

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001735.D
 Acq On : 21 Feb 2020 12:29
 Operator : SY/MD
 Sample : VY0221SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:09:39 AM

Quant Time: Feb 22 04:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	200865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	355635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	320000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	103169	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.75	113	95488	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.20	98	399707	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.50	95	143354	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	34340	17.538	ug/l	100
3) Chloromethane	2.13	50	47363	17.984	ug/l	97
4) Vinyl Chloride	2.27	62	49064	18.471	ug/l	98
5) Bromomethane	2.66	94	31952	19.247	ug/l	99
6) Chloroethane	2.82	64	30843	18.843	ug/l	94
7) Trichlorofluoromethane	3.15	101	66118	19.448	ug/l	97
8) Diethyl Ether	3.56	74	25901	19.326	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	42439	19.861	ug/l	100
10) Methyl Iodide	4.13	142	47930	18.327	ug/l	100
11) Tert butyl alcohol	5.00	59	32851	117.859	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	42445	19.475	ug/l	98
13) Acrolein	3.77	56	19818	90.821	ug/l	96
14) Allyl chloride	4.52	41	77496	19.980	ug/l	99
15) Acrylonitrile	5.22	53	69012	100.460	ug/l	99
16) Acetone	3.99	43	64209	85.888	ug/l	94
17) Carbon Disulfide	4.23	76	136603	18.774	ug/l	99
18) Methyl Acetate	4.52	43	33712	20.707	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118473	19.524	ug/l	96
20) Methylene Chloride	4.76	84	54633	20.574	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	48703	19.586	ug/l	97
22) Diisopropyl ether	6.16	45	159735	20.053	ug/l	96
23) Vinyl Acetate	6.10	43	508202	97.810	ug/l	100
24) 1,1-Dichloroethane	6.07	63	84532	19.856	ug/l	99
25) 2-Butanone	7.03	43	95633	94.167	ug/l	98
26) 2,2-Dichloropropane	7.02	77	72634	19.610	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	54301	19.784	ug/l	100
28) Bromochloromethane	7.37	49	33710	19.008	ug/l	98
29) Tetrahydrofuran	7.38	42	59555	97.022	ug/l	99
30) Chloroform	7.54	83	80725	19.406	ug/l	98
31) Cyclohexane	7.82	56	89230	19.658	ug/l #	92
32) 1,1,1-Trichloroethane	7.74	97	70059	20.038	ug/l	99
36) 1,1-Dichloropropene	7.95	75	67411	19.844	ug/l	100
37) Ethyl Acetate	7.11	43	40202	19.828	ug/l	99
38) Carbon Tetrachloride	7.93	117	57712	19.342	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	88702	19.682	ug/l	99
40) Benzene	8.19	78	199336	19.952	ug/l	99
41) Methacrylonitrile	7.36	41	21286m	20.909	ug/l	
42) 1,2-Dichloroethane	8.27	62	54149	19.895	ug/l	99
43) Isopropyl Acetate	8.30	43	75760	19.694	ug/l	100
44) Trichloroethene	8.96	130	49698	19.927	ug/l	94
45) 1,2-Dichloropropane	9.24	63	51140	20.439	ug/l	98
46) Dibromomethane	9.33	93	26053	19.908	ug/l	100
47) Bromodichloromethane	9.52	83	62199	19.693	ug/l	98
48) Methyl methacrylate	9.31	41	34162	19.636	ug/l	99
49) 1,4-Dioxane	9.32	88	6510	352.199	ug/l #	95
51) 4-Methyl-2-Pentanone	10.09	43	194427	98.369	ug/l	99
52) Toluene	10.26	92	124136	19.919	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	69163	19.808	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	78992	19.656	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	37977	19.680	ug/l	99
56) Ethyl methacrylate	10.53	69	56617	19.557	ug/l	96
57) 1,3-Dichloropropane	10.81	76	68607	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	146775	125.277	ug/l	100
59) 2-Hexanone	10.85	43	141448	95.379	ug/l	98
60) Dibromochloromethane	11.00	129	40552	19.061	ug/l	99
61) 1,2-Dibromoethane	11.11	107	35273	19.332	ug/l	99
64) Tetrachloroethene	10.74	164	39651	19.738	ug/l	99
65) Chlorobenzene	11.53	112	128577	20.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	42576	19.756	ug/l	99
67) Ethyl Benzene	11.61	91	240486	20.284	ug/l	99
68) m/p-Xylenes	11.72	106	179163	40.454	ug/l	99
69) o-Xylene	12.05	106	85317	20.263	ug/l	97
70) Styrene	12.06	104	146360	20.002	ug/l	99
71) Bromoform	12.22	173	22964	18.645	ug/l #	99
73) Isopropylbenzene	12.34	105	228179	20.170	ug/l	99
74) N-amyl acetate	12.16	43	69954	19.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	47877	19.821	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	30781m	18.070	ug/l	
77) Bromobenzene	12.62	156	49209	20.066	ug/l	96
78) n-propylbenzene	12.69	91	282930	20.535	ug/l	99
79) 2-Chlorotoluene	12.77	91	156627	20.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	190113	20.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17243	19.204	ug/l	93
82) 4-Chlorotoluene	12.87	91	165994	20.367	ug/l	99
83) tert-Butylbenzene	13.09	119	158436	20.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	190999	20.459	ug/l	100
85) sec-Butylbenzene	13.27	105	234694	20.375	ug/l	100
86) p-Isopropyltoluene	13.38	119	203301	20.316	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	94620	19.894	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	95886	19.944	ug/l	99
89) n-Butylbenzene	13.71	91	210524	20.589	ug/l	99
90) Hexachloroethane	13.97	117	37133	19.695	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	87261	19.881	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	7658	19.210	ug/l	98

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ClientSampleId :
VY0221SBSD01

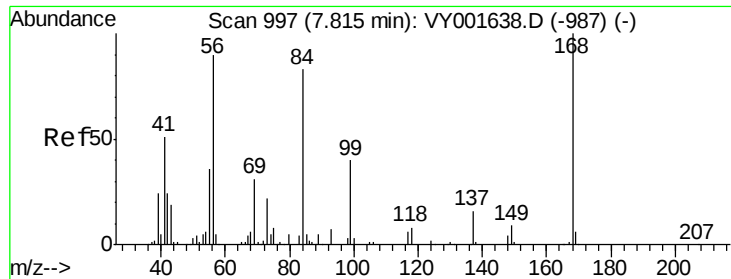
Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:09:39 AM

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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	58274	20.035	ug/l	100
94) Hexachlorobutadiene	15.12	225	28129	19.446	ug/l	100
95) Naphthalene	15.25	128	129389	19.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	50161	19.602	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion:168 Resp: 200865

Ion Ratio Lower Upper

168 100

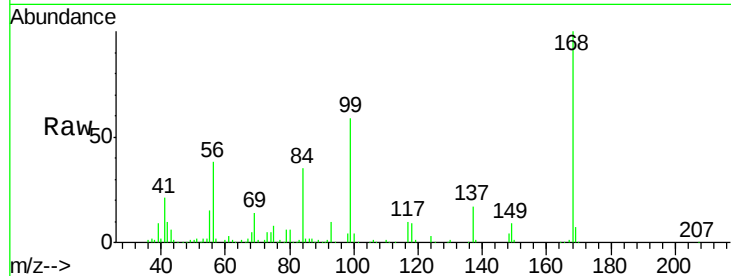
99 58.6 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001735.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001735.D (-948) (-)

7.82

100000

80000

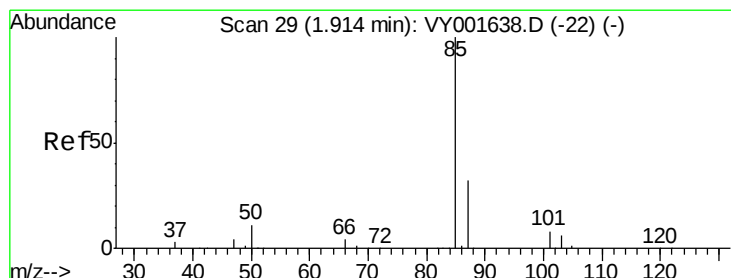
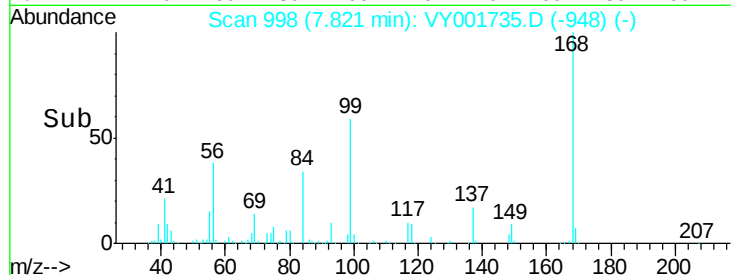
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 17.538 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001735.D

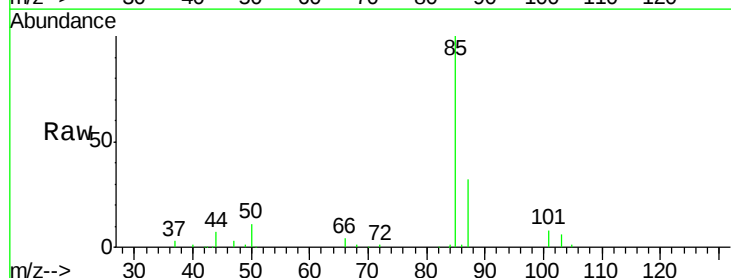
Acq: 21 Feb 2020 12:29

Tgt Ion: 85 Resp: 34340

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001735.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001735.D (-1) (-)

1.92

25000

20000

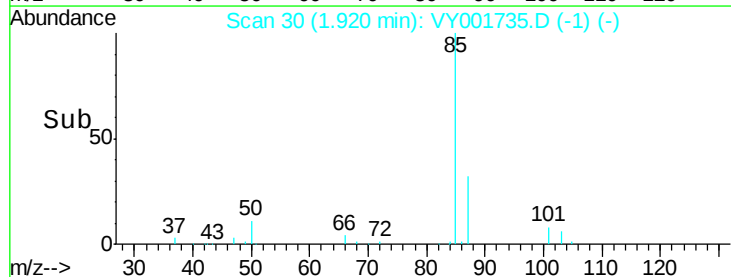
15000

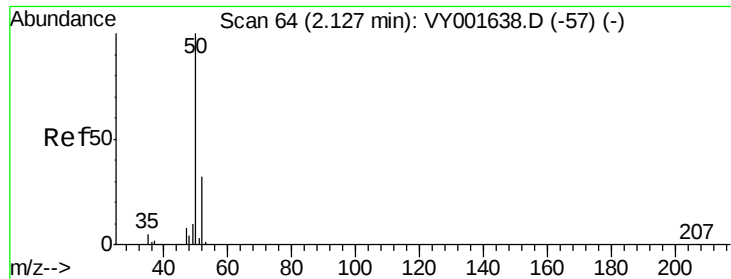
10000

5000

0

Time--> 1.85 1.90 1.95 2.00 2.05





#3

Chloromethane

Concen: 17.984 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 50 Resp: 47363

Ion Ratio Lower Upper

50 100

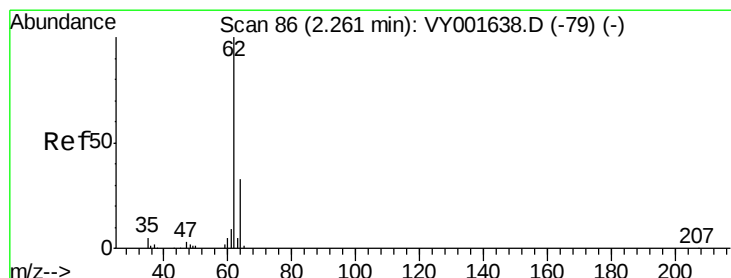
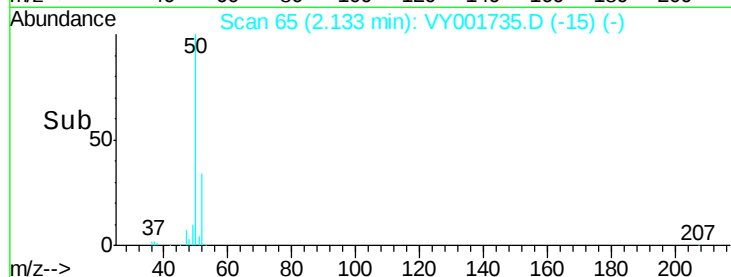
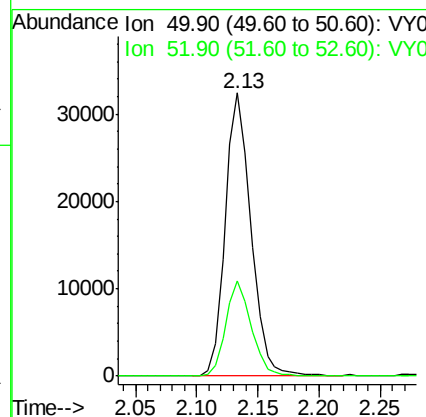
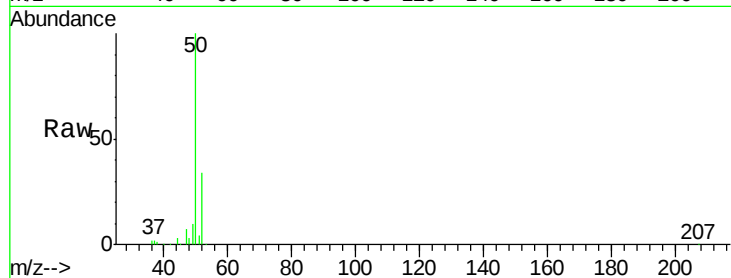
52 33.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.471 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001735.D

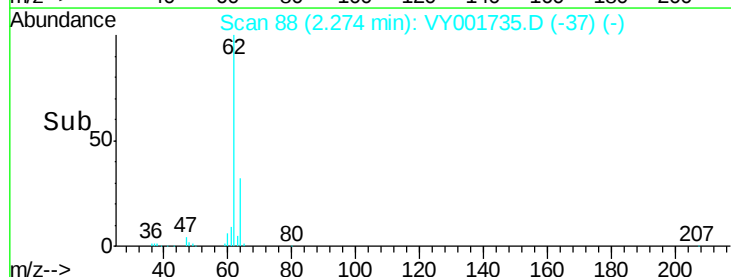
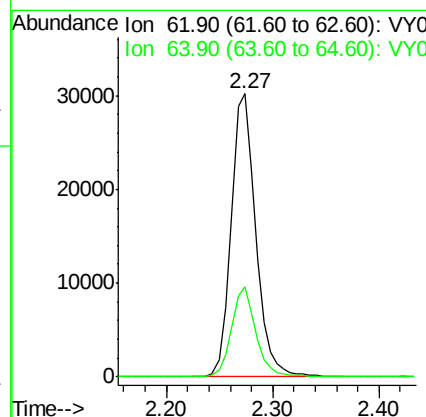
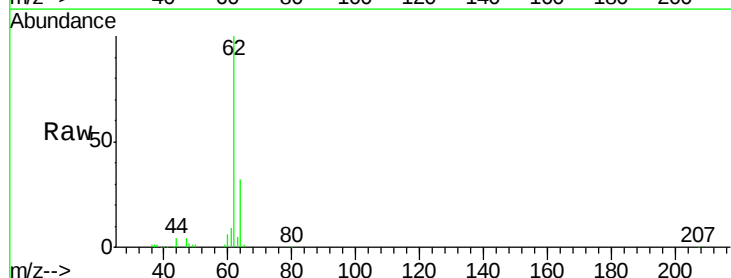
Acq: 21 Feb 2020 12:29

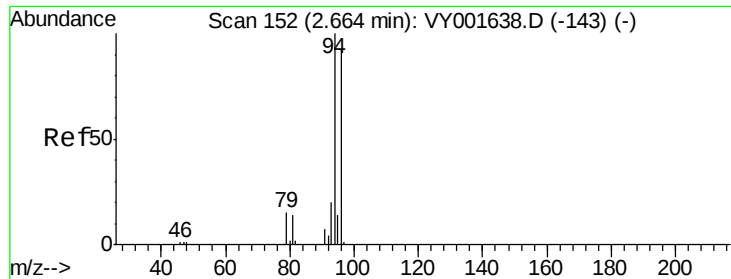
Tgt Ion: 62 Resp: 49064

Ion Ratio Lower Upper

62 100

64 32.0 24.9 37.3





#5

Bromomethane

Concen: 19.247 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

Tot Ion: 94 Resp: 31952

Ion Ratio Lower Upper

94 100

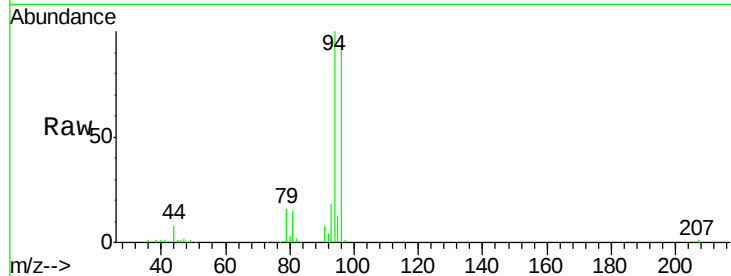
96 93.3 73.7 110.5

Manual Integrations

APPROVED

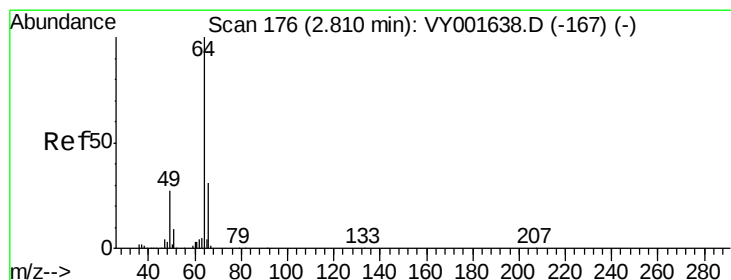
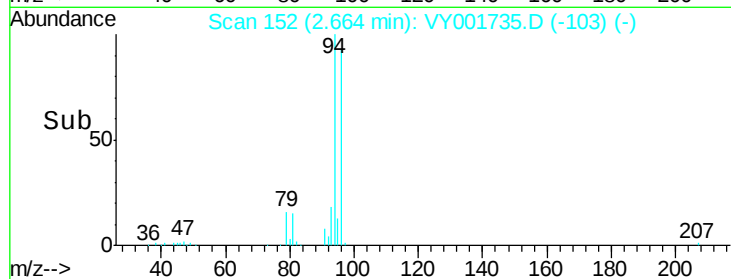
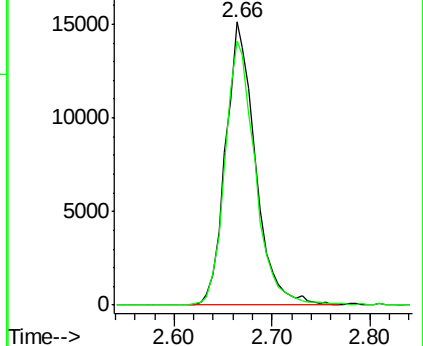
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.843 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001735.D

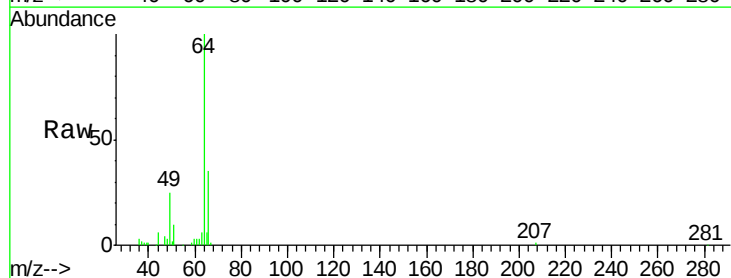
Acq: 21 Feb 2020 12:29

Tgt Ion: 64 Resp: 30843

Ion Ratio Lower Upper

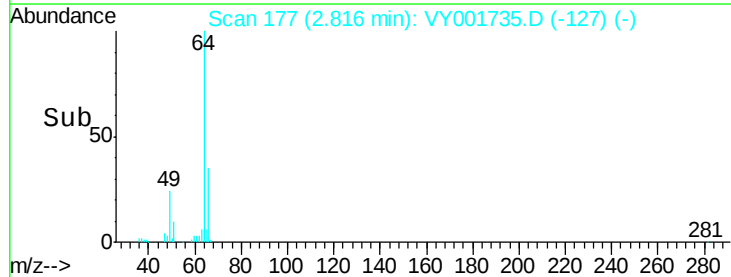
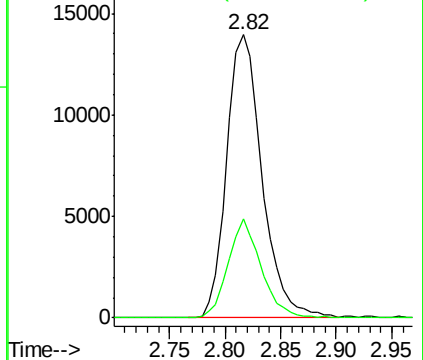
64 100

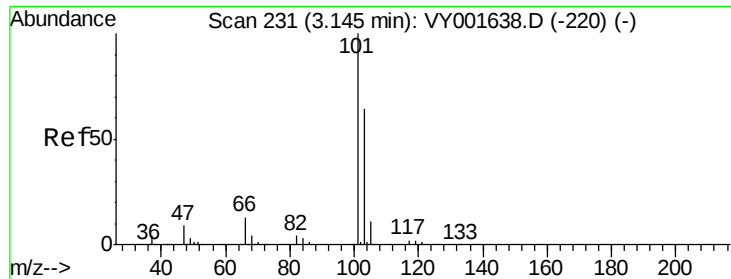
66 35.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

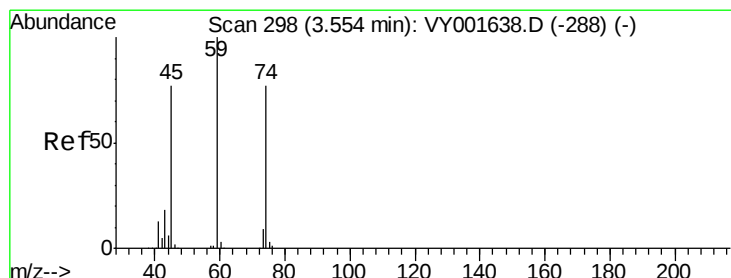
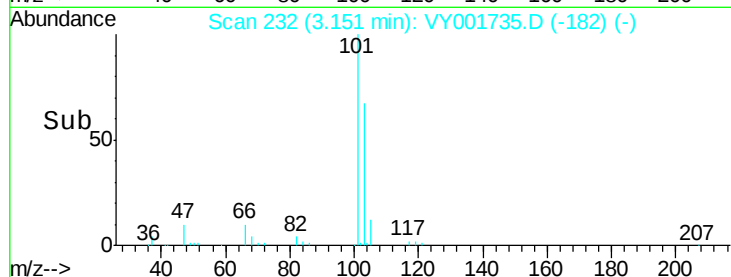
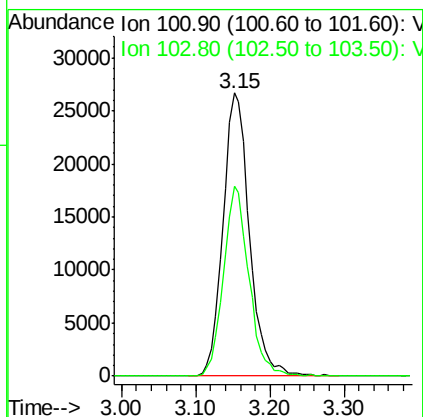
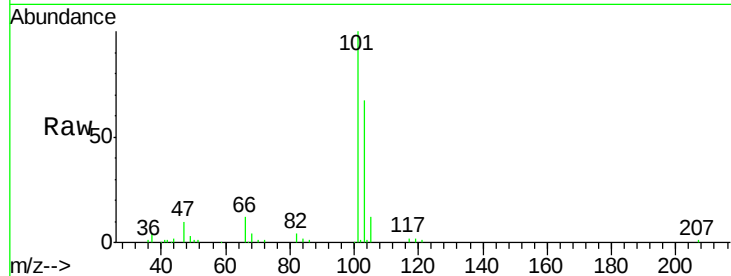
Trichlorofluoromethane
Concen: 19.448 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001735.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.2	78.2

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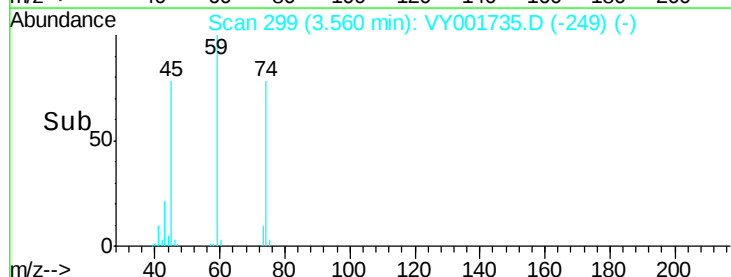
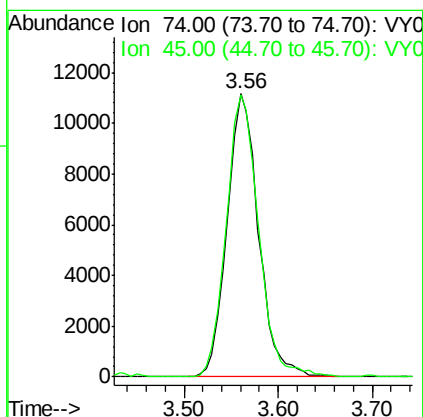
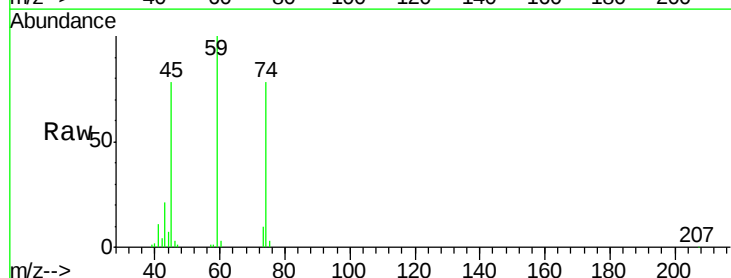
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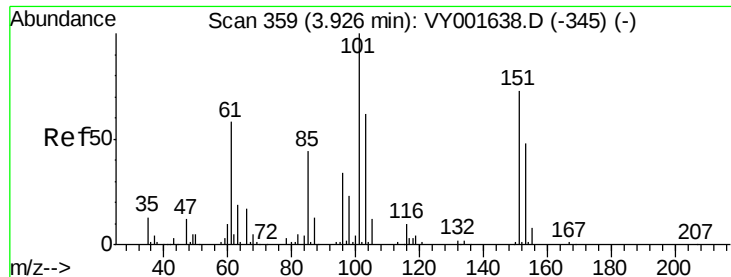


#8

Diethyl Ether
Concen: 19.326 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.861 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

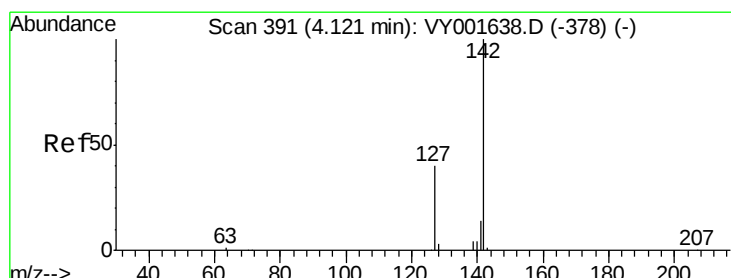
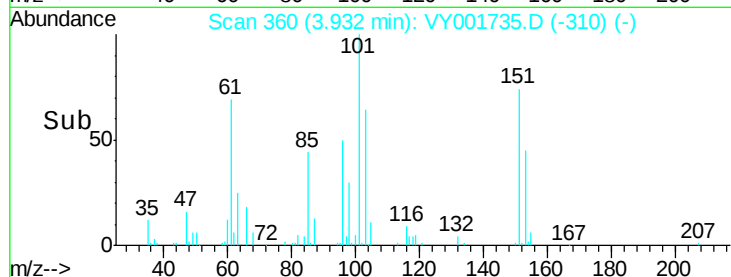
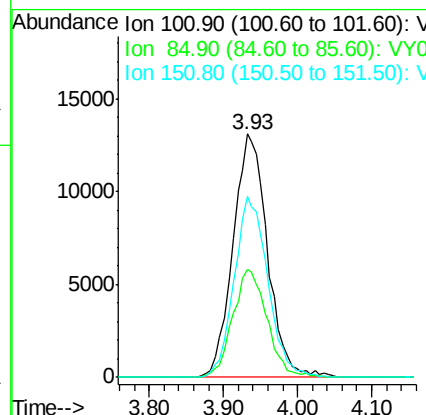
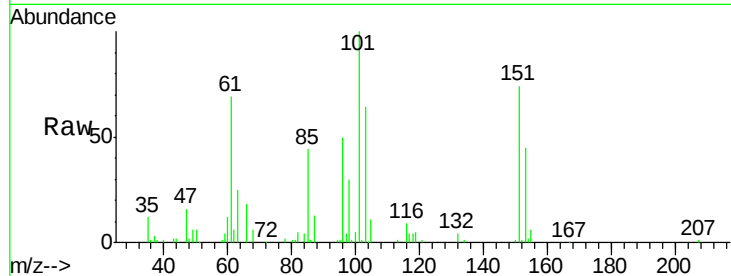
ClientSampleId :

VY0221SBS01

Tot Ion:	101	Resp:	42439
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.1	52.7
151	72.8	58.4	87.6

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#10

Methyl Iodide

Concen: 18.327 ug/l

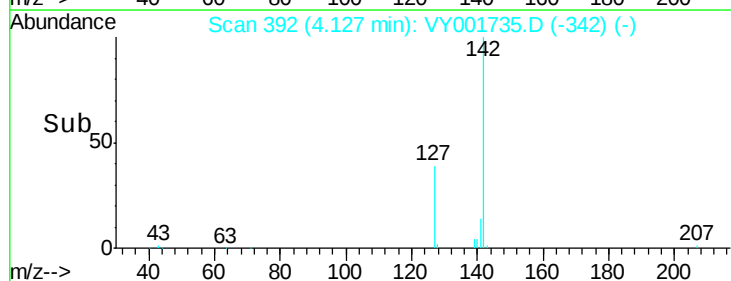
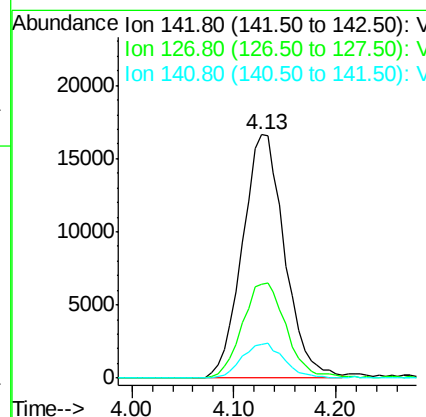
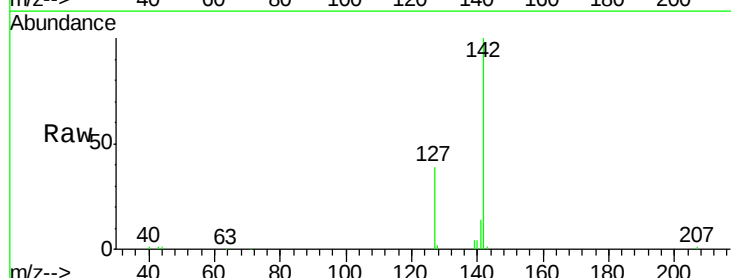
RT: 4.13 min Scan# 392

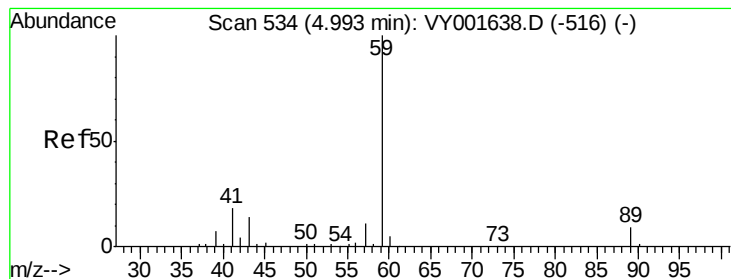
Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	142	Resp:	47930
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.1	48.1
141	14.2	11.3	16.9





