

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001073.D
 Acq On : 26 Dec 2019 15:36
 Operator : SY/MD
 Sample : K6431-10MS
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Manual Integrations
 APPROVED

apatel
 12/27/2019 11:04:36 AM

Quant Time: Dec 27 06:23:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	132033	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.70	114	235560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	207206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	94171	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	72357	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	
35) Dibromofluoromethane	7.73	113	72687	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
50) Toluene-d8	10.18	98	307576	56.74	ug/l	0.00
Spiked Amount			Recovery	=	113.48%	
62) 4-Bromofluorobenzene	12.48	95	98605	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	51841	45.059	ug/l	97
3) Chloromethane	2.12	50	63774	40.728	ug/l	99
4) Vinyl Chloride	2.26	62	67307	44.262	ug/l	94
5) Bromomethane	2.66	94	44535	46.269	ug/l	96
6) Chloroethane	2.80	64	45065	47.581	ug/l	91
7) Trichlorofluoromethane	3.13	101	105153	47.145	ug/l	96
8) Diethyl Ether	3.54	74	45019	49.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	72578	49.538	ug/l	98
10) Methyl Iodide	4.10	142	86574	42.769	ug/l	99
11) Tert butyl alcohol	4.97	59	32323	225.747	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	70864	47.775	ug/l	92
13) Acrolein	3.74	56	30726	173.195	ug/l	100
14) Allyl chloride	4.49	41	110986	48.165	ug/l	99
15) Acrylonitrile	5.18	53	113137	248.644	ug/l	99
16) Acetone	3.96	43	71635	238.788	ug/l	98
17) Carbon Disulfide	4.20	76	185298	38.230	ug/l	100
18) Methyl Acetate	4.49	43	110571	96.070	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	196630	51.361	ug/l	97
20) Methylene Chloride	4.73	84	85150	48.222	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	79182	48.168	ug/l	94
22) Diisopropyl ether	6.13	45	243900	52.367	ug/l	96
23) Vinyl Acetate	6.08	43	464072	157.770	ug/l	97
24) 1,1-Dichloroethane	6.04	63	139081	50.531	ug/l	97
25) 2-Butanone	7.00	43	129567	245.851	ug/l #	88
26) 2,2-Dichloropropane	6.99	77	106322	47.018	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	89448	49.528	ug/l	98
28) Bromochloromethane	7.35	49	65255	60.763	ug/l	97
29) Tetrahydrofuran	7.36	42	91845	244.999	ug/l	100
30) Chloroform	7.52	83	133268	51.205	ug/l	99
31) Cyclohexane	7.80	56	122647	42.376	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	111612	50.272	ug/l	99
36) 1,1-Dichloropropene	7.93	75	106730	47.494	ug/l	99
37) Ethyl Acetate	7.08	43	51355	41.272	ug/l	97
38) Carbon Tetrachloride	7.91	117	95141	48.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	129378	43.354	ug/l	95
40) Benzene	8.17	78	333885	49.249	ug/l	98
41) Methacrylonitrile	7.33	41	28976m	53.712	ug/l	
42) 1,2-Dichloroethane	8.25	62	81292	50.153	ug/l	100
43) Isopropyl Acetate	8.28	43	98223	42.642	ug/l	97
44) Trichloroethene	8.95	130	88704	49.659	ug/l	100
45) 1,2-Dichloropropane	9.22	63	85066	50.016	ug/l	100
46) Dibromomethane	9.31	93	44890	51.202	ug/l	99
47) Bromodichloromethane	9.50	83	102545	50.495	ug/l	98
48) Methyl methacrylate	9.30	41	52917	53.835	ug/l	96
49) 1,4-Dioxane	9.30	88	13926	1085.845	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	292995	244.045	ug/l	98
52) Toluene	10.25	92	206308	49.441	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	107508	48.778	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	130656	49.300	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	67679	51.709	ug/l	99
56) Ethyl methacrylate	10.51	69	80415	43.169	ug/l	98
57) 1,3-Dichloropropane	10.79	76	116546	50.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	166096	230.854	ug/l	100
59) 2-Hexanone	10.83	43	206287	248.320	ug/l	100
60) Dibromochloromethane	10.99	129	71983	51.487	ug/l	96
61) 1,2-Dibromoethane	11.09	107	63020	50.351	ug/l	99
64) Tetrachloroethene	10.72	164	89433	49.884	ug/l	99
65) Chlorobenzene	11.52	112	211805	49.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	73648	51.924	ug/l	97
67) Ethyl Benzene	11.59	91	384687	49.760	ug/l	99
68) m/p-Xylenes	11.70	106	291018	99.142	ug/l	99
69) o-Xylene	12.03	106	139236	50.420	ug/l	99
70) Styrene	12.04	104	235424	50.138	ug/l	99
71) Bromoform	12.20	173	40542	51.333	ug/l #	99
73) Isopropylbenzene	12.33	105	368289	50.538	ug/l	100
74) N-amyl acetate	12.14	43	67660	35.341	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	75630	52.681	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	62856m	54.143	ug/l	
77) Bromobenzene	12.61	156	84537	51.579	ug/l	97
78) n-propylbenzene	12.67	91	438940	49.432	ug/l	100
79) 2-Chlorotoluene	12.75	91	236678	48.264	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	296289	49.601	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25170	46.240	ug/l	93
82) 4-Chlorotoluene	12.85	91	261719	51.384	ug/l	96
83) tert-Butylbenzene	13.07	119	254221	50.699	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	297794	49.611	ug/l	99
85) sec-Butylbenzene	13.25	105	362433	49.029	ug/l	100
86) p-Isopropyltoluene	13.36	119	316014	49.405	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	155345	49.351	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	153551	48.356	ug/l	100
89) n-Butylbenzene	13.69	91	311820	48.453	ug/l	99
90) Hexachloroethane	13.95	117	57950	48.087	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	146950	50.609	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10976	45.697	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	90582	46.217	ug/l	99
94) Hexachlorobutadiene	15.11	225	45140	48.399	ug/l	99
95) Naphthalene	15.23	128	256269	55.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	82748	47.343	ug/l	99

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

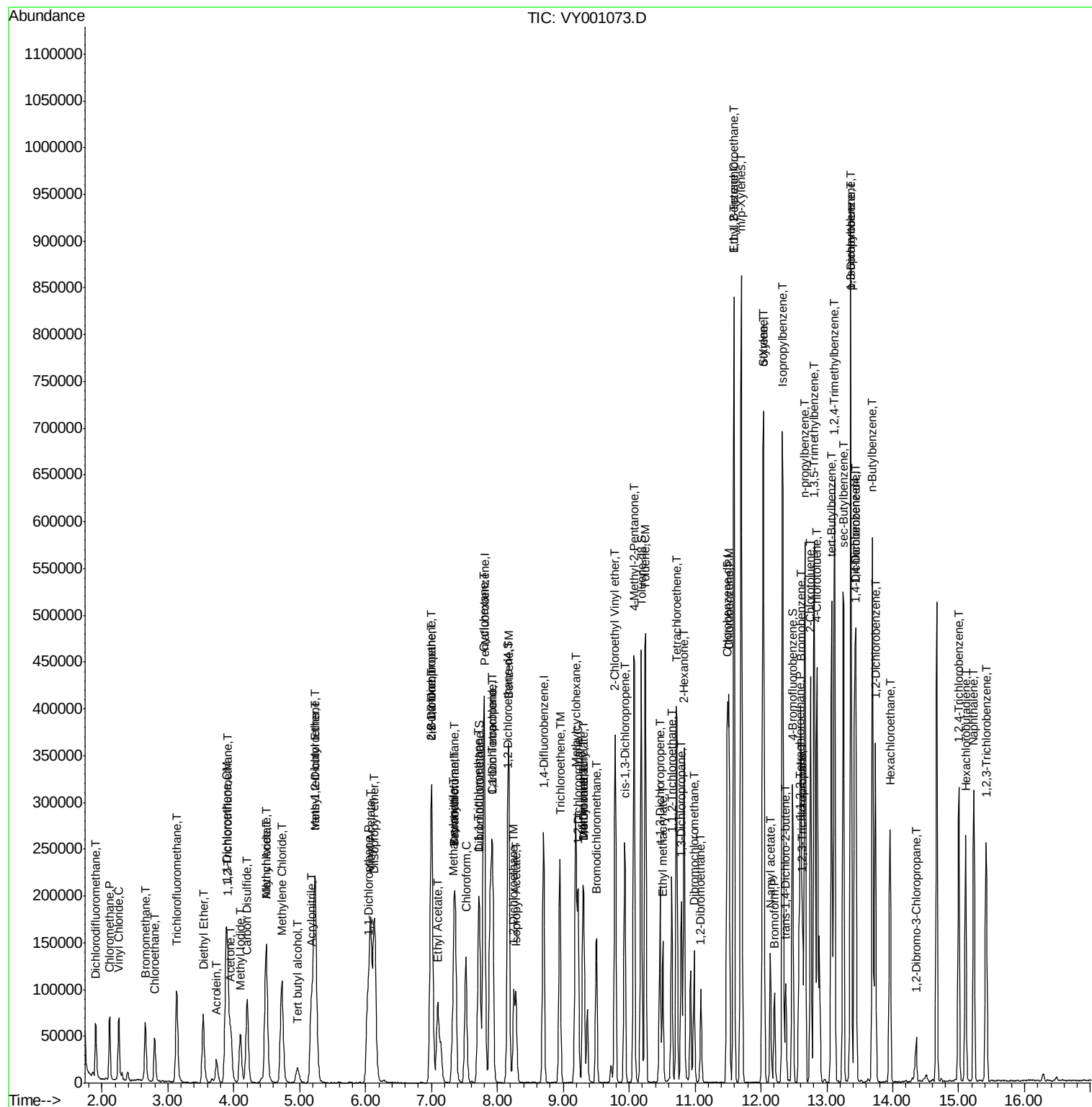
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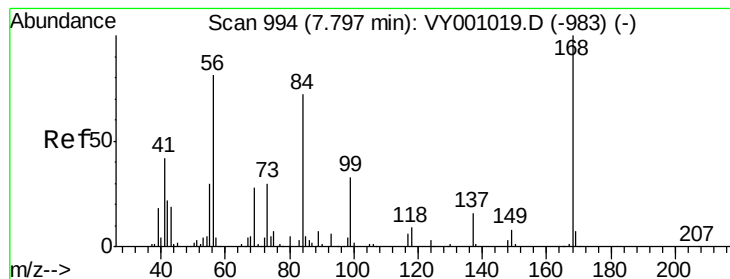
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion:168 Resp: 132033

Ion Ratio Lower Upper

168 100

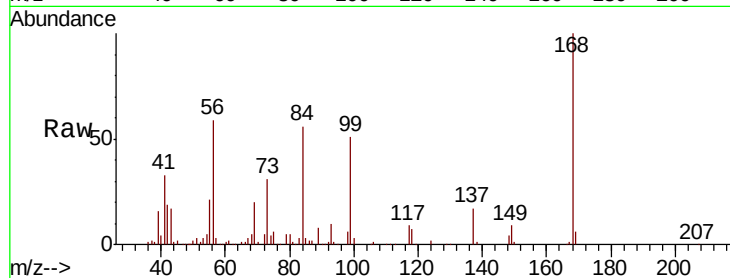
99 50.8 44.0 66.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

60000

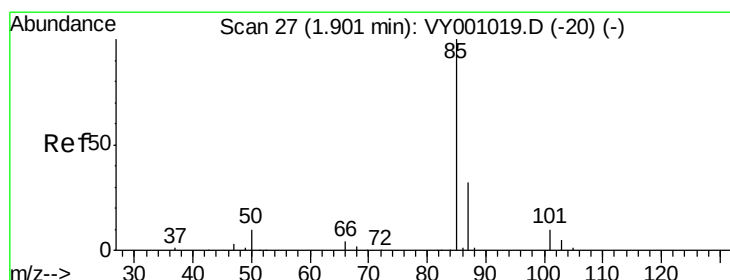
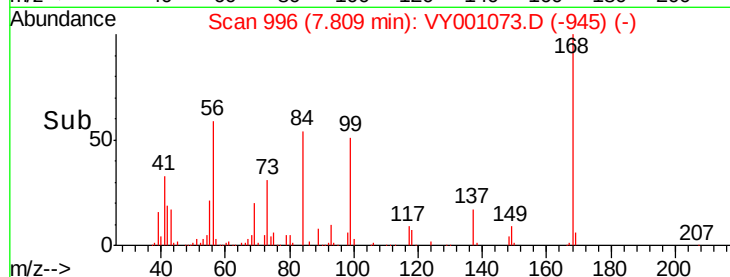
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.059 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001073.D

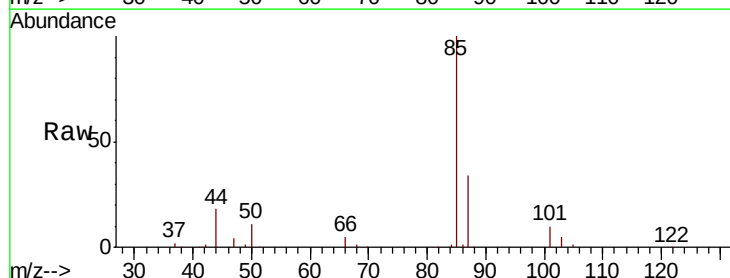
Acq: 26 Dec 2019 15:36

Tgt Ion: 85 Resp: 51841

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

30000

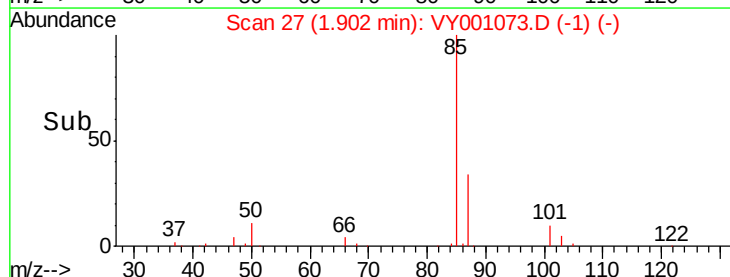
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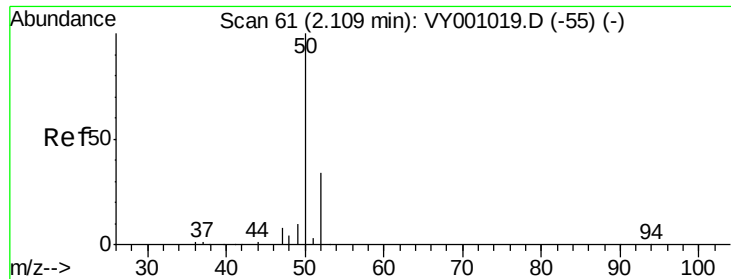
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.728 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 50 Resp: 63774

