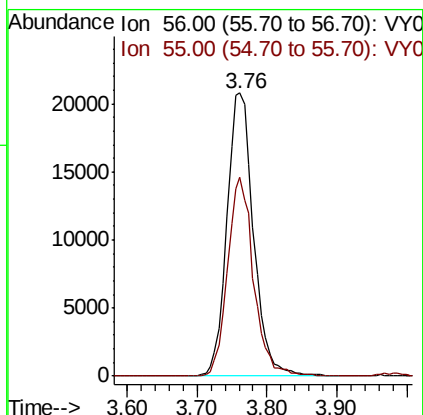
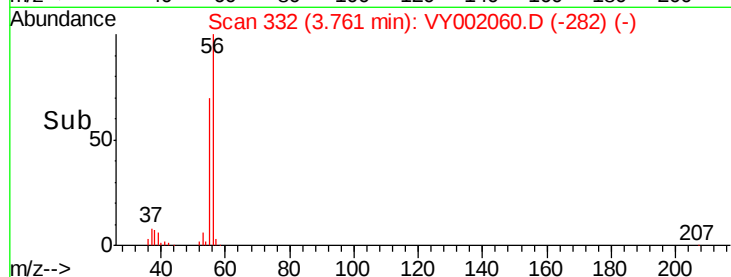
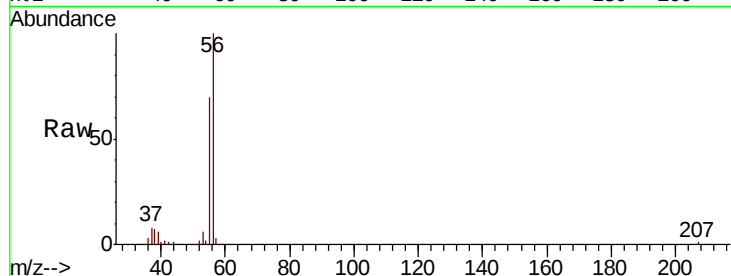
55 68.5 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 53.633 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

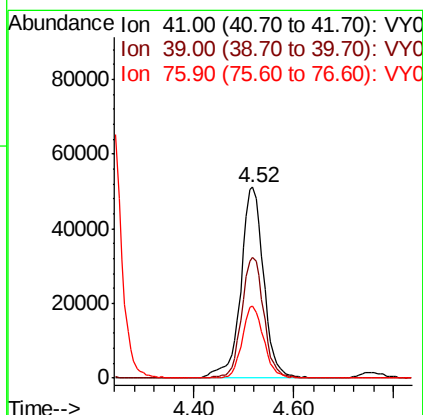
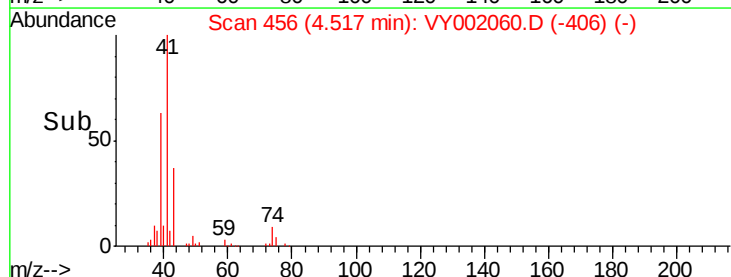
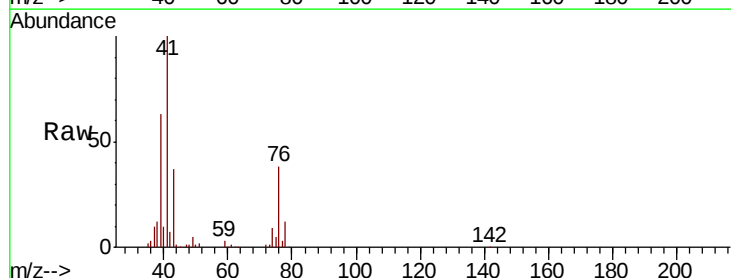
Tgt Ion: 41 Resp: 162612

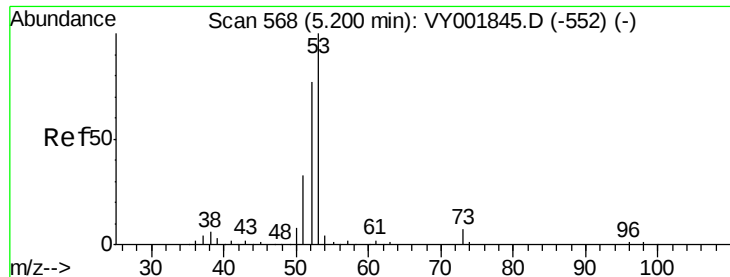
Ion Ratio Lower Upper

41 100

39 61.5 49.0 73.6

76 35.6 28.9 43.3





#15

Acrylonitrile

Concen: 246.403 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

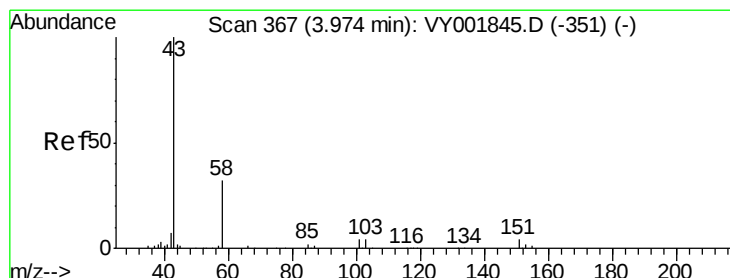
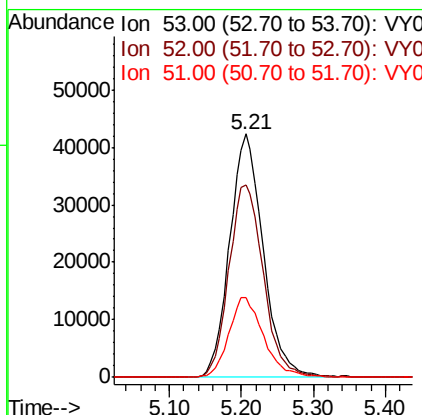
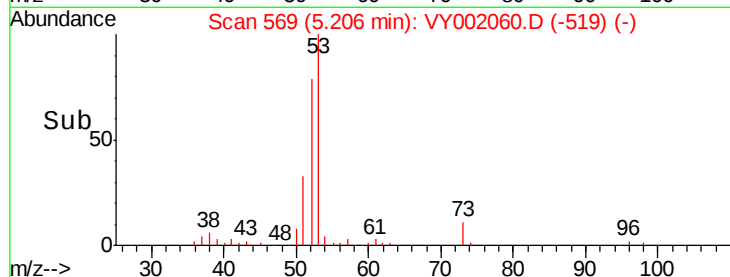
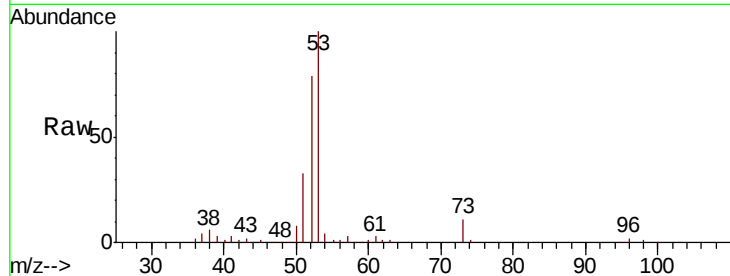
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	137045
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.1	97.7
51	34.1	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 300.239 ug/l

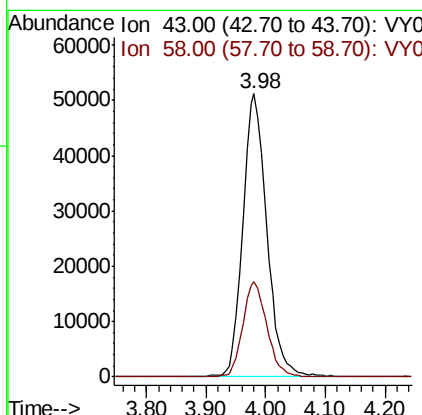
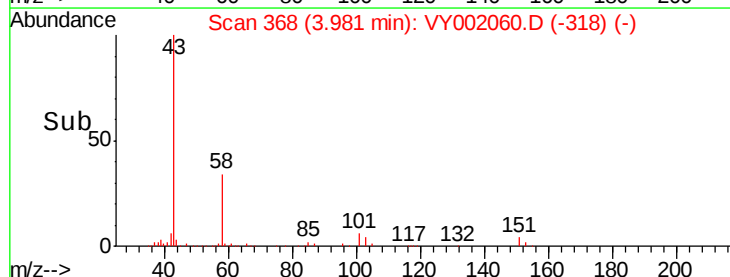
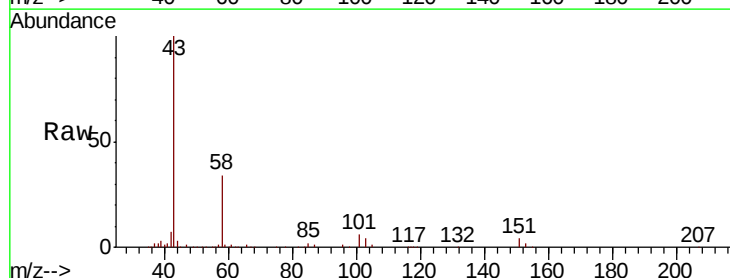
RT: 3.98 min Scan# 368

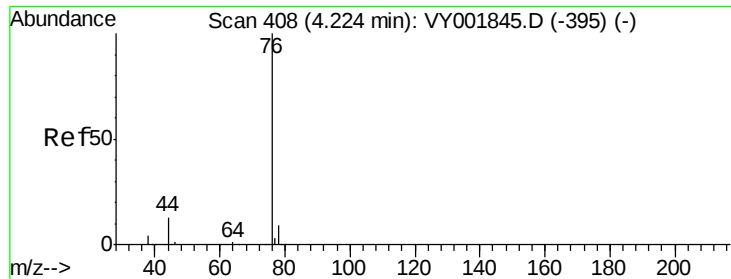
Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion:	43	Resp:	143604
Ion Ratio	Lower	Upper	
43	100		
58	33.6	25.9	38.9





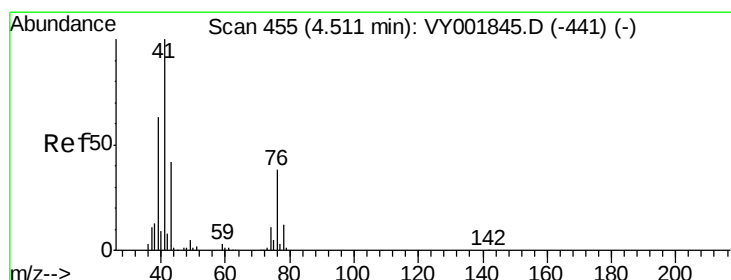
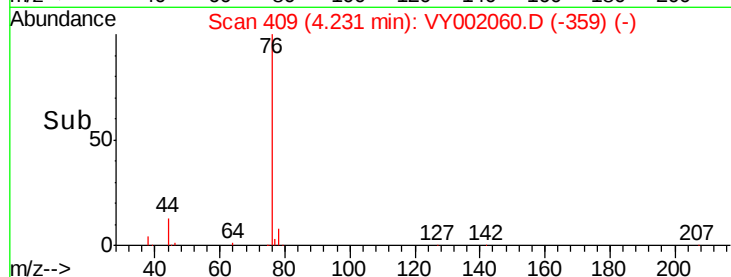
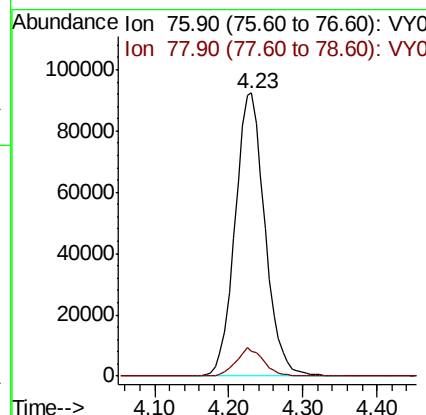
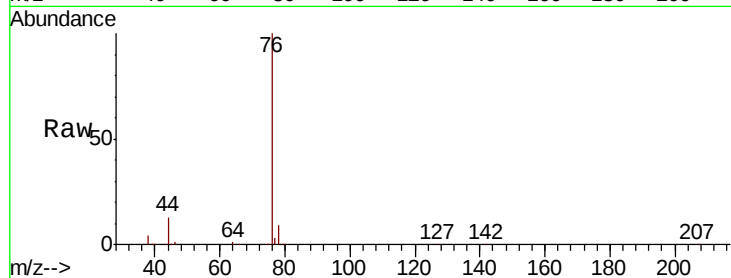
#17
Carbon Disulfide
Concen: 45.039 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

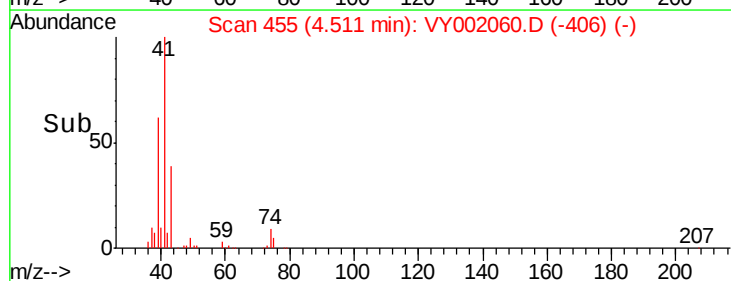
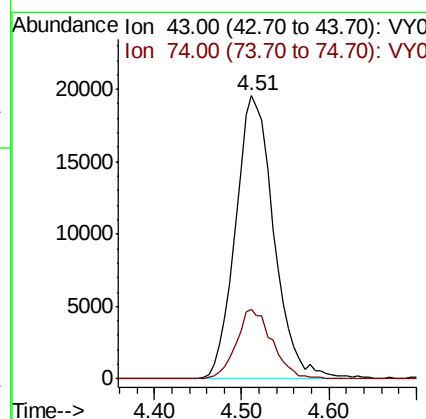
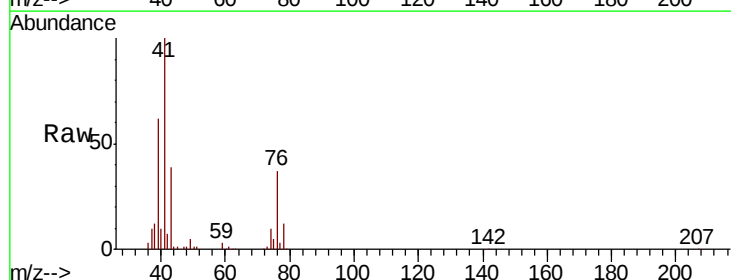
Manual Integrations
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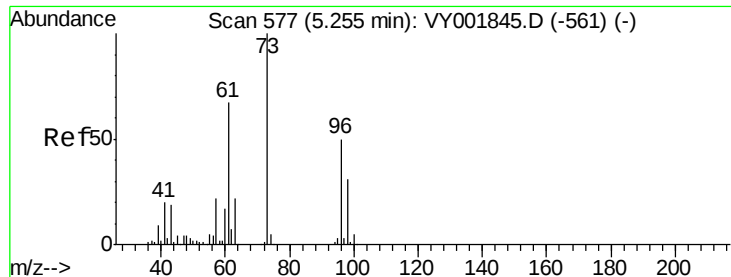
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#18
Methyl Acetate
Concen: 48.432 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.0	28.6





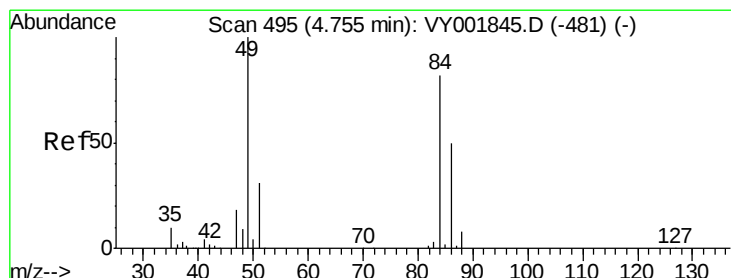
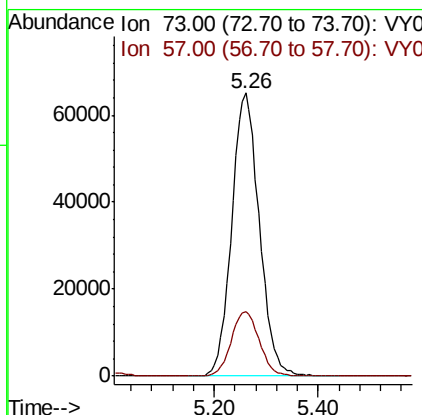
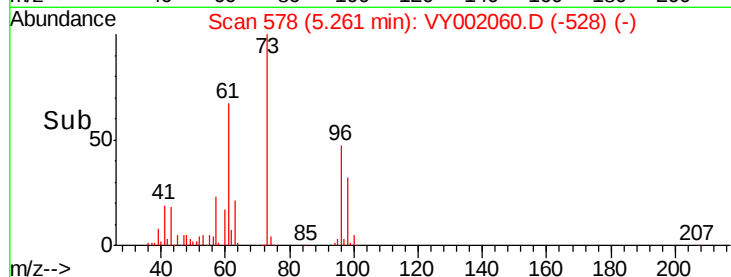
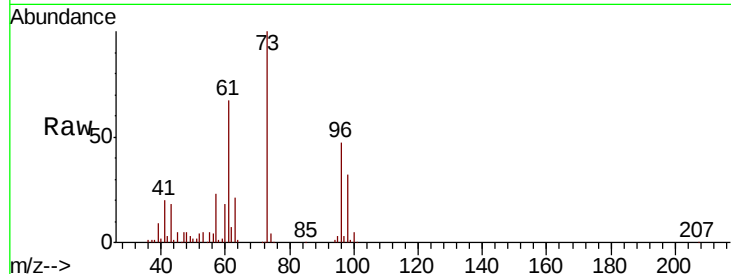
#19
Methvl tert-butvl Ether
Concen: 51.757 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 239876
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2

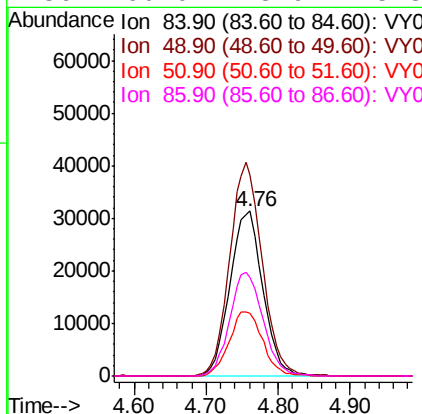
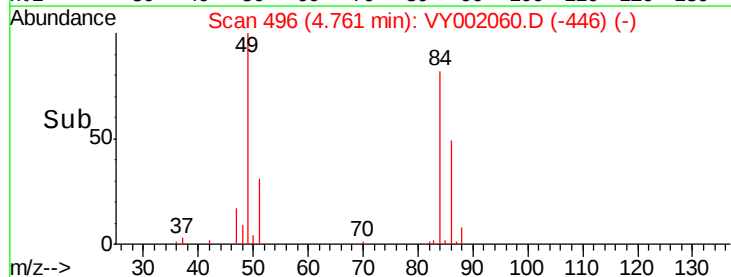
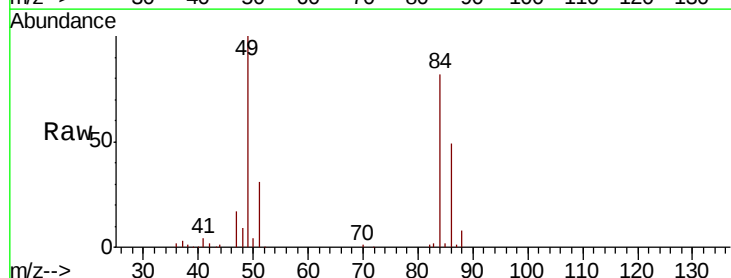
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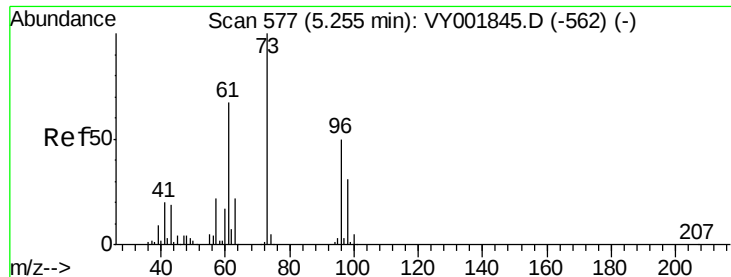
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#20
Methylene Chloride
Concen: 48.659 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 84 Resp: 99747
Ion Ratio Lower Upper
84 100
49 121.8 98.2 147.2
51 37.9 30.2 45.2
86 60.0 48.9 73.3





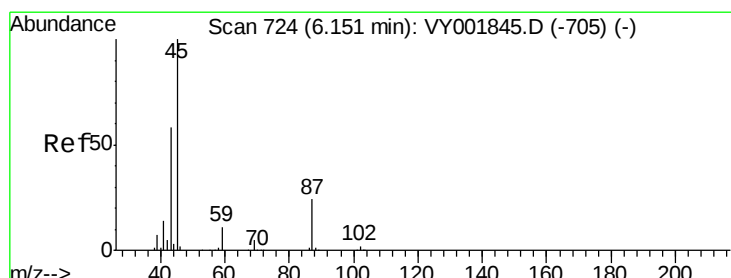
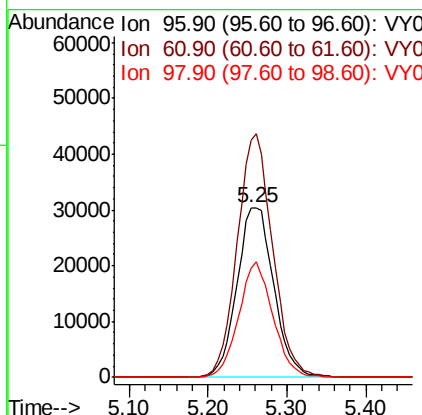
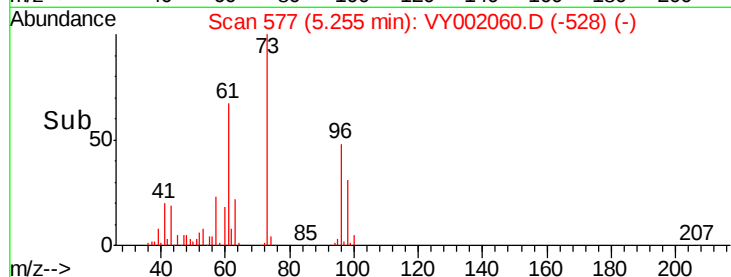
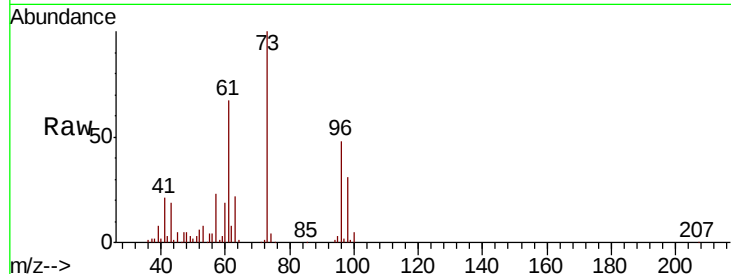
#21
trans-1,2-Dichloroethene
Concen: 50.787 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	107.7	161.5
98	64.5	49.3	73.9

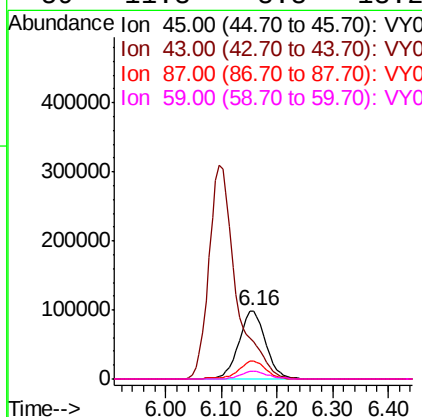
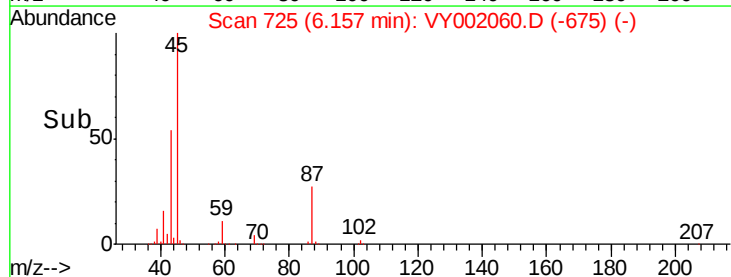
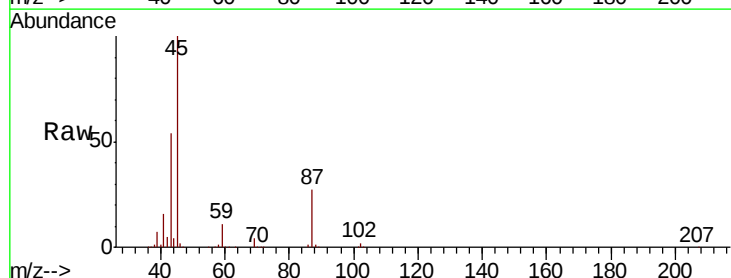
Manual Integrations
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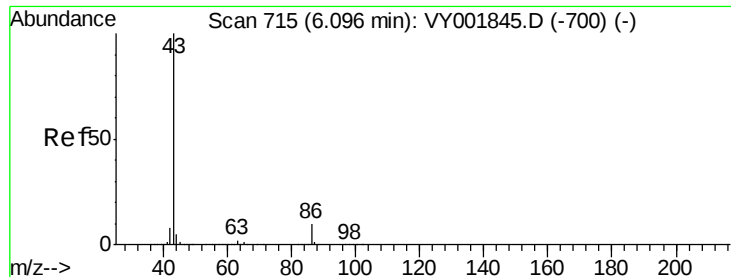
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#22
Diisopropyl ether
Concen: 53.192 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.5	47.2	70.8
87	26.6	19.8	29.8
59	11.3	8.8	13.2