#11

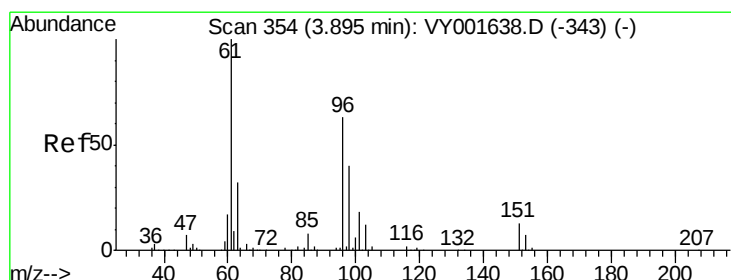
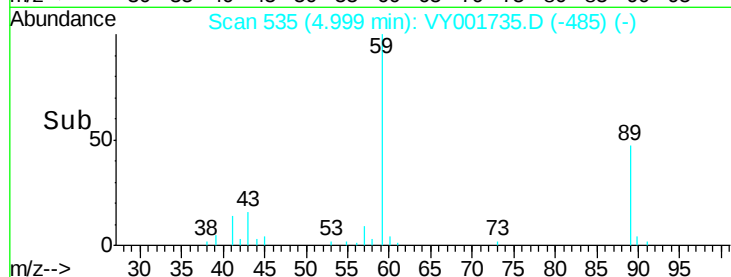
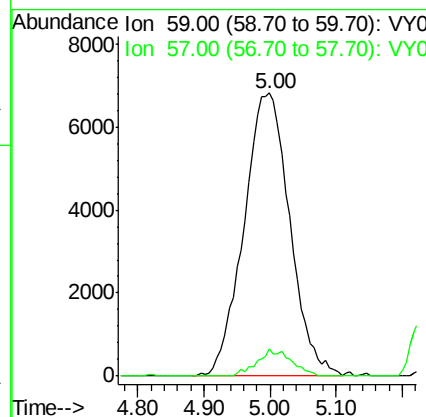
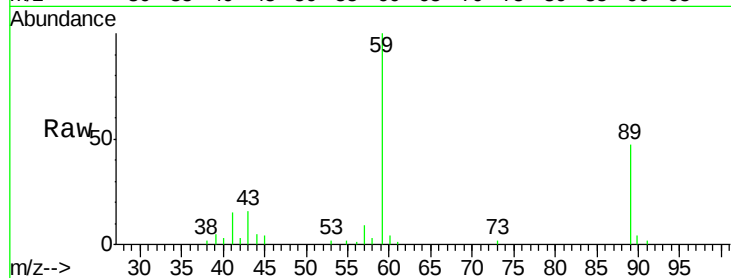
Tert butyl alcohol
Concen: 117.859 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.0	7.4	11.2#

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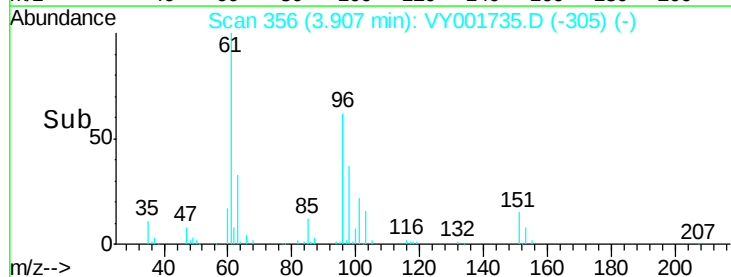
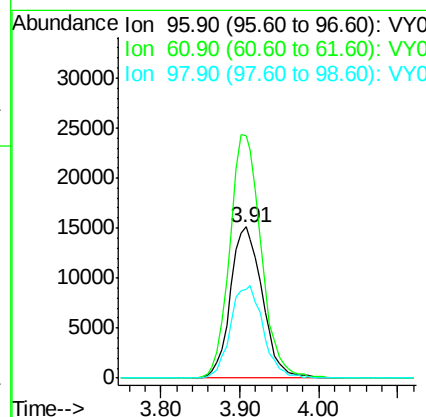
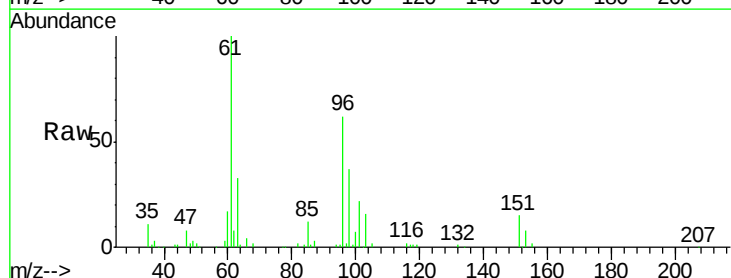
MMDadoda
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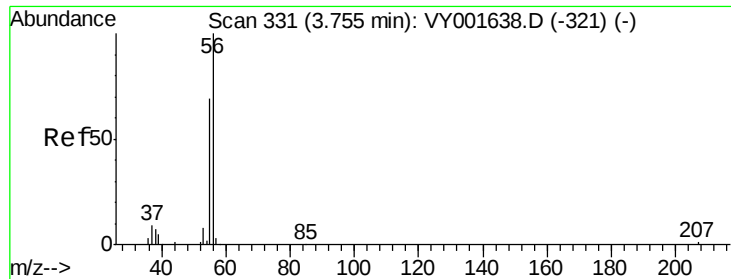


#12

1,1-Dichloroethene
Concen: 19.475 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	128.7	193.1
98	58.9	50.7	76.1





#13

Acrolein

Concen: 90.821 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 56 Resp: 19818

Ion Ratio Lower Upper

56 100

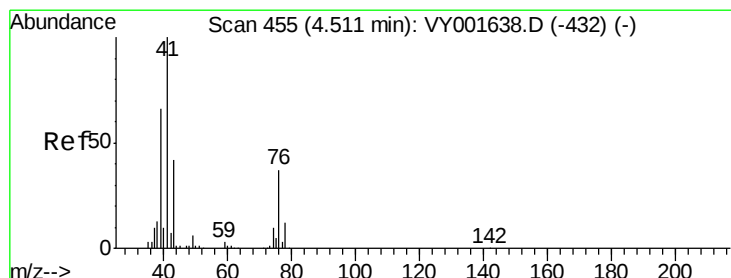
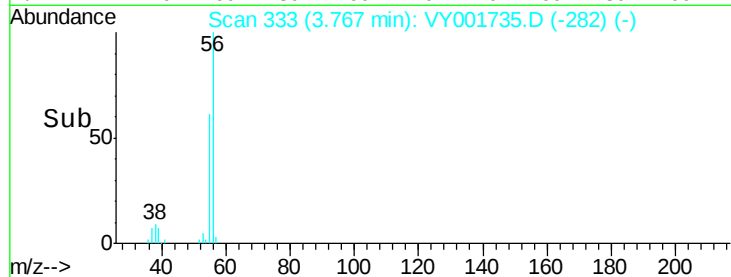
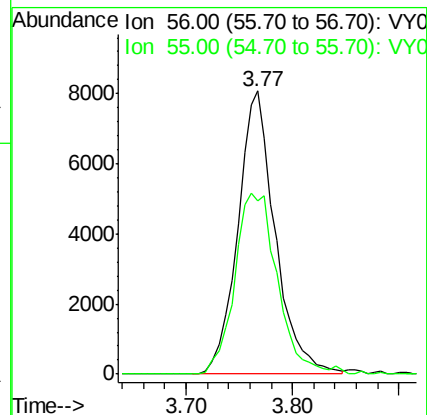
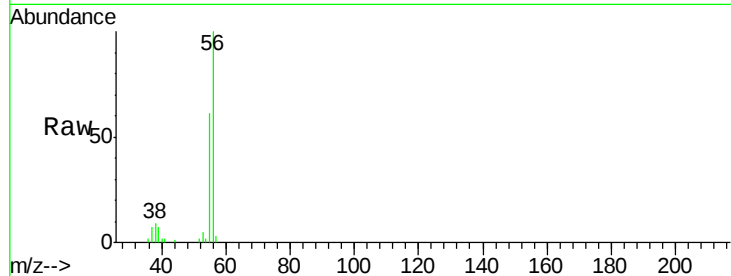
55 73.4 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.980 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

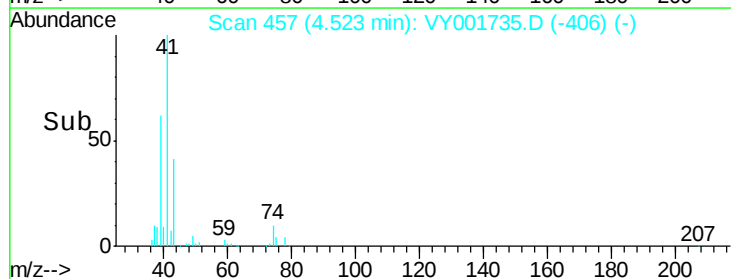
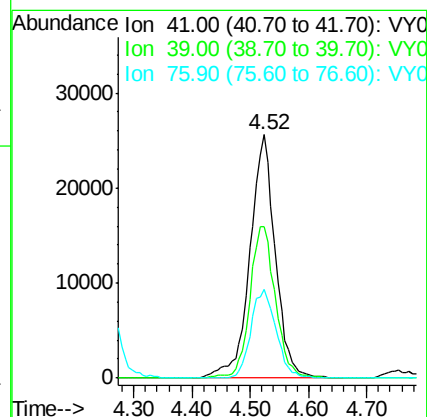
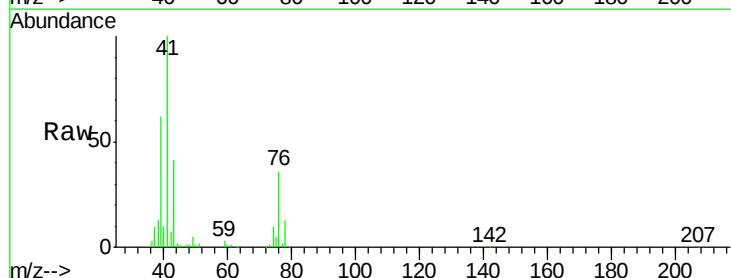
Tgt Ion: 41 Resp: 77496

Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.0

76 36.0 29.0 43.6





#15

Acrylonitrile

Concen: 100.460 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

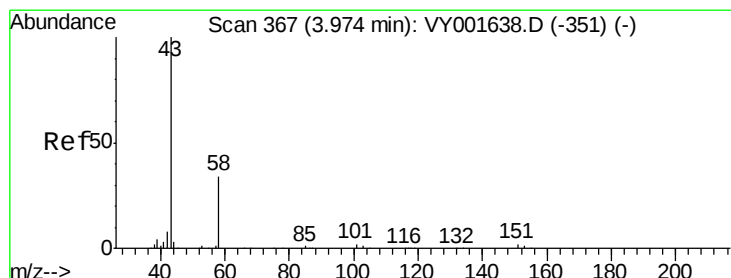
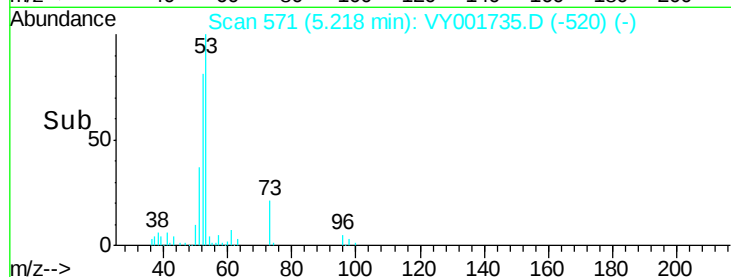
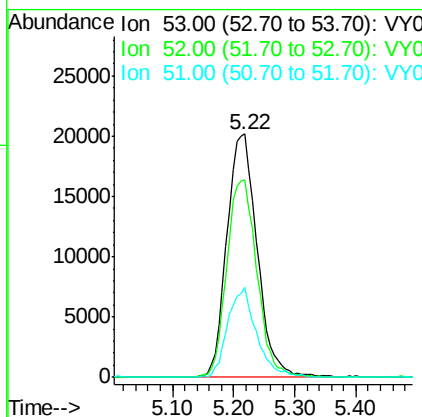
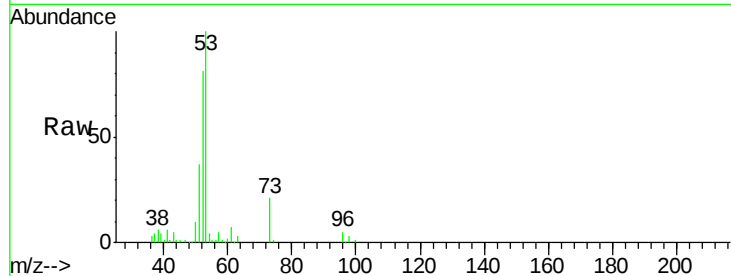
ClientSampleId :

VY0221SBSD01

Tot Ion:	53	Resp:	69012
Ion Ratio	Lower	Upper	
53	100		
52	80.3	65.4	98.0
51	35.0	28.0	42.0

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#16

Acetone

Concen: 85.888 ug/l

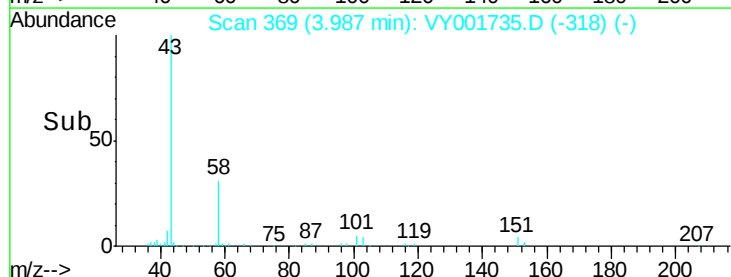
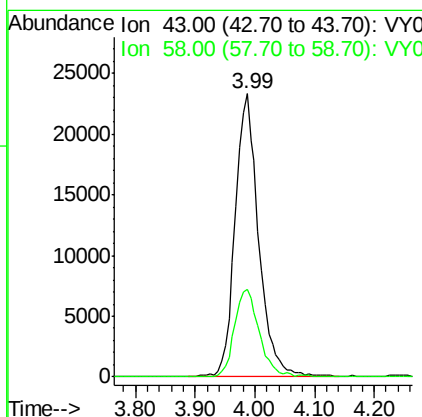
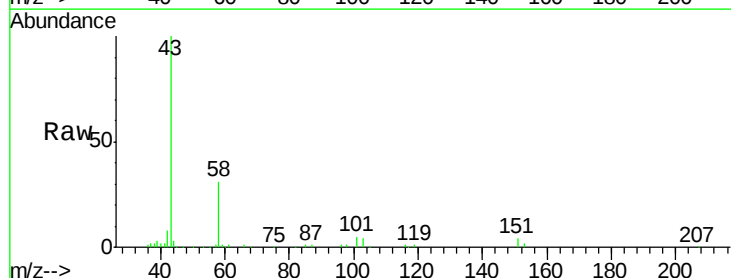
RT: 3.99 min Scan# 369

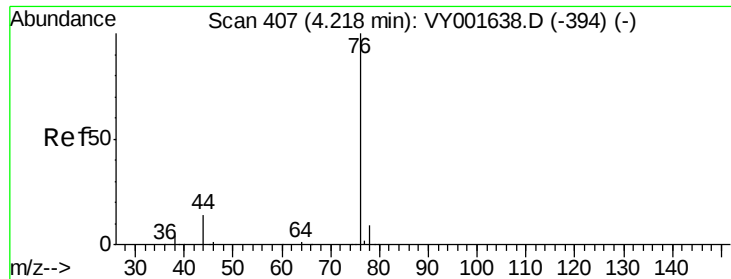
Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	43	Resp:	64209
Ion Ratio	Lower	Upper	
43	100		
58	30.7	27.3	40.9





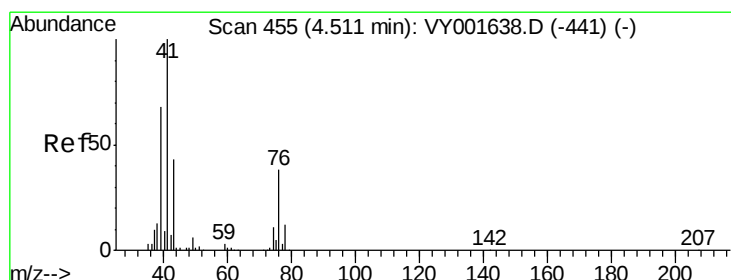
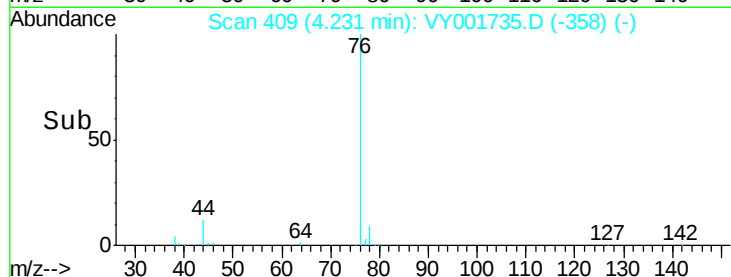
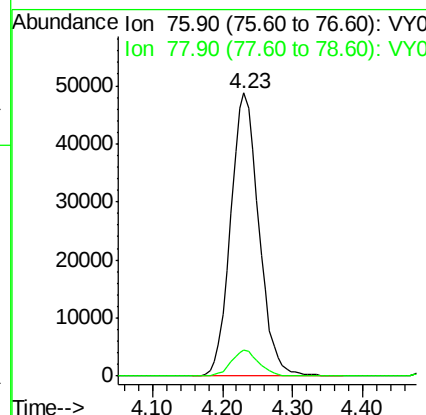
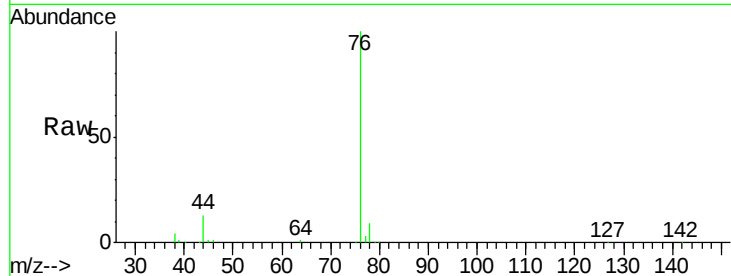
#17
Carbon Disulfide
Concen: 18.774 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

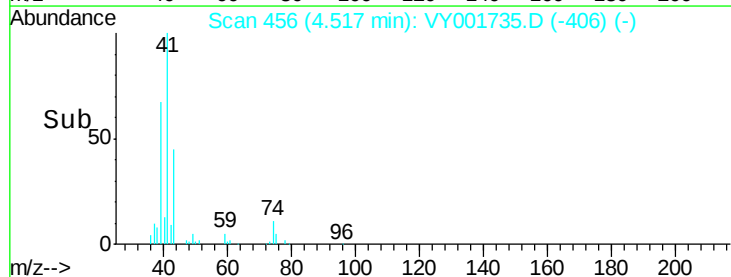
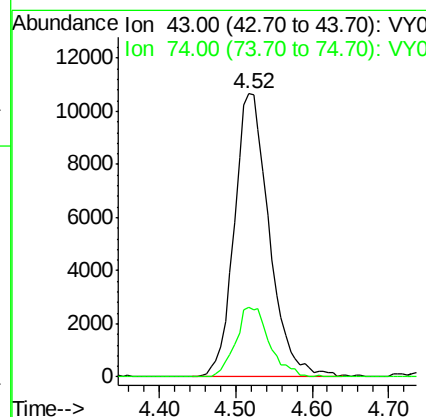
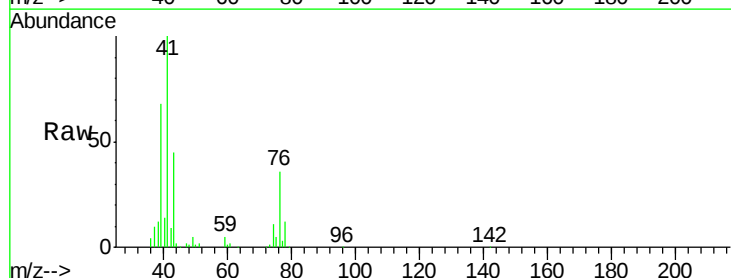
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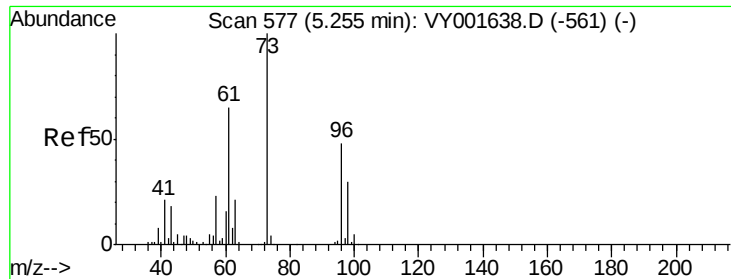
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#18
Methyl Acetate
Concen: 20.707 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.1	28.7





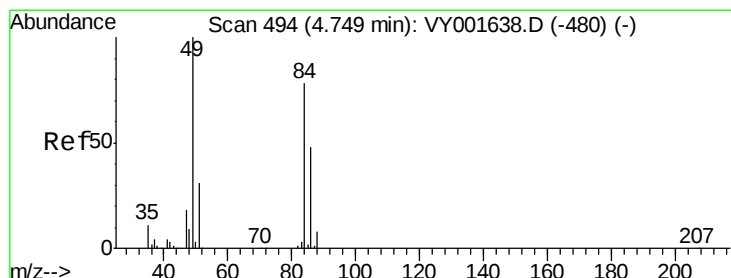
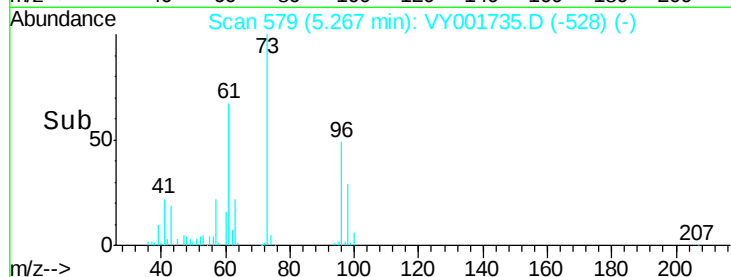
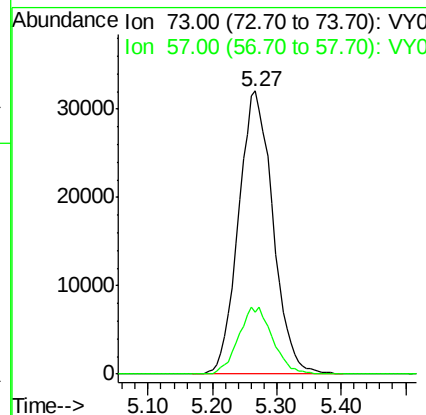
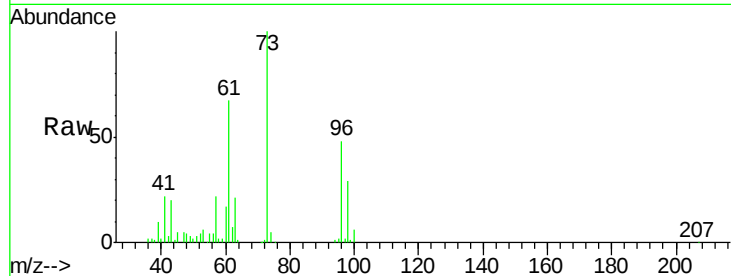
#19
Methvl tert-butvl Ether
Concen: 19.524 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion: 73 Resp: 118473
Ion Ratio Lower Upper
73 100
57 21.9 19.0 28.6

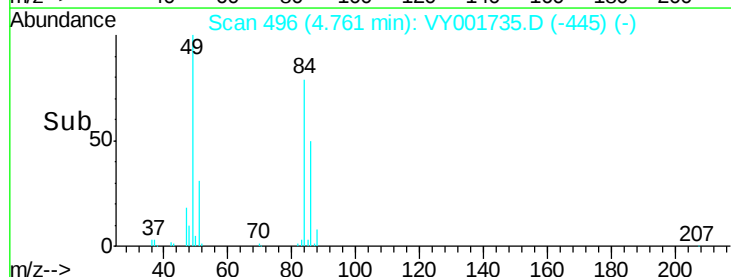
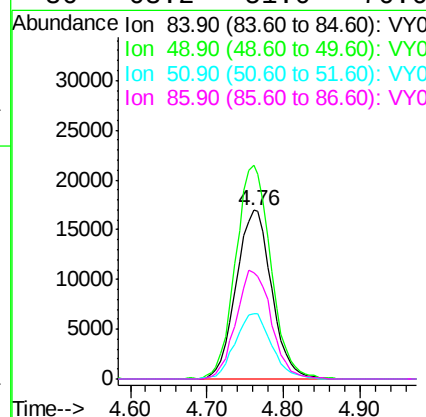
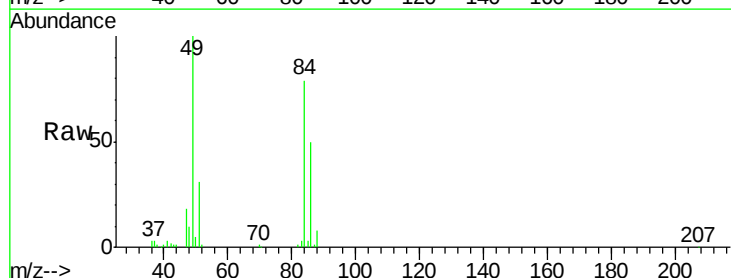
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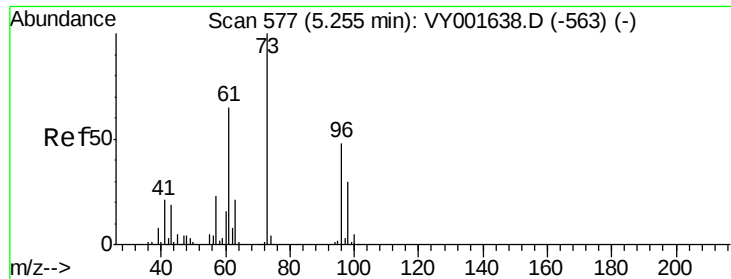
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#20
Methylene Chloride
Concen: 20.574 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 84 Resp: 54633
Ion Ratio Lower Upper
84 100
49 126.9 99.2 148.8
51 38.7 31.5 47.3
86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.586 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

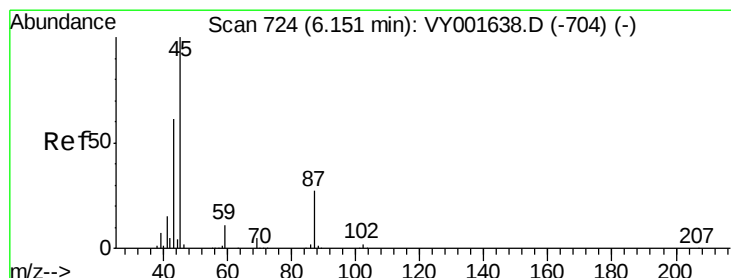
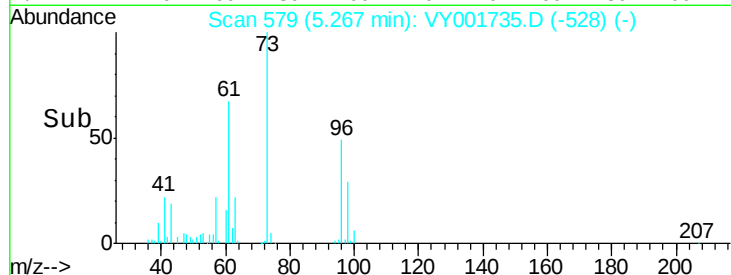
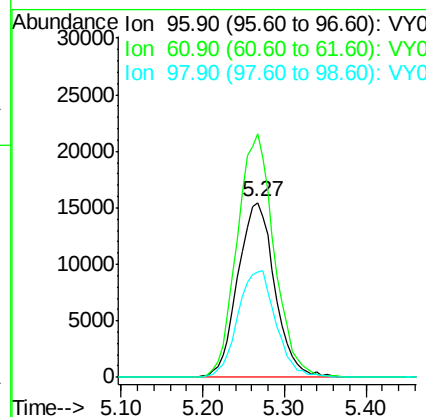
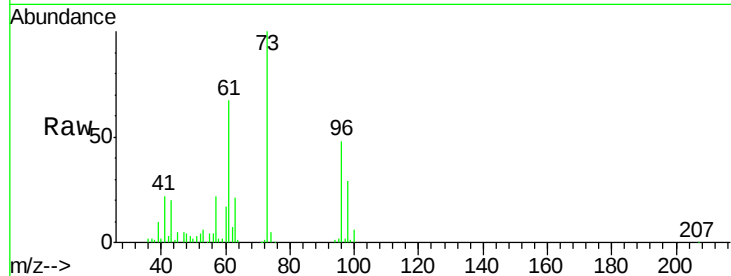
ClientSampleId :

VY0221SBS01

Tot Ion:	96	Resp:	48703
Ion	Ratio	Lower	Upper
96	100		
61	139.1	107.9	161.9
98	60.2	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.053 ug/l

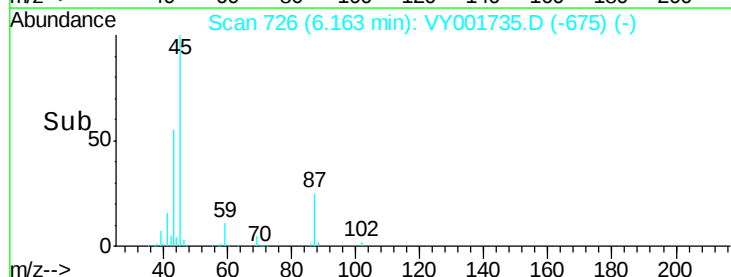
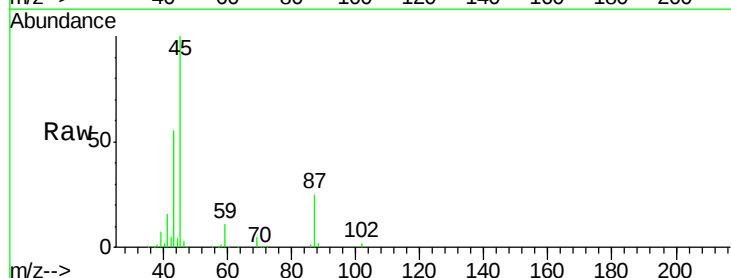
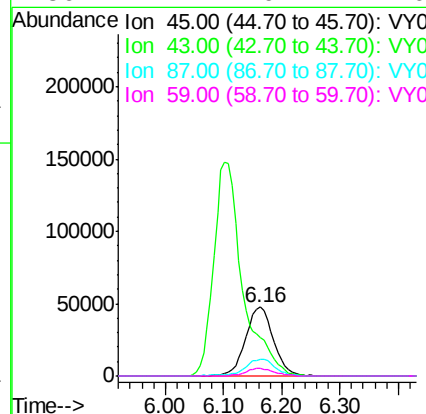
RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	45	Resp:	159735
Ion	Ratio	Lower	Upper
45	100		
43	55.0	46.4	69.6
87	25.0	22.1	33.1
59	11.2	9.4	14.0





