

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002062.D
 Acq On : 25 Mar 2020 13:32
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

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 3/26/2020 10:58:57 AM

Quant Time: Mar 26 07:06:28 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	157305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	84548	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.75	113	78723	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.20	98	318407	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.50	95	116145	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	26009	17.912	ug/l	99
3) Chloromethane	2.13	50	36112	18.446	ug/l	99
4) Vinyl Chloride	2.27	62	37491	18.827	ug/l	99
5) Bromomethane	2.66	94	25526	18.228	ug/l	96
6) Chloroethane	2.82	64	25078	20.048	ug/l	98
7) Trichlorofluoromethane	3.15	101	53409	19.777	ug/l	97
8) Diethyl Ether	3.56	74	21664	20.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	34588	19.913	ug/l	98
10) Methyl Iodide	4.12	142	37614	18.725	ug/l	99
11) Tert butyl alcohol	5.00	59	20436	103.726	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	34527	19.742	ug/l	97
13) Acrolein	3.76	56	15629	66.228	ug/l	97
14) Allyl chloride	4.52	41	63607	20.515	ug/l	99
15) Acrylonitrile	5.21	53	58291	102.487	ug/l	99
16) Acetone	3.99	43	49504	101.210	ug/l	97
17) Carbon Disulfide	4.22	76	102939	17.509	ug/l	100
18) Methyl Acetate	4.52	43	26801	21.325	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	98512	20.785	ug/l	95
20) Methylene Chloride	4.75	84	42114	20.090	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	39560	19.928	ug/l	98
22) Diisopropyl ether	6.15	45	134233	21.121	ug/l	97
23) Vinyl Acetate	6.10	43	430107	103.230	ug/l	99
24) 1,1-Dichloroethane	6.05	63	70343	20.438	ug/l	98
25) 2-Butanone	7.02	43	76805	103.257	ug/l	98
26) 2,2-Dichloropropane	7.02	77	59338	21.006	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	44678	20.691	ug/l	100
28) Bromochloromethane	7.36	49	32227	20.774	ug/l	99
29) Tetrahydrofuran	7.38	42	50787	102.819	ug/l	98
30) Chloroform	7.54	83	66730	20.636	ug/l	99
31) Cyclohexane	7.82	56	72187	19.561	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	56287	20.653	ug/l	99
36) 1,1-Dichloropropene	7.94	75	55082	20.224	ug/l	99
37) Ethyl Acetate	7.11	43	32859	20.758	ug/l	100
38) Carbon Tetrachloride	7.92	117	47480	20.407	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	71426	19.772	ug/l	99
40) Benzene	8.19	78	164295	20.351	ug/l	97
41) Methacrylonitrile	7.34	41	16465m	23.112	ug/l	
42) 1,2-Dichloroethane	8.27	62	43705	21.009	ug/l	99
43) Isopropyl Acetate	8.30	43	62574	20.879	ug/l	99
44) Trichloroethene	8.96	130	39422	20.051	ug/l	92
45) 1,2-Dichloropropane	9.24	63	41659	20.528	ug/l	99
46) Dibromomethane	9.33	93	21403	20.466	ug/l	99
47) Bromodichloromethane	9.52	83	51179	21.038	ug/l	94
48) Methyl methacrylate	9.31	41	27691	20.822	ug/l	96
49) 1,4-Dioxane	9.32	88	5662	395.116	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	162345	105.167	ug/l	99
52) Toluene	10.26	92	101432	20.683	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	55062	20.775	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	65895	20.885	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	31778	20.763	ug/l	99
56) Ethyl methacrylate	10.53	69	47373	21.117	ug/l	96
57) 1,3-Dichloropropane	10.81	76	57064	20.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	129248	152.239	ug/l	99
59) 2-Hexanone	10.85	43	114674	104.077	ug/l	99
60) Dibromochloromethane	11.00	129	33585	20.825	ug/l	100
61) 1,2-Dibromoethane	11.11	107	29471	20.328	ug/l	100
64) Tetrachloroethene	10.74	164	32921	20.644	ug/l	98
65) Chlorobenzene	11.53	112	103984	20.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	34667	20.863	ug/l	98
67) Ethyl Benzene	11.61	91	193945	20.524	ug/l	98
68) m/p-Xylenes	11.72	106	143853	41.175	ug/l	100
69) o-Xylene	12.05	106	66960	20.335	ug/l	98
70) Styrene	12.06	104	117850	20.896	ug/l	100
71) Bromoform	12.22	173	18763	20.822	ug/l #	98
73) Isopropylbenzene	12.34	105	185442	20.301	ug/l	100
74) N-amyl acetate	12.16	43	56882	20.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39364	19.983	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	24720m	17.410	ug/l	
77) Bromobenzene	12.63	156	39680	20.503	ug/l	98
78) n-propylbenzene	12.69	91	228266	20.255	ug/l	100
79) 2-Chlorotoluene	12.77	91	125979	20.234	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	150685	20.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14066	20.011	ug/l	96
82) 4-Chlorotoluene	12.87	91	133079	20.529	ug/l	100
83) tert-Butylbenzene	13.09	119	127686	20.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	152351	20.415	ug/l	99
85) sec-Butylbenzene	13.27	105	187902	20.410	ug/l	100
86) p-Isopropyltoluene	13.38	119	164859	20.759	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	77733	20.497	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	79579	20.684	ug/l	98
89) n-Butylbenzene	13.71	91	169524	20.575	ug/l	99
90) Hexachloroethane	13.97	117	31010	20.698	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	70080	20.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6437	20.941	ug/l	93

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ClientSampleId :
VY0325SBS01

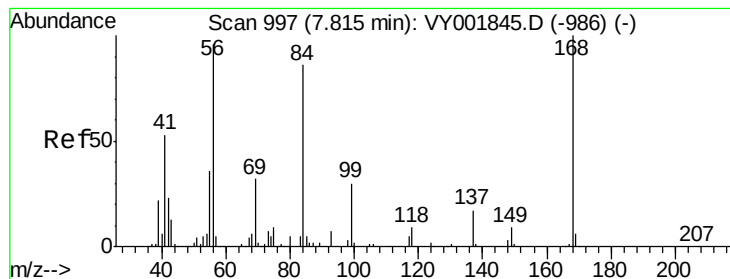
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46905	20.992	ug/l	99
94) Hexachlorobutadiene	15.12	225	22854	20.980	ug/l	99
95) Naphthalene	15.25	128	104922	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	40161	20.403	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion:168 Resp: 157305

Ion Ratio Lower Upper

168 100

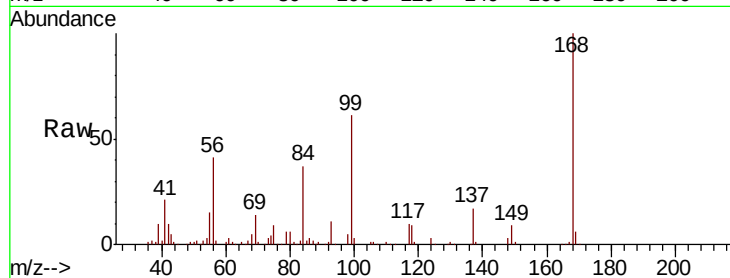
99 60.5 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

60000

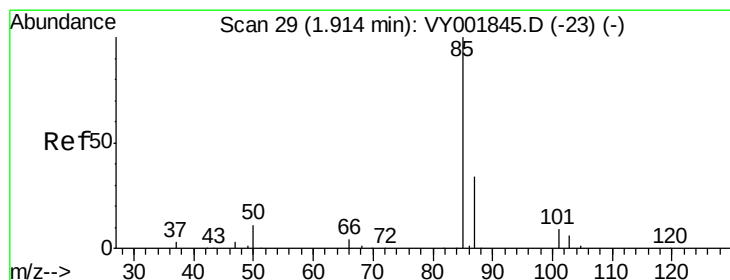
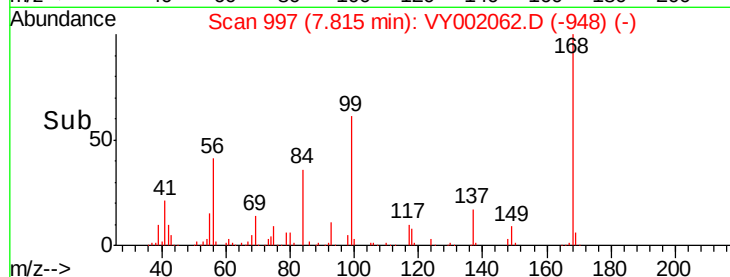
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.912 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002062.D

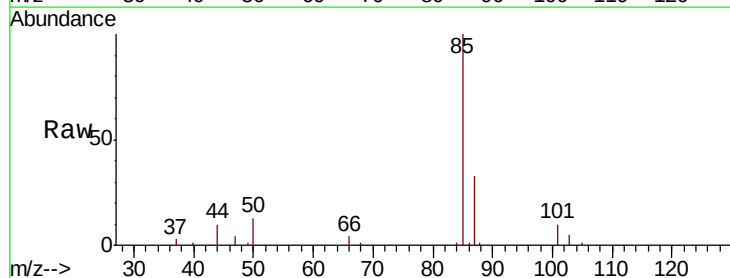
Acq: 25 Mar 2020 13:32

Tgt Ion: 85 Resp: 26009

Ion Ratio Lower Upper

85 100

87 33.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

20000

15000

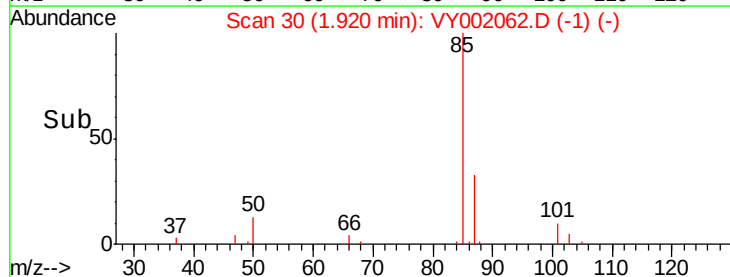
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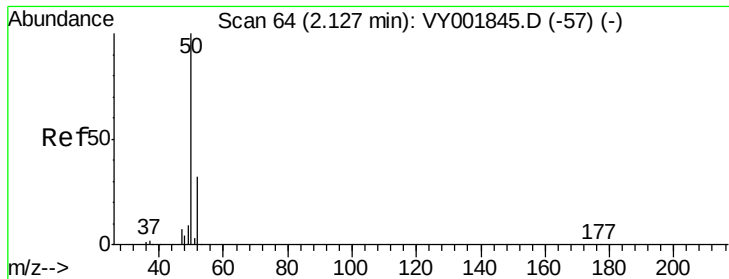
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.446 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 50 Resp: 36112

Ion Ratio Lower Upper

50 100

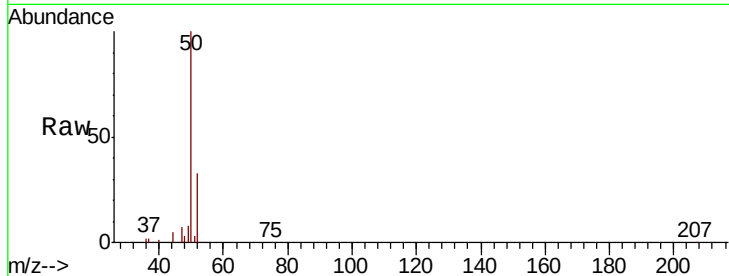
52 32.5 25.8 38.6

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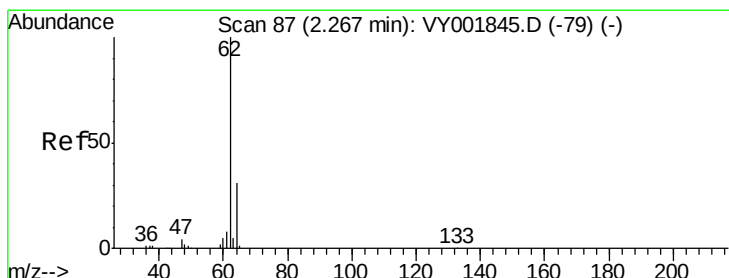
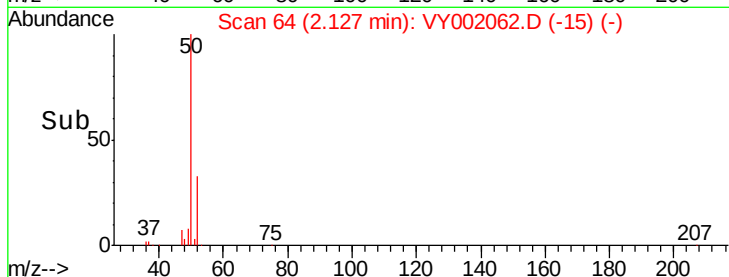
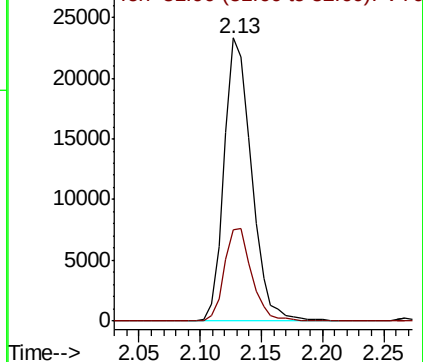
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.827 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002062.D

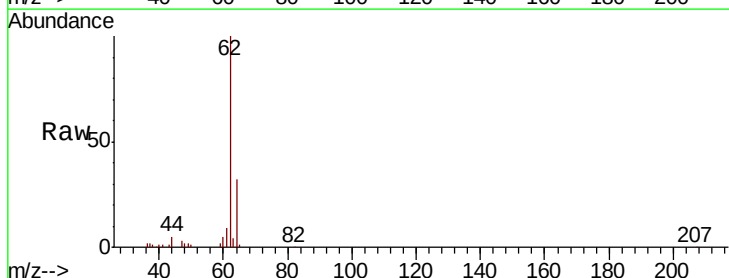
Acq: 25 Mar 2020 13:32

Tgt Ion: 62 Resp: 37491

Ion Ratio Lower Upper

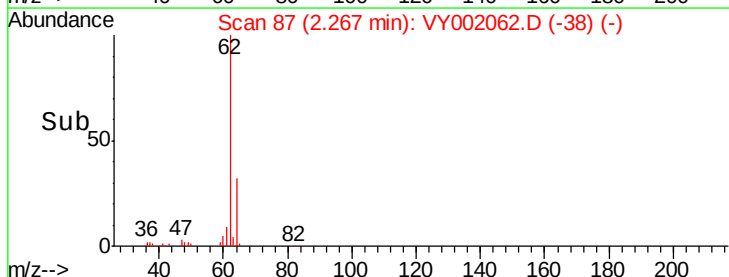
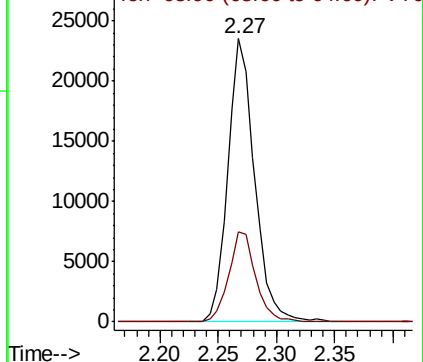
62 100

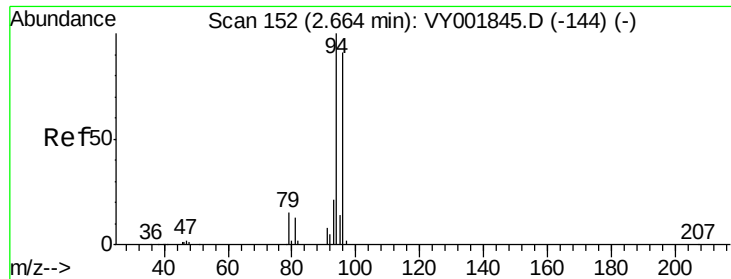
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.228 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 94 Resp: 25526

Ion Ratio Lower Upper

94 100

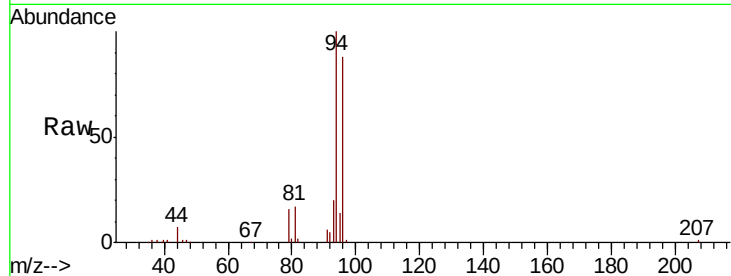
96 87.8 73.2 109.8

Manual Integrations

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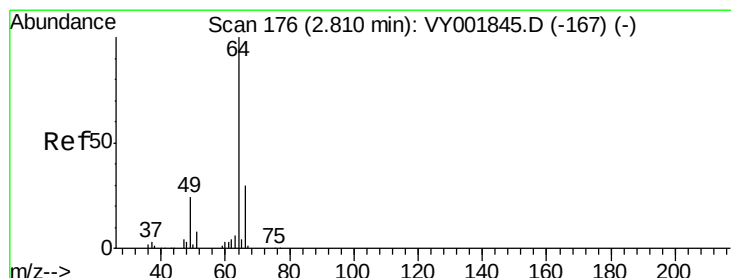
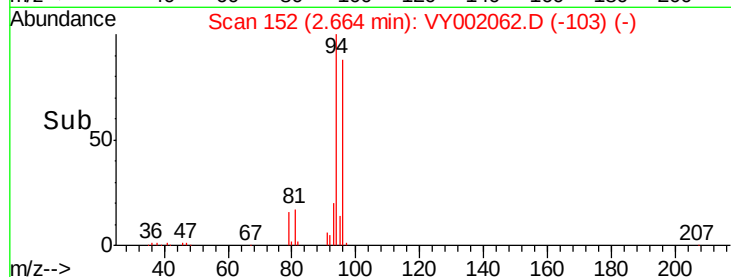
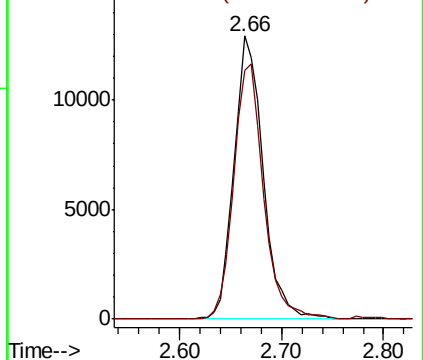
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.048 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002062.D

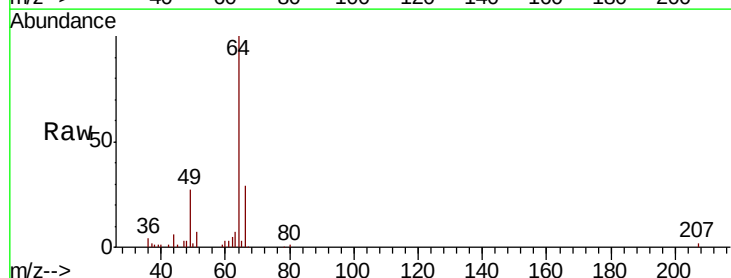
Acq: 25 Mar 2020 13:32

Tgt Ion: 64 Resp: 25078

Ion Ratio Lower Upper

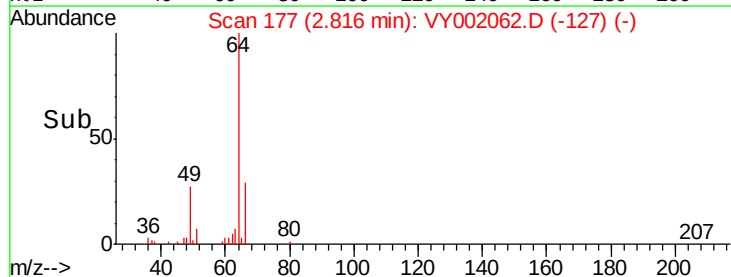
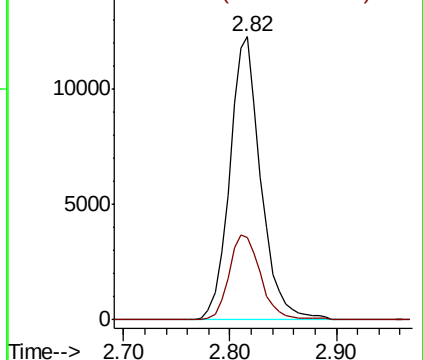
64 100

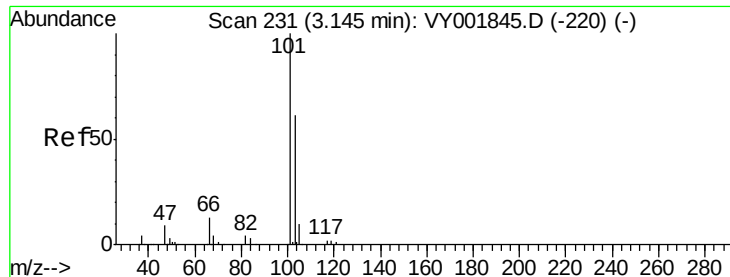
66 29.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

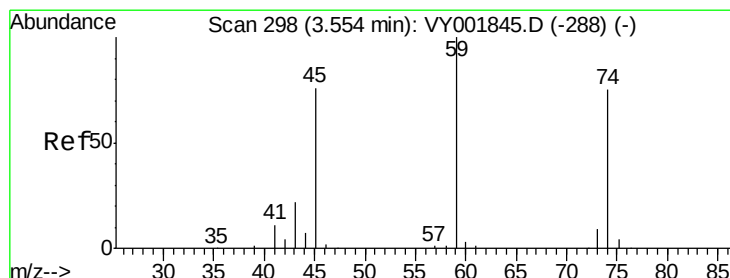
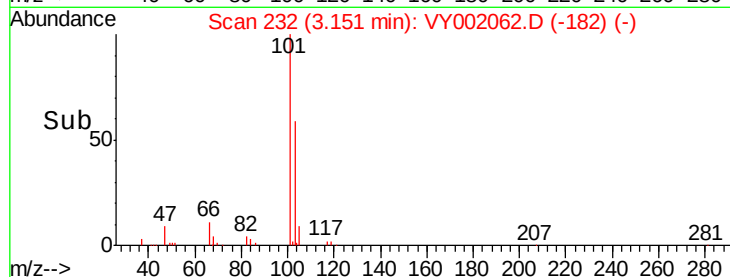
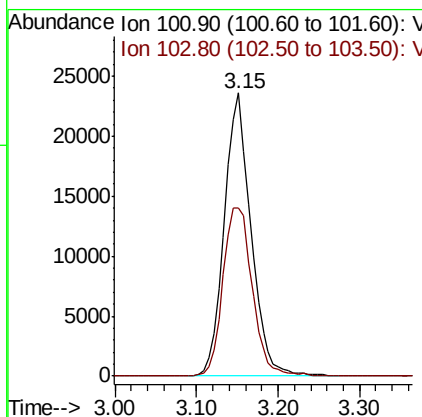
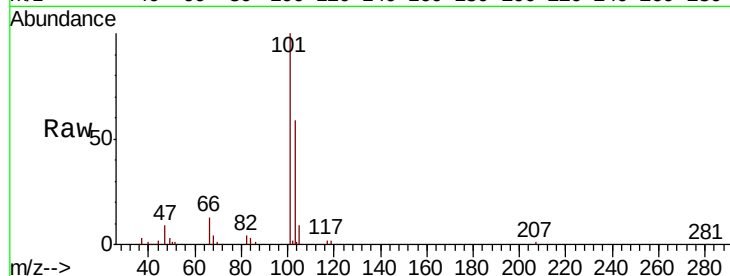
Trichlorofluoromethane
Concen: 19.777 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002062.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	59.3	49.1	73.7

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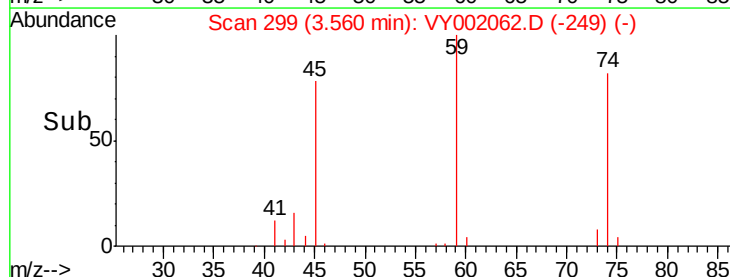
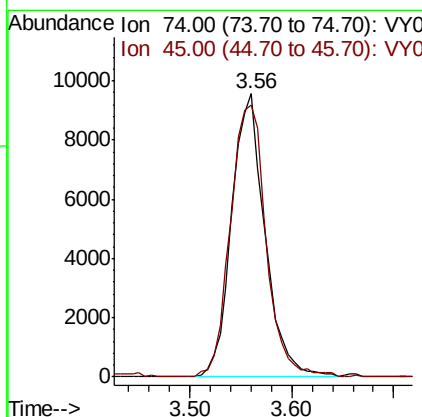
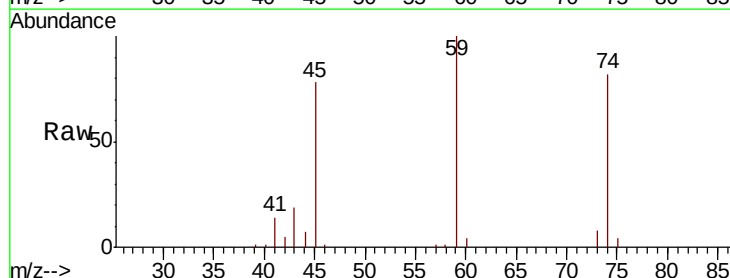
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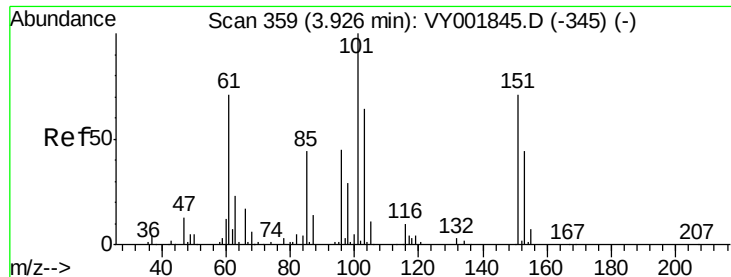


#8

Diethyl Ether
Concen: 20.354 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.913 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY002062.D

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Instrument :

MSVOA_Y

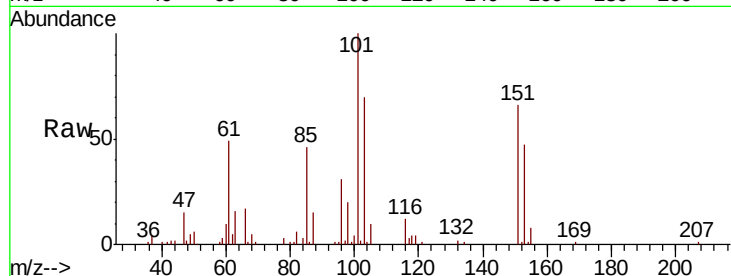
ClientSampleId :

VY0325SBS01

Tot Ion:	101	Resp:	34588
Ion Ratio	Lower	Upper	
101	100		
85	46.9	35.3	52.9
151	72.0	57.0	85.4

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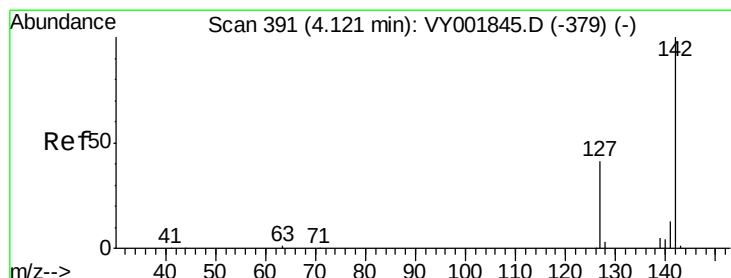
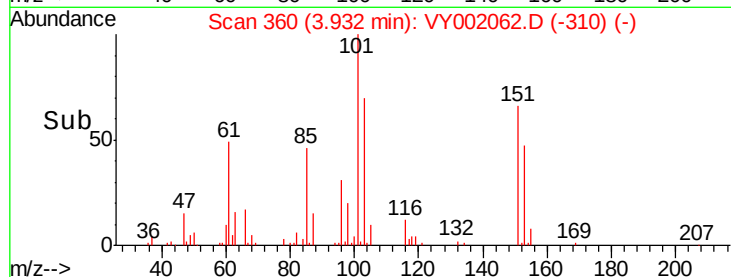
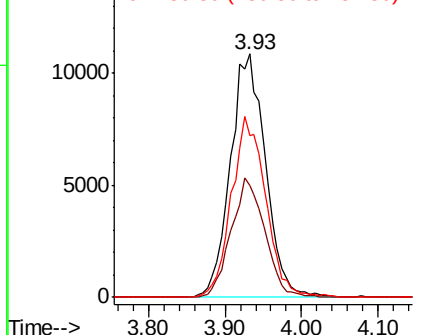


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.725 ug/l

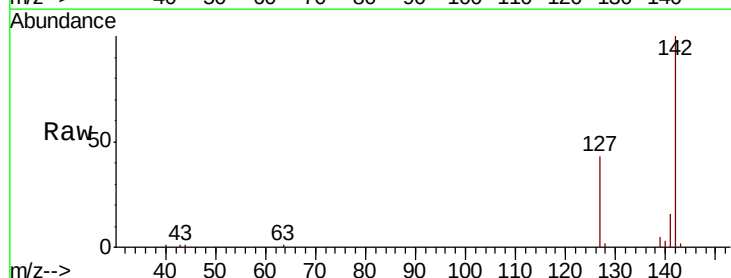
RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion:	142	Resp:	37614
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.7	49.1
141	14.3	11.0	16.6

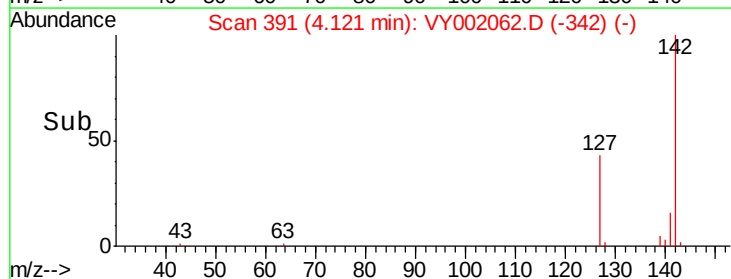
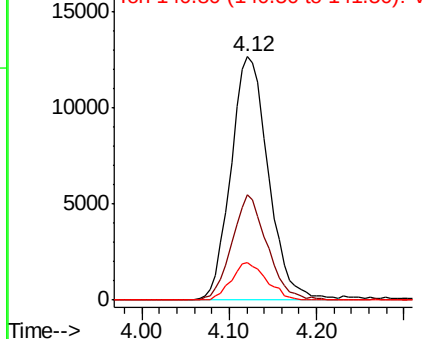


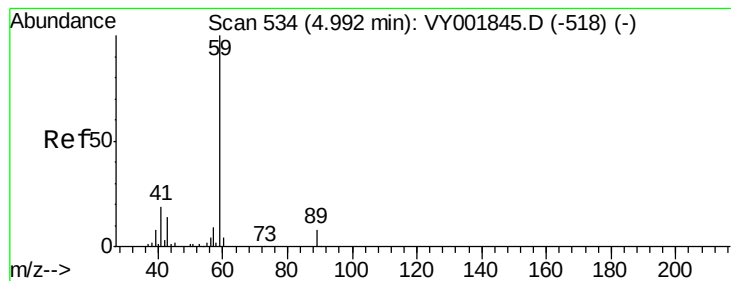
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