#23

Vinyl Acetate

Concen: 257.047 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1047288

Ion Ratio Lower Upper

43 100

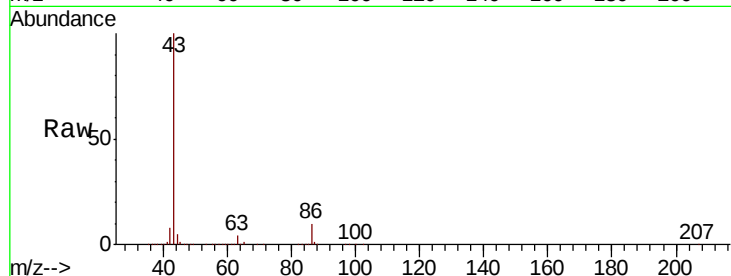
86 10.5 7.8 11.8

Manual Integrations

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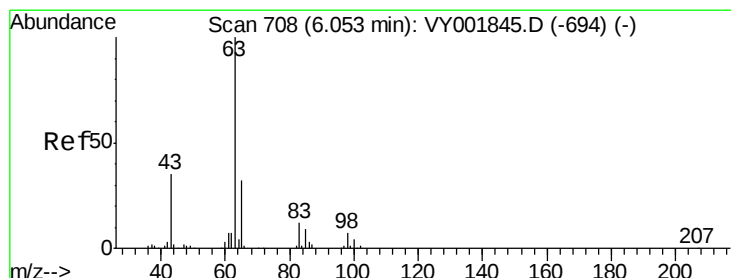
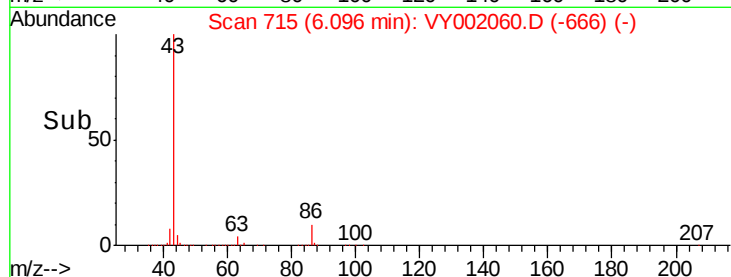
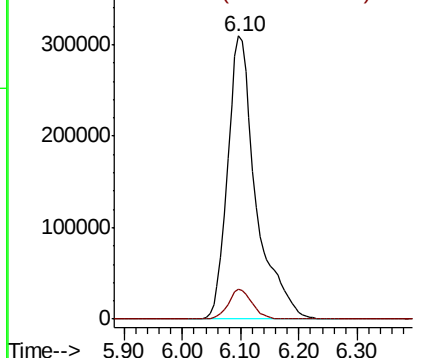
apatel

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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: 52.963 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

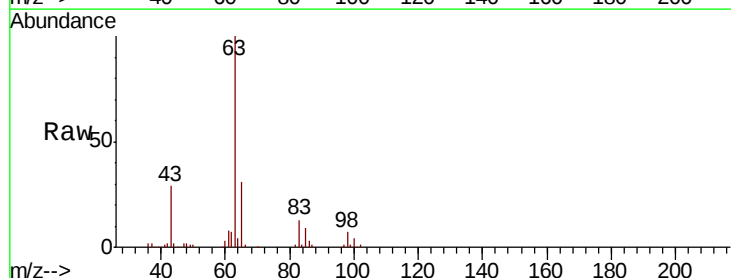
Tgt Ion: 63 Resp: 178253

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

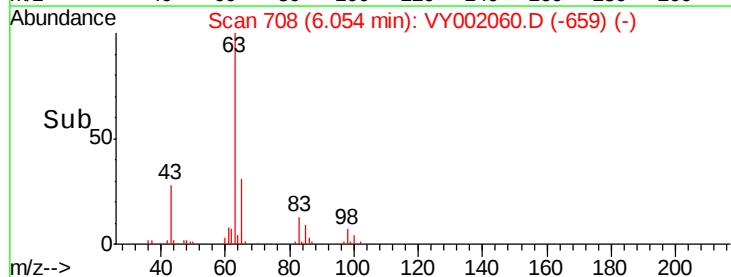
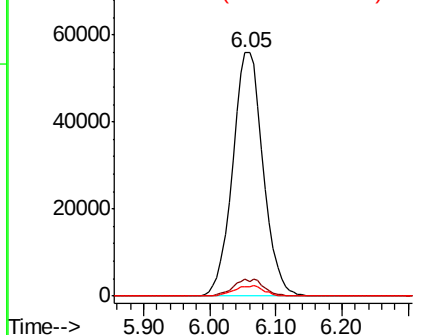
100 3.6 2.0 6.0

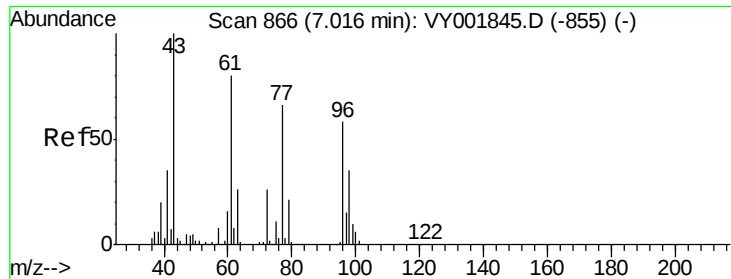


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





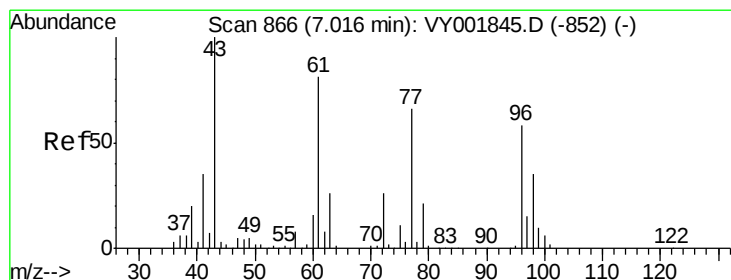
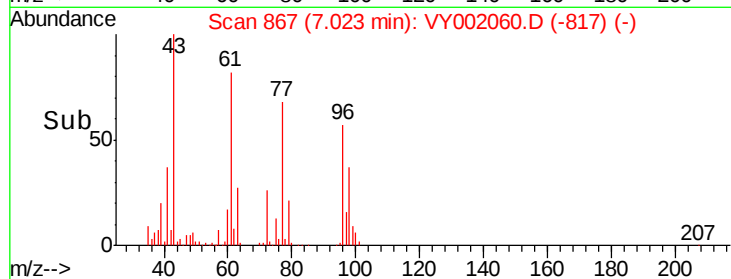
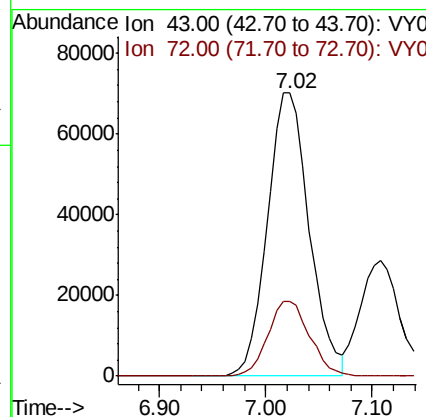
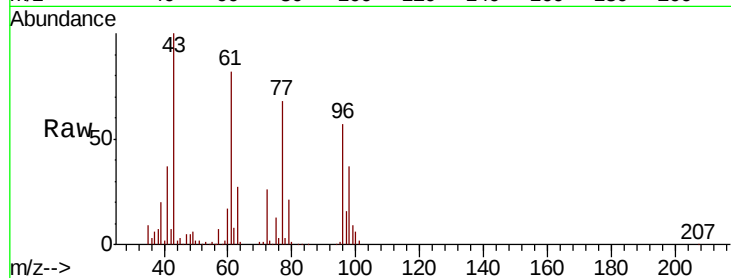
#25
2-Butanone
Concen: 263.607 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 191738
Ion Ratio Lower Upper
43 100
72 26.3 20.9 31.3

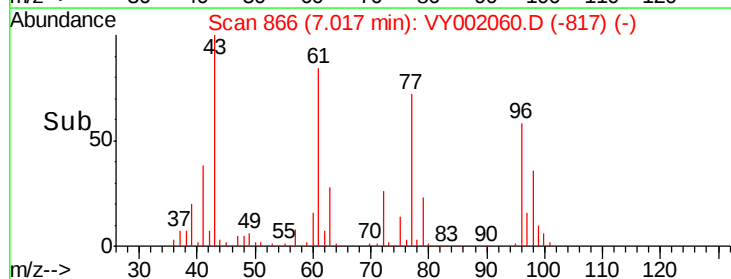
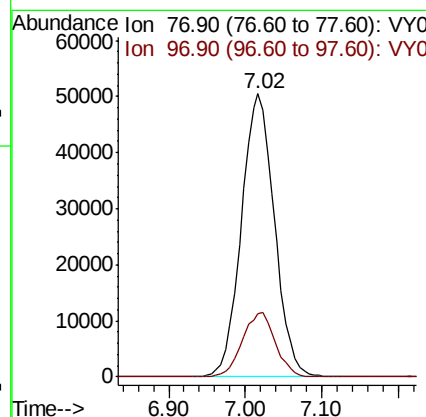
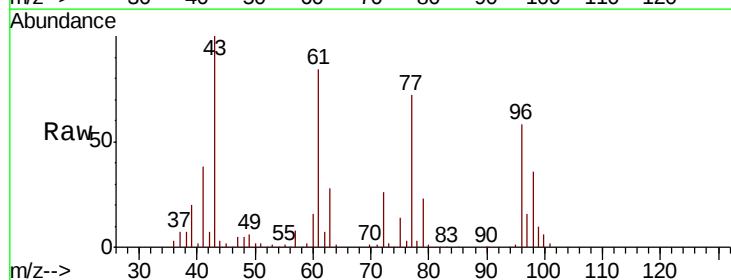
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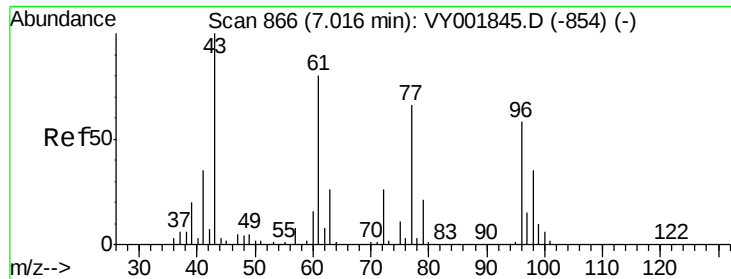
apatel
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#26
2,2-Dichloropropane
Concen: 54.748 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 77 Resp: 151234
Ion Ratio Lower Upper
77 100
97 22.7 11.9 35.7





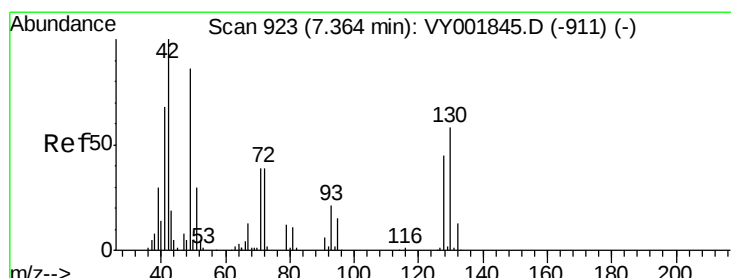
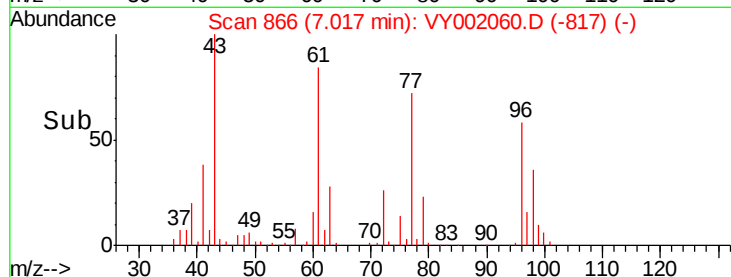
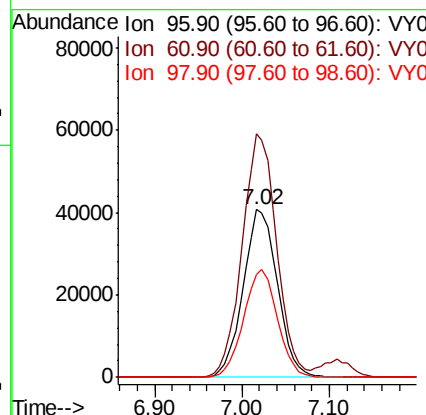
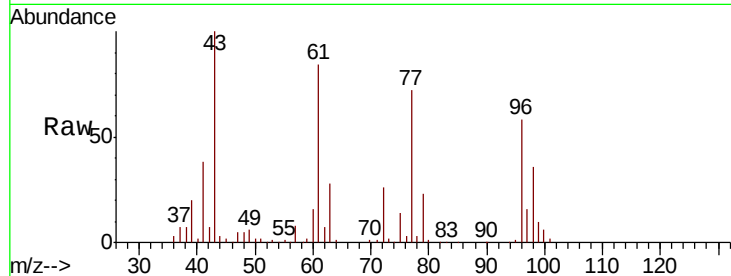
#27
 cis-1,2-Dichloroethene
 Concen: 52.466 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.2	0.0	288.2	
98	63.8	0.0	129.0	

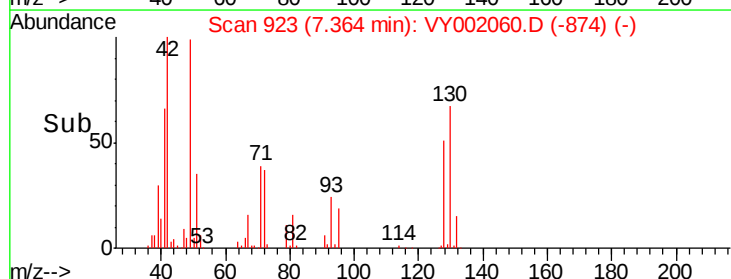
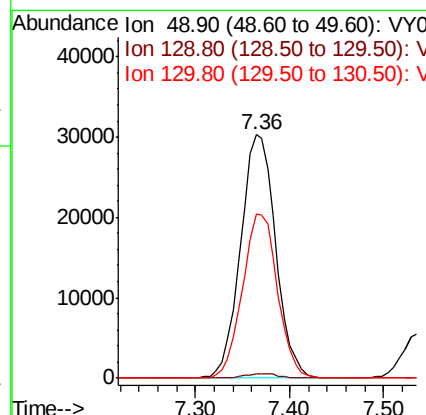
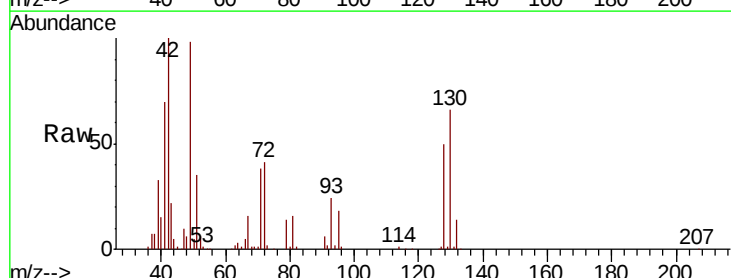
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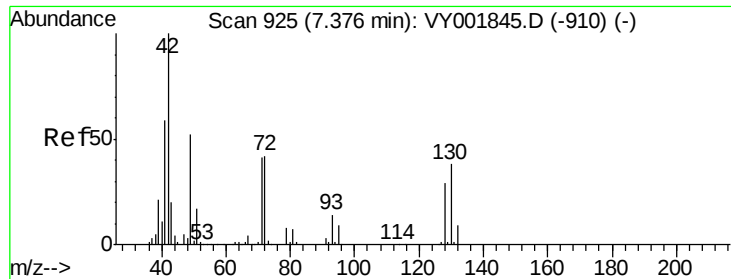
apatel
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#28
 Bromochloromethane
 Concen: 51.839 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.8	
130	67.7	54.4	81.6	





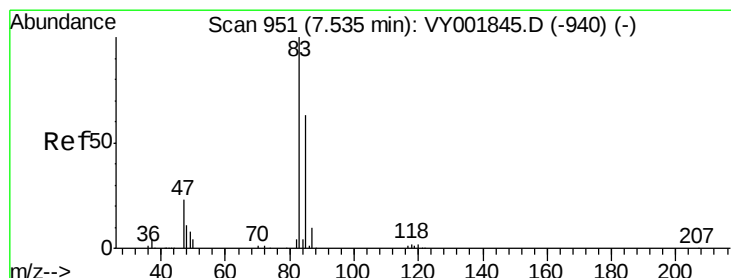
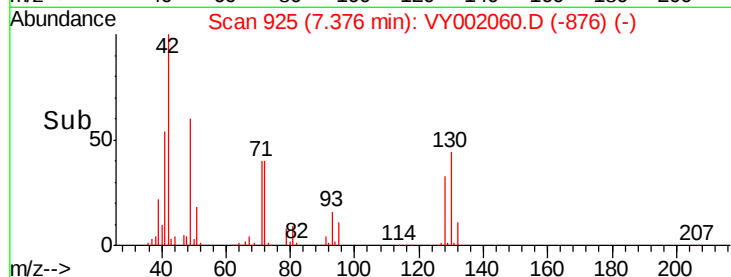
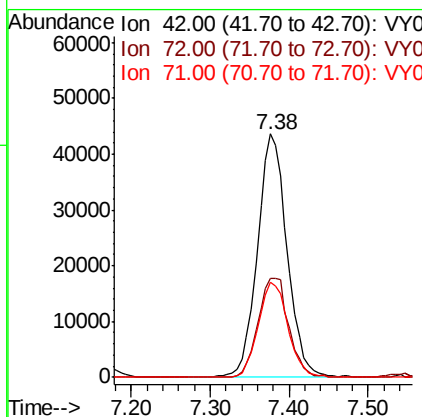
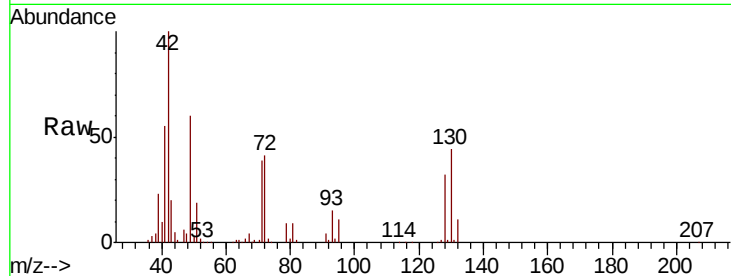
#29
Tetrahydrofuran
Concen: 235.411 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.5	50.3
71	39.1	31.3	46.9

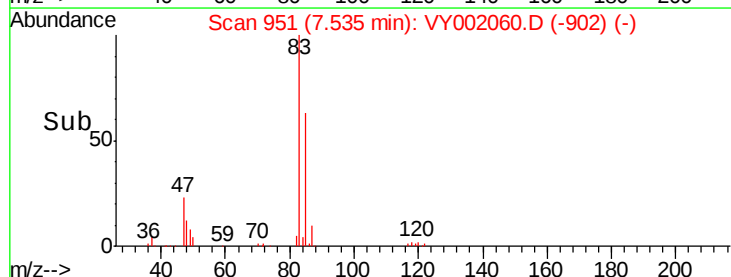
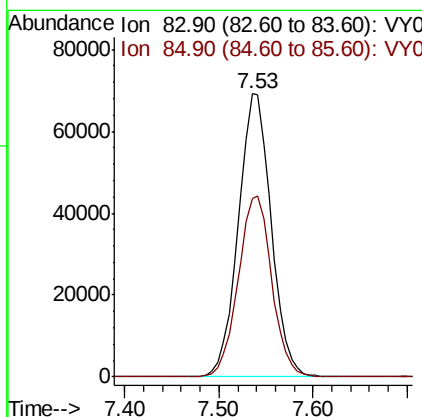
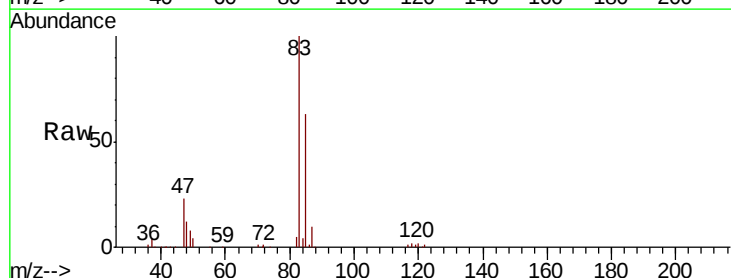
Manual Integrations
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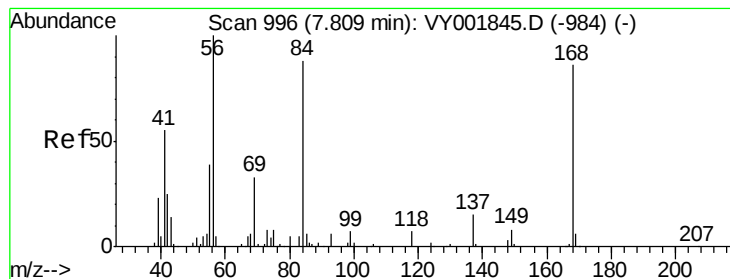
apatel
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#30
Chloroform
Concen: 53.360 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.7	76.1





#31

Cyclohexane

Concen: 47.852 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleID :

VSTDCCC050

Tot Ion: 56 Resp: 172681

Ion Ratio Lower Upper

56 100

69 31.1 26.7 40.1

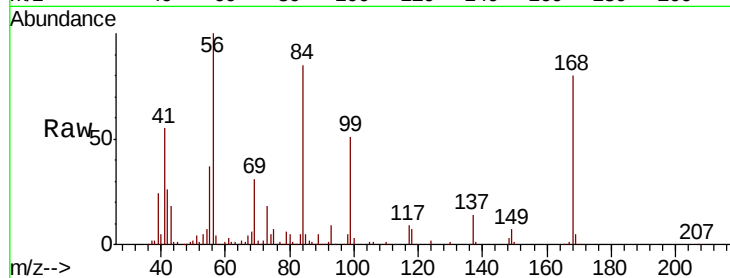
84 83.6 70.4 105.6

Manual Integrations

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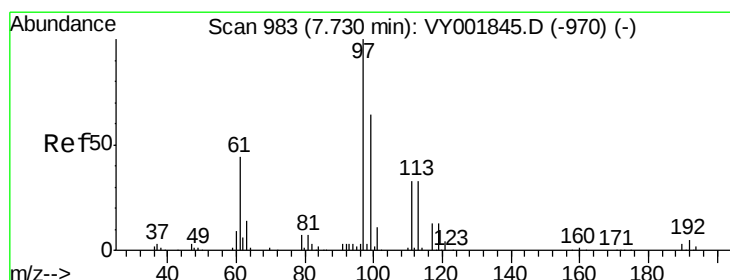
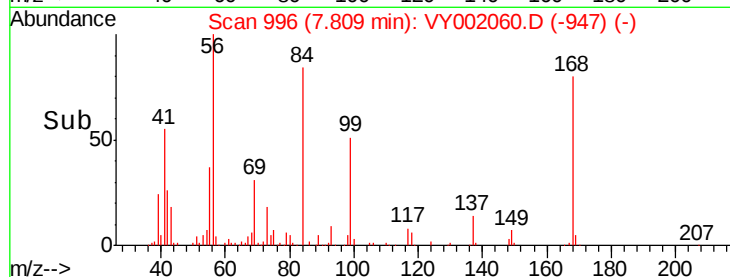
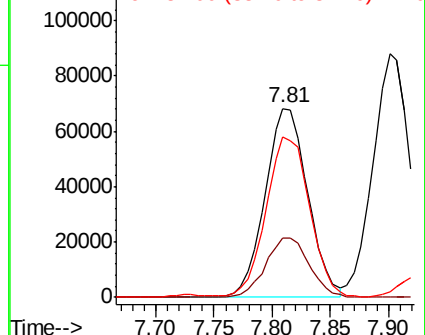


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 54.725 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

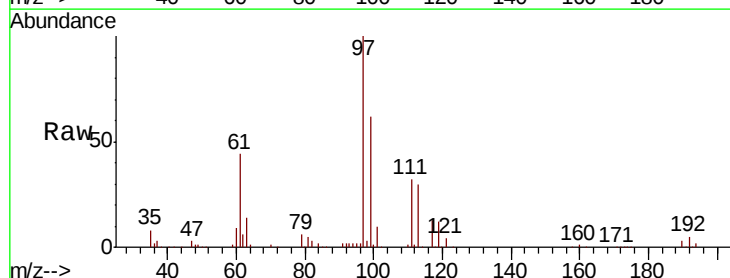
Tgt Ion: 97 Resp: 145848

Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 43.9 35.0 52.4

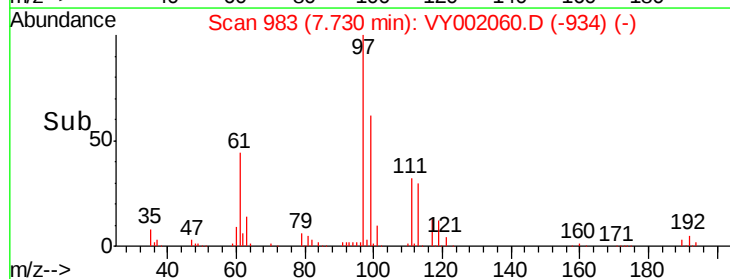
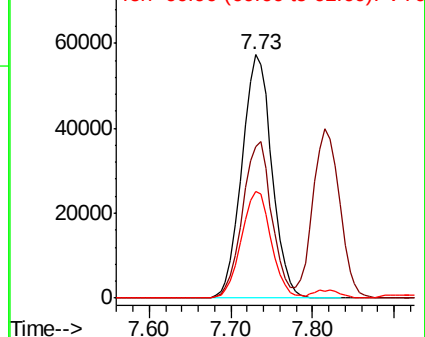


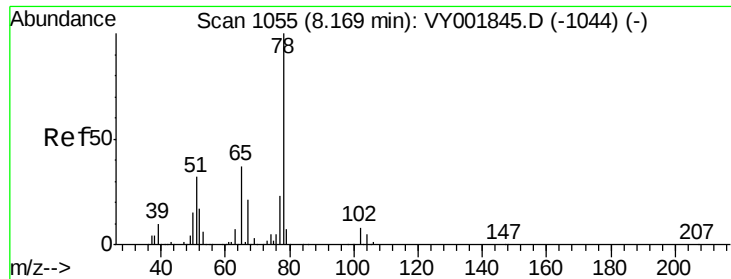
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 47.475 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 77962

Ion Ratio Lower Upper

65 100

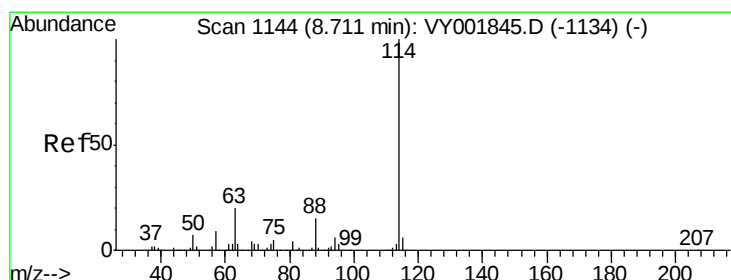
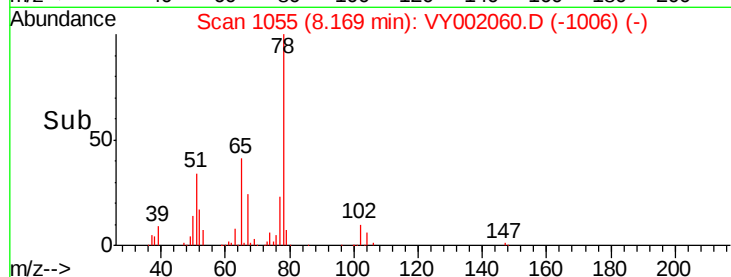
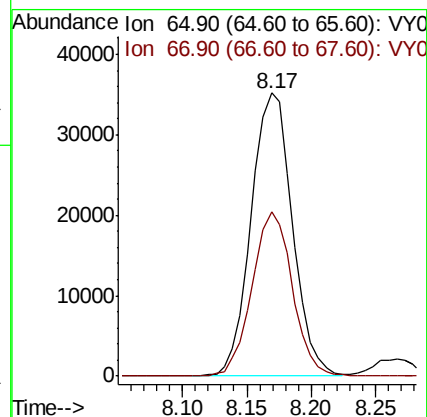
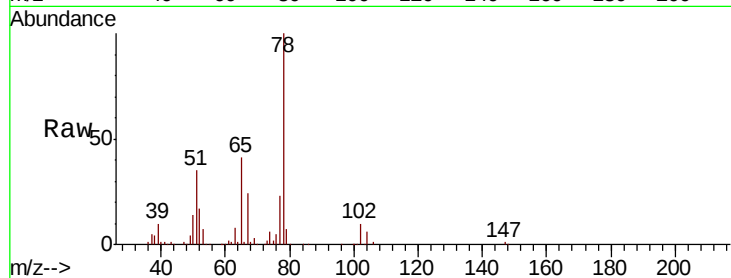
67 56.7 0.0 110.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