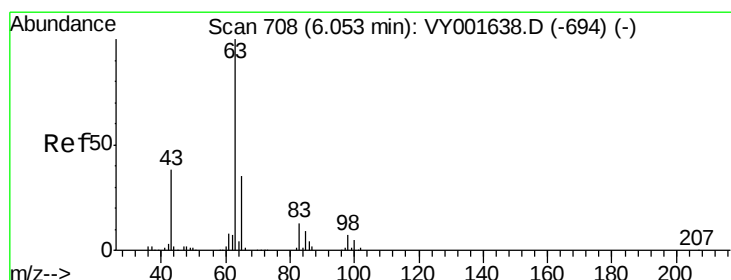
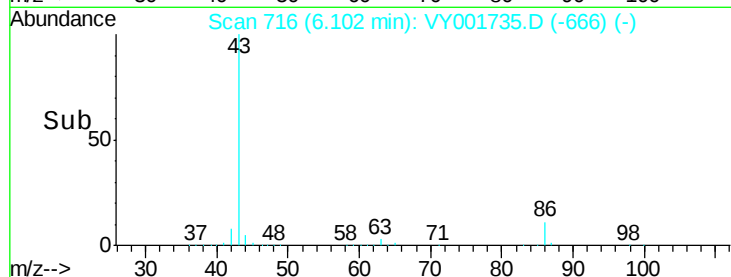
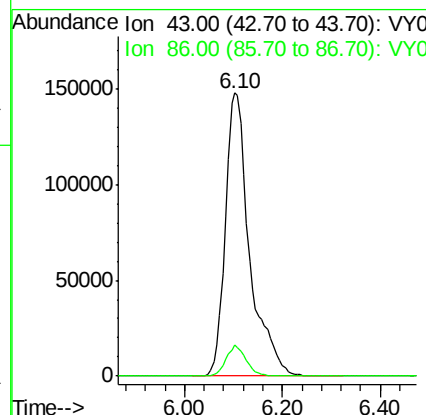
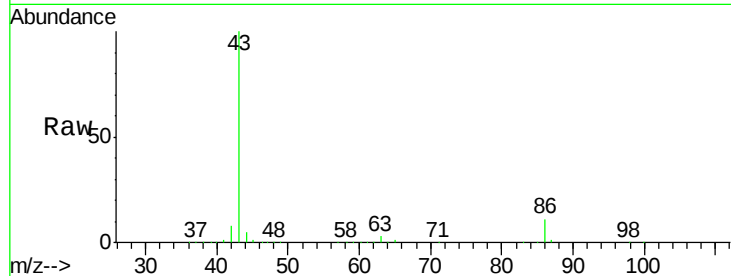
#23
 Vinyl Acetate
 Concen: 97.810 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

Tot Ion	43	Resp	508202
Ion Ratio	100	Lower	Upper
43	100		
86	11.1	8.8	13.2

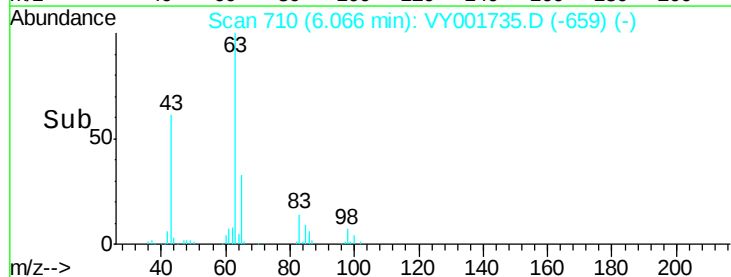
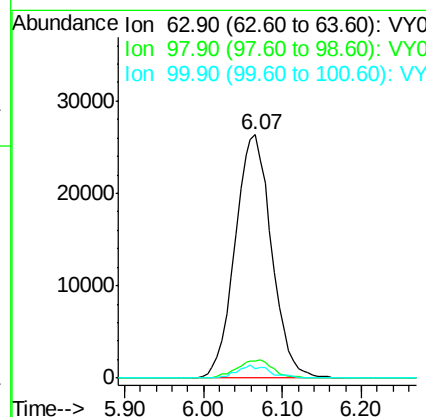
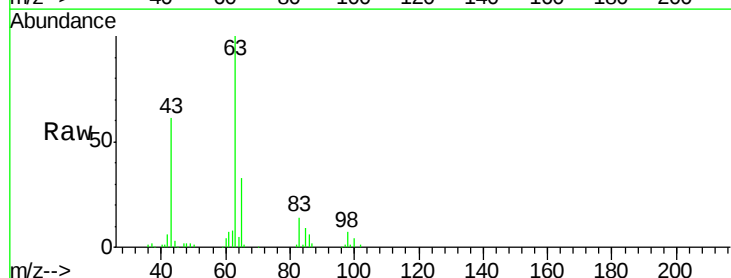
Manual Integrations
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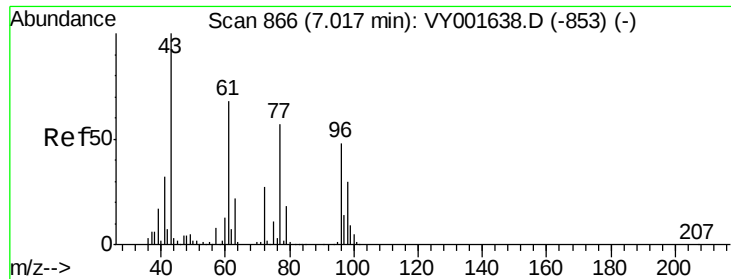
MMDadoda
 2/24/2020 11:09:39 AM



#24
 1,1-Dichloroethane
 Concen: 19.856 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion	63	Resp	84532
Ion Ratio	100	Lower	Upper
63	100		
98	7.2	3.4	10.2
100	4.0	2.3	6.9





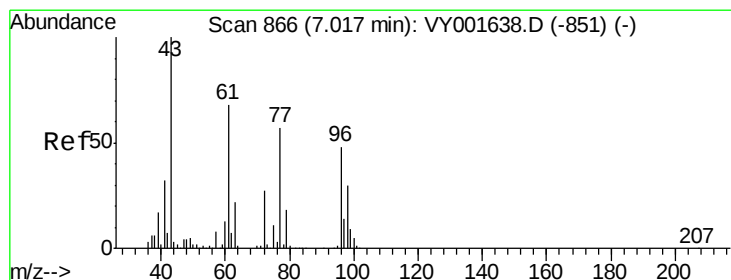
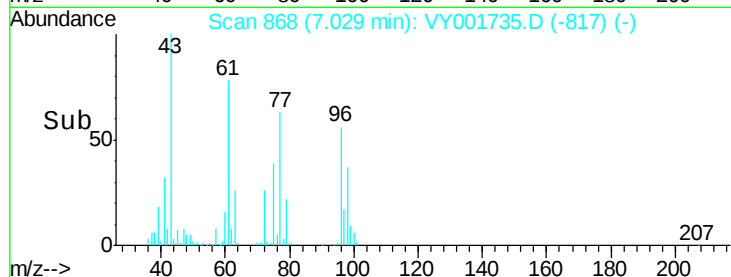
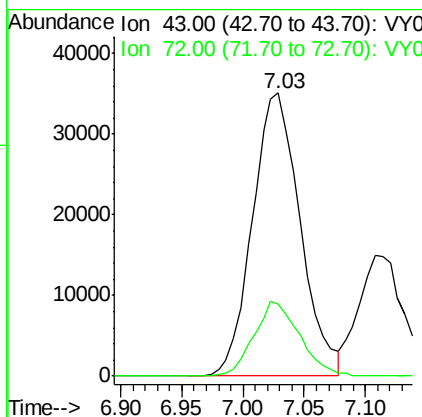
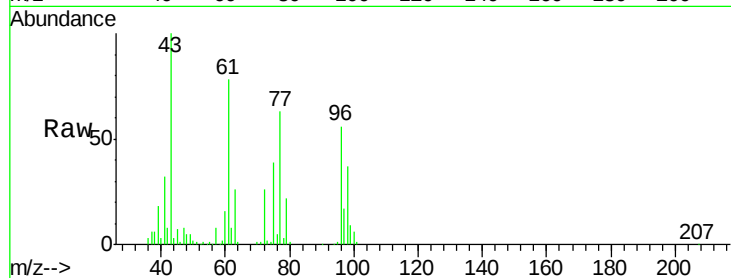
#25
2-Butanone
Concen: 94.167 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion: 43 Resp: 95633
Ion Ratio Lower Upper
43 100
72 25.7 21.2 31.8

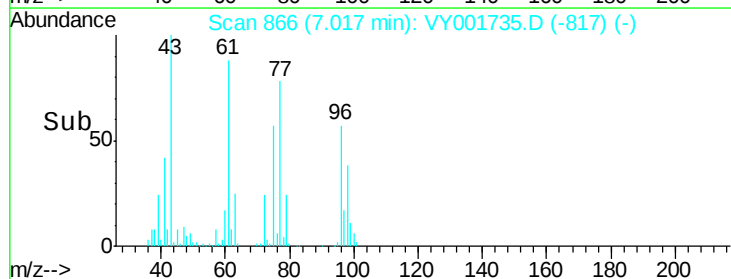
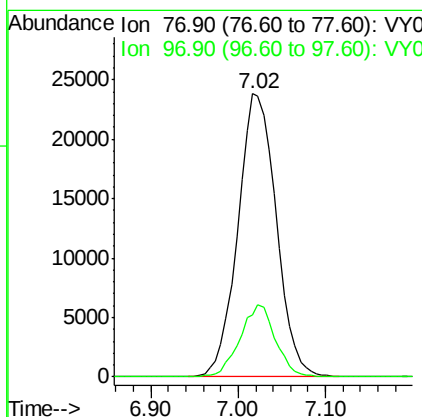
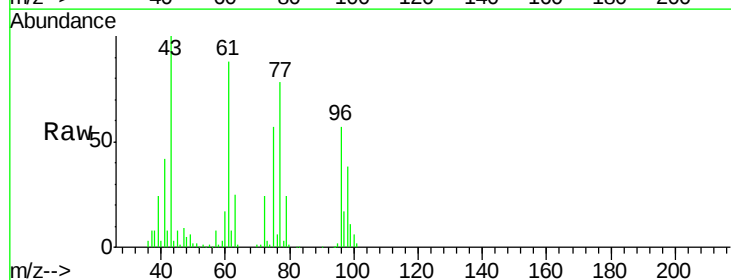
Manual Integrations
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2/24/2020 11:09:39 AM



#26
2,2-Dichloropropane
Concen: 19.610 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 77 Resp: 72634
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.4





#27

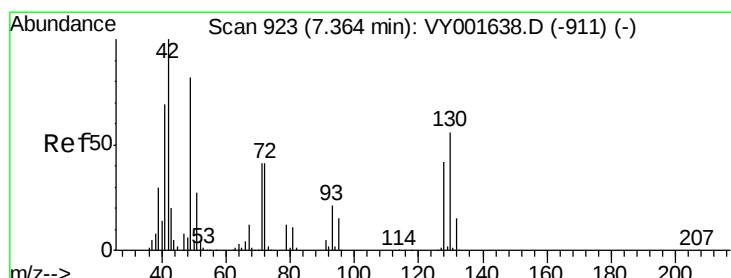
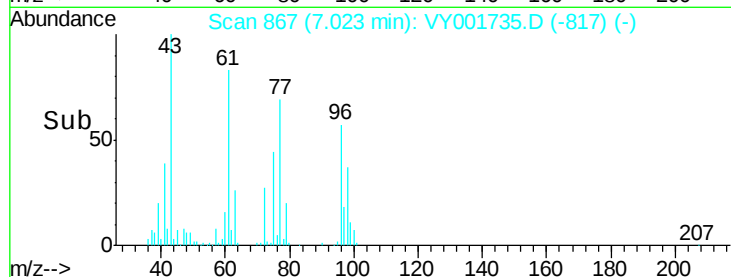
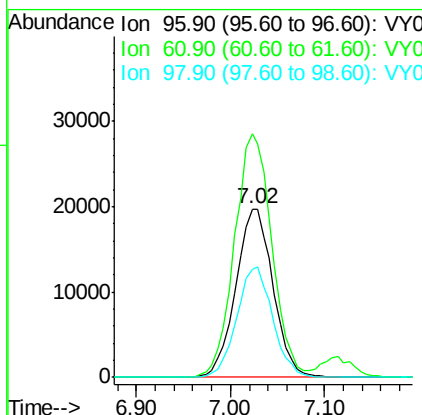
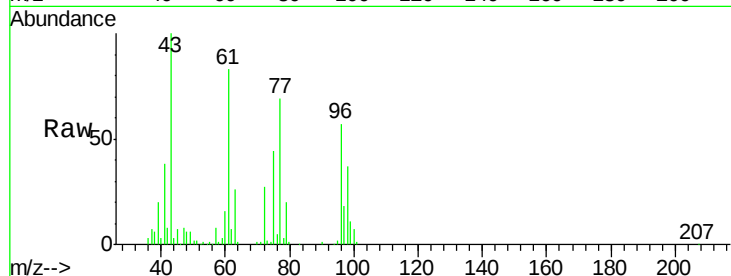
cis-1,2-Dichloroethene
Concen: 19.784 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	290.8
98	63.4	0.0	128.6

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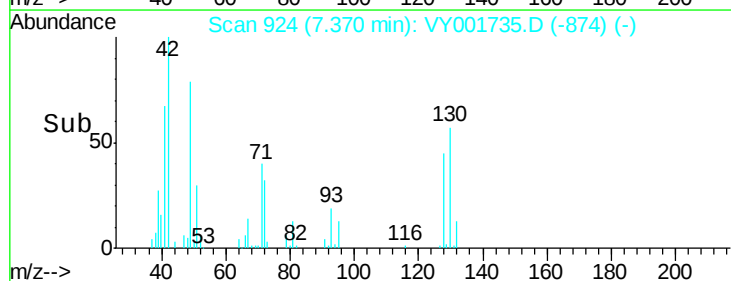
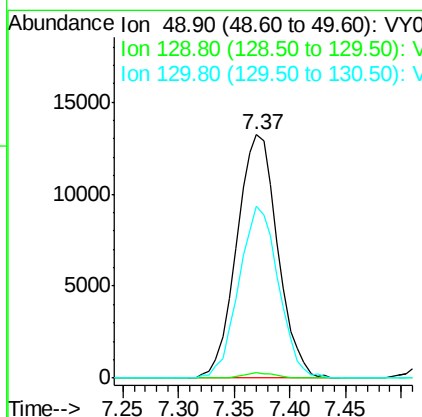
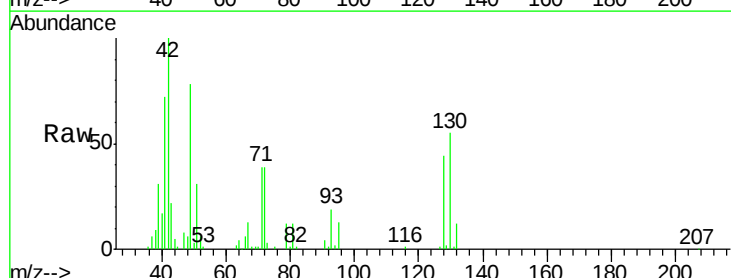
MMDadoda
2/24/2020 11:09:39 AM

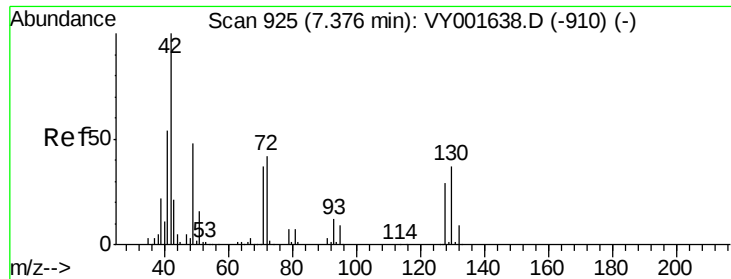


#28

Bromochloromethane
Concen: 19.008 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	68.5	56.2	84.4





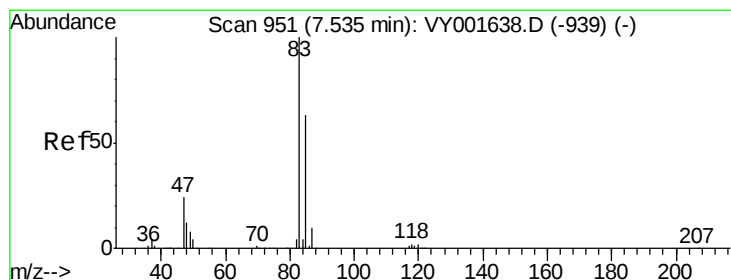
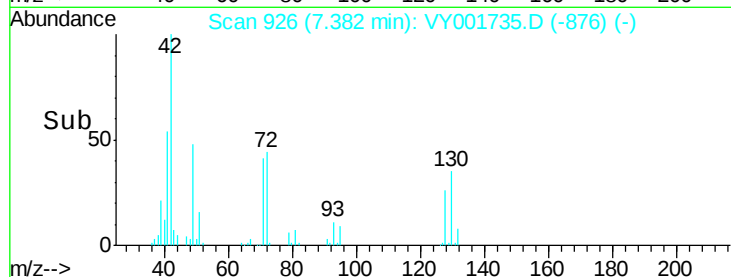
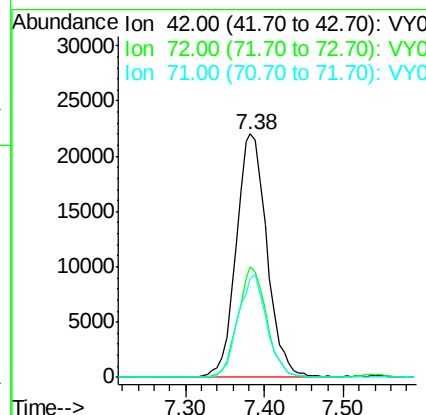
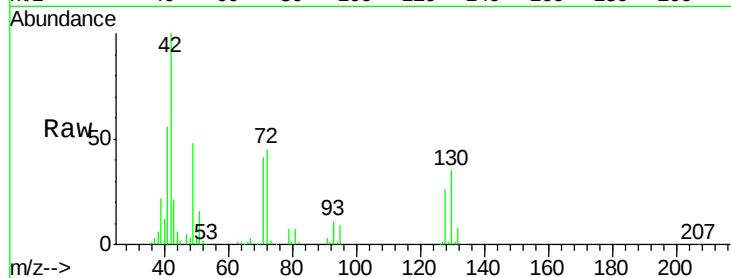
#29
Tetrahydrofuran
Concen: 97.022 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.4	51.6
71	39.5	31.8	47.8

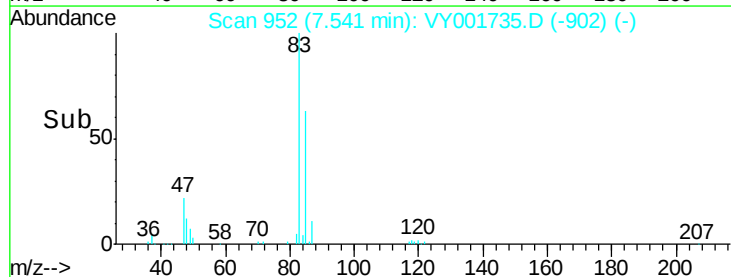
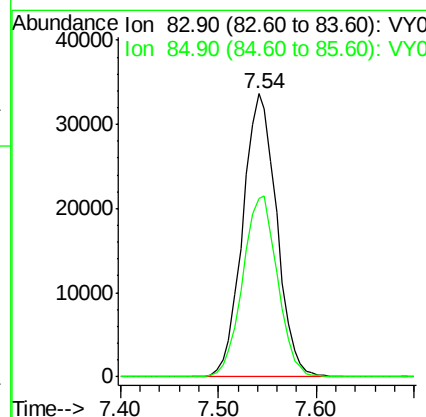
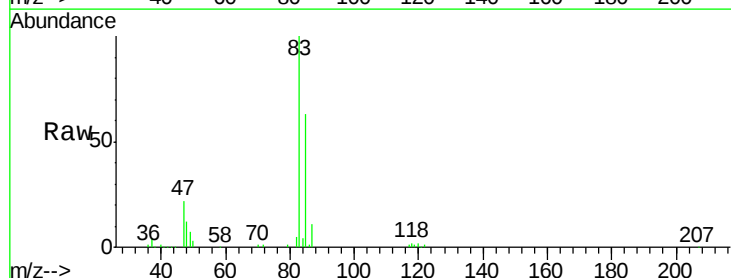
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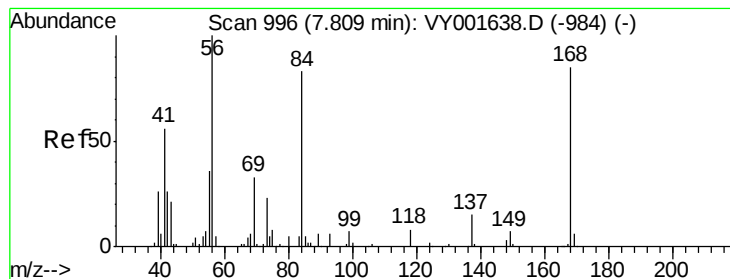
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#30
Chloroform
Concen: 19.406 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4





#31

Cyclohexane

Concen: 19.658 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 56 Resp: 89230

Ion Ratio Lower Upper

56 100

69 38.0 25.1 37.7#

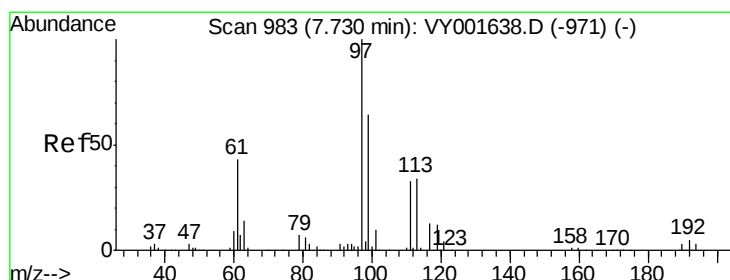
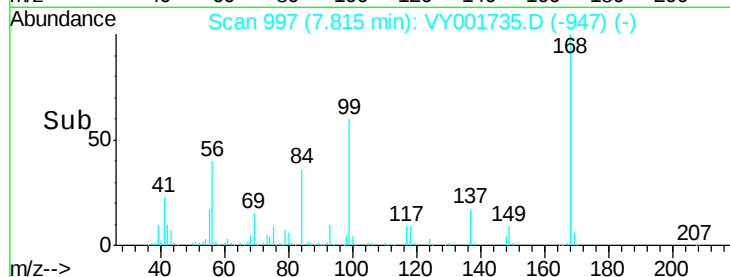
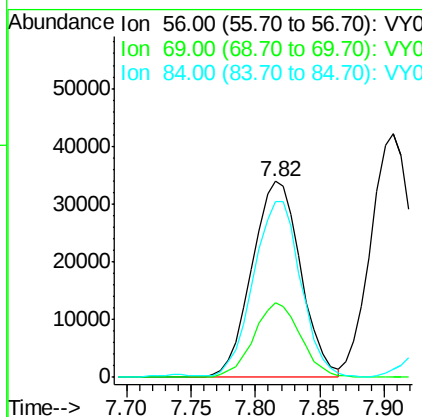
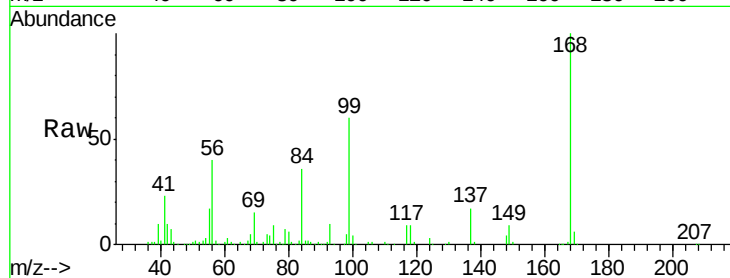
84 89.3 66.9 100.3

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#32

1,1,1-Trichloroethane

Concen: 20.038 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

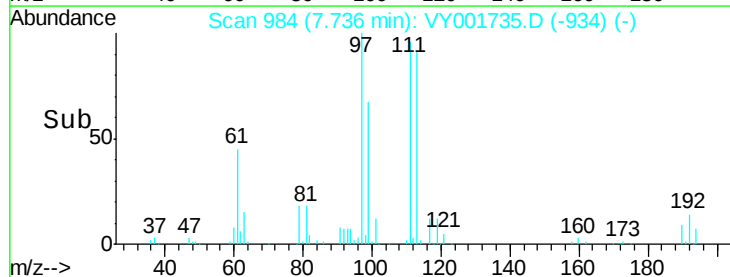
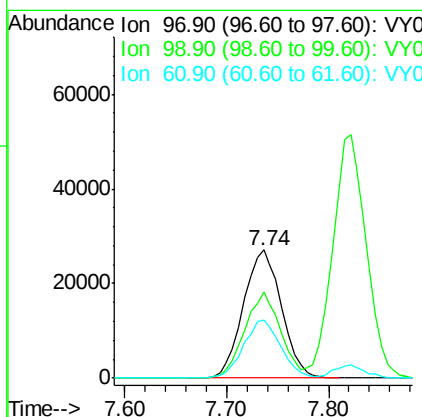
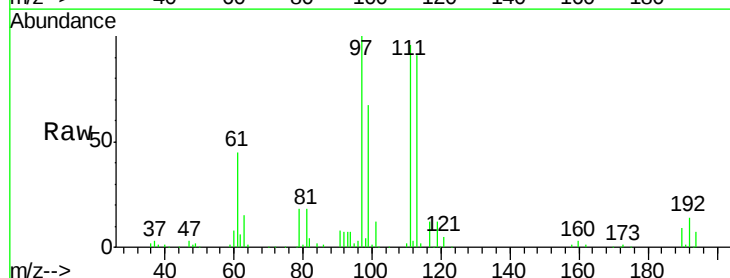
Tgt Ion: 97 Resp: 70059

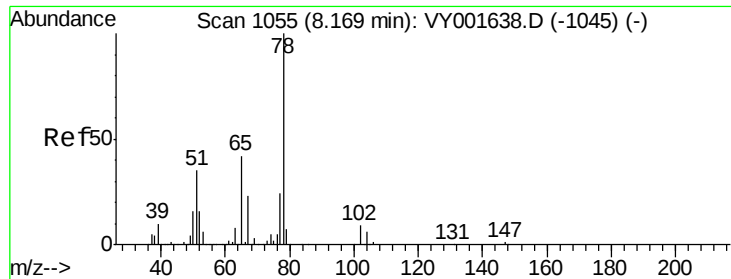
Ion Ratio Lower Upper

97 100

99 63.0 51.2 76.8

61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.750 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 65 Resp: 103169

Ion Ratio Lower Upper

65 100

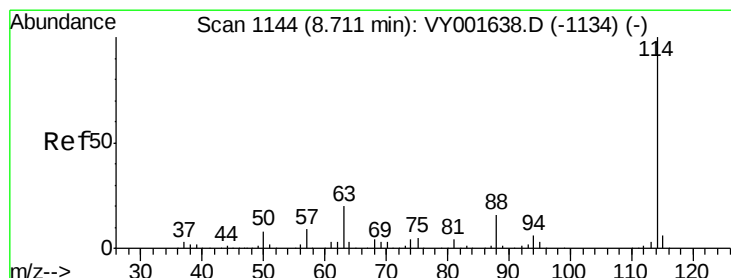
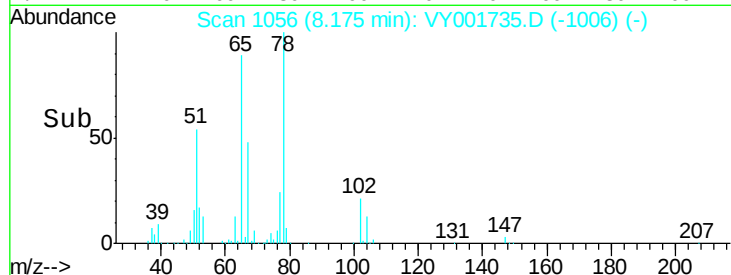
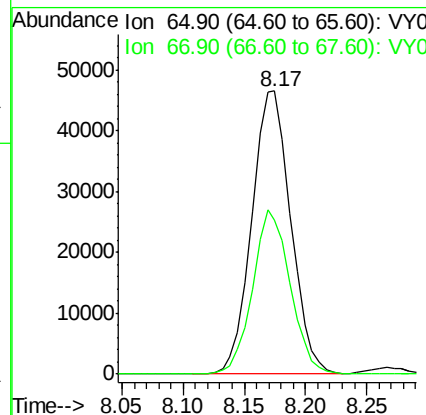
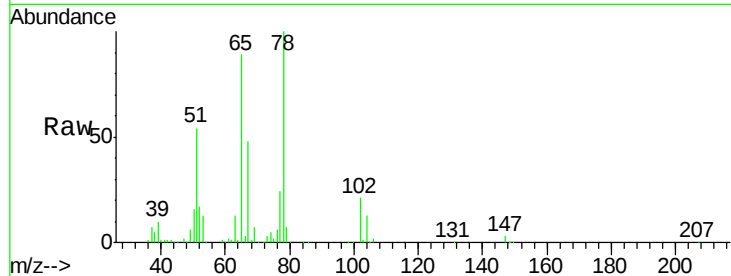
67 56.0 0.0 111.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

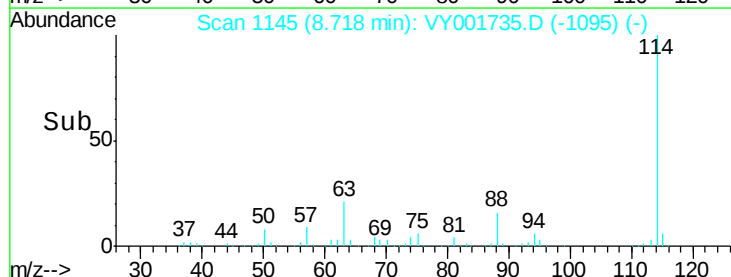
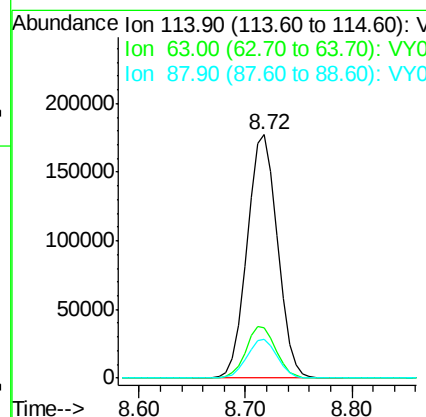
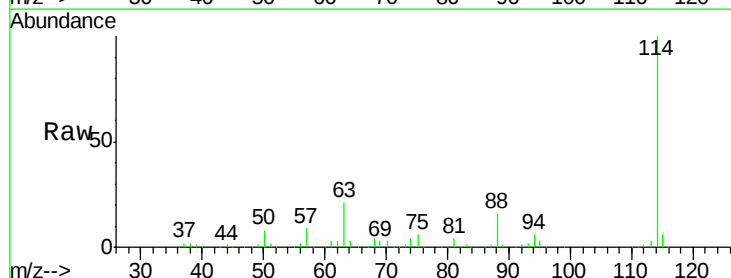
Tgt Ion: 114 Resp: 355635

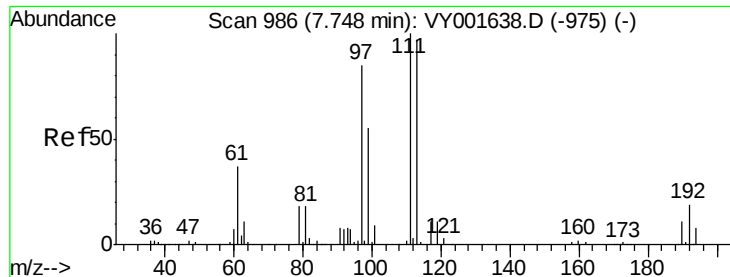
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