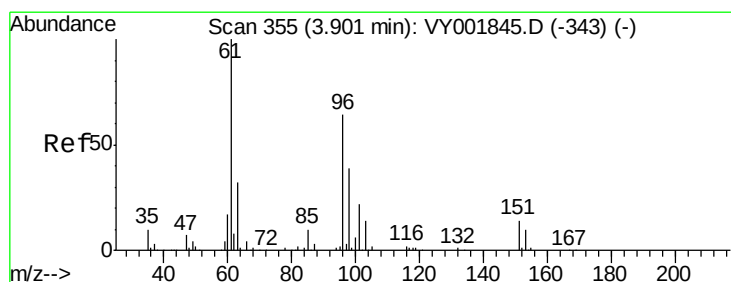
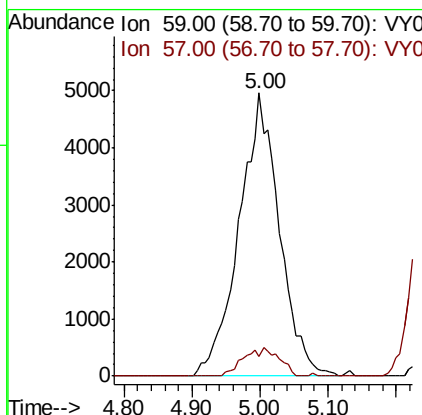
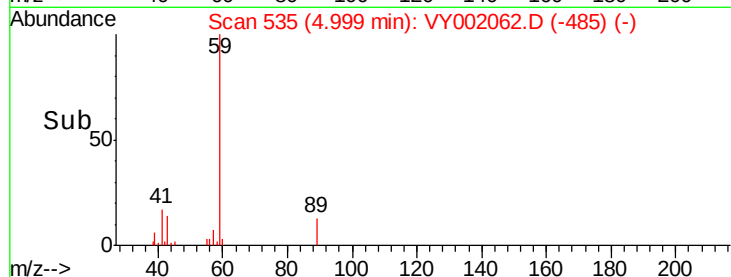
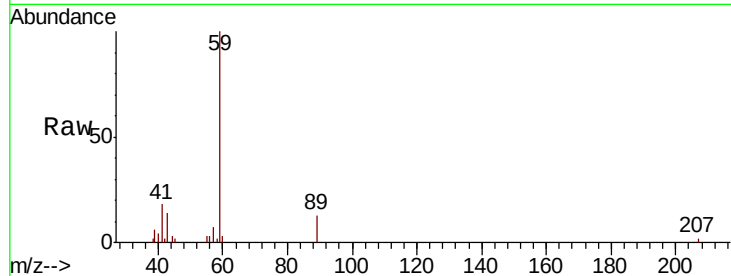
Tert butyl alcohol
 Concen: 103.726 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion: 59 Resp: 20436
 Ion Ratio Lower Upper
 59 100
 57 4.3 7.4 11.2#

Manual Integrations
 APPROVED

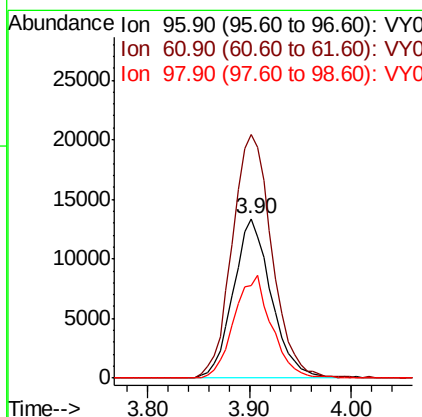
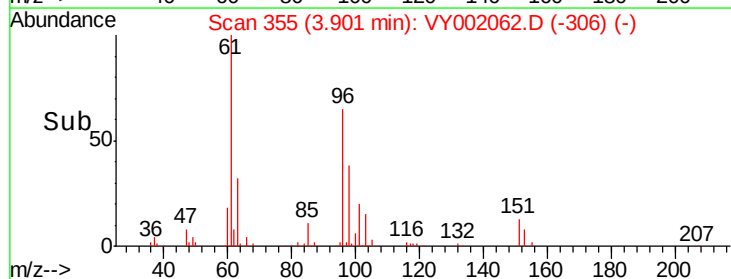
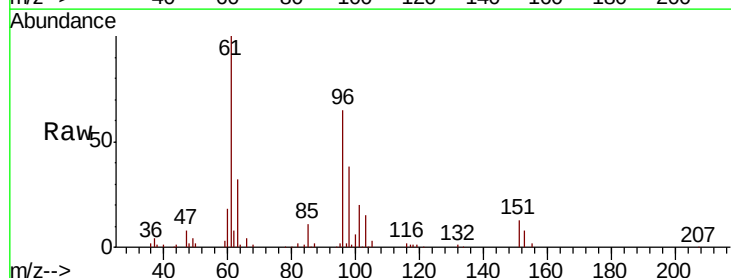
apatel
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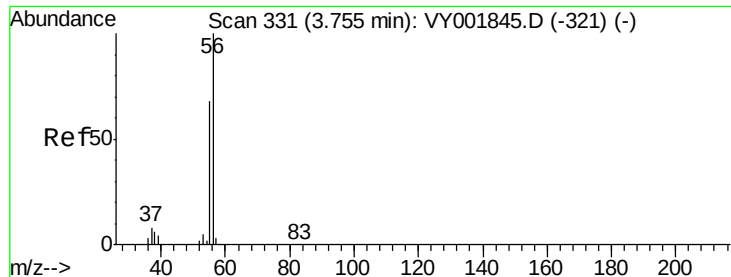


#12

1,1-Dichloroethene
 Concen: 19.742 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion: 96 Resp: 34527
 Ion Ratio Lower Upper
 96 100
 61 152.4 124.8 187.2
 98 58.2 49.2 73.8





#13

Acrolein

Concen: 66.228 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 56 Resp: 15629

Ion Ratio Lower Upper

56 100

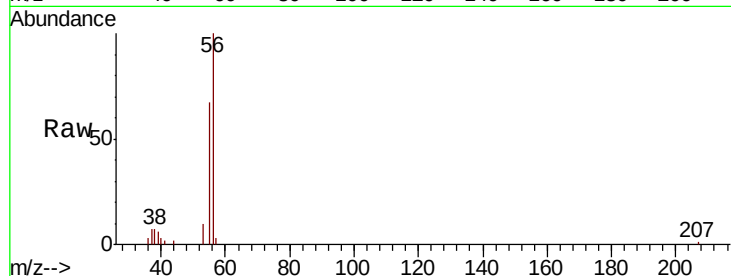
55 70.2 54.0 81.0

Manual Integrations

APPROVED

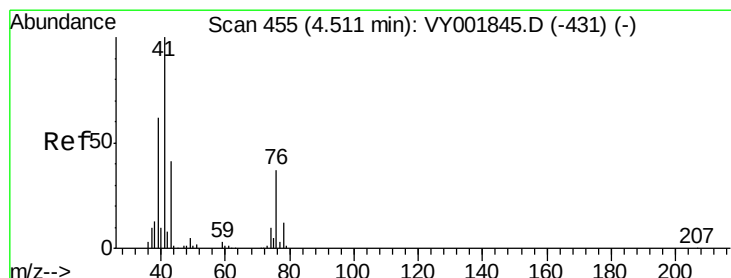
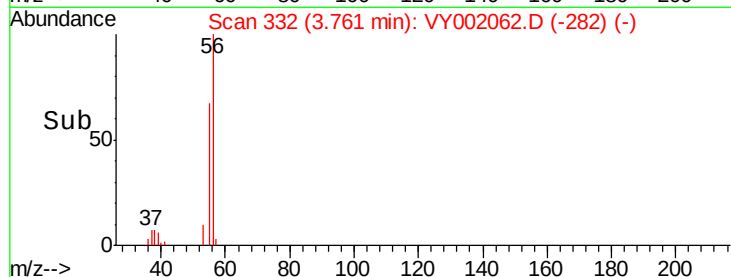
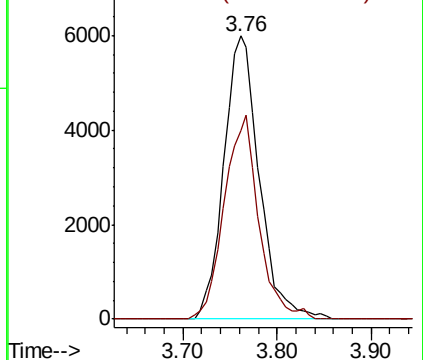
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.515 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

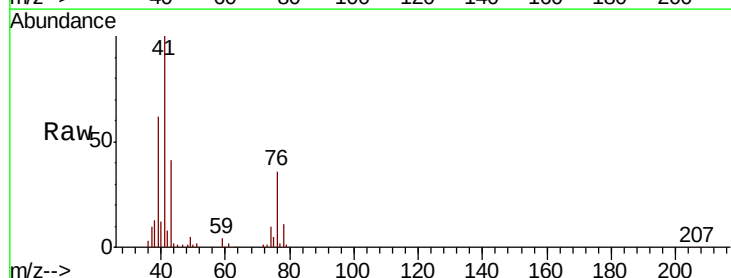
Tgt Ion: 41 Resp: 63607

Ion Ratio Lower Upper

41 100

39 61.7 49.0 73.6

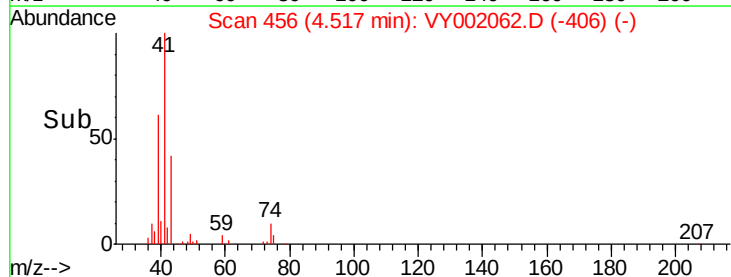
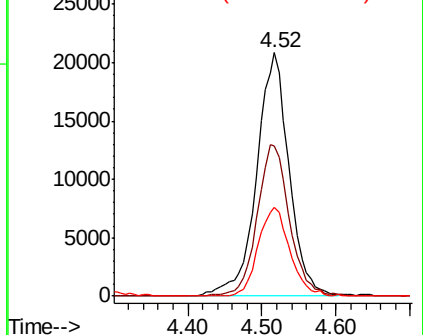
76 35.4 28.9 43.3

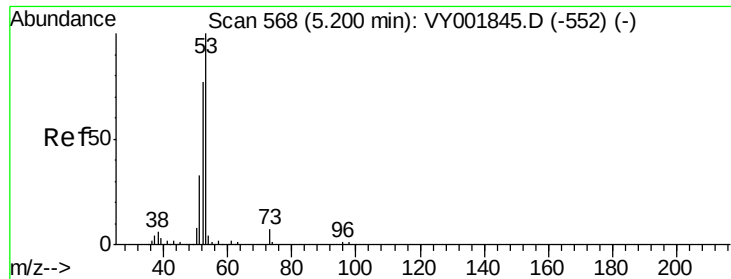


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





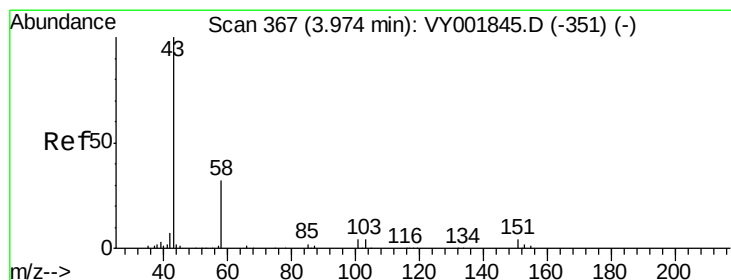
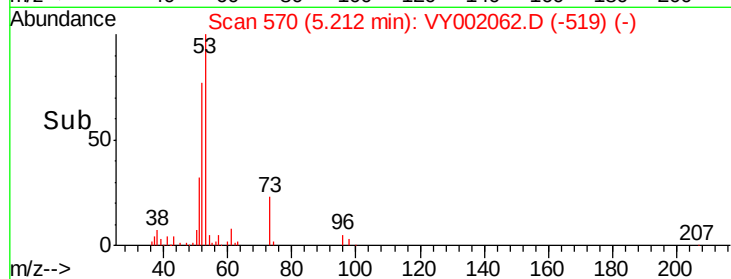
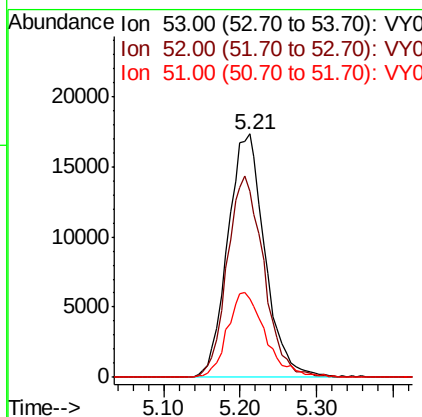
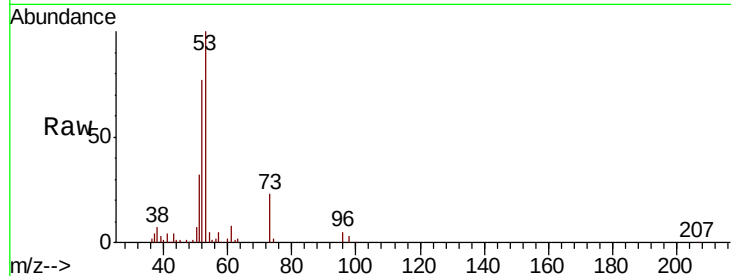
#15
 Acrylonitrile
 Concen: 102.487 ug/l
 RT: 5.21 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion:	53	Resp:	58291
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.1	97.7
51	35.7	27.5	41.3

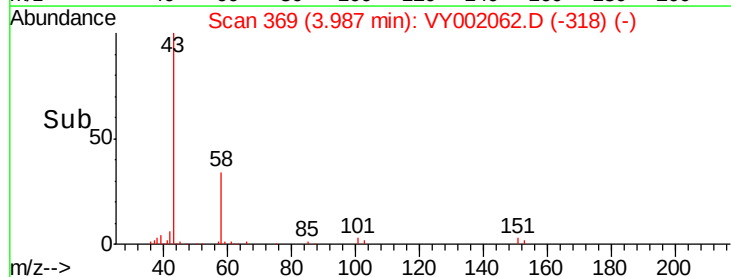
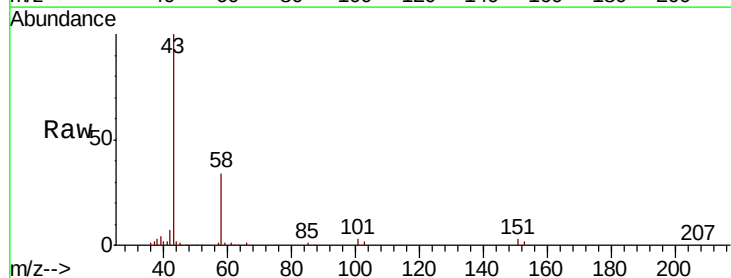
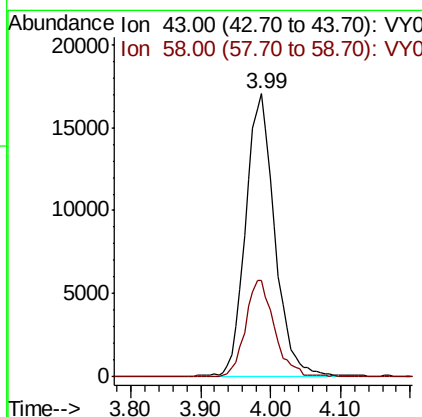
Manual Integrations
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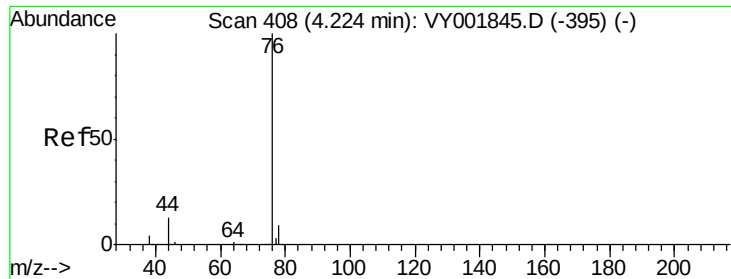
apatel
 3/26/2020 10:58:57 AM



#16
 Acetone
 Concen: 101.210 ug/l
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion:	43	Resp:	49504
Ion Ratio	Lower	Upper	
43	100		
58	34.1	25.9	38.9





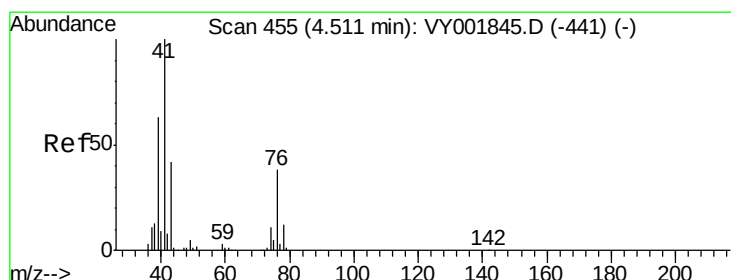
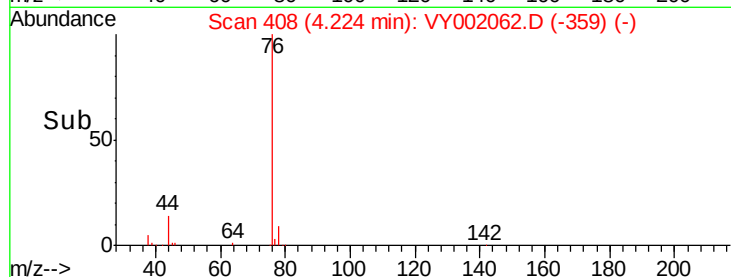
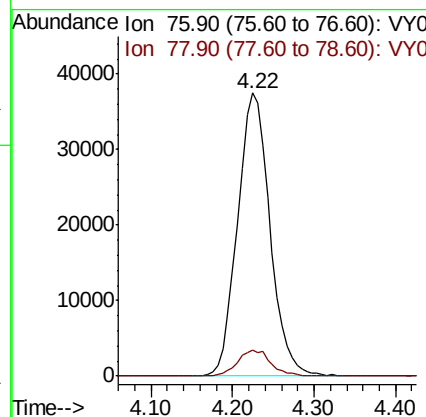
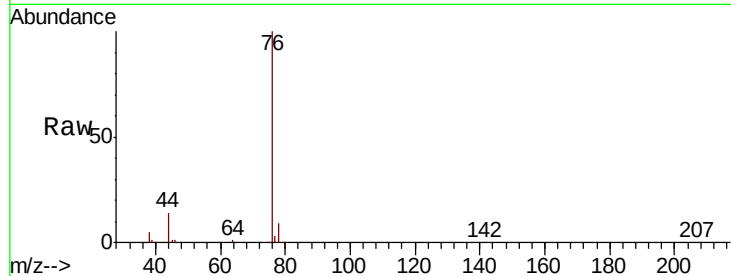
#17
Carbon Disulfide
Concen: 17.509 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

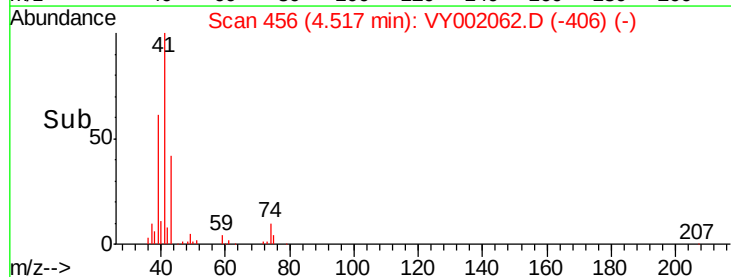
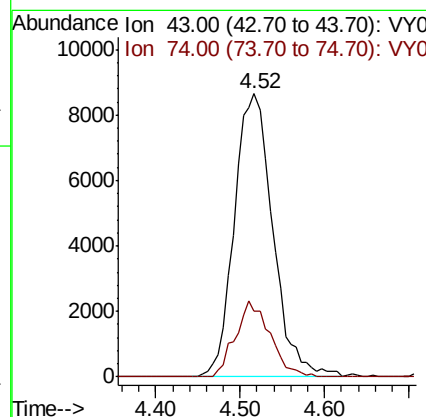
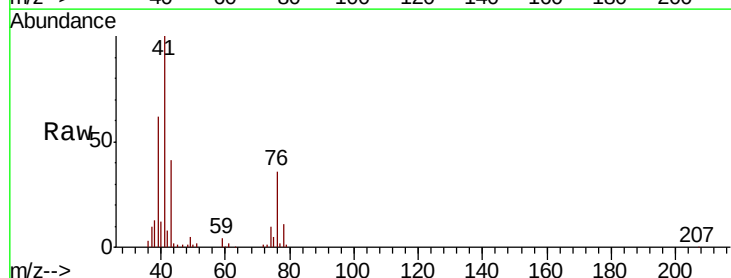
Manual Integrations
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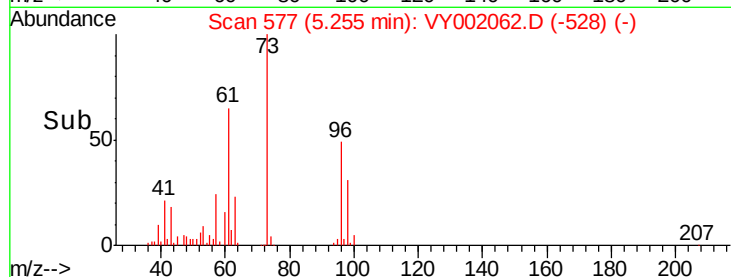
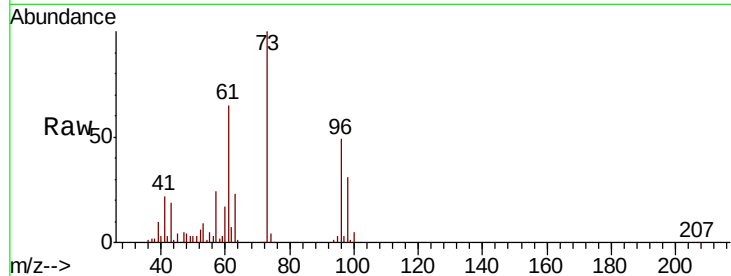
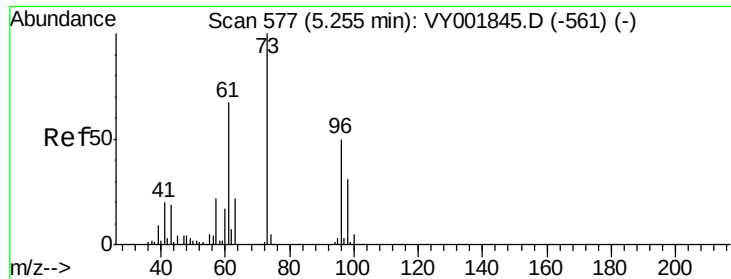
apatel
3/26/2020 10:58:57 AM



#18
Methyl Acetate
Concen: 21.325 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.0	28.6





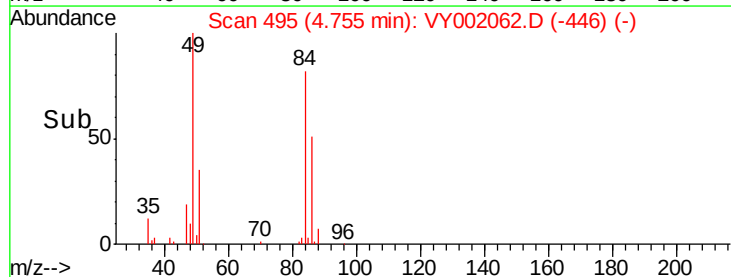
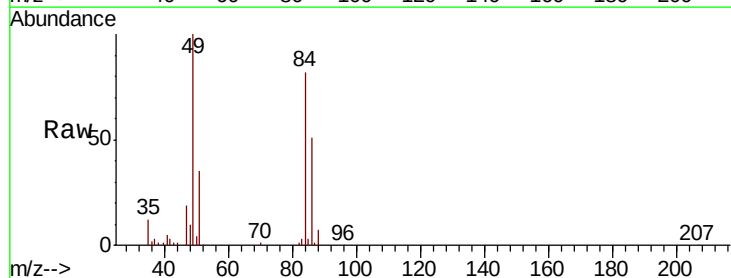
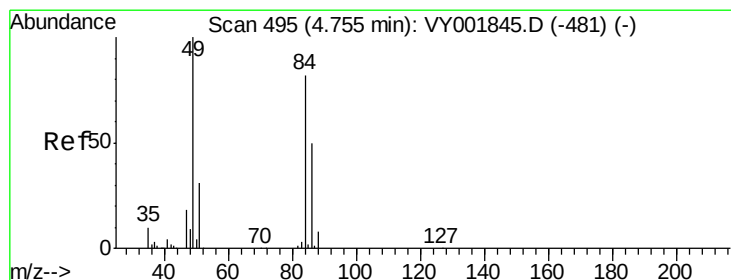
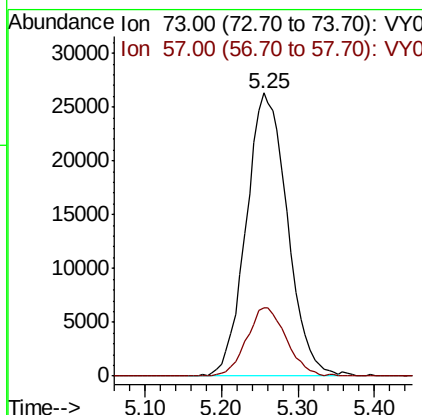
#19
Methyl tert-butyl Ether
Concen: 20.785 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tot Ion: 73 Resp: 98512
Ion Ratio Lower Upper
73 100
57 24.0 17.4 26.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

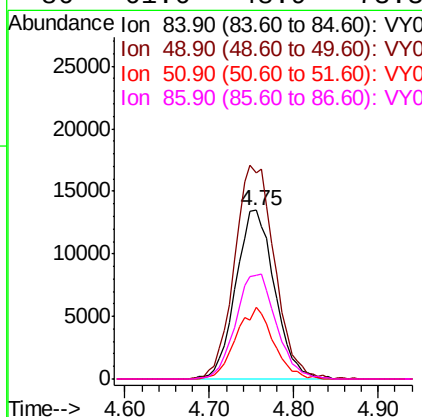
Manual Integrations
APPROVED

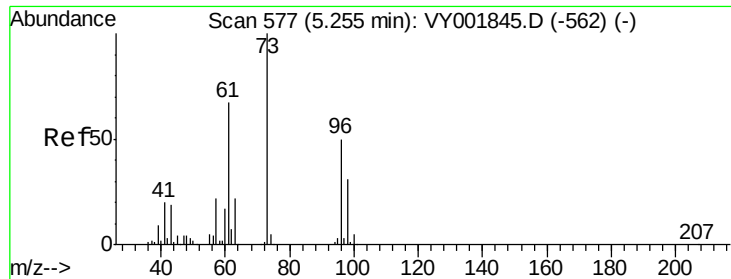
apatel
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#20
Methylene Chloride
Concen: 20.090 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 84 Resp: 42114
Ion Ratio Lower Upper
84 100
49 121.8 98.2 147.2
51 42.1 30.2 45.2
86 61.6 48.9 73.3





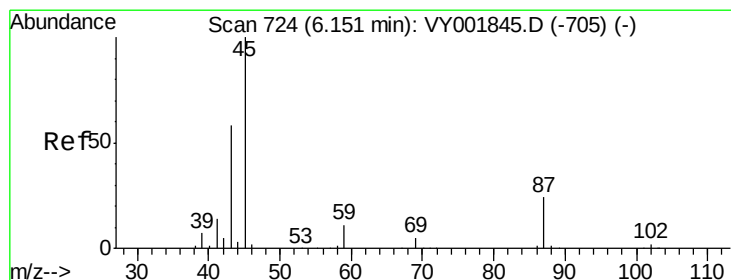
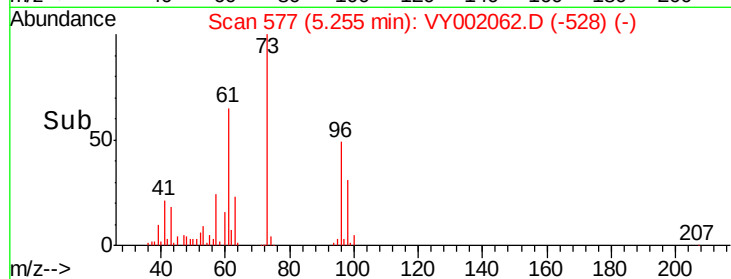
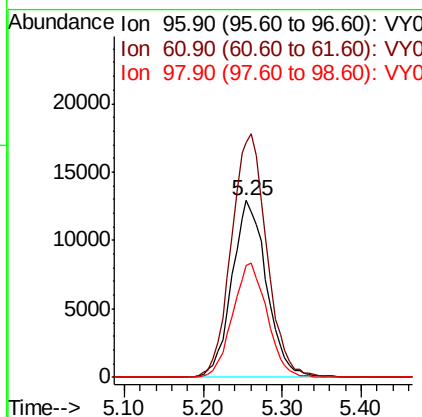
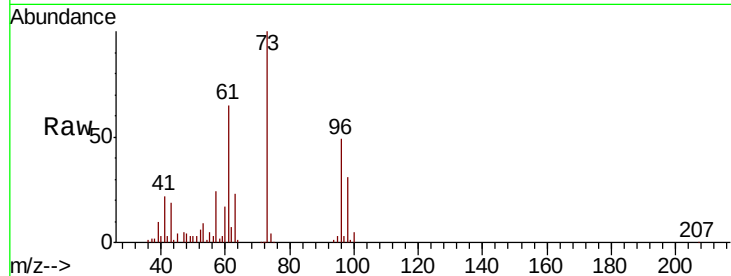
#21
trans-1,2-Dichloroethene
Concen: 19.928 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	107.7	161.5
98	63.2	49.3	73.9

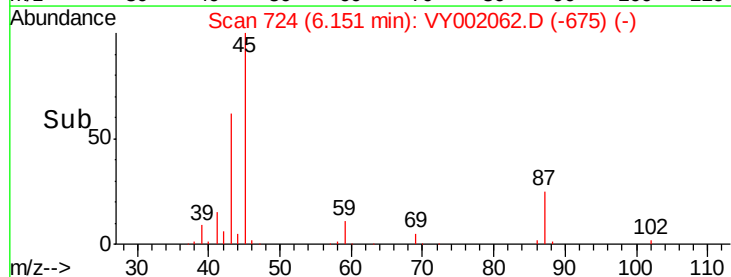
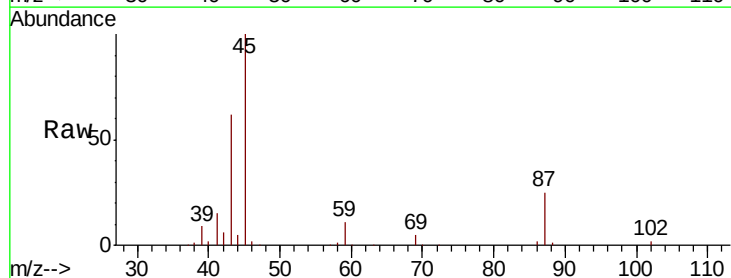
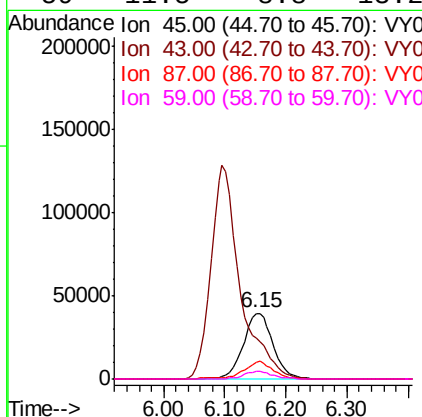
Manual Integrations
APPROVED

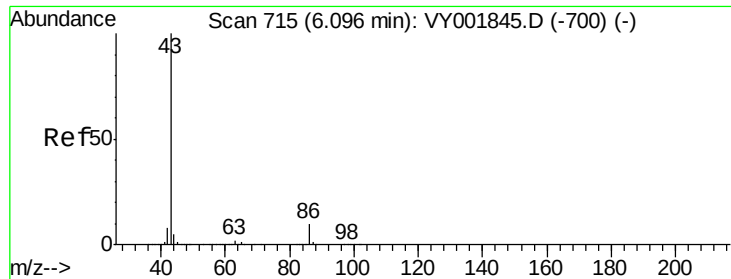
apatel
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#22
Diisopropyl ether
Concen: 21.121 ug/l
RT: 6.15 min Scan# 724
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.8	47.2	70.8
87	25.0	19.8	29.8
59	11.5	8.8	13.2