Ion Ratio Lower Upper

50 100

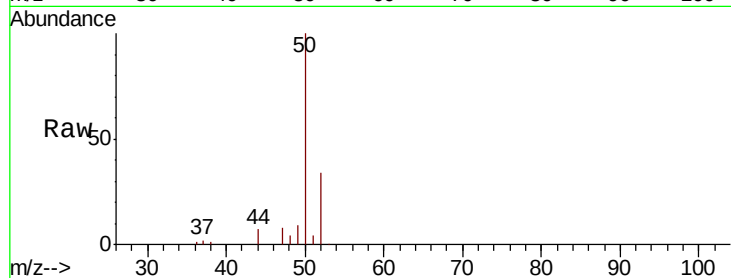
52 34.5 27.1 40.7

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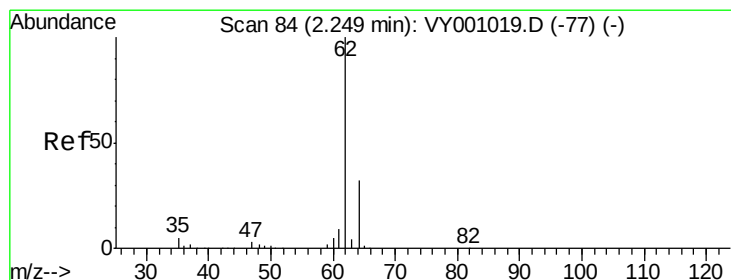
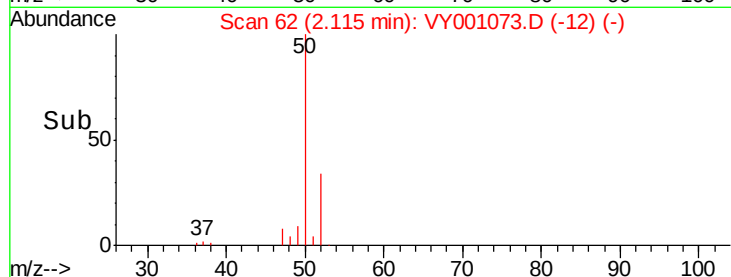
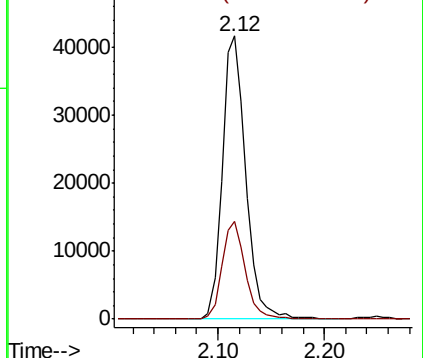
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 44.262 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001073.D

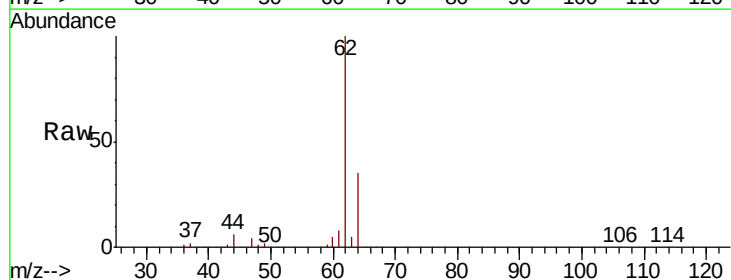
Acq: 26 Dec 2019 15:36

Tgt Ion: 62 Resp: 67307

Ion Ratio Lower Upper

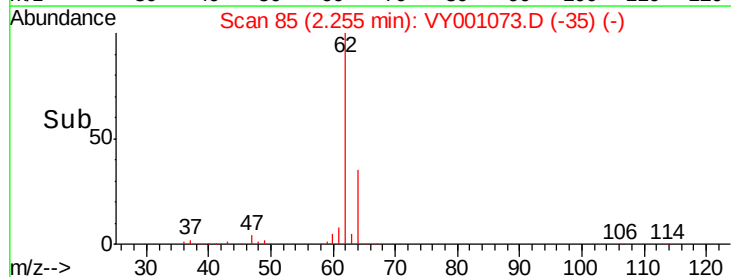
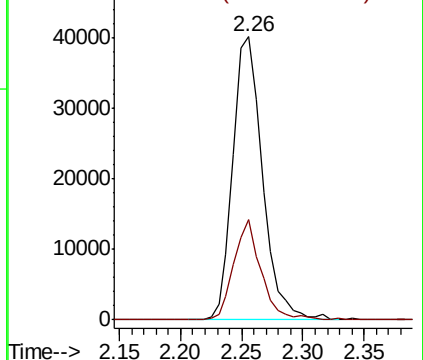
62 100

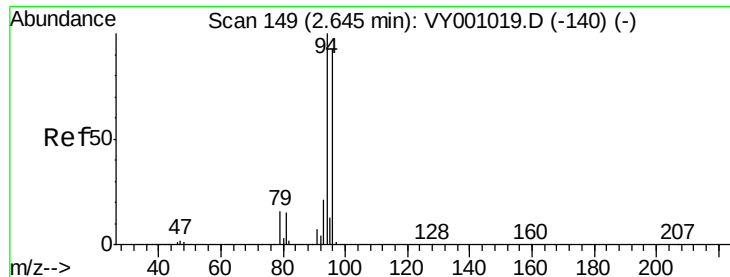
64 35.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.269 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

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SB-2-(4-5)MS

Tot Ion: 94 Resp: 44535

Ion Ratio Lower Upper

94 100

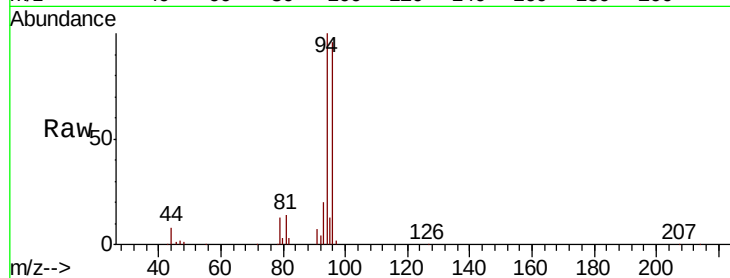
96 96.4 74.2 111.4

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

25000

20000

15000

10000

5000

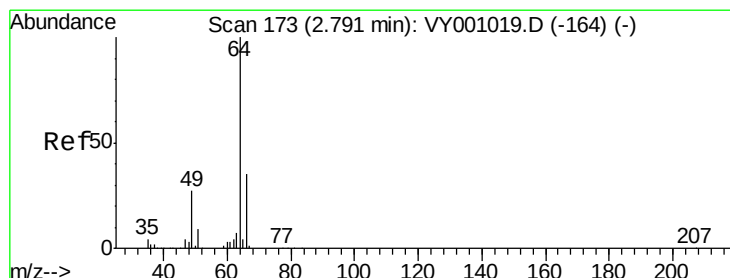
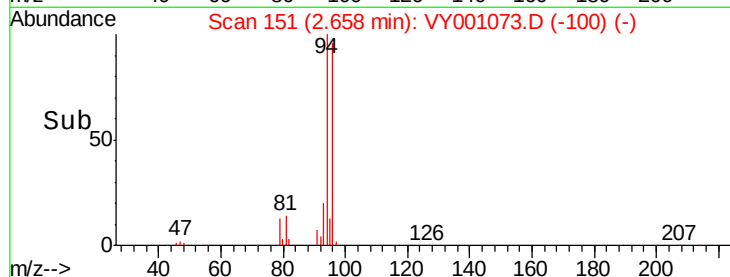
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 47.581 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001073.D

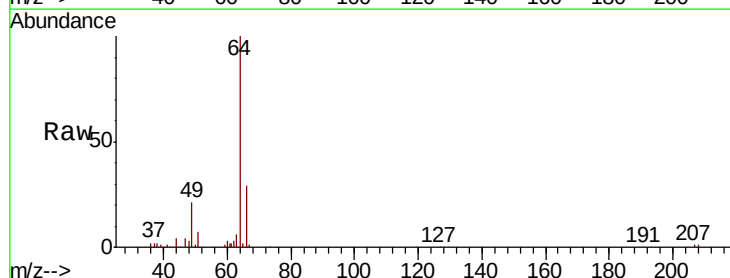
Acq: 26 Dec 2019 15:36

Tgt Ion: 64 Resp: 45065

Ion Ratio Lower Upper

64 100

66 29.3 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

25000

20000

15000

10000

5000

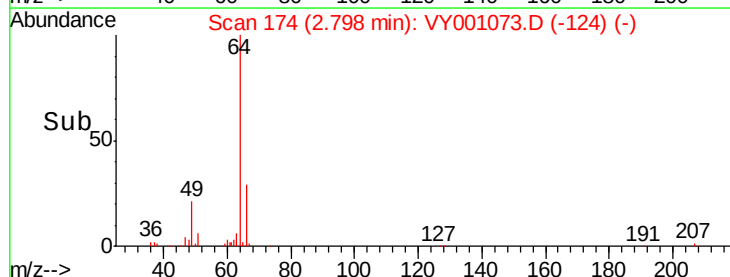
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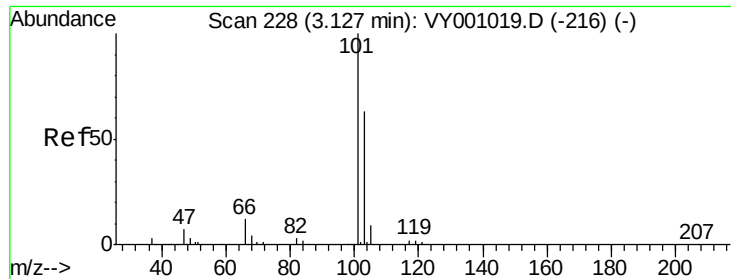
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2.70

2.80

2.90





#7

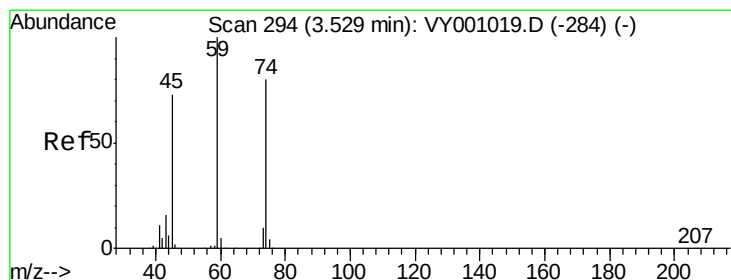
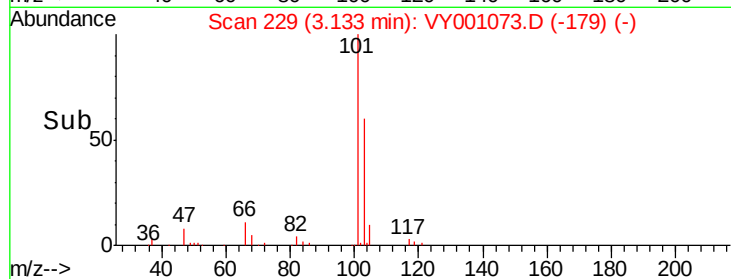
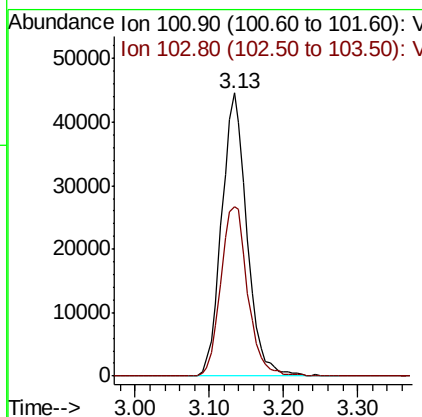
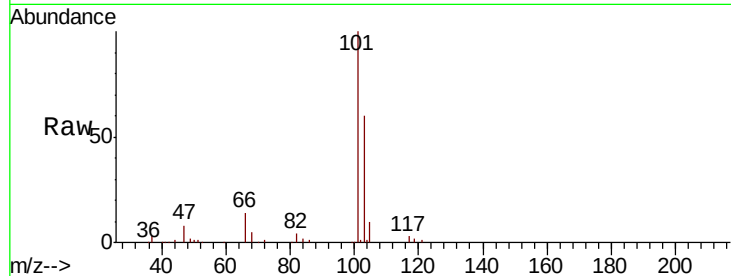
Trichlorofluoromethane
Concen: 47.145 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001073.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	105153		
103	59.7	50.2	75.2	