88 16.1 0.0 32.8





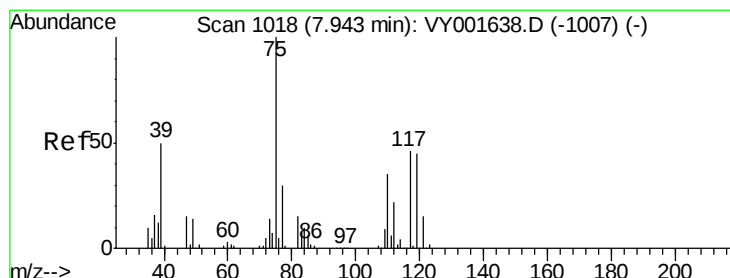
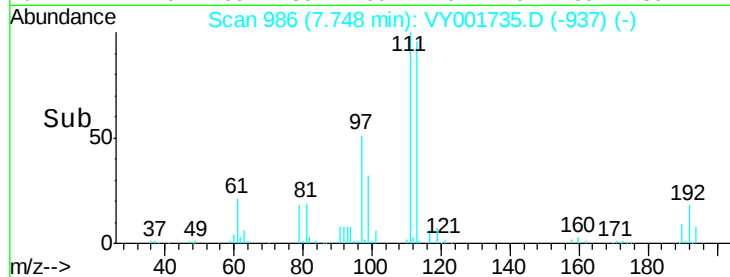
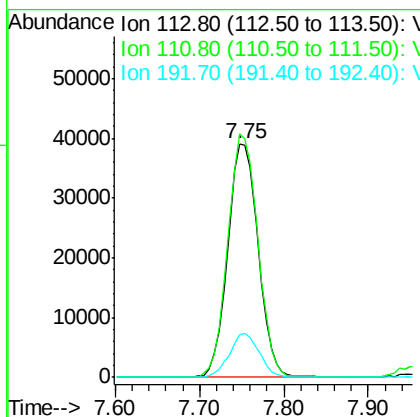
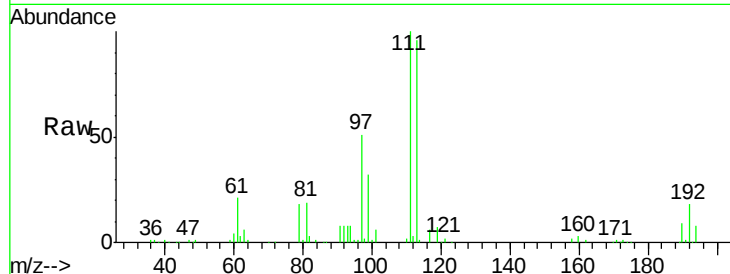
#35
 Dibromofluoromethane
 Concen: 46.879 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95488		
111	103.6	81.9	122.9	
192	18.3	14.3	21.5	

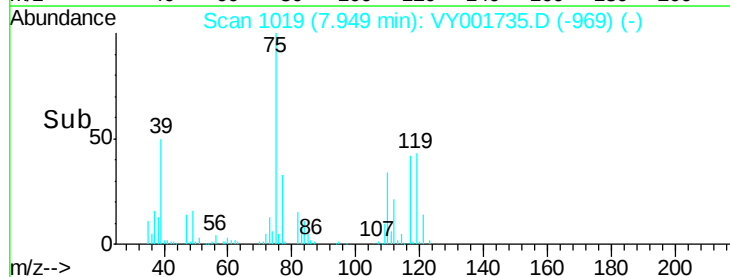
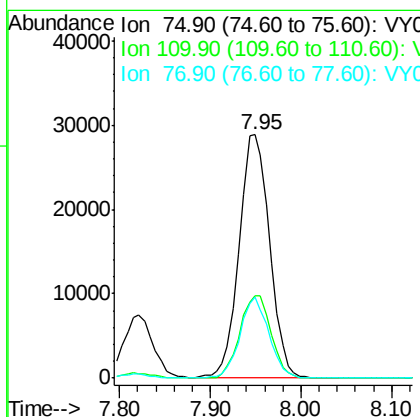
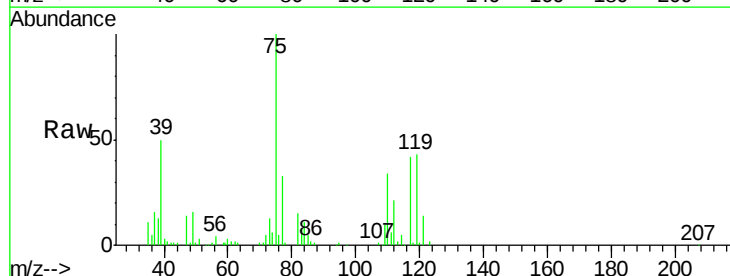
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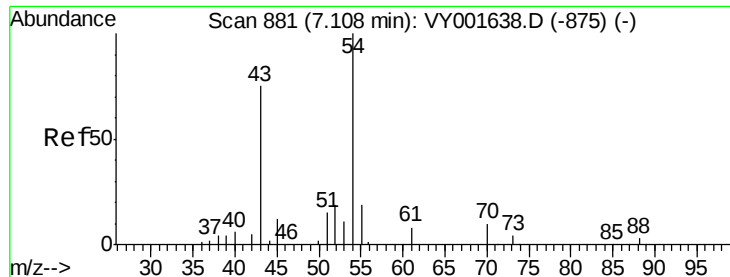
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#36
 1,1-Dichloropropene
 Concen: 19.844 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67411		
110	34.5	17.2	51.6	
77	31.5	24.8	37.2	





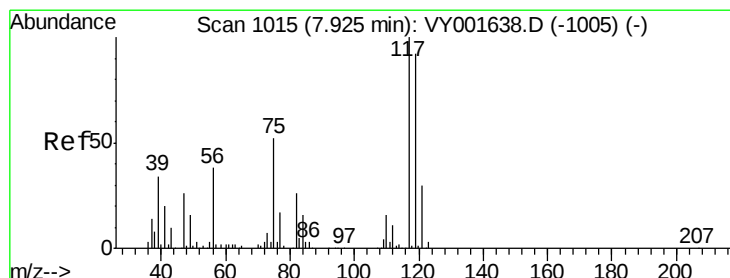
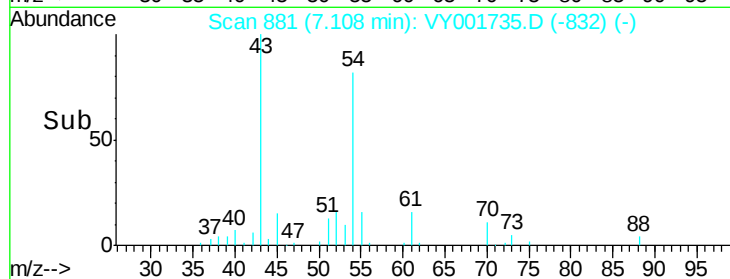
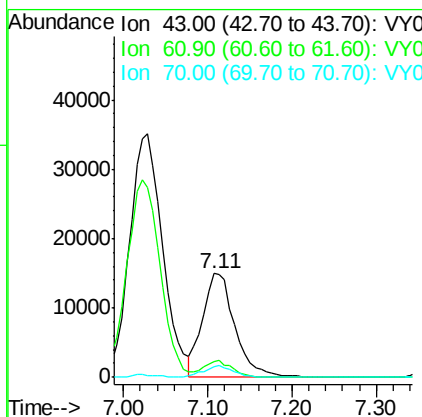
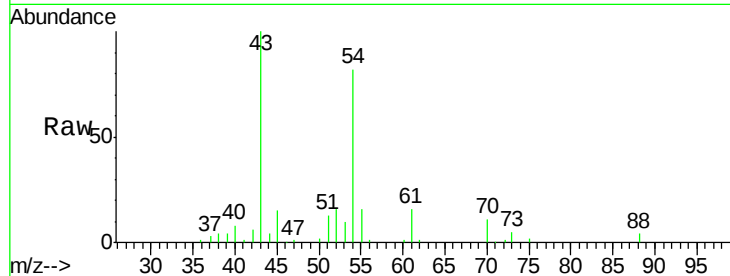
#37
Ethyl Acetate
Concen: 19.828 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	10.4	8.8	13.2

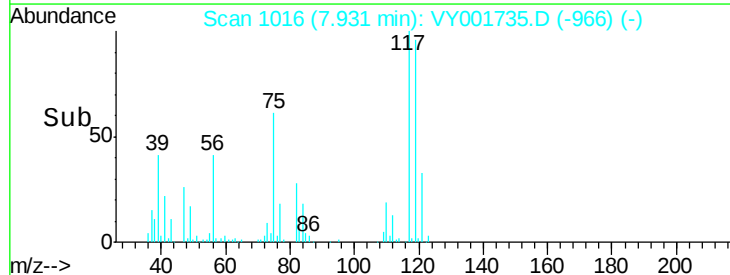
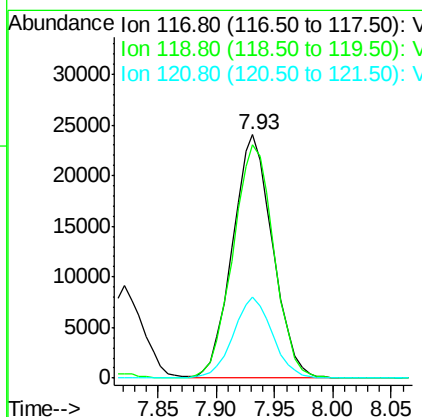
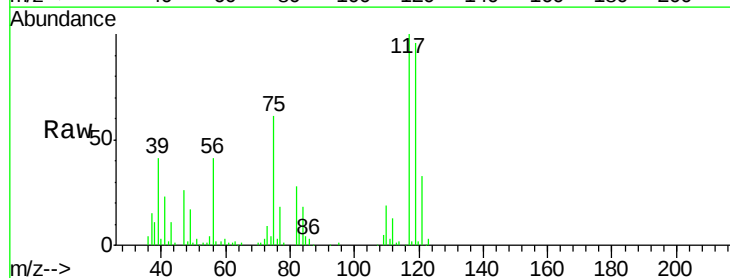
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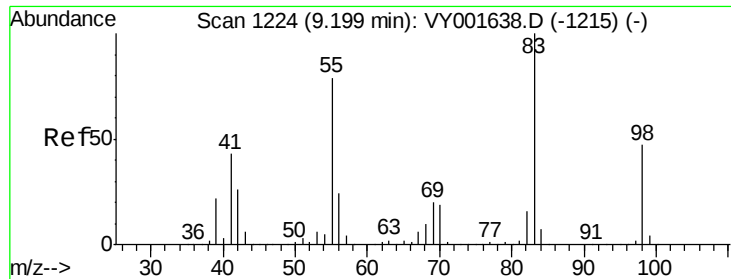
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#38
Carbon Tetrachloride
Concen: 19.342 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.8	112.2
121	33.5	23.8	35.6





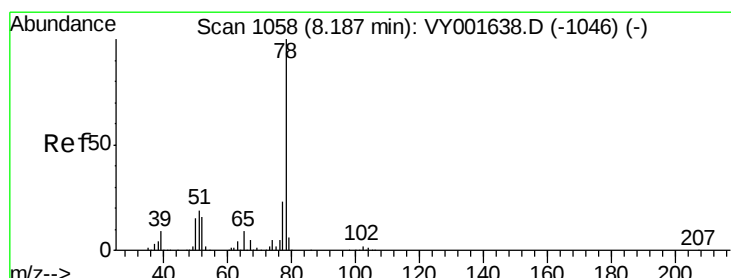
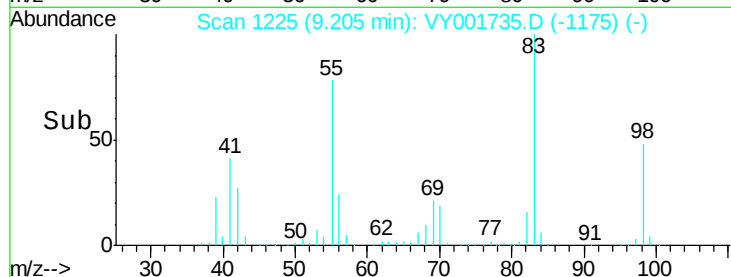
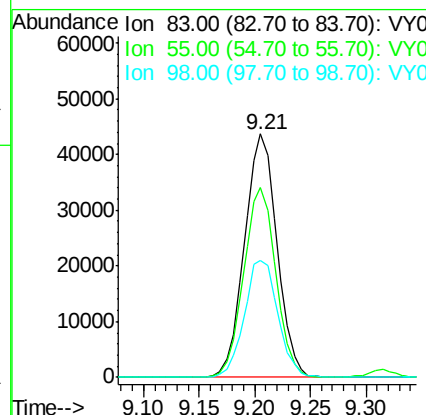
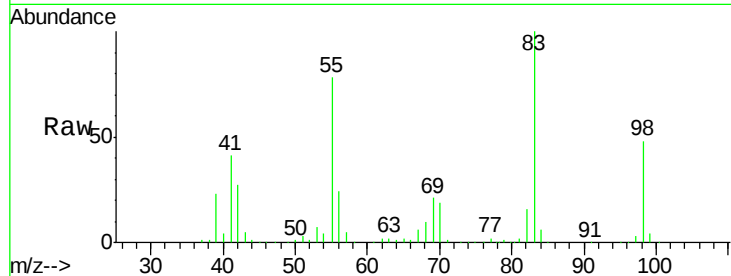
#39
Methvlcvclohexane
Concen: 19.682 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.3	91.9
98	48.0	38.0	57.0

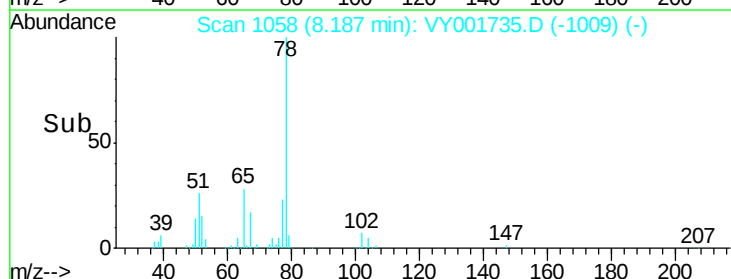
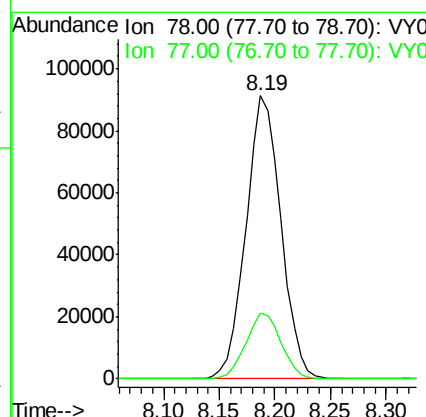
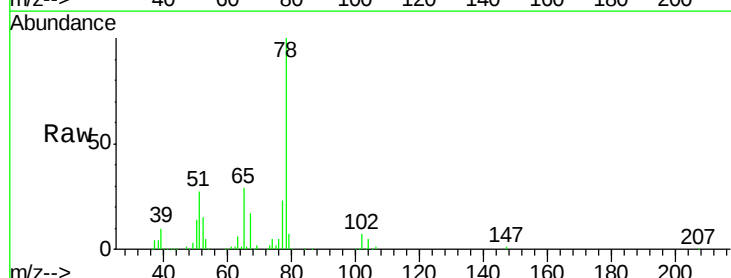
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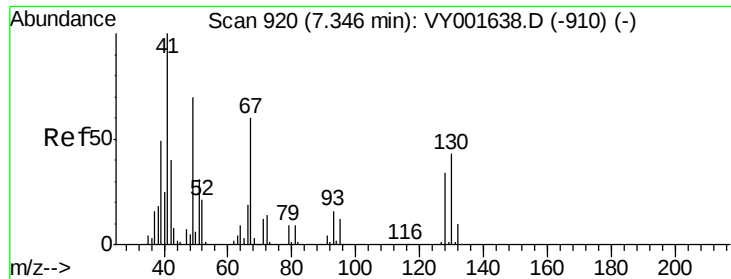
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#40
Benzene
Concen: 19.952 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.4





#41

Methacrylonitrile

Concen: 20.909 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 41 Resp: 21286

Ion Ratio Lower Upper

41 100

39 60.8 36.0 54.0#

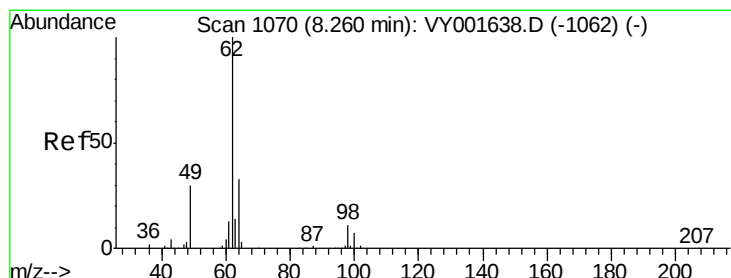
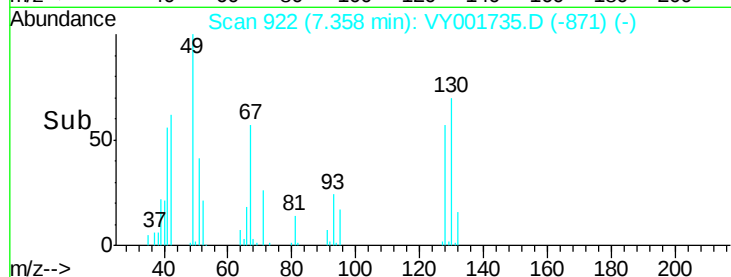
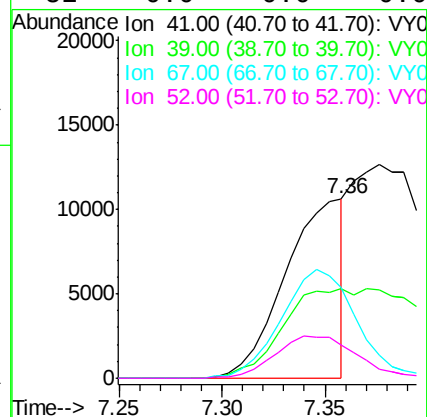
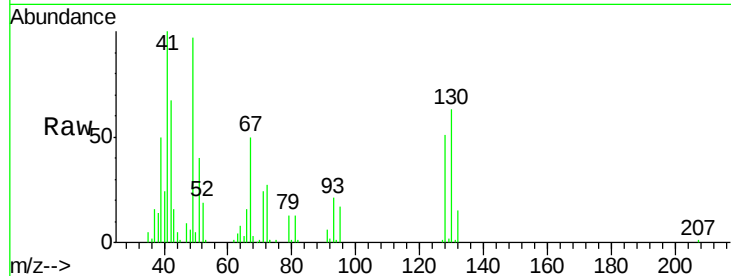
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.895 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VY001735.D

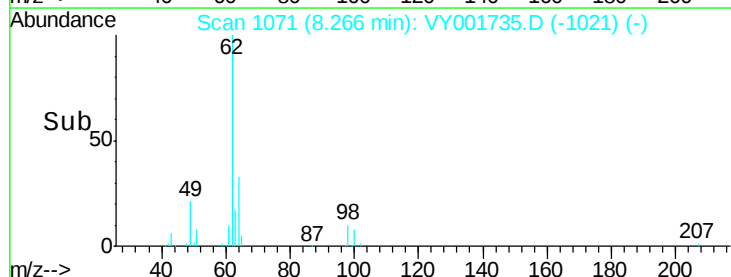
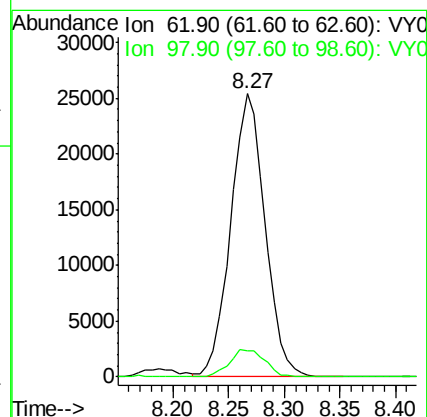
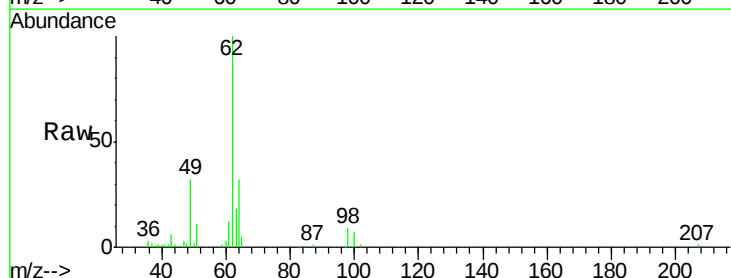
Acq: 21 Feb 2020 12:29

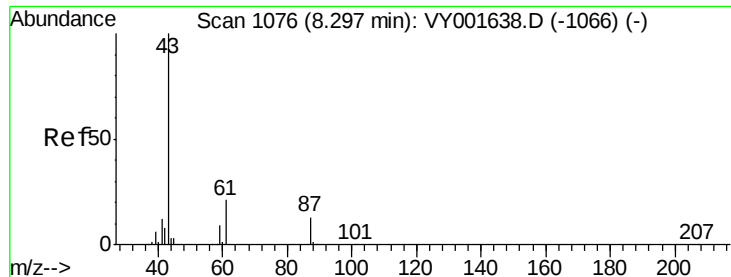
Tgt Ion: 62 Resp: 54149

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.8





#43

Isopropyl Acetate

Concen: 19.694 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

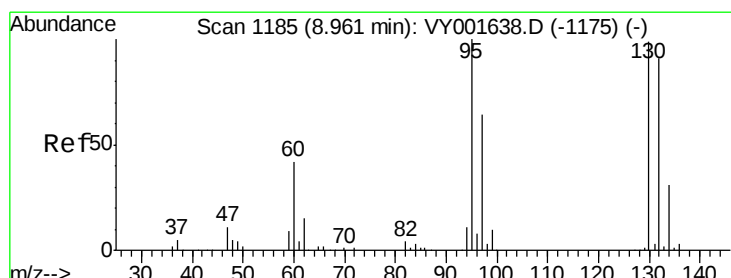
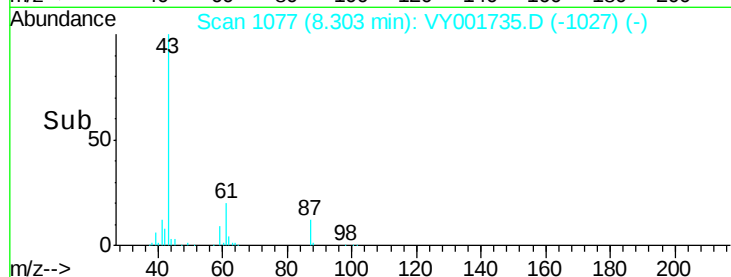
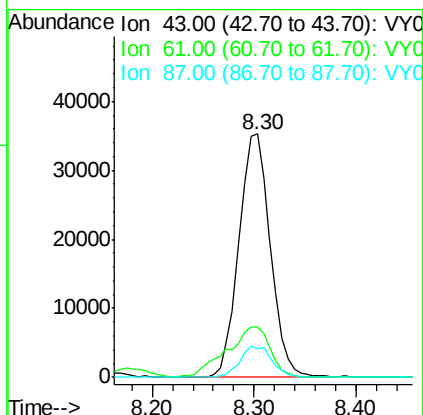
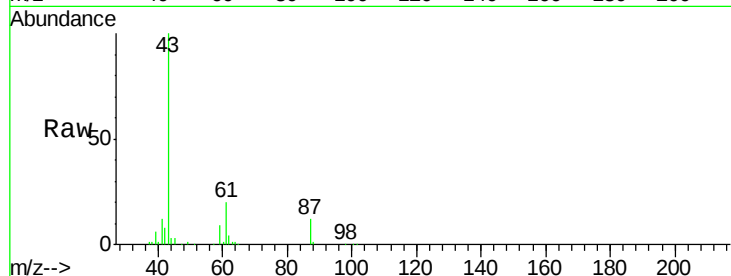
ClientSampleId :

VY0221SBS01

Tot Ion:	43	Resp:	75760
Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.0	34.4
87	13.0	10.7	16.1

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#44

Trichloroethene

Concen: 19.927 ug/l

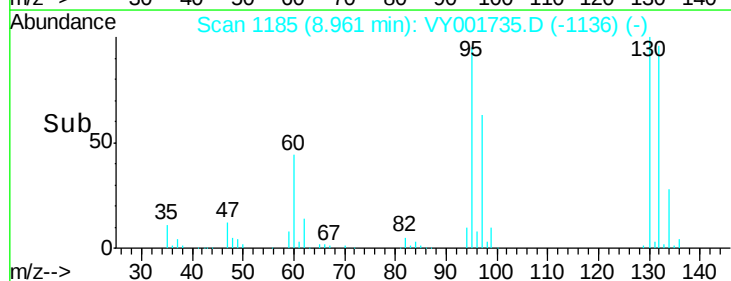
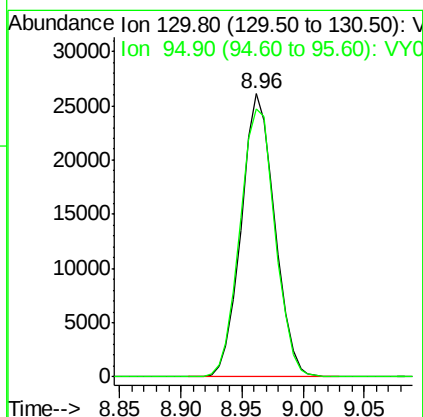
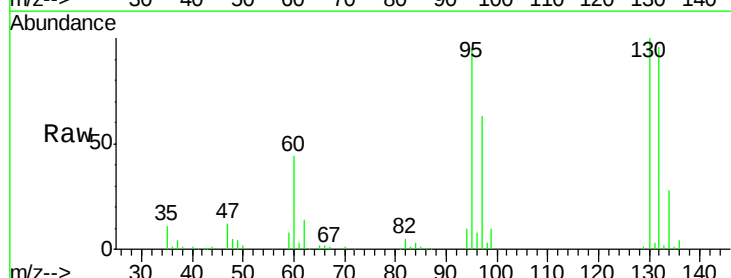
RT: 8.96 min Scan# 1185

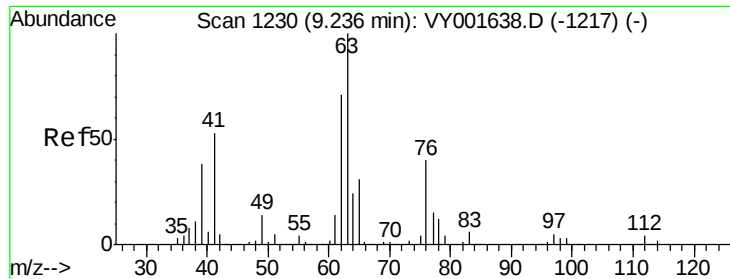
Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	130	Resp:	49698
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	200.6





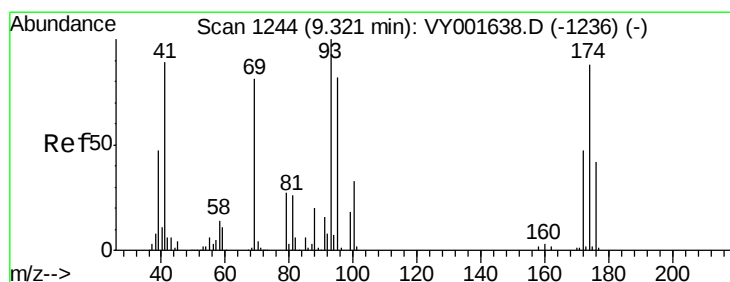
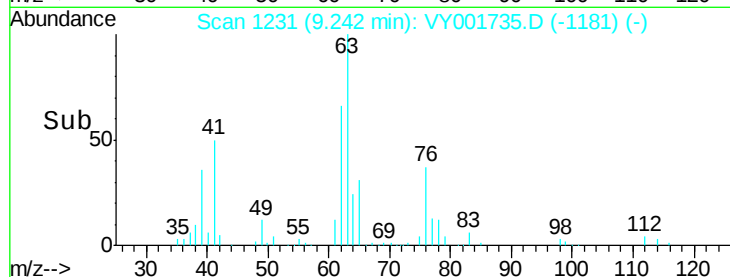
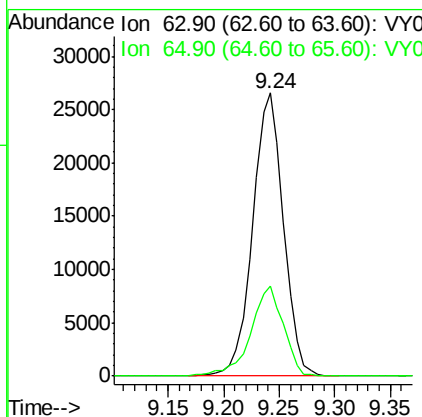
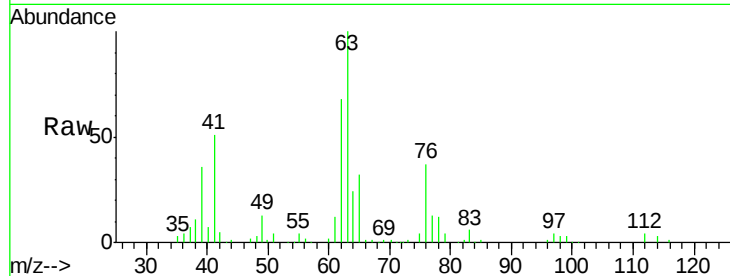
#45
 1,2-Dichloropropane
 Concen: 20.439 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

Tot Ion: 63 Resp: 51140
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0

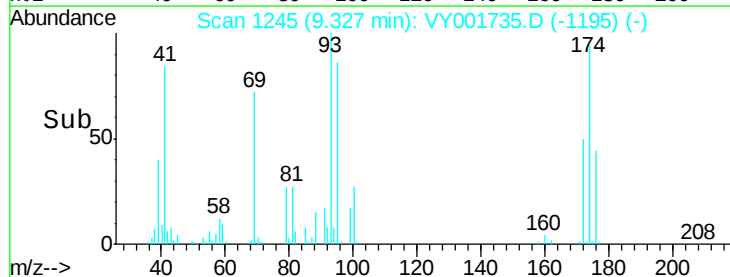
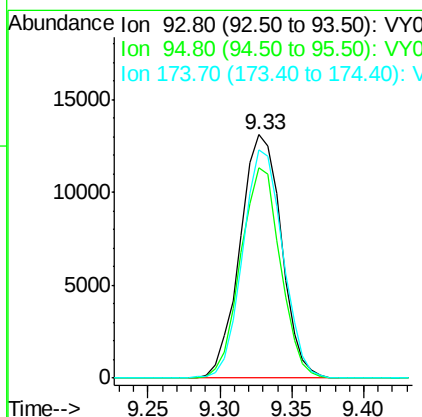
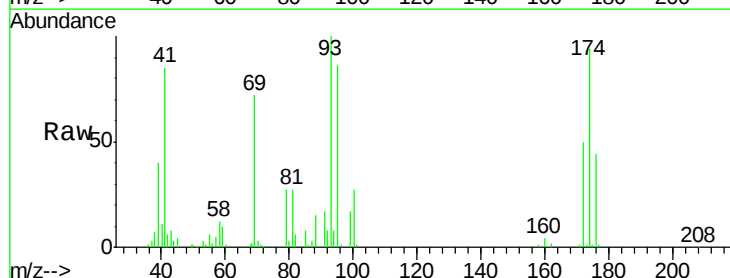
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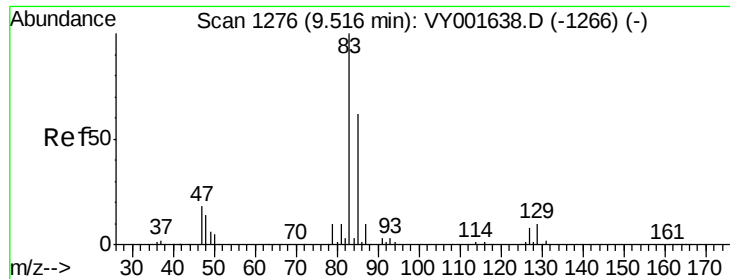
MMDadoda
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#46
 Dibromomethane
 Concen: 19.908 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 93 Resp: 26053
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.1 99.1
 174 90.6 72.5 108.7