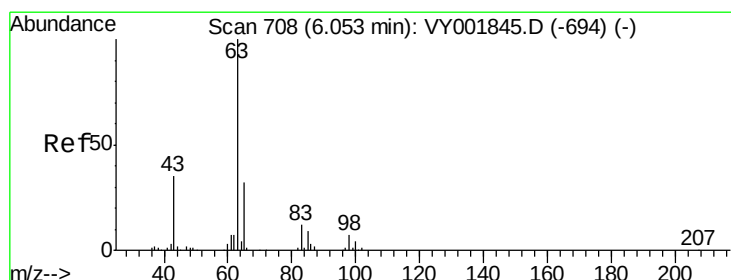
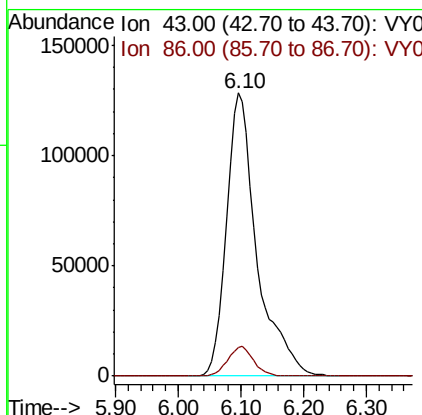
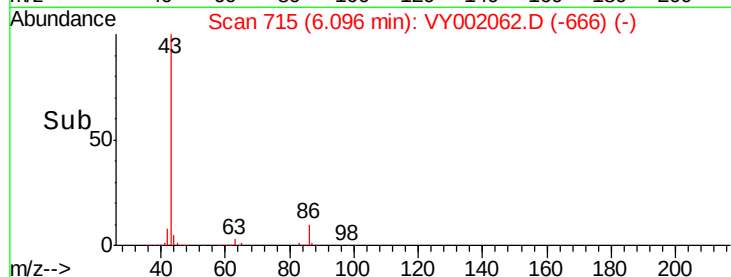
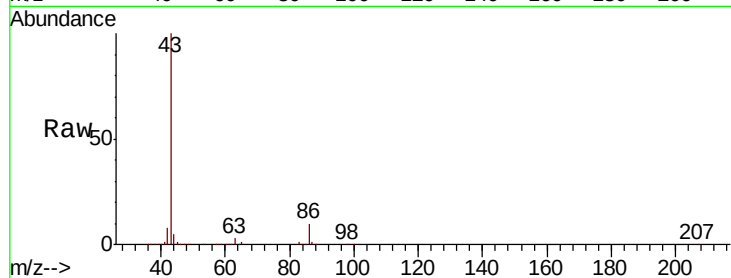
#23
 Vinyl Acetate
 Concen: 103.230 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion	43	Resp	430107
Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

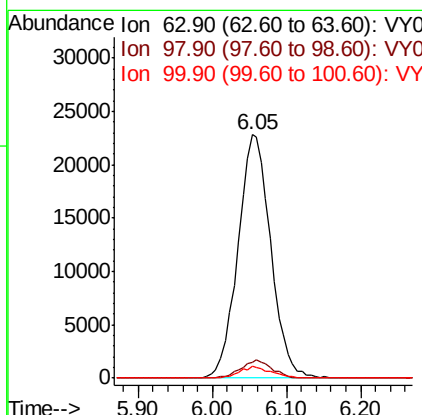
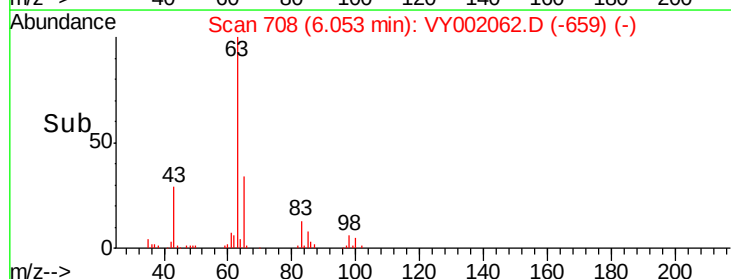
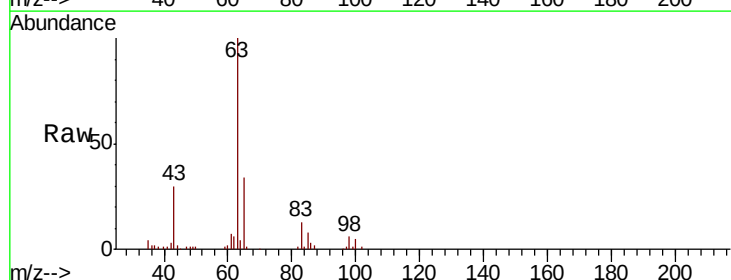
Manual Integrations
 APPROVED

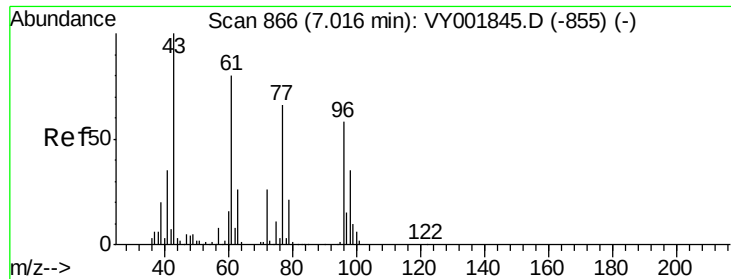
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#24
 1,1-Dichloroethane
 Concen: 20.438 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion	63	Resp	70343
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.4	10.2
100	4.9	2.0	6.0





#25

2-Butanone

Concen: 103.257 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 43 Resp: 76805

Ion Ratio Lower Upper

43 100

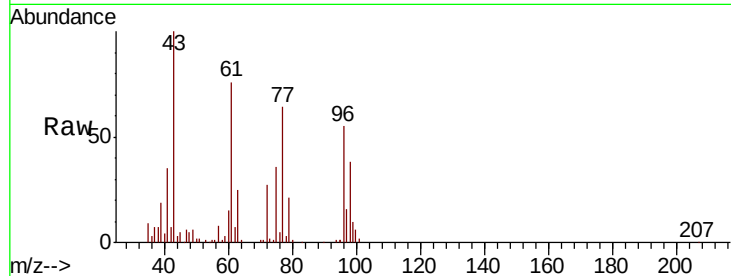
72 26.9 20.9 31.3

Manual Integrations

APPROVED

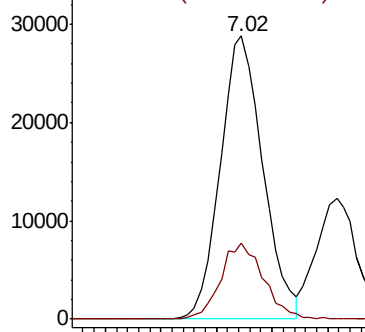
apatel

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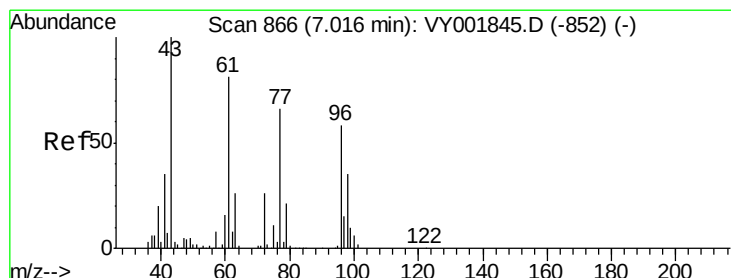
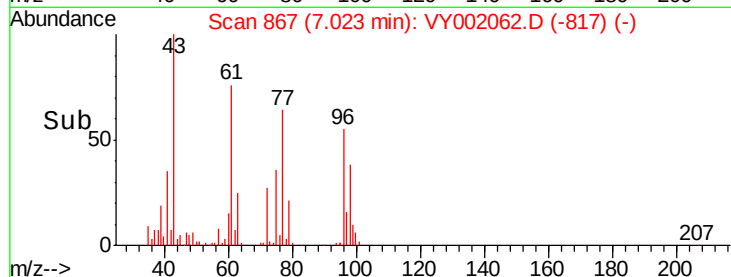


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 21.006 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002062.D

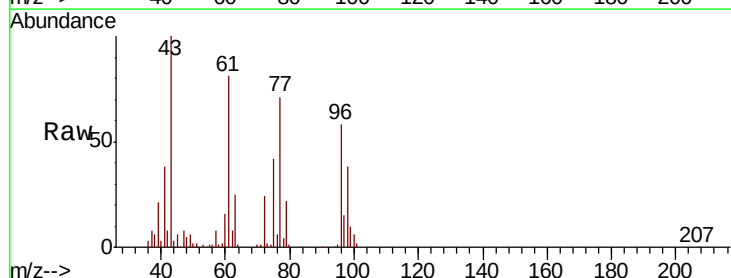
Acq: 25 Mar 2020 13:32

Tgt Ion: 77 Resp: 59338

Ion Ratio Lower Upper

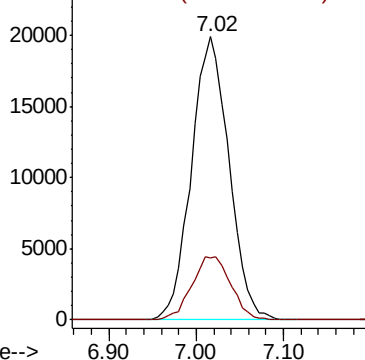
77 100

97 23.2 11.9 35.7

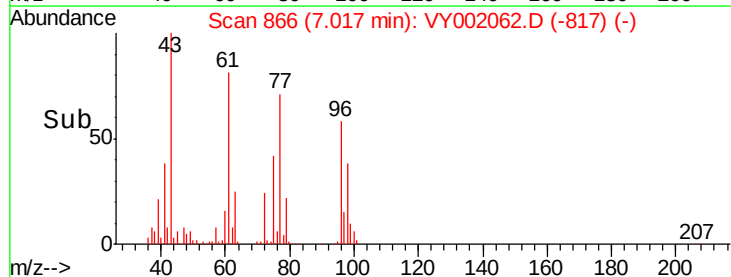


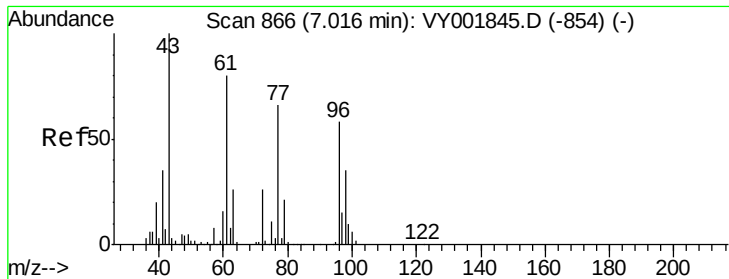
Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.691 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

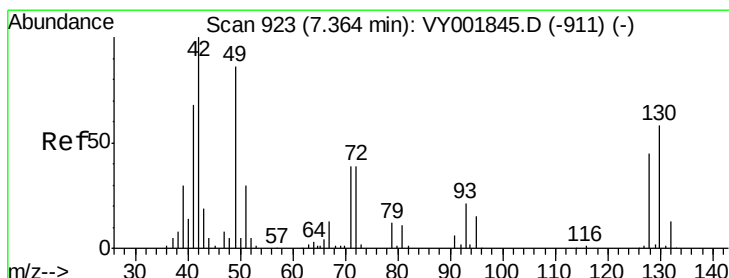
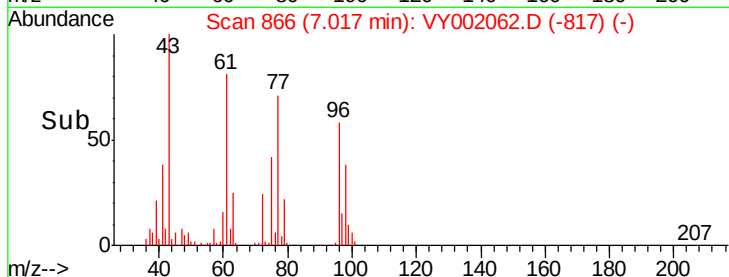
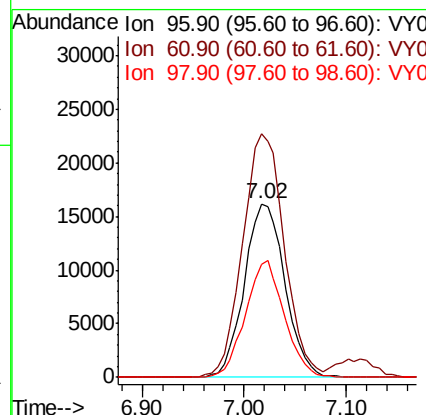
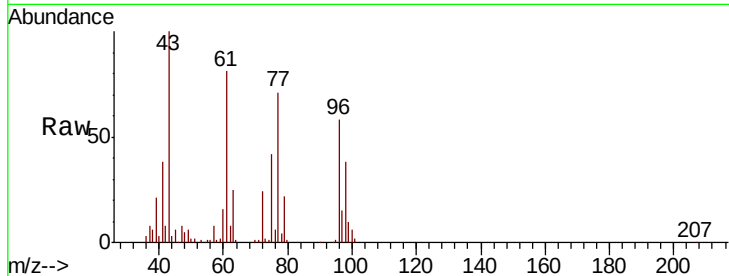
Instrument :
MSVOA_Y

ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	288.2
98	64.5	0.0	129.0

Manual Integrations
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#28

Bromochloromethane

Concen: 20.774 ug/l

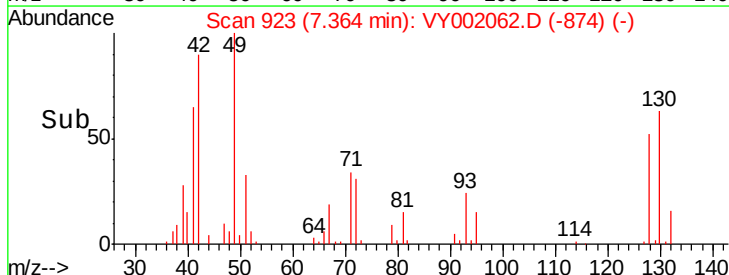
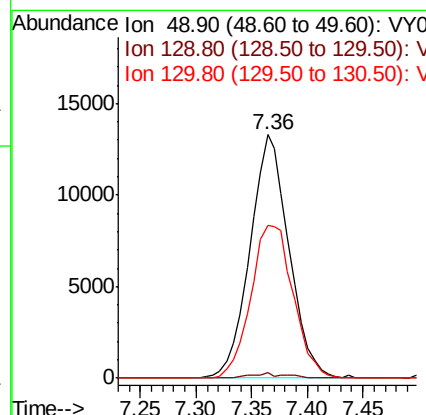
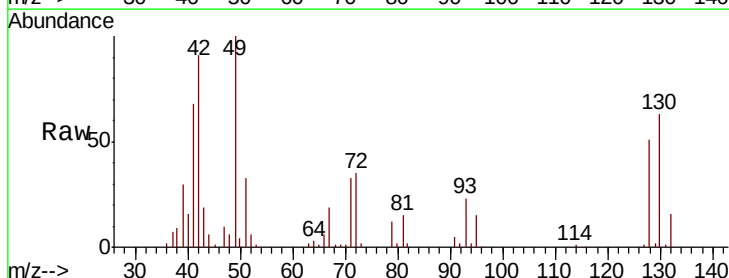
RT: 7.36 min Scan# 923

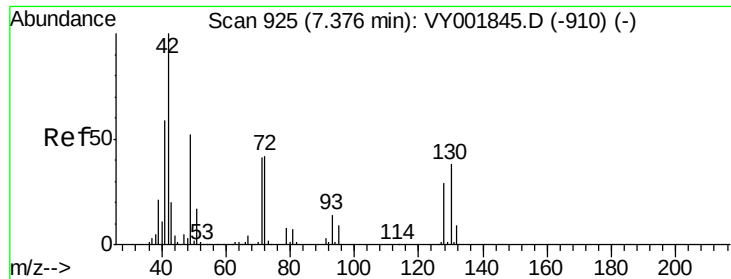
Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.5	54.4	81.6





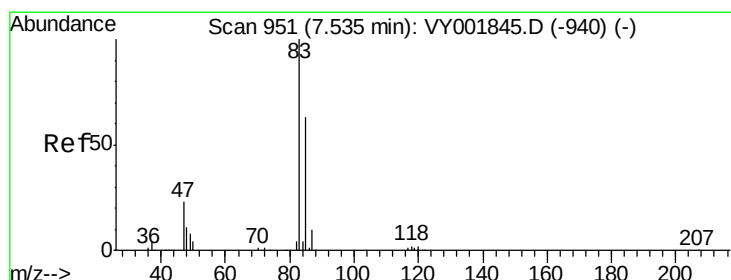
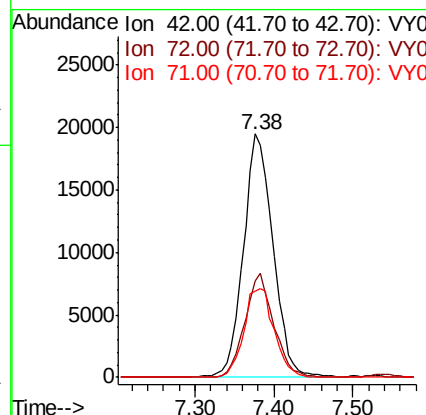
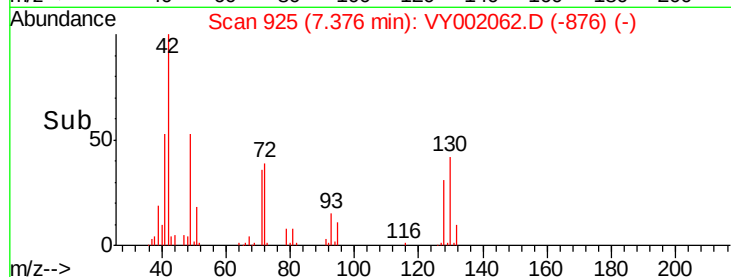
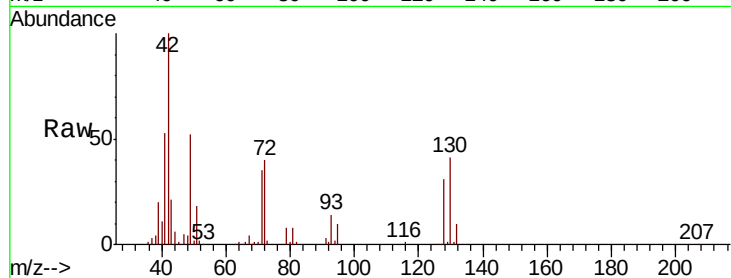
#29
Tetrahydrofuran
Concen: 102.819 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.5	50.3
71	37.3	31.3	46.9

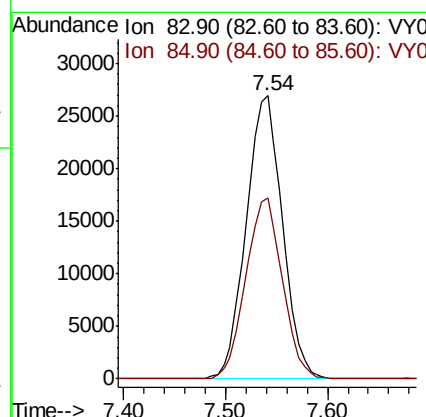
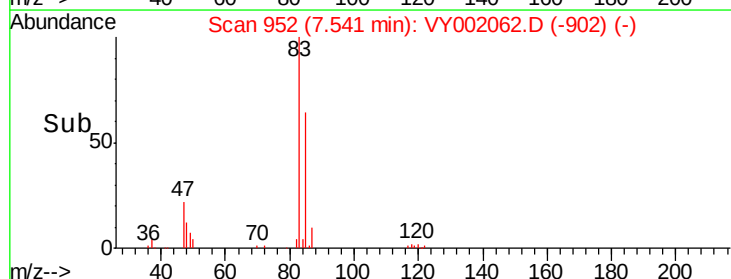
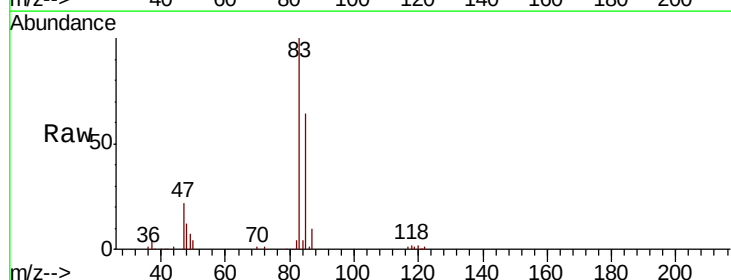
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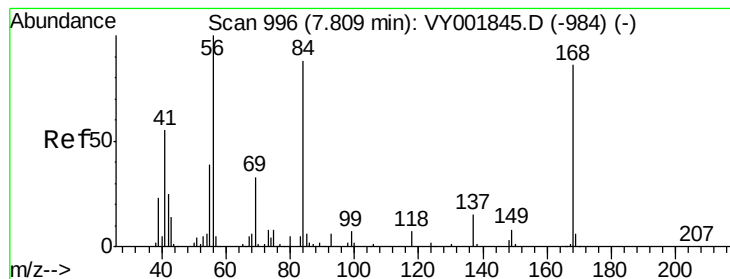
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#30
Chloroform
Concen: 20.636 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.7	76.1





#31

Cyclohexane

Concen: 19.561 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 56 Resp: 72187

Ion Ratio Lower Upper

56 100

69 34.4 26.7 40.1

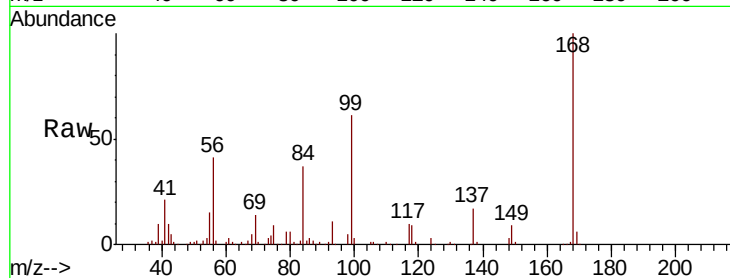
84 88.3 70.4 105.6

Manual Integrations

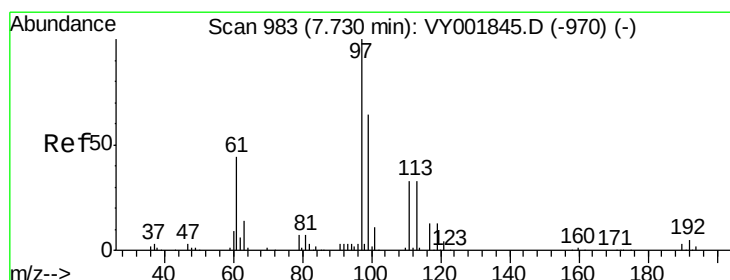
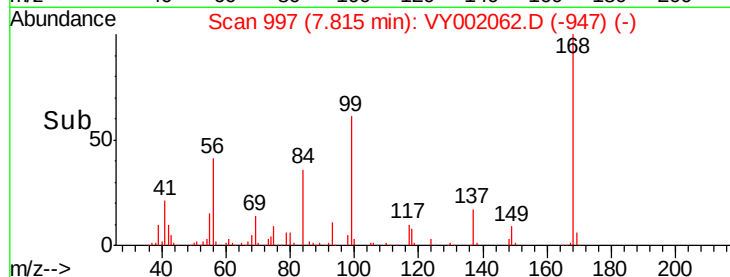
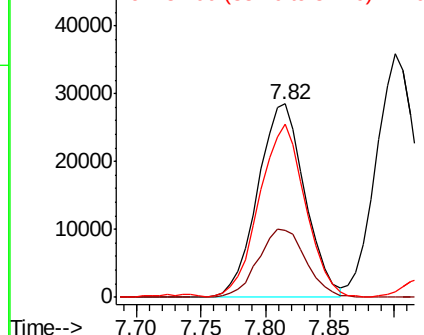
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.653 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

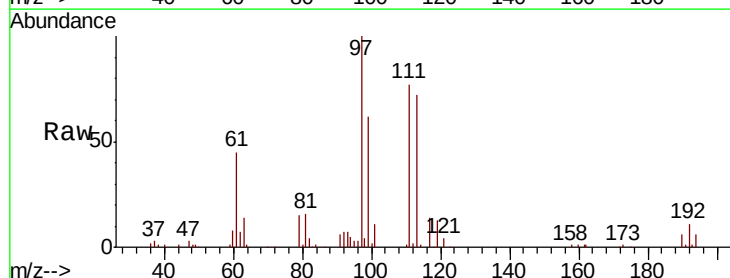
Tgt Ion: 97 Resp: 56287

Ion Ratio Lower Upper

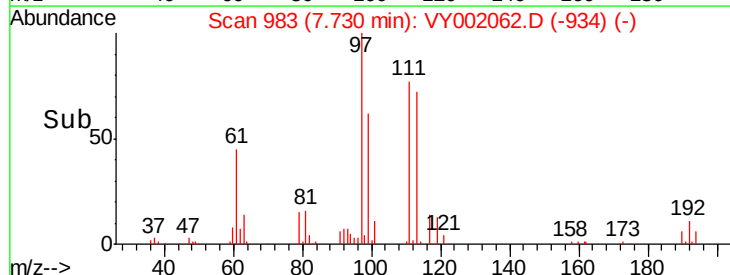
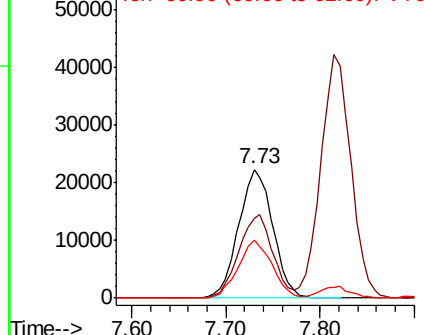
97 100

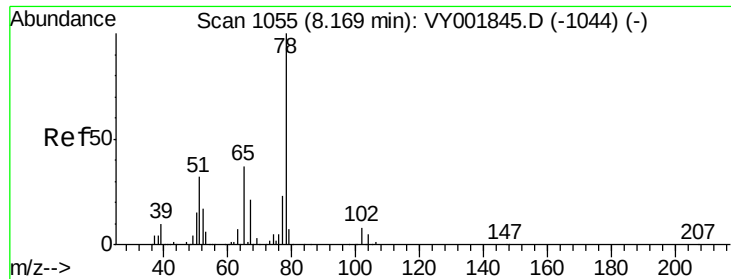
99 64.2 52.0 78.0

61 44.7 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





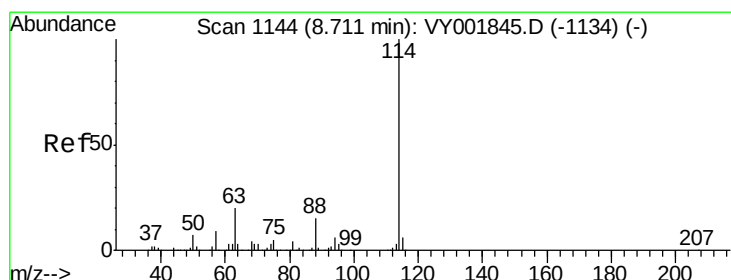
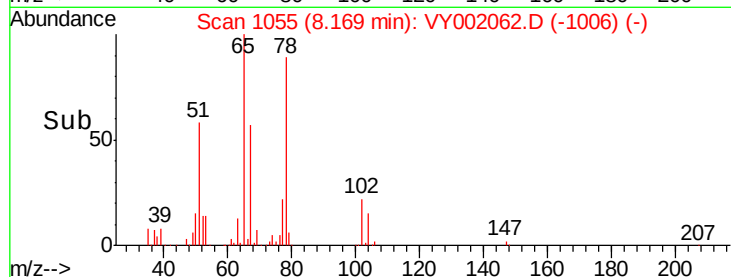
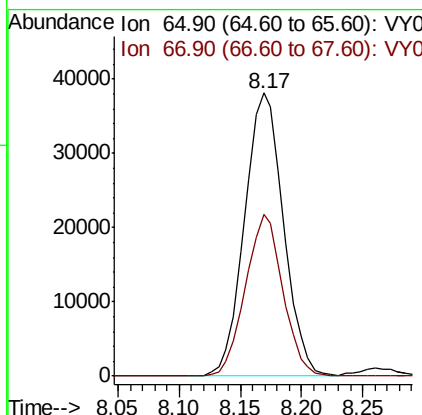
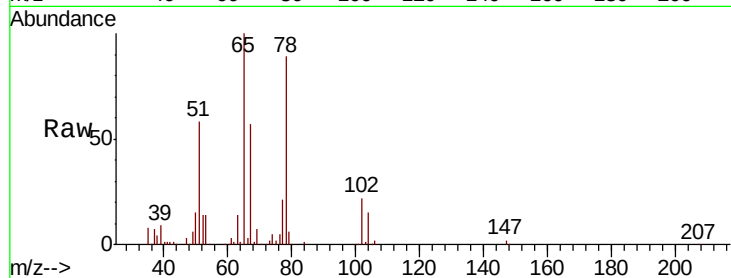
#33
 1,2-Dichloroethane-d4
 Concen: 50.346 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.8	0.0	110.8	

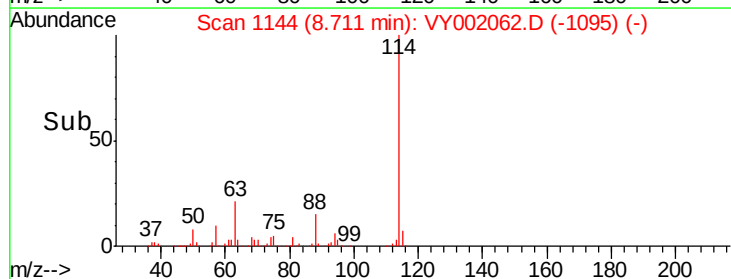
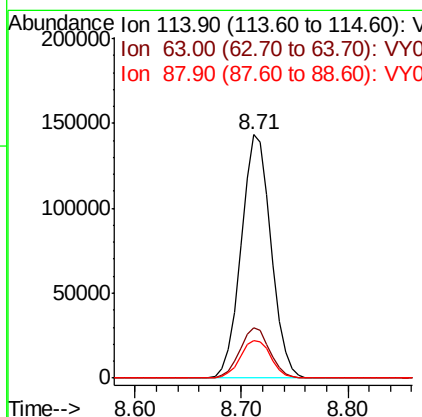
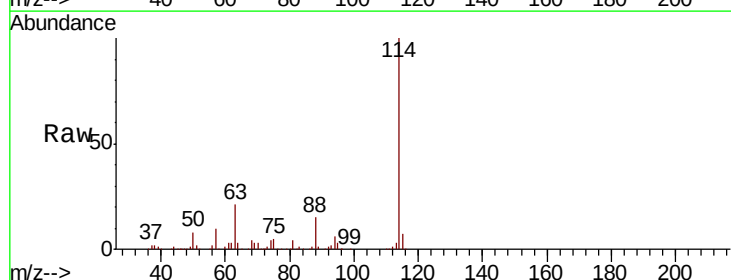
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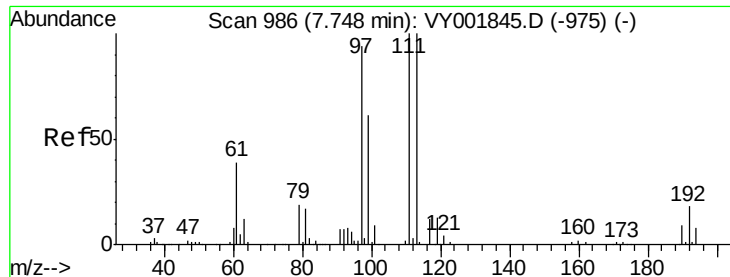
apatel
 3/26/2020 10:58:57 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	39.4	
88	15.4	0.0	30.4	