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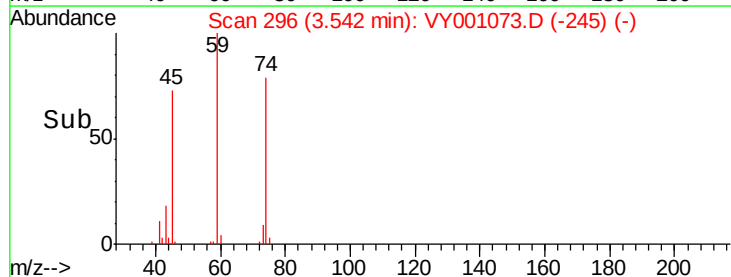
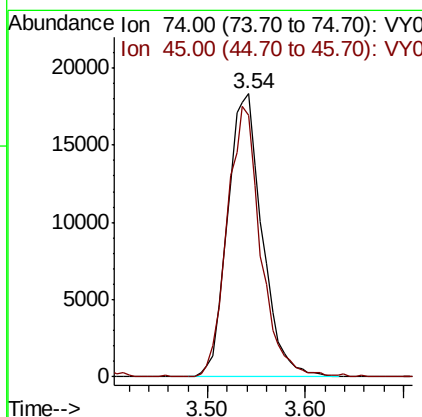
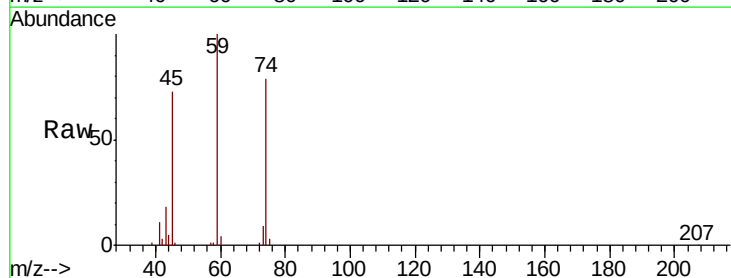
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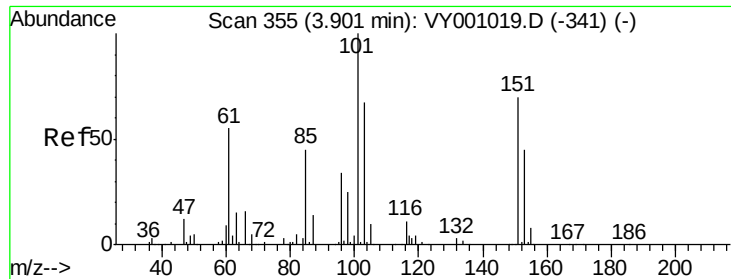


#8

Diethyl Ether
Concen: 49.447 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45019		
45	92.6	46.4	139.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.538 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion:101 Resp: 72578

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

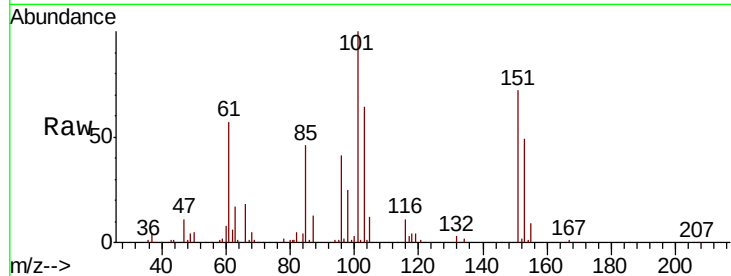
151 73.4 57.0 85.6

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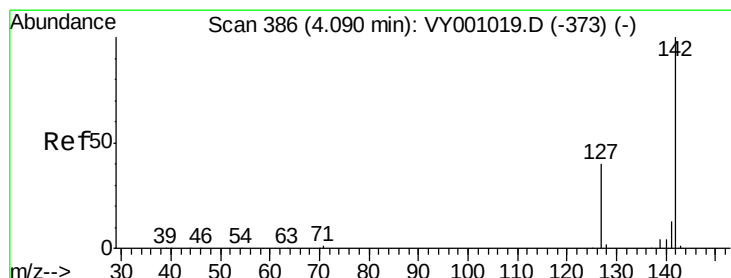
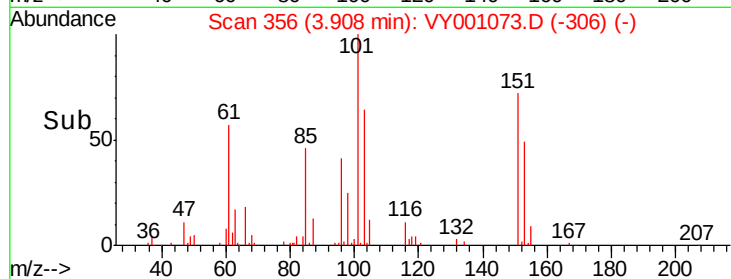
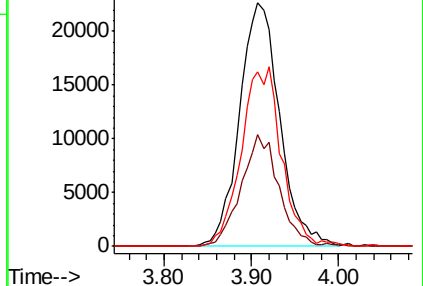
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.769 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

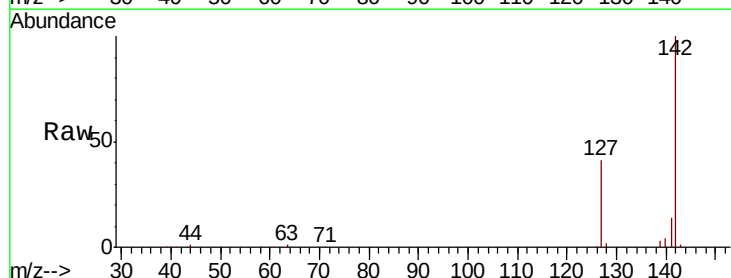
Tgt Ion:142 Resp: 86574

Ion Ratio Lower Upper

142 100

127 39.6 31.2 46.8

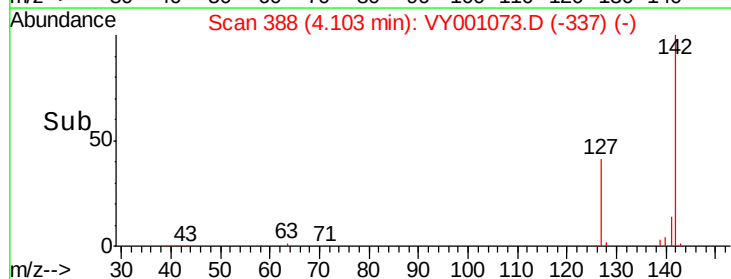
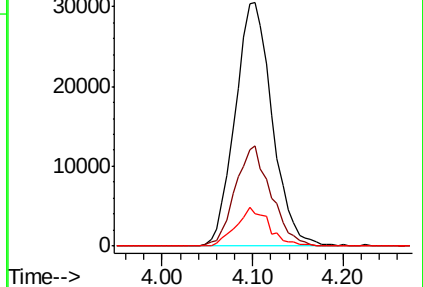
141 14.4 11.0 16.4

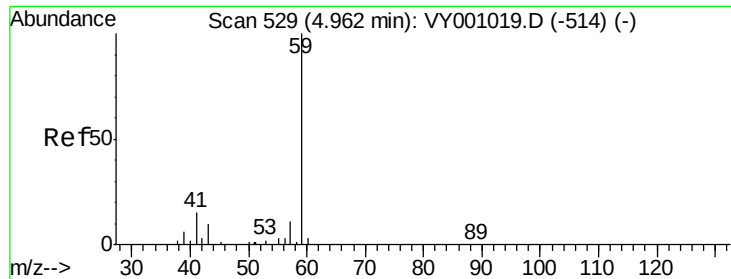


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

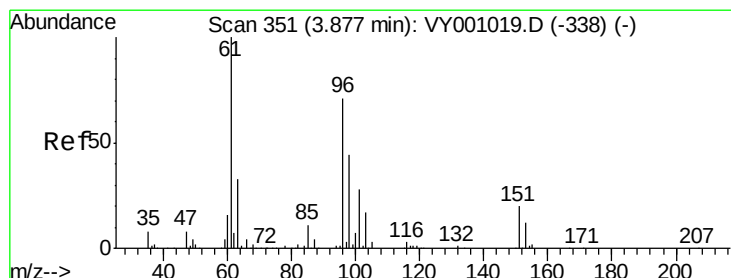
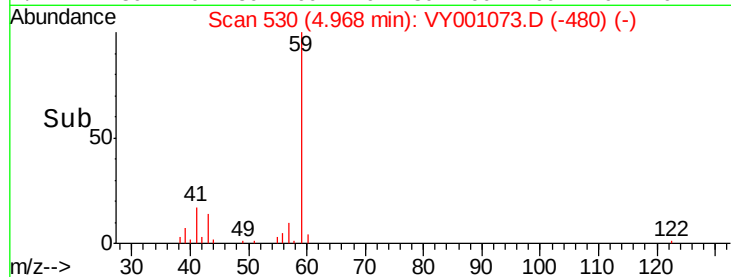
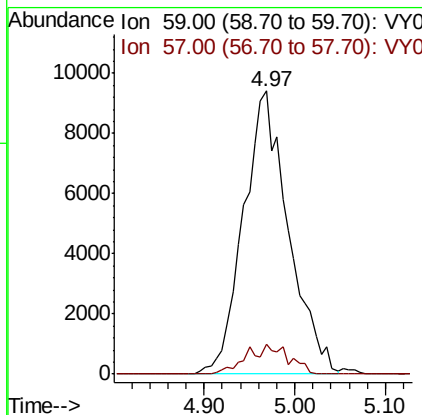
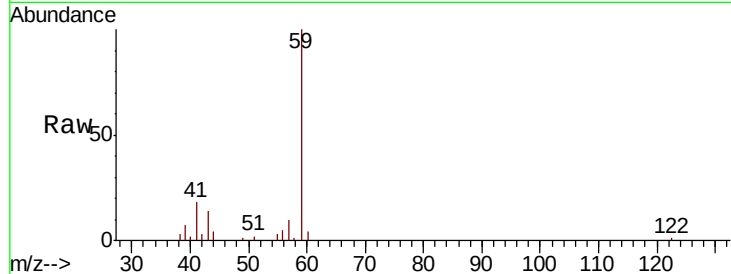
Tert butyl alcohol
Concen: 225.747 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	59	Resp	32323
Ion Ratio	100	Lower	Upper
57	5.7	7.8	11.6#

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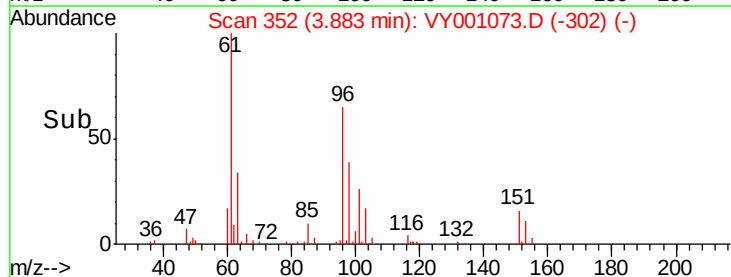
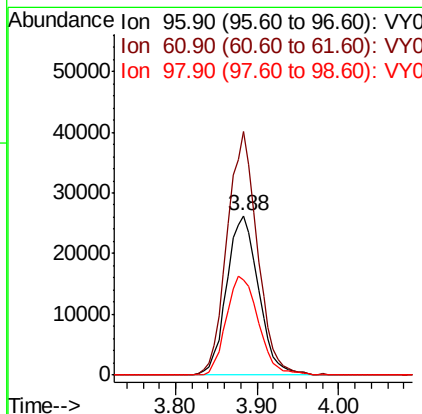
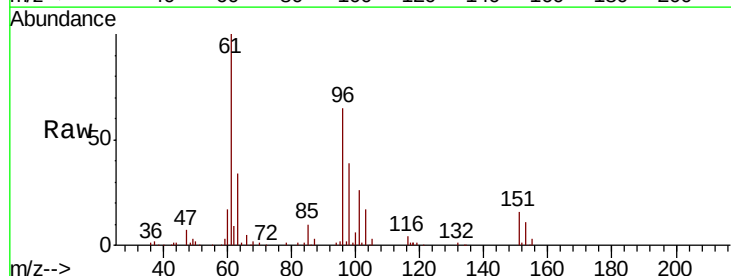
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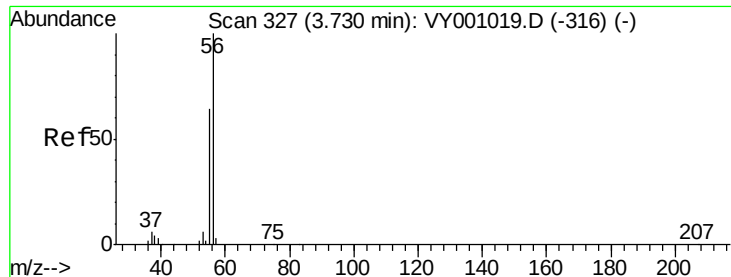


#12

1,1-Dichloroethene
Concen: 47.775 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	96	Resp	70864
Ion Ratio	100	Lower	Upper
61	152.8	113.0	169.4
98	59.5	49.8	74.8





#13

Acrolein

Concen: 173.195 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 56 Resp: 30726

Ion Ratio Lower Upper

56 100

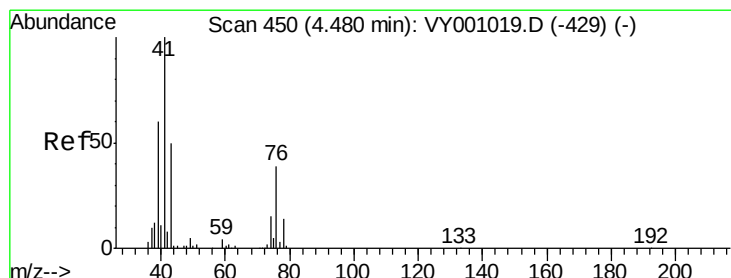
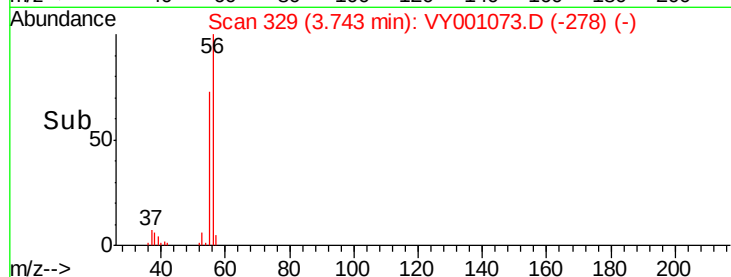
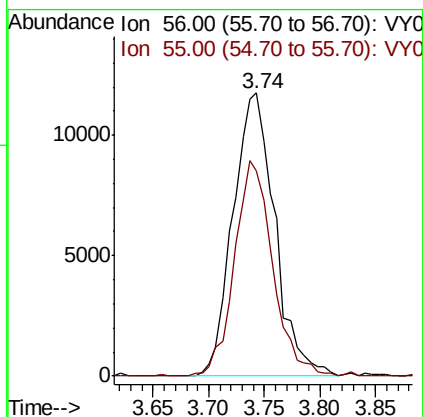
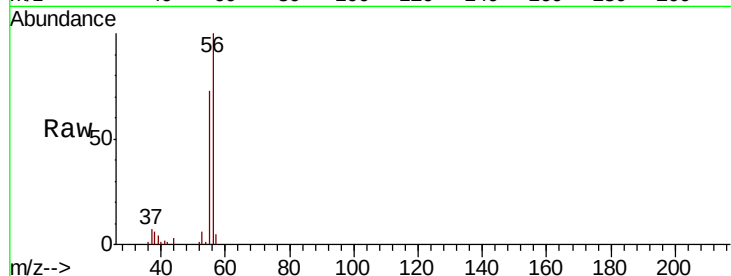
55 69.5 55.6 83.4