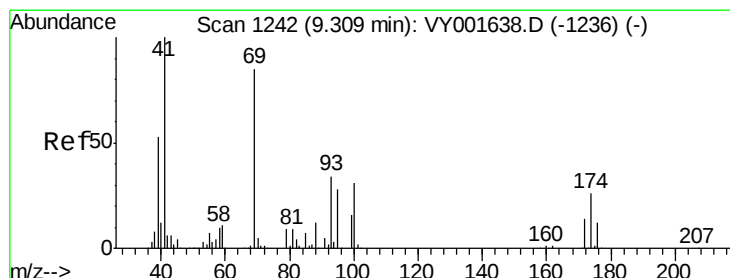
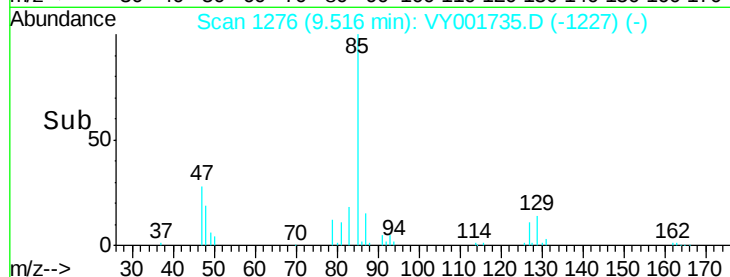
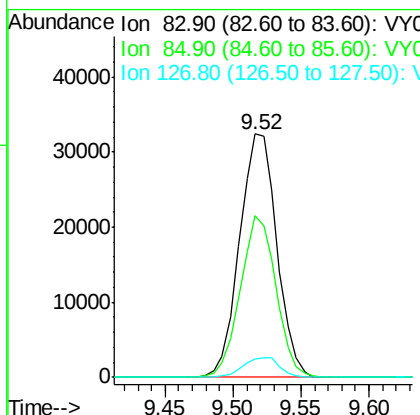
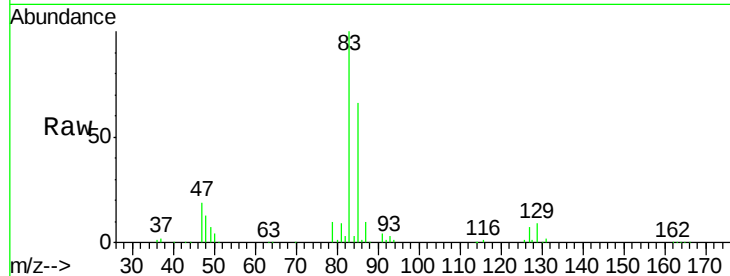
#47
Bromodichloromethane
Concen: 19.693 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	83	Resp	62199
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	51.4	77.0
127	7.3	6.4	9.6

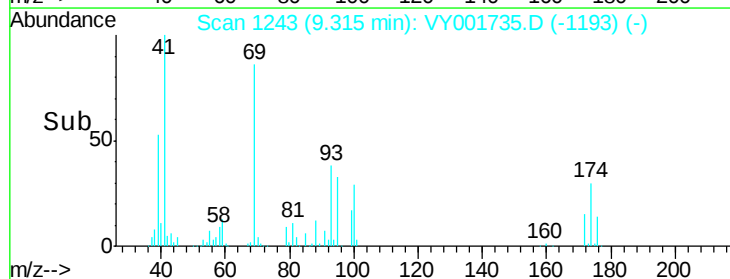
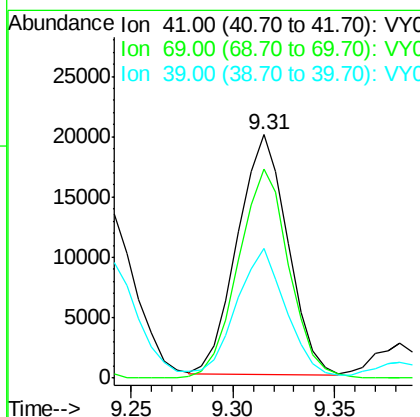
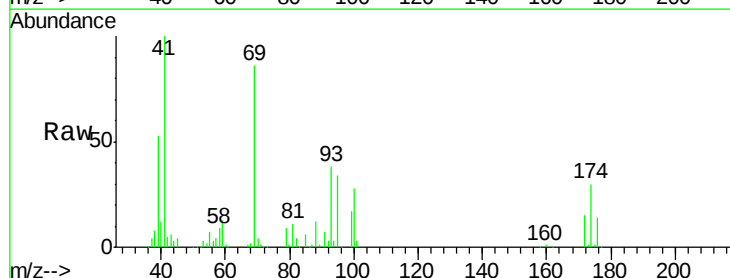
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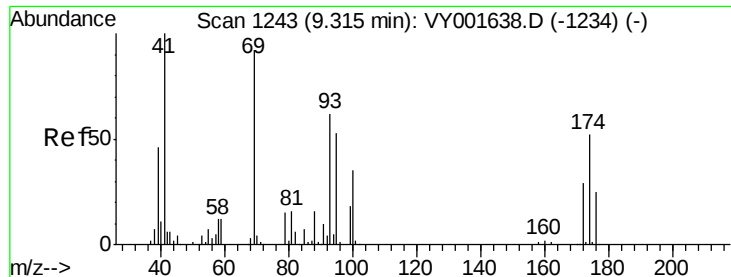
MMDadoda
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#48
Methyl methacrylate
Concen: 19.636 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	41	Resp	34162
Ion Ratio	100	Lower	Upper
41	100		
69	88.0	70.7	106.1
39	53.9	42.2	63.2





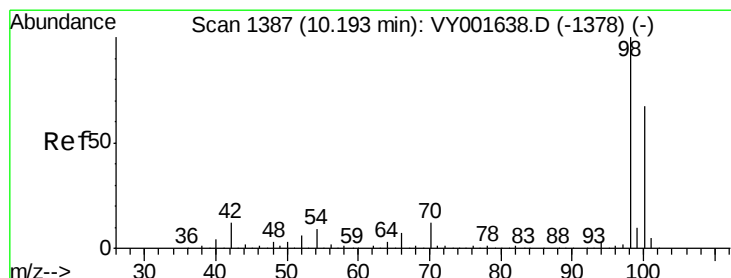
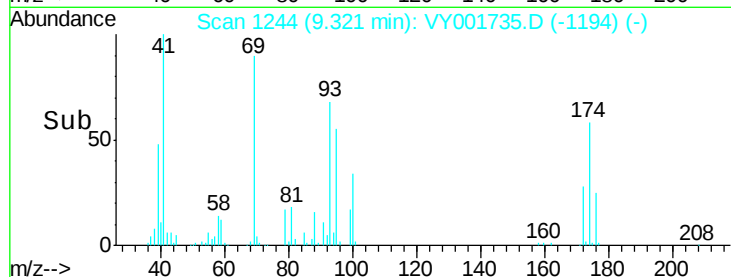
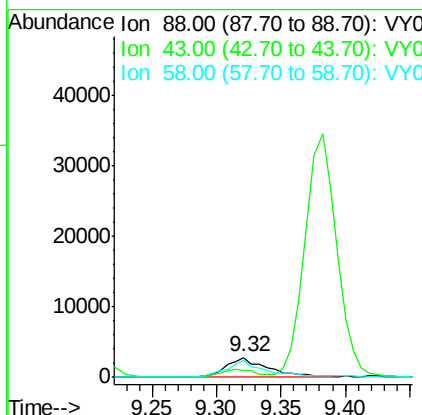
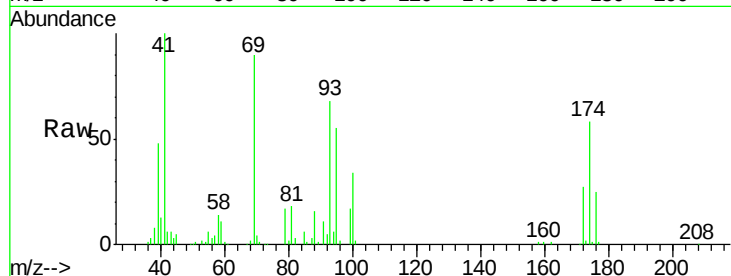
#49
1,4-Dioxane
Concen: 352.199 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	23.1	34.7#
58	75.1	58.1	87.1

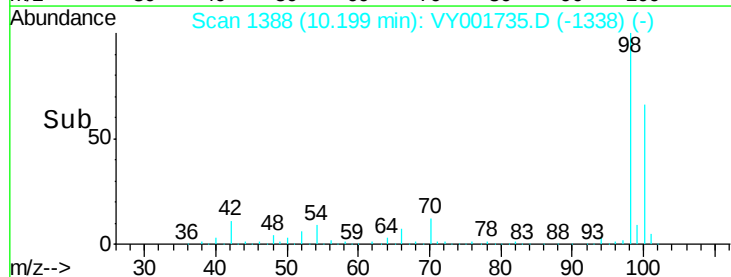
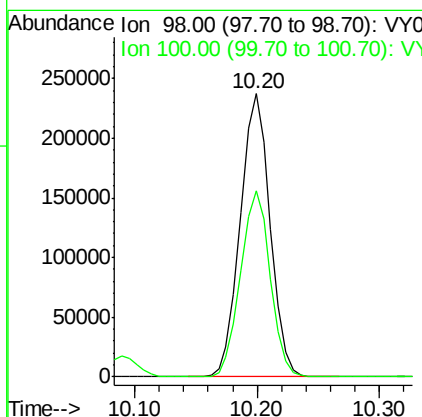
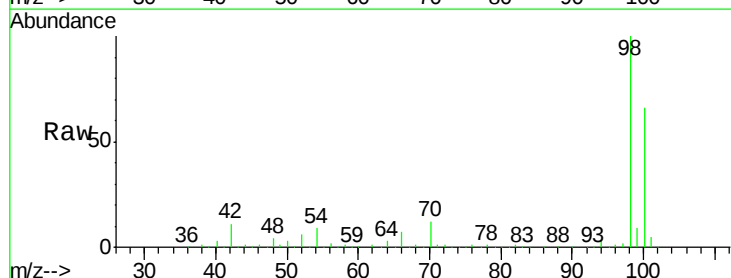
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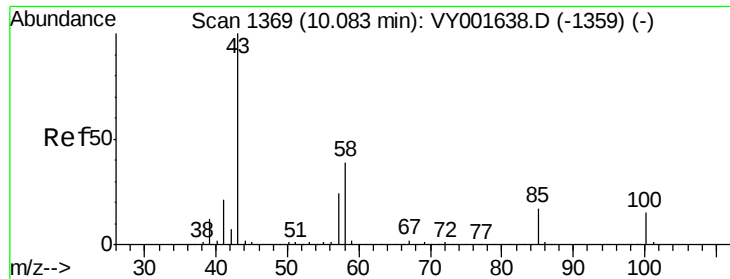
MMDadoda
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#50
Toluene-d8
Concen: 50.088 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 98.369 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 43 Resp: 194427

Ion Ratio Lower Upper

43 100

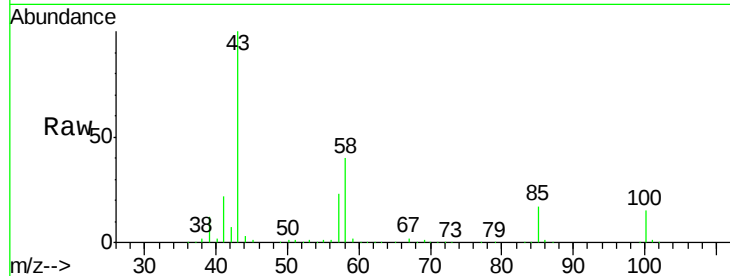
58 39.5 32.2 48.4

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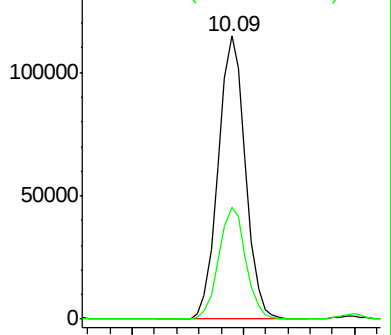
MMDadoda

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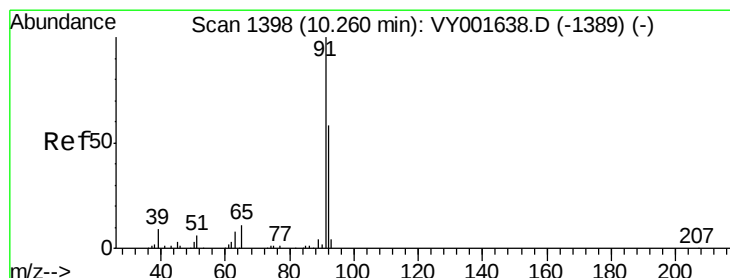
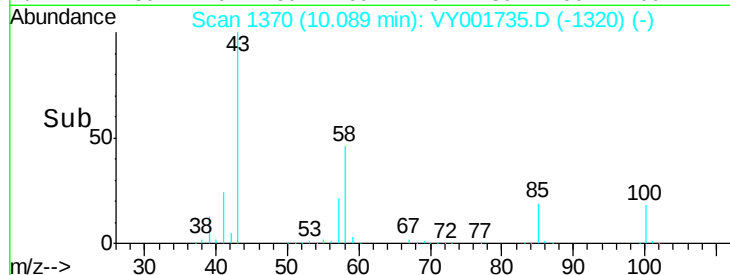


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#52

Toluene

Concen: 19.919 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001735.D

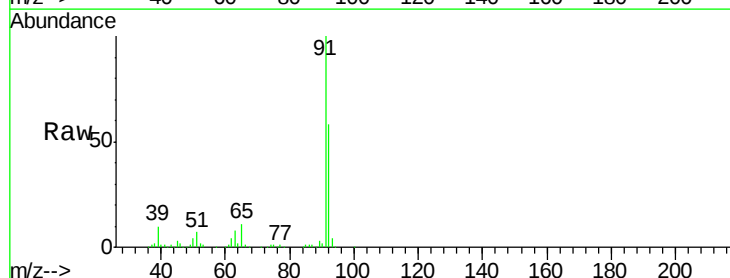
Acq: 21 Feb 2020 12:29

Tgt Ion: 92 Resp: 124136

Ion Ratio Lower Upper

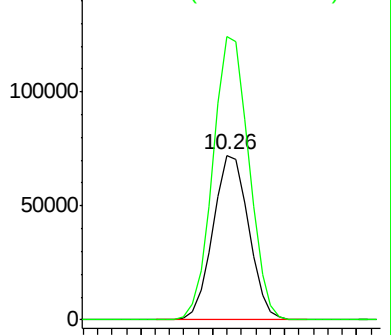
92 100

91 172.8 137.0 205.6

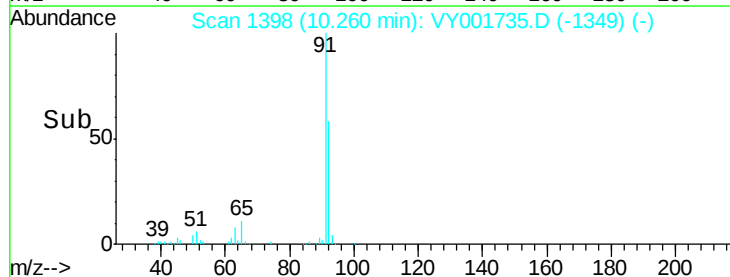


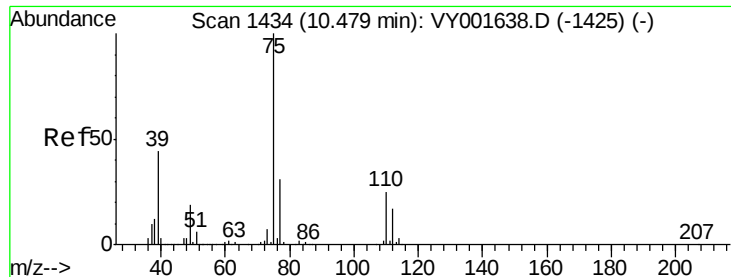
Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



Time-->





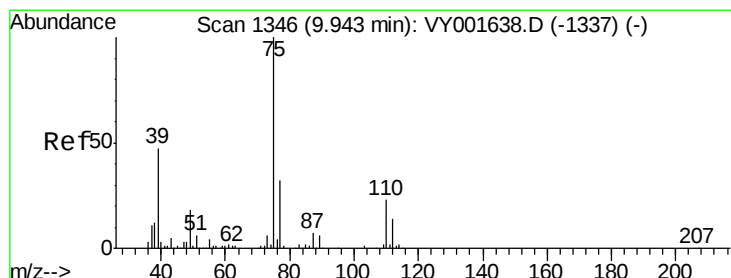
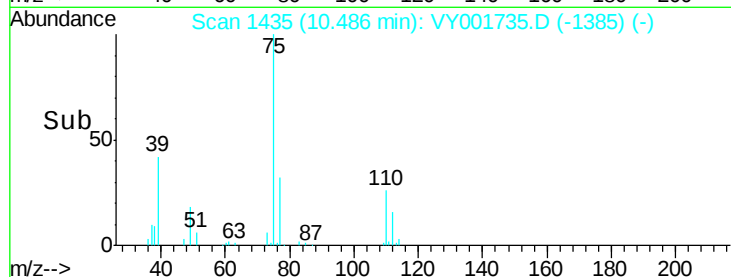
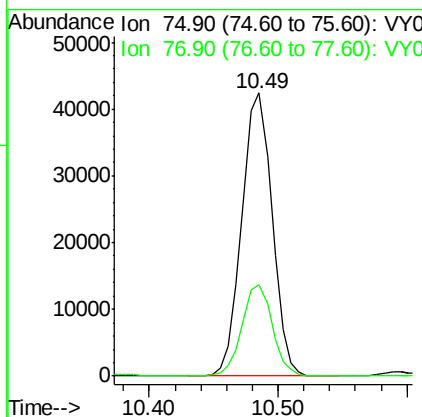
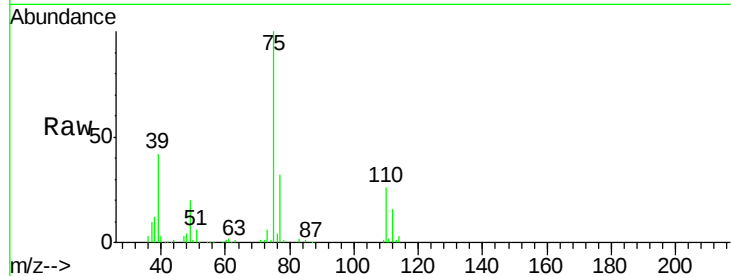
#53
t-1,3-Dichloropropene
Concen: 19.808 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion: 75 Resp: 69163
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8

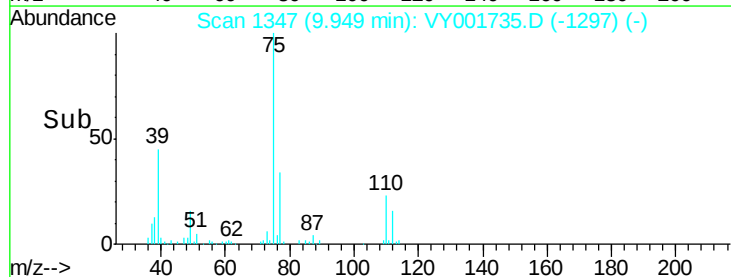
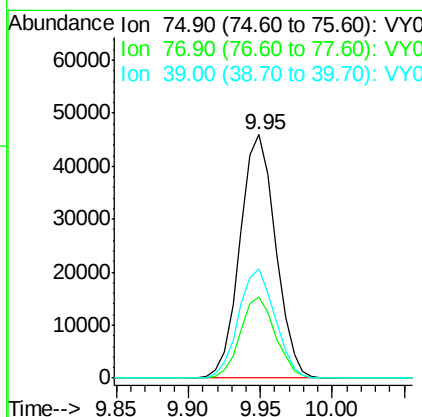
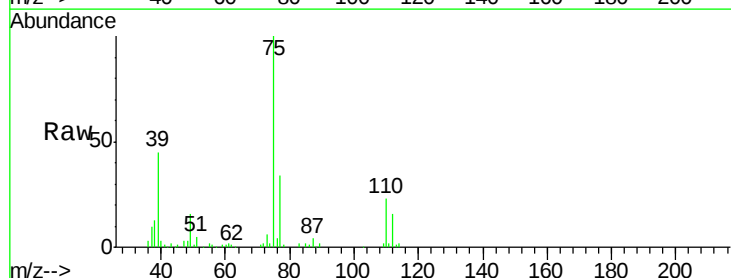
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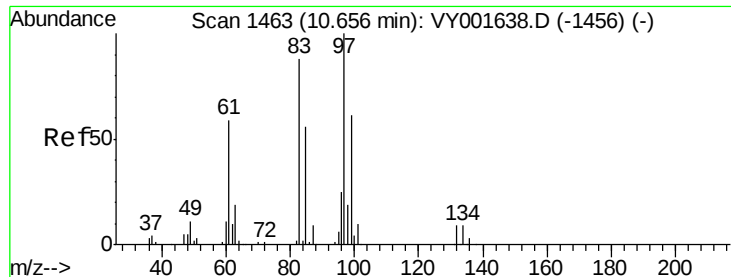
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#54
cis-1,3-Dichloropropene
Concen: 19.656 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 75 Resp: 78992
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5
39 44.8 35.7 53.5





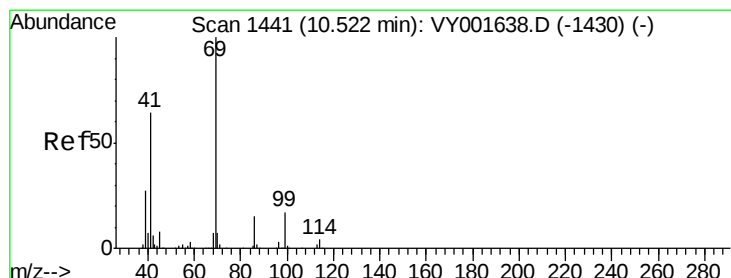
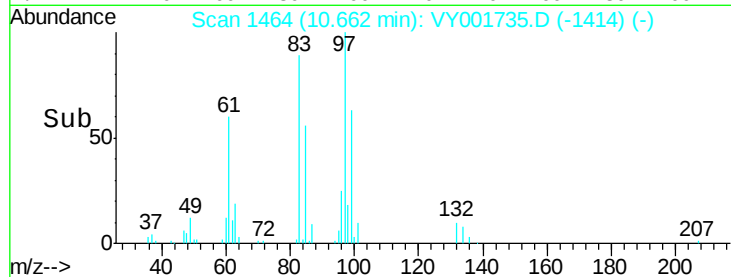
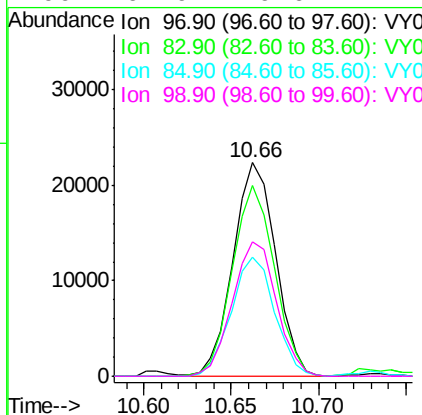
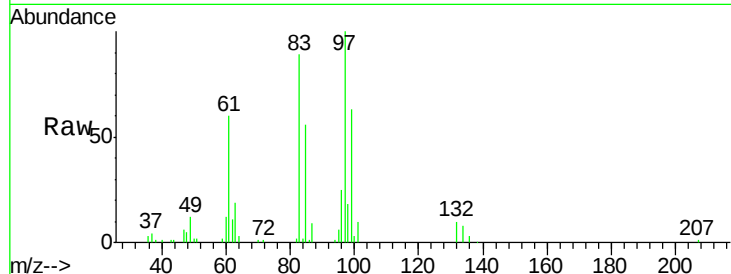
#55
 1,1,2-Trichloroethane
 Concen: 19.680 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Tot Ion:	97	Resp:	37977
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.7	104.5
85	55.5	44.5	66.7
99	62.9	49.6	74.4

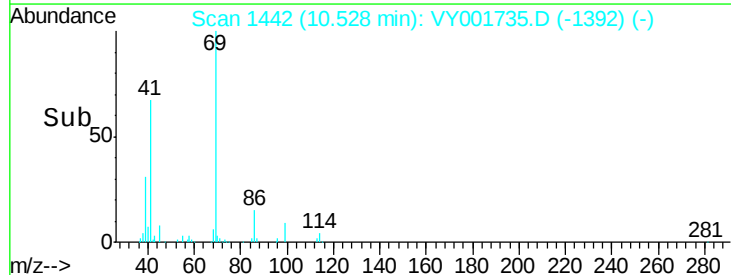
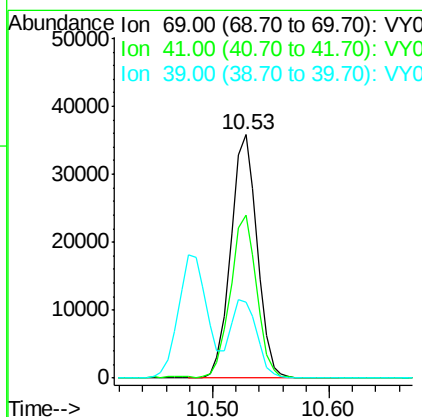
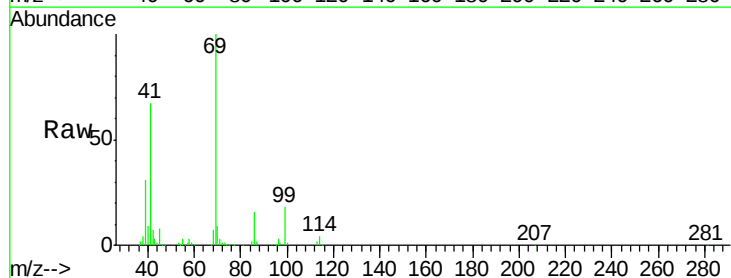
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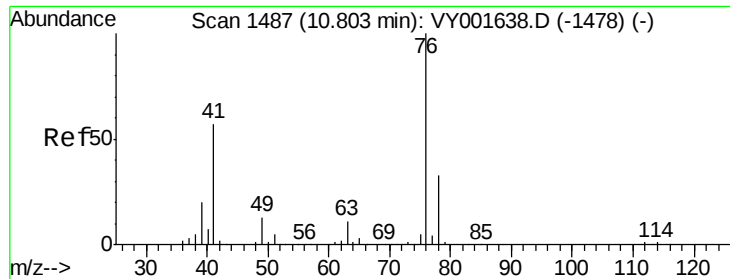
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#56
 Ethyl methacrylate
 Concen: 19.557 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion:	69	Resp:	56617
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.0	76.4
39	33.5	24.7	37.1





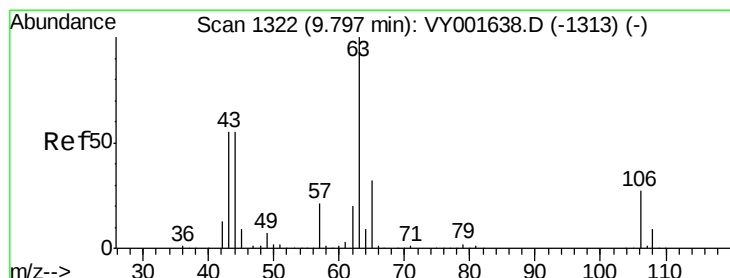
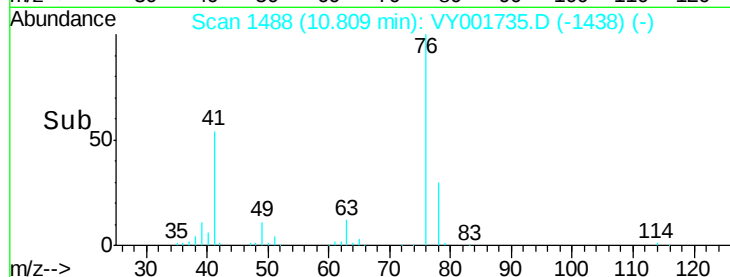
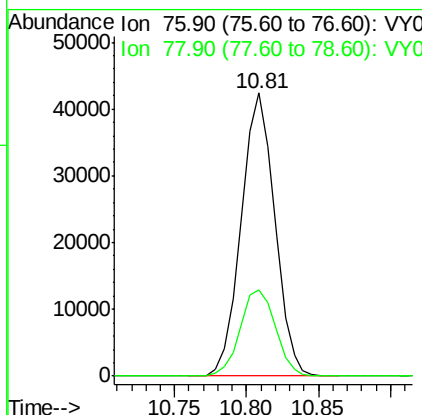
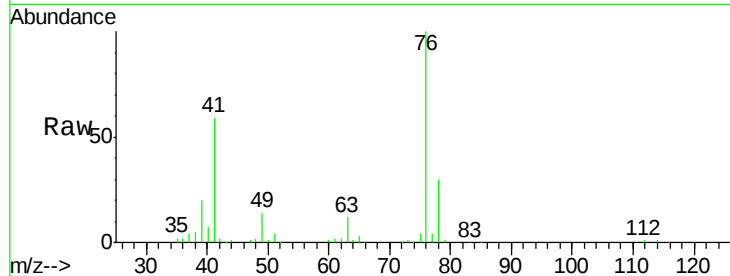
#57
 1,3-Dichloropropane
 Concen: 20.009 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Tot Ion: 76 Resp: 68607
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

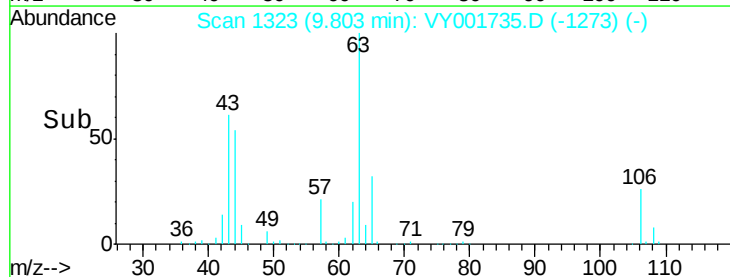
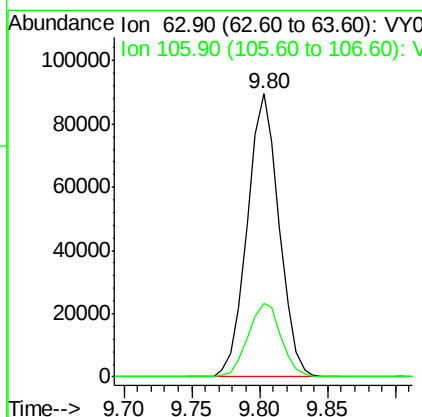
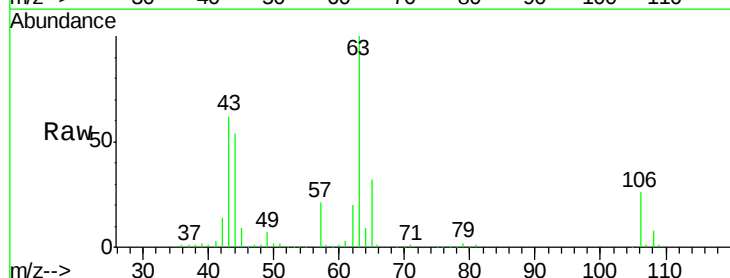
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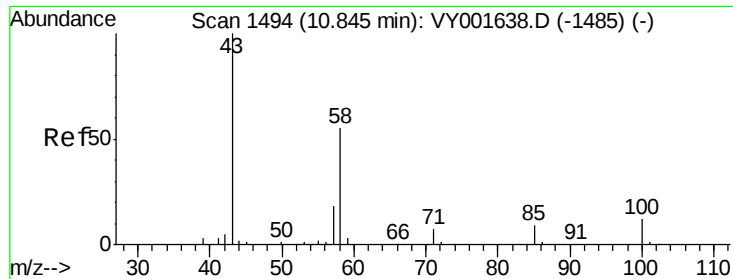
MMDadoda
 2/24/2020 11:09:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 125.277 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 63 Resp: 146775
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.6 32.4