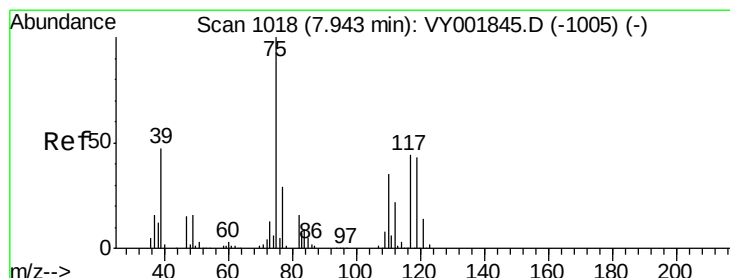
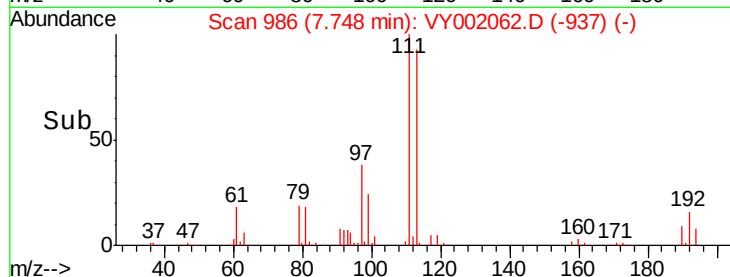
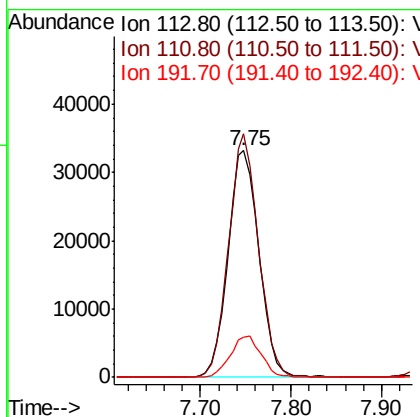
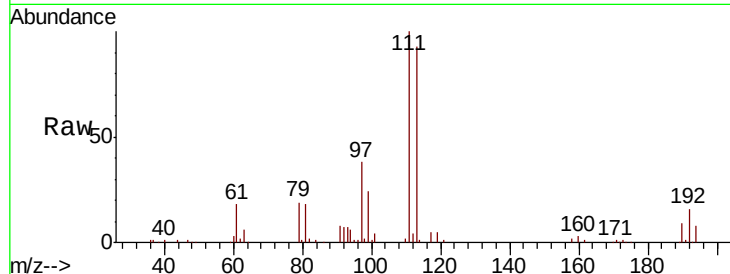
#35
 Dibromofluoromethane
 Concen: 50.937 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	18.0	14.2	21.2

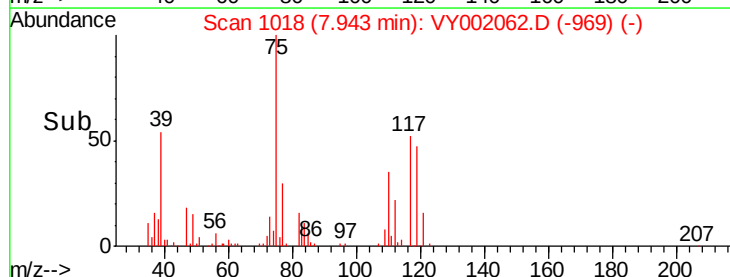
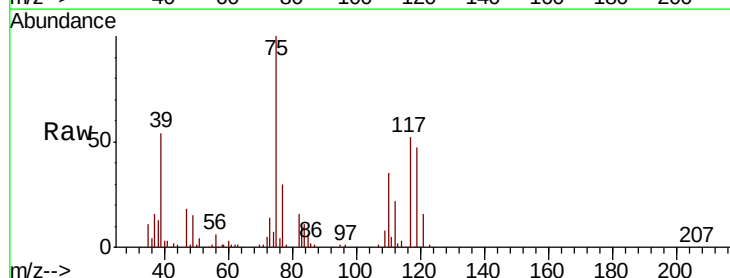
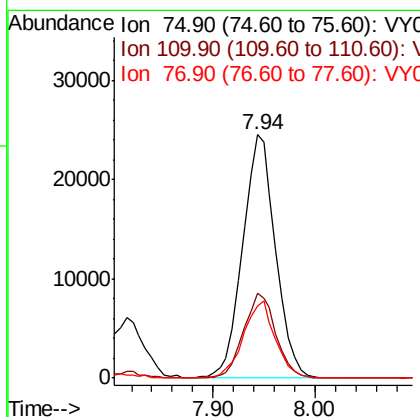
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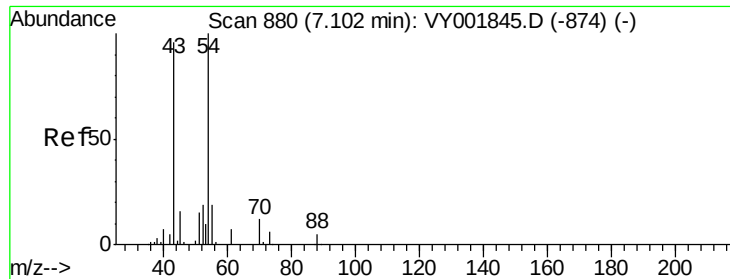
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.224 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.4	52.2
77	30.8	24.2	36.2





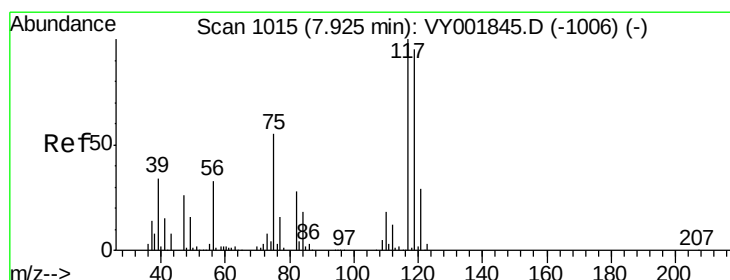
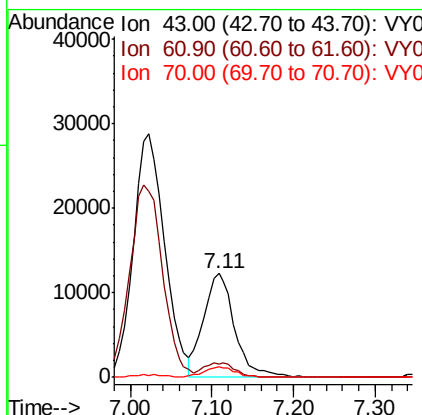
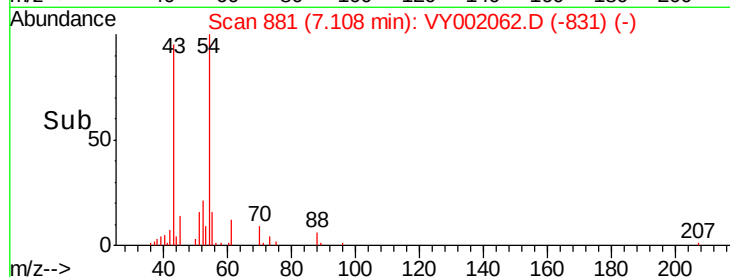
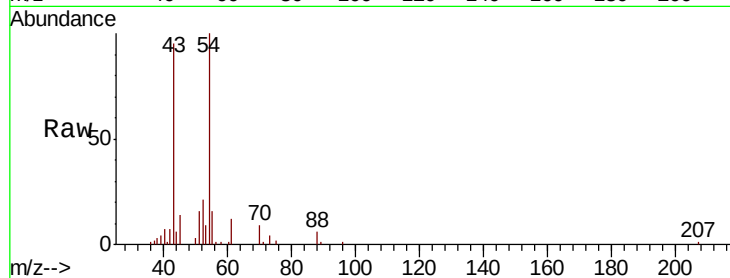
#37
Ethyl Acetate
Concen: 20.758 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	10.3	8.2	12.4

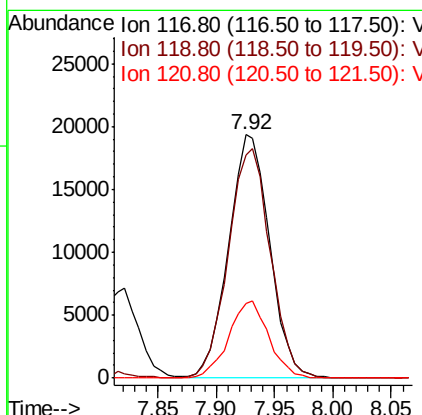
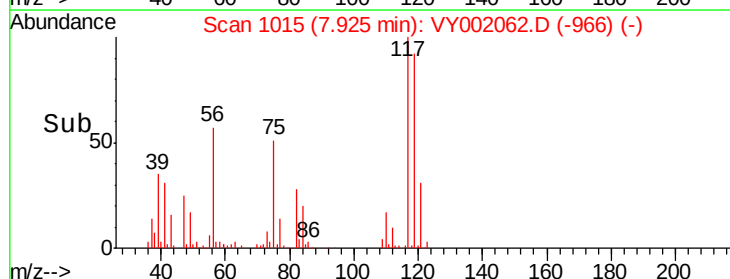
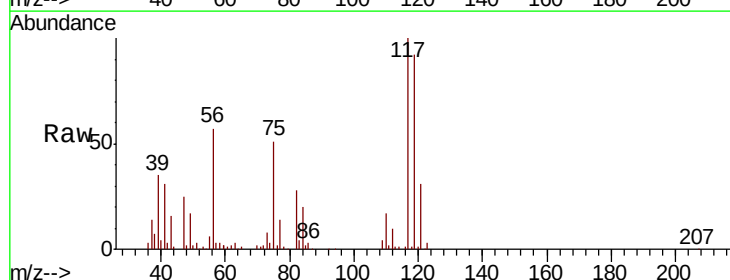
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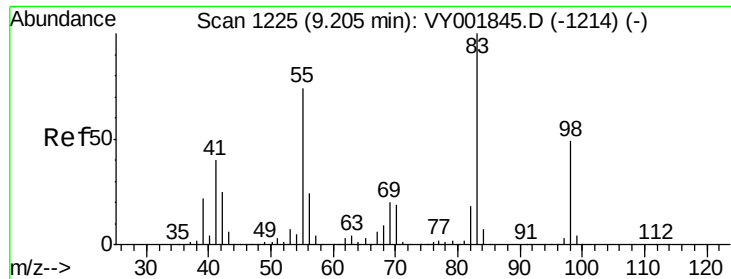
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#38
Carbon Tetrachloride
Concen: 20.407 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.3	114.5
121	30.8	23.5	35.3





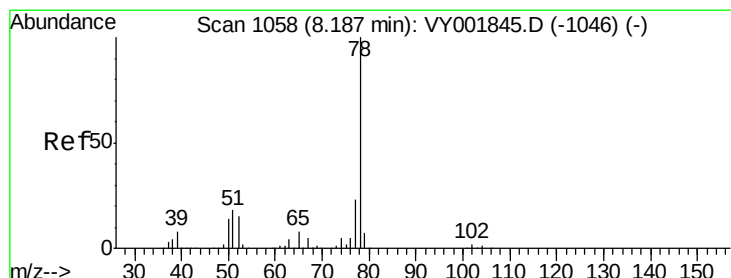
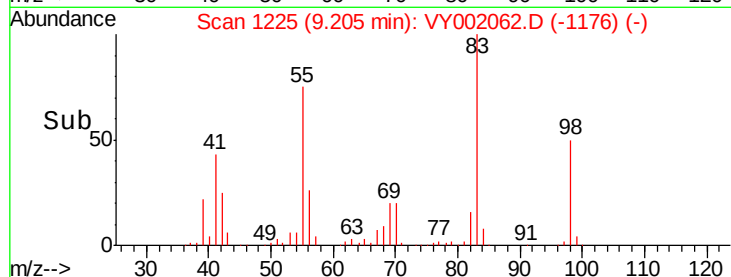
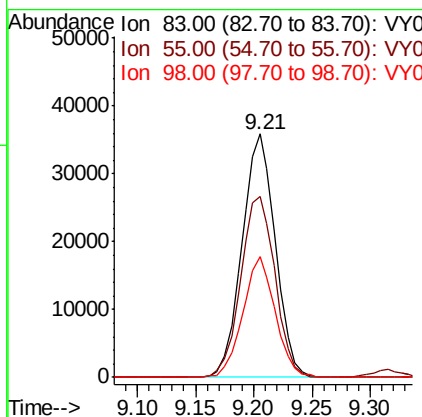
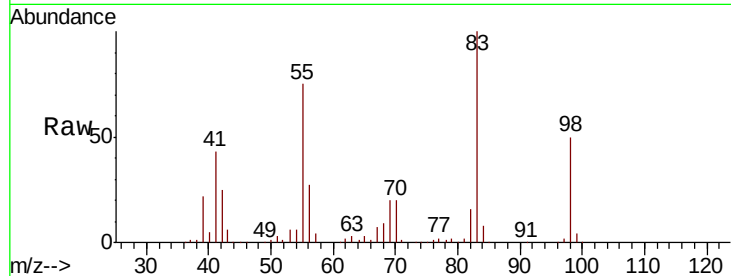
#39
Methylvlcyclohexane
Concen: 19.772 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	83	Resp	71426
Ion Ratio	100	Lower	Upper
83	100		
55	74.5	59.4	89.0
98	49.8	38.9	58.3

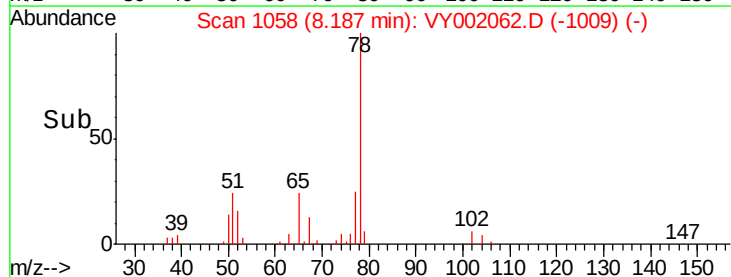
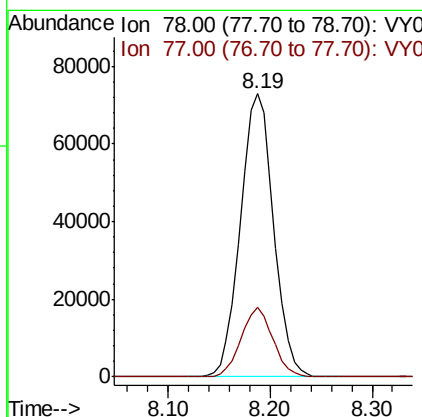
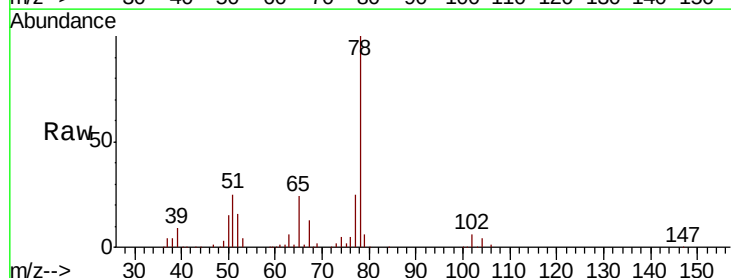
Manual Integrations
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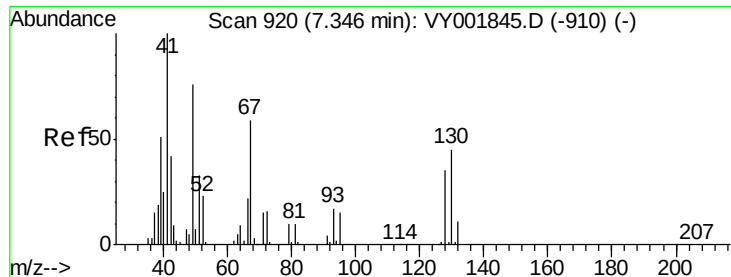
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#40
Benzene
Concen: 20.351 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	78	Resp	164295
Ion Ratio	100	Lower	Upper
78	100		
77	24.7	18.7	28.1





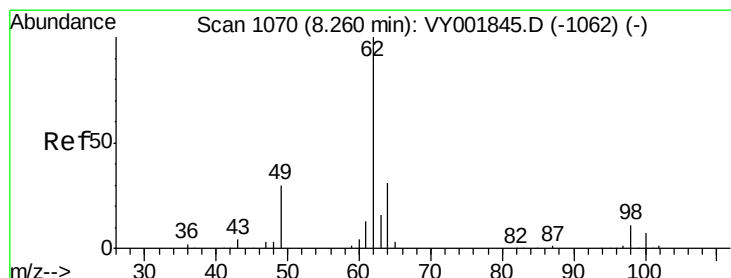
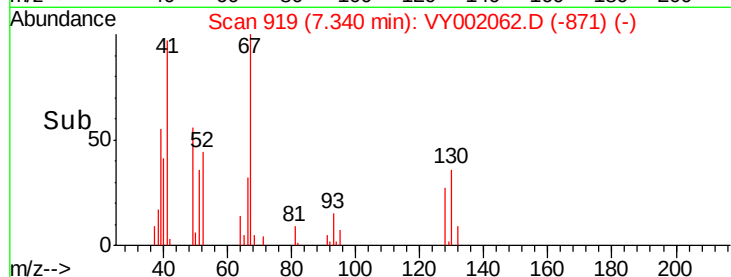
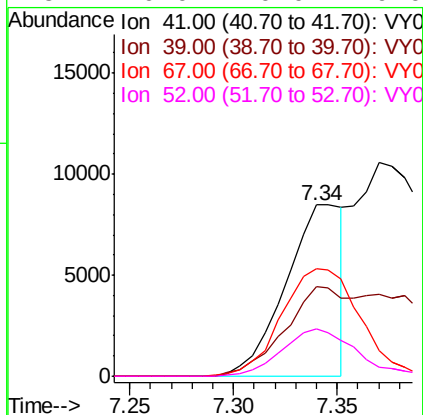
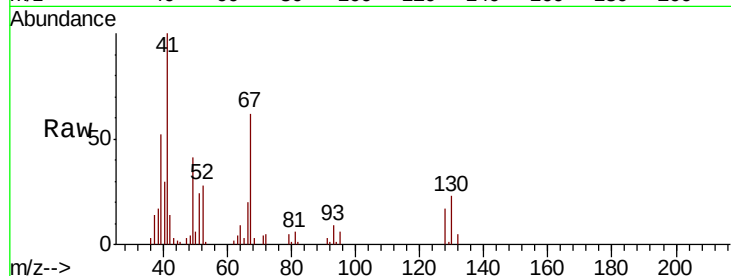
#41
Methacrylonitrile
Concen: 23.112 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	41	Resp	16465
Ion Ratio	Lower	Upper	
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

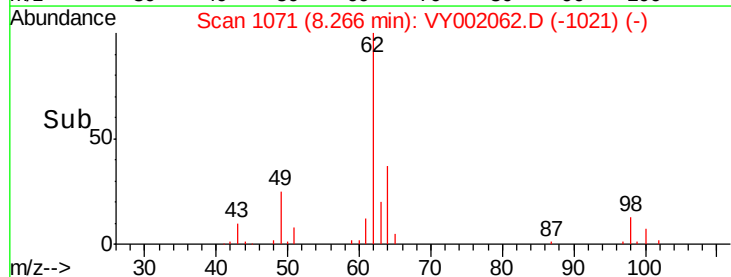
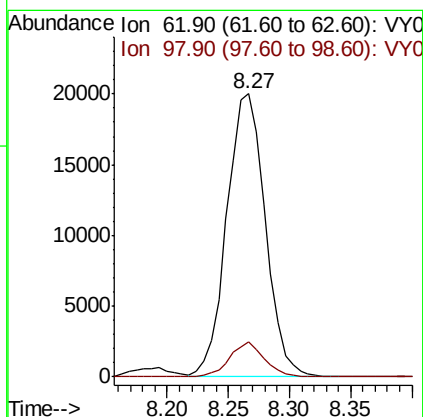
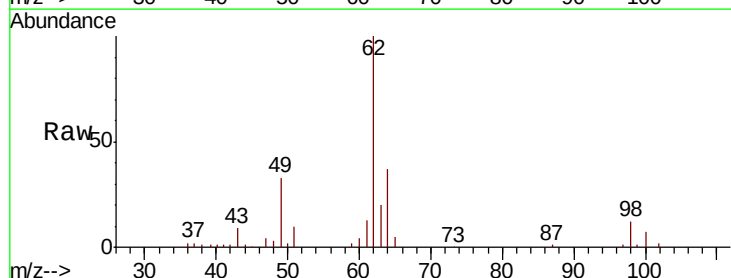
Manual Integrations
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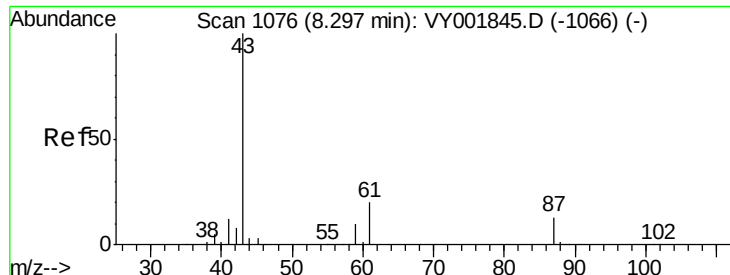
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#42
1,2-Dichloroethane
Concen: 21.009 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	62	Resp	43705
Ion Ratio	Lower	Upper	
62	100		
98	11.0	0.0	21.4





#43

Isopropyl Acetate

Concen: 20.879 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

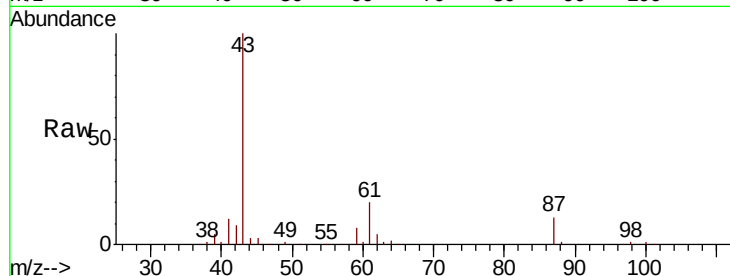
ClientSampleId :

VY0325SBS01

Tot Ion:	43	Resp:	62574
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.8	35.6
87	12.7	10.9	16.3

Manual Integrations
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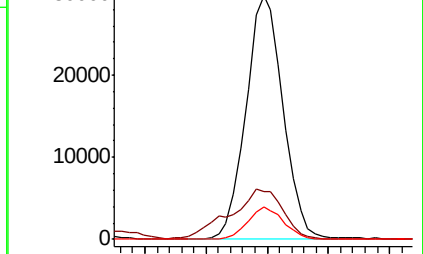
apatel
3/26/2020 10:58:57 AM



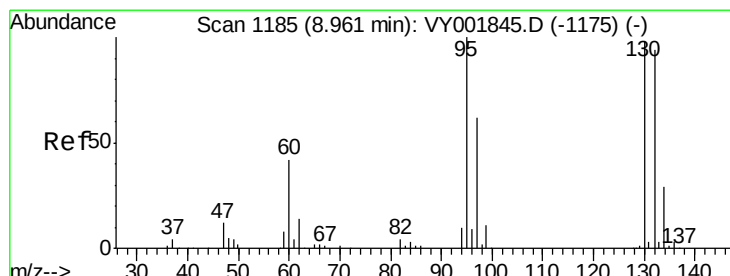
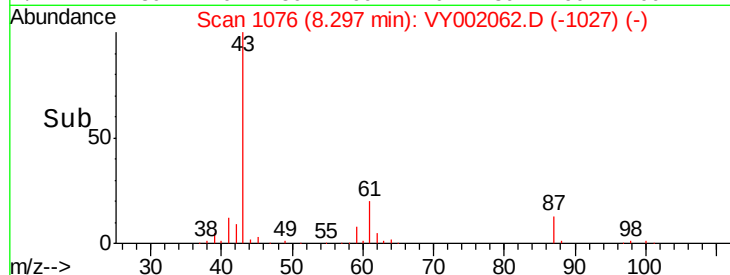
Abundance Ion 43.00 (42.70 to 43.70): VY002062.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY002062.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY002062.D (-1076) (-)



Time-->



#44

Trichloroethene

Concen: 20.051 ug/l

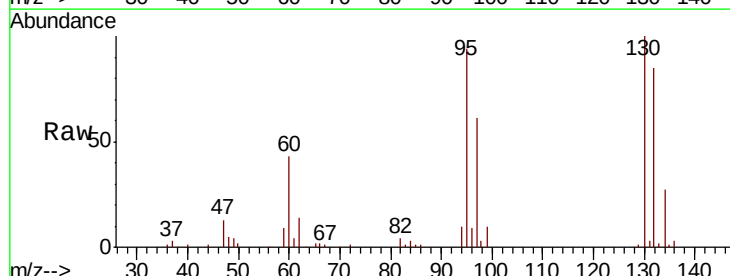
RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002062.D

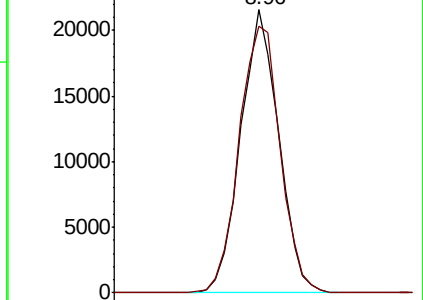
Acq: 25 Mar 2020 13:32

Tgt Ion:	130	Resp:	39422
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	204.6

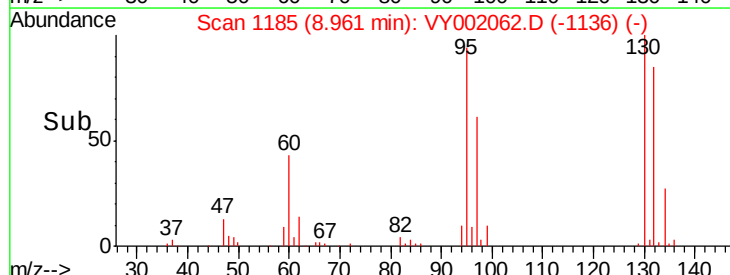


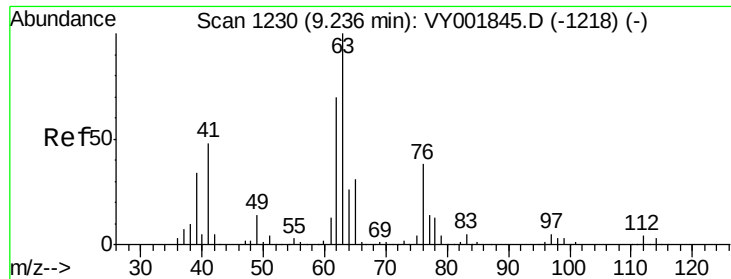
Abundance Ion 129.80 (129.50 to 130.50): VY002062.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY002062.D (-1185) (-)



Time-->





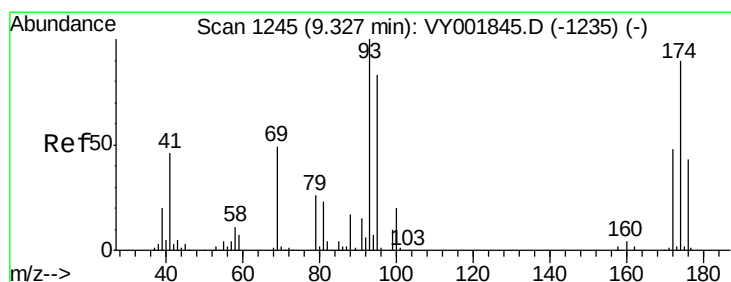
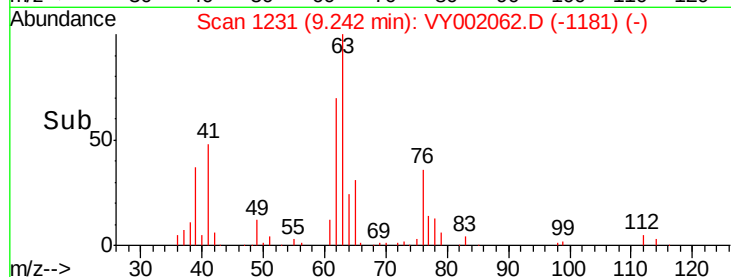
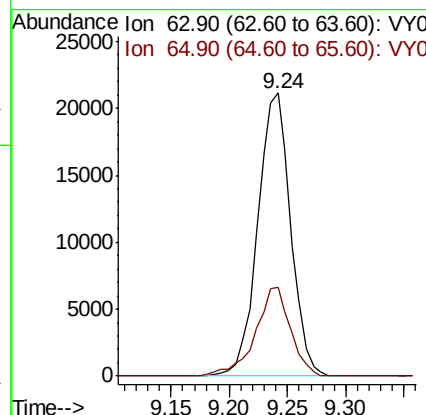
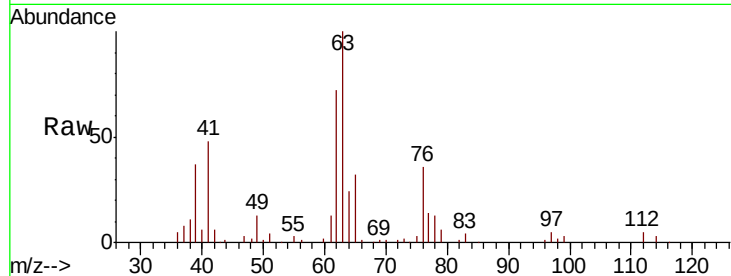
#45
 1,2-Dichloropropane
 Concen: 20.528 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion: 63 Resp: 41659
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3

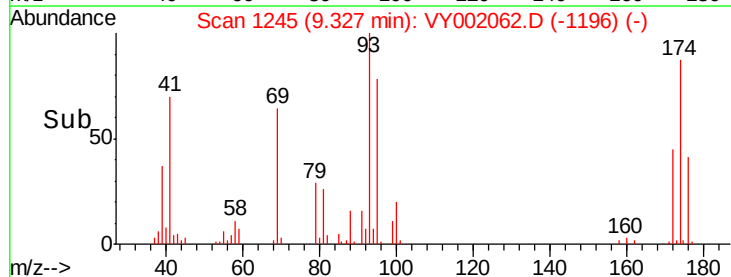
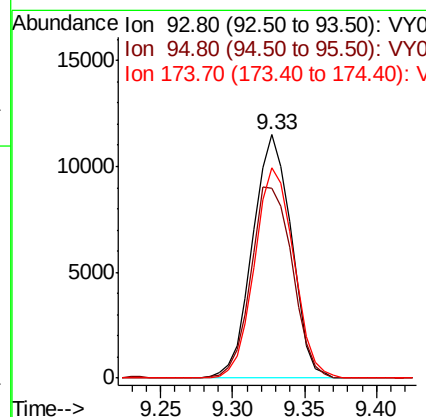
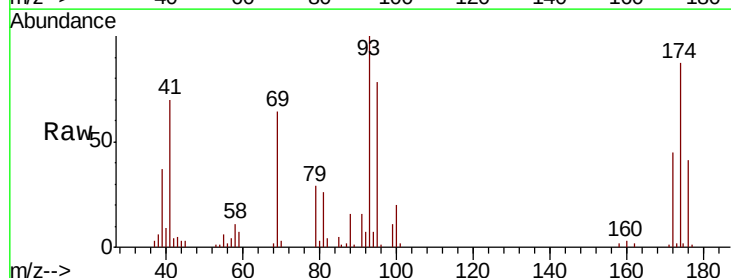
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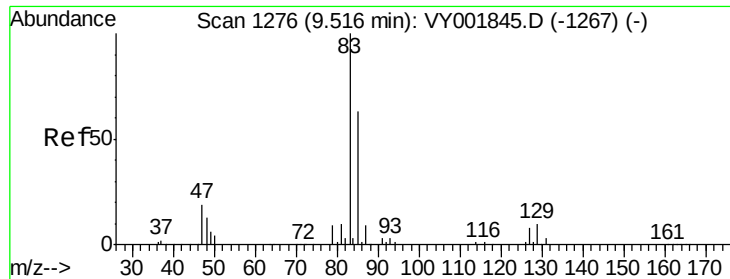
apatel
 3/26/2020 10:58:57 AM



#46
 Dibromomethane
 Concen: 20.466 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion: 93 Resp: 21403
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.4
 174 87.6 71.8 107.8