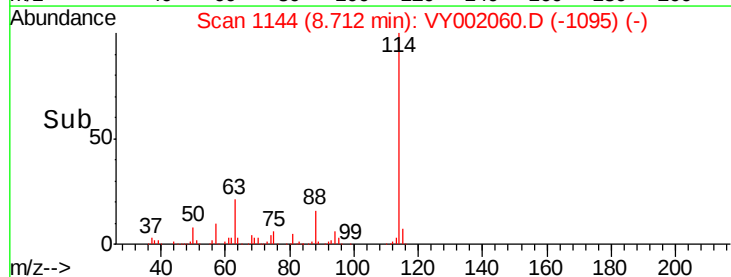
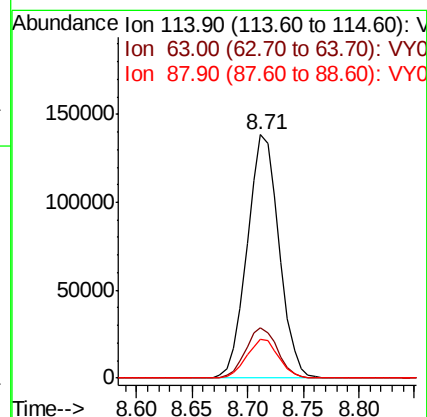
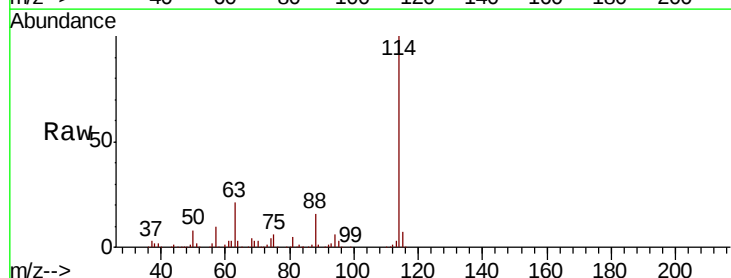
Tgt Ion: 114 Resp: 275038

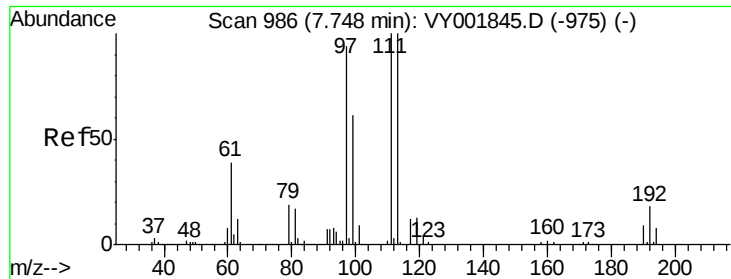
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

88 16.2 0.0 30.4





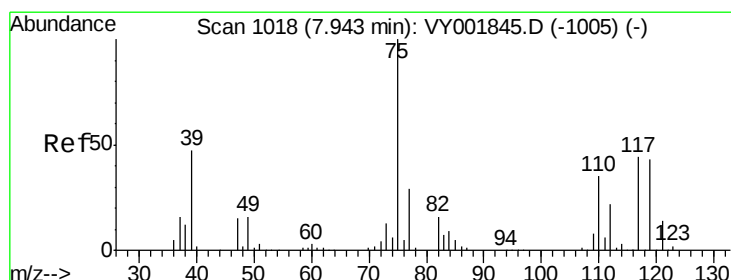
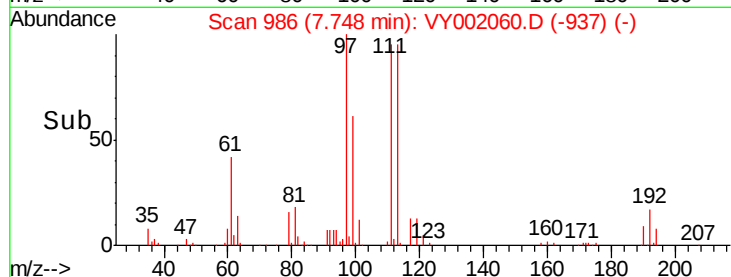
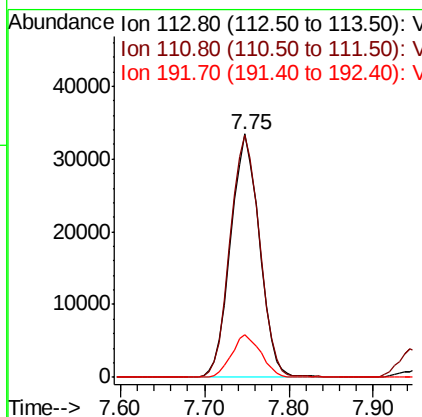
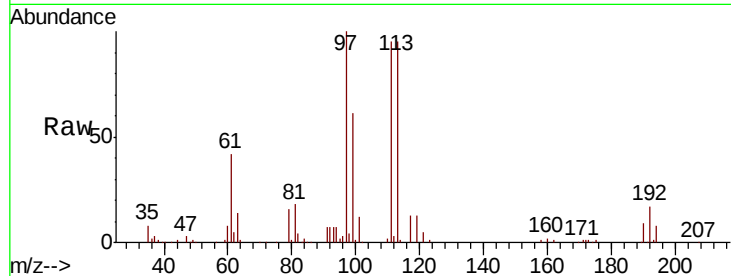
#35
 Dibromofluoromethane
 Concen: 51.813 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	17.7	14.2	21.2

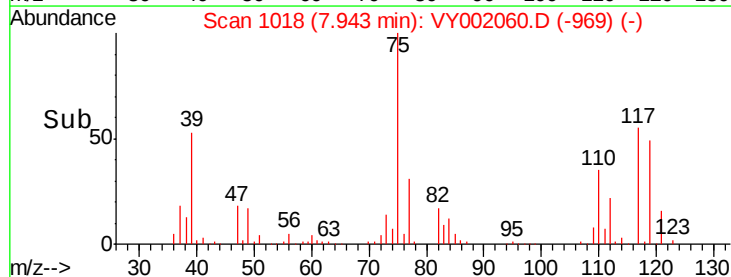
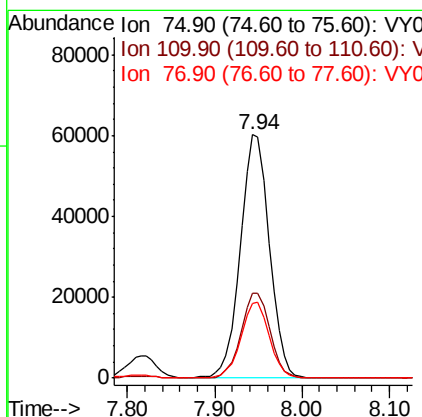
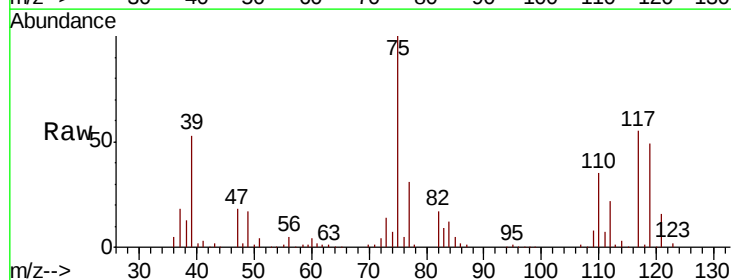
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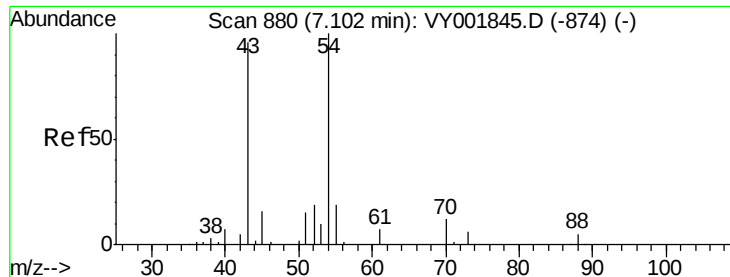
apatel
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#36
 1,1-Dichloropropene
 Concen: 52.558 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.4	52.2
77	30.7	24.2	36.2





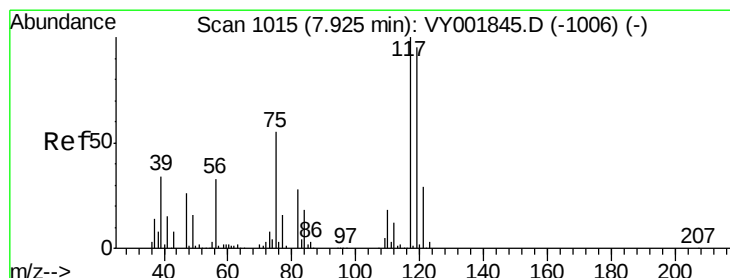
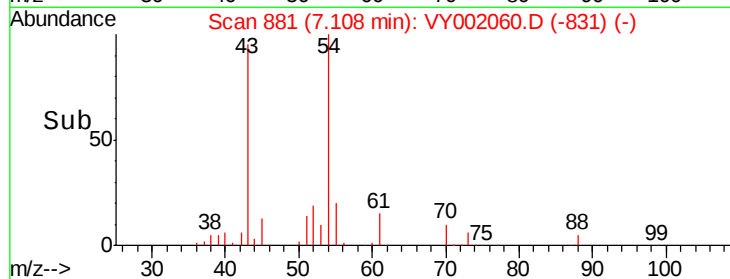
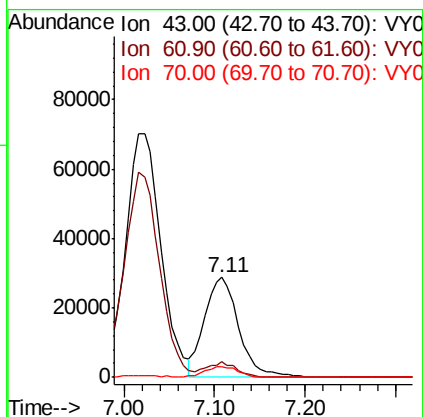
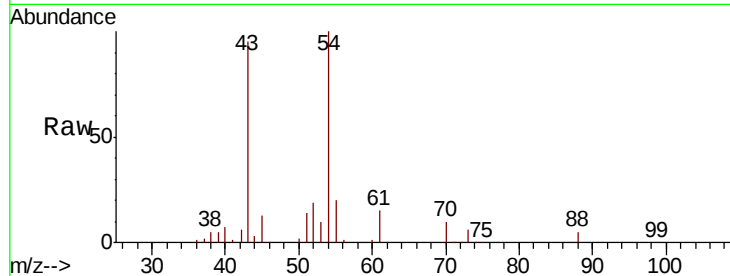
#37
Ethyl Acetate
Concen: 49.405 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	10.5	8.2	12.4

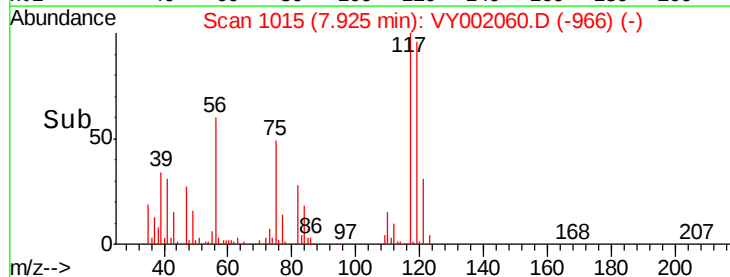
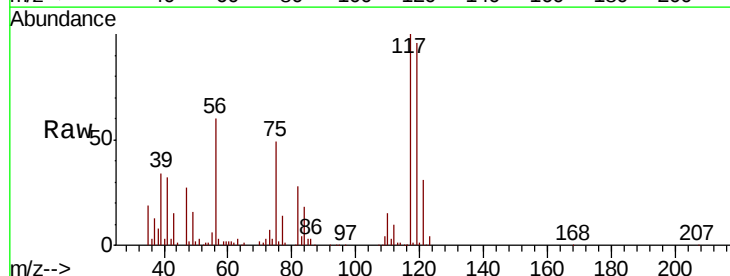
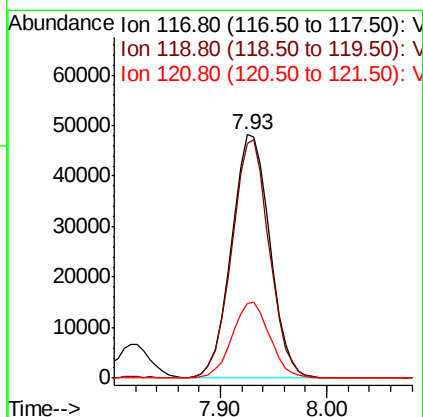
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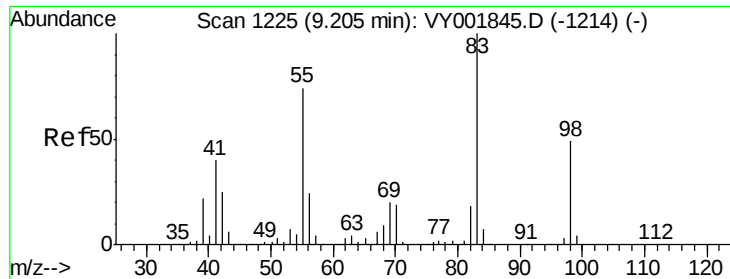
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#38
Carbon Tetrachloride
Concen: 53.936 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
121	30.6	23.5	35.3





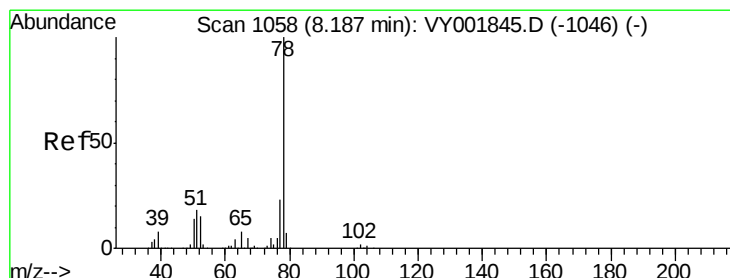
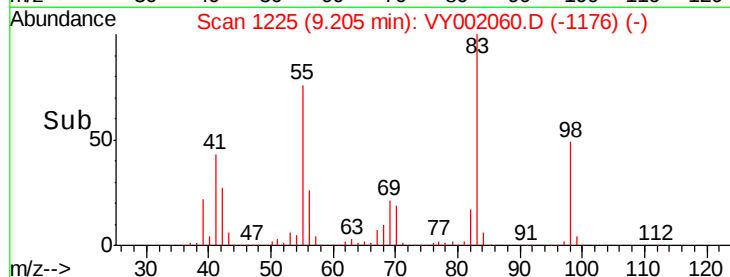
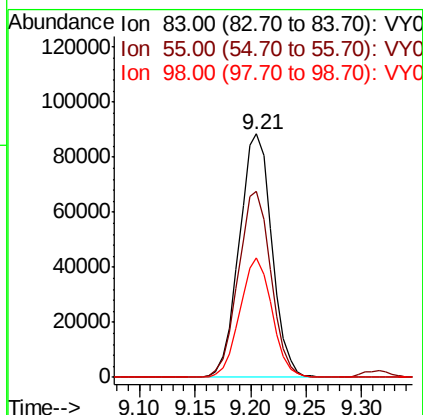
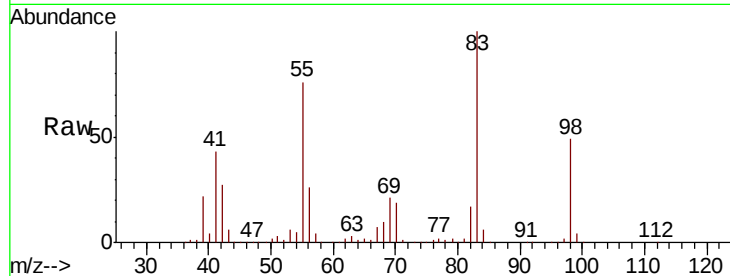
#39
Methvlcvclohexane
Concen: 51.169 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	59.4	89.0
98	49.2	38.9	58.3

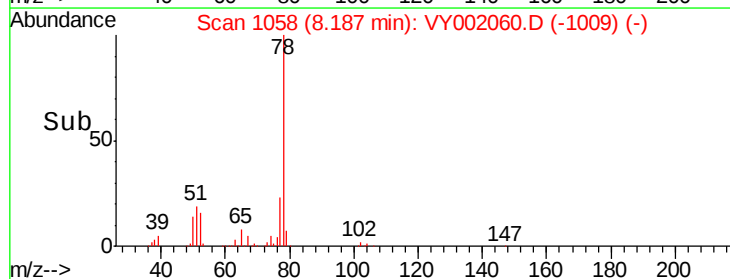
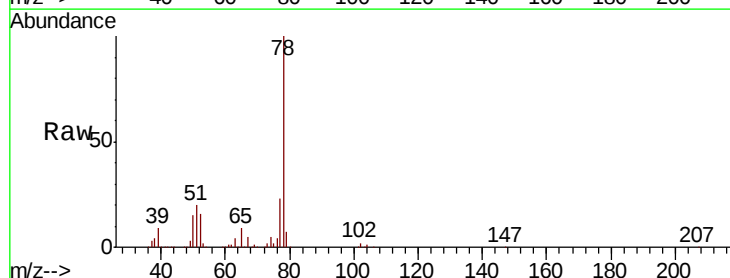
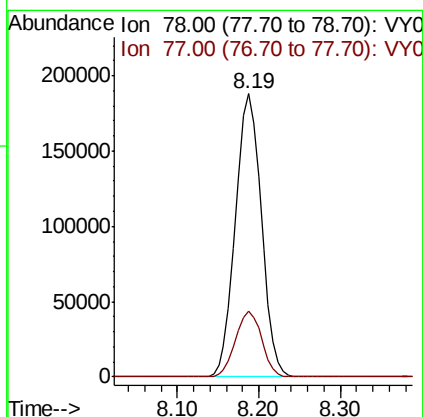
Manual Integrations
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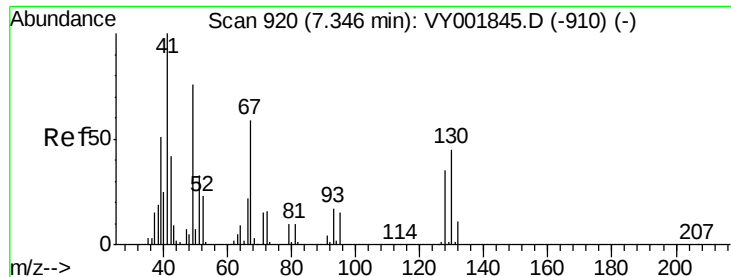
apatel
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#40
Benzene
Concen: 52.618 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





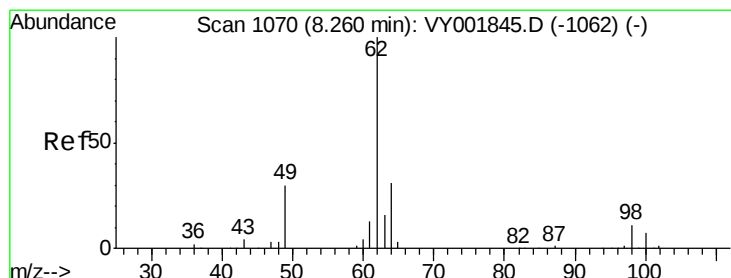
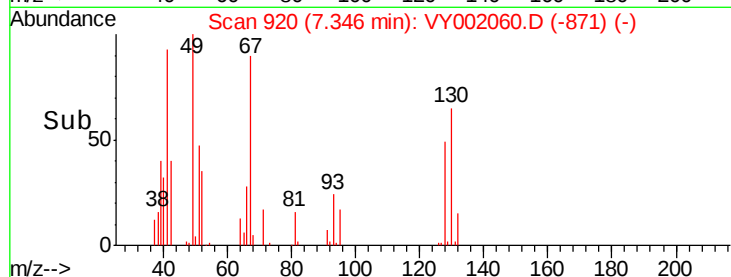
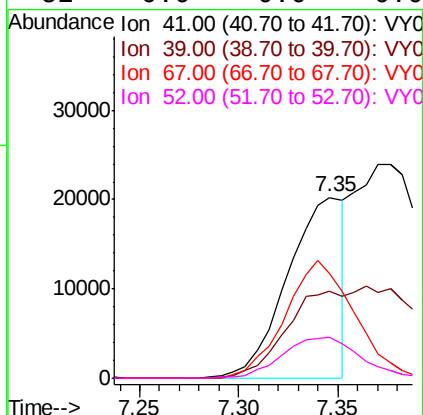
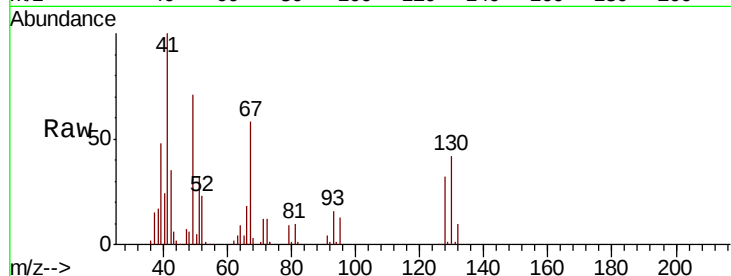
#41
Methacrylonitrile
Concen: 58.419 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	40442
Ion	Ratio	Lower	Upper
41	100		
39	113.9	111.7	167.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

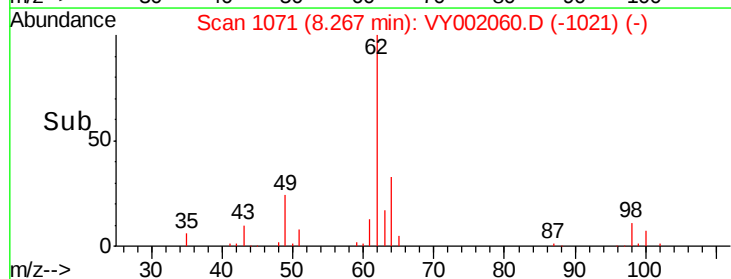
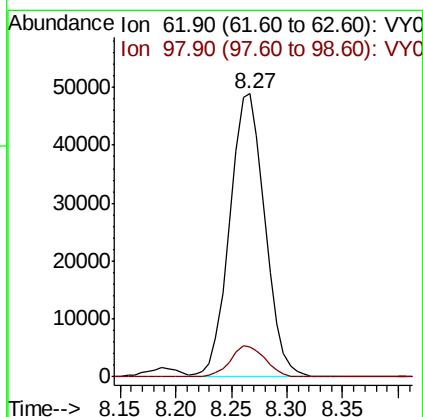
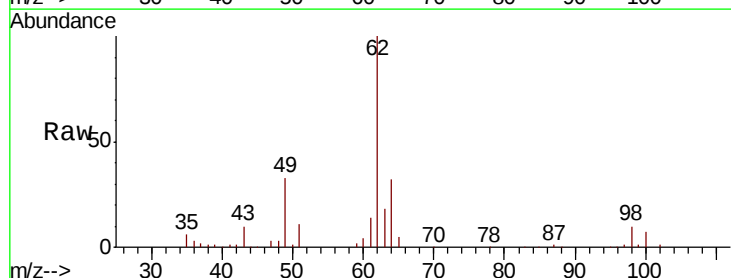
Manual Integrations
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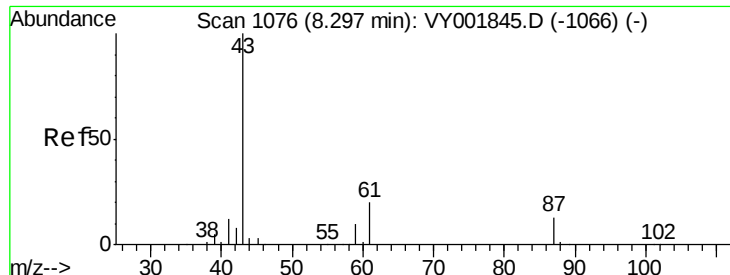
apatel
3/26/2020 10:58:54 AM



#42
1,2-Dichloroethane
Concen: 52.960 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	62	Resp	107057
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4





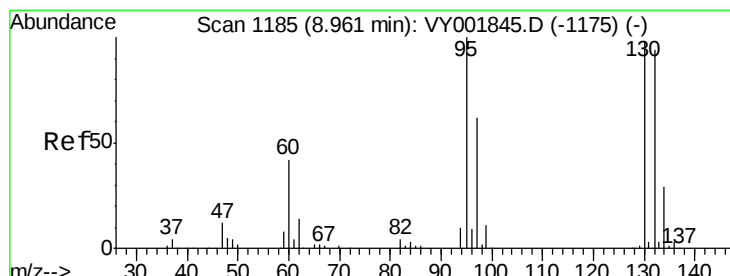
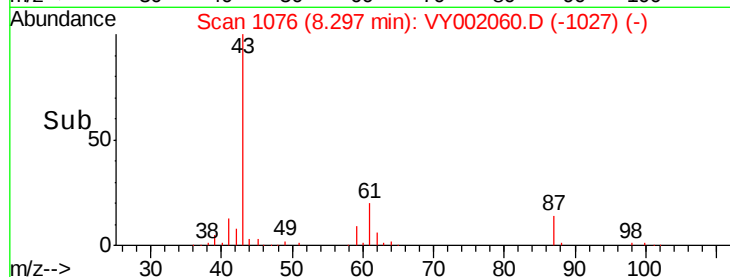
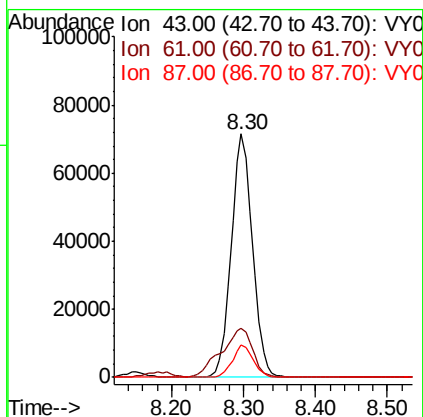
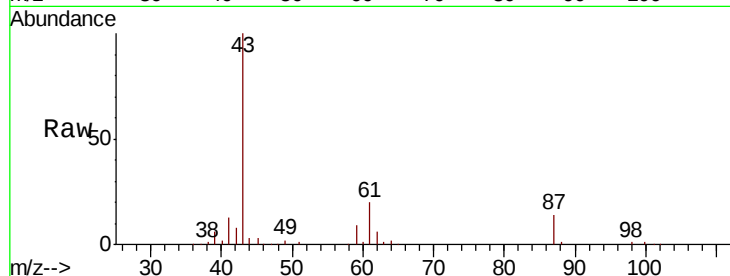
#43
Isopropyl Acetate
Concen: 50.447 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.8	35.6
87	12.9	10.9	16.3