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#14

Allyl chloride

Concen: 48.165 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

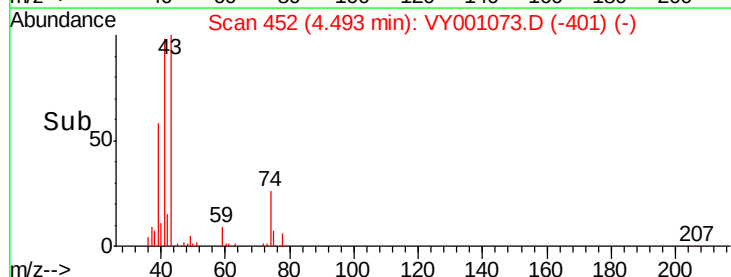
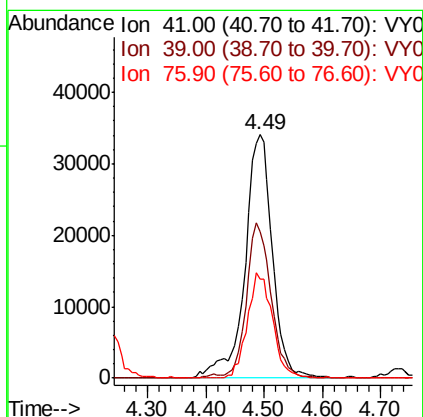
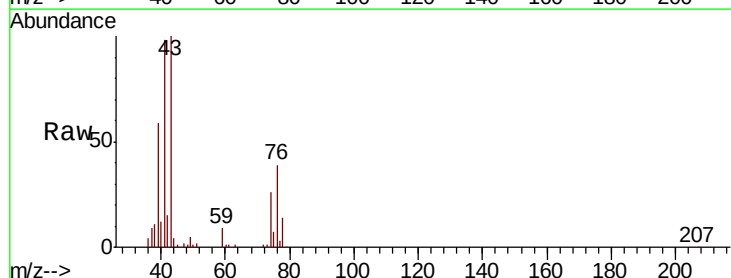
Tgt Ion: 41 Resp: 110986

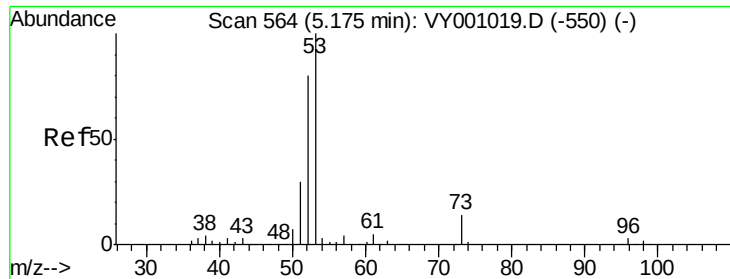
Ion Ratio Lower Upper

41 100

39 57.2 46.0 69.0

76 39.4 32.6 48.8





#15

Acrylonitrile

Concen: 248.644 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

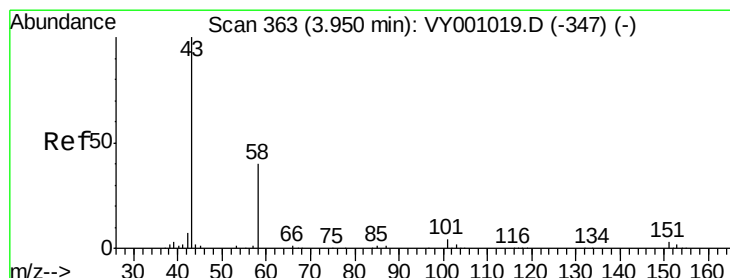
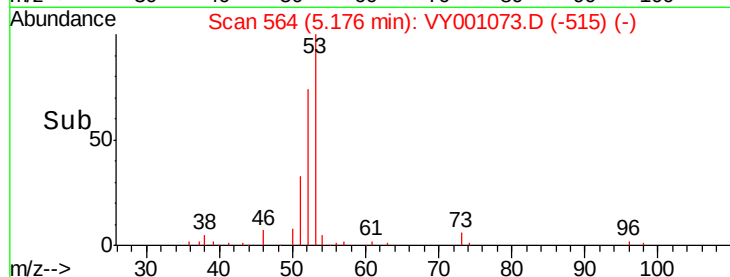
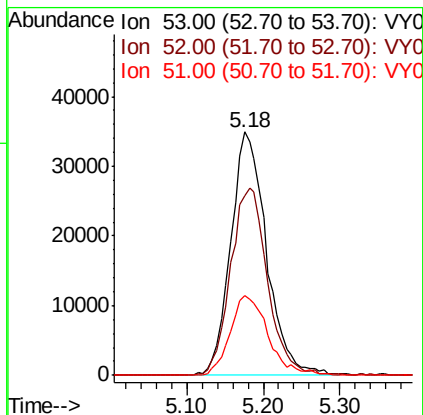
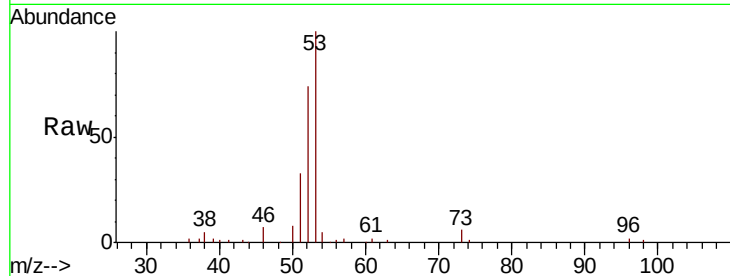
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	53	Resp:	113137
Ion Ratio	Lower	Upper	
53	100		
52	79.6	63.6	95.4
51	34.7	26.7	40.1

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#16

Acetone

Concen: 238.788 ug/l

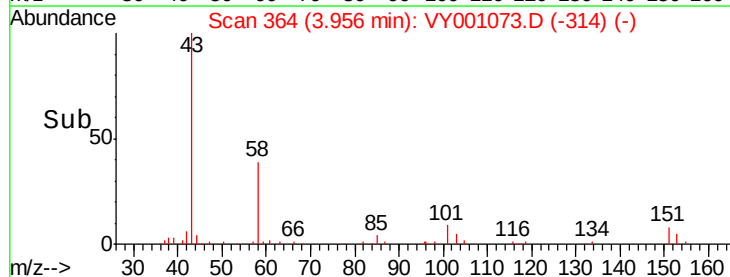
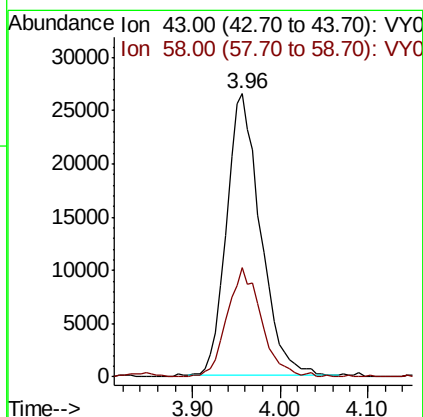
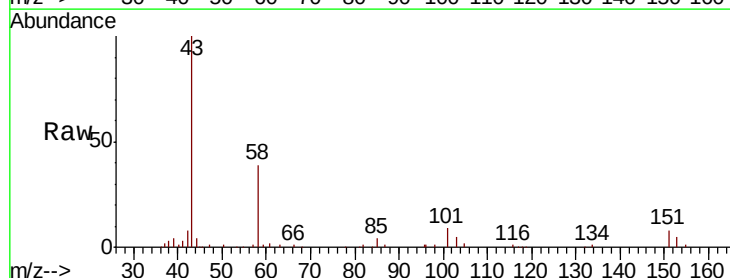
RT: 3.96 min Scan# 364

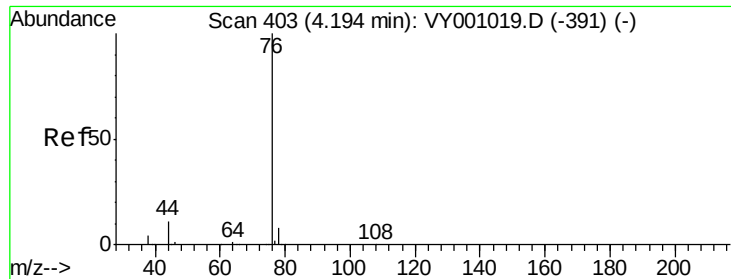
Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion:	43	Resp:	71635
Ion Ratio	Lower	Upper	
43	100		
58	38.7	32.1	48.1





#17

Carbon Disulfide

Concen: 38.230 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 76 Resp: 185298

Ion Ratio Lower Upper

76 100

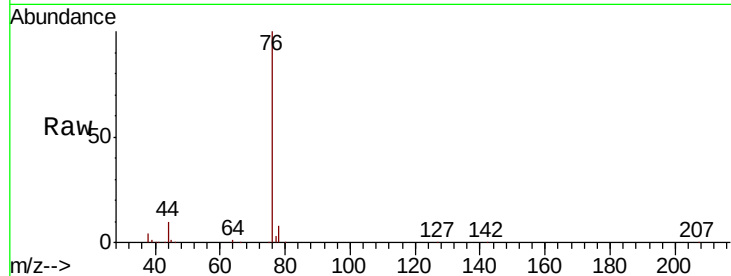
78 8.3 6.7 10.1

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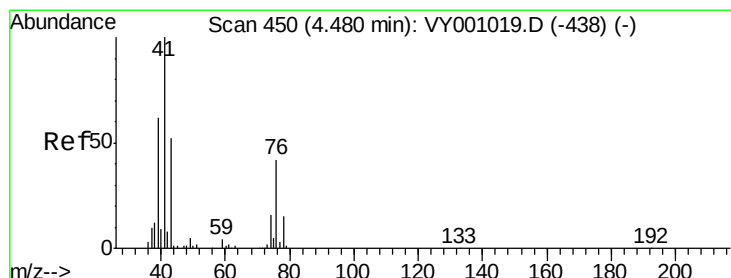
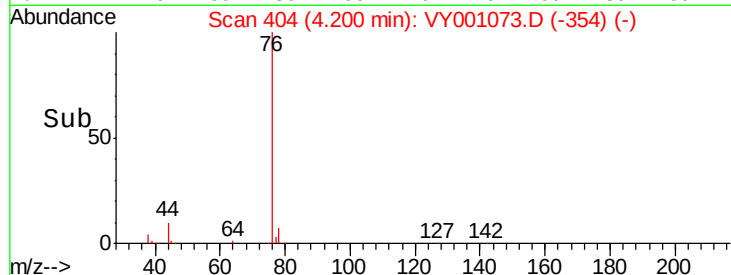
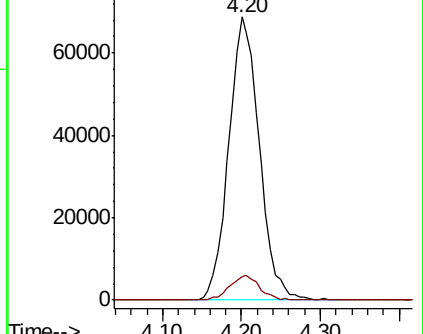
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 96.070 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001073.D

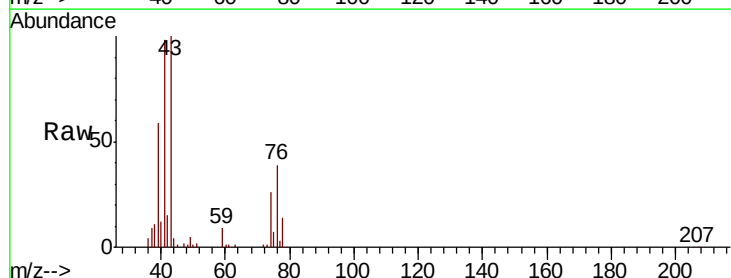
Acq: 26 Dec 2019 15:36

Tgt Ion: 43 Resp: 110571

Ion Ratio Lower Upper

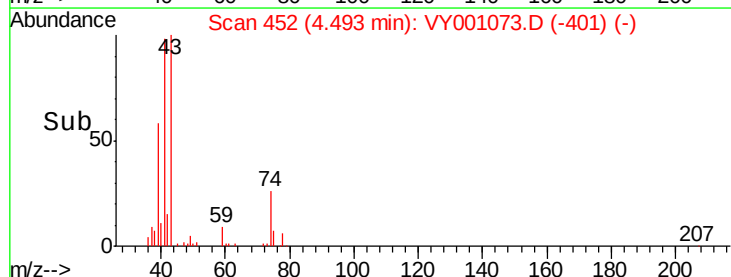
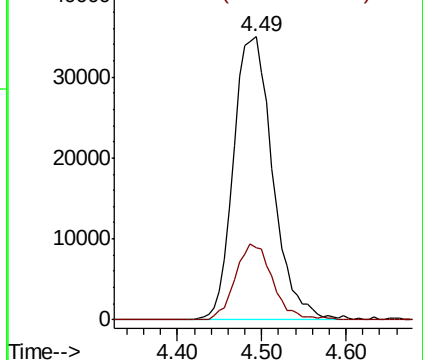
43 100