#47

Bromodichloromethane

Concen: 21.038 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

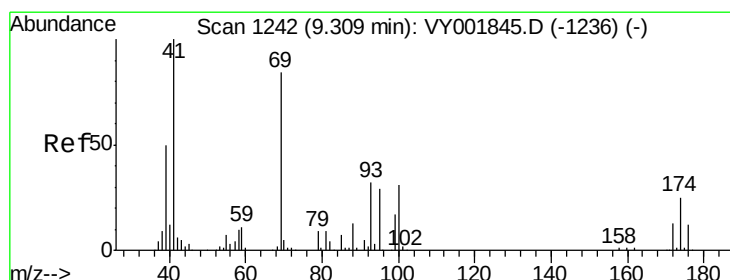
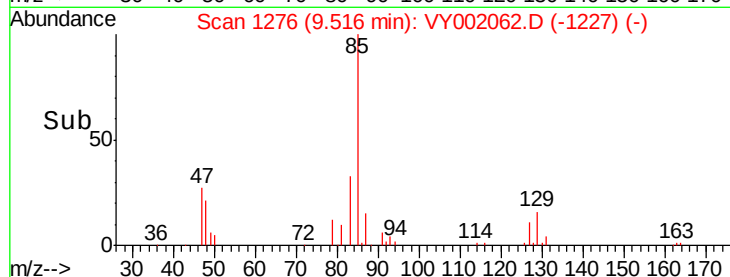
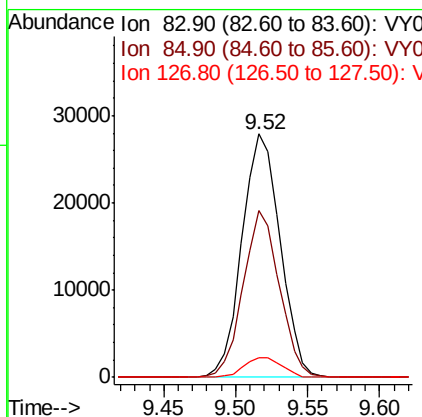
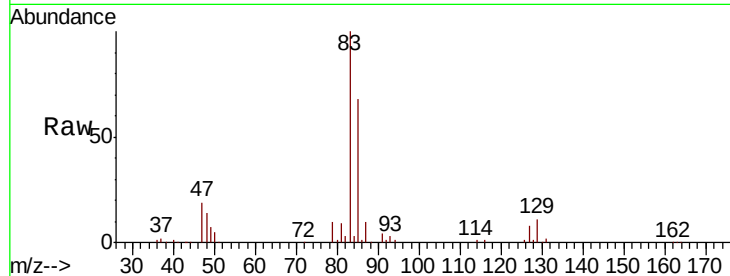
ClientSampleId :

VY0325SBS01

Tot Ion:	83	Resp:	51179
Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.6	76.0
127	7.8	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.822 ug/l

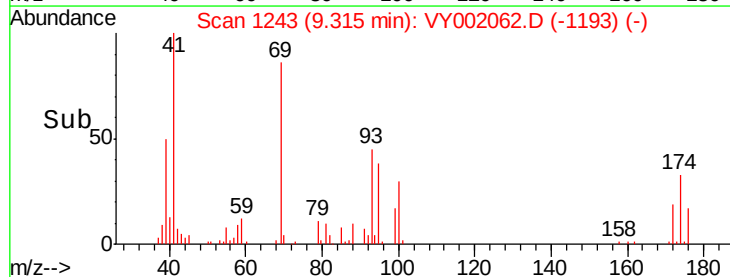
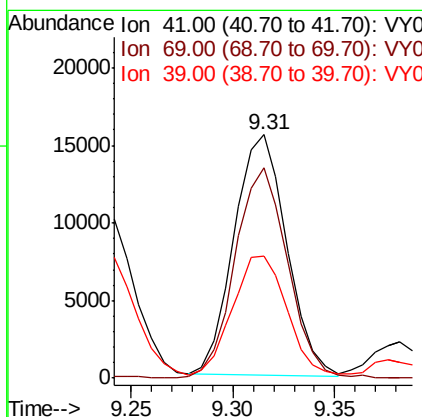
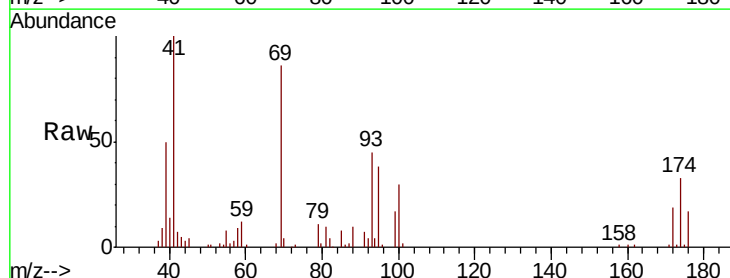
RT: 9.31 min Scan# 1243

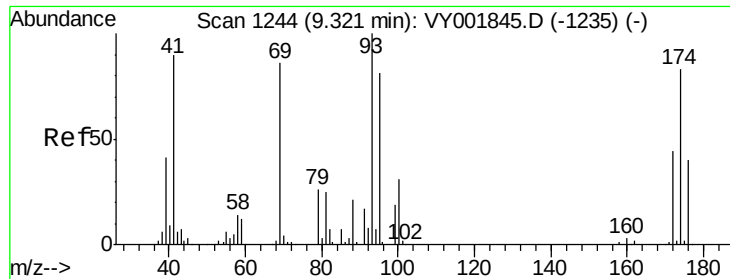
Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion:	41	Resp:	27691
Ion	Ratio	Lower	Upper
41	100		
69	87.6	69.0	103.6
39	53.8	39.1	58.7





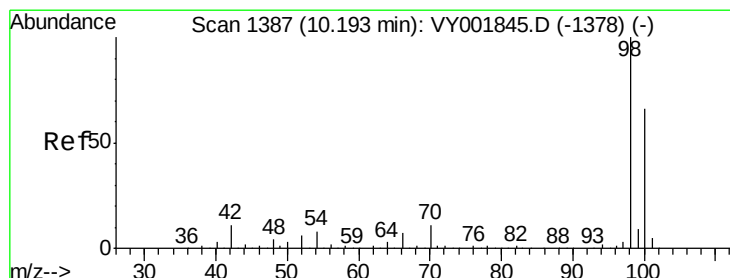
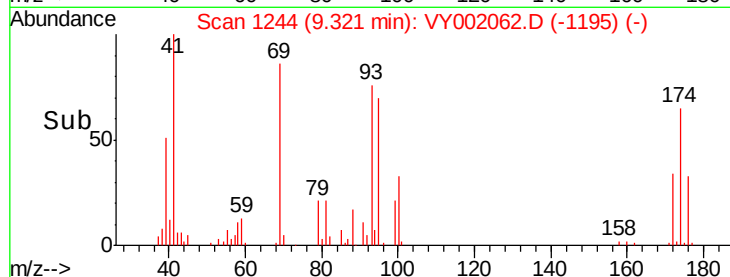
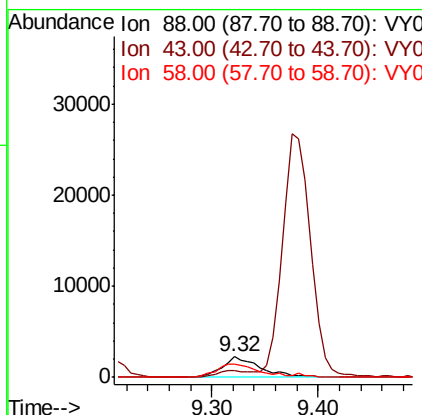
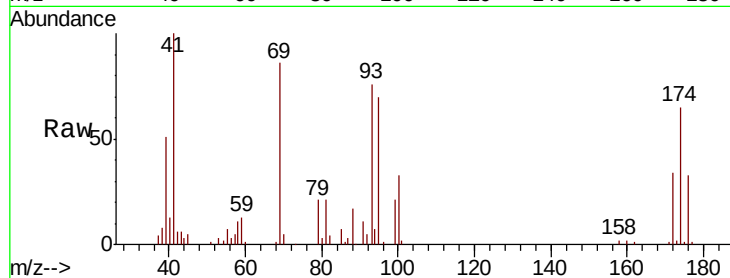
#49
1,4-Dioxane
Concen: 395.116 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.0	37.6
58	71.8	58.9	88.3

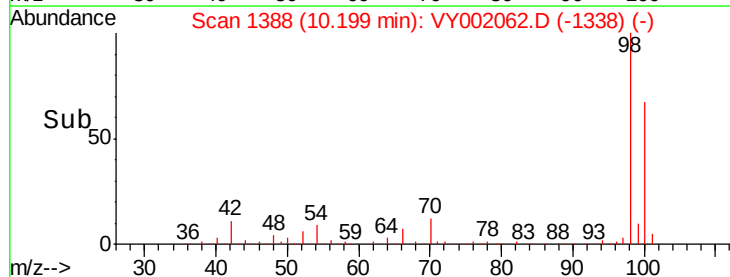
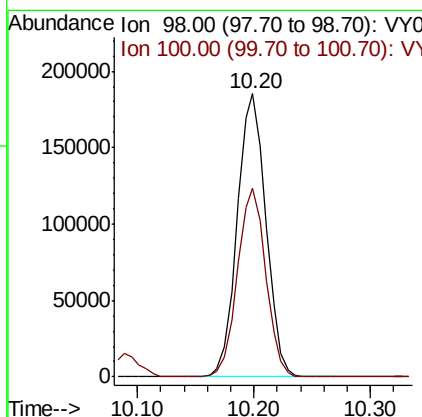
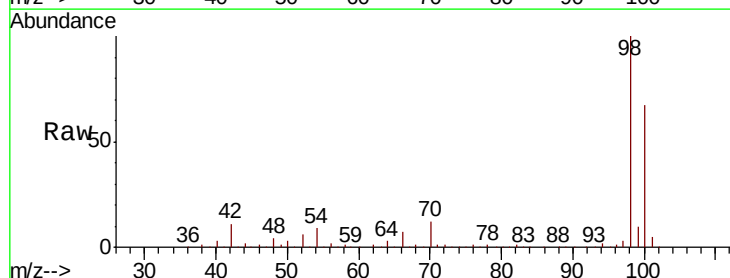
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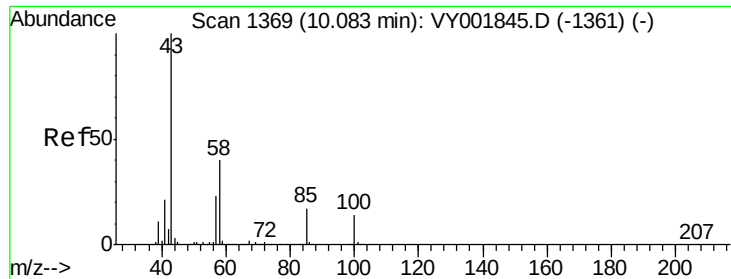
apatel
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#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





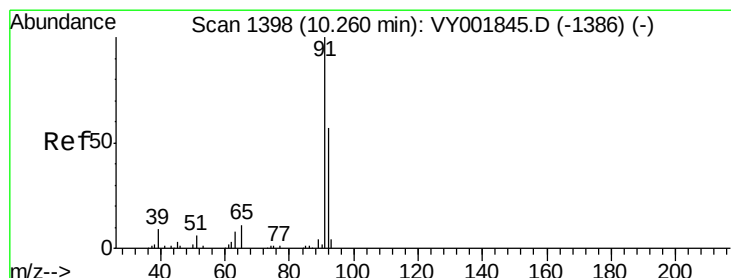
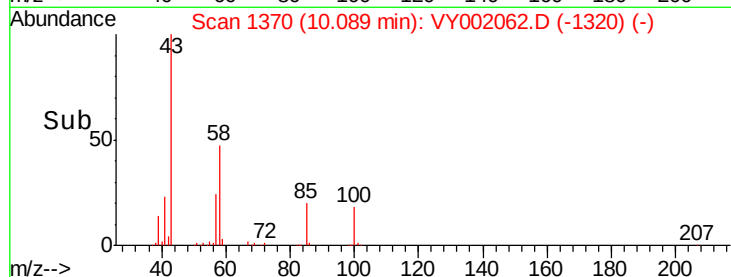
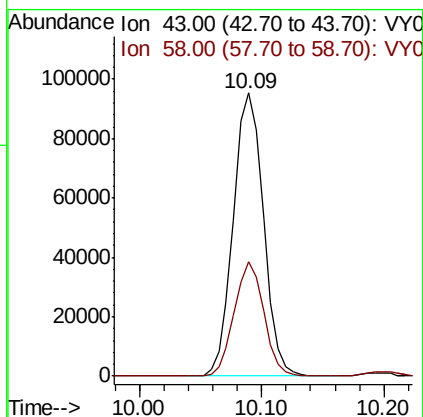
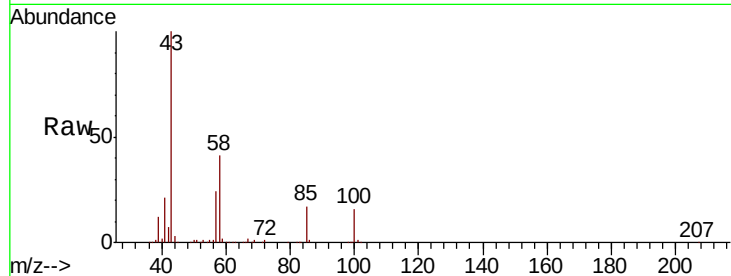
#51
4-Methyl-2-Pentanone
Concen: 105.167 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	43	Resp	162345
Ion Ratio	100	Lower	Upper
43	100		
58	39.6	32.0	48.0

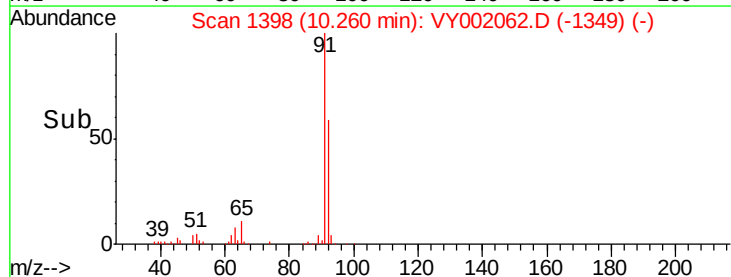
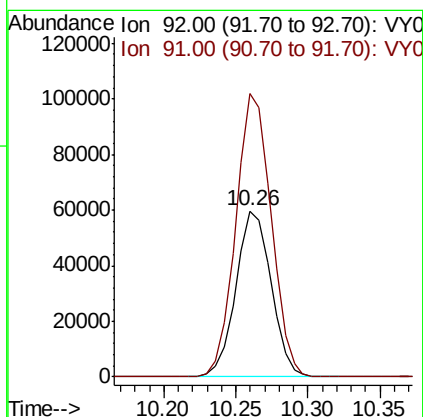
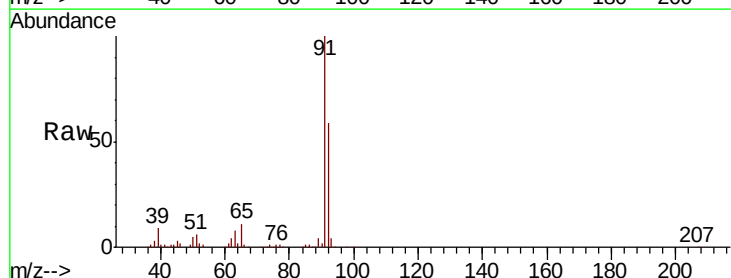
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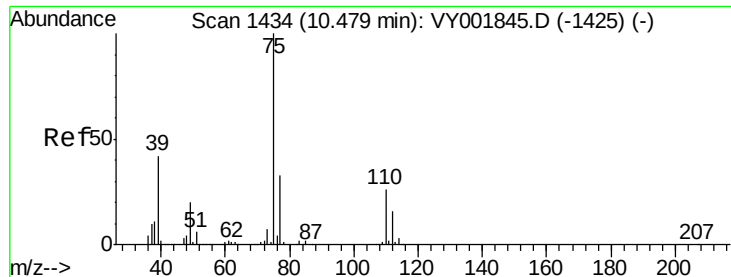
apatel
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#52
Toluene
Concen: 20.683 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	92	Resp	101432
Ion Ratio	100	Lower	Upper
92	100		
91	171.8	138.6	208.0





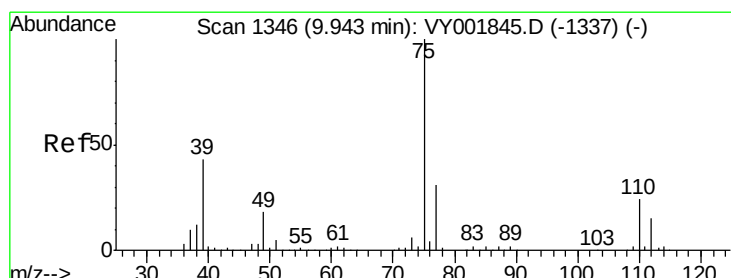
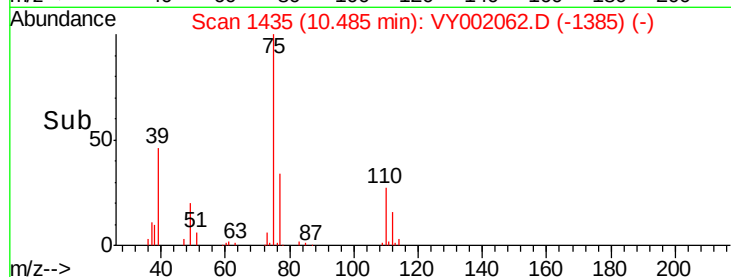
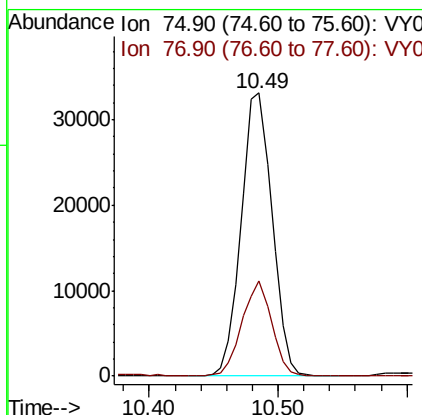
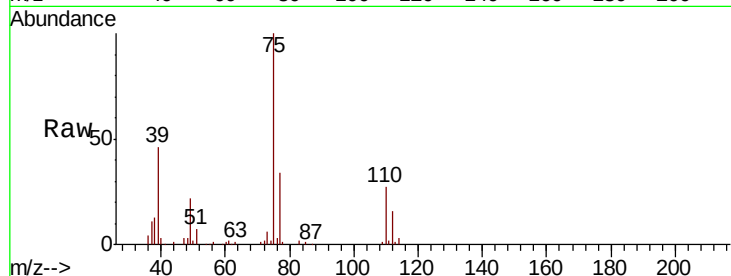
#53
t-1,3-Dichloropropene
Concen: 20.775 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion: 75 Resp: 55062
Ion Ratio Lower Upper
75 100
77 33.8 26.3 39.5

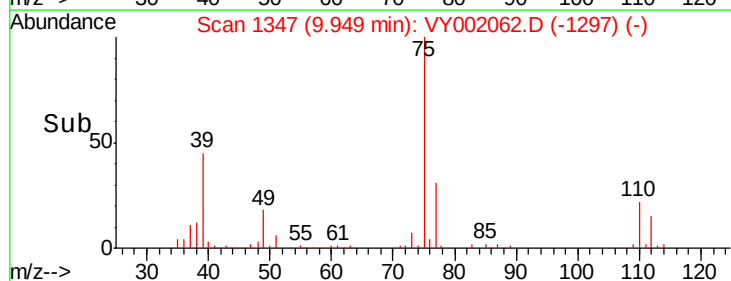
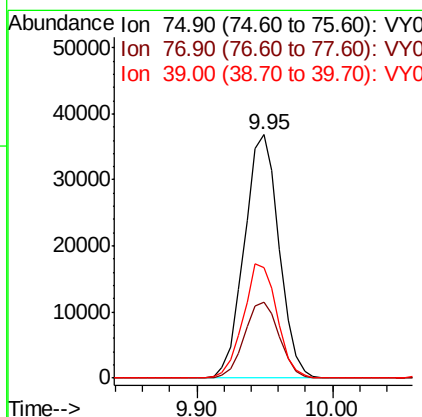
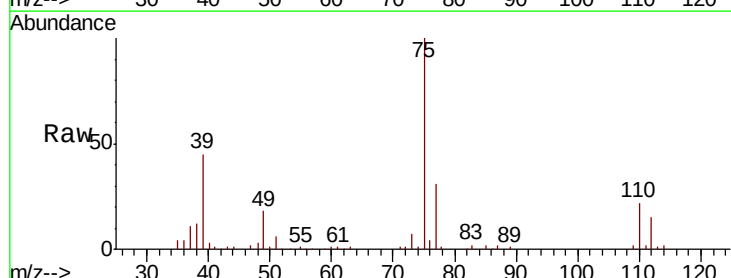
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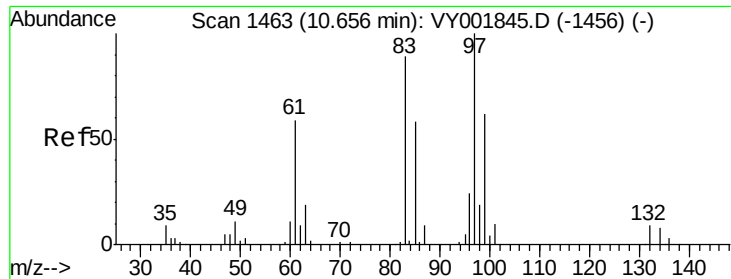
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#54
cis-1,3-Dichloropropene
Concen: 20.885 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 75 Resp: 65895
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7
39 45.3 34.7 52.1





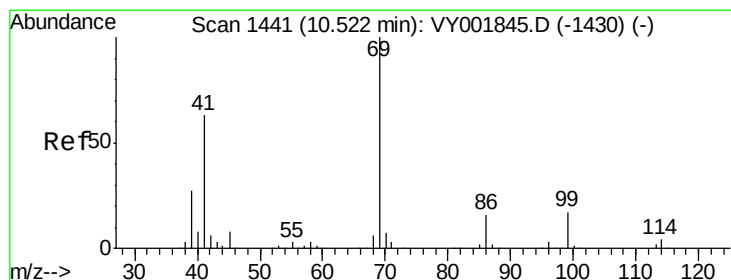
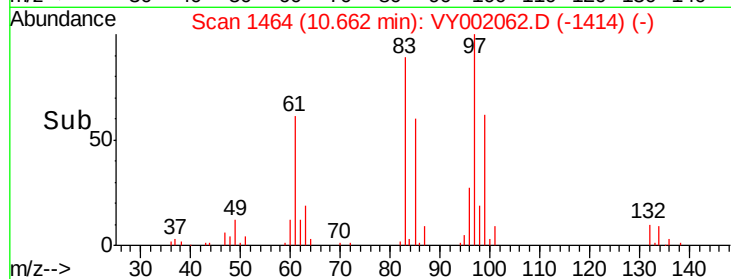
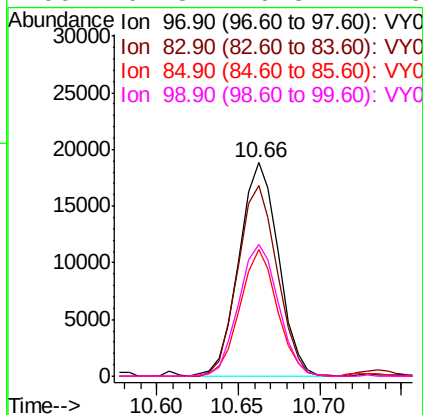
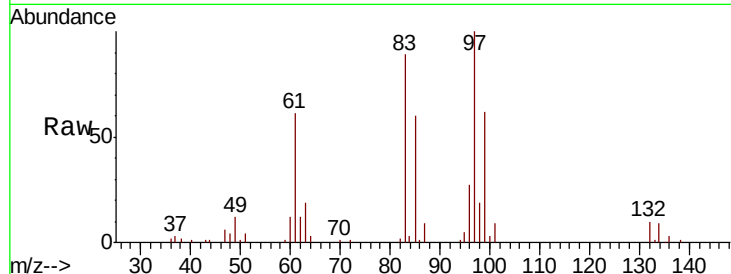
#55
 1,1,2-Trichloroethane
 Concen: 20.763 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion:	97	Resp:	31778
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.6	107.4
85	59.5	46.6	69.8
99	61.8	49.8	74.6

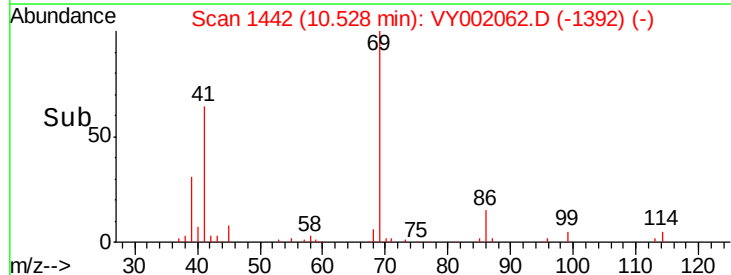
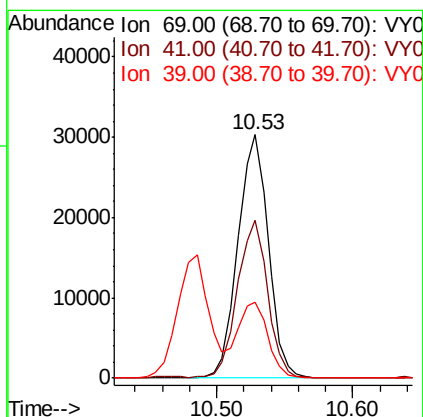
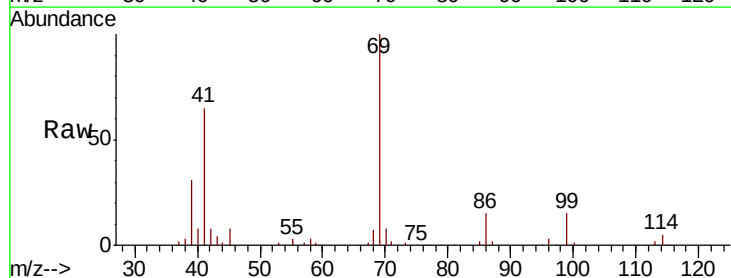
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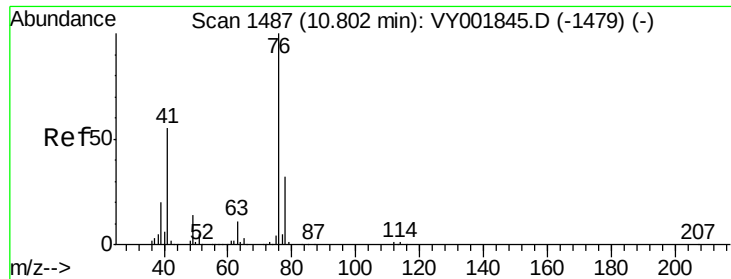
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#56
 Ethyl methacrylate
 Concen: 21.117 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion:	69	Resp:	47373
Ion	Ratio	Lower	Upper
69	100		
41	64.6	49.9	74.9
39	31.7	23.0	34.6





#57

1,3-Dichloropropane

Concen: 20.917 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 76 Resp: 57064

Ion Ratio Lower Upper

76 100

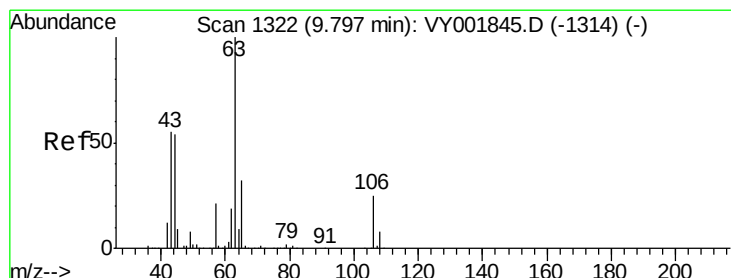
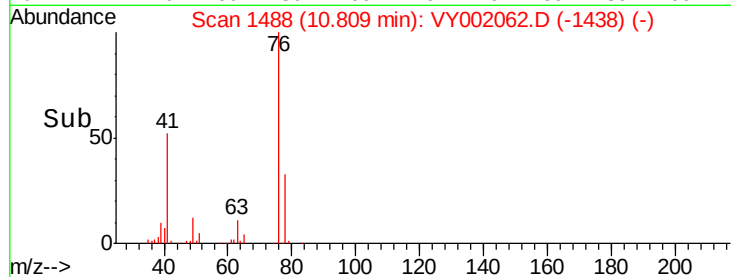
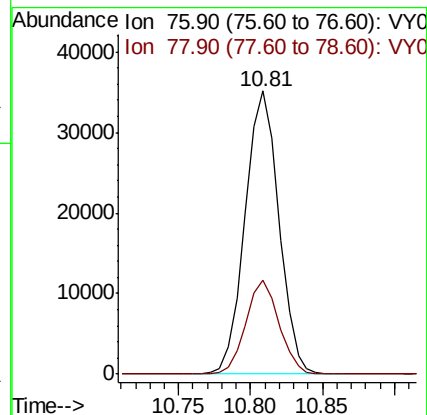
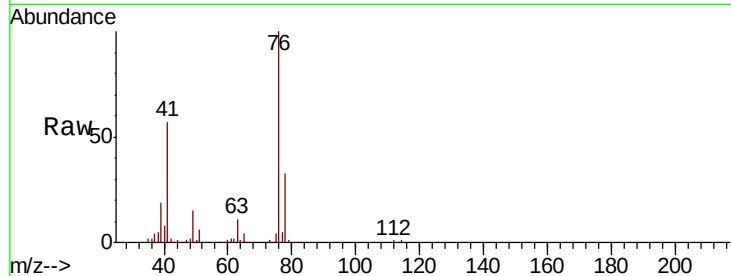
78 32.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 152.239 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002062.D

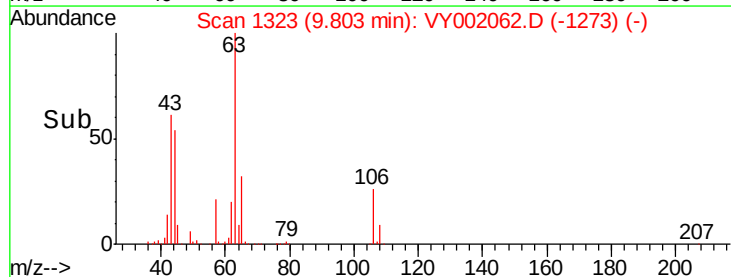
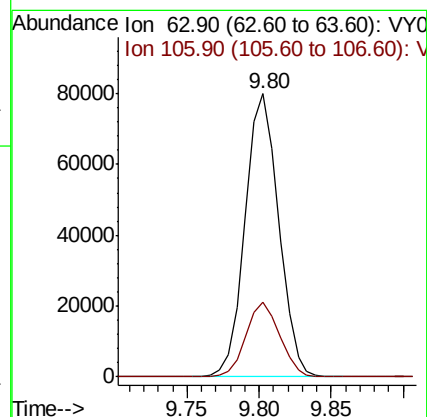
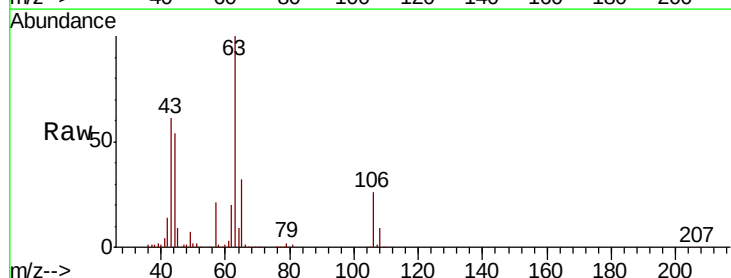
Acq: 25 Mar 2020 13:32

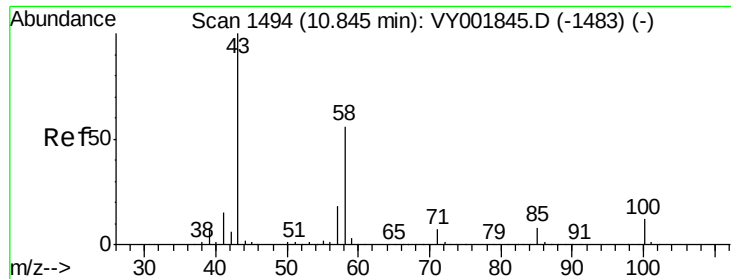
Tgt Ion: 63 Resp: 129248

Ion Ratio Lower Upper

63 100

106 26.3 21.3 31.9





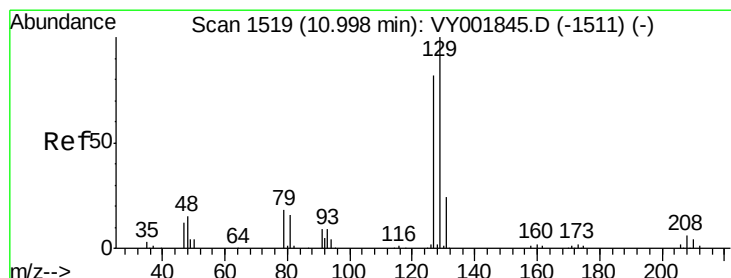
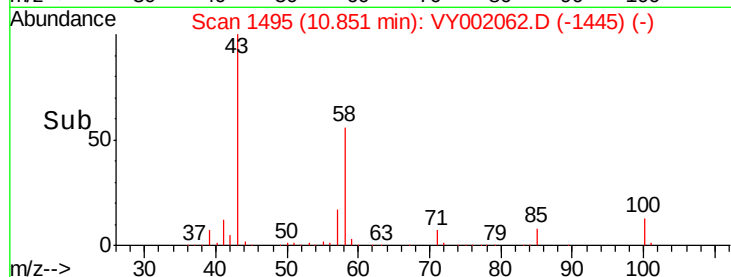
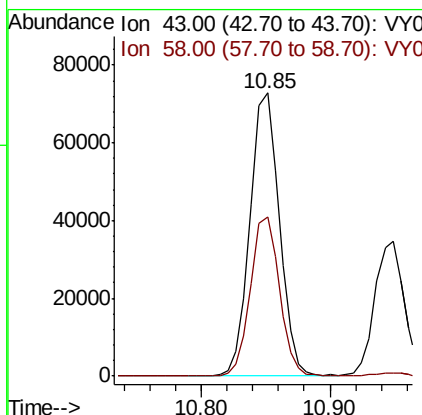
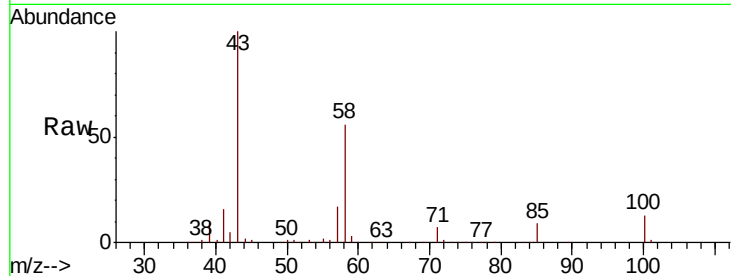
#59
2-Hexanone
Concen: 104.077 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion: 43 Resp: 114674
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3