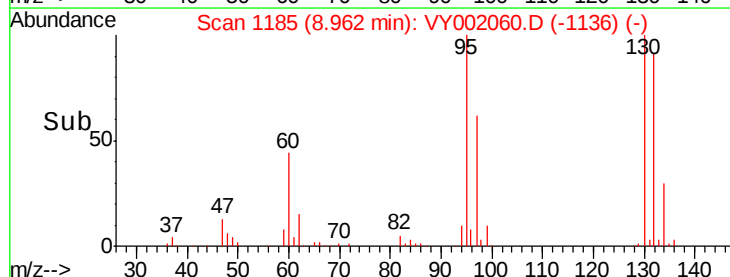
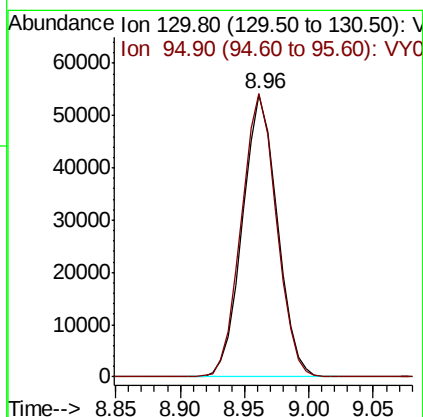
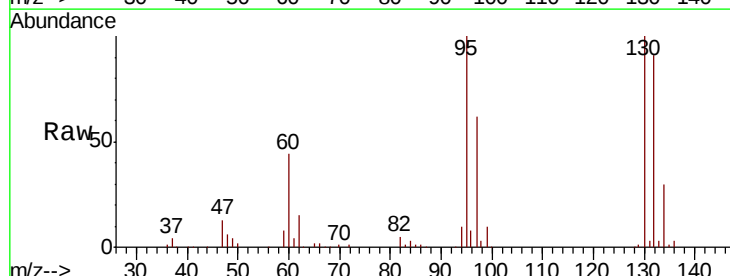
Manual Integrations
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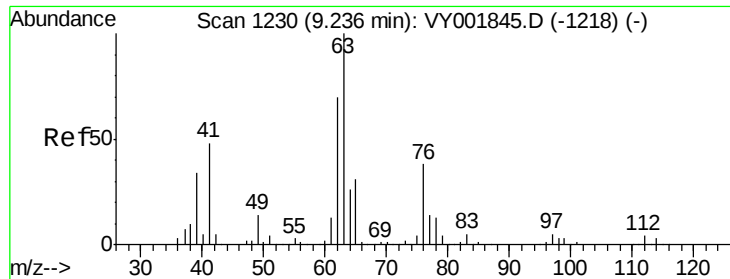
apatel
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#44
Trichloroethene
Concen: 52.857 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	204.6





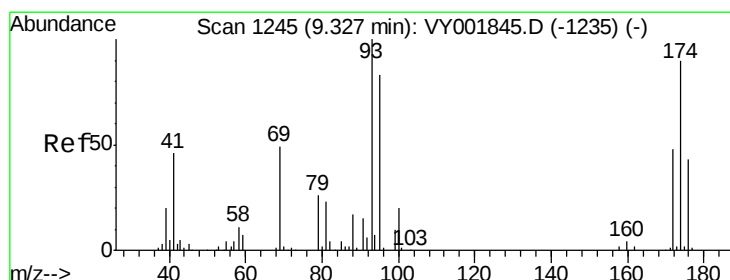
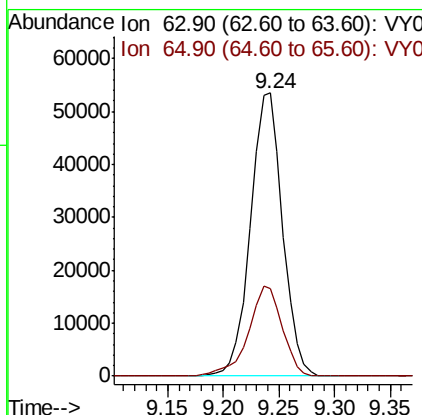
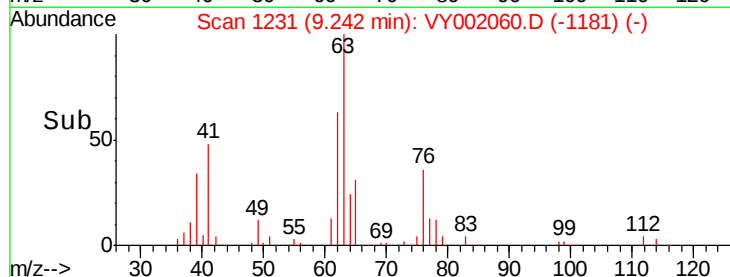
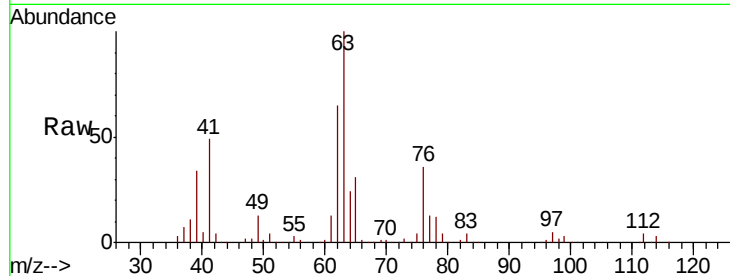
#45
 1,2-Dichloropropane
 Concen: 54.487 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 107450
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3

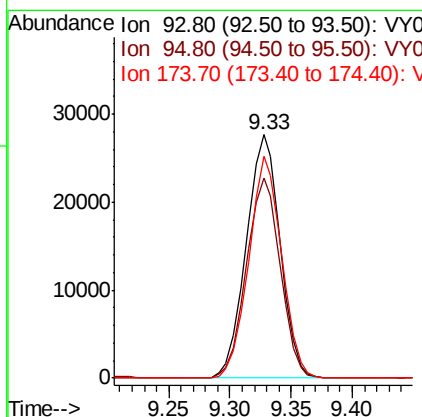
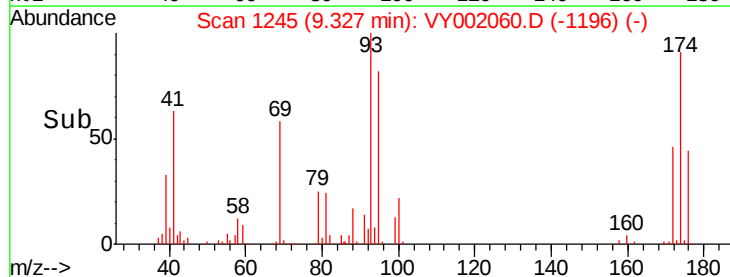
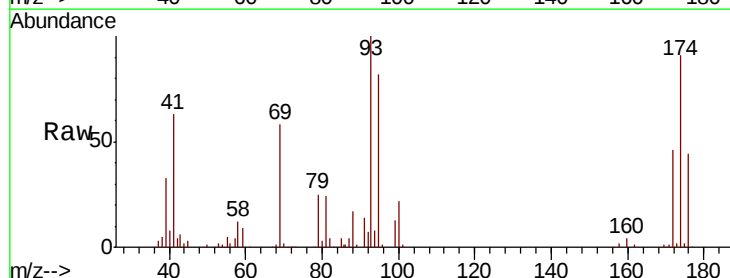
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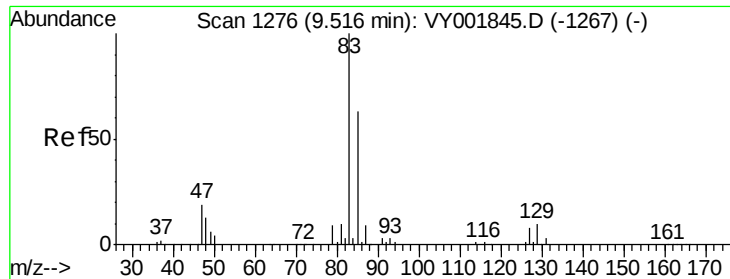
apatel
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#46
 Dibromomethane
 Concen: 52.501 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 93 Resp: 53354
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.4
 174 88.3 71.8 107.8





#47

Bromodichloromethane

Concen: 55.380 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

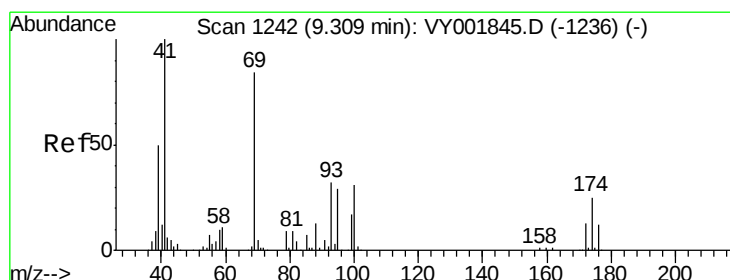
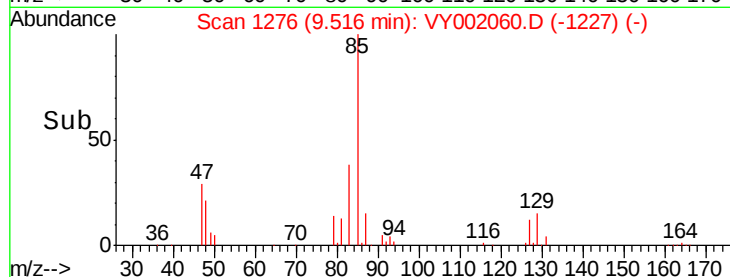
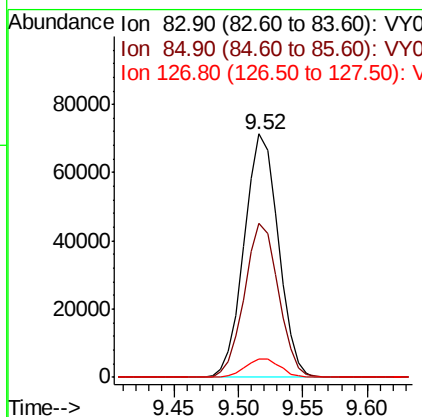
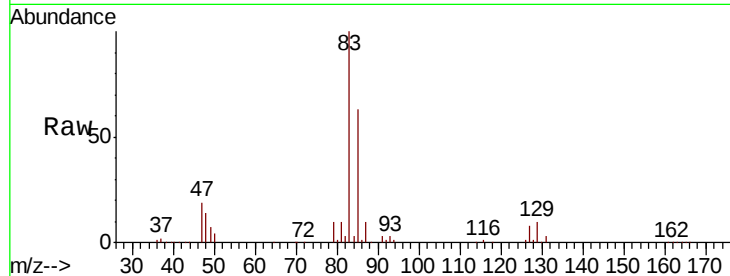
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	130918
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.6	76.0
127	7.5	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.195 ug/l

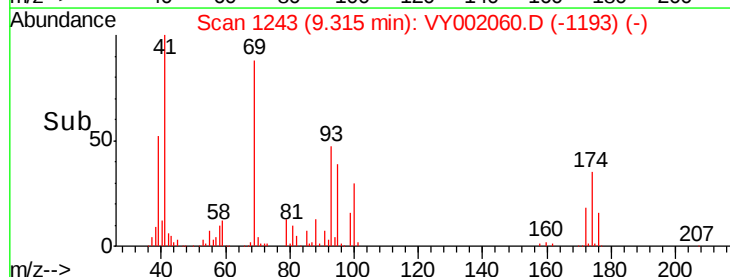
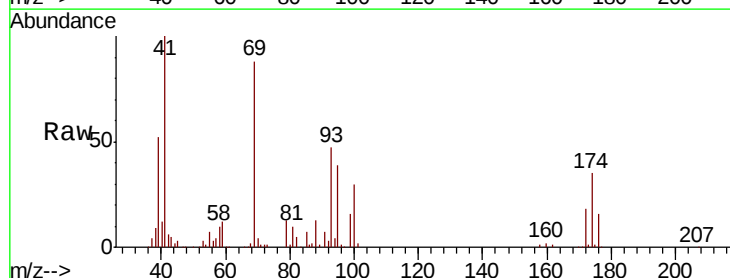
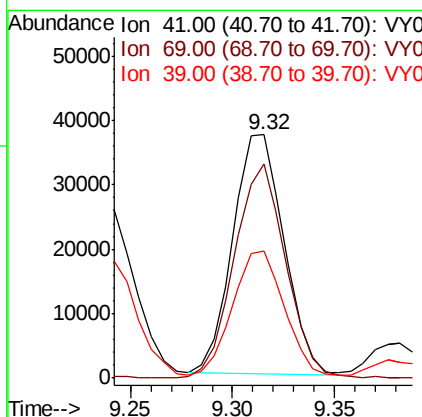
RT: 9.32 min Scan# 1243

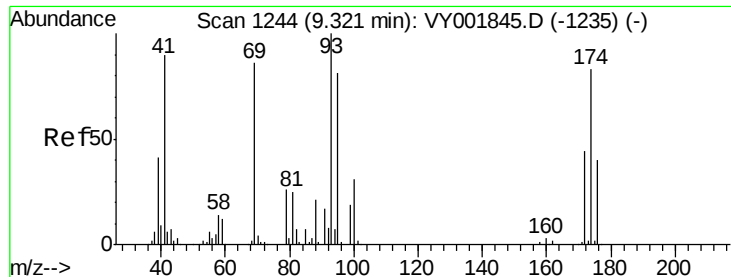
Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion:	41	Resp:	64867
Ion Ratio	Lower	Upper	
41	100		
69	90.1	69.0	103.6
39	55.0	39.1	58.7





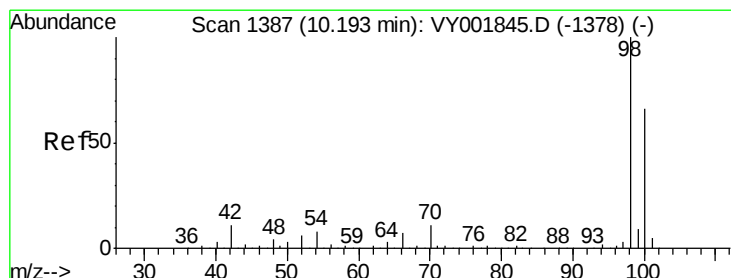
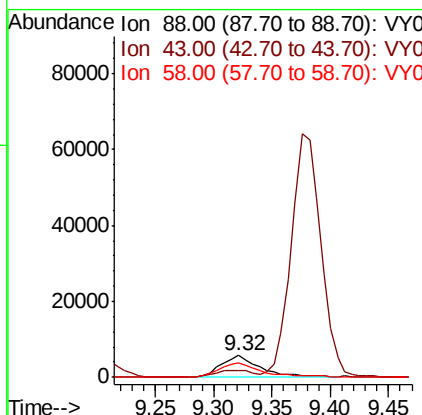
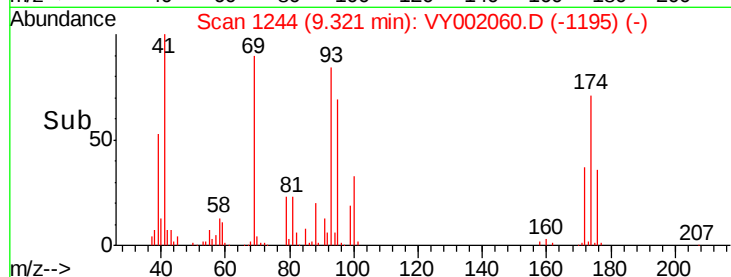
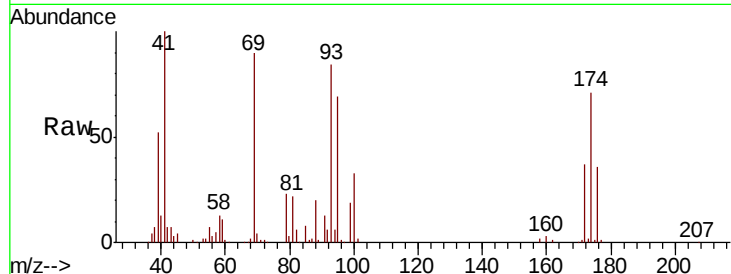
#49
1,4-Dioxane
Concen: 978.594 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	13627
Ion	Ratio	Lower	Upper
88	100		
43	29.8	25.0	37.6
58	73.9	58.9	88.3

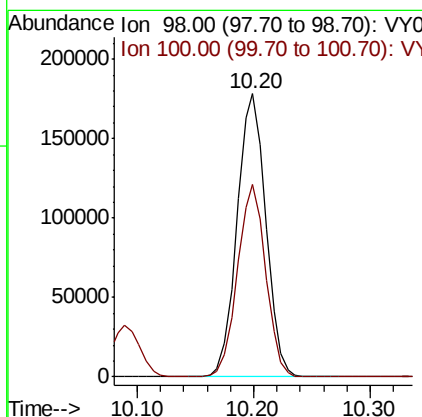
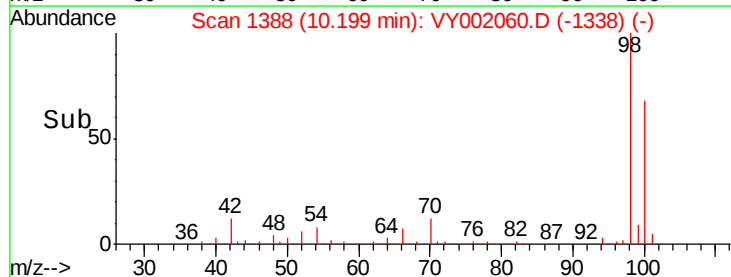
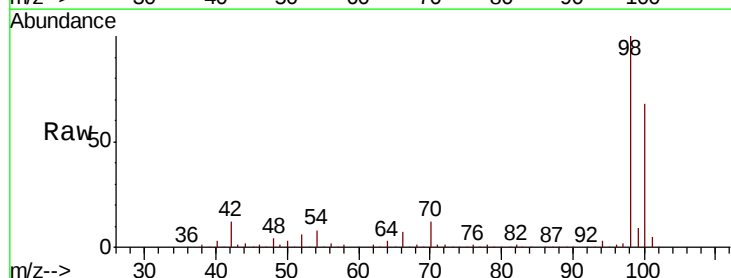
Manual Integrations
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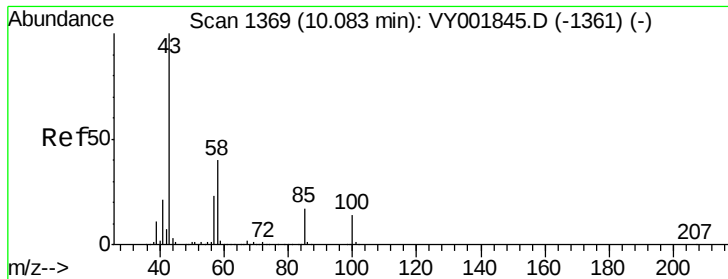
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#50
Toluene-d8
Concen: 48.478 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	98	Resp	307008
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 251.015 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 376542

Ion Ratio Lower Upper

43 100

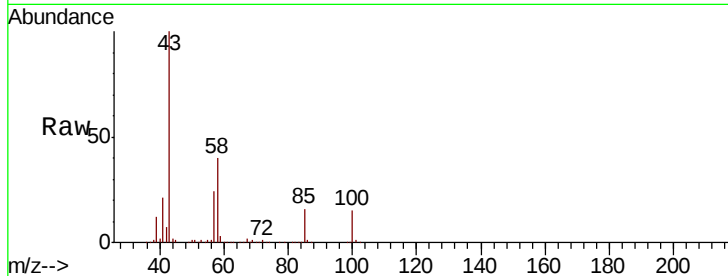
58 39.7 32.0 48.0

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Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.09

250000

200000

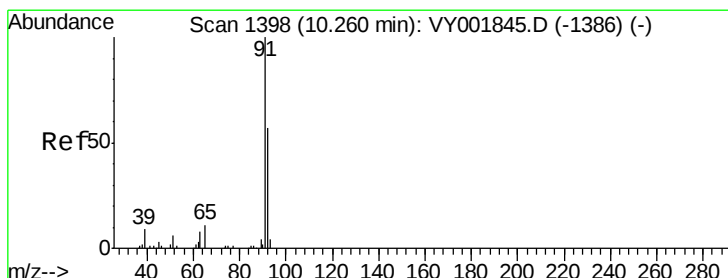
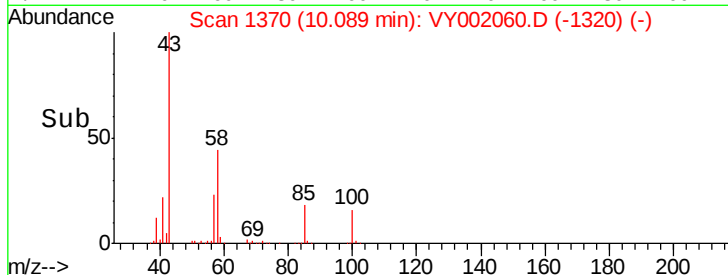
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.554 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY002060.D

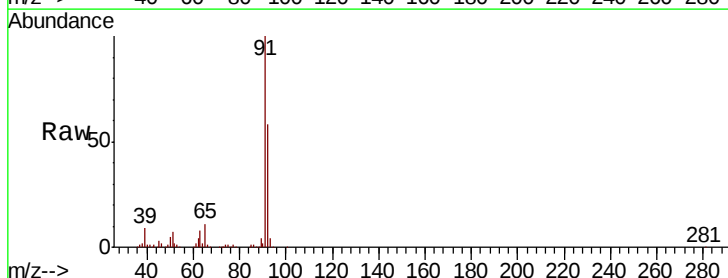
Acq: 25 Mar 2020 11:09

Tgt Ion: 92 Resp: 255214

Ion Ratio Lower Upper

92 100

91 172.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.26

300000

250000

200000

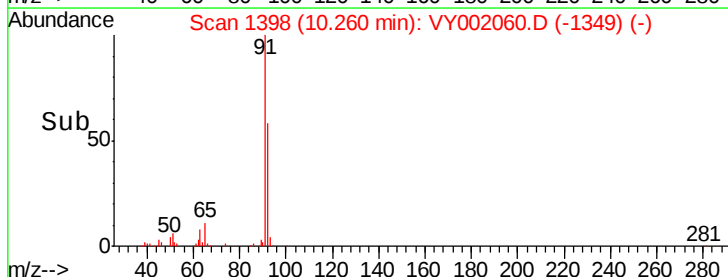
150000

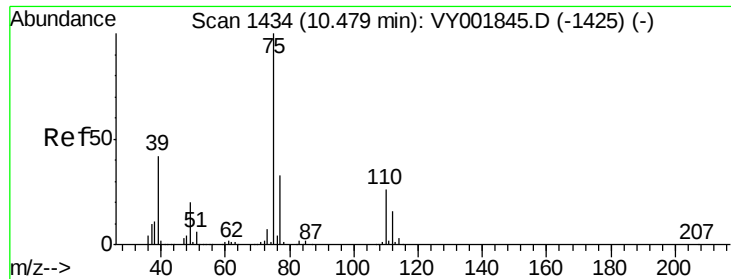
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.032 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 141737

Ion Ratio Lower Upper

75 100

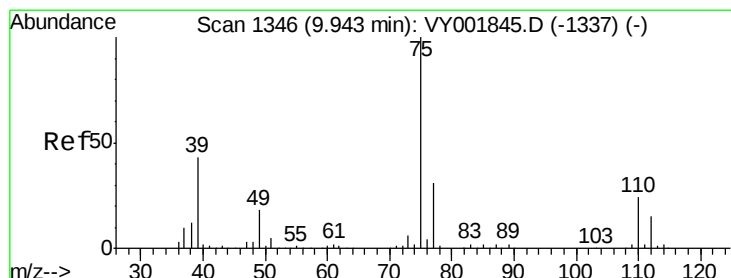
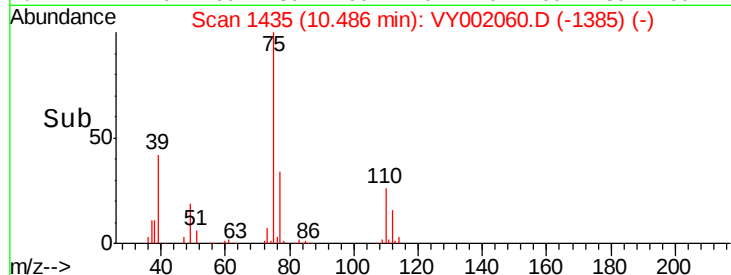
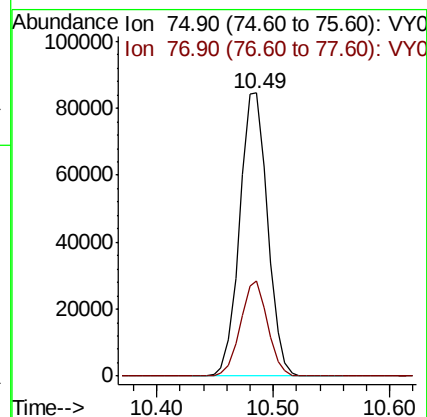
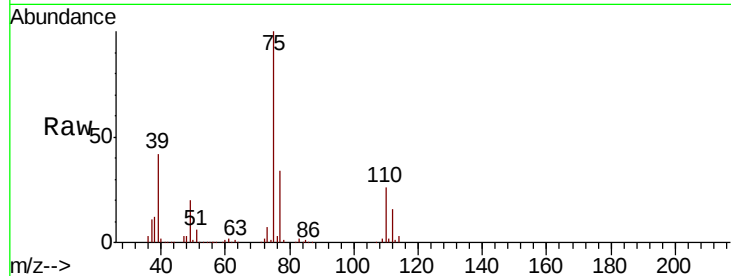
77 33.6 26.3 39.5

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#54

cis-1,3-Dichloropropene

Concen: 54.740 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

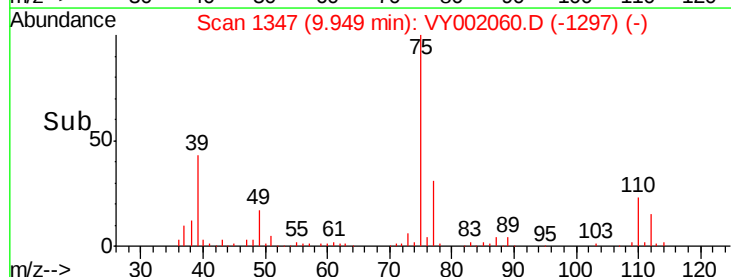
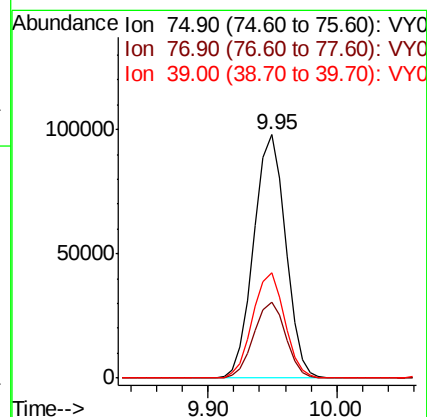
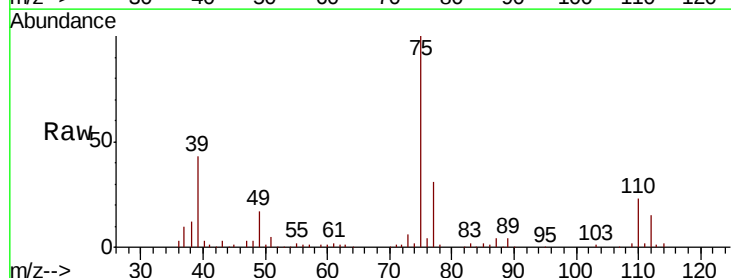
Tgt Ion: 75 Resp: 167834