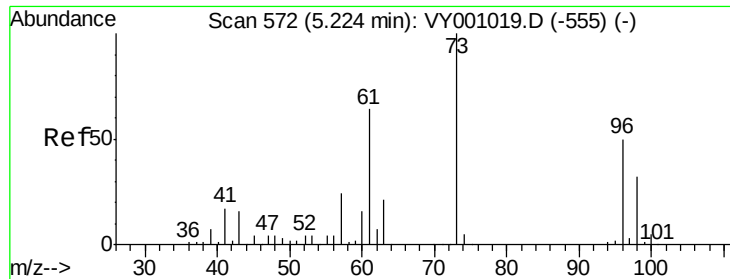
74 25.4 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





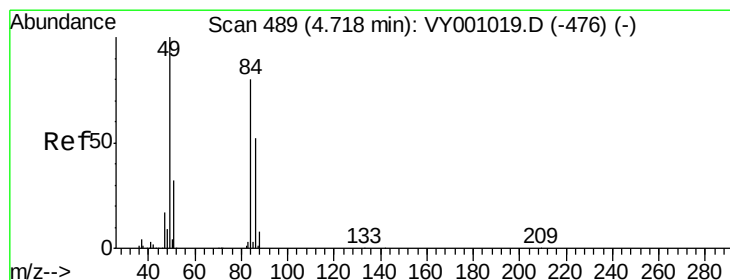
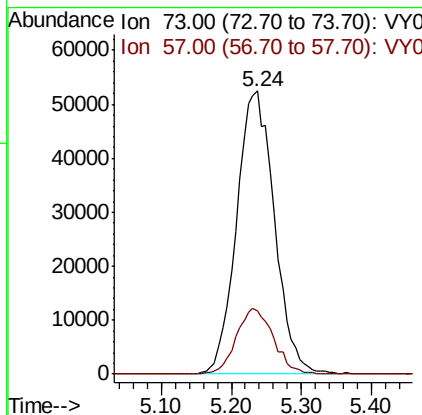
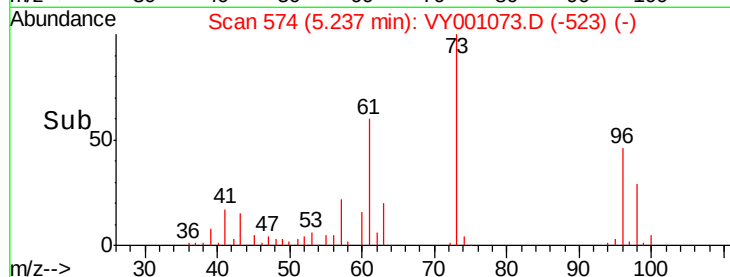
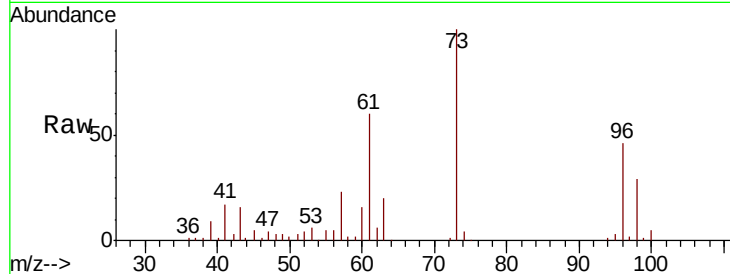
#19
Methyl tert-butyl Ether
Concen: 51.361 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion: 73 Resp: 196630
Ion Ratio Lower Upper
73 100
57 22.5 19.0 28.6

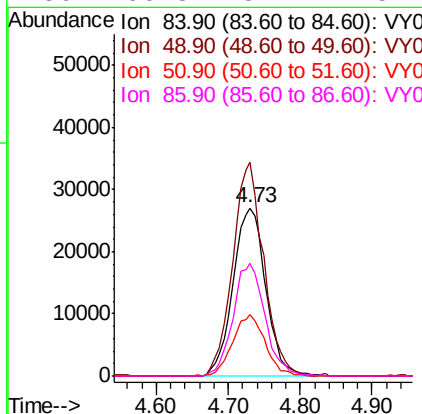
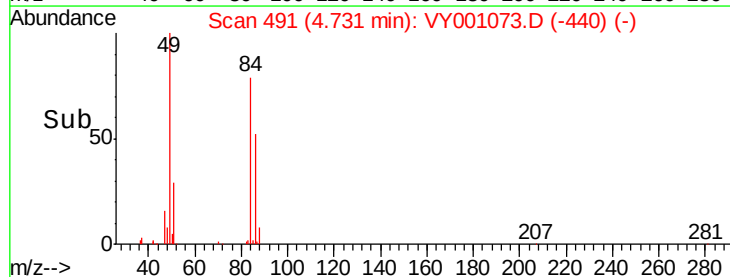
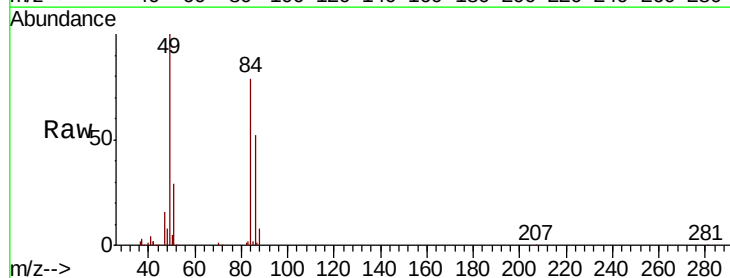
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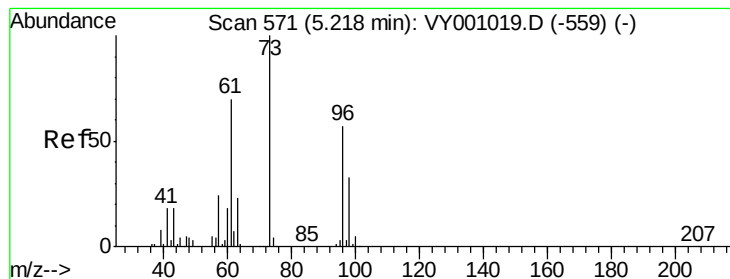
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#20
Methylene Chloride
Concen: 48.222 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 84 Resp: 85150
Ion Ratio Lower Upper
84 100
49 127.3 99.8 149.6
51 36.9 31.4 47.2
86 66.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.168 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 96 Resp: 79182

Ion Ratio Lower Upper

96 100

61 126.3 98.1 147.1

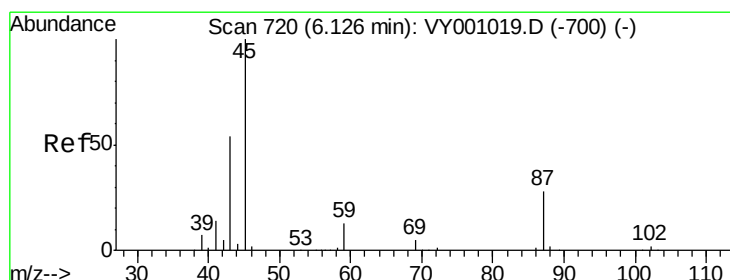
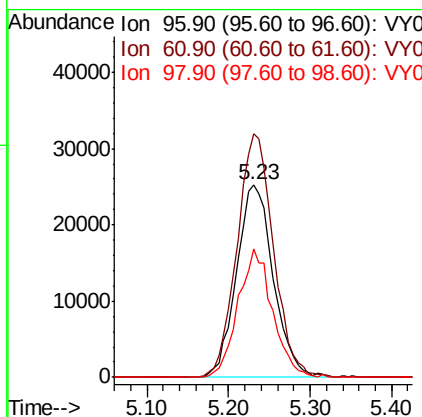
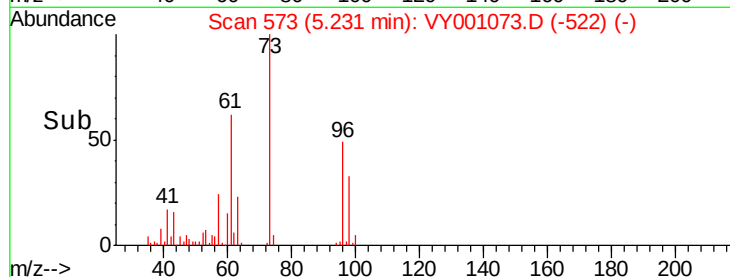
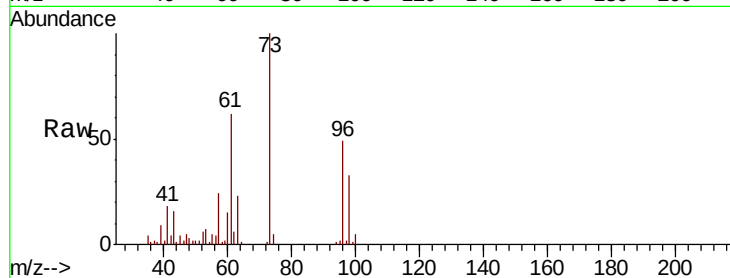
98 66.8 47.2 70.8

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#22

Diisopropyl ether

Concen: 52.367 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion: 45 Resp: 243900

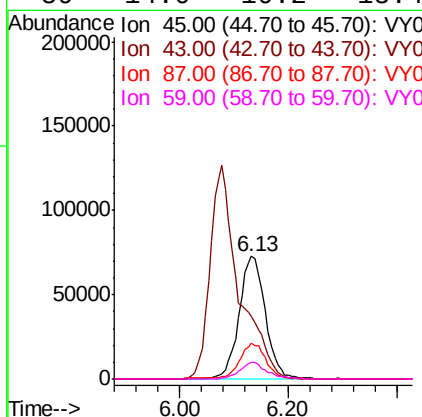
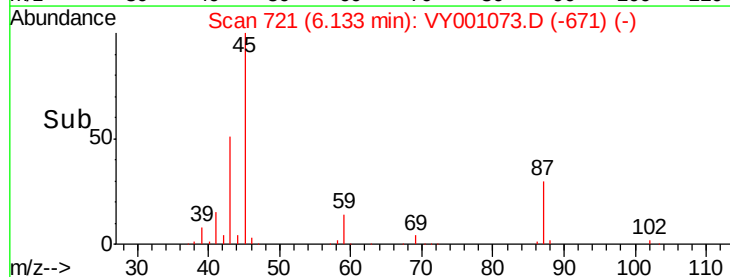
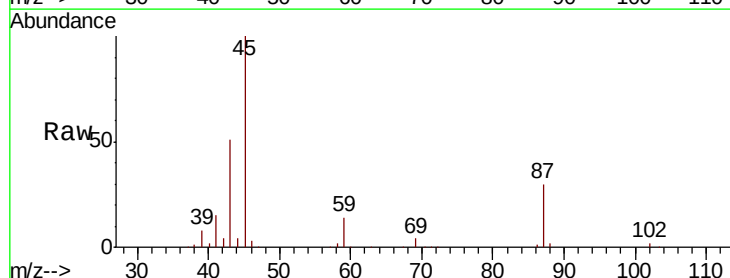
Ion Ratio Lower Upper

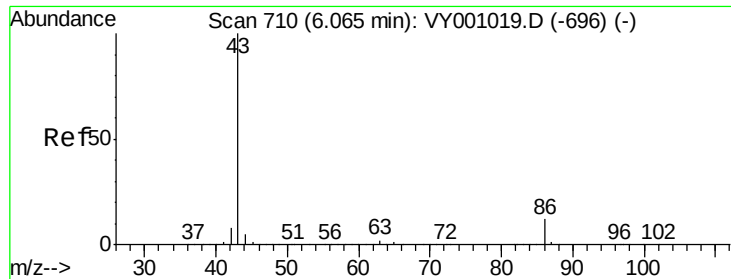
45 100

43 50.1 43.6 65.4

87 29.7 23.1 34.7

59 14.0 10.2 15.4





#23

Vinyl Acetate

Concen: 157.770 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 43 Resp: 464072

Ion Ratio Lower Upper

43 100

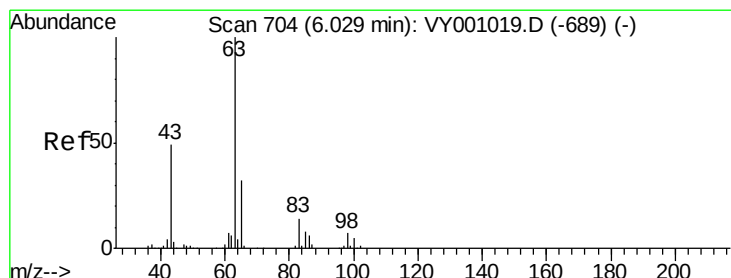
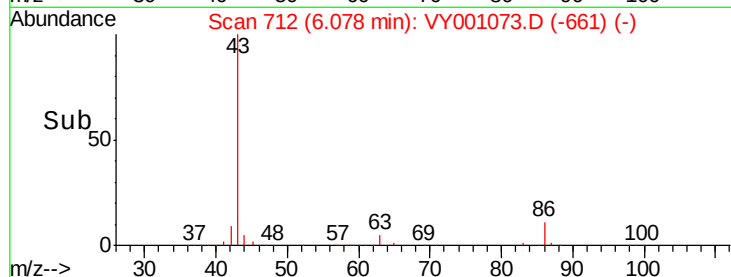
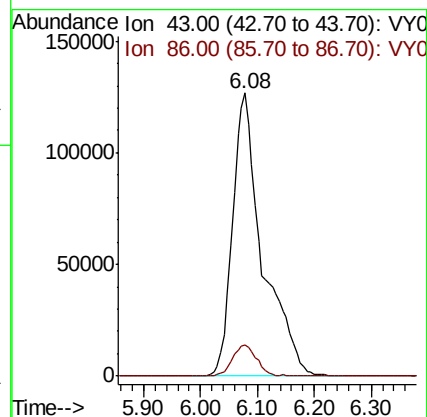
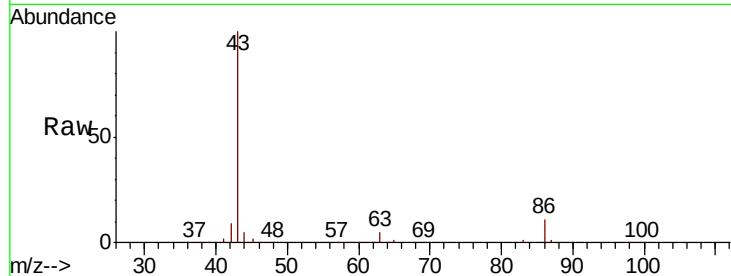
86 10.8 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 50.531 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