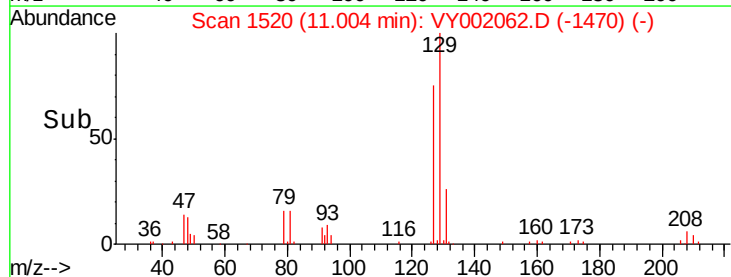
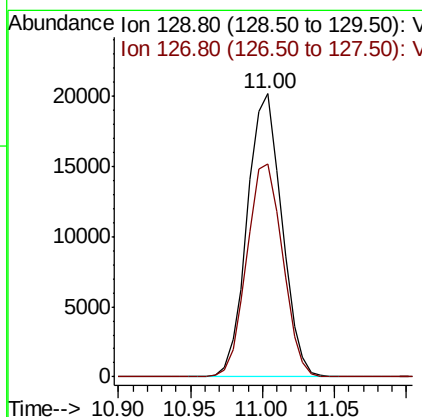
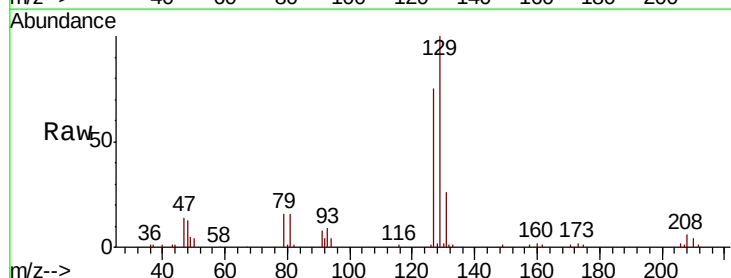
Manual Integrations
APPROVED

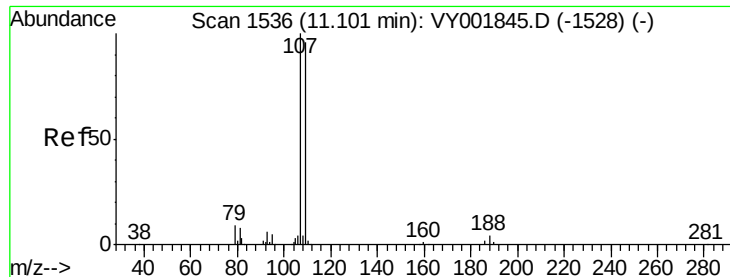
apatel
3/26/2020 10:58:57 AM



#60
Dibromochloromethane
Concen: 20.825 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 129 Resp: 33585
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





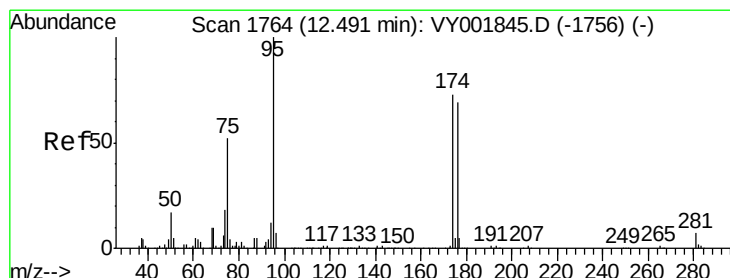
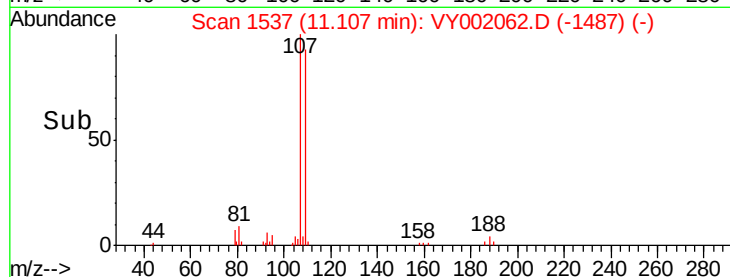
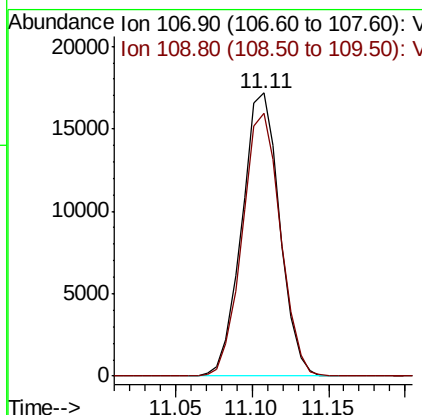
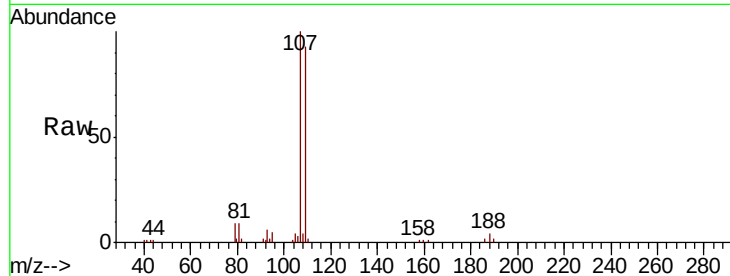
#61
 1,2-Dibromoethane
 Concen: 20.328 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.4	113.0

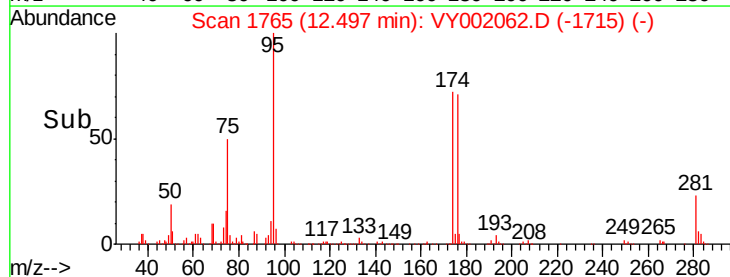
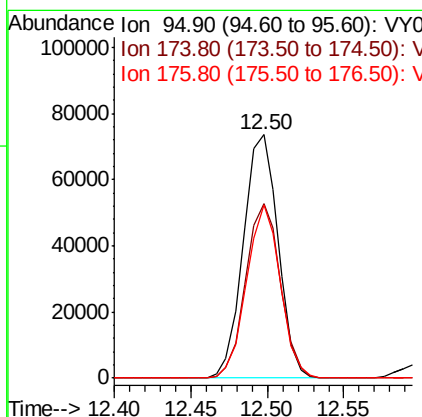
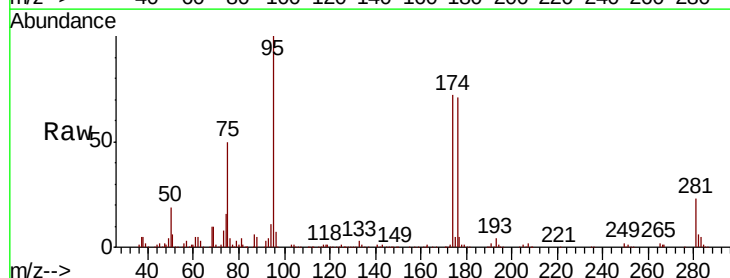
Manual Integrations
 APPROVED

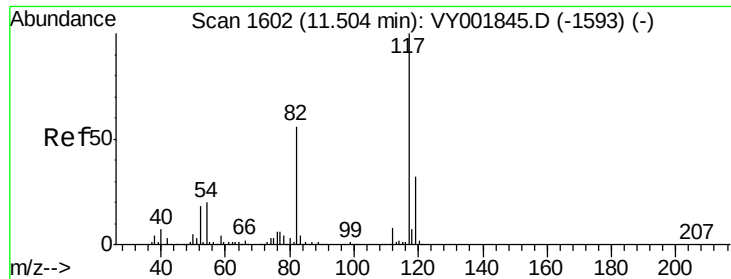
apatel
 3/26/2020 10:58:57 AM



#62
 4-Bromofluorobenzene
 Concen: 51.254 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	145.0
176	69.1	0.0	137.4





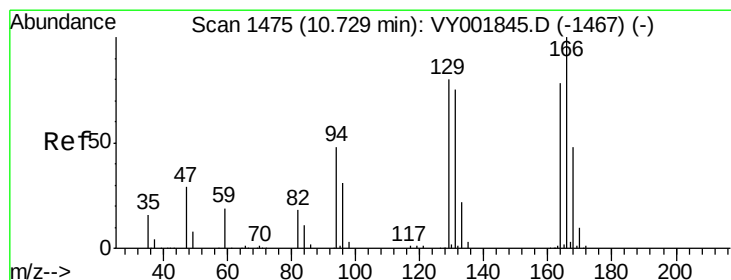
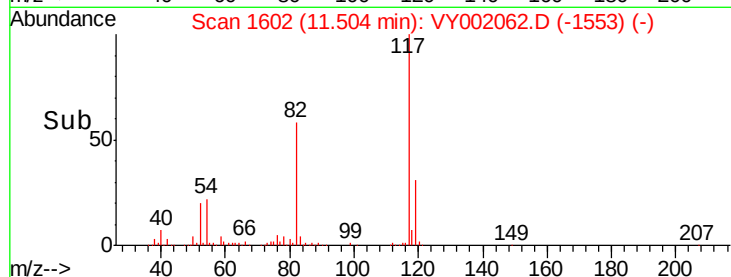
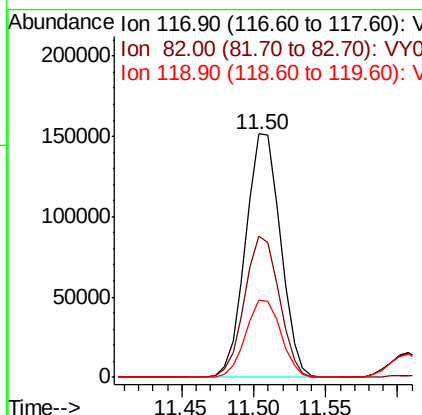
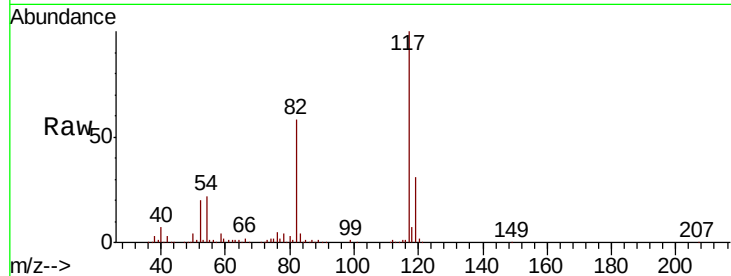
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.5	66.7
119	31.5	25.7	38.5

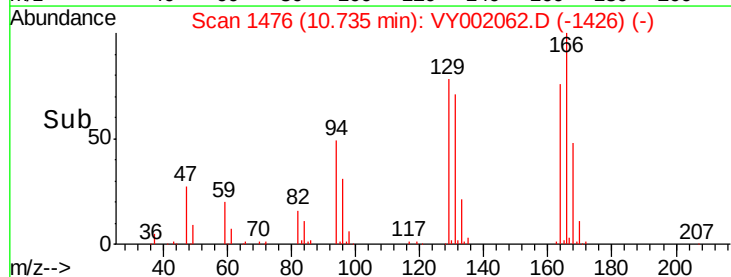
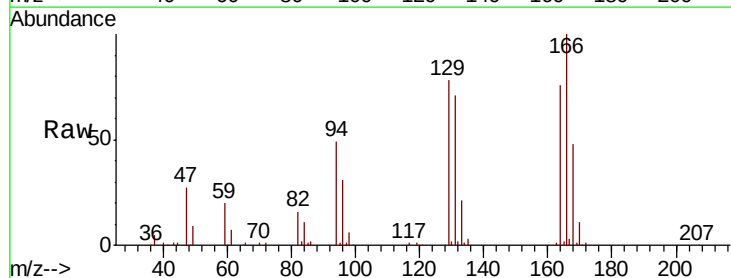
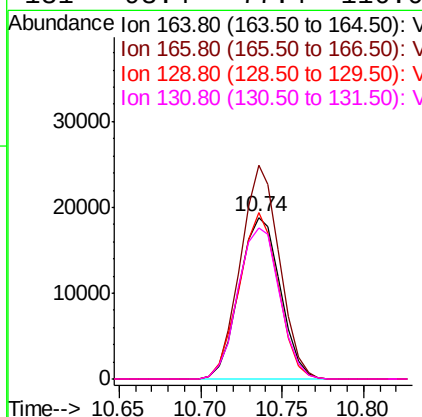
Manual Integrations
APPROVED

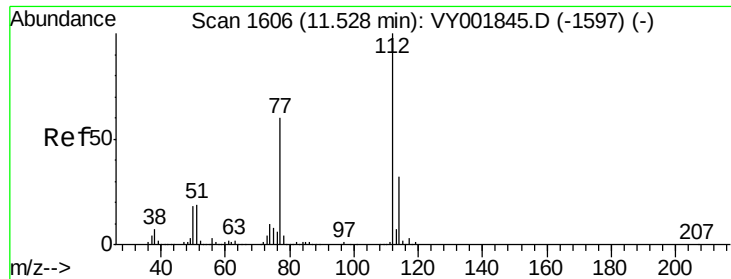
apatel
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#64
Tetrachloroethene
Concen: 20.644 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.1	102.6	154.0
129	102.8	82.3	123.5
131	93.4	77.4	116.0





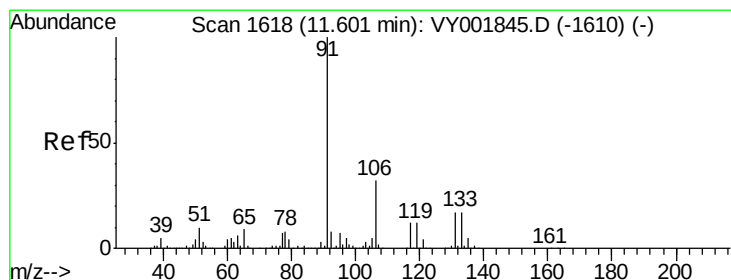
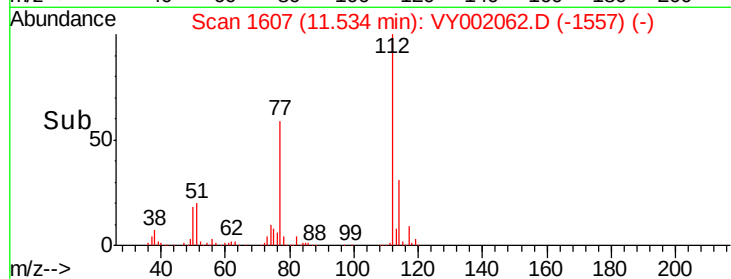
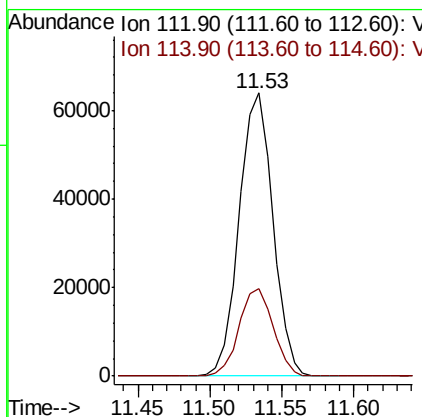
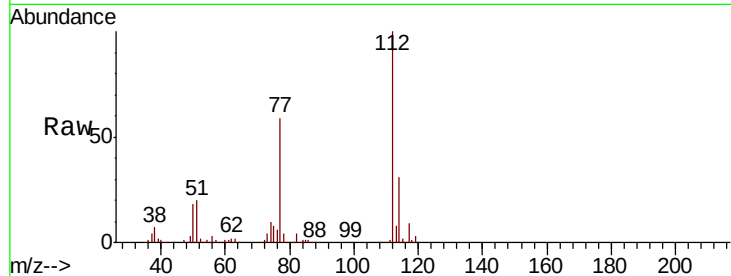
#65
Chlorobenzene
Concen: 20.522 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	103984		
114	31.0	25.9	38.9	

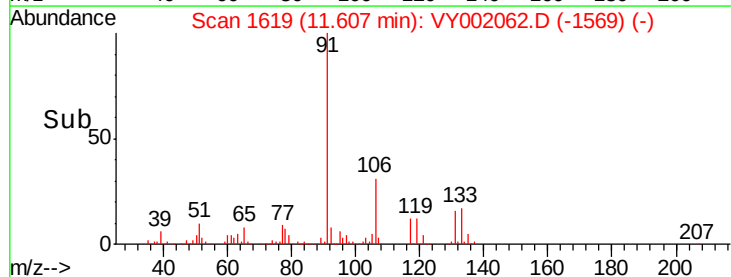
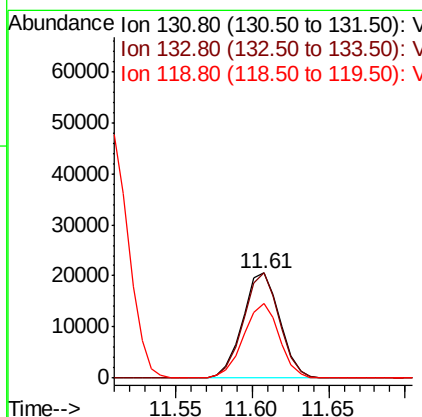
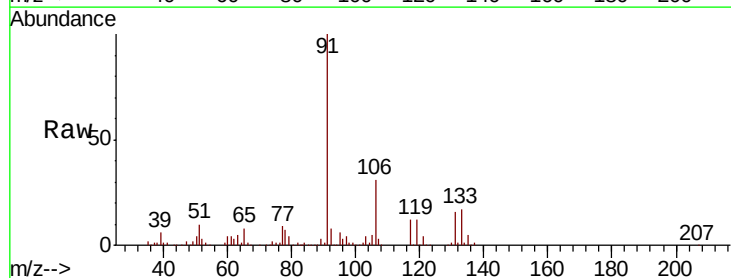
Manual Integrations
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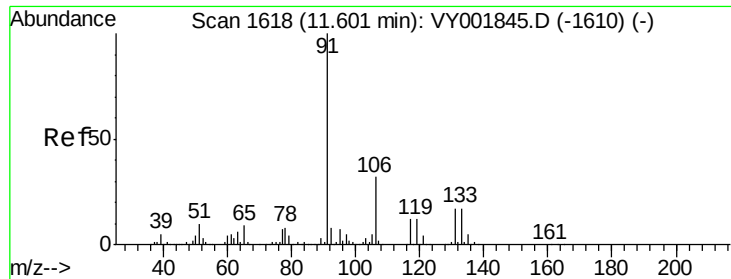
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.863 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	34667		
133	96.9	47.1	141.3	
119	68.2	34.5	103.6	





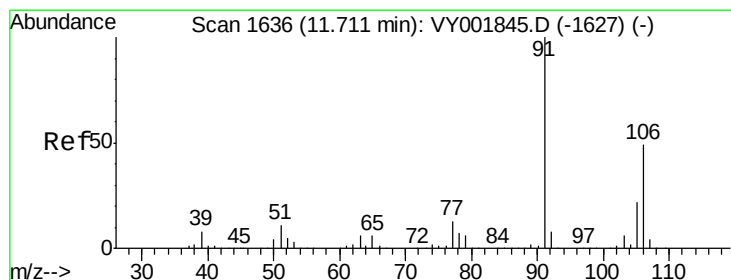
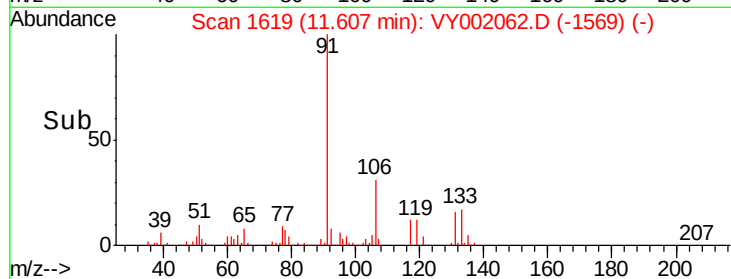
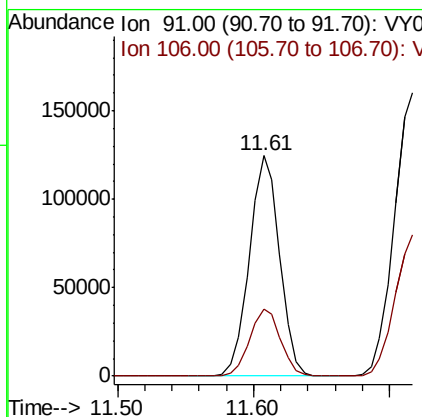
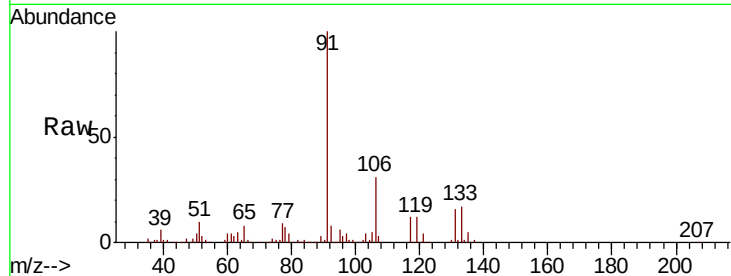
#67
Ethyl Benzene
Concen: 20.524 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion: 91 Resp: 193945
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

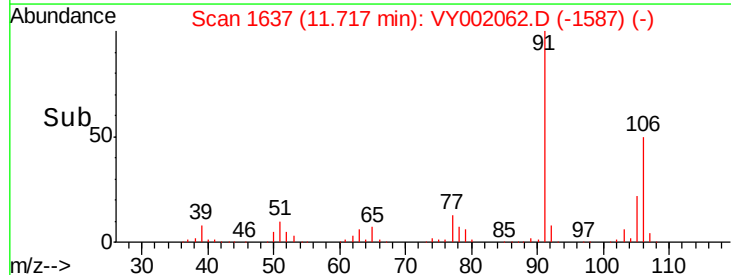
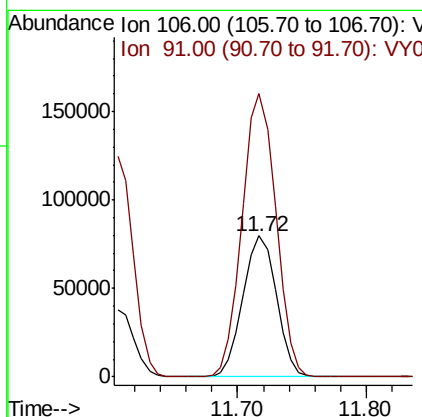
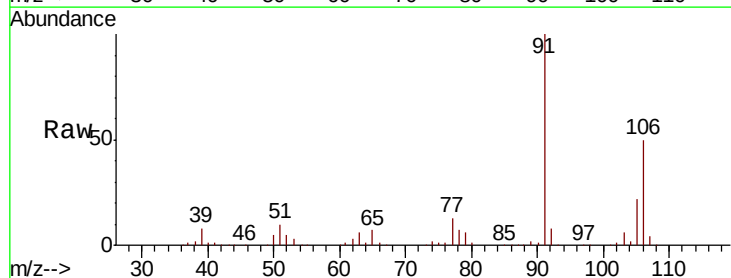
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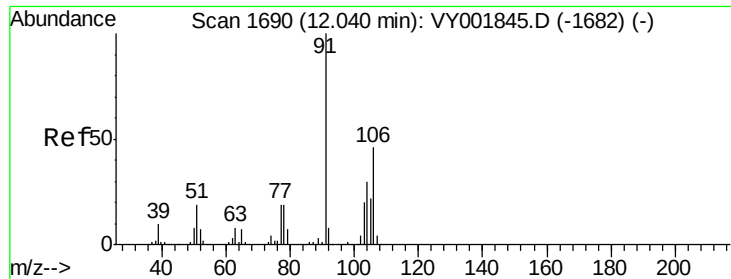
apatel
3/26/2020 10:58:57 AM



#68
m/p-Xylenes
Concen: 41.175 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion: 106 Resp: 143853
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9





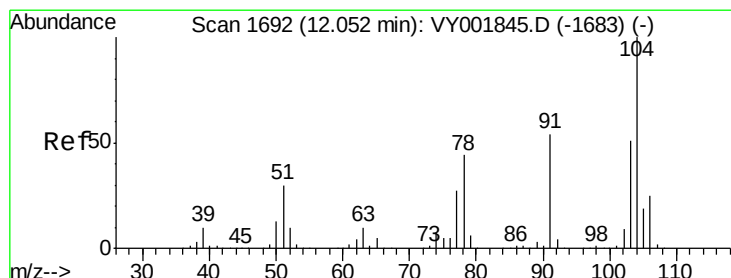
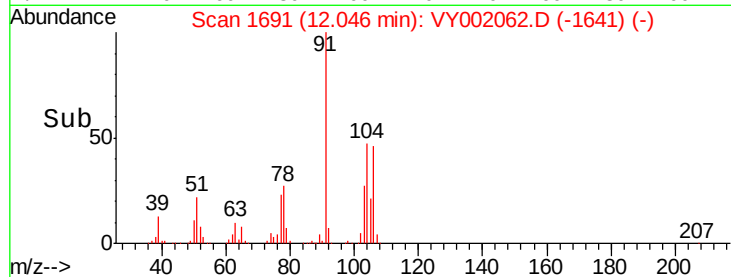
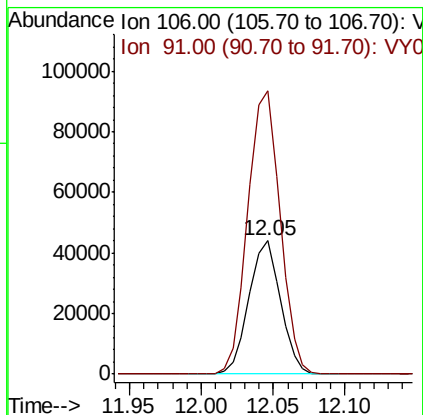
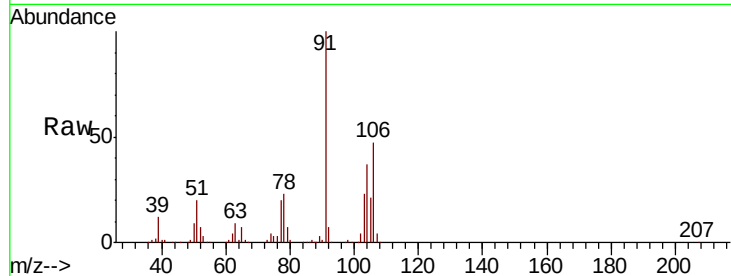
#69
o-Xylene
Concen: 20.335 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampled :
VY0325SBS01

Tot Ion:106 Resp: 66960
Ion Ratio Lower Upper
106 100
91 217.0 106.8 320.4

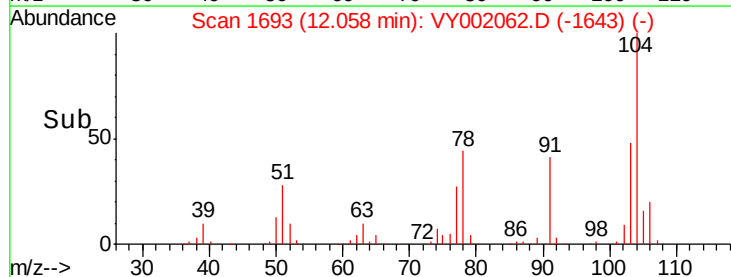
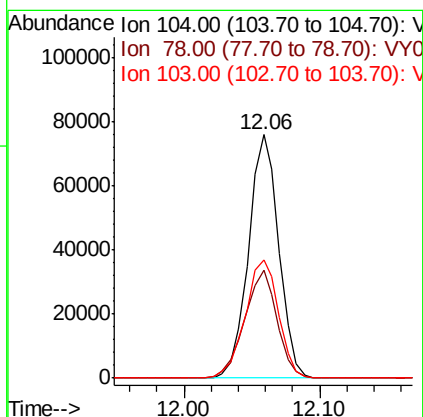
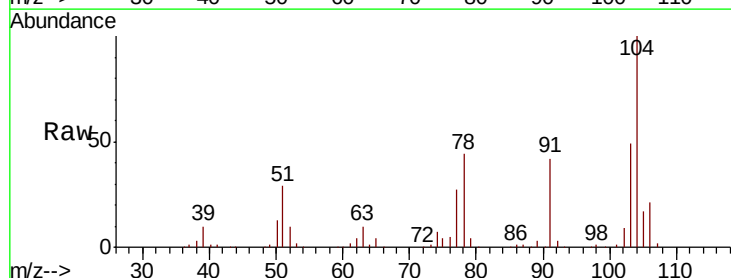
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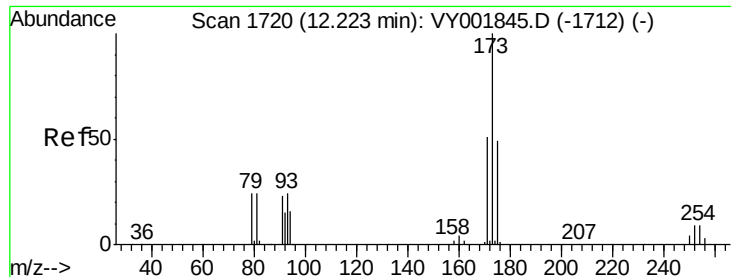
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#70
Styrene
Concen: 20.896 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion:104 Resp: 117850
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 20.822 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

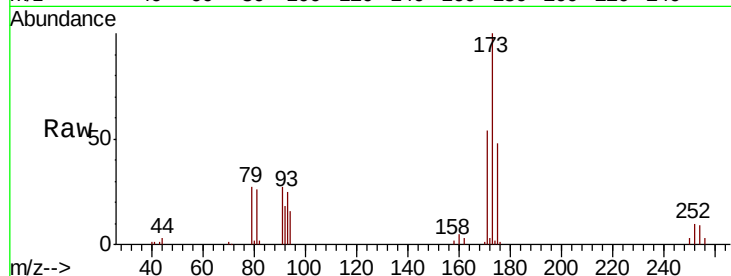
ClientSampleId :