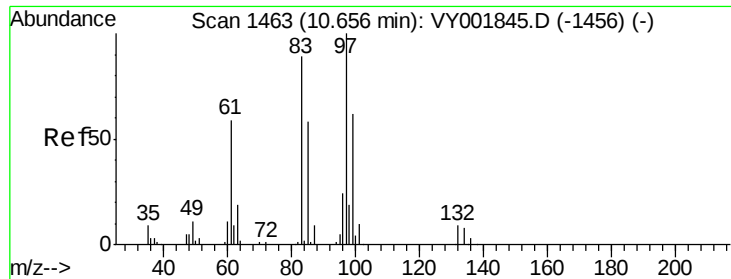
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 43.3 34.7 52.1





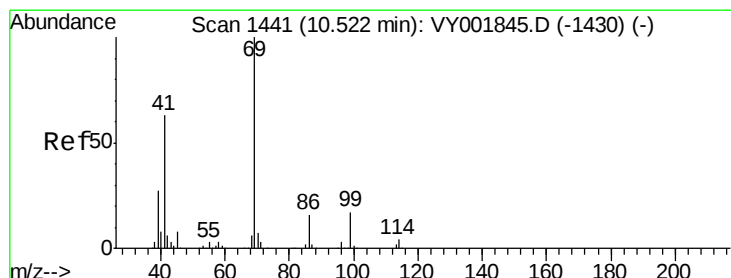
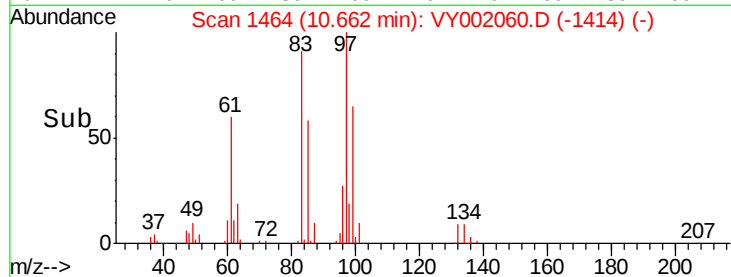
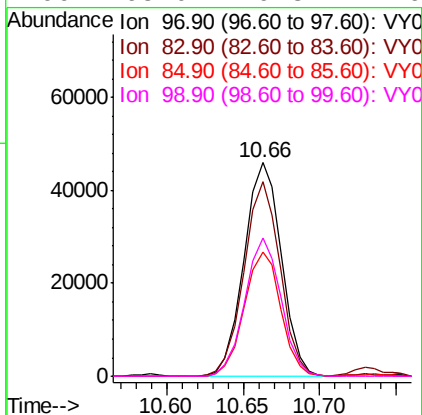
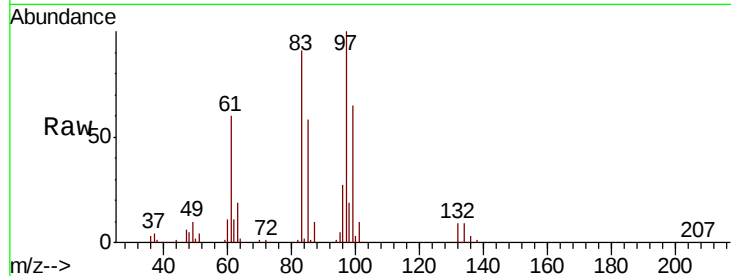
#55
 1,1,2-Trichloroethane
 Concen: 52.431 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	77979
Ion	Ratio	Lower	Upper
97	100		
83	91.3	71.6	107.4
85	58.3	46.6	69.8
99	65.0	49.8	74.6

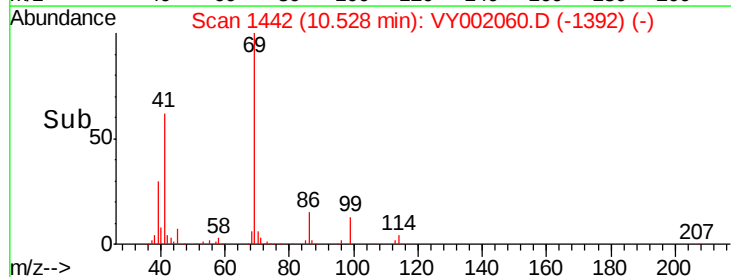
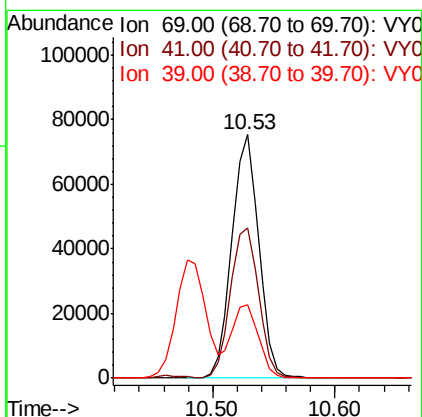
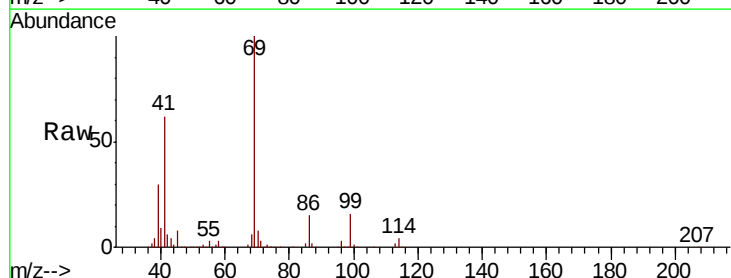
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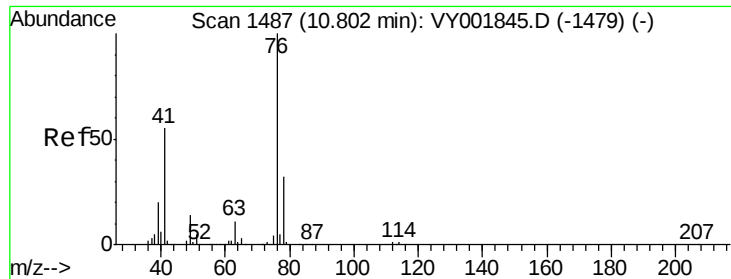
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#56
 Ethyl methacrylate
 Concen: 52.566 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion:	69	Resp:	114591
Ion	Ratio	Lower	Upper
69	100		
41	64.7	49.9	74.9
39	30.7	23.0	34.6





#57

1,3-Dichloropropane

Concen: 52.674 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 139643

Ion Ratio Lower Upper

76 100

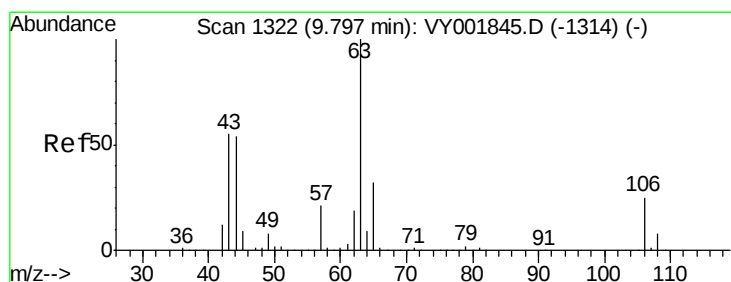
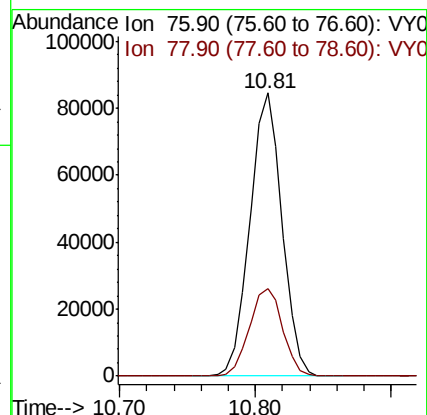
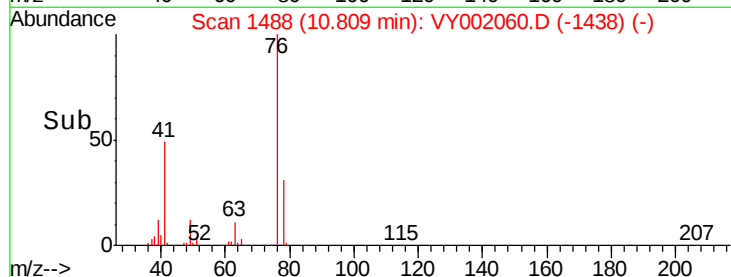
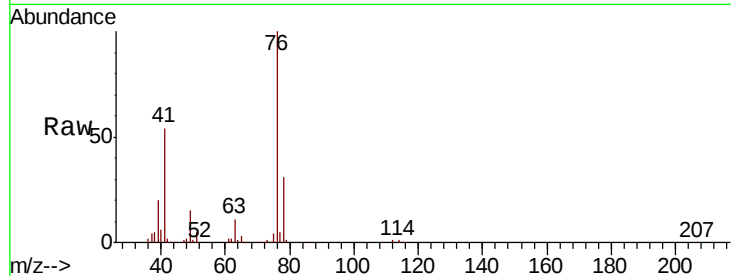
78 32.0 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 241.418 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002060.D

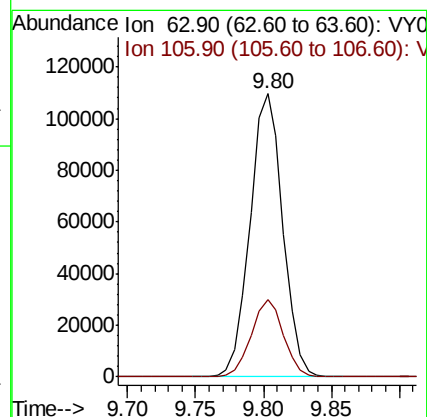
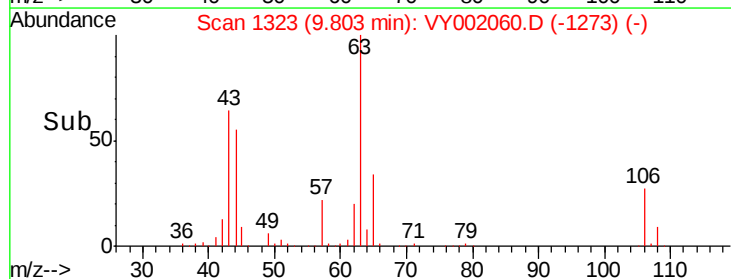
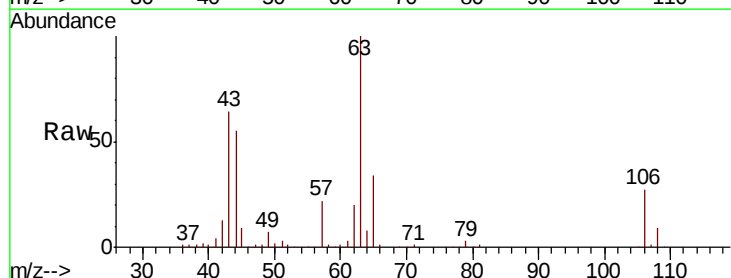
Acq: 25 Mar 2020 11:09

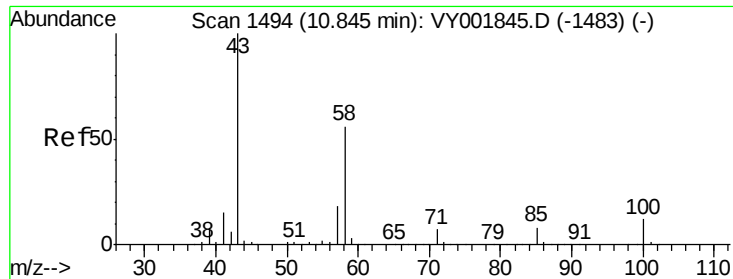
Tgt Ion: 63 Resp: 184818

Ion Ratio Lower Upper

63 100

106 26.9 21.3 31.9





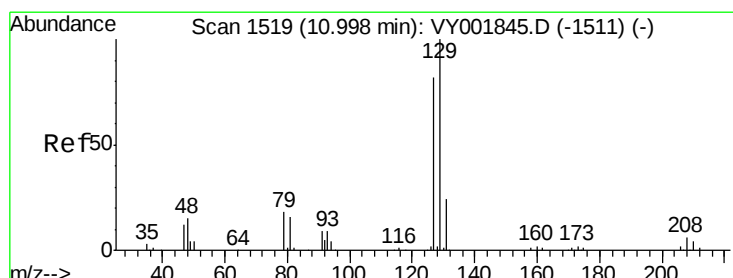
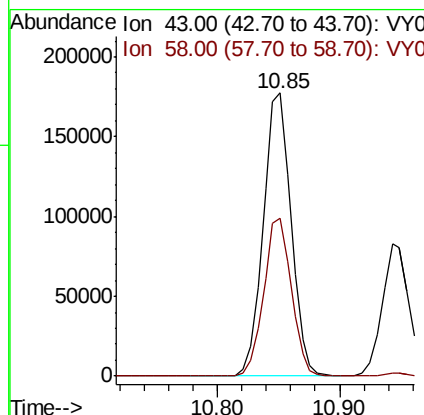
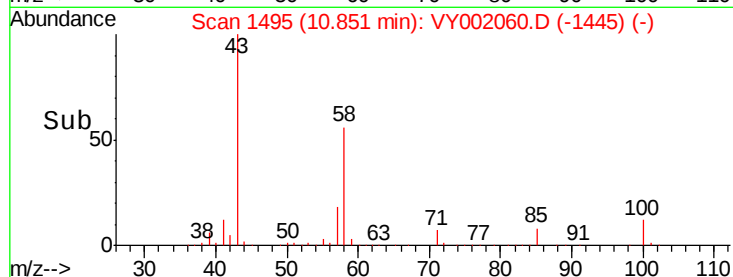
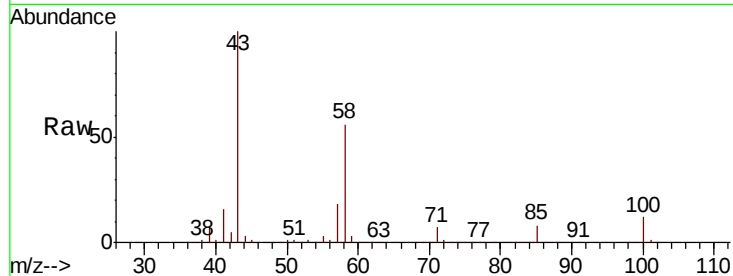
#59
2-Hexanone
Concen: 263.085 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 281682
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3

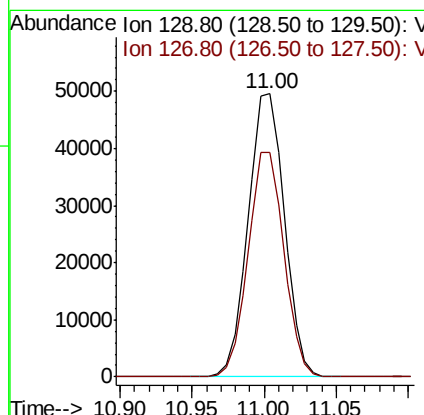
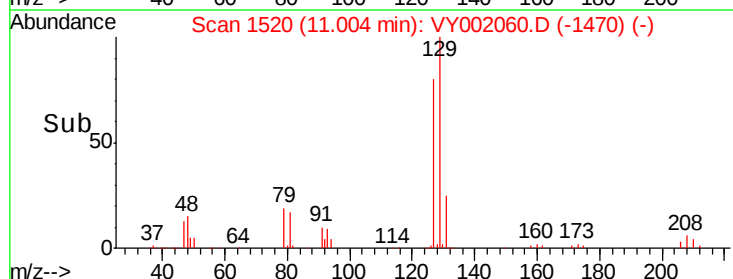
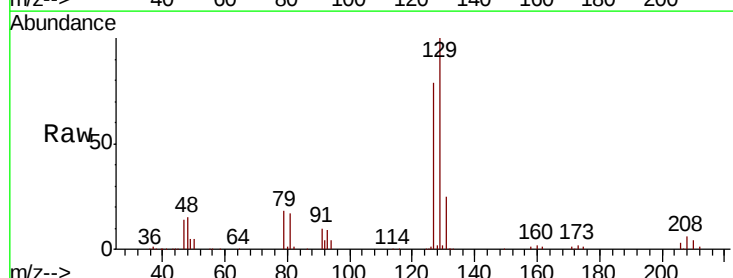
Manual Integrations
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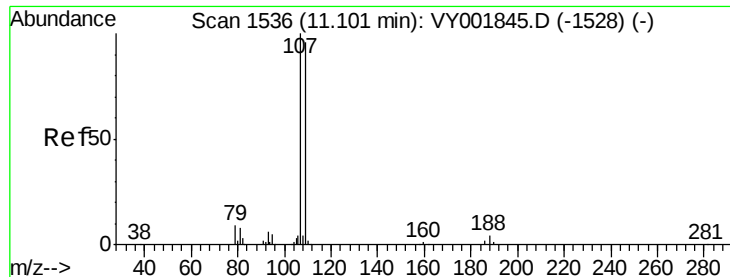
apatel
3/26/2020 10:58:54 AM



#60
Dibromochloromethane
Concen: 55.041 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 129 Resp: 86259
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





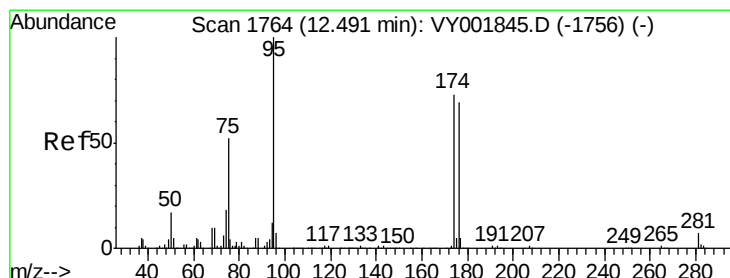
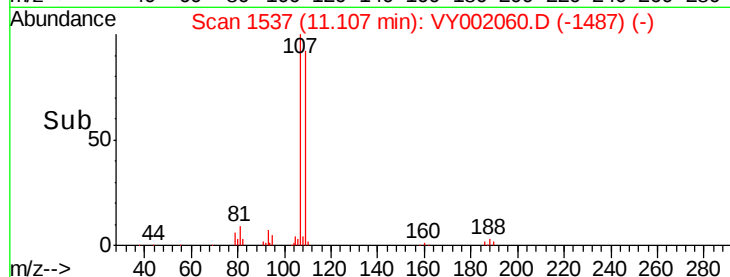
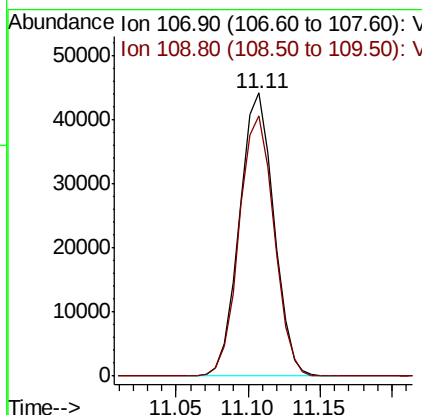
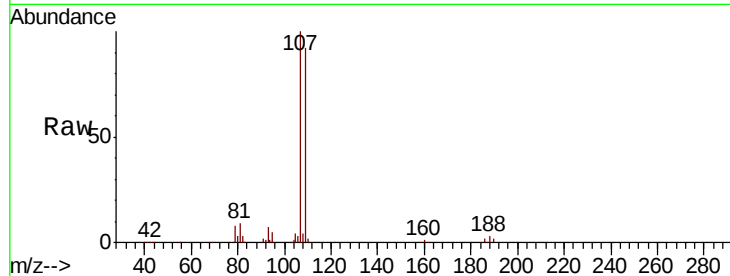
#61
 1,2-Dibromoethane
 Concen: 52.114 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.4	113.0

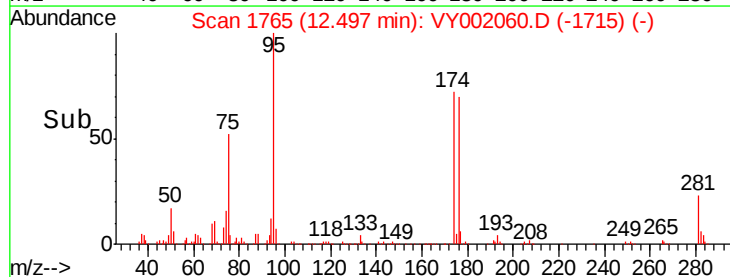
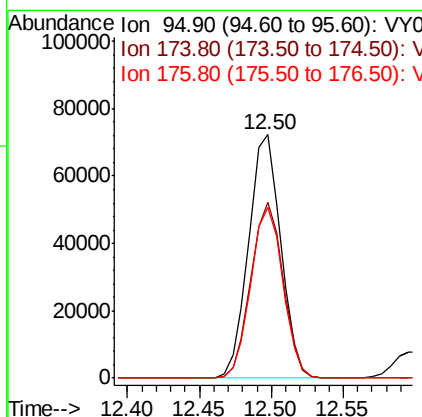
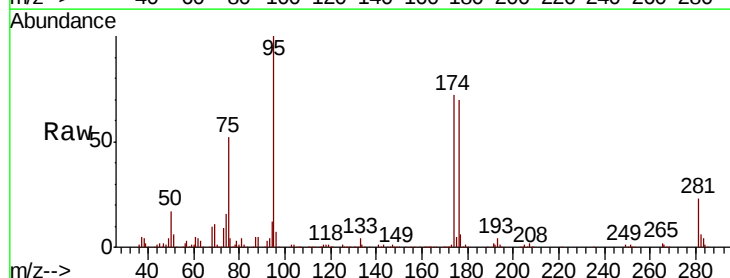
Manual Integrations
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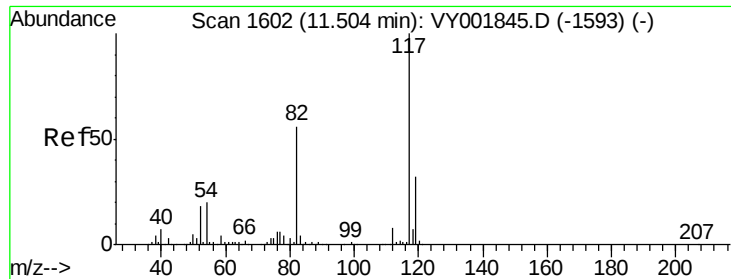
apatel
 3/26/2020 10:58:54 AM



#62
 4-Bromofluorobenzene
 Concen: 50.468 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	145.0
176	70.2	0.0	137.4





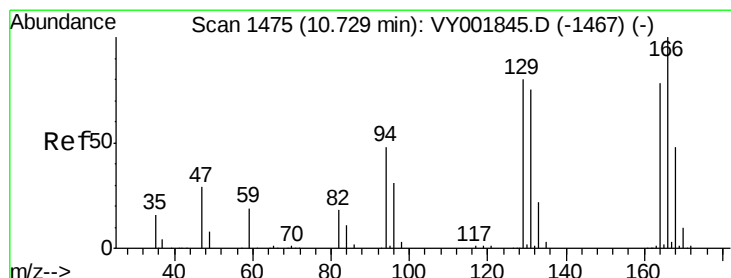
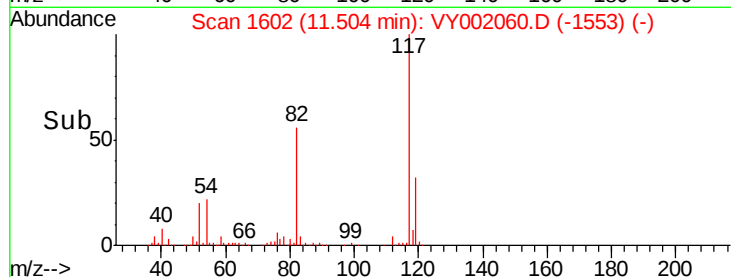
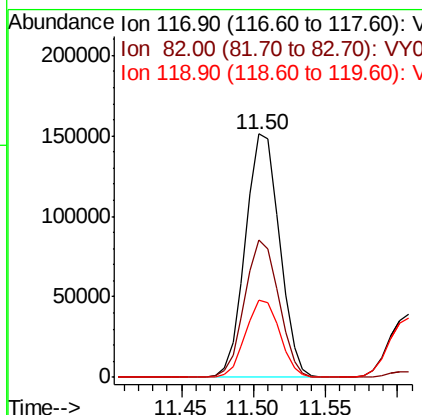
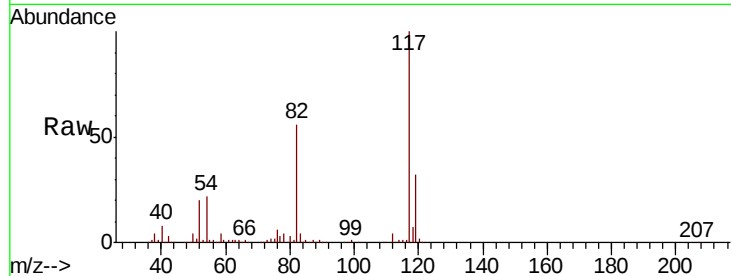
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.5	66.7
119	31.5	25.7	38.5

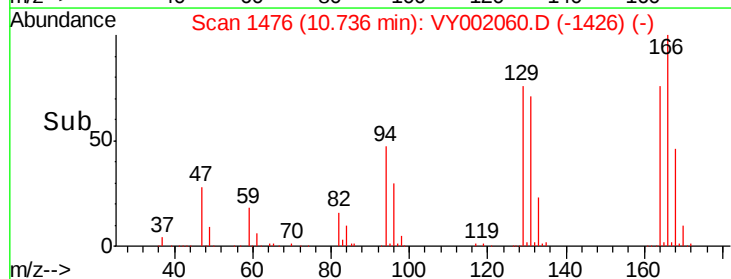
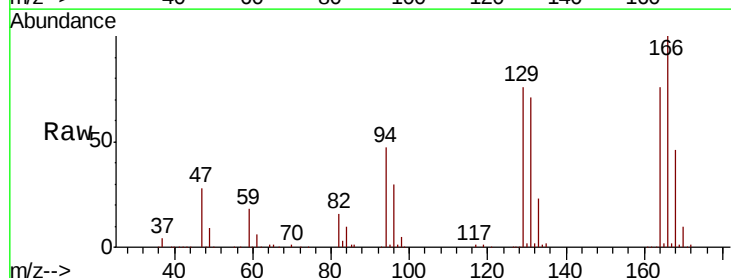
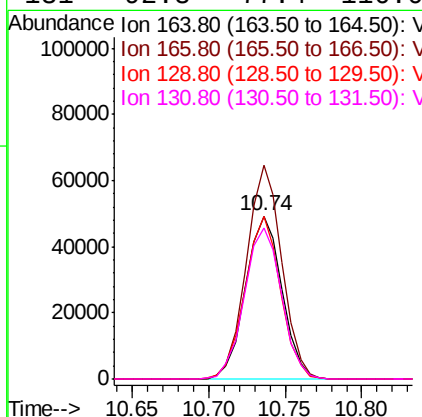
Manual Integrations
APPROVED