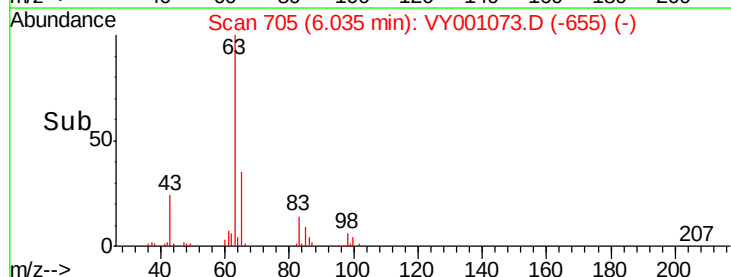
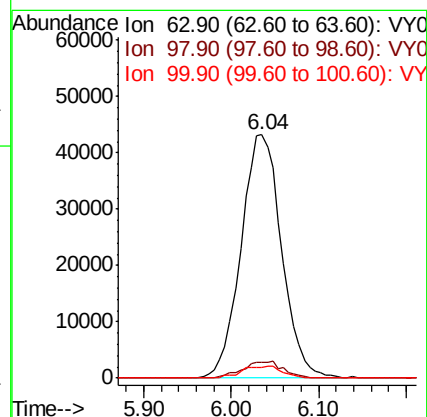
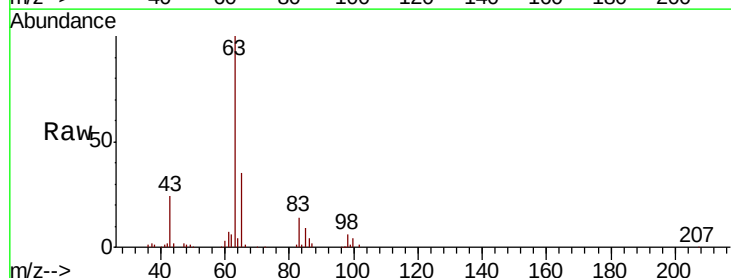
Tgt Ion: 63 Resp: 139081

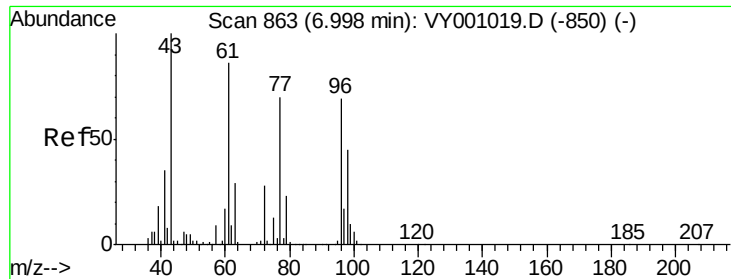
Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.2

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 245.851 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 43 Resp: 129567

Ion Ratio Lower Upper

43 100

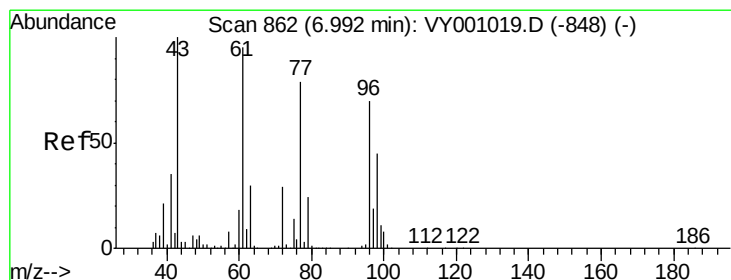
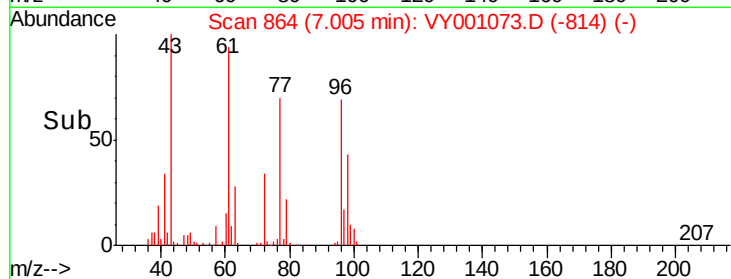
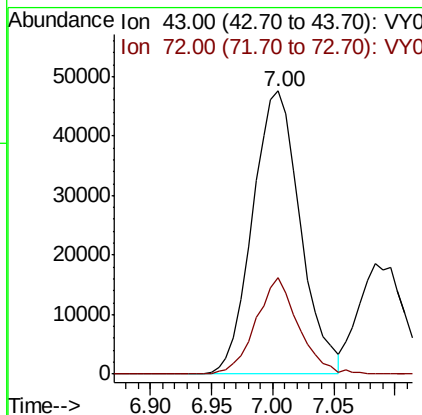
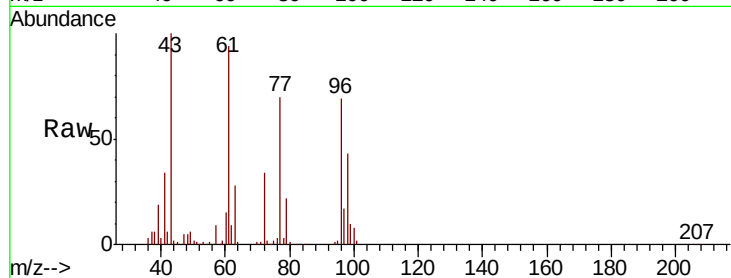
72 34.1 22.4 33.6#

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#26

2,2-Dichloropropane

Concen: 47.018 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001073.D

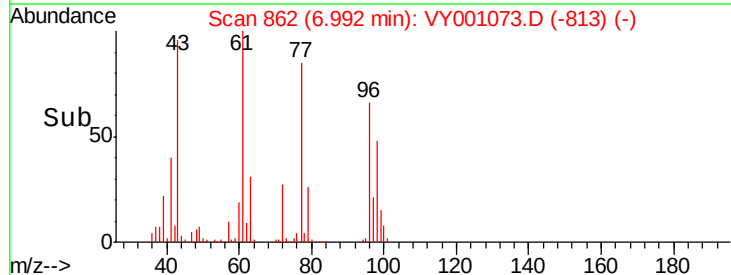
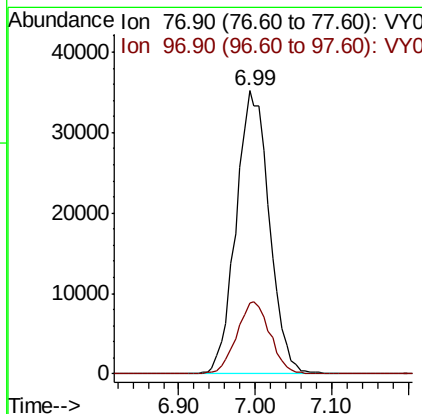
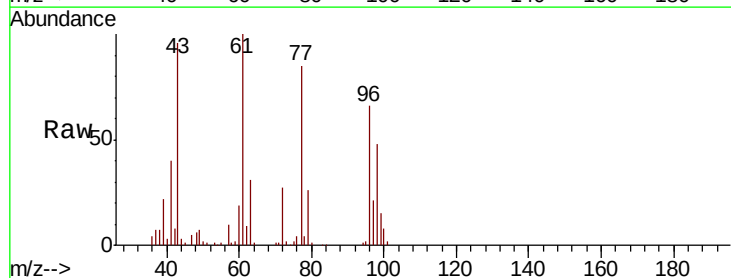
Acq: 26 Dec 2019 15:36

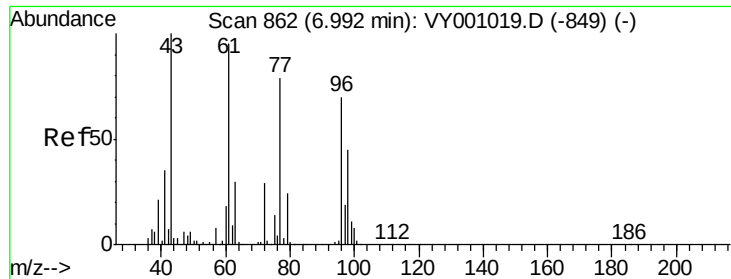
Tgt Ion: 77 Resp: 106322

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1





#27

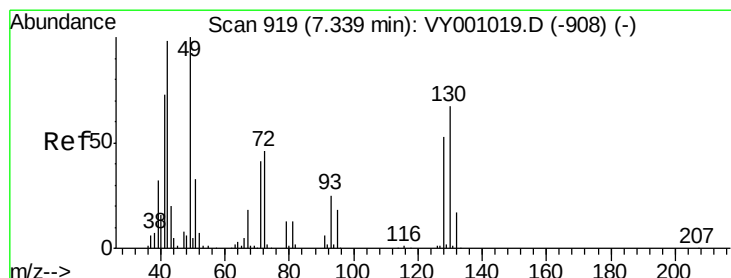
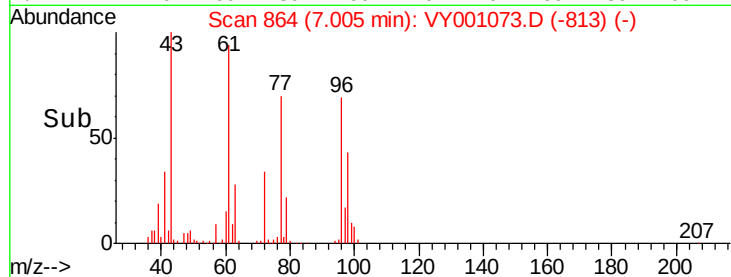
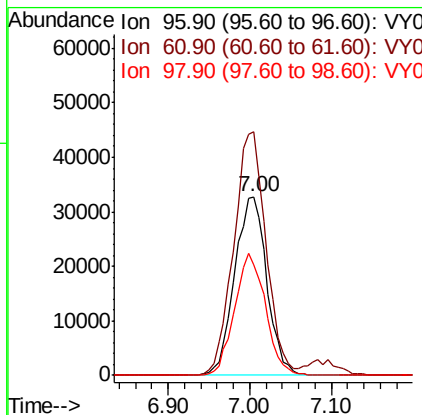
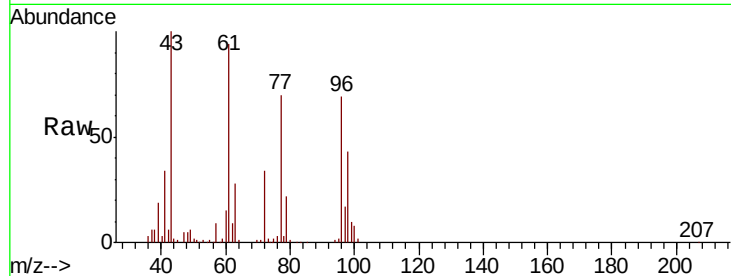
cis-1,2-Dichloroethene
Concen: 49.528 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	268.2
98	65.7	0.0	129.2

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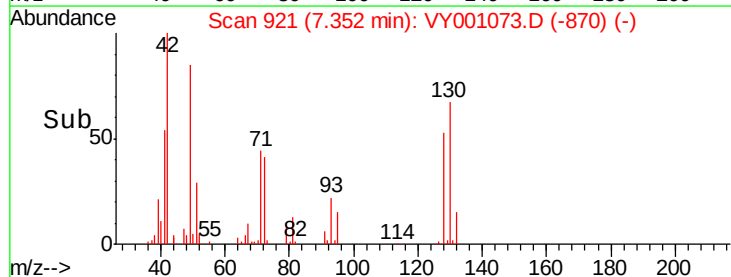
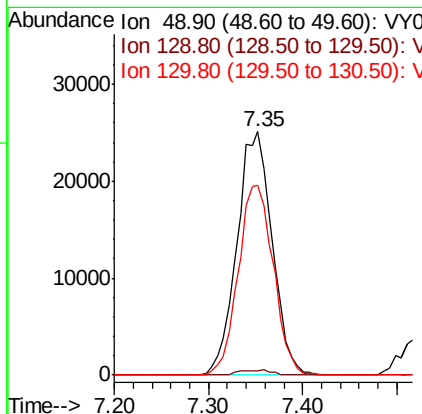
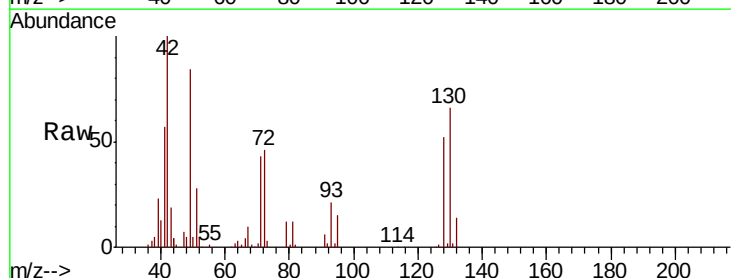
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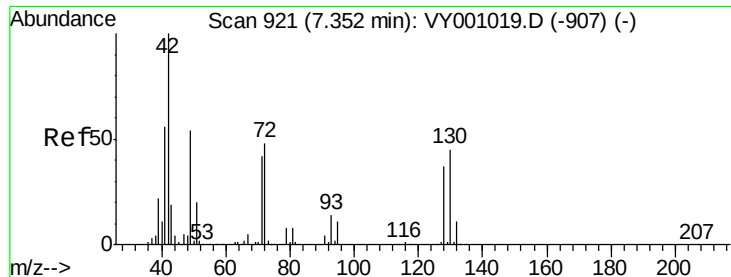


#28

Bromochloromethane
Concen: 60.763 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	77.9	60.4	90.6