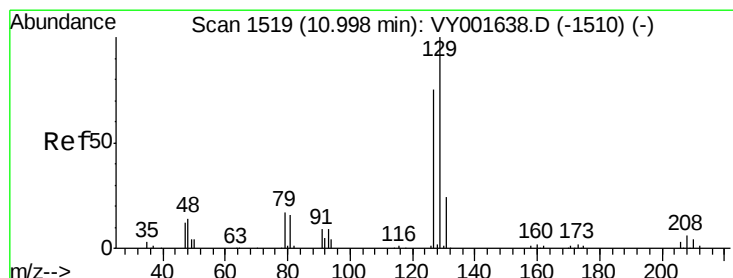
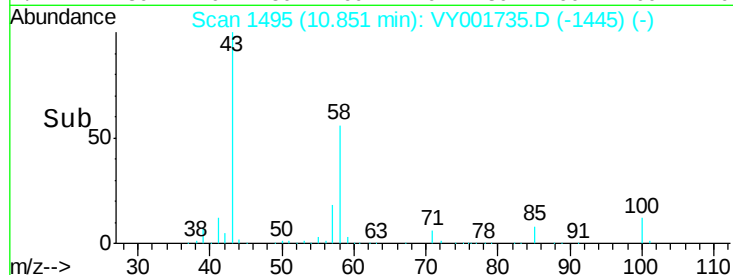
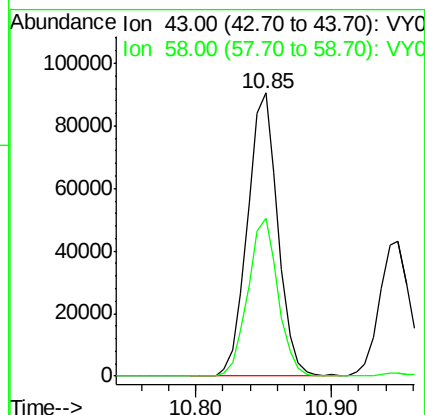
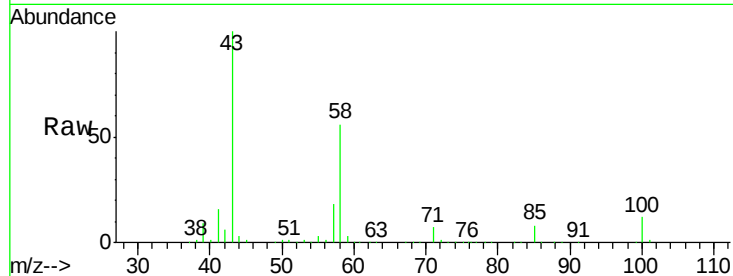
#59
2-Hexanone
Concen: 95.379 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

Tot Ion: 43 Resp: 141448
Ion Ratio Lower Upper
43 100
58 55.1 28.4 85.2

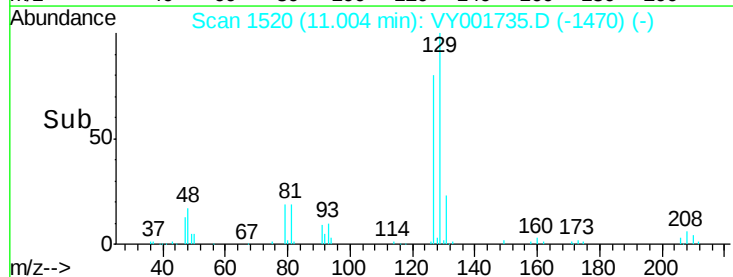
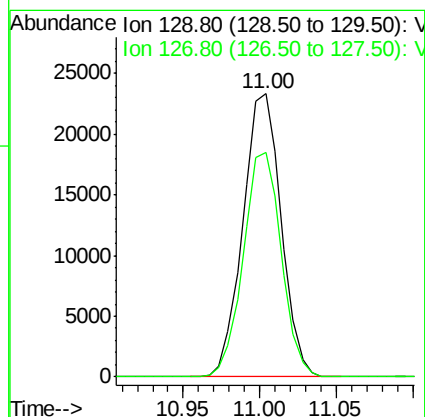
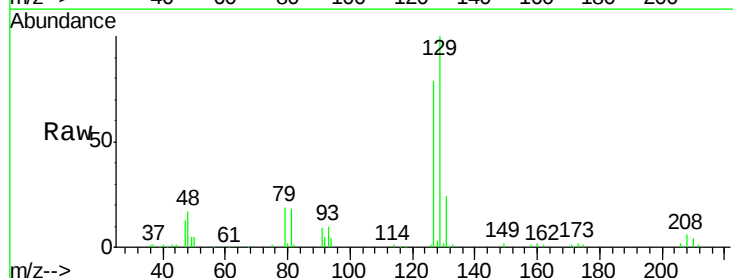
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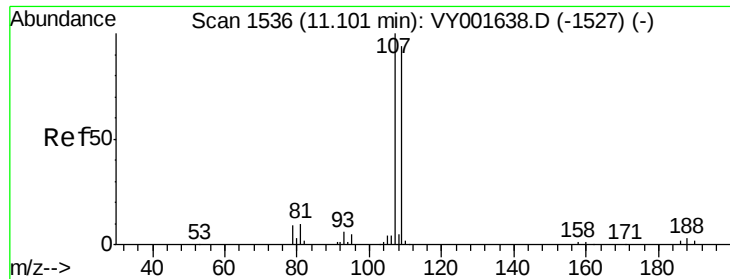
MMDadoda
2/24/2020 11:09:39 AM



#60
Dibromochloromethane
Concen: 19.061 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 129 Resp: 40552
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





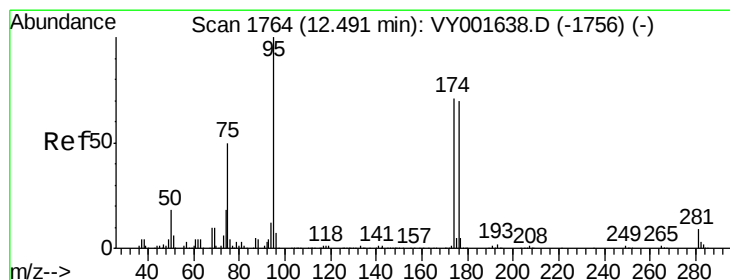
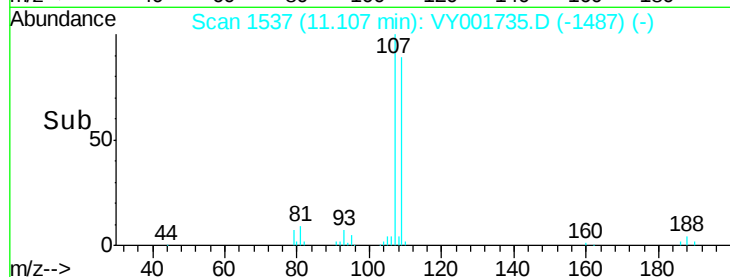
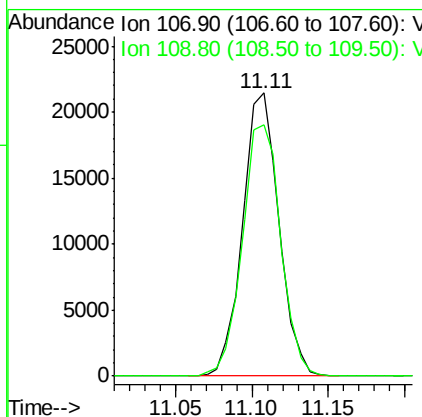
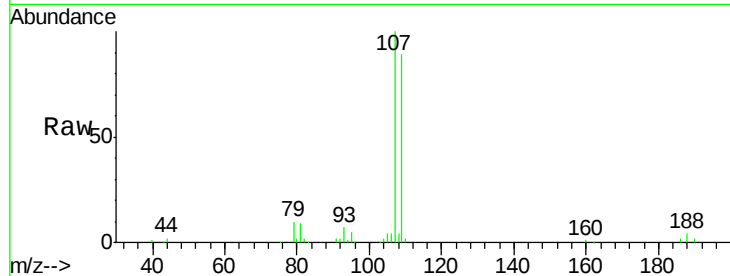
#61
 1,2-Dibromoethane
 Concen: 19.332 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.2	111.4

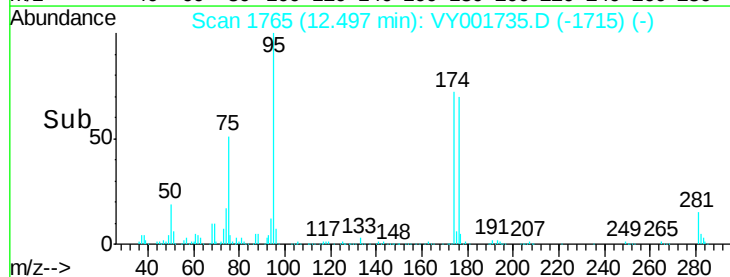
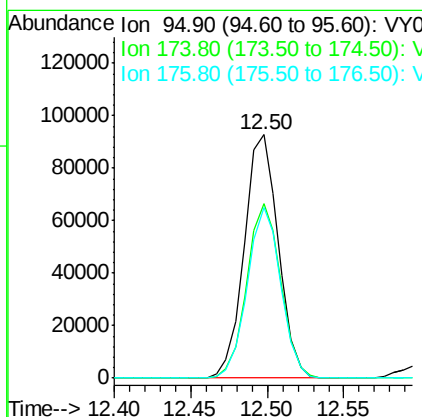
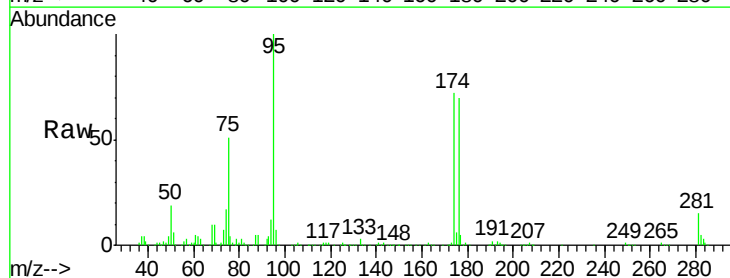
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#62
 4-Bromofluorobenzene
 Concen: 46.241 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	138.4
176	68.8	0.0	131.8





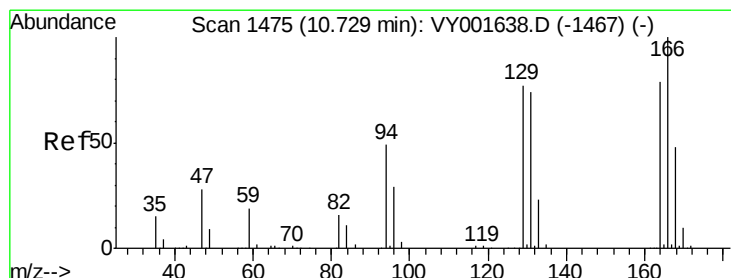
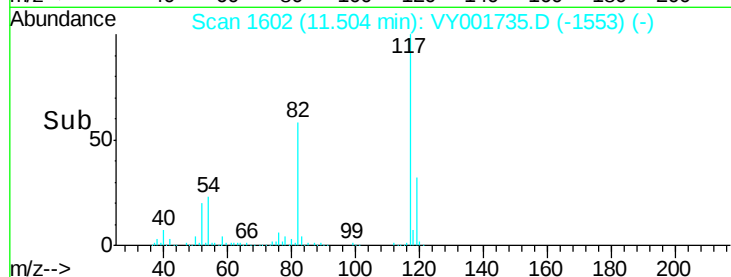
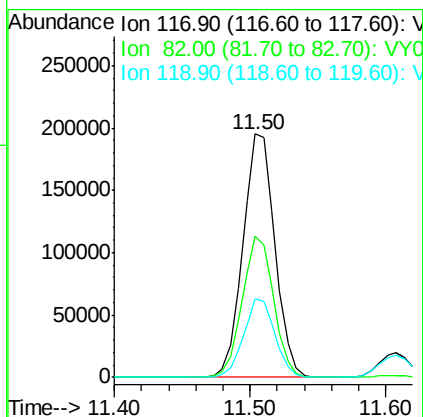
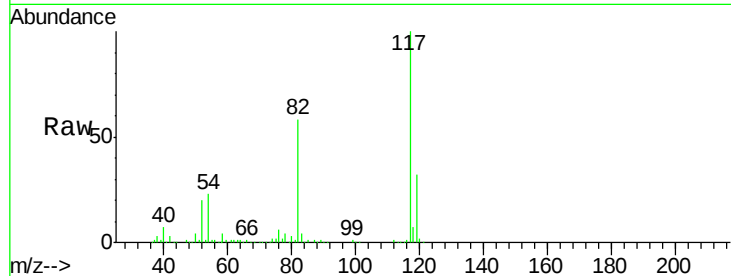
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	320000		
82	57.9		45.5	68.3
119	32.0		25.8	38.6

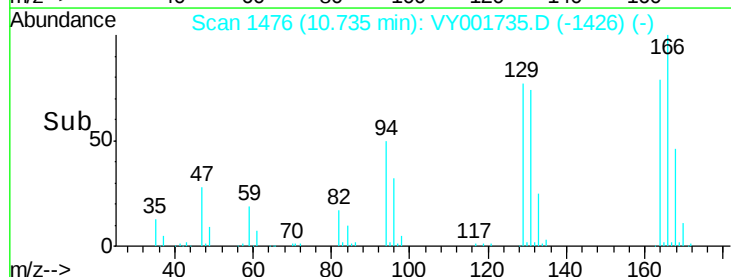
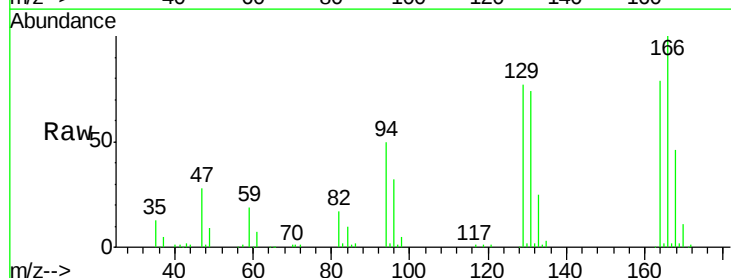
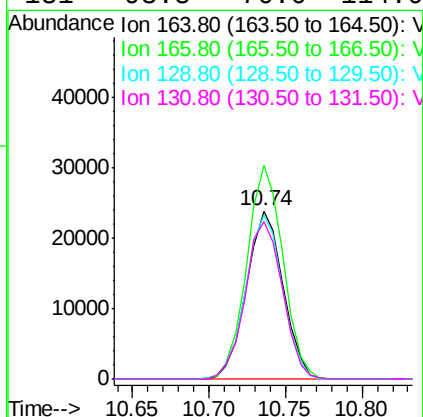
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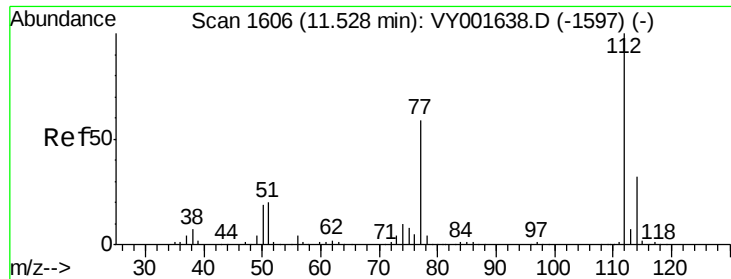
MMDadoda
2/24/2020 11:09:39 AM



#64
Tetrachloroethene
Concen: 19.738 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39651		
166	127.3		101.4	152.0
129	97.5		78.7	118.1
131	93.8		76.0	114.0





#65

Chlorobenzene

Concen: 20.125 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

Tot Ion:112 Resp: 128577

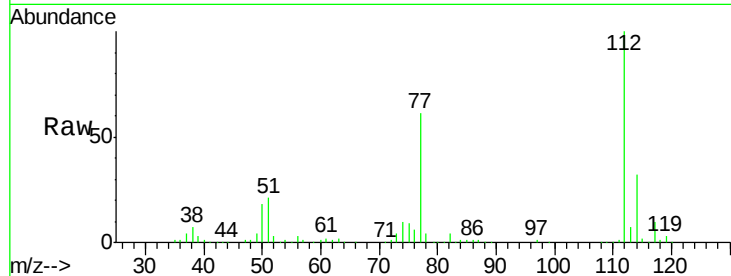
Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2

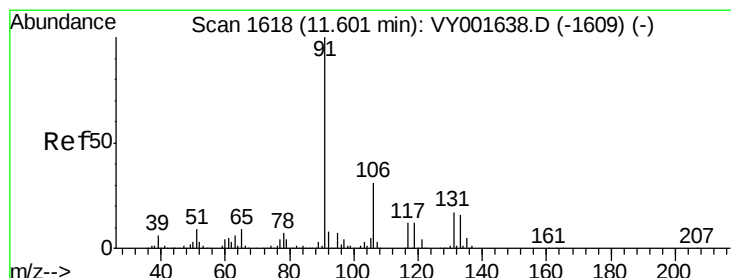
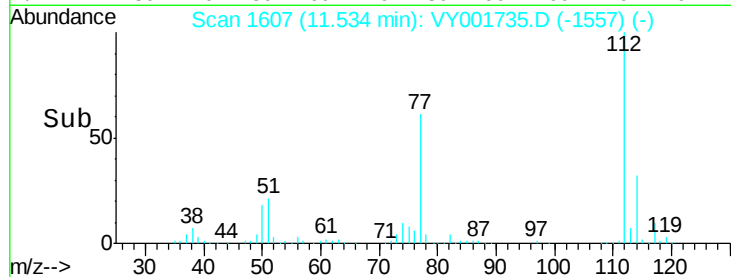
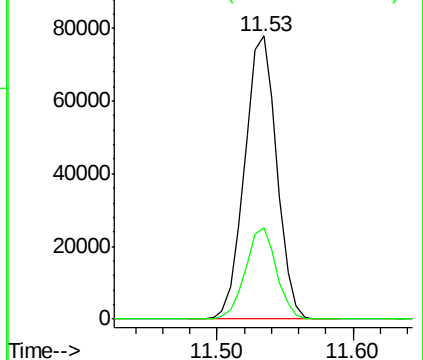
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.756 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

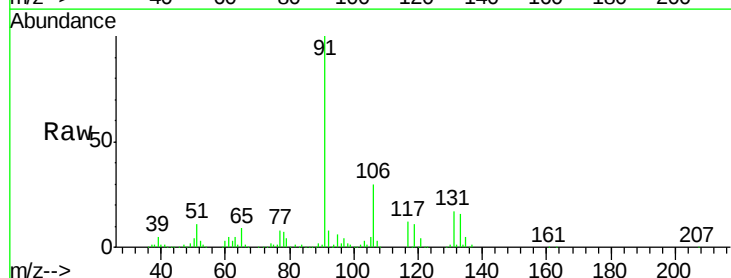
Tgt Ion:131 Resp: 42576

Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.2

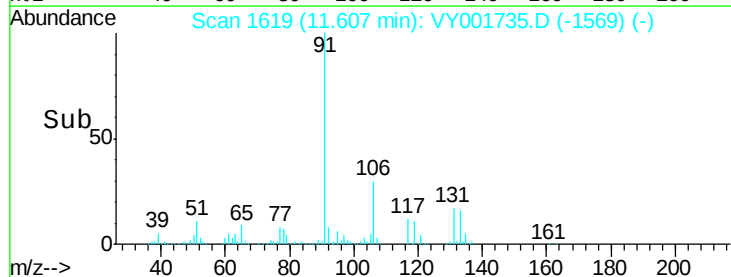
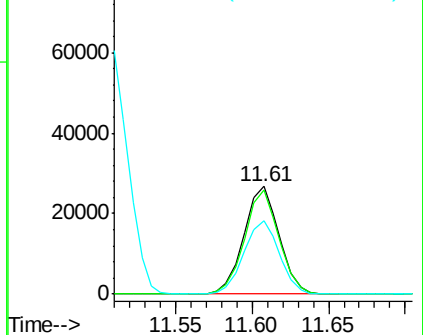
119 69.1 34.4 103.1

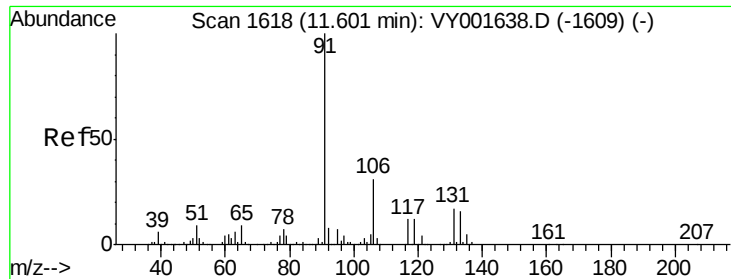


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.284 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 91 Resp: 240486

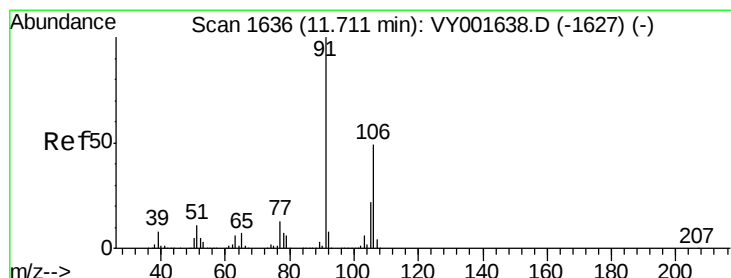
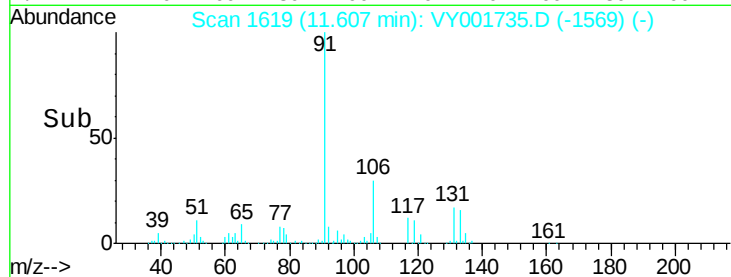
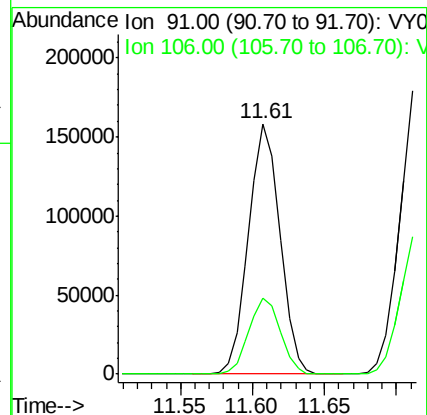
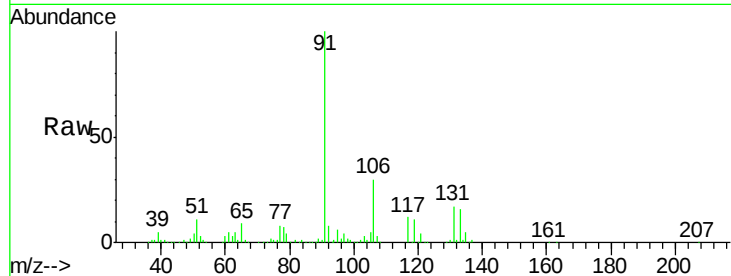
Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7

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#68

m/p-Xylenes

Concen: 40.454 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001735.D

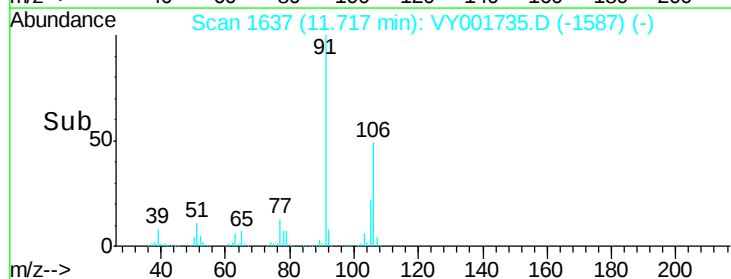
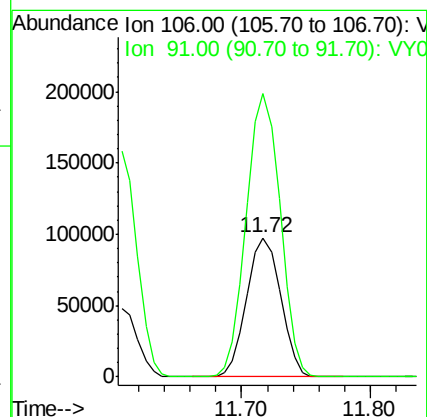
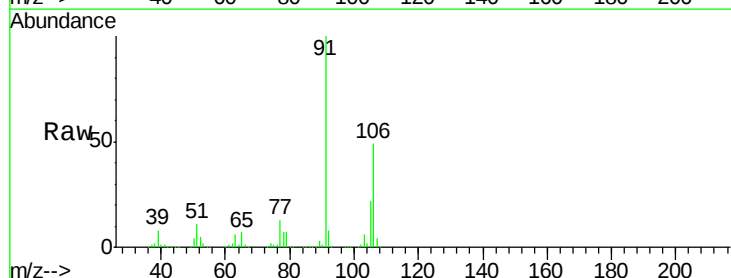
Acq: 21 Feb 2020 12:29

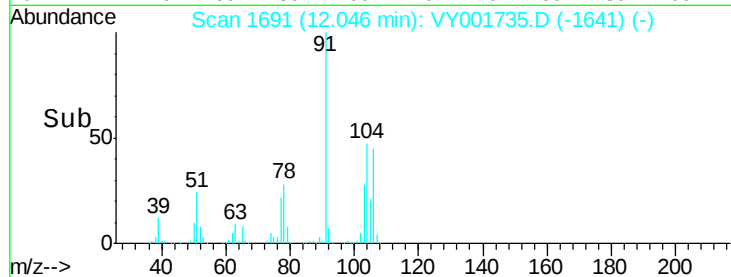
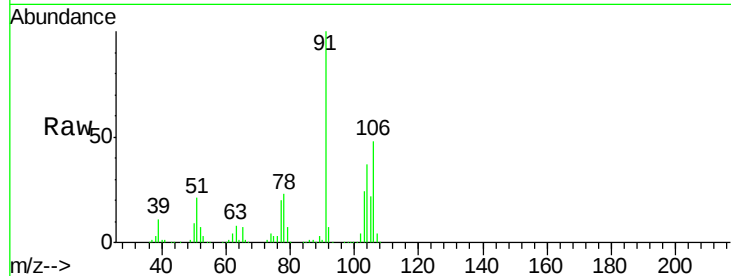
Tgt Ion: 106 Resp: 179163

Ion Ratio Lower Upper

106 100

91 202.8 163.3 244.9





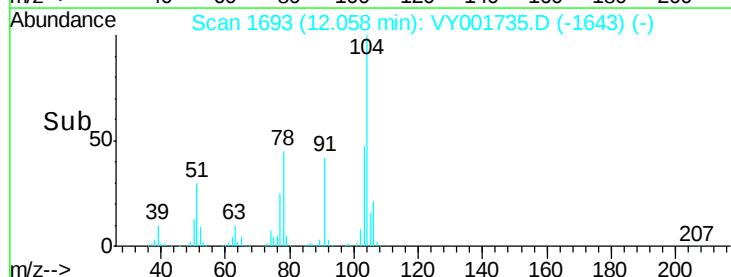
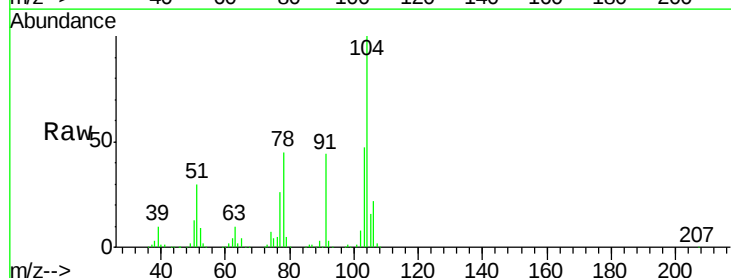
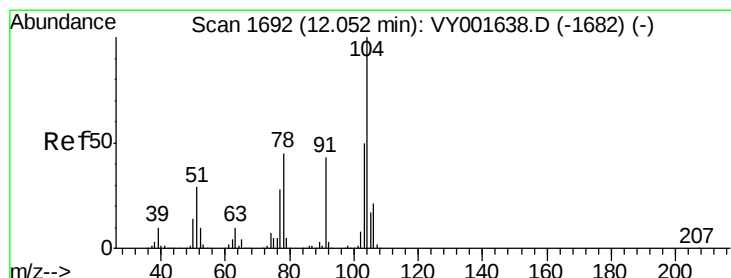
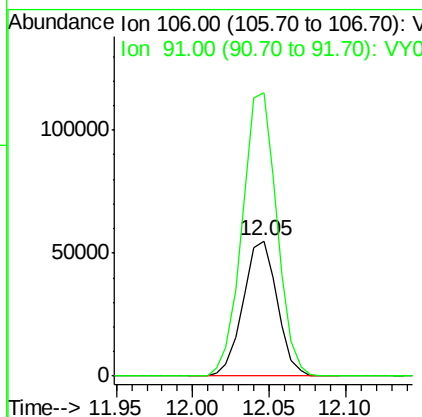
#69
o-Xylene
Concen: 20.263 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tot Ion:106 Resp: 85317
Ion Ratio Lower Upper
106 100
91 212.4 108.3 324.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

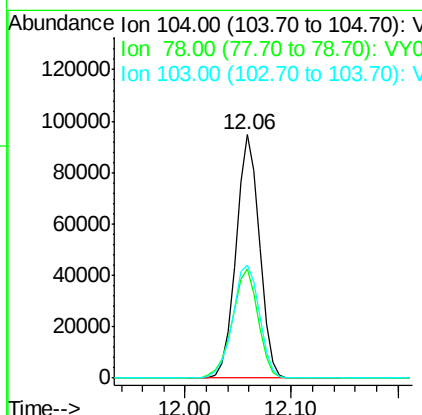
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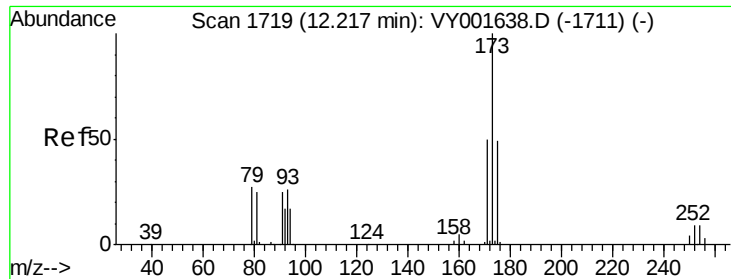
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#70
Styrene
Concen: 20.002 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion:104 Resp: 146360
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 53.1 43.0 64.6





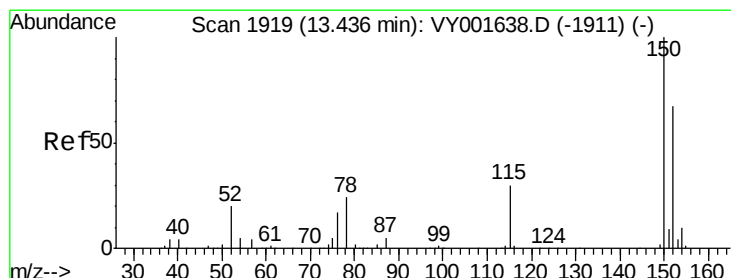
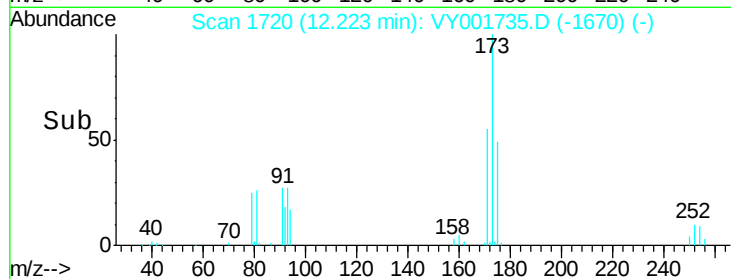
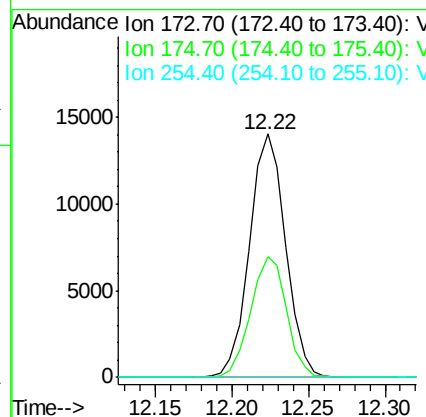
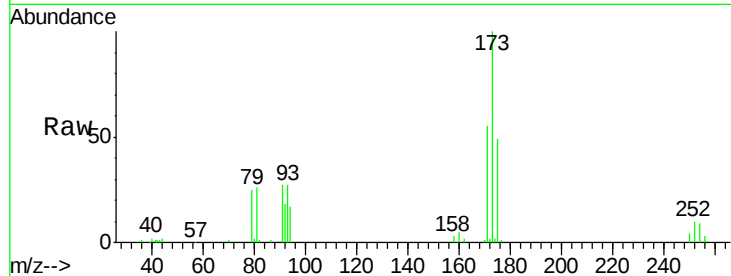
#71
Bromoform
Concen: 18.645 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	73.0
254	0.0	0.1	0.1#