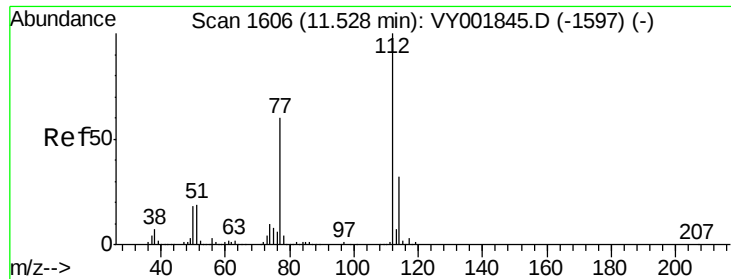
apatel
3/26/2020 10:58:54 AM



#64
Tetrachloroethene
Concen: 52.428 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.6	154.0
129	99.6	82.3	123.5
131	92.8	77.4	116.0





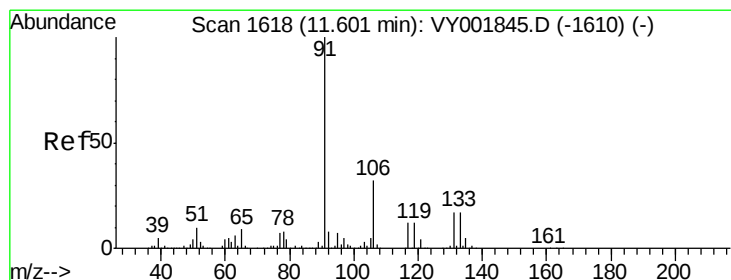
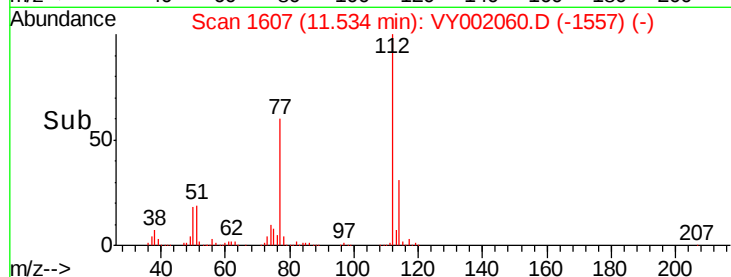
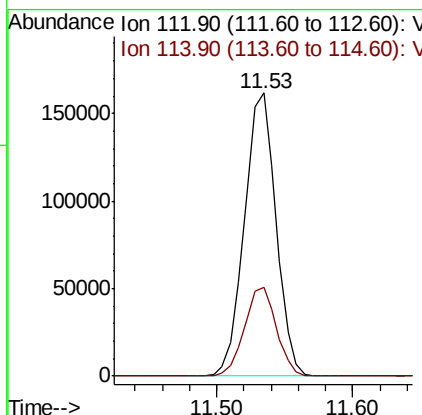
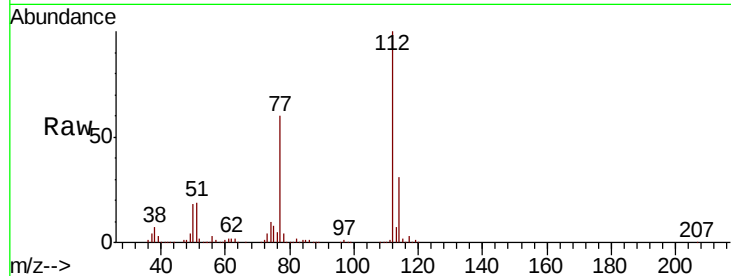
#65
Chlorobenzene
Concen: 53.368 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	263633		
114	31.4	25.9	38.9	

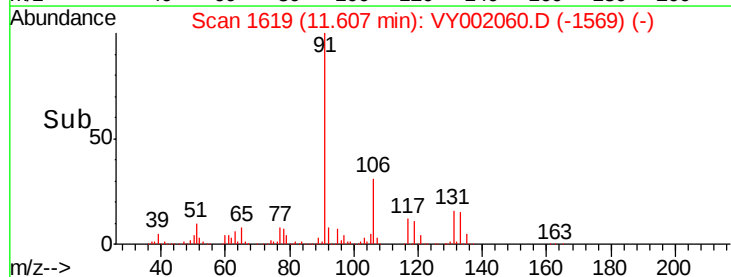
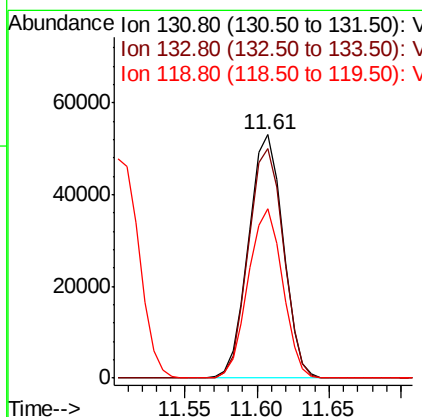
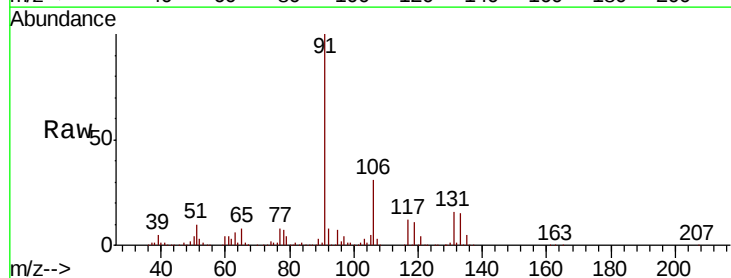
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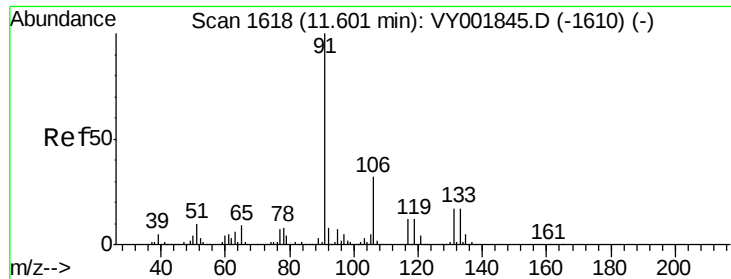
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.510 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	88303		
133	95.8	47.1	141.3	
119	69.4	34.5	103.6	





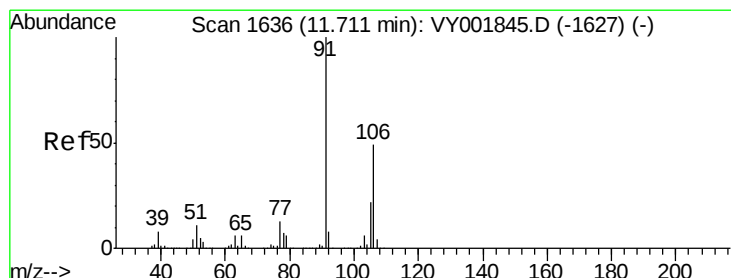
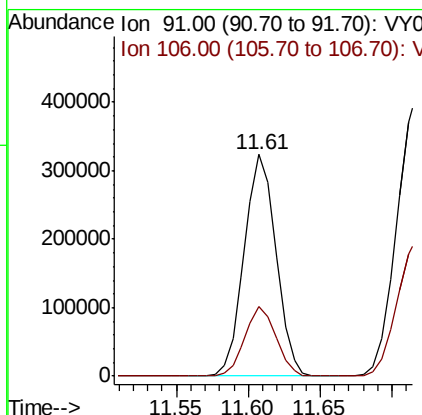
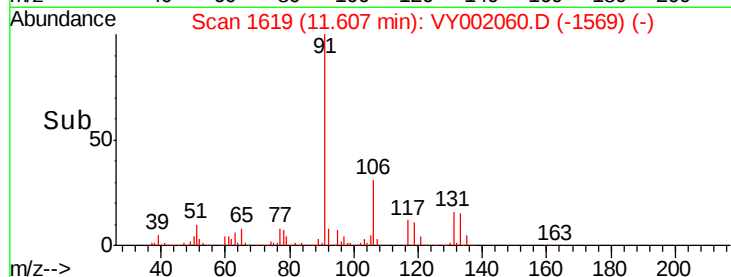
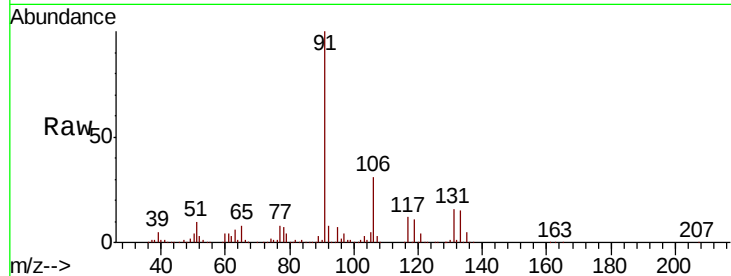
#67
Ethyl Benzene
Concen: 53.720 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 494913
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2

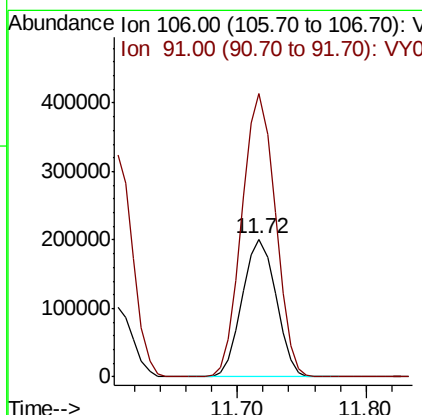
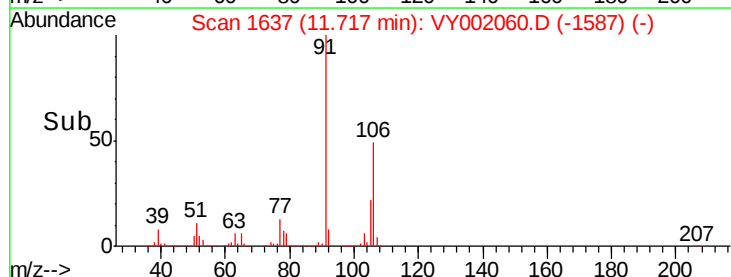
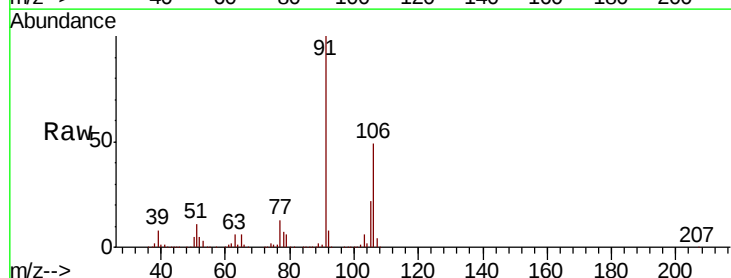
Manual Integrations
APPROVED

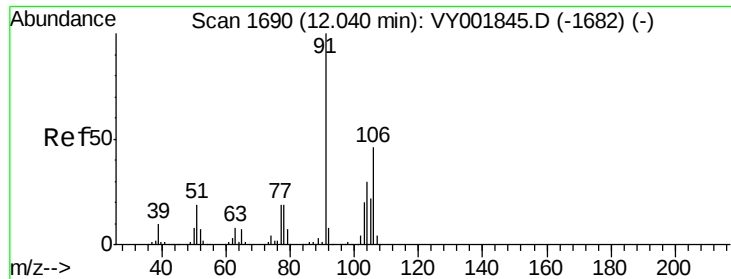
apatel
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#68
m/p-Xylenes
Concen: 107.828 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 106 Resp: 367273
Ion Ratio Lower Upper
106 100
91 203.1 161.3 241.9





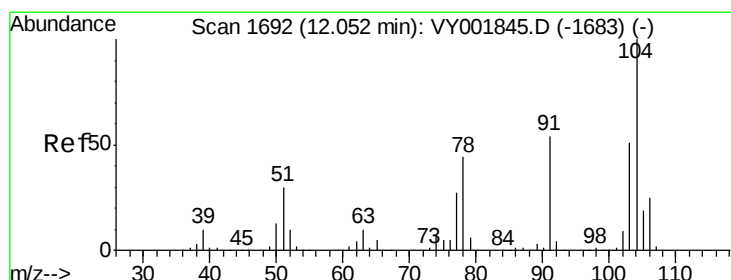
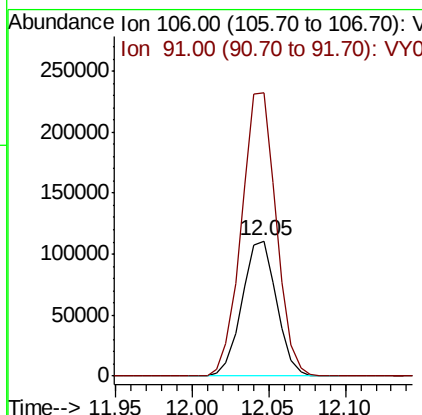
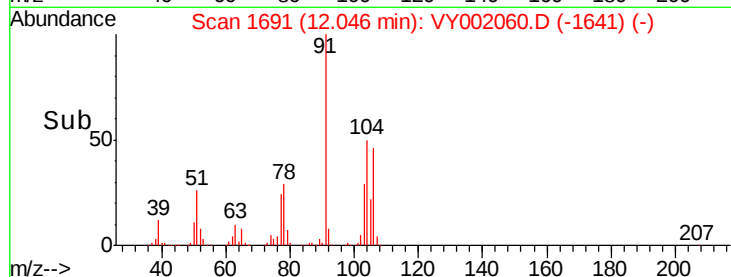
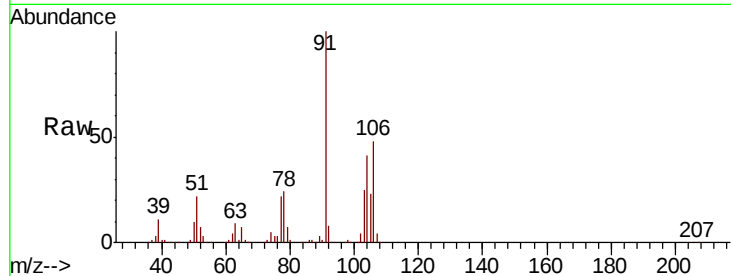
#69
o-Xylene
Concen: 54.090 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 173647
Ion Ratio Lower Upper
106 100
91 210.8 106.8 320.4

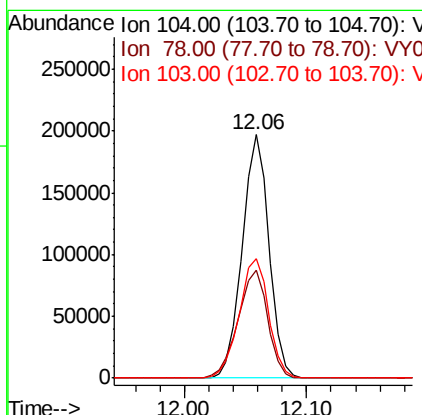
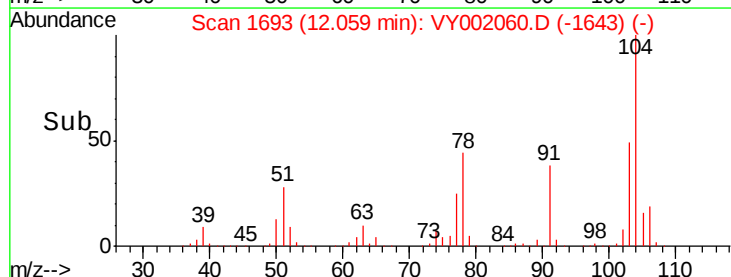
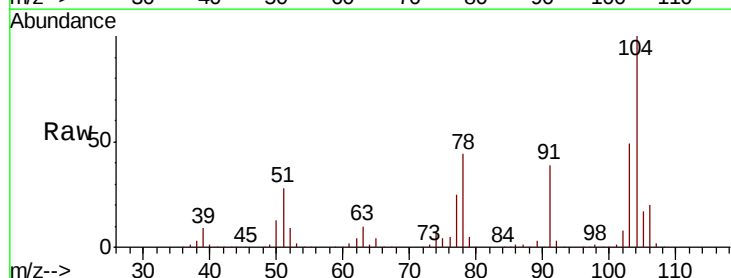
Manual Integrations
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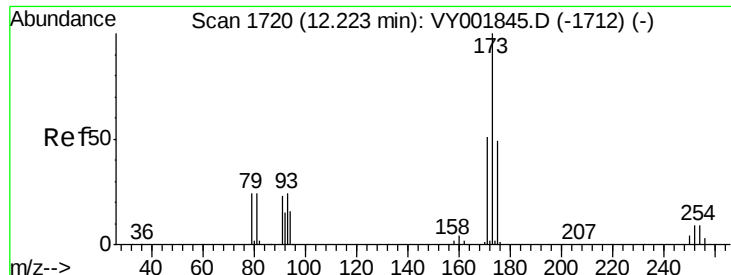
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#70
Styrene
Concen: 54.409 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:104 Resp: 299161
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.0 42.9 64.3





#71

Bromoform

Concen: 55.627 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

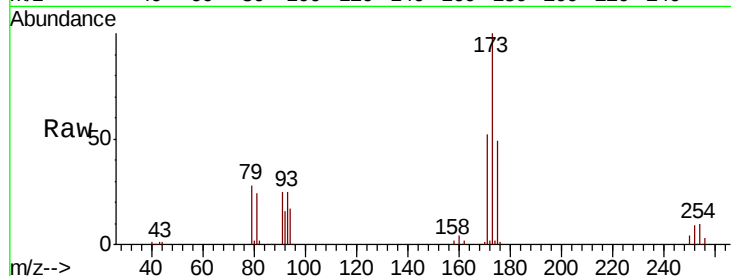
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.3	72.8
254	0.1	0.0	0.0

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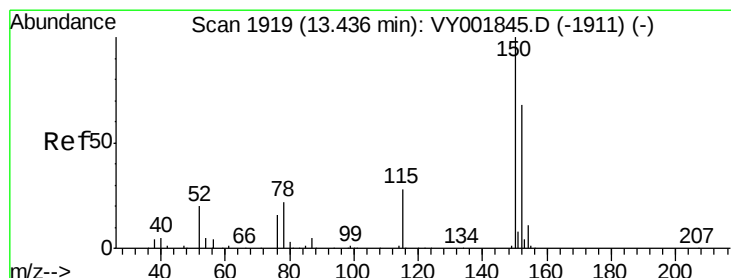
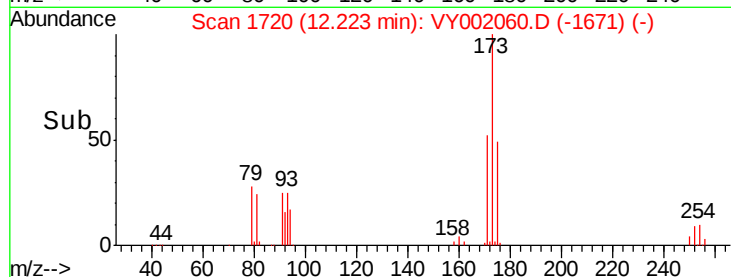
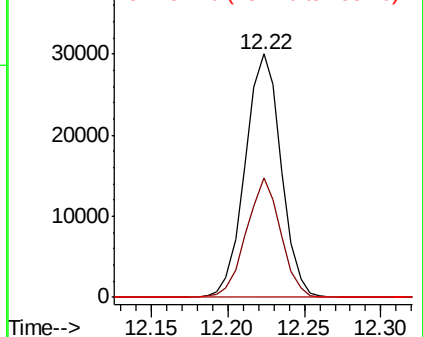


Abundance

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

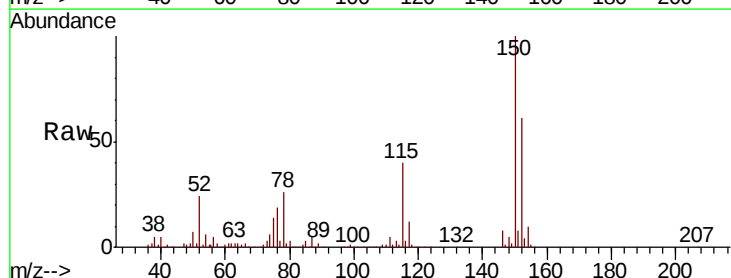
RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.9	89.7
150	175.6	0.0	340.6

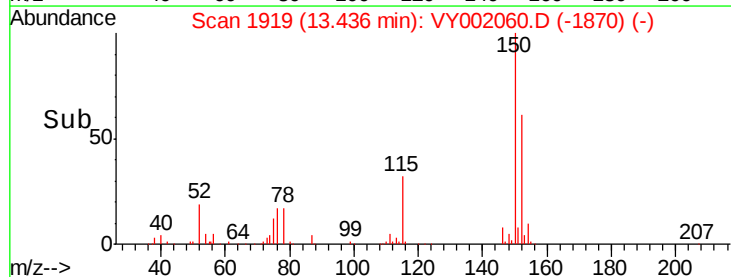
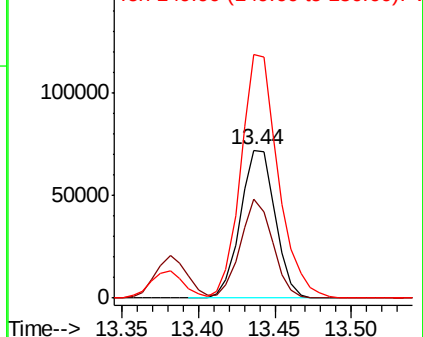


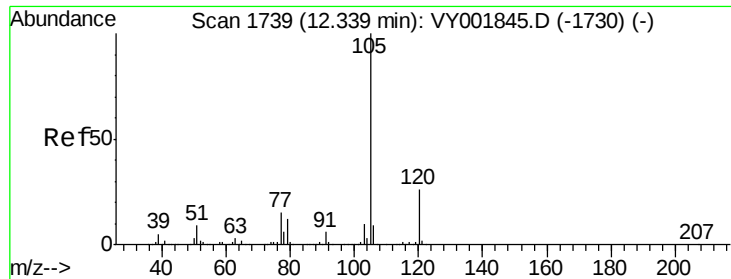
Abundance

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





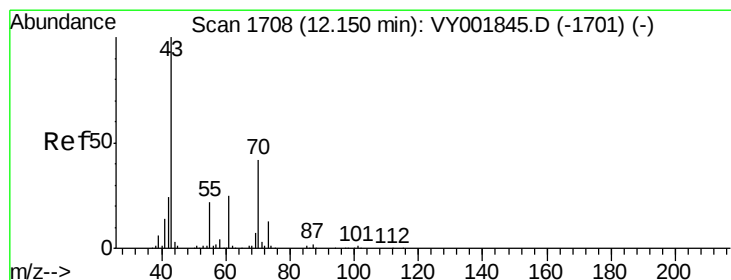
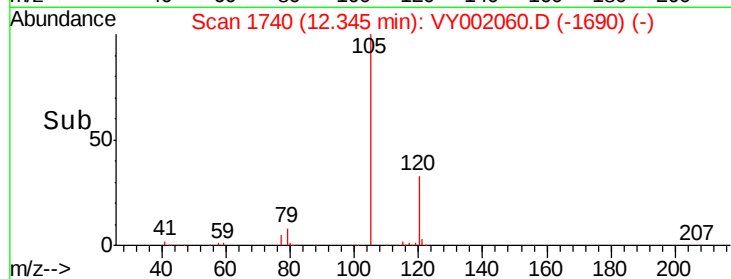
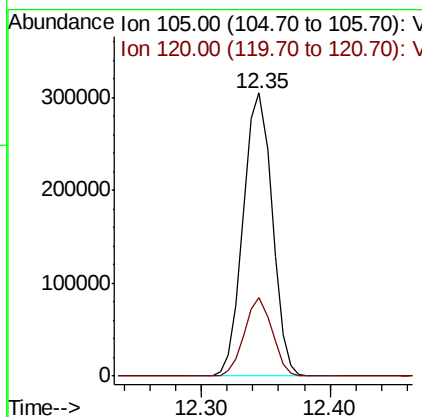
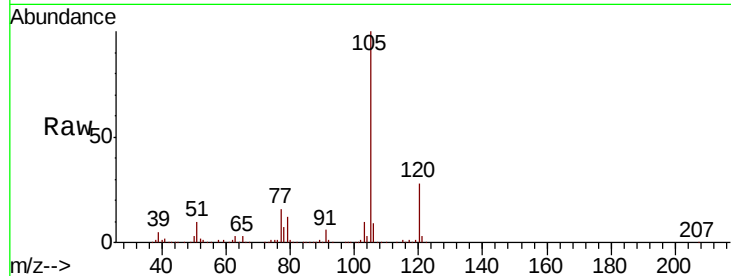
#73
Isopropylbenzene
Concen: 54.334 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.1	39.3

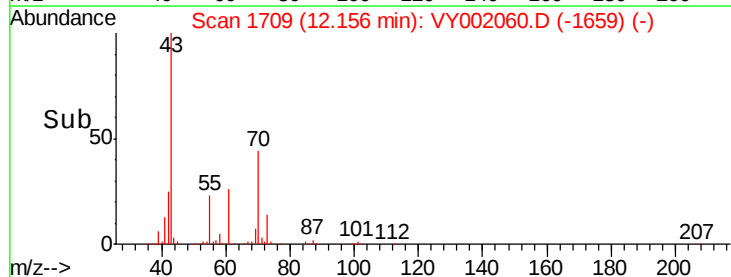
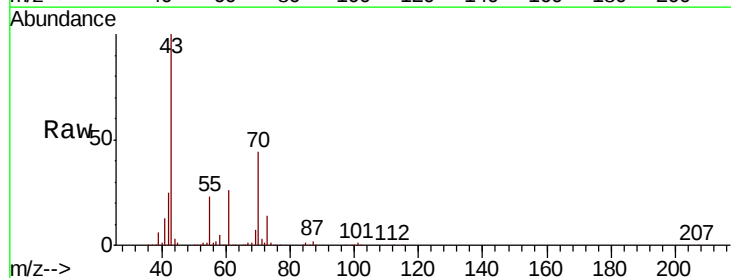
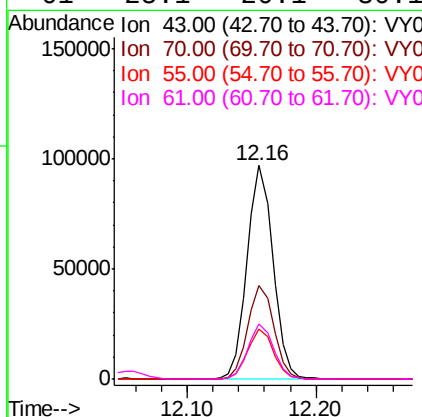
Manual Integrations
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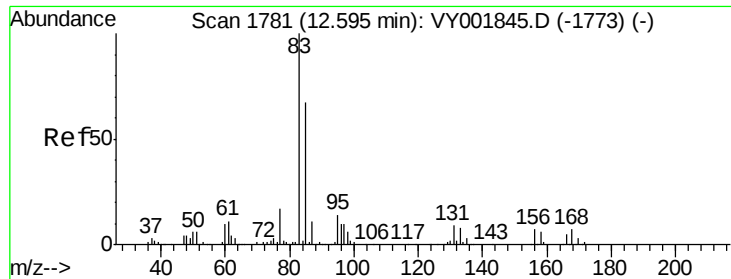
apatel
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#74
N-ethyl acetate
Concen: 50.291 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.8	34.7	52.1
55	23.4	18.2	27.4
61	25.1	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.579 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