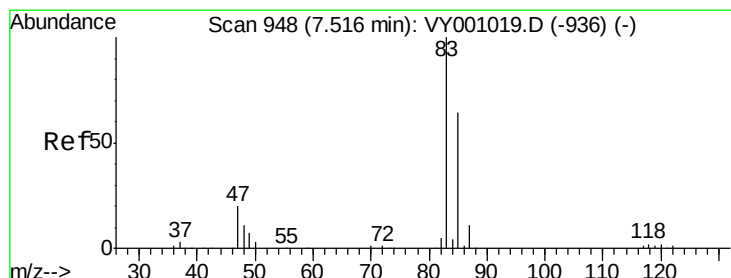
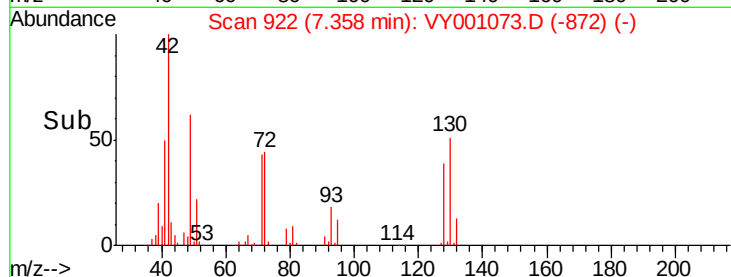
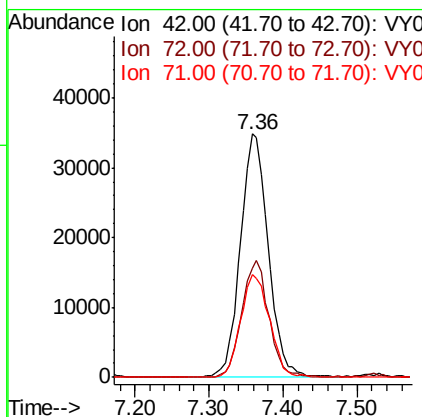
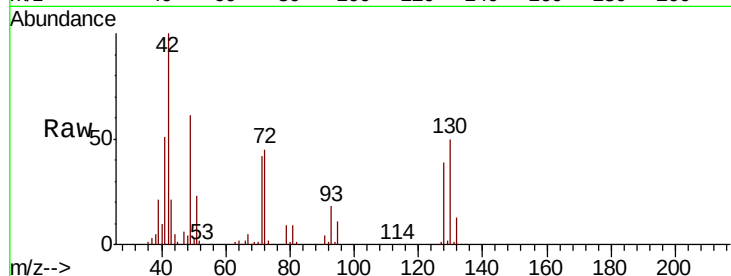
#29
Tetrahydrofuran
Concen: 244.999 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.7	56.5
71	43.2	34.6	51.8

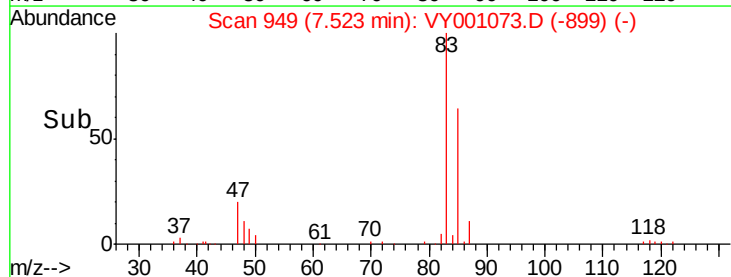
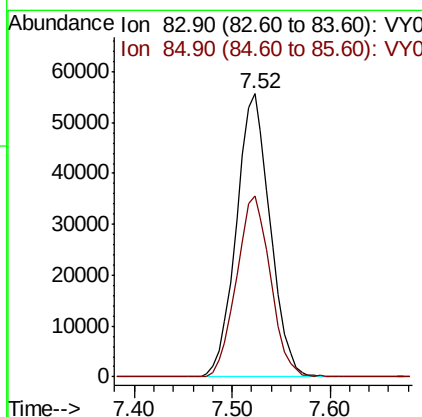
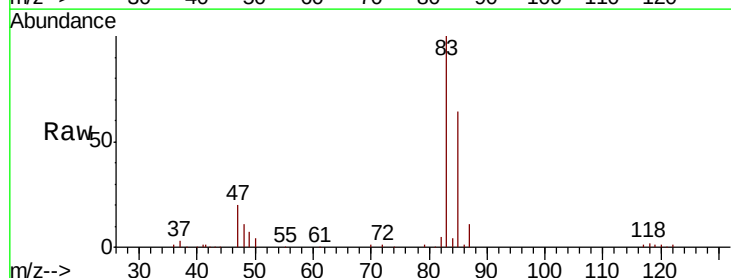
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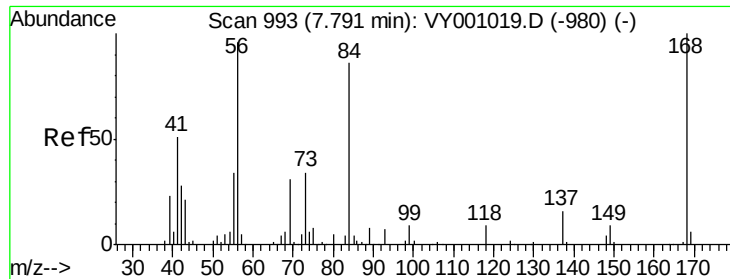
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#30
Chloroform
Concen: 51.205 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4





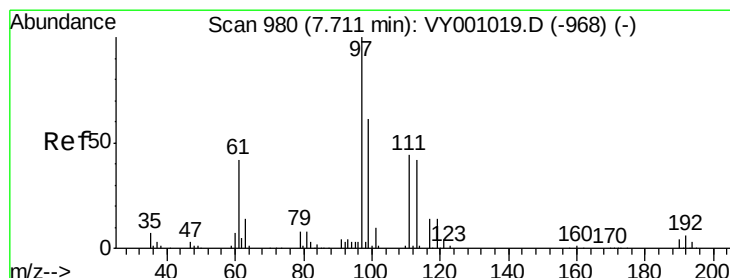
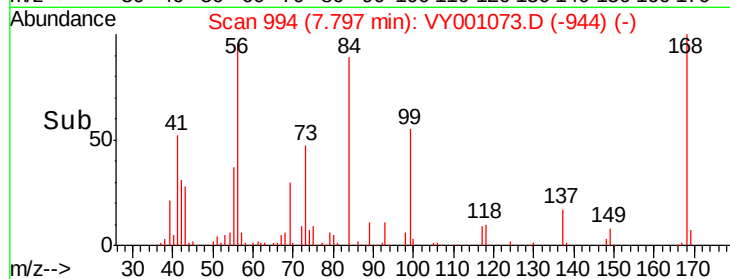
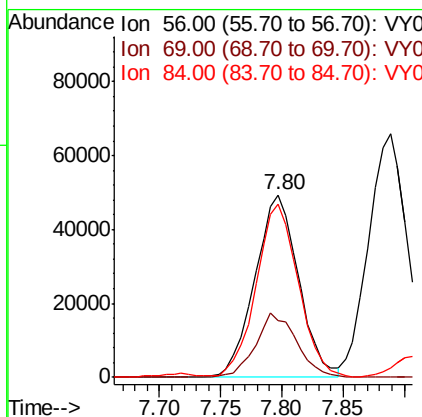
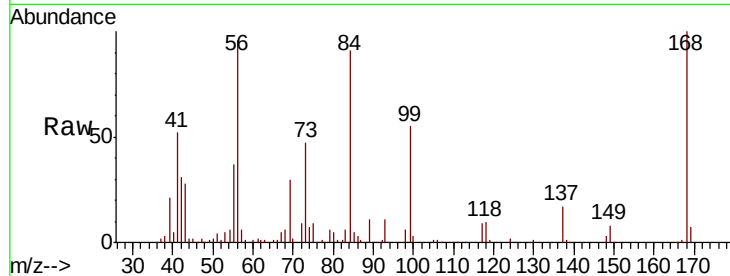
#31
Cyclohexane
Concen: 42.376 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.1	39.1
84	93.1	71.8	107.8

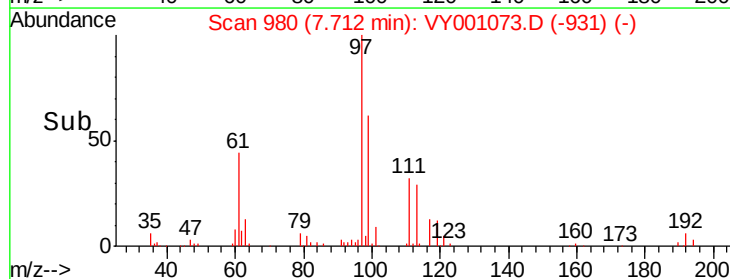
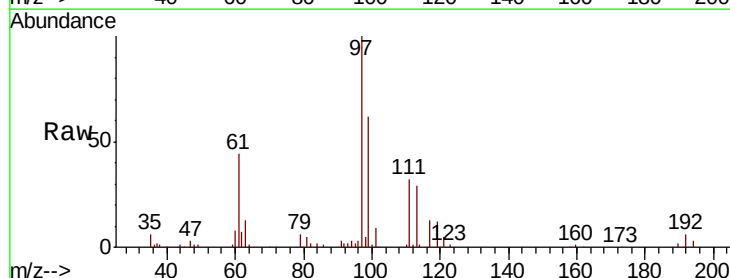
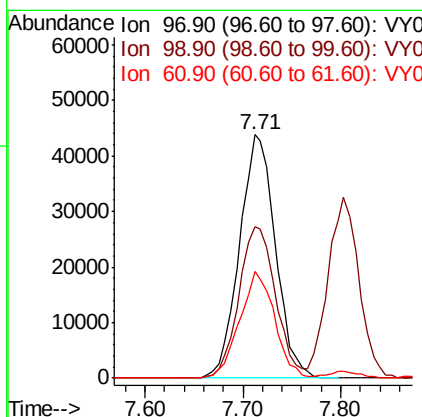
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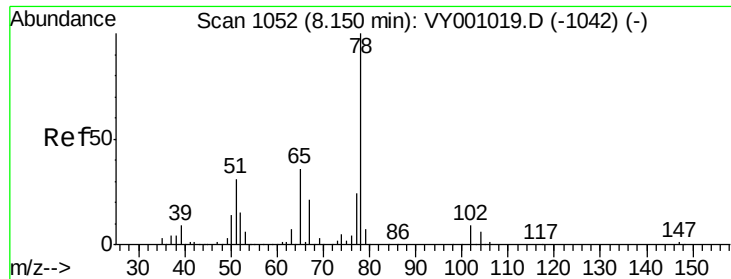
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#32
1,1,1-Trichloroethane
Concen: 50.272 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	42.6	33.0	49.6





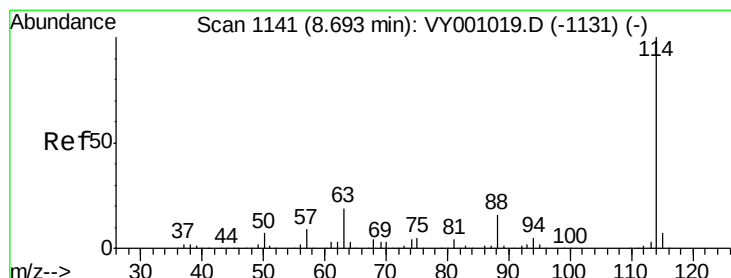
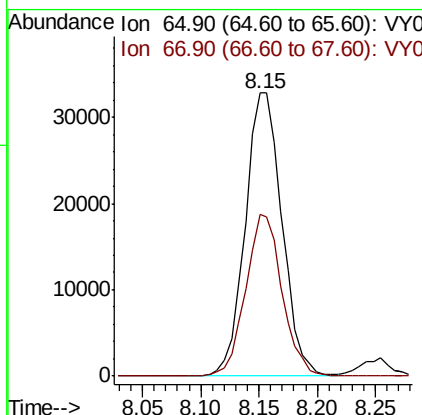
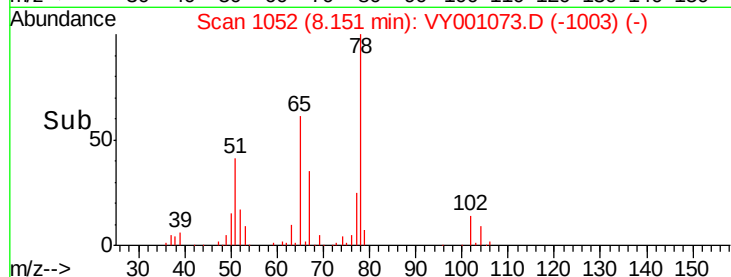
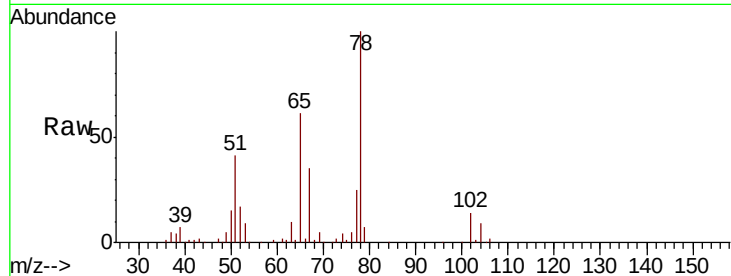
#33
 1,2-Dichloroethane-d4
 Concen: 55.565 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	112.8