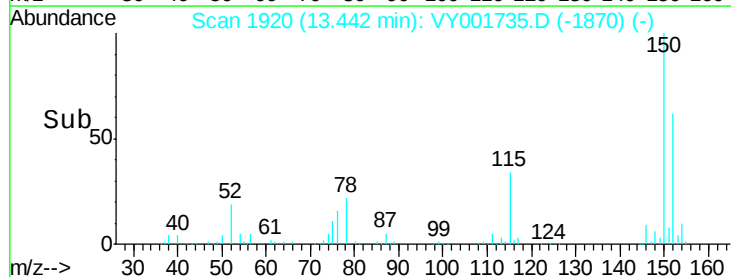
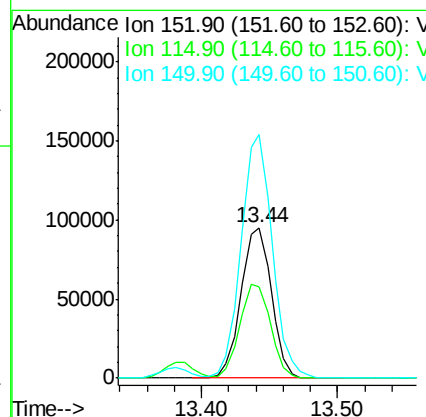
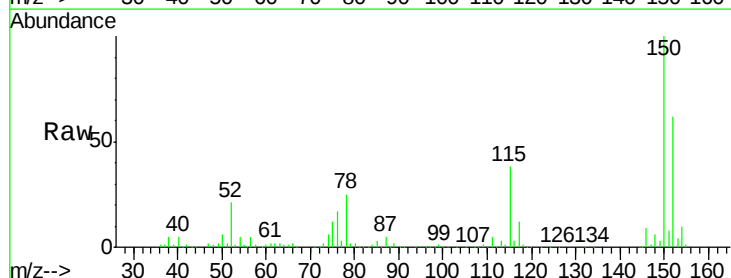
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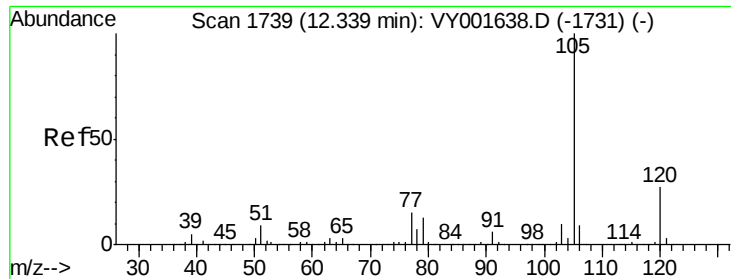
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.4	94.2
150	165.9	0.0	407.2





#73

Isopropylbenzene

Concen: 20.170 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tot Ion: 105 Resp: 228179

Ion Ratio Lower Upper

105 100

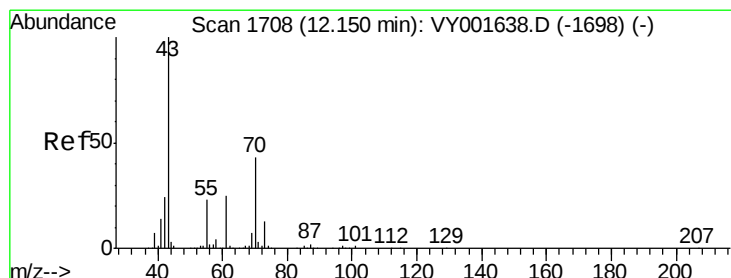
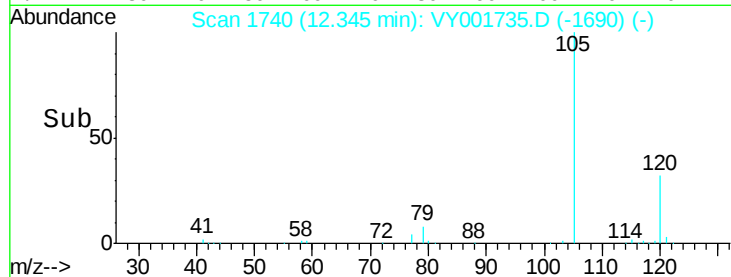
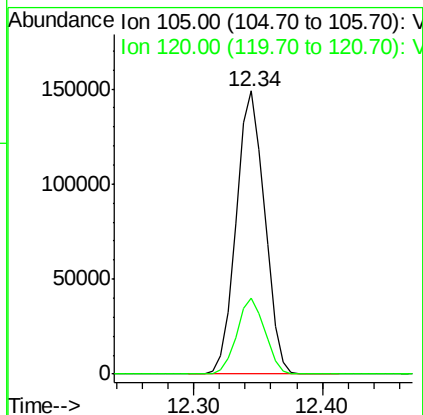
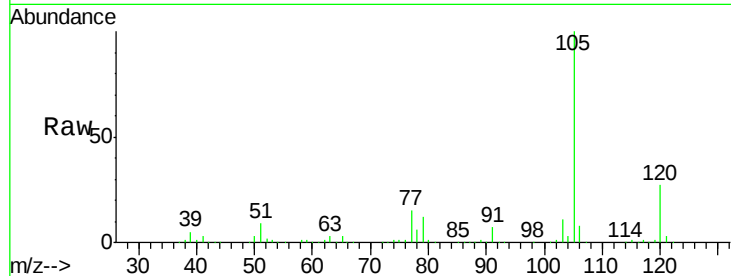
120 26.3 13.4 40.1

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#74

N-ethyl acetate

Concen: 19.376 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion: 43 Resp: 69954

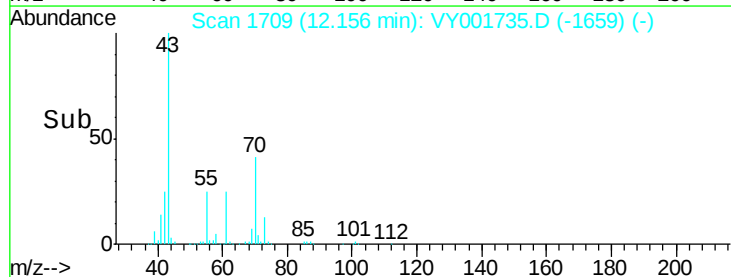
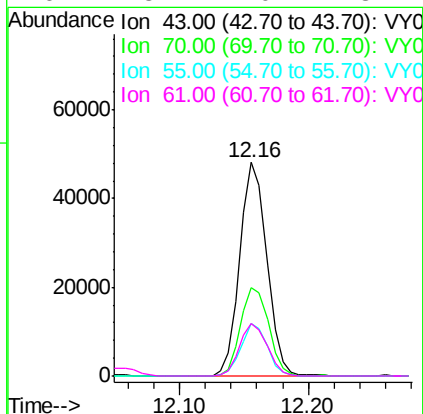
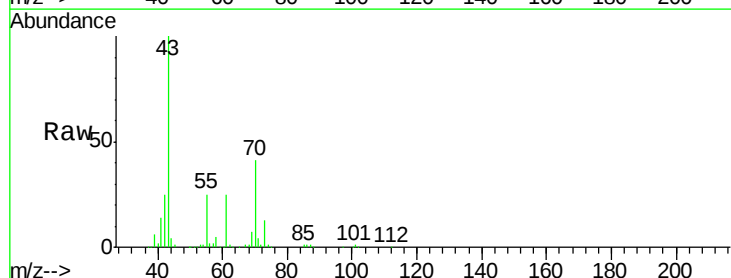
Ion Ratio Lower Upper

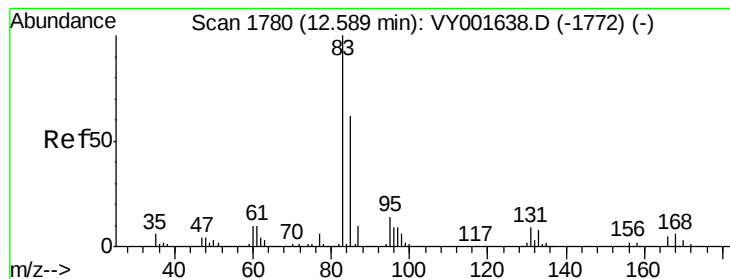
43 100

70 43.1 35.9 53.9

55 24.0 18.3 27.5

61 25.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.821 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

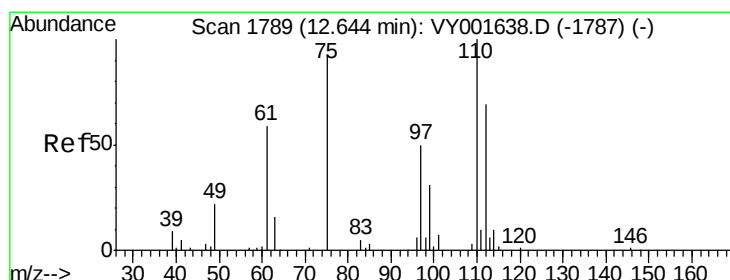
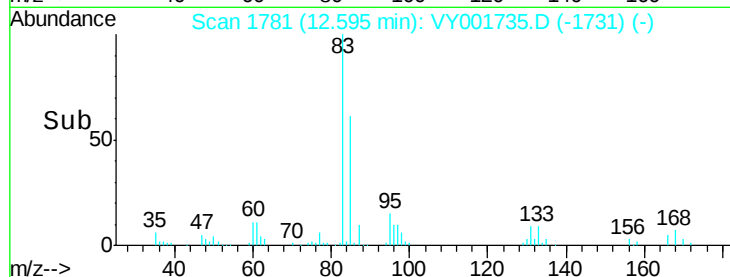
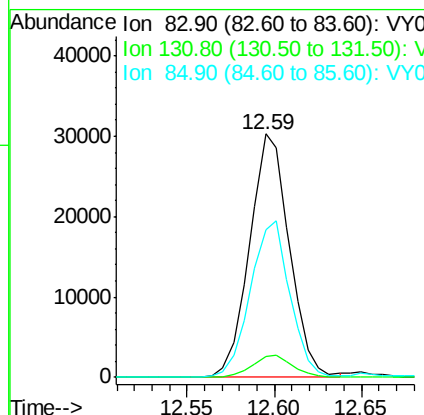
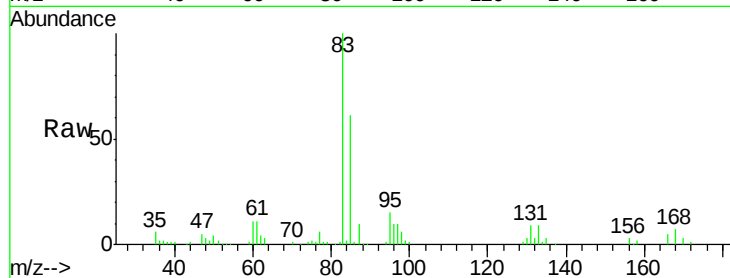
ClientSampleId :

VY0221SBS01

Tot Ion:	83	Resp:	47877
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	64.2	31.6	94.7

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#76

1,2,3-Trichloropropane

Concen: 18.070 ug/l m

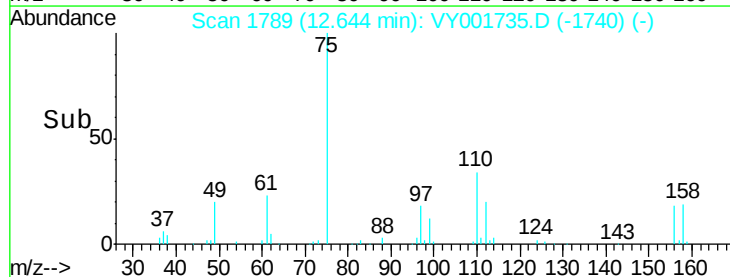
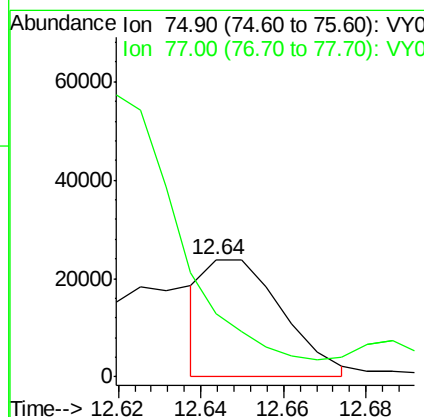
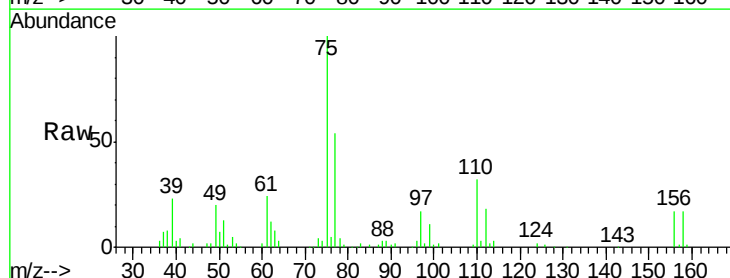
RT: 12.64 min Scan# 1789

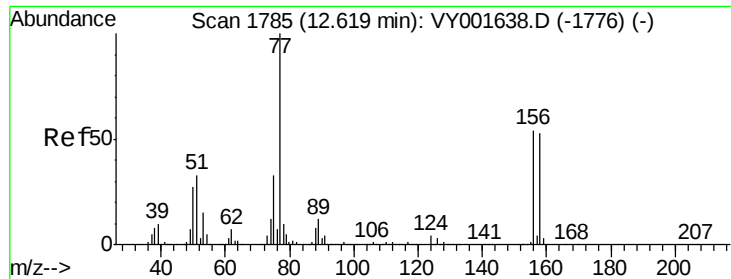
Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	75	Resp:	30781
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.066 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

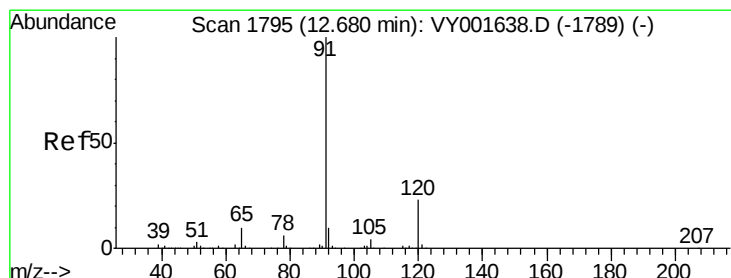
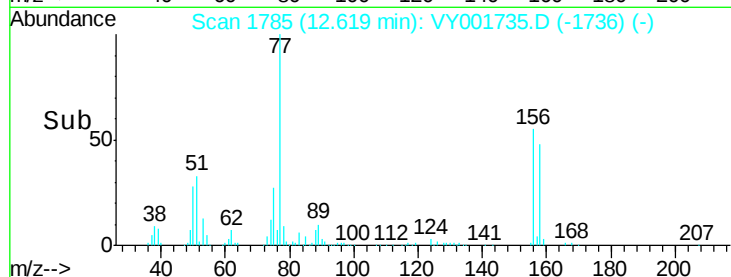
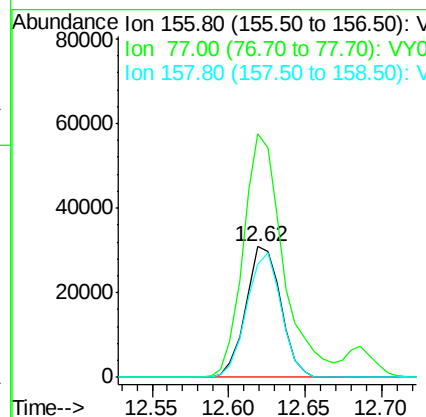
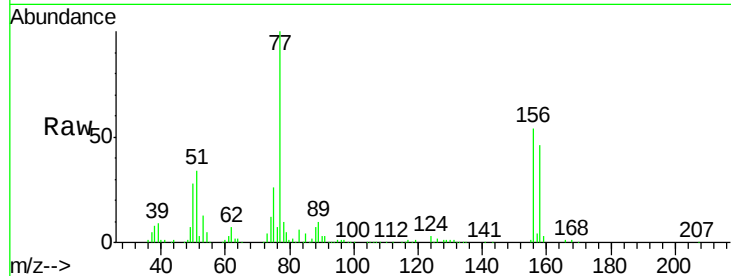
ClientSampleId :

VY0221SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.4	110.1	330.1
158	94.0	47.9	143.7

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#78

n-propylbenzene

Concen: 20.535 ug/l

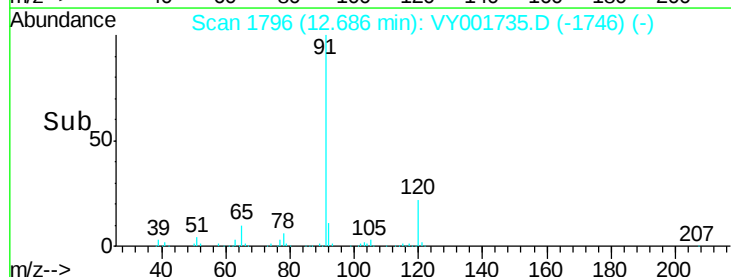
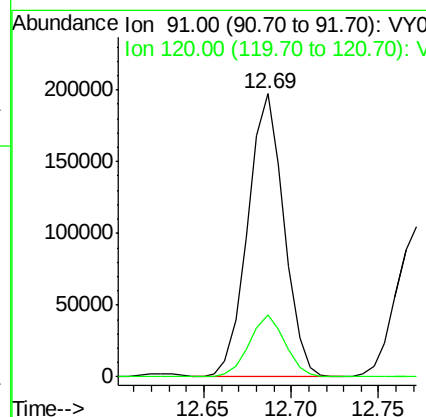
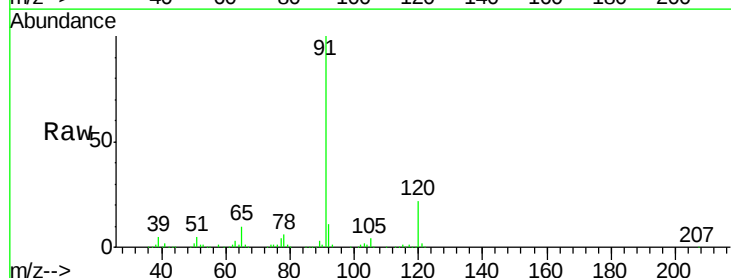
RT: 12.69 min Scan# 1796

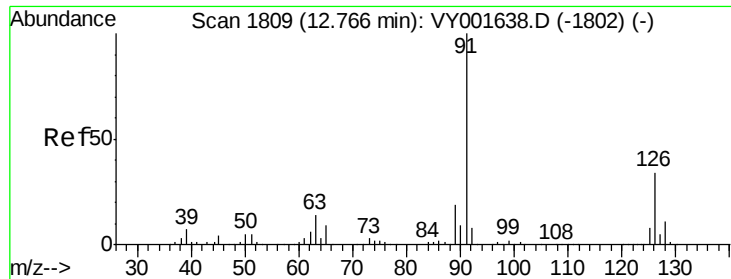
Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.1





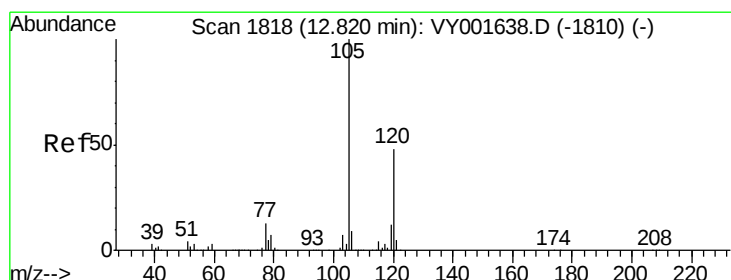
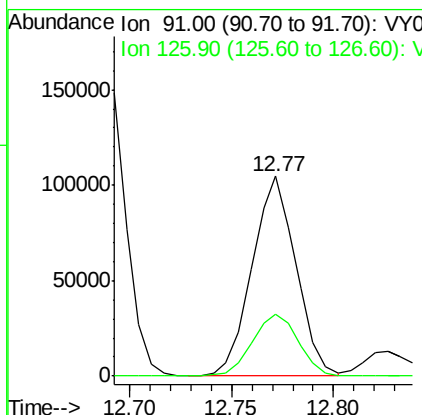
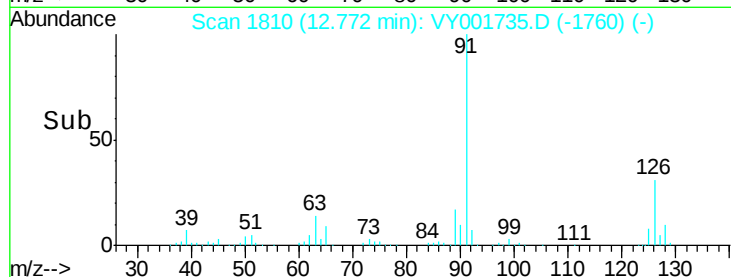
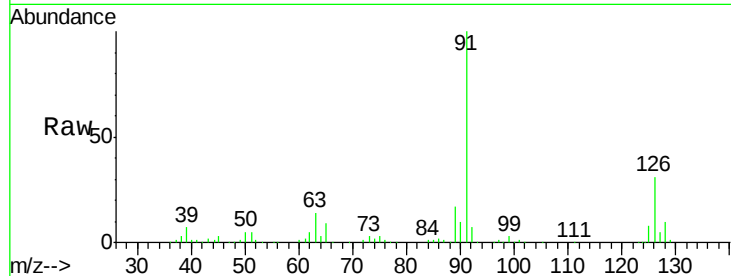
#79
2-Chlorotoluene
Concen: 20.269 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion: 91 Resp: 156627
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

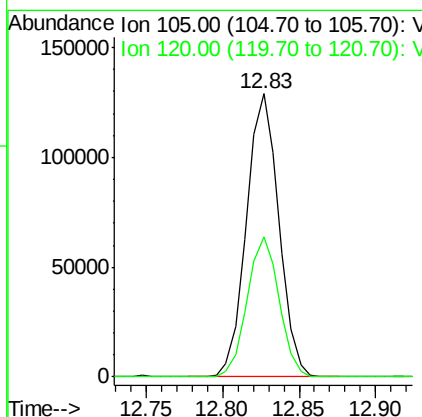
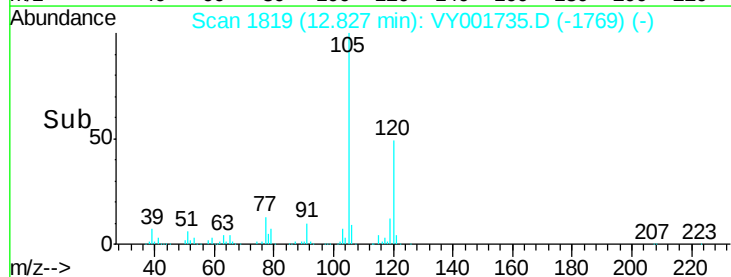
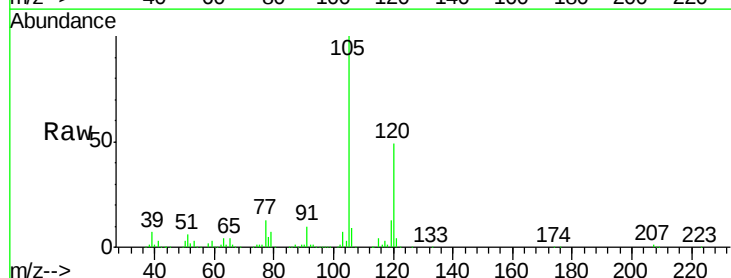
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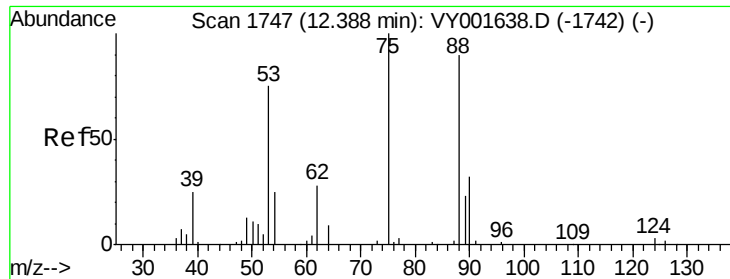
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#80
1,3,5-Trimethylbenzene
Concen: 20.302 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 105 Resp: 190113
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





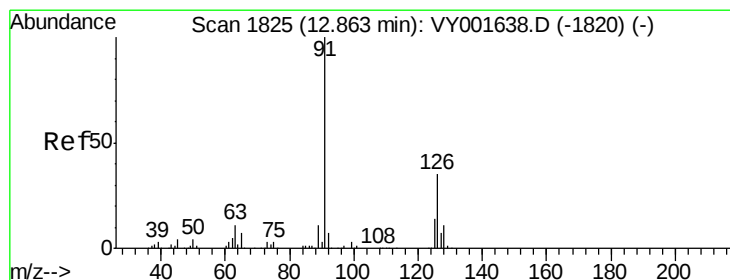
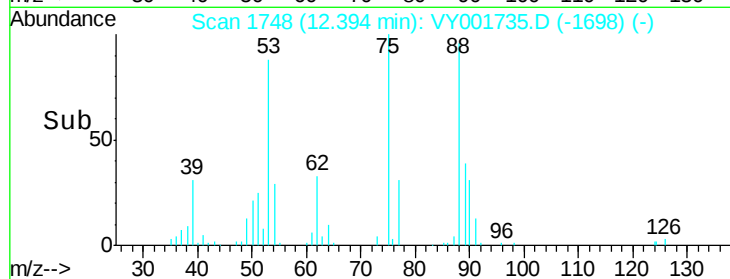
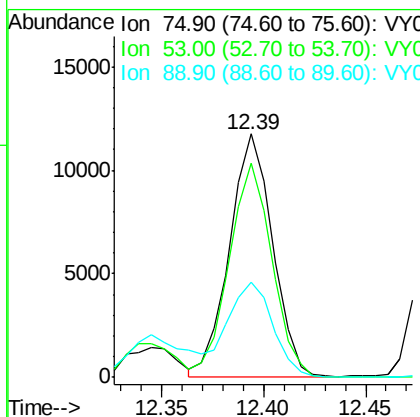
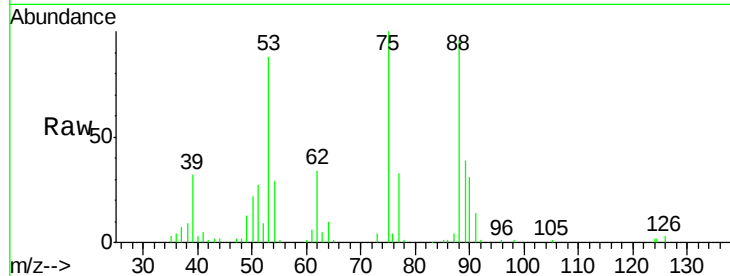
#81
trans-1,4-Dichloro-2-butene
Concen: 19.204 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.3	64.5	96.7
89	41.4	36.3	54.5

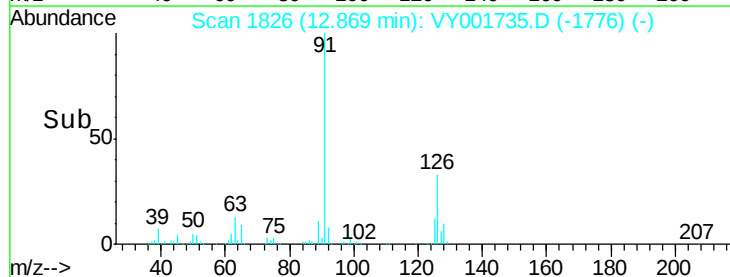
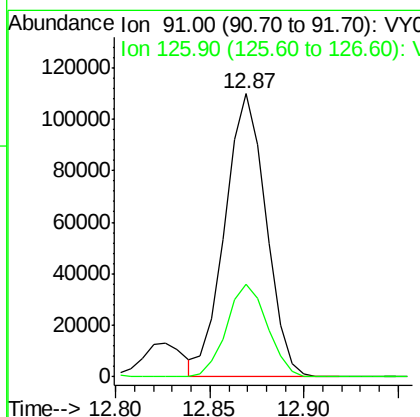
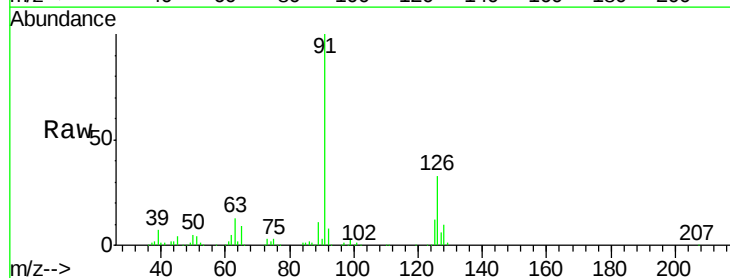
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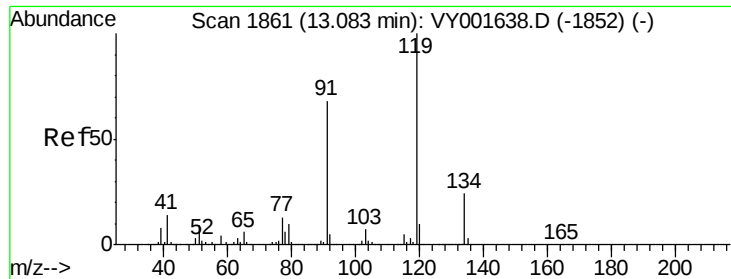
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#82
4-Chlorotoluene
Concen: 20.367 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.6





#83

tert-Butylbenzene

Concen: 20.229 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

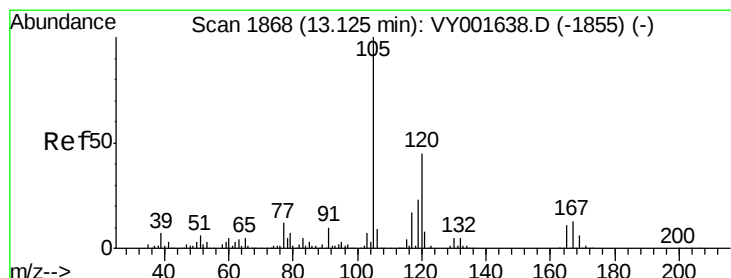
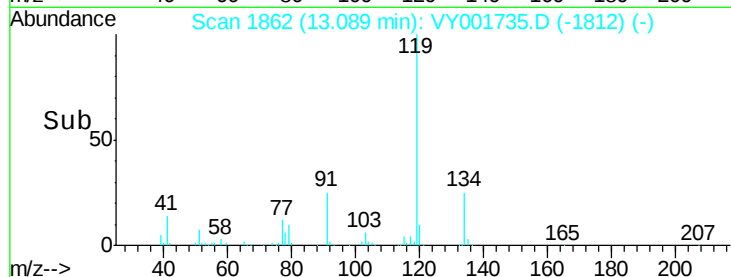
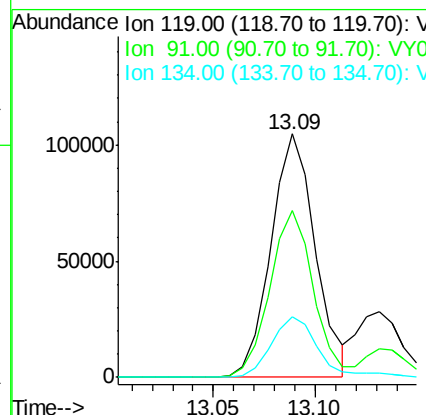
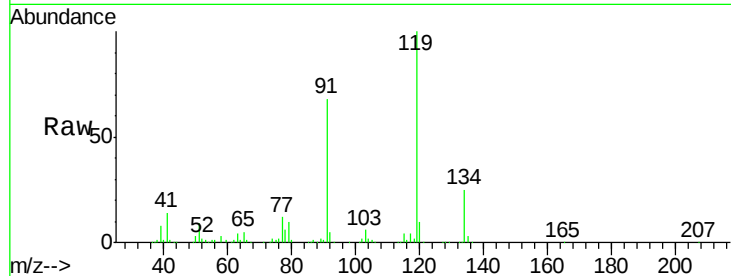
ClientSampleId :