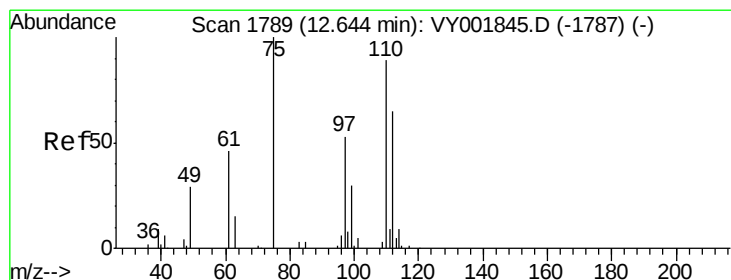
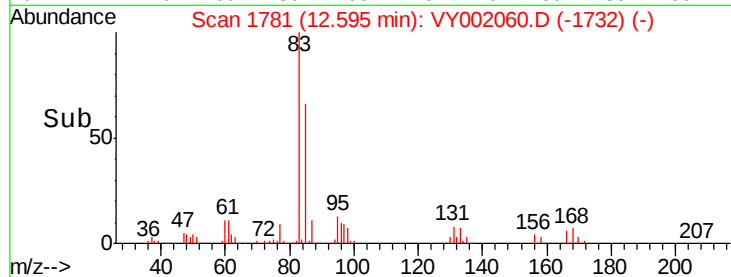
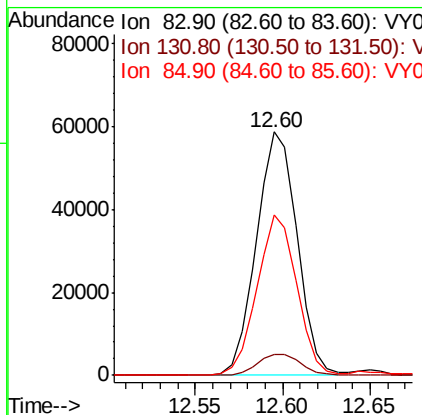
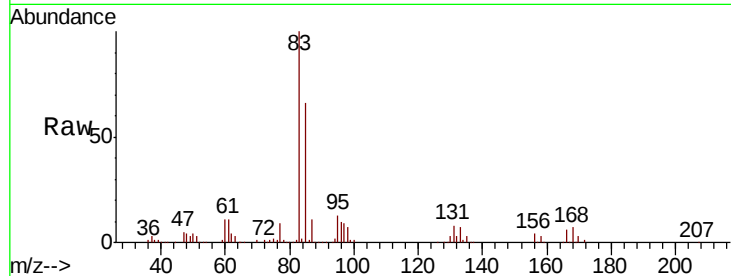
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	95118
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.6	13.8
85	64.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.984 ug/l m

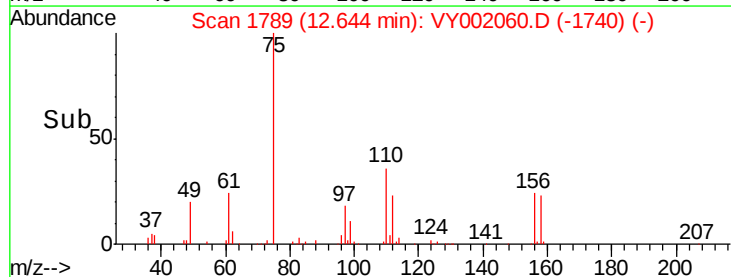
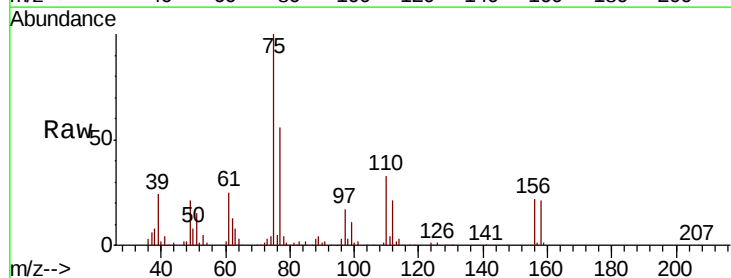
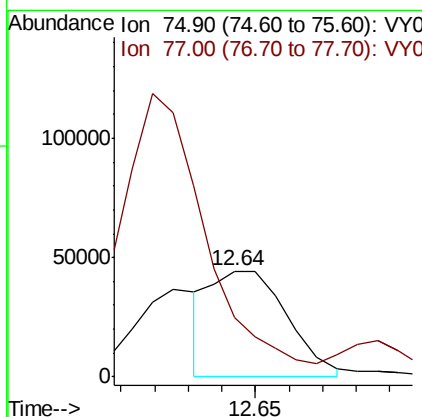
RT: 12.64 min Scan# 1789

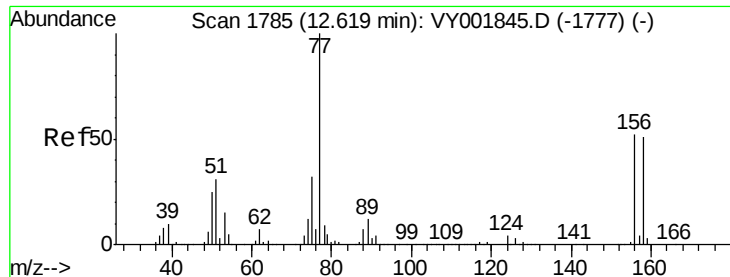
Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion:	75	Resp:	70465
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.283 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

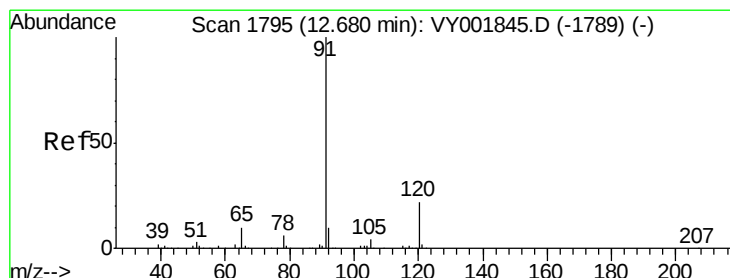
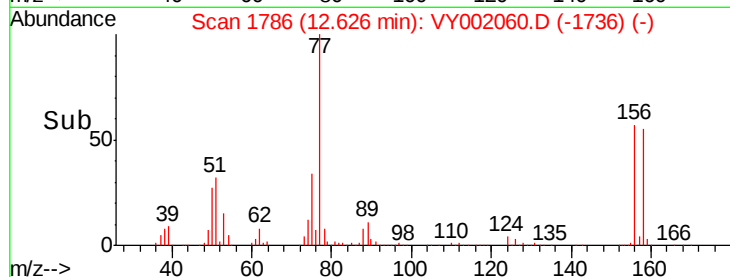
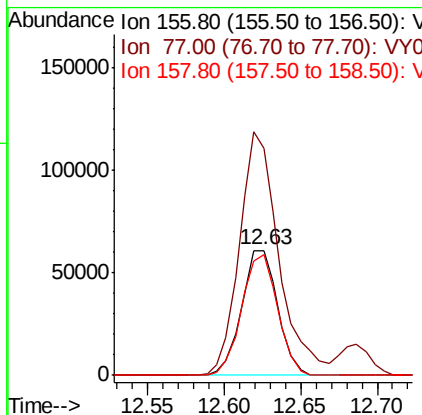
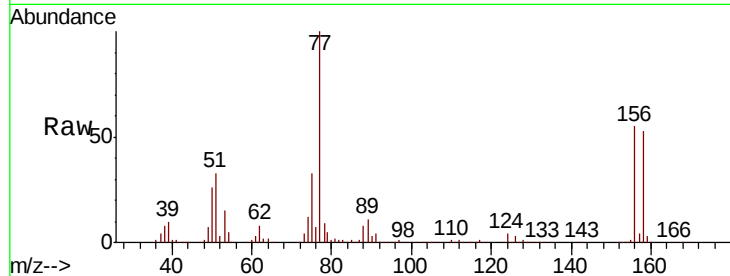
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	212.1	109.0	327.0		
158	95.4	48.9	146.8		

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#78

n-propylbenzene

Concen: 54.225 ug/l

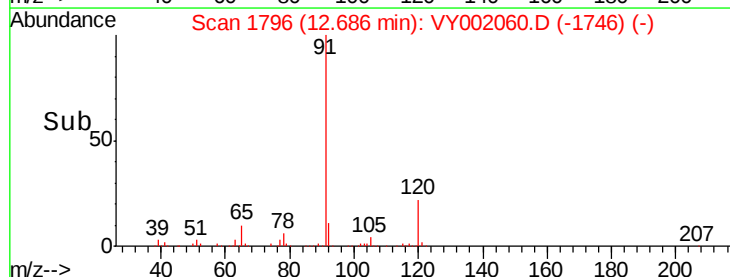
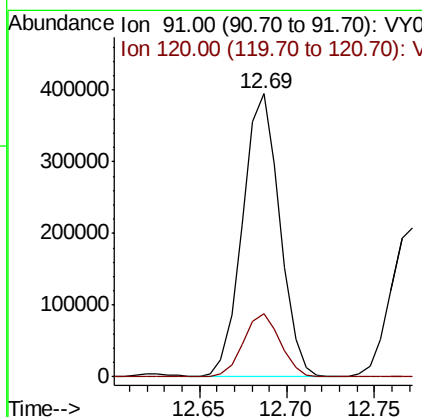
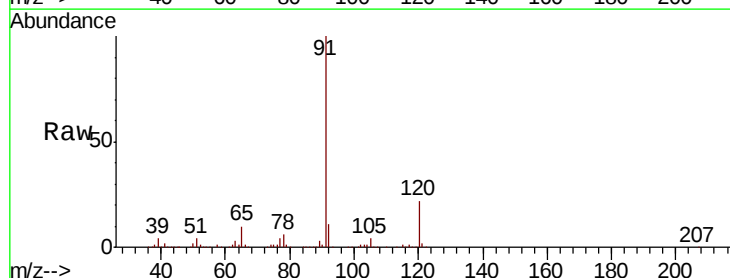
RT: 12.69 min Scan# 1796

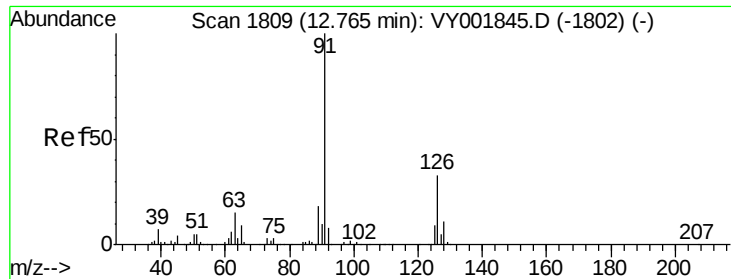
Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.1	11.0	33.0		





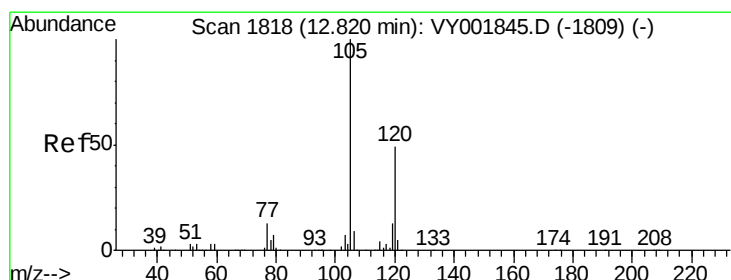
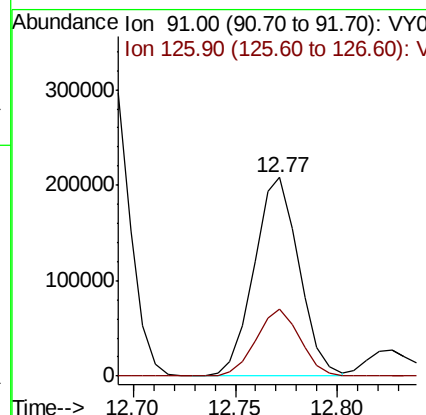
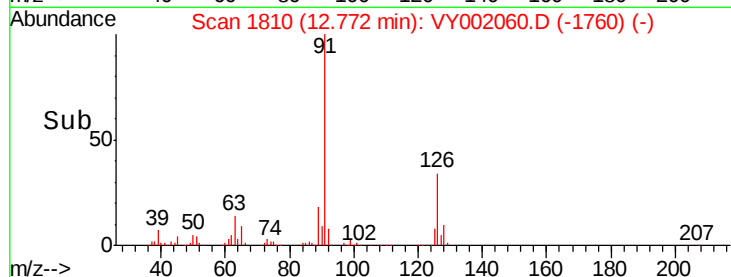
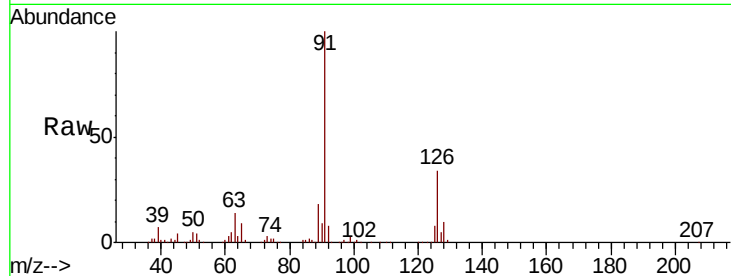
#79
 2-Chlorotoluene
 Concen: 53.719 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 319307
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.3 48.8

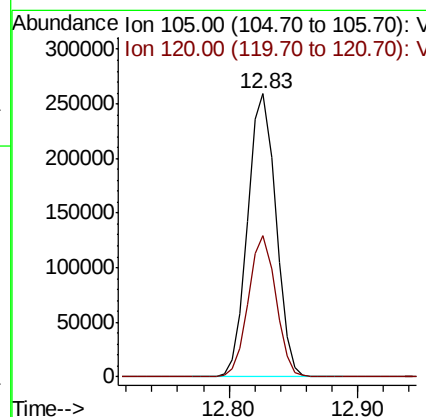
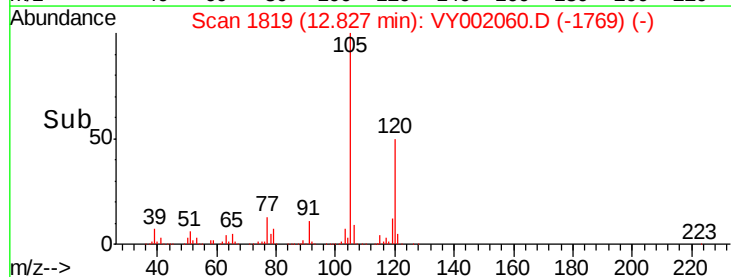
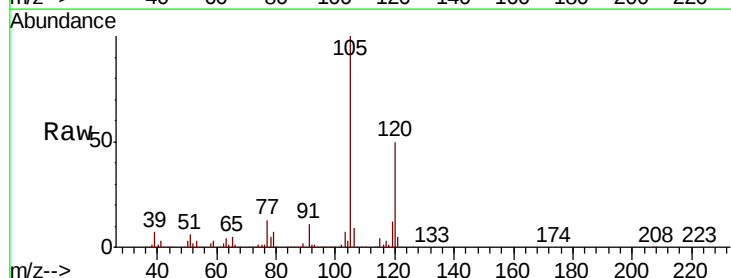
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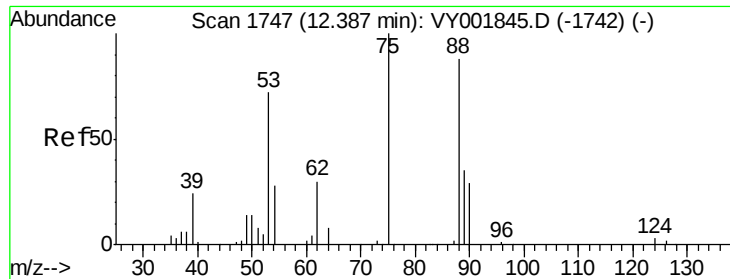
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.416 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 105 Resp: 390665
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.916 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

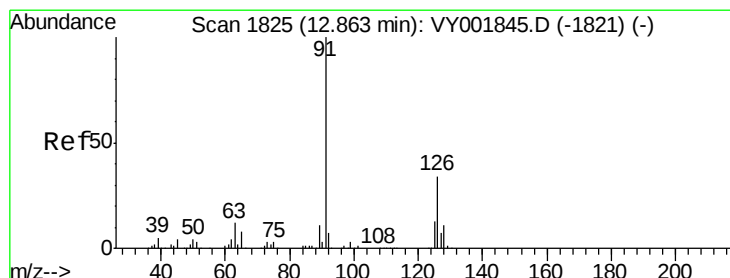
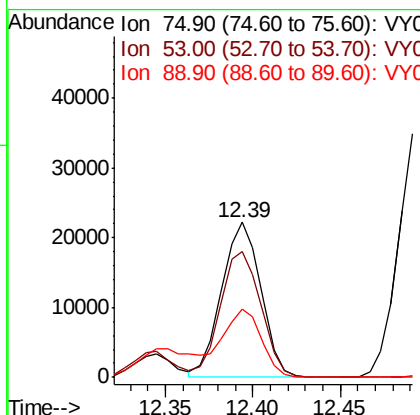
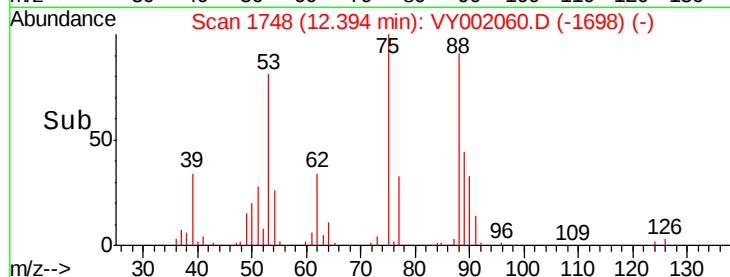
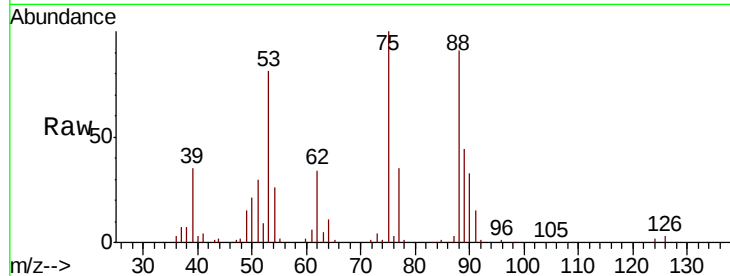
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	34839
Ion Ratio	Lower	Upper	
75	100		
53	82.5	65.4	98.0
89	44.4	36.0	54.0

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#82

4-Chlorotoluene

Concen: 54.750 ug/l

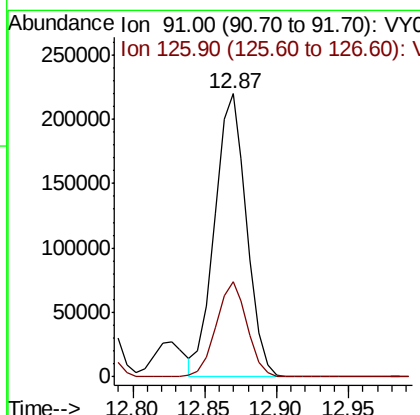
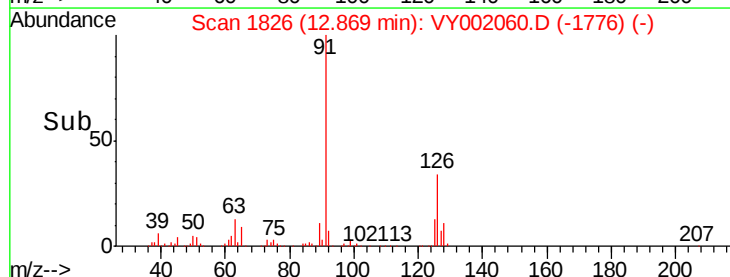
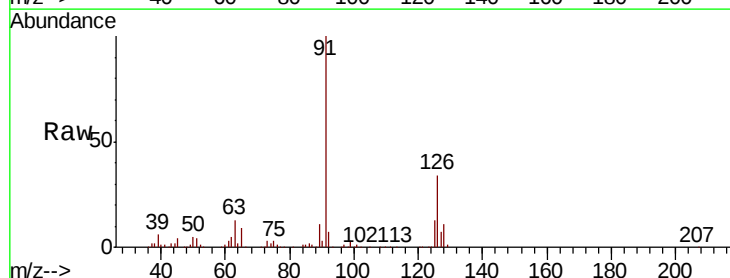
RT: 12.87 min Scan# 1826

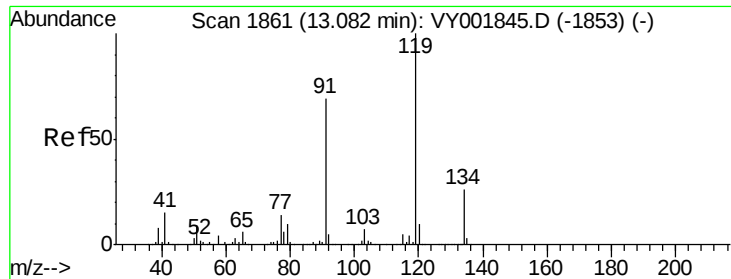
Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion:	91	Resp:	338841
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.2





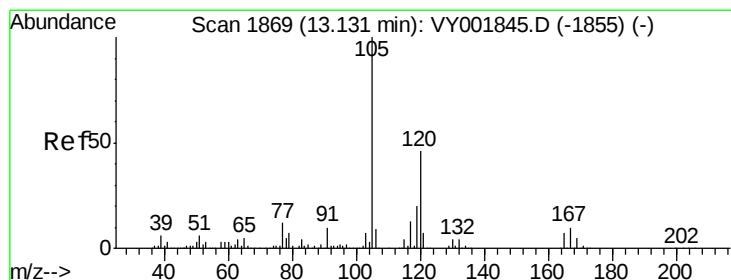
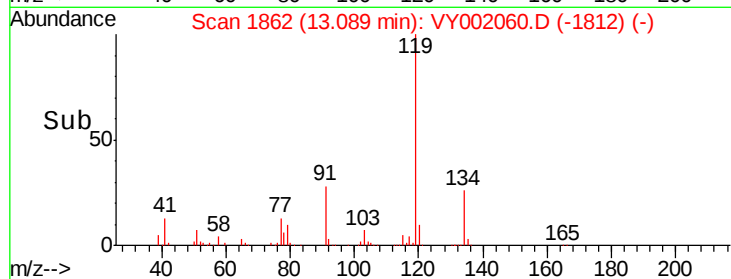
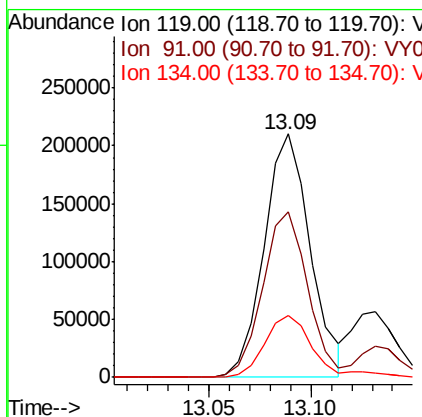
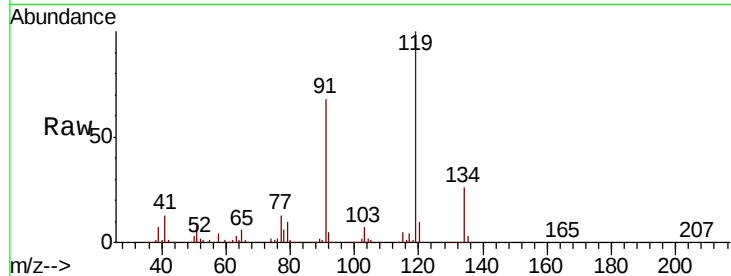
#83
tert-Butylbenzene
Concen: 55.677 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	331995		
91	66.0	34.0	101.8	
134	26.8	13.5	40.4	

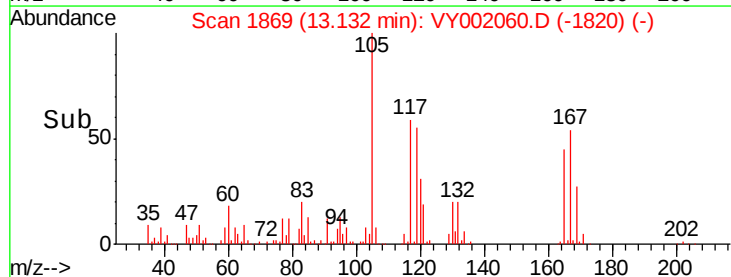
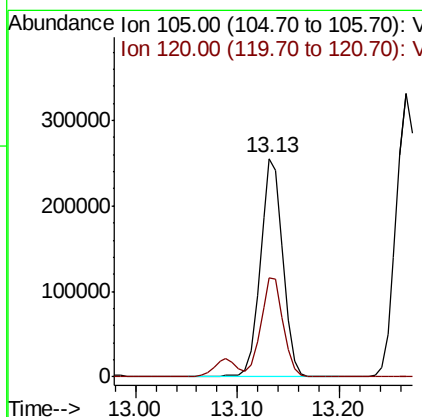
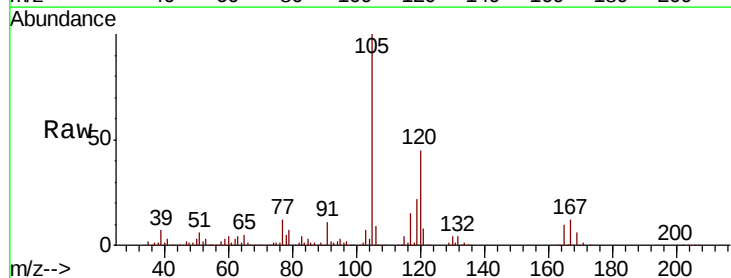
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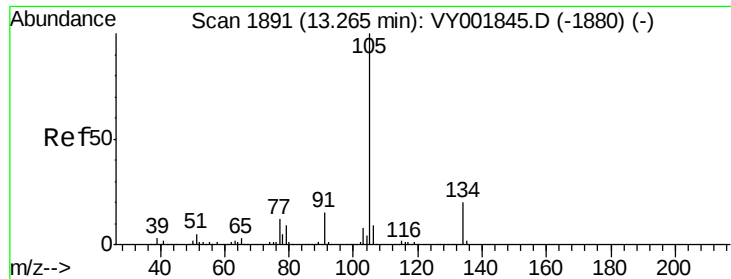
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#84
1,2,4-Trimethylbenzene
Concen: 54.802 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	390446		
120	45.0	22.6	67.7	





#85

sec-Butylbenzene

Concen: 55.592 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 488609

Ion Ratio Lower Upper

105 100

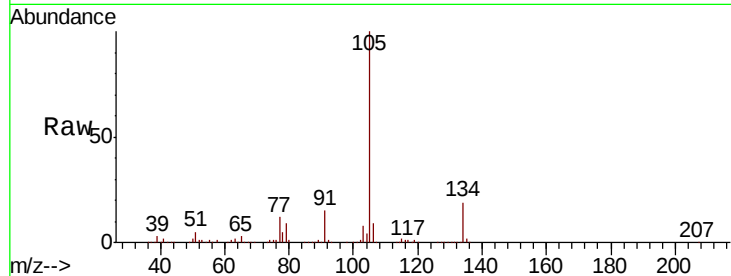
134 19.4 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