VY0325SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations
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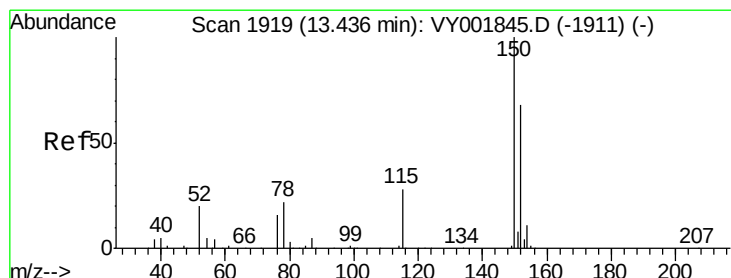
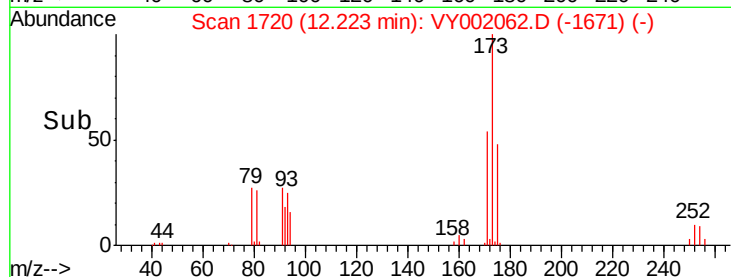
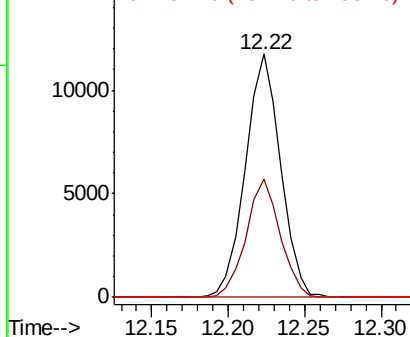


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

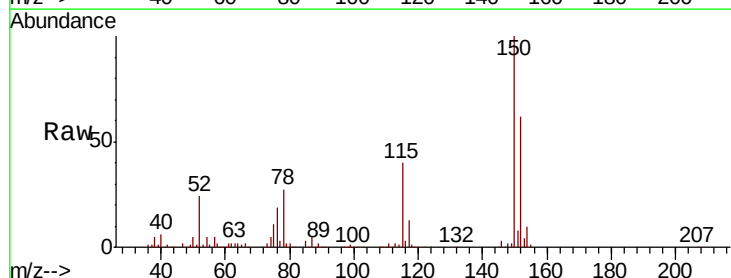
RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.9	89.7
150	164.3	0.0	340.6

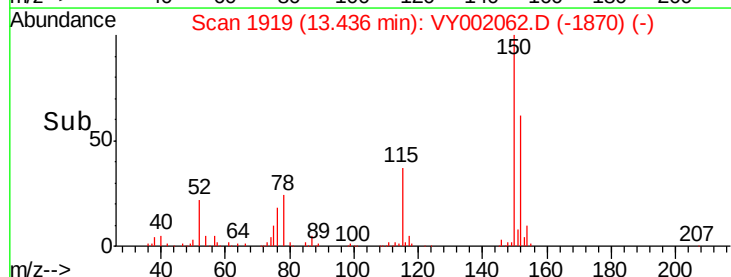
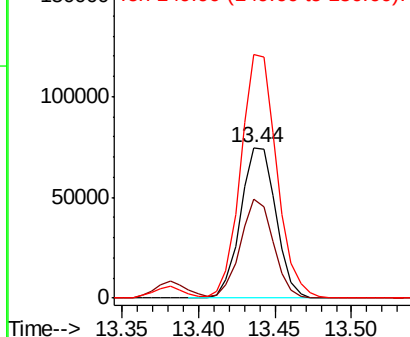


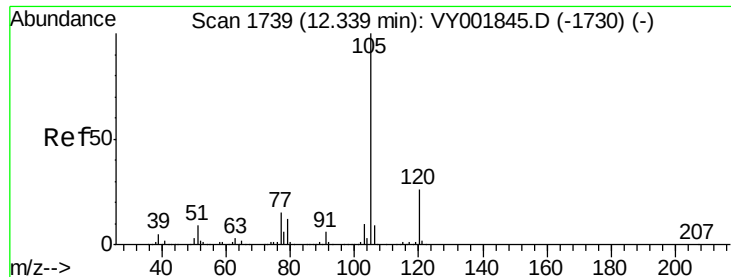
Abundance

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





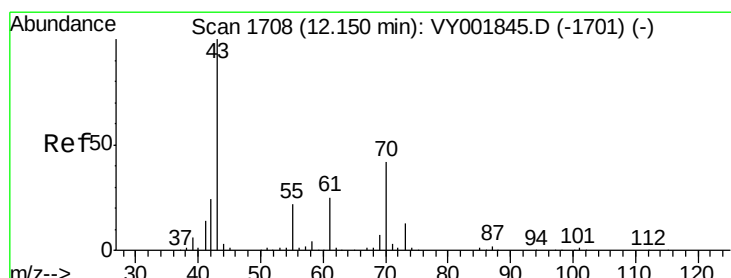
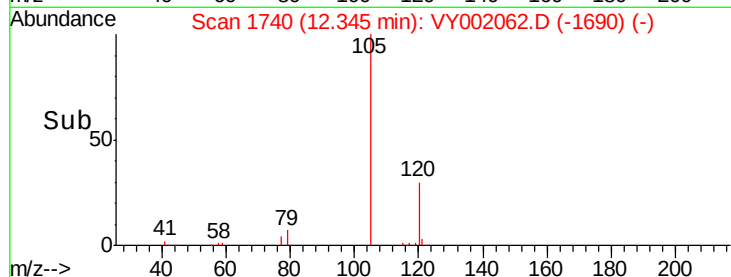
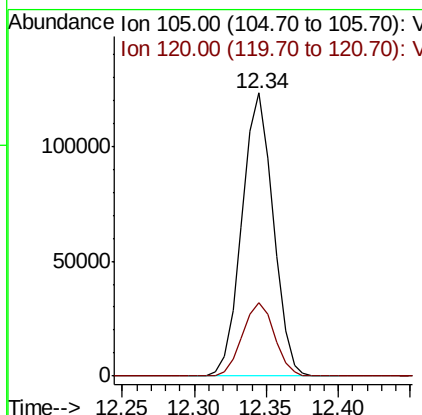
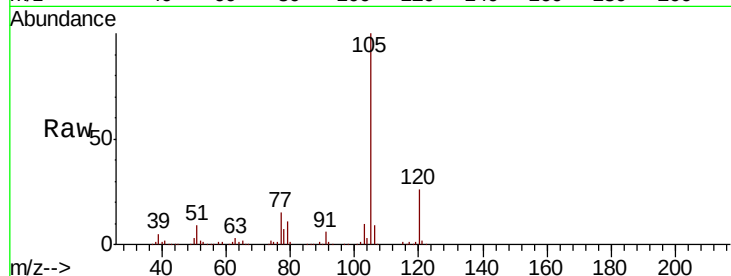
#73
Isopropylbenzene
Concen: 20.301 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

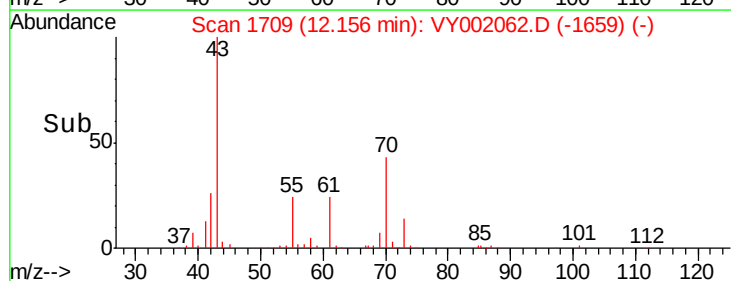
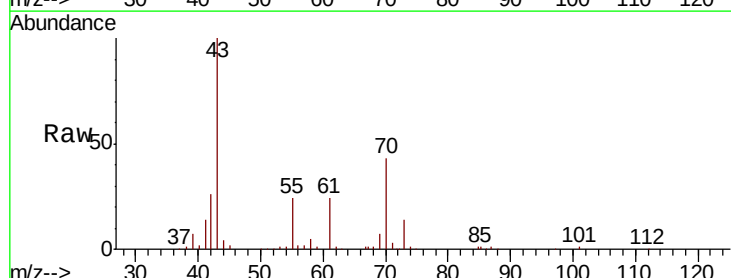
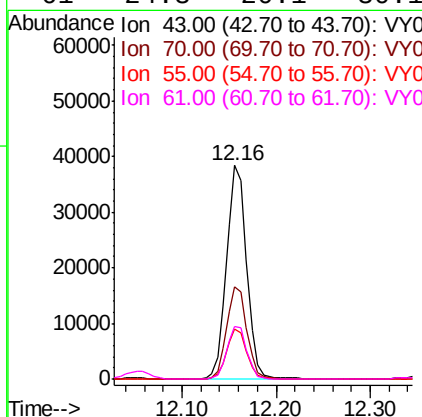
Manual Integrations
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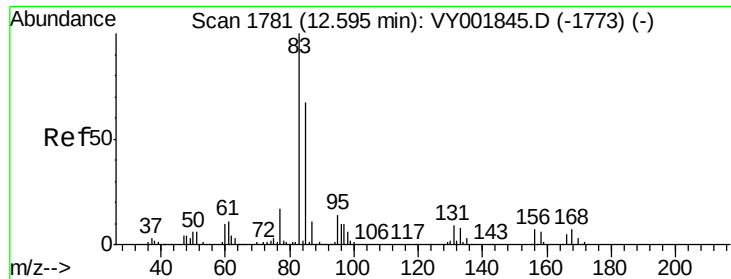
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#74
N-ethyl acetate
Concen: 20.261 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	34.7	52.1
55	23.3	18.2	27.4
61	24.3	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.983 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

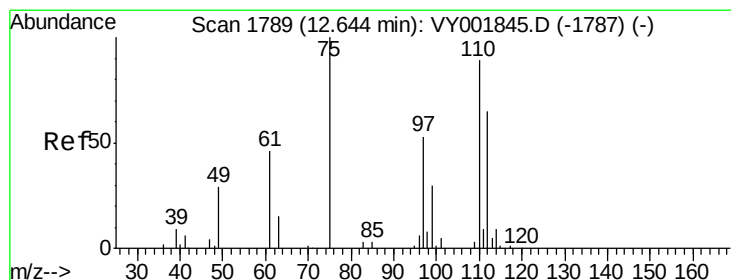
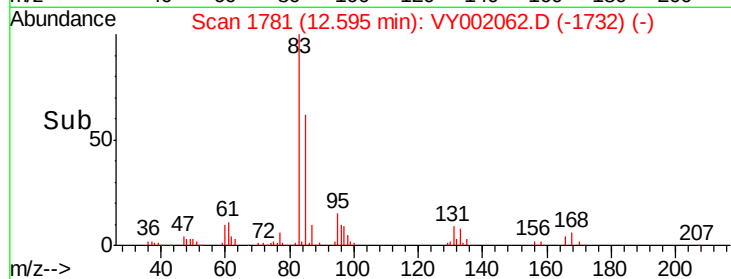
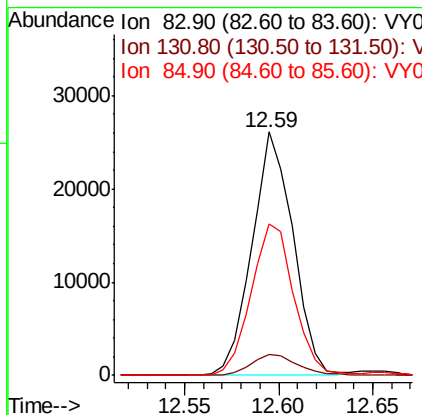
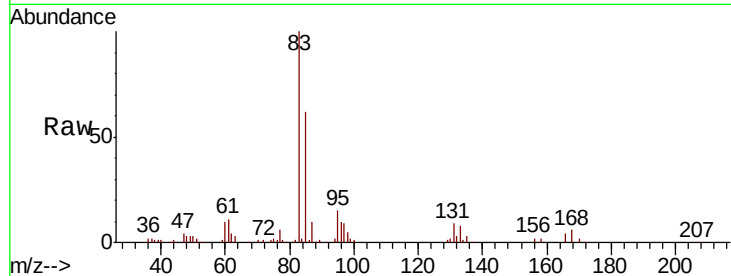
ClientSampleId :

VY0325SBS01

Tot Ion:	83	Resp:	39364
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.6	13.8
85	64.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.410 ug/l m

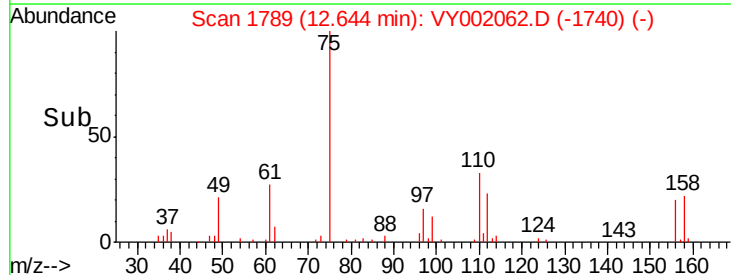
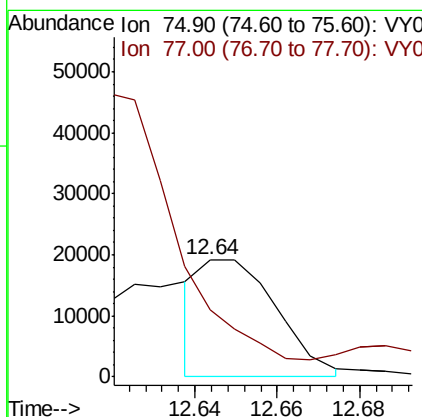
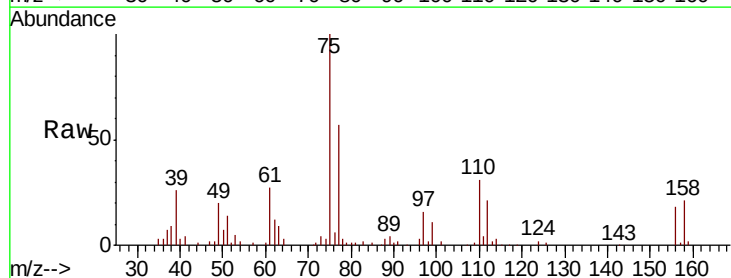
RT: 12.64 min Scan# 1789

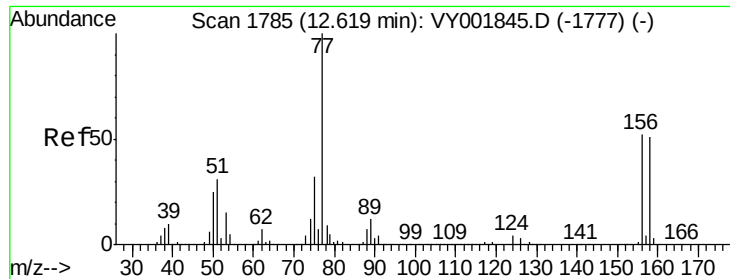
Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion:	75	Resp:	24720
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.503 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

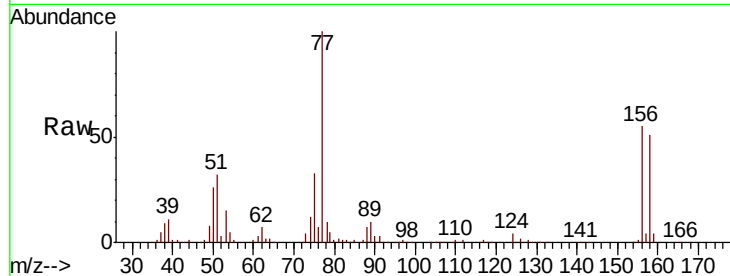
ClientSampleId :

VY0325SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	215.2	109.0	327.0	
158	96.2	48.9	146.8	

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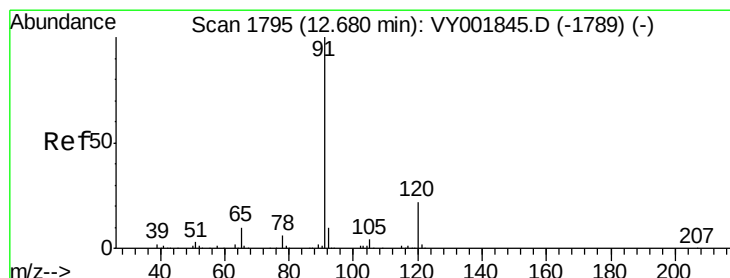
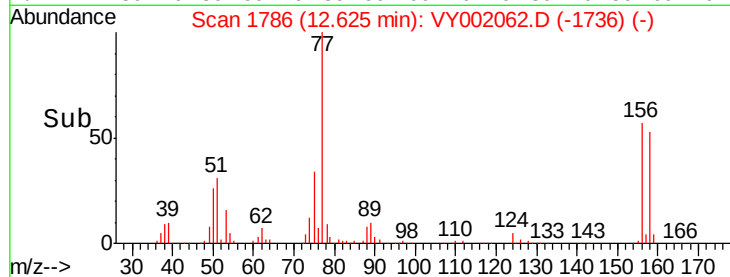
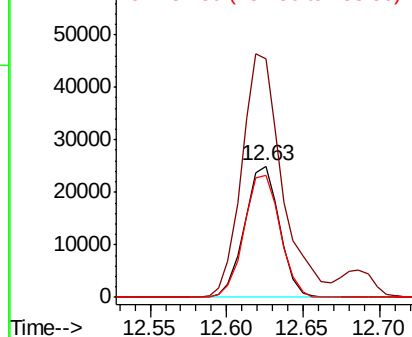


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.255 ug/l

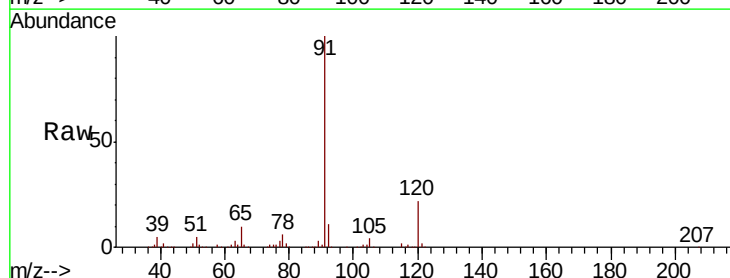
RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

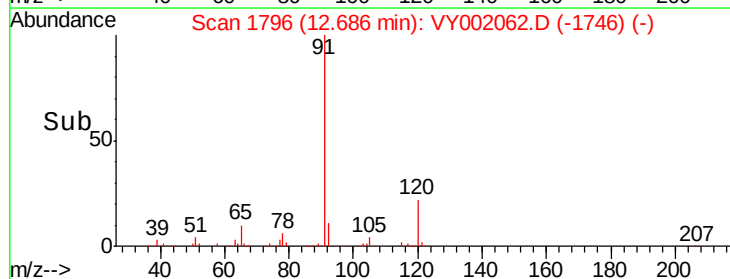
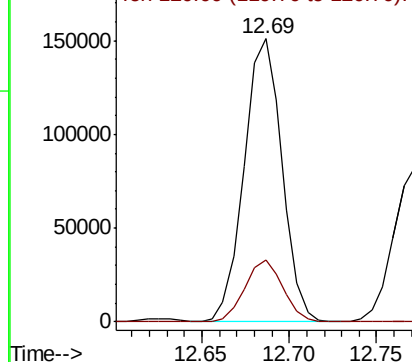
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.0	11.0	33.0	

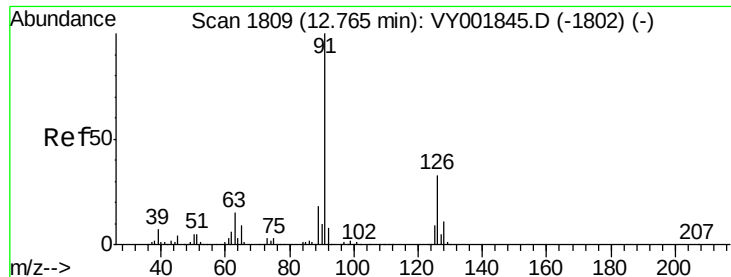


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.234 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tot Ion: 91 Resp: 125979

Ion Ratio Lower Upper

91 100

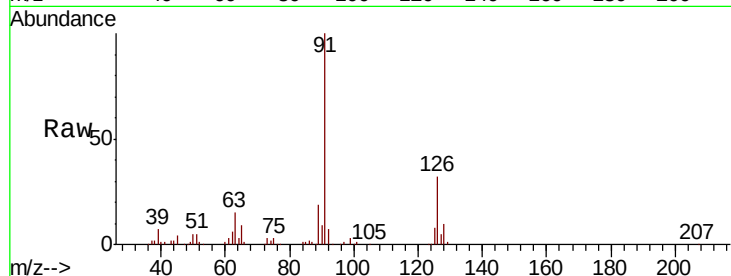
126 32.8 16.3 48.8

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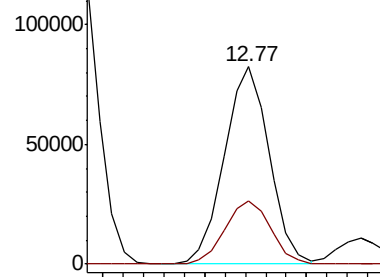
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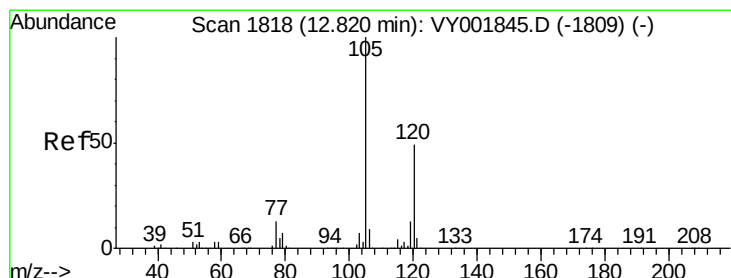
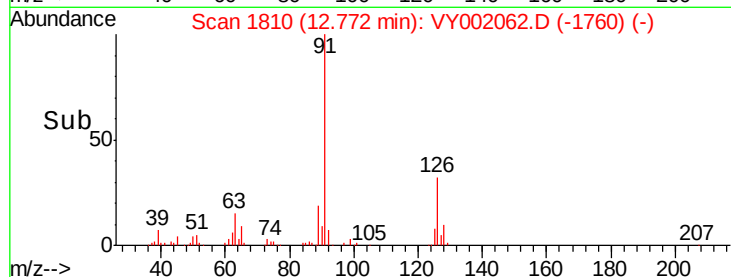


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.038 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002062.D

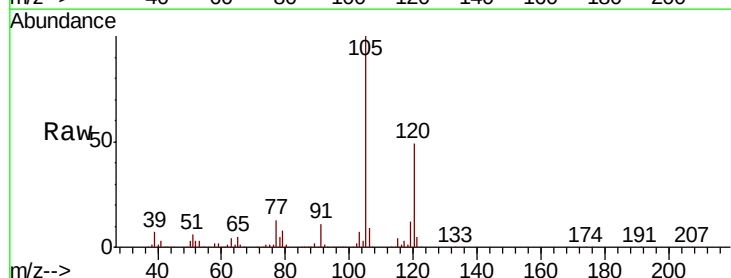
Acq: 25 Mar 2020 13:32

Tgt Ion: 105 Resp: 150685

Ion Ratio Lower Upper

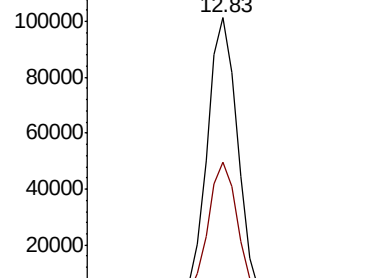
105 100

120 48.6 24.4 73.2

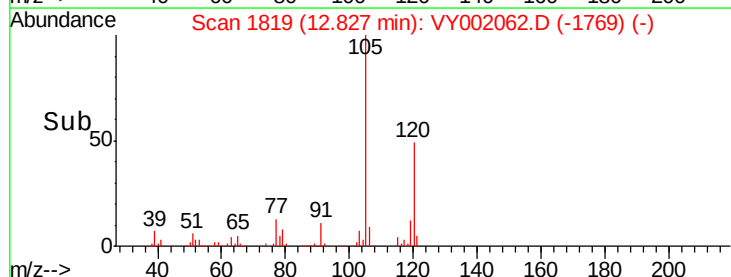


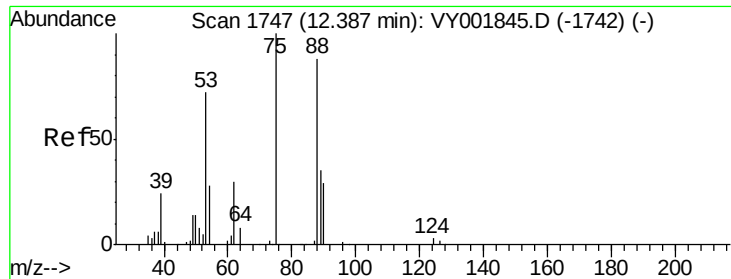
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.011 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

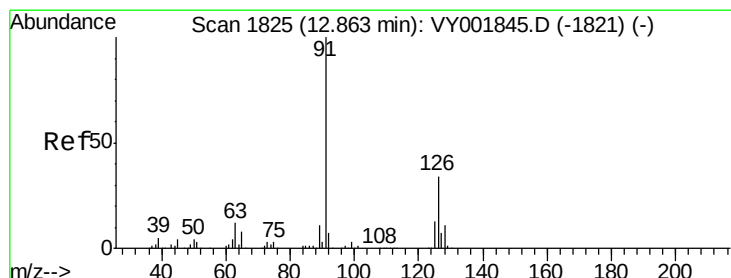
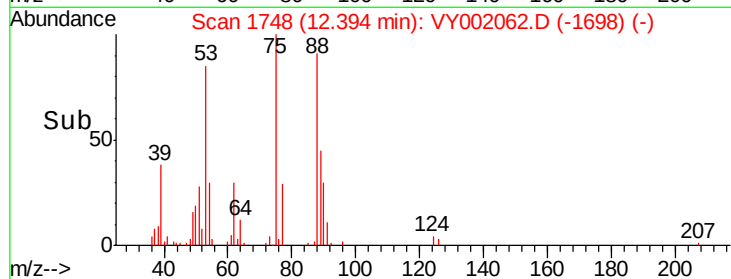
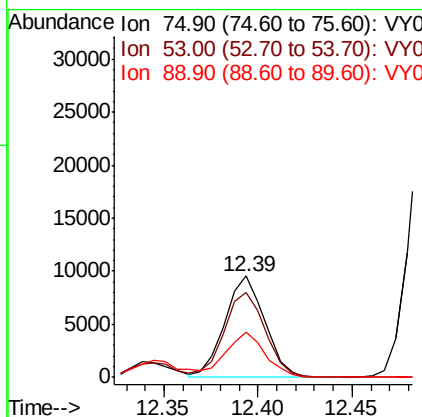
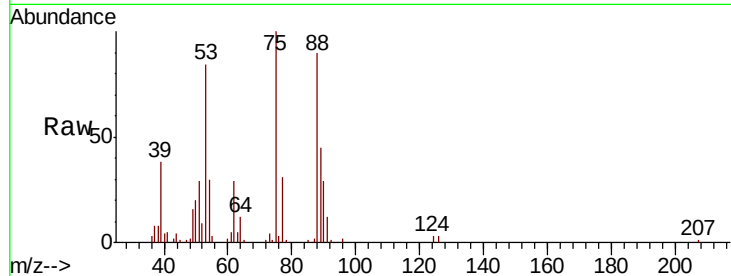
ClientSampleId :

VY0325SBS01

Tot Ion:	75	Resp:	14066
Ion Ratio	Lower	Upper	
75	100		
53	86.6	65.4	98.0
89	43.9	36.0	54.0

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#82

4-Chlorotoluene

Concen: 20.529 ug/l

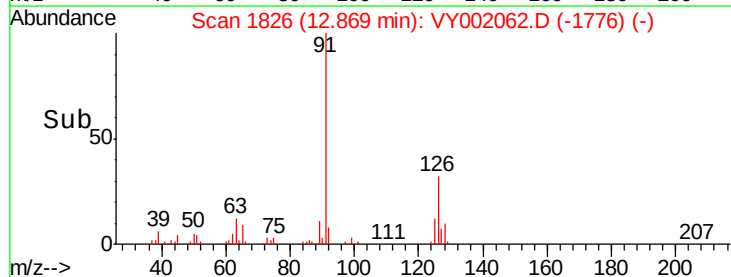
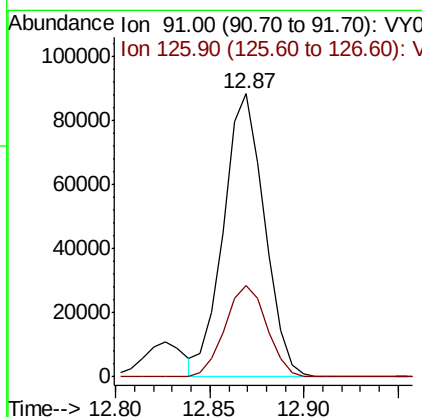
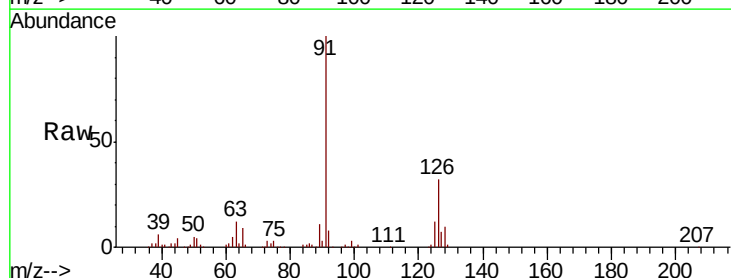
RT: 12.87 min Scan# 1826

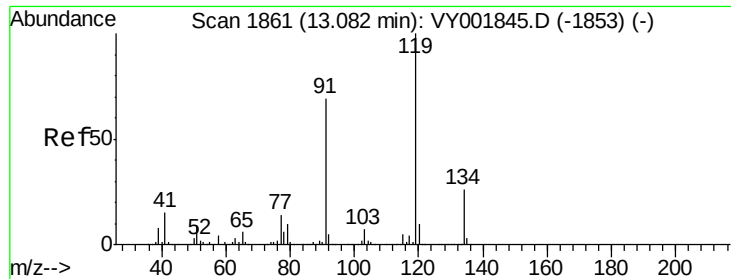
Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion:	91	Resp:	133079
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.4	49.2





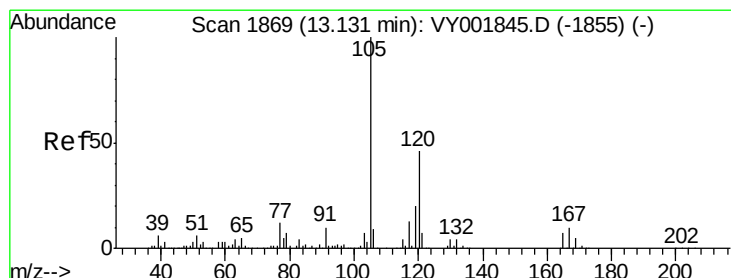
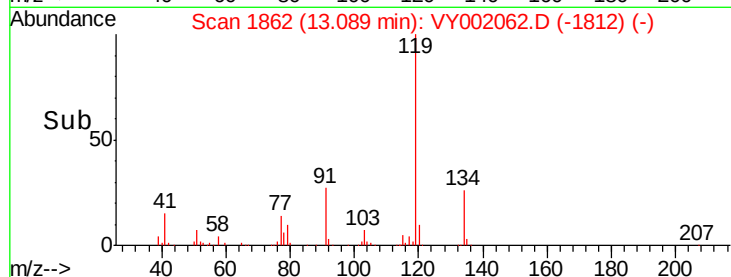
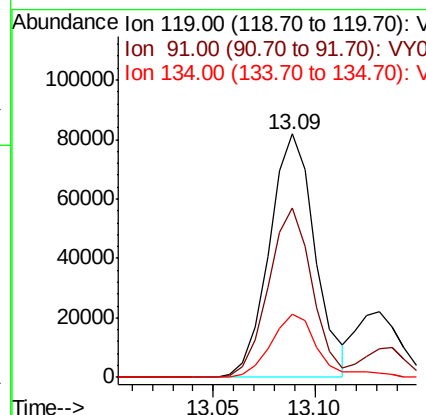
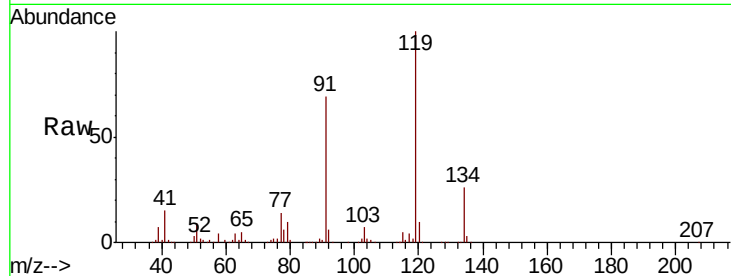
#83
tert-Butylbenzene
Concen: 20.443 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	34.0	101.8
134	27.0	13.5	40.4