VY0221SBS01

Tot Ion:	119	Resp:	158436
Ion Ratio	Lower	Upper	
119	100		
91	68.0	33.5	100.5
134	26.6	13.3	39.8

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#84

1,2,4-Trimethylbenzene

Concen: 20.459 ug/l

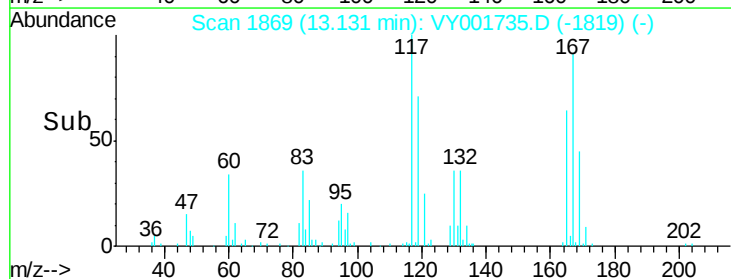
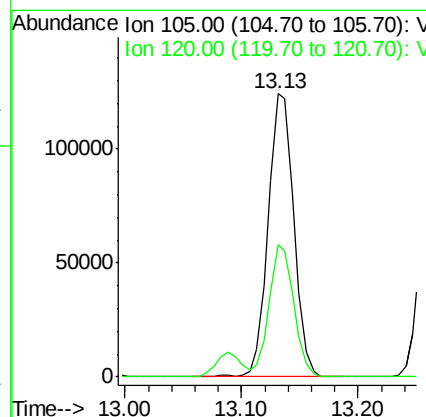
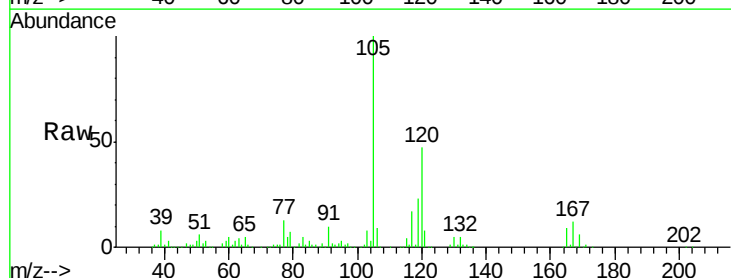
RT: 13.13 min Scan# 1869

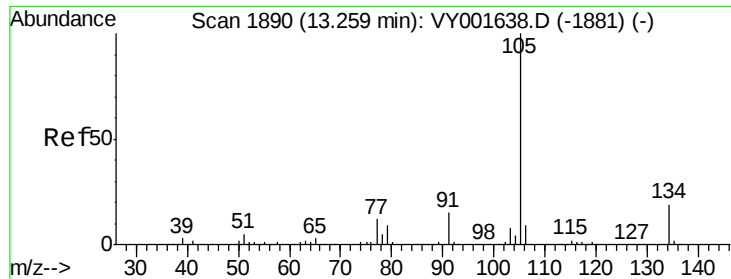
Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	105	Resp:	190999
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.4	67.3





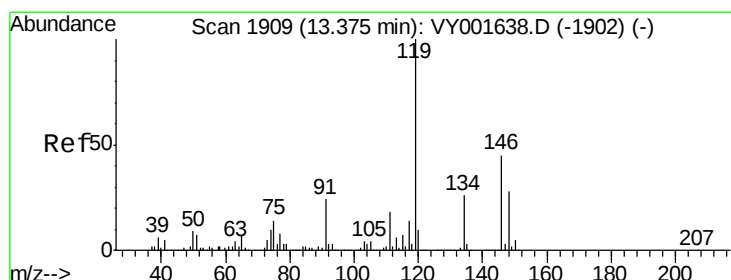
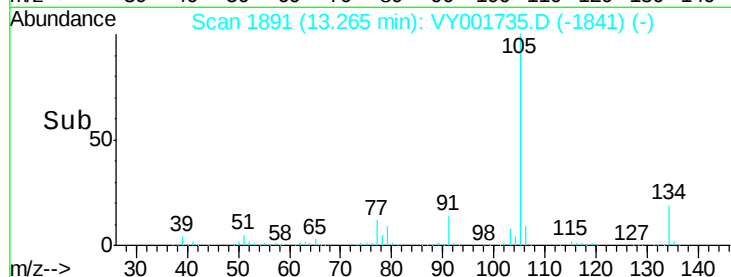
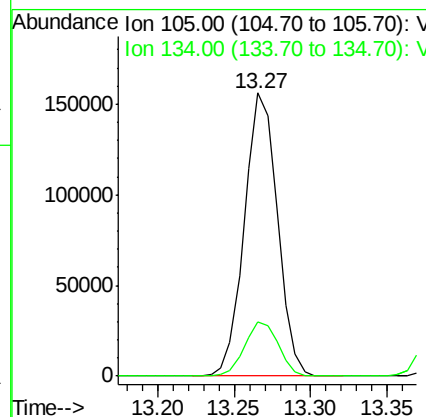
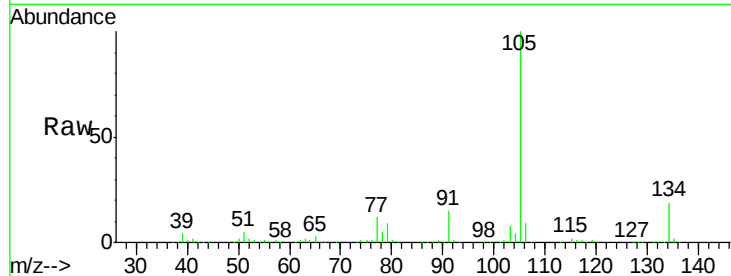
#85
 sec-Butylbenzene
 Concen: 20.375 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.3

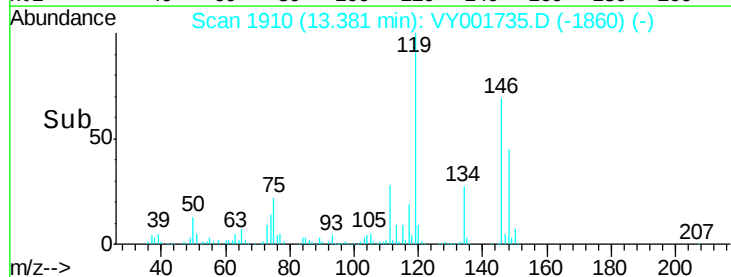
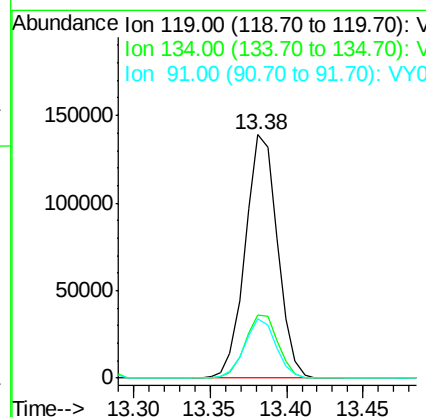
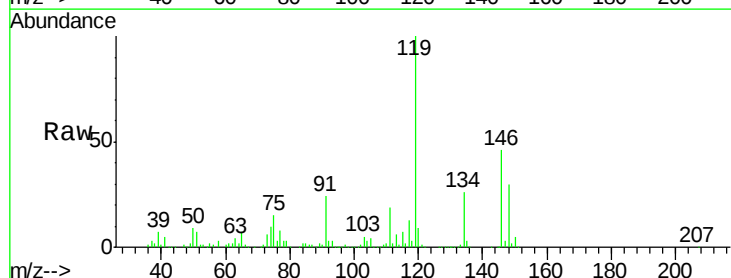
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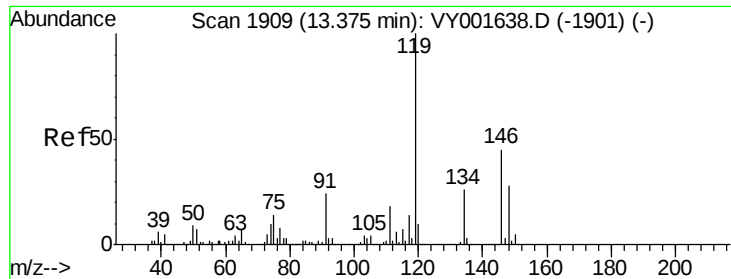
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#86
 p-Isopropyltoluene
 Concen: 20.316 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.0	39.0
91	24.1	12.2	36.6





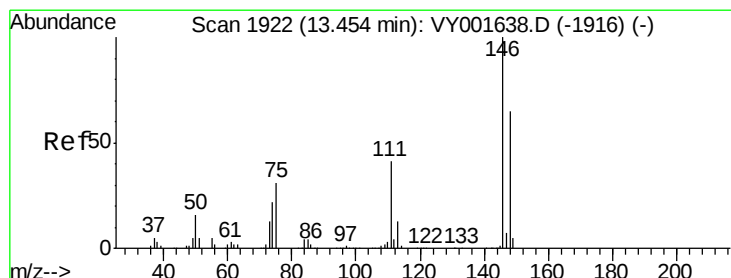
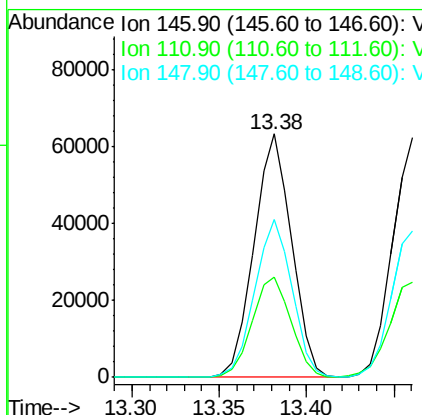
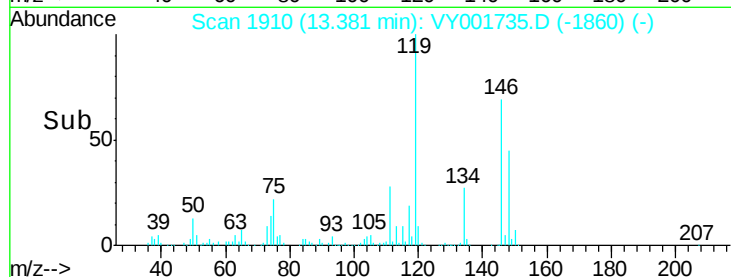
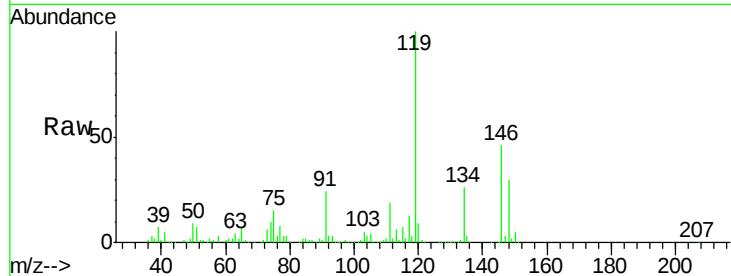
#87
 1,3-Dichlorobenzene
 Concen: 19.894 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	64.3	31.6	94.7

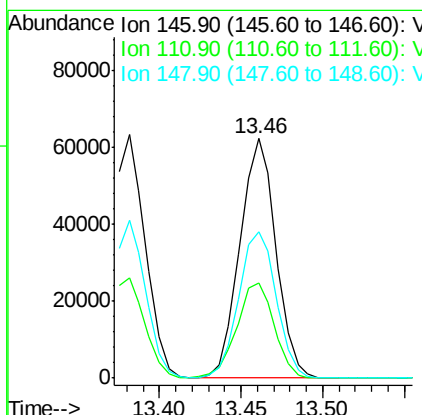
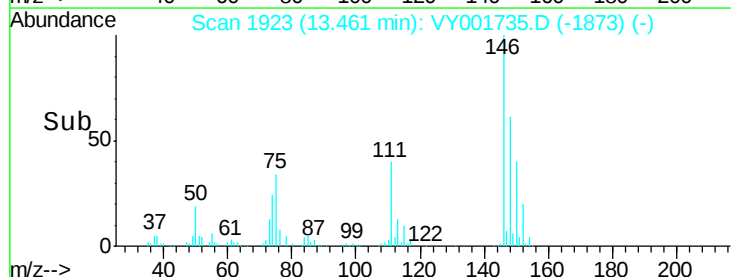
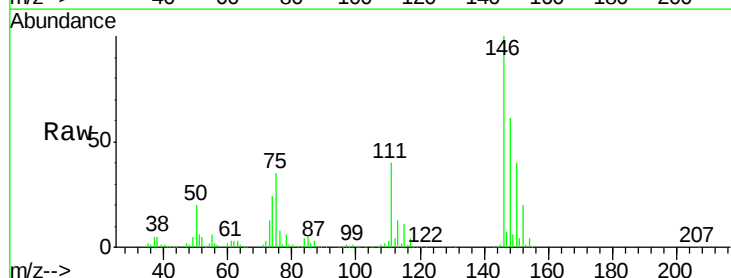
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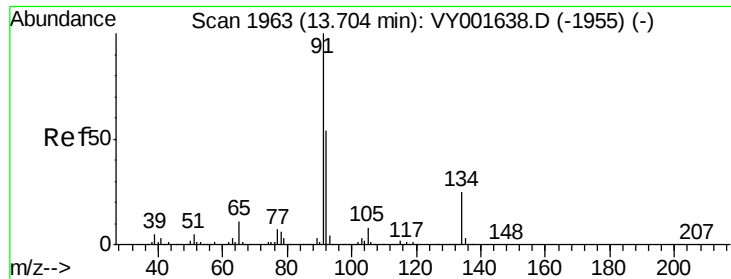
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#88
 1,4-Dichlorobenzene
 Concen: 19.944 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.3
148	63.6	31.6	94.7





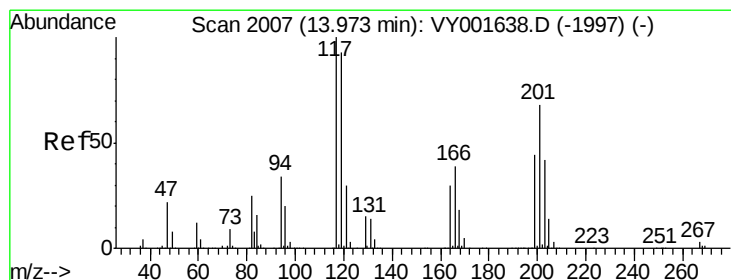
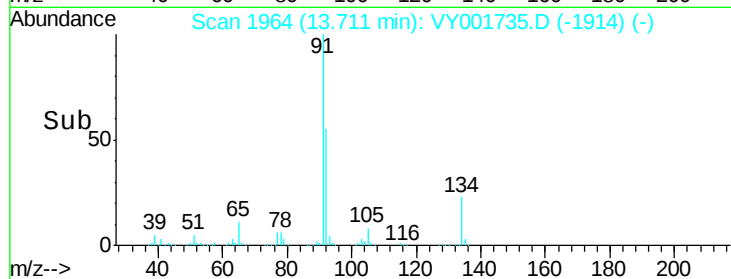
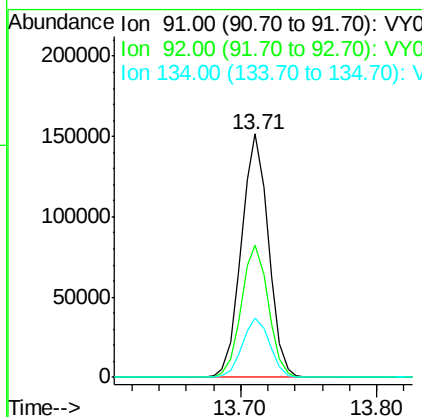
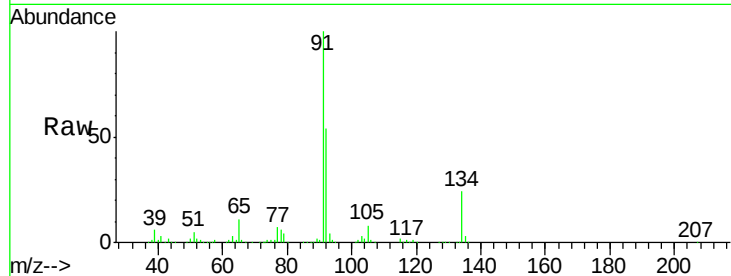
#89
n-Butylbenzene
Concen: 20.589 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	24.6	12.4	37.4

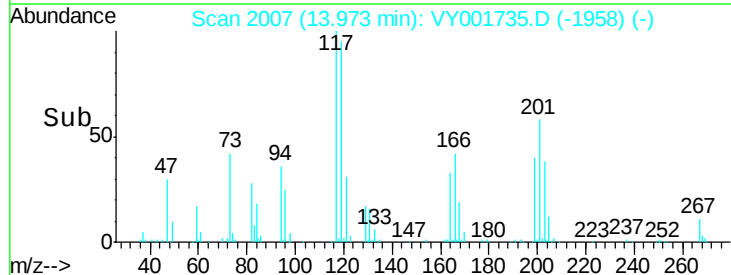
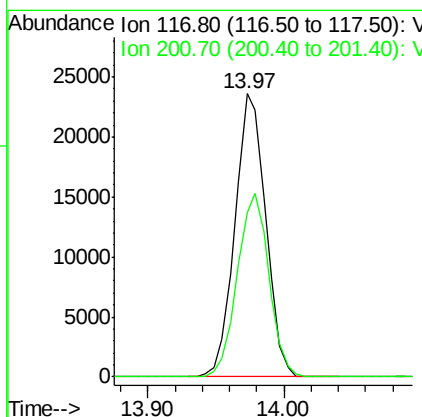
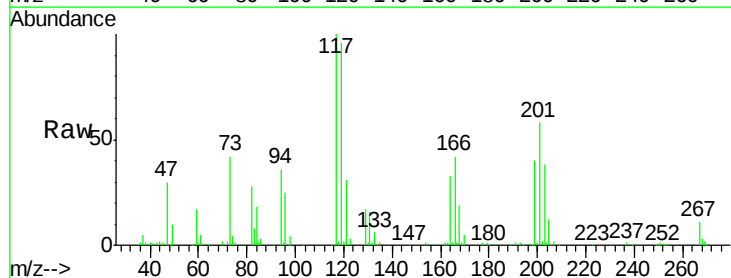
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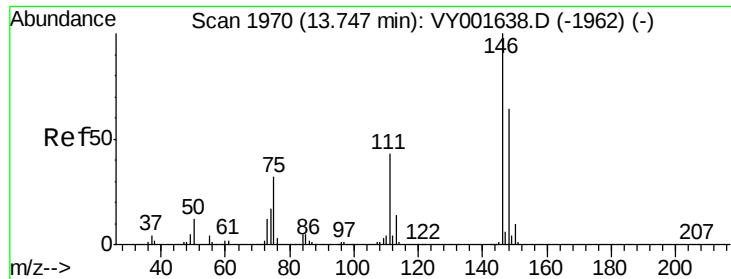
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#90
Hexachloroethane
Concen: 19.695 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.7	32.5	97.4





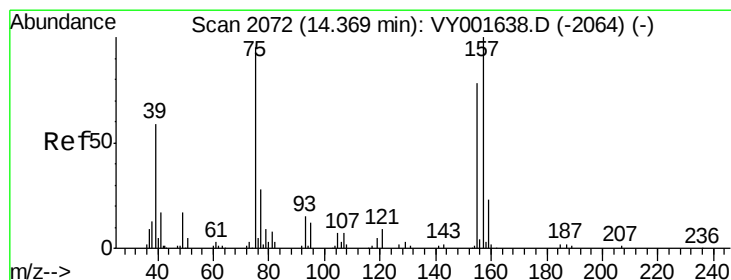
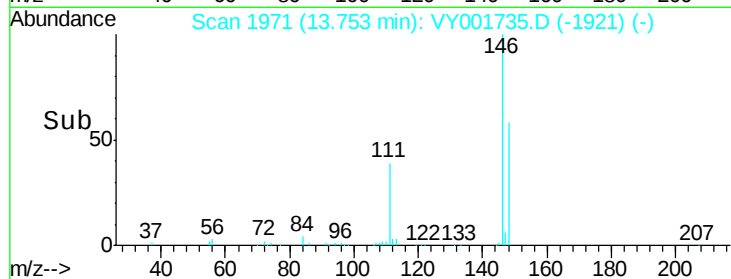
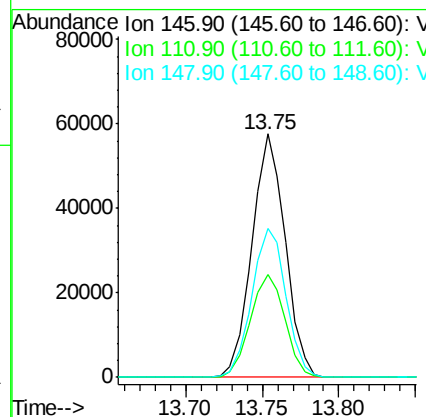
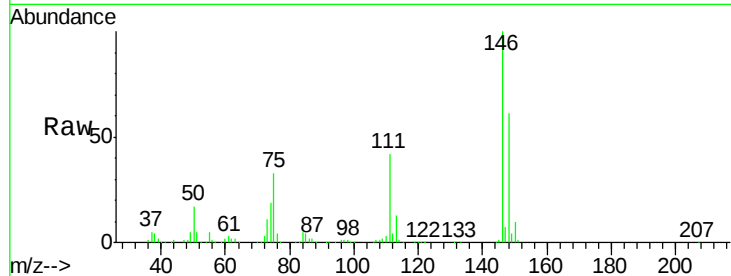
#91
 1,2-Dichlorobenzene
 Concen: 19.881 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.7
148	62.7	31.5	94.5

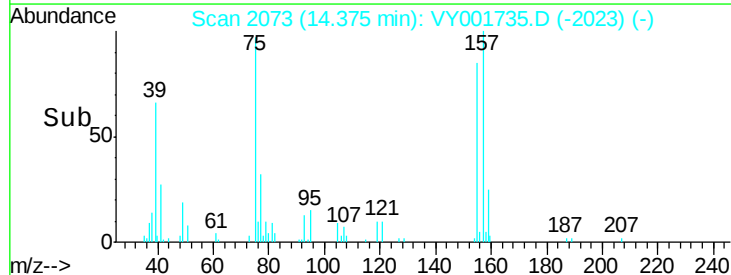
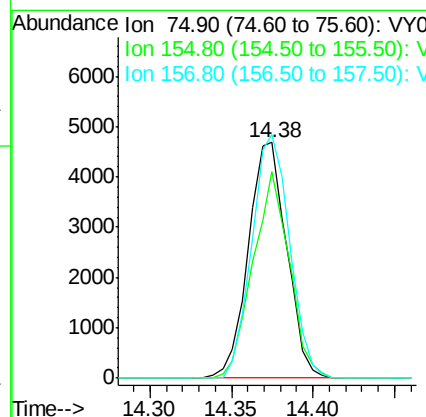
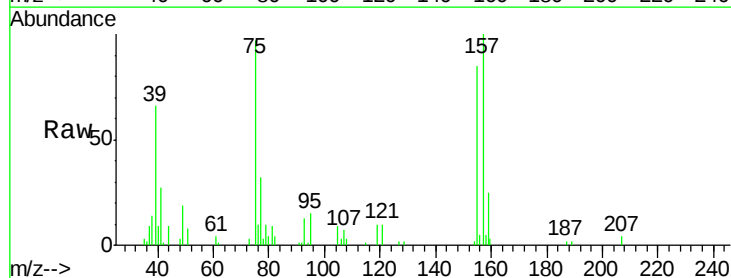
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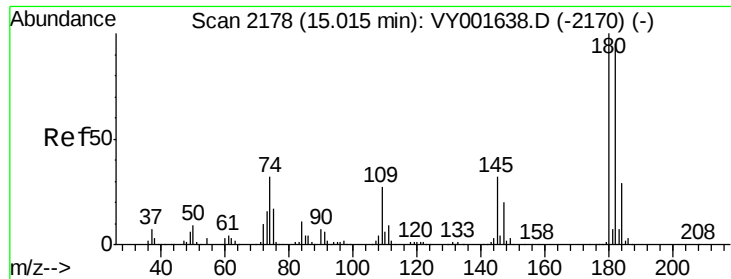
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.210 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	40.8	122.4
157	101.9	52.1	156.4





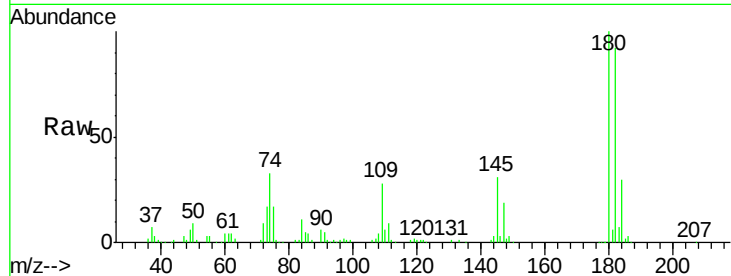
#93
1,2,4-Trichlorobenzene
Concen: 20.035 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

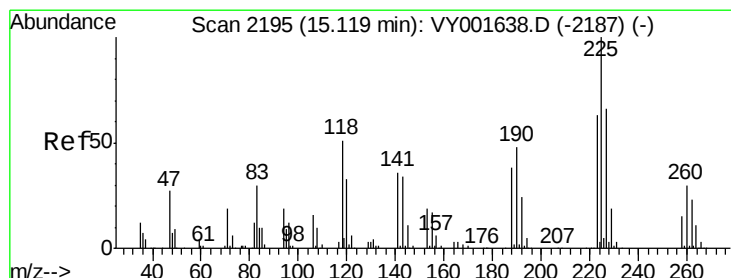
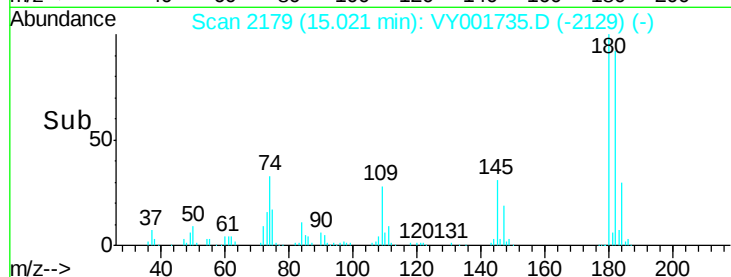
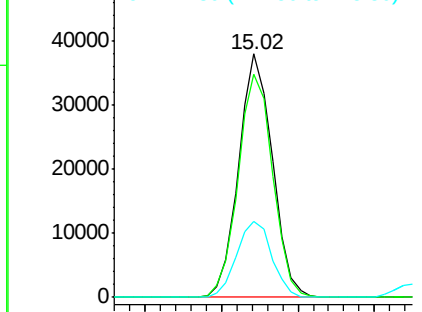
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.8	140.3
145	32.4	16.2	48.5

Manual Integrations
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MMDadoda
2/24/2020 11:09:39 AM

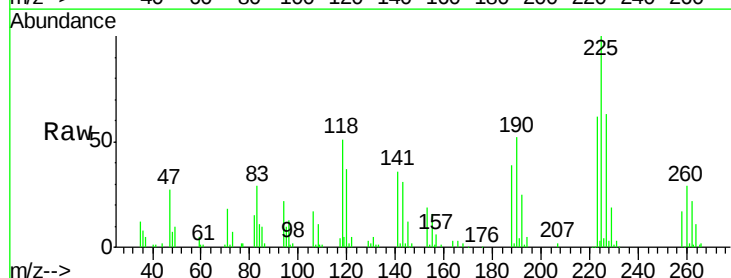


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

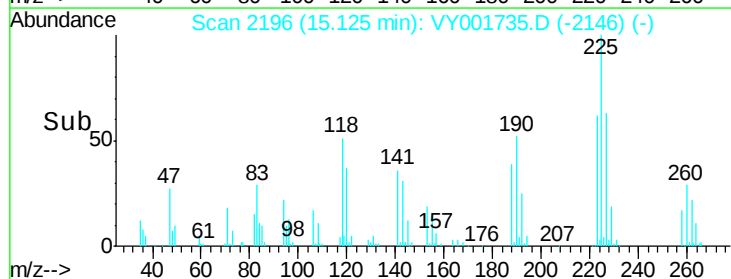
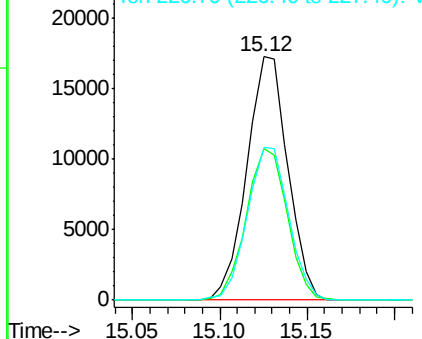


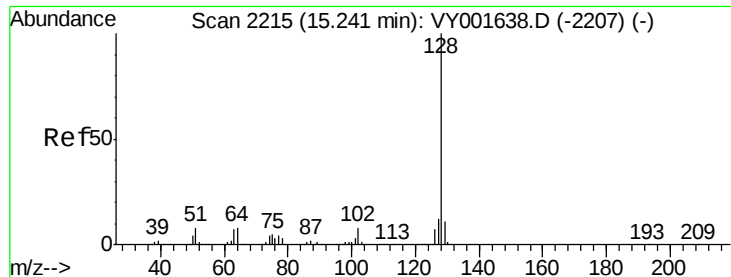
#94
Hexachlorobutadiene
Concen: 19.446 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.0
227	63.3	31.6	94.8



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





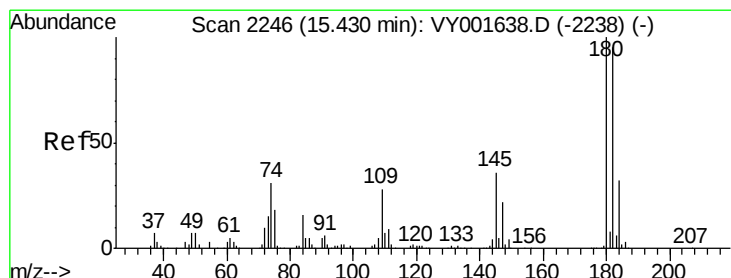
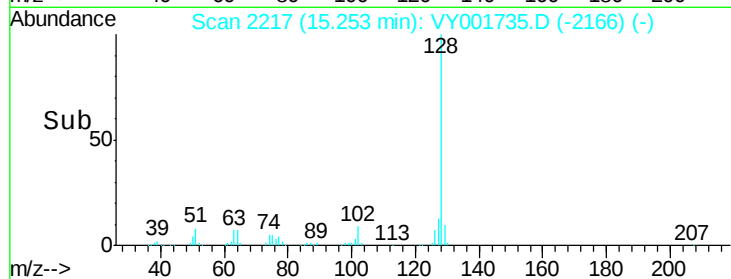
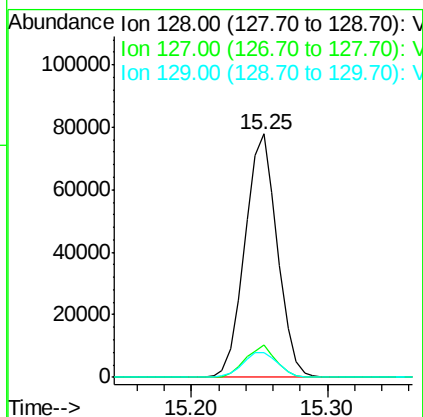
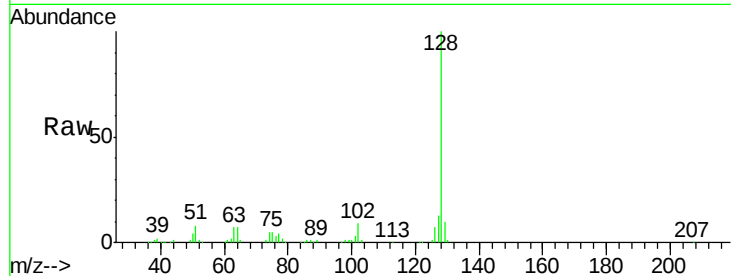
#95
Naphthalene
Concen: 19.293 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	129389		
127	12.6		9.9	14.9
129	11.1		8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.602 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	50161		
182	94.8		47.2	141.6
145	33.8		17.3	52.0