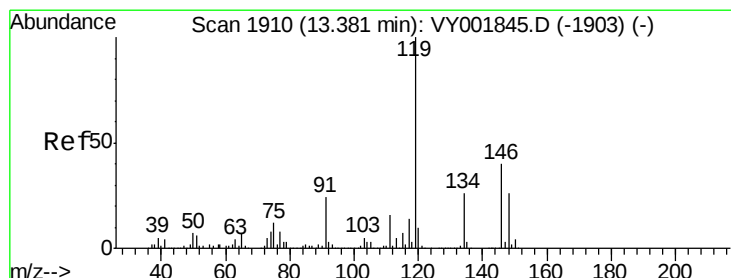
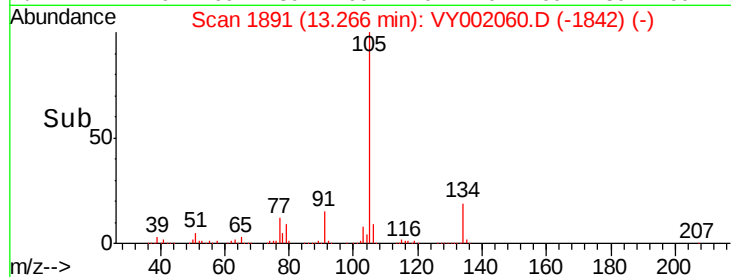
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.185 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

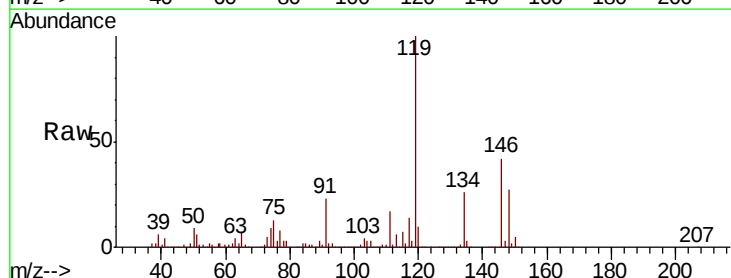
Tgt Ion:119 Resp: 418407

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.4 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

400000

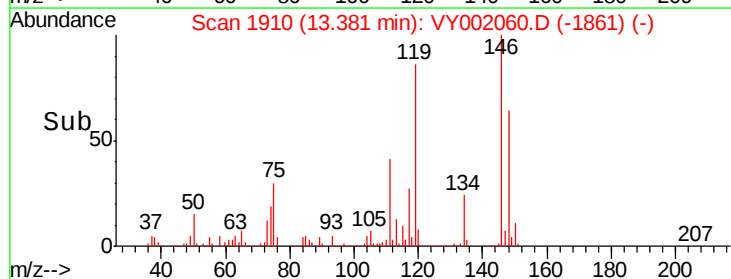
300000

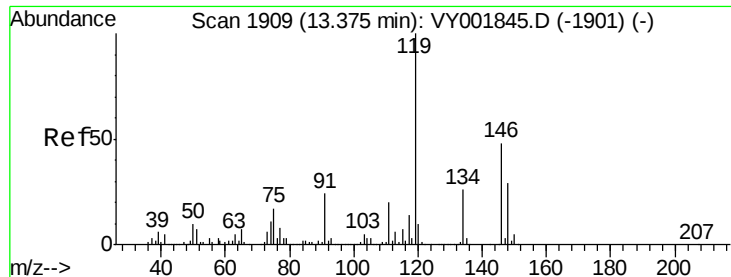
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.880 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

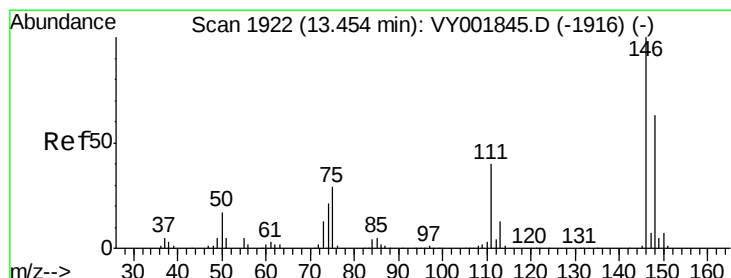
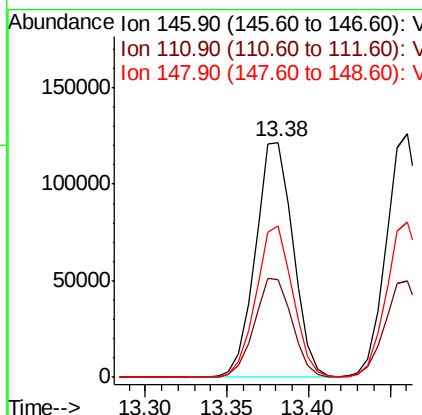
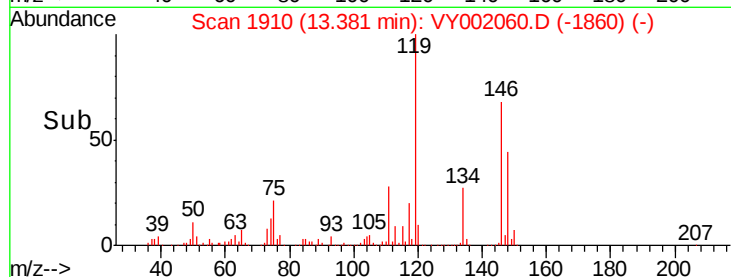
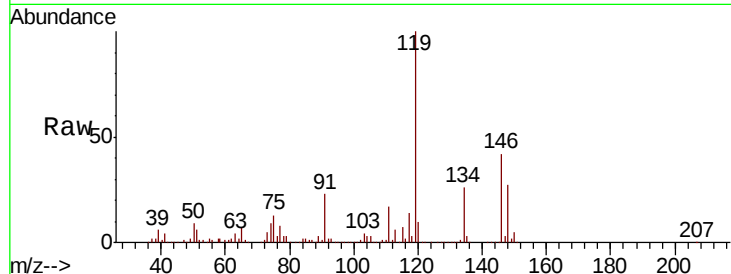
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.5
148	63.0	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 53.378 ug/l

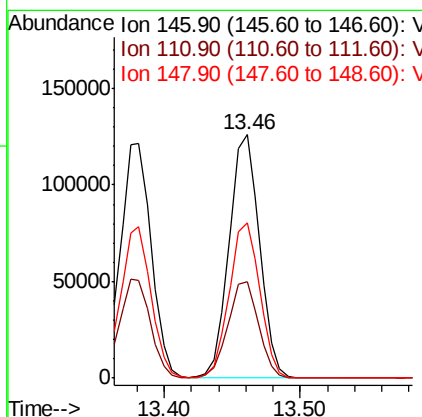
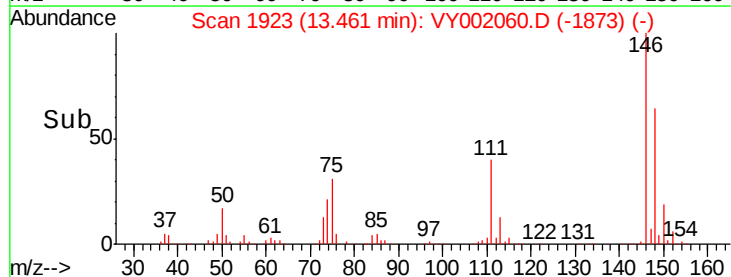
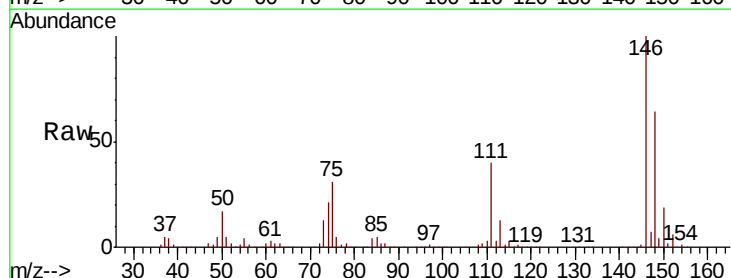
RT: 13.46 min Scan# 1923

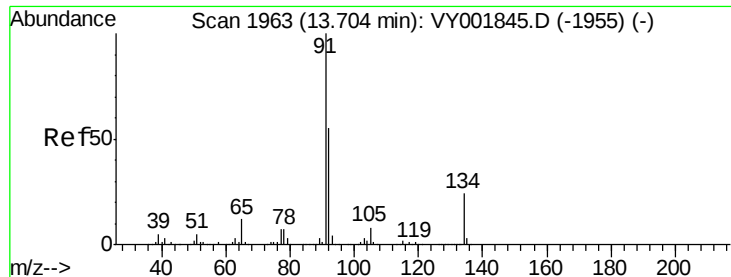
Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.2	31.5	94.5





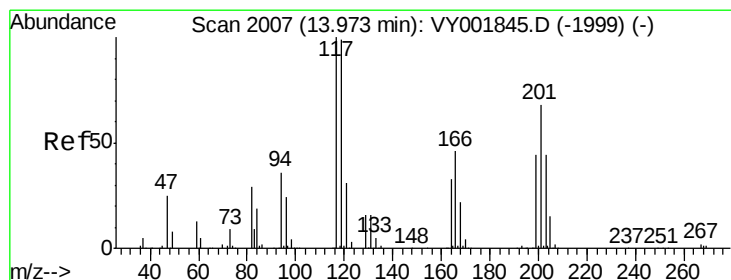
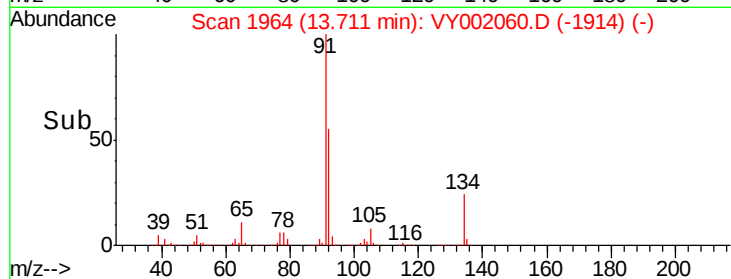
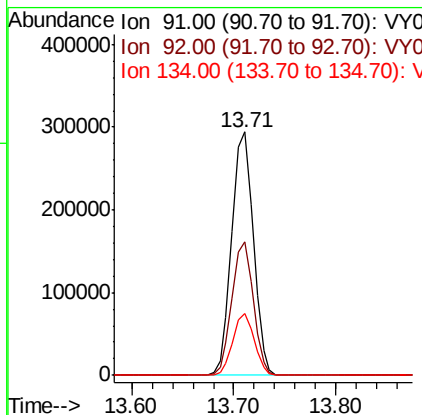
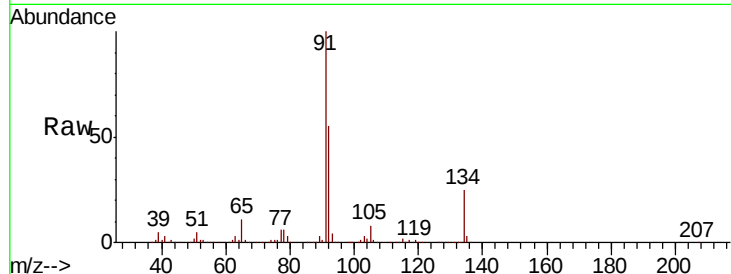
#89
n-Butylbenzene
Concen: 54.807 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	25.0	12.5	37.5

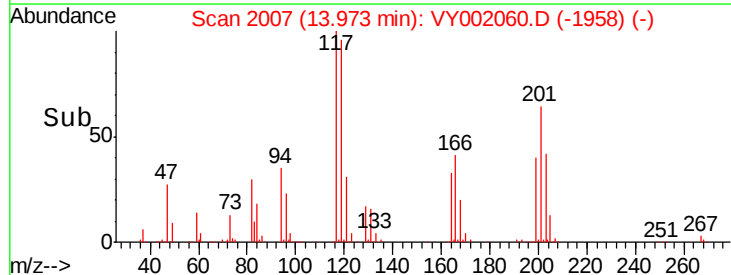
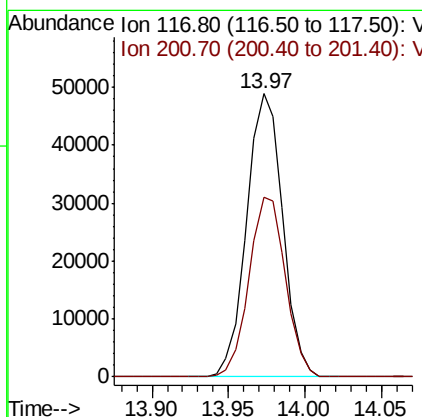
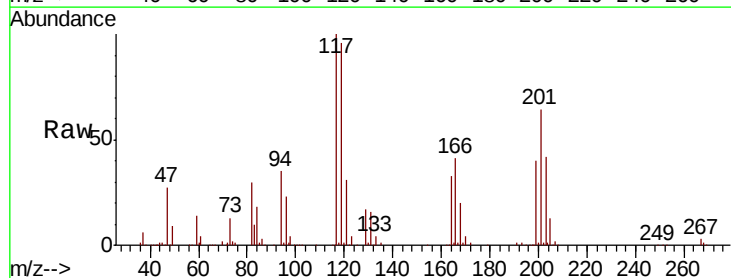
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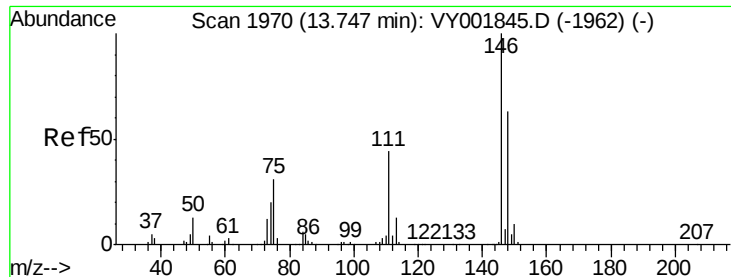
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#90
Hexachloroethane
Concen: 55.988 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.3	32.5	97.5





#91

1,2-Dichlorobenzene

Concen: 53.661 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

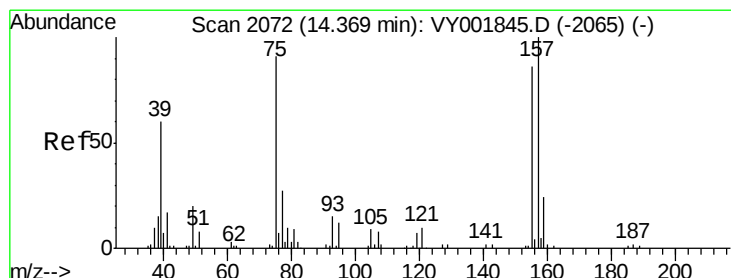
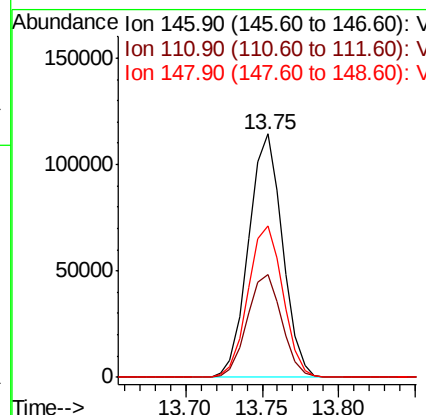
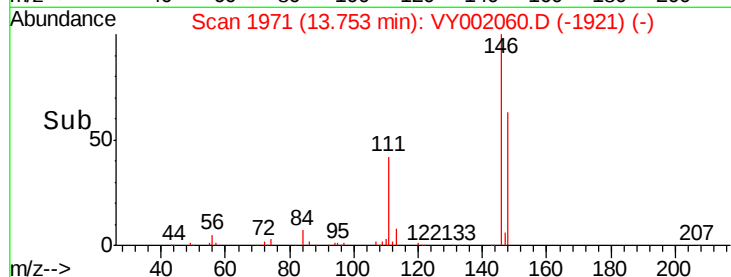
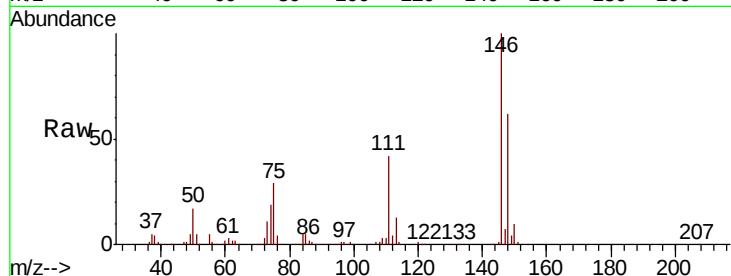
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	176504
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.5	64.5
148	63.9	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.963 ug/l

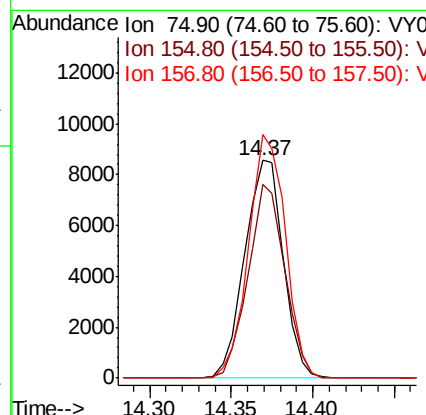
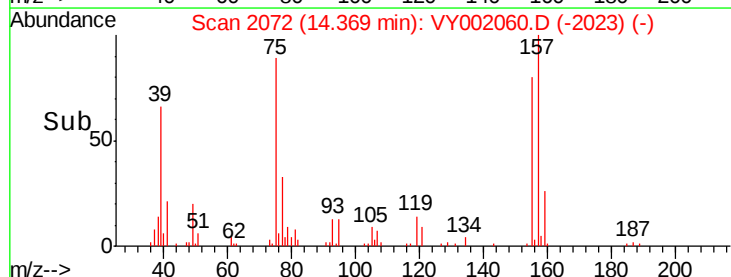
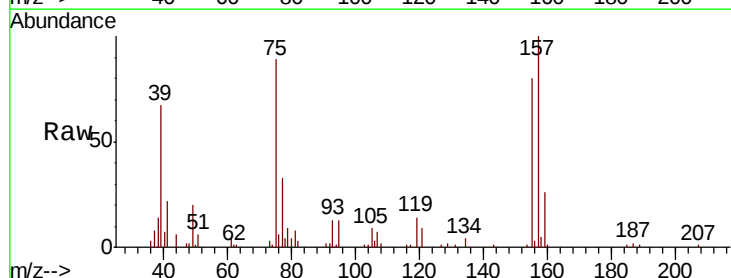
RT: 14.37 min Scan# 2072

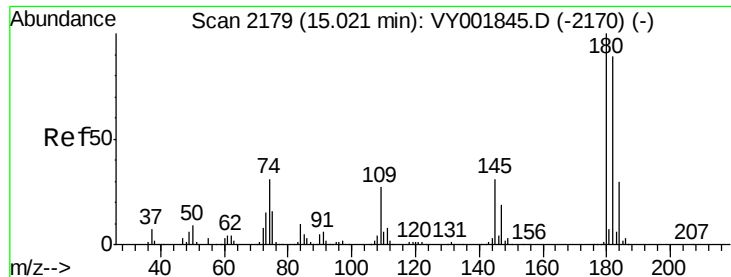
Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion:	75	Resp:	14075
Ion Ratio	Lower	Upper	
75	100		
155	85.2	42.9	128.7
157	106.8	53.1	159.4





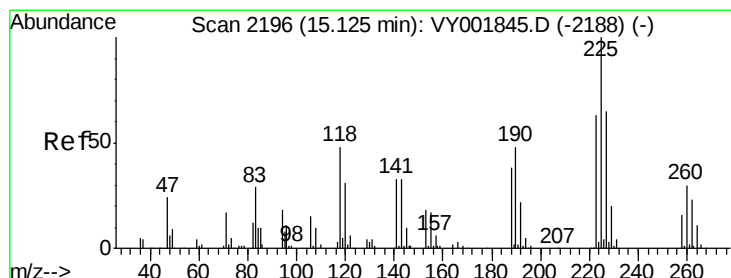
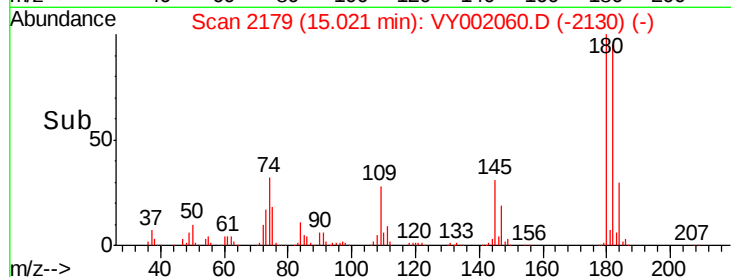
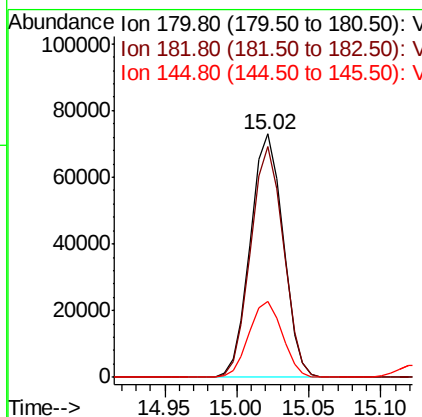
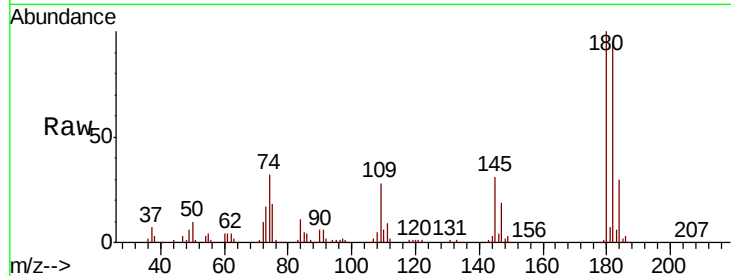
#93
 1,2,4-Trichlorobenzene
 Concen: 54.039 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	46.1	138.3	
145	31.9	15.6	46.8	

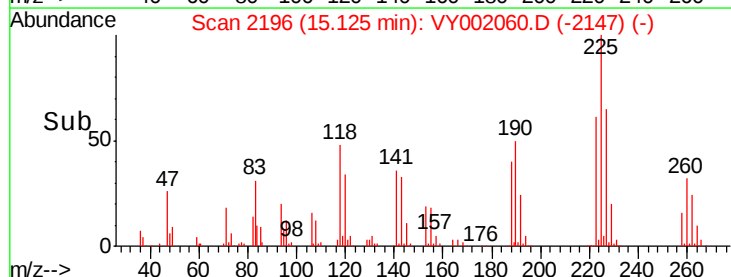
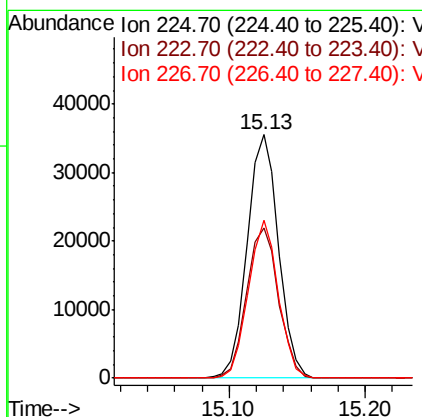
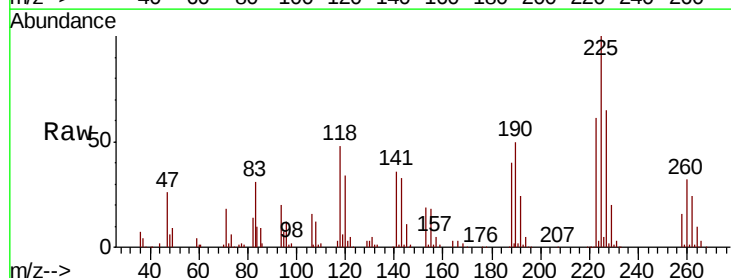
Manual Integrations
 APPROVED

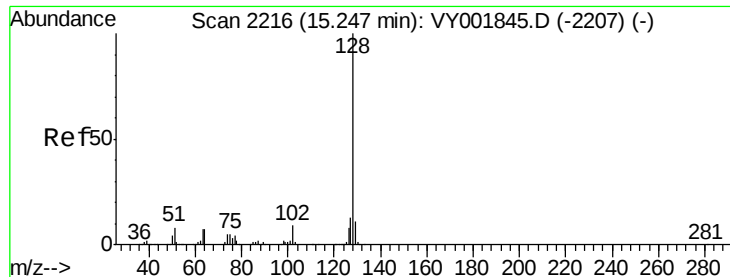
apatel
 3/26/2020 10:58:54 AM



#94
 Hexachlorobutadiene
 Concen: 55.112 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.5	94.5	
227	62.2	31.9	95.5	





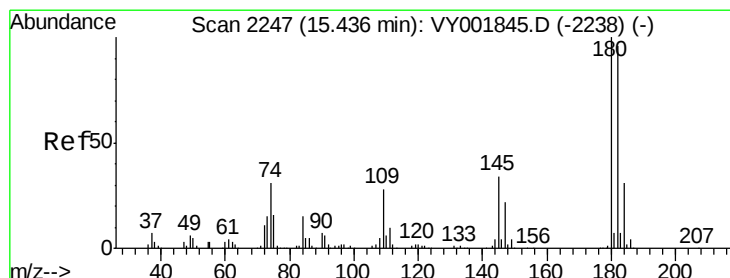
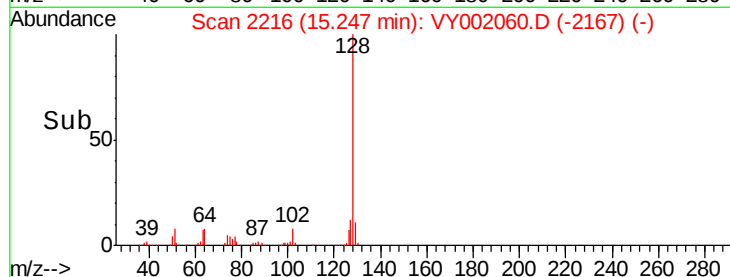
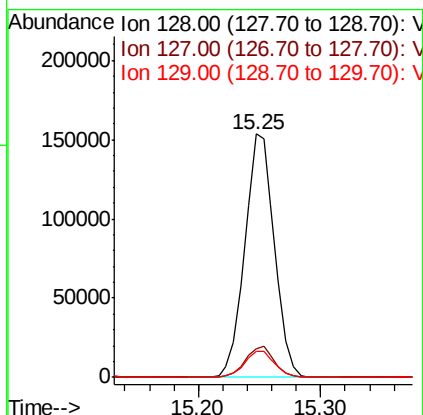
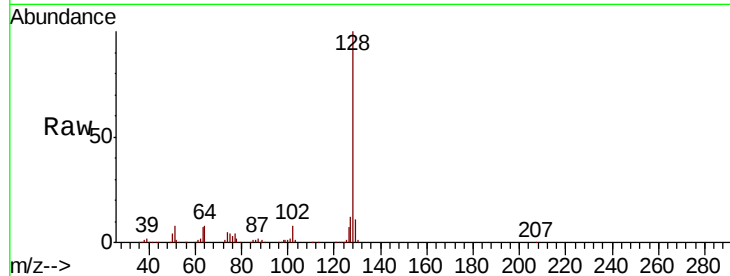
#95
Naphthalene
Concen: 50.790 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
3/26/2020 10:58:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.134 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.9
145	33.7	16.8	50.3