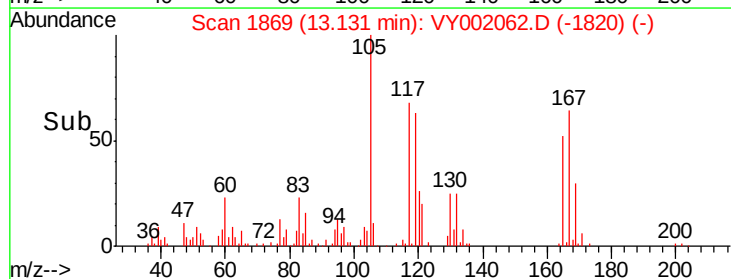
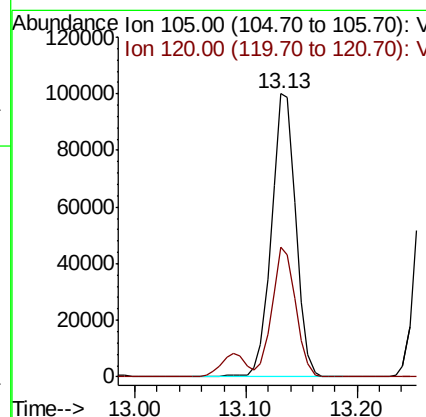
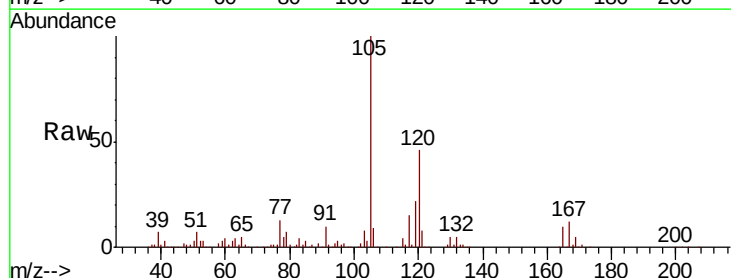
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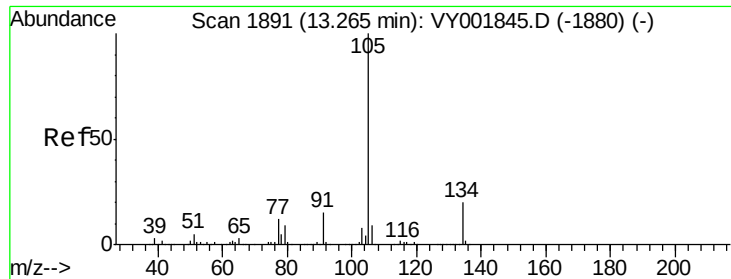
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#84
1,2,4-Trimethylbenzene
Concen: 20.415 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.410 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

ClientSampled :

VY0325SBS01

Tot Ion:105 Resp: 187902

Ion Ratio Lower Upper

105 100

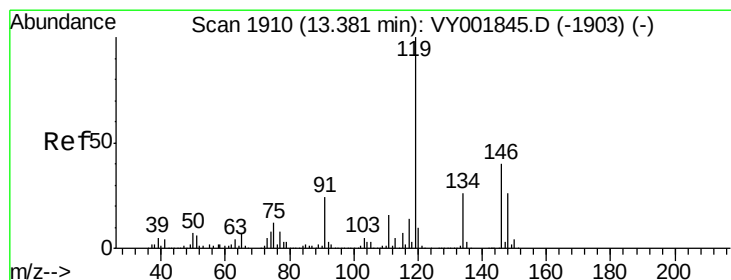
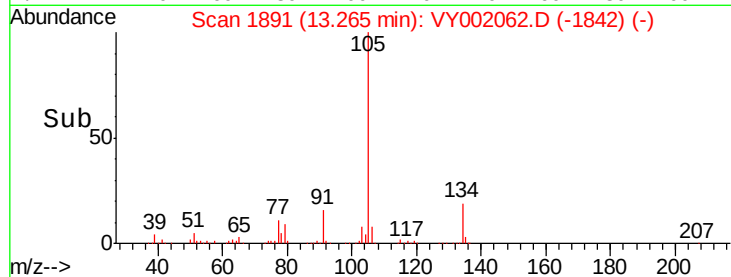
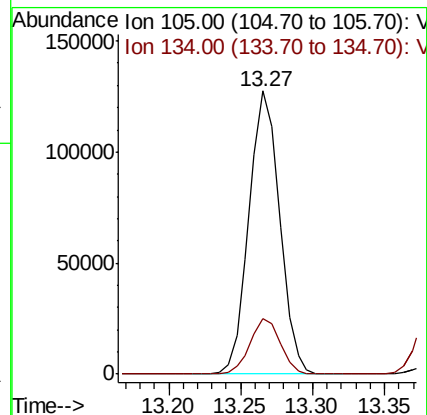
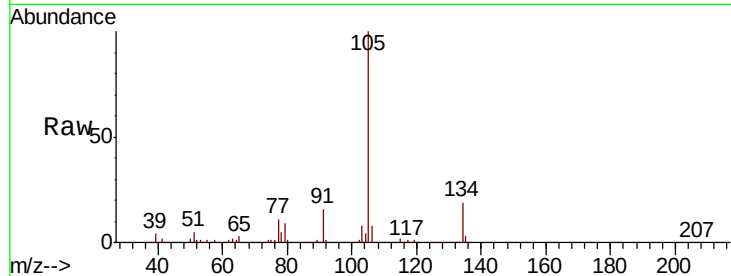
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.759 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

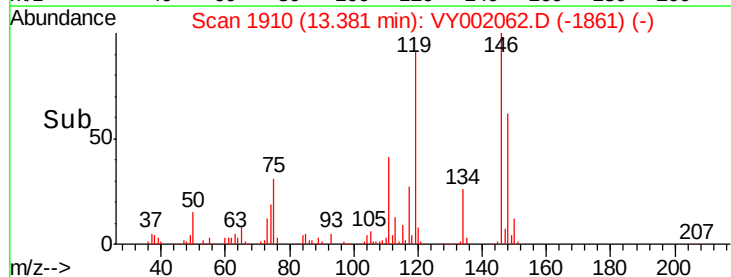
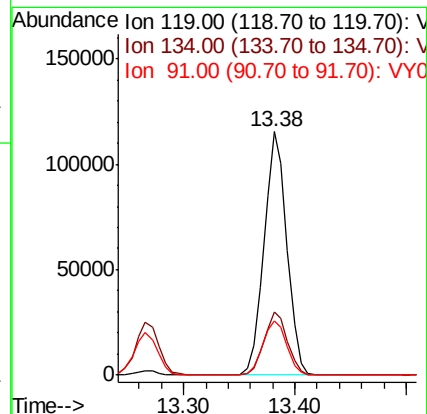
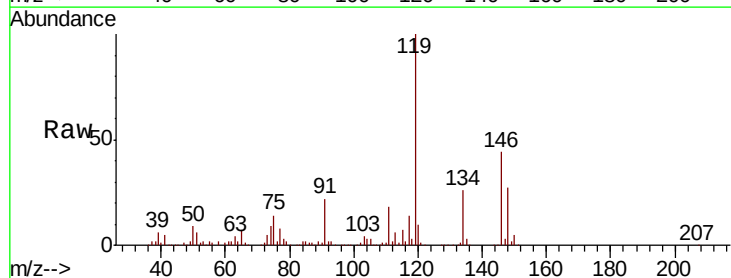
Tgt Ion:119 Resp: 164859

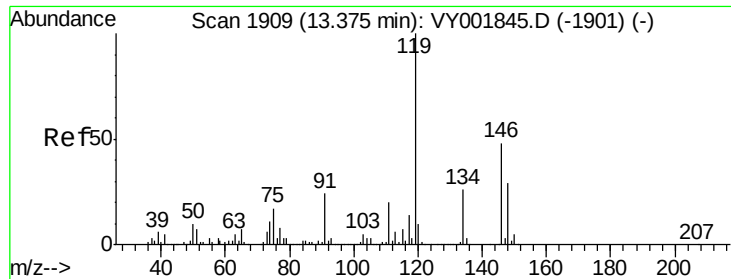
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.6 11.9 35.7





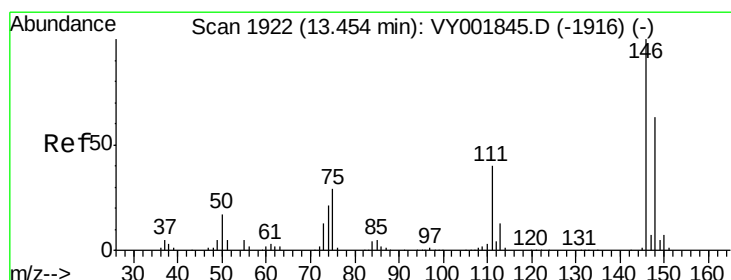
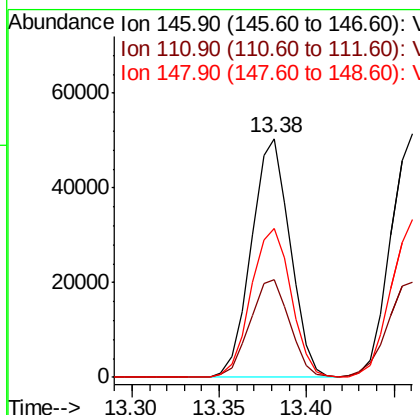
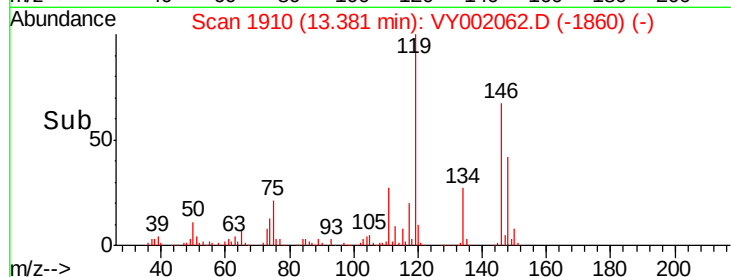
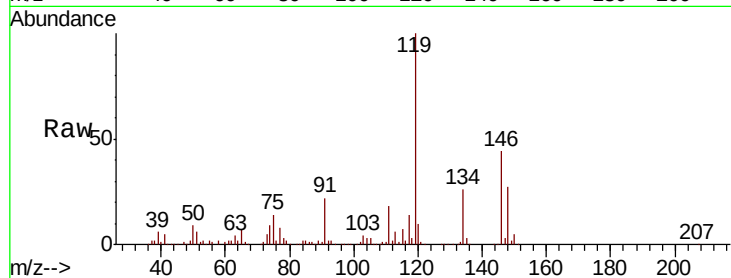
#87
 1,3-Dichlorobenzene
 Concen: 20.497 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.5
148	64.5	31.4	94.0

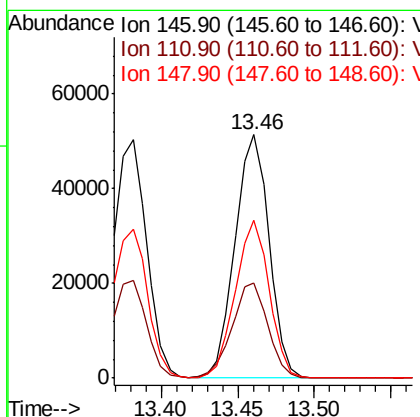
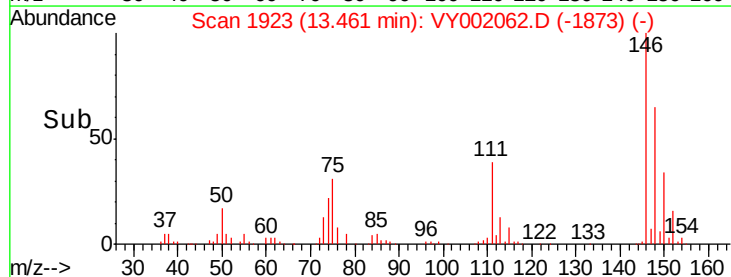
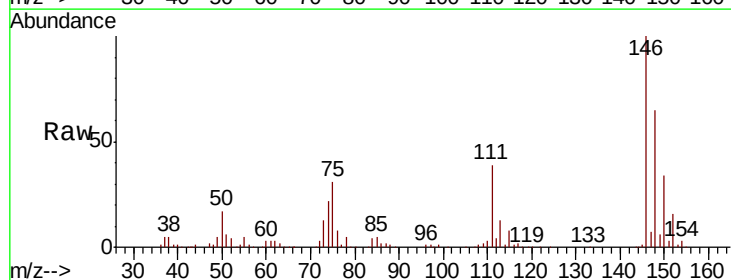
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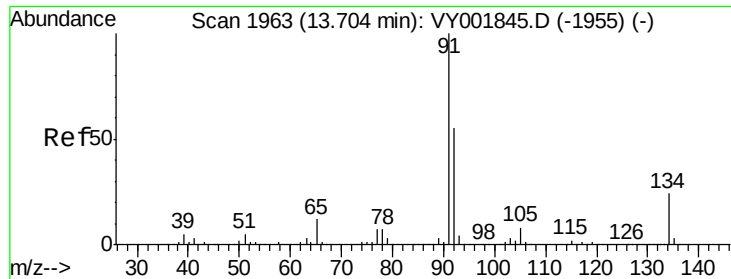
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#88
 1,4-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002062.D
 Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	64.5	31.5	94.5





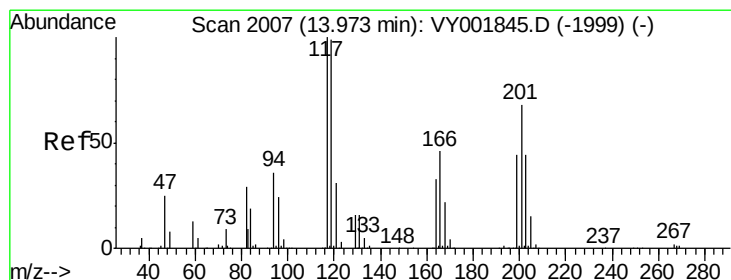
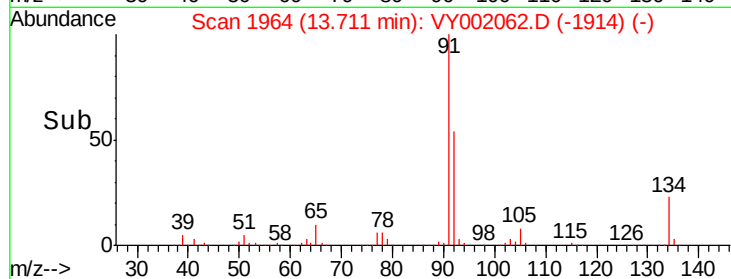
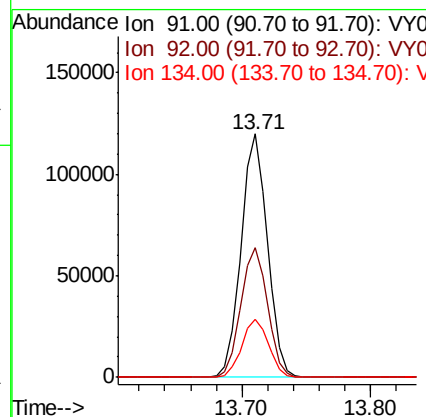
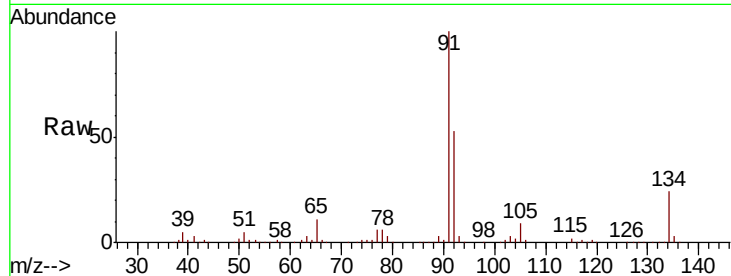
#89
n-Butylbenzene
Concen: 20.575 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.4
134	24.2	12.5	37.5

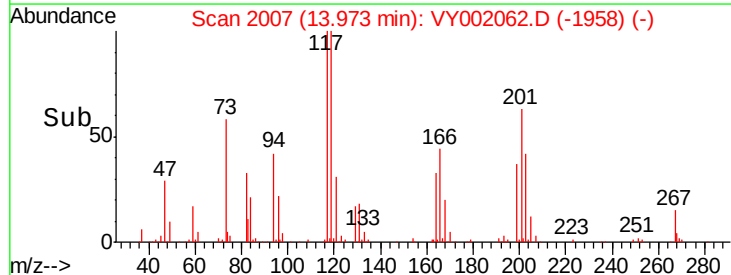
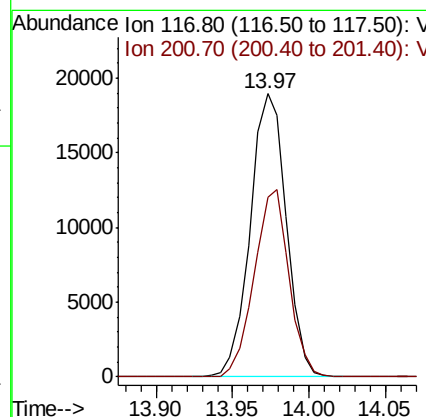
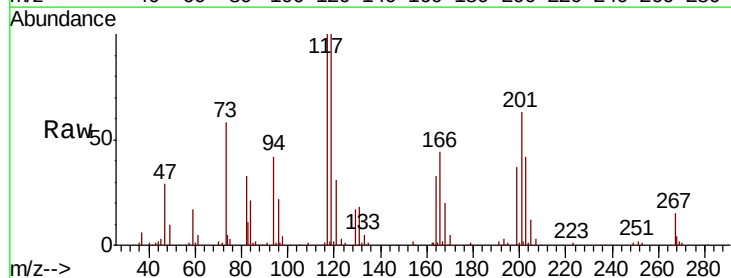
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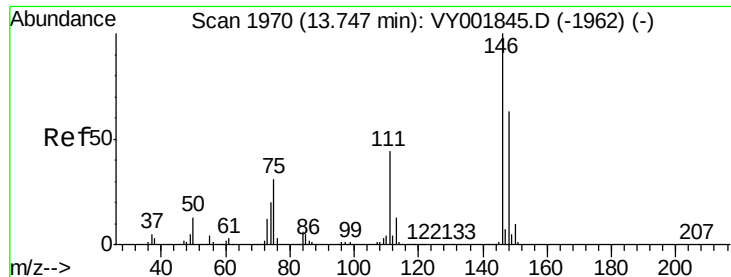
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#90
Hexachloroethane
Concen: 20.698 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.9	32.5	97.5





#91

1,2-Dichlorobenzene

Concen: 20.340 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

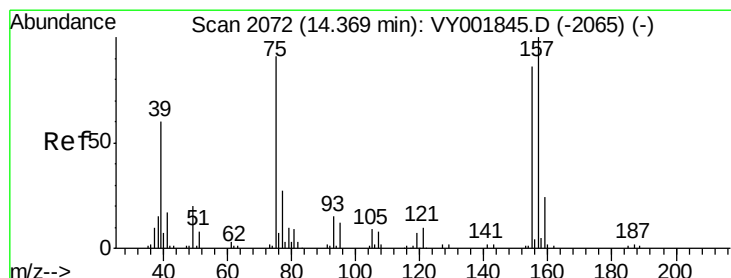
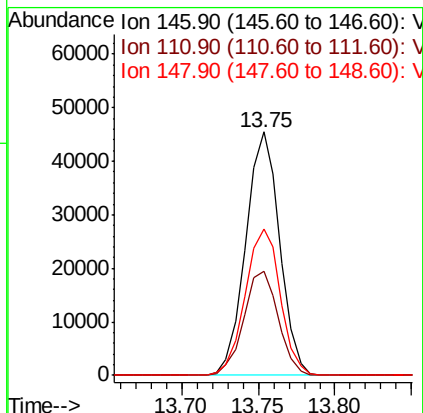
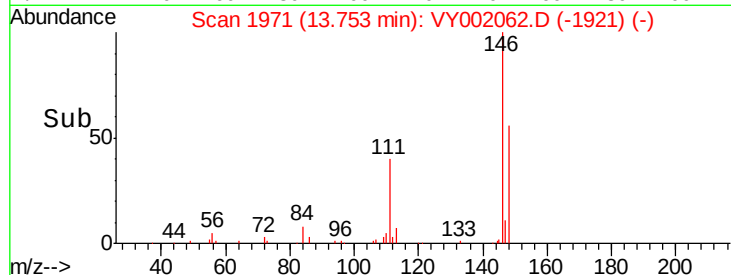
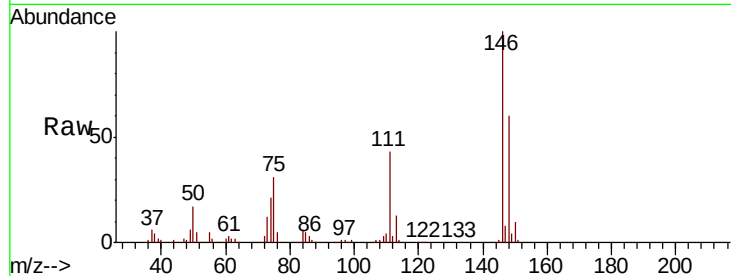
ClientSampleId :

VY0325SBS01

Tot Ion:	146	Resp:	70080
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.5	64.5
148	62.4	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.941 ug/l

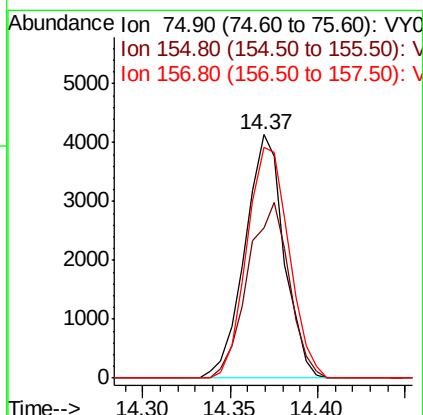
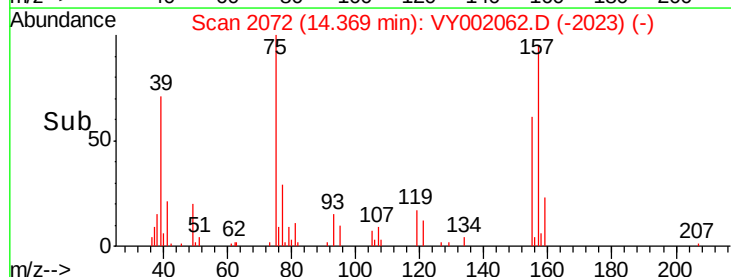
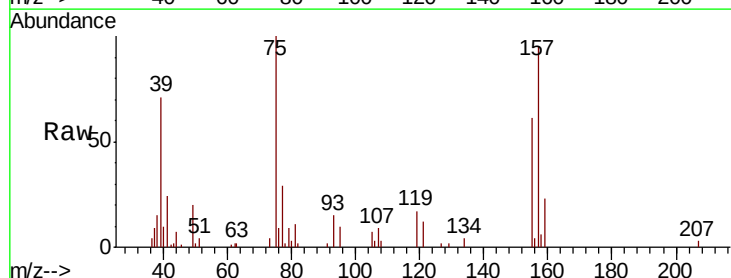
RT: 14.37 min Scan# 2072

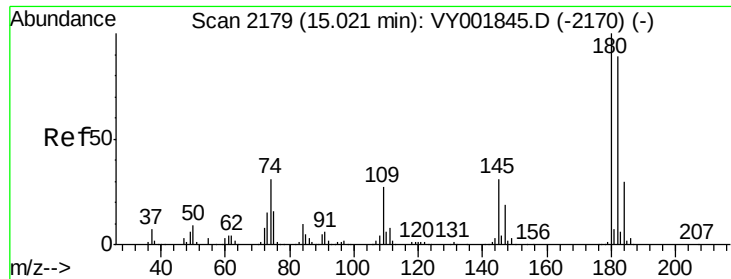
Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion:	75	Resp:	6437
Ion	Ratio	Lower	Upper
75	100		
155	76.6	42.9	128.7
157	101.7	53.1	159.4





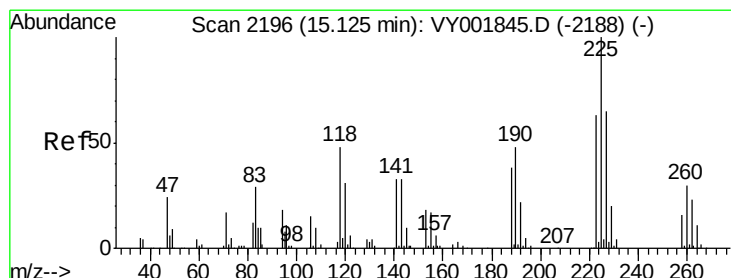
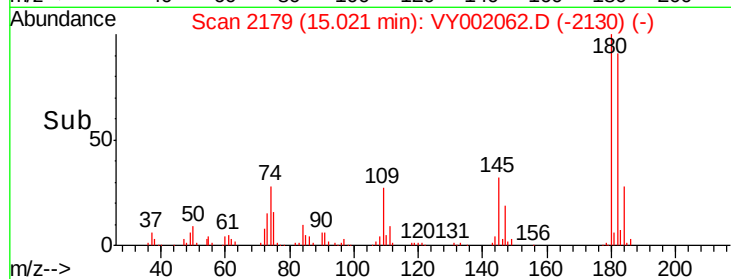
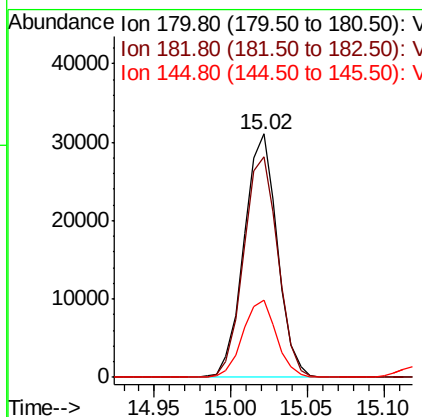
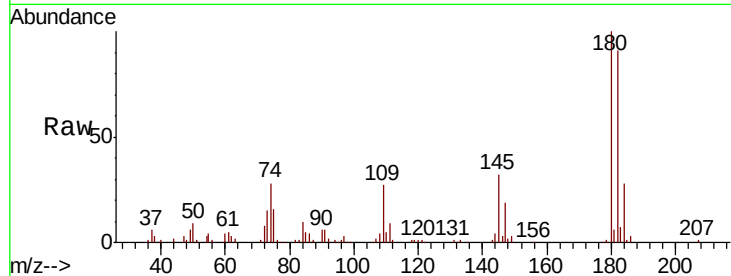
#93
1,2,4-Trichlorobenzene
Concen: 20.992 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.1	138.3
145	31.8	15.6	46.8

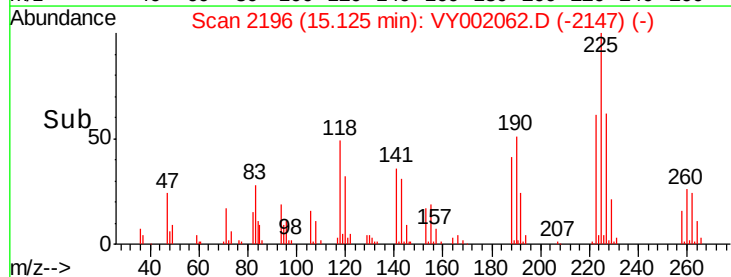
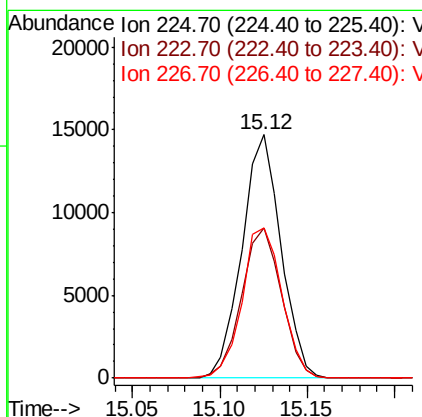
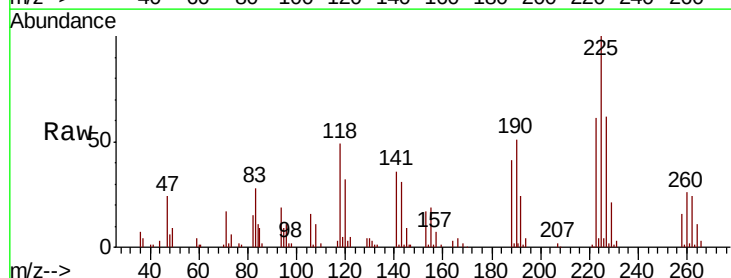
Manual Integrations
APPROVED

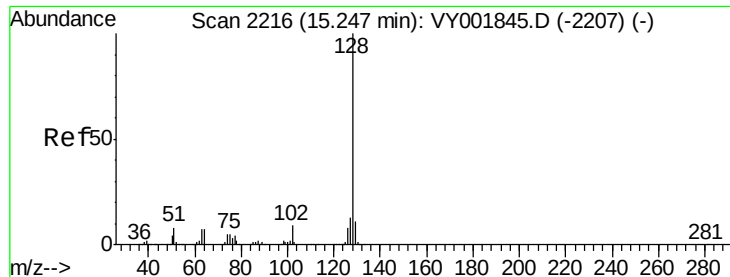
apatel
3/26/2020 10:58:57 AM



#94
Hexachlorobutadiene
Concen: 20.980 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY002062.D
Acq: 25 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	62.9	31.9	95.5





#95

Naphthalene

Concen: 19.797 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Instrument :

MSVOA_Y

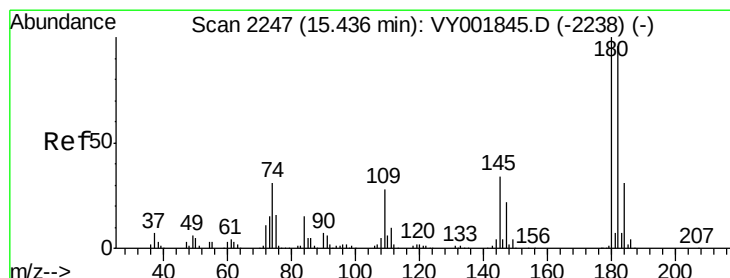
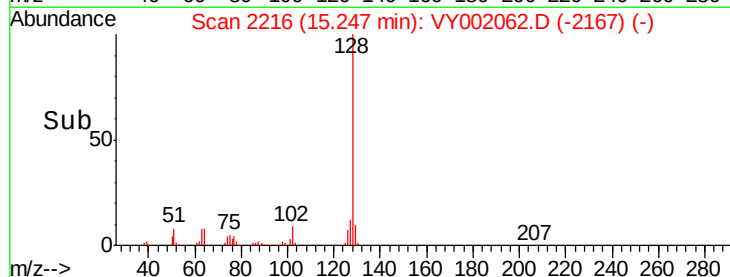
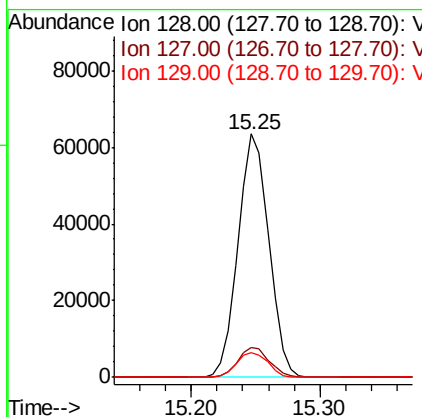
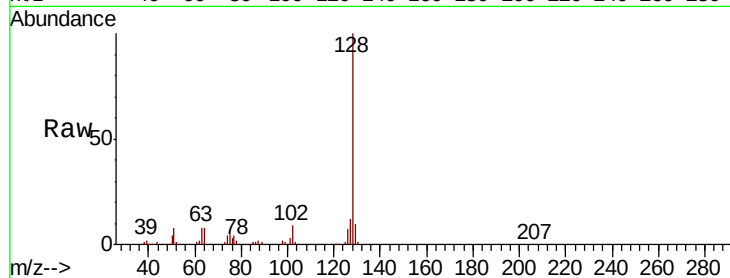
ClientSampleId :

VY0325SBS01

Tot Ion:	128	Resp:	104922
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
3/26/2020 10:58:57 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.403 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002062.D

Acq: 25 Mar 2020 13:32

Tgt Ion:	180	Resp:	40161
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.6	142.9
145	33.1	16.8	50.3