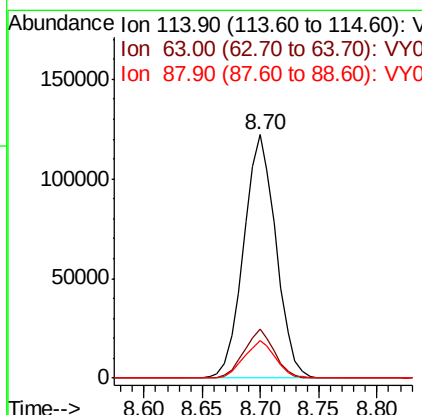
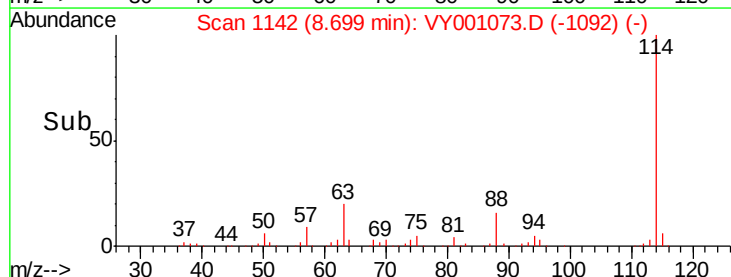
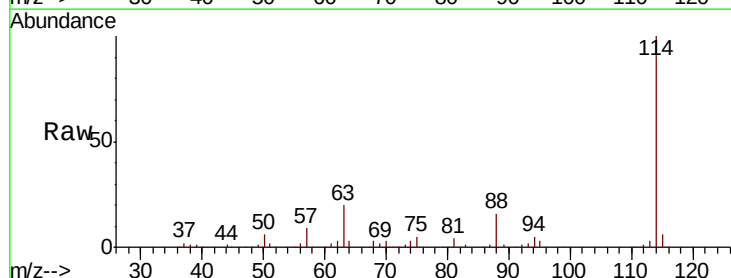
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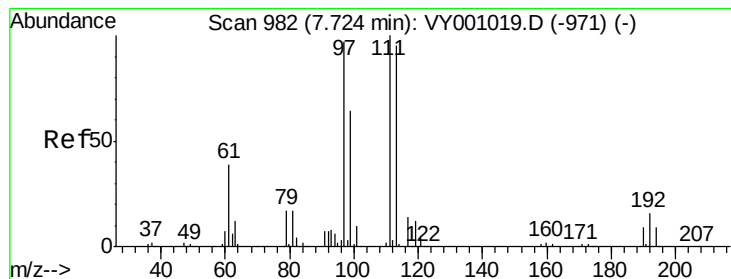
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.0
88	15.7	0.0	32.0





#35

Dibromofluoromethane

Concen: 52.402 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

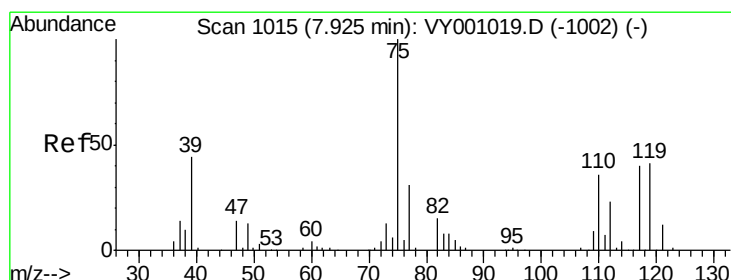
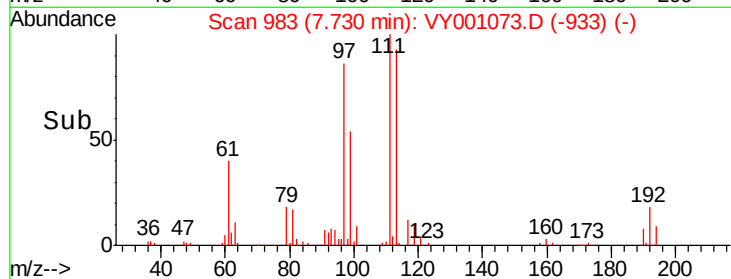
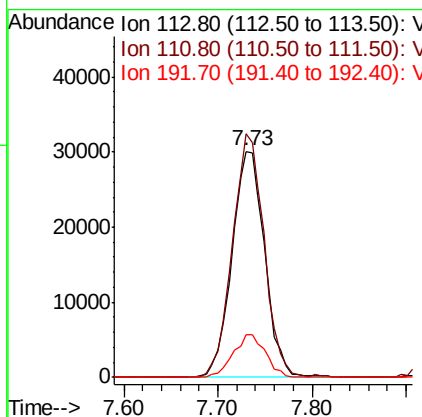
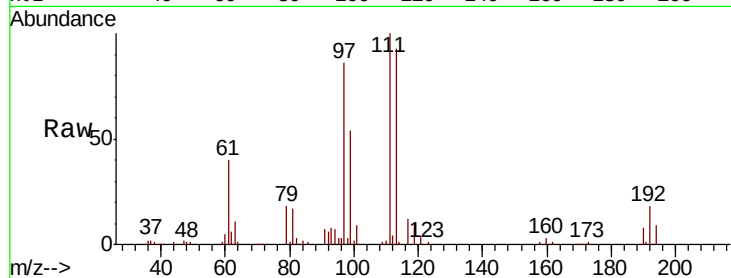
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	113	Resp:	72687
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.0	124.4
192	18.7	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.494 ug/l

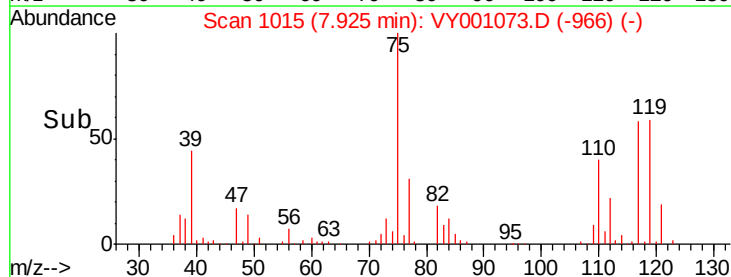
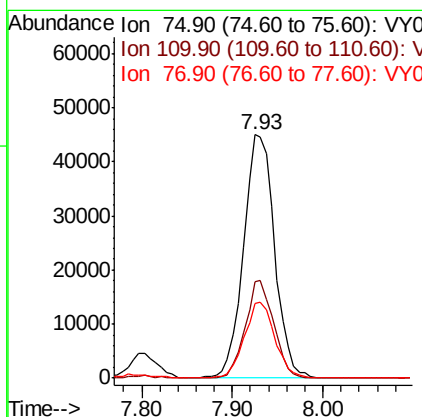
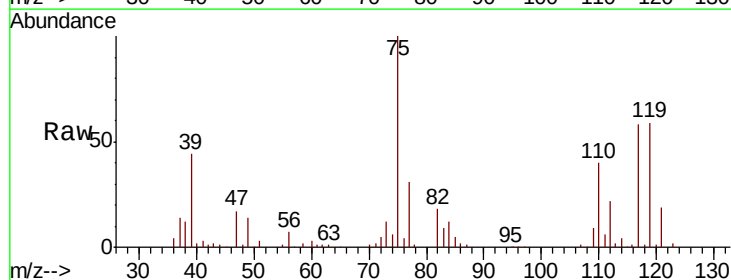
RT: 7.93 min Scan# 1015

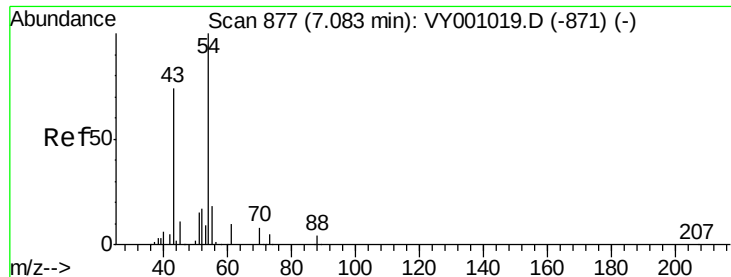
Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion:	75	Resp:	106730
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.4
77	30.5	24.6	37.0





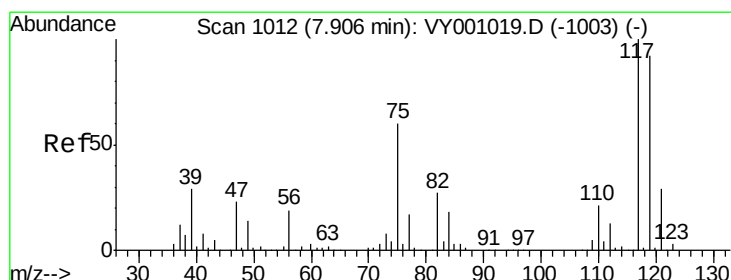
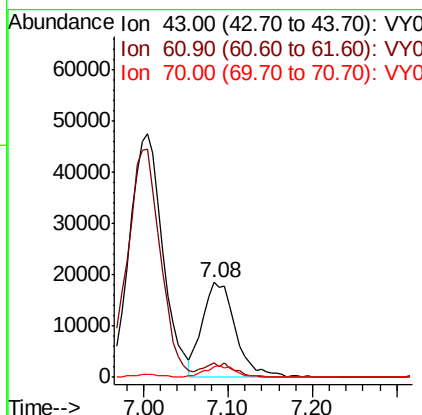
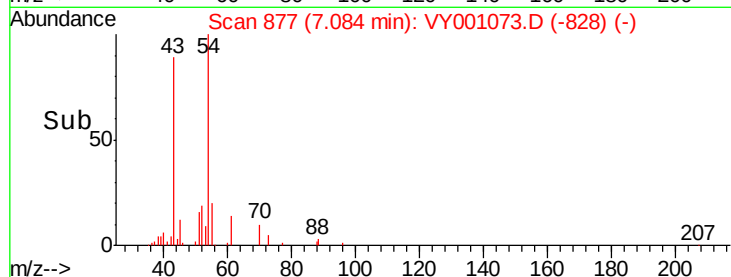
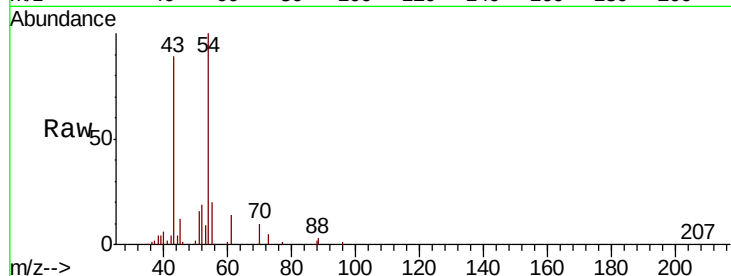
#37
Ethyl Acetate
Concen: 41.272 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.5	18.7
70	11.7	9.0	13.4

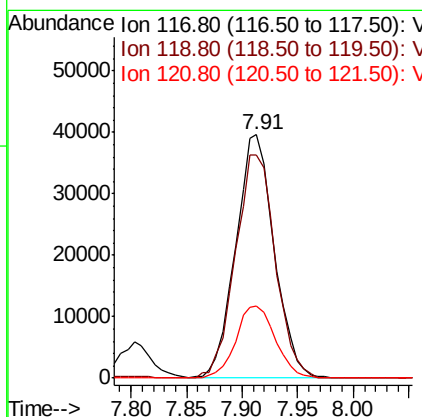
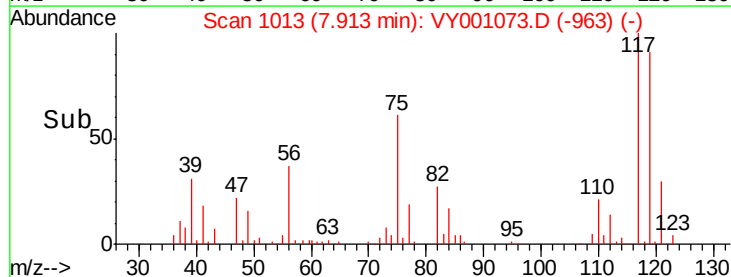
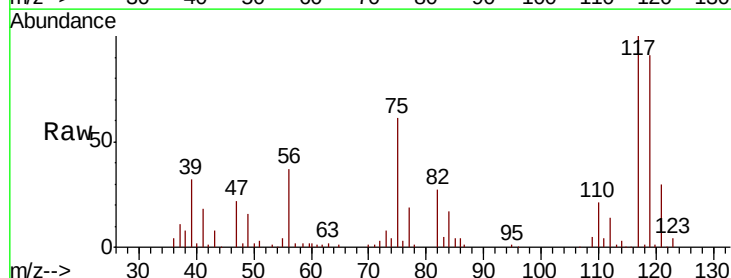
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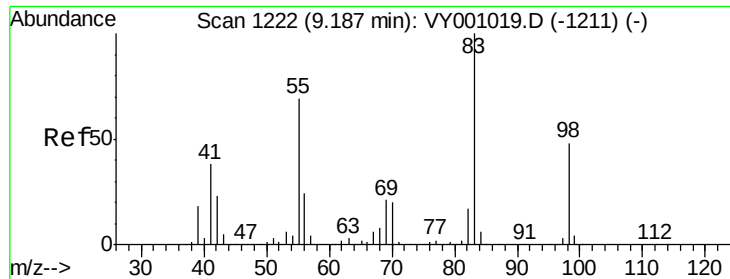
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#38
Carbon Tetrachloride
Concen: 48.322 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	74.2	111.2
121	29.8	22.9	34.3





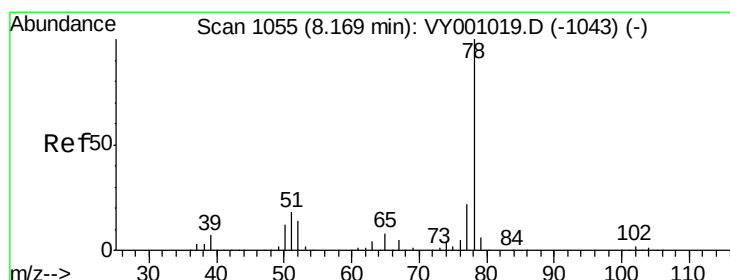
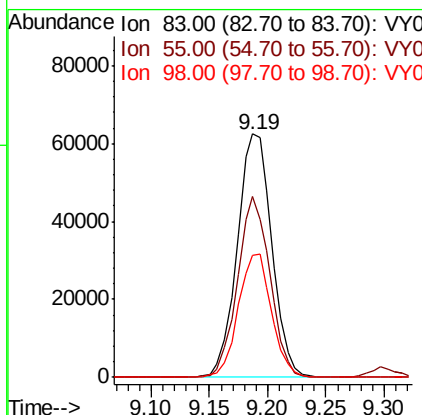
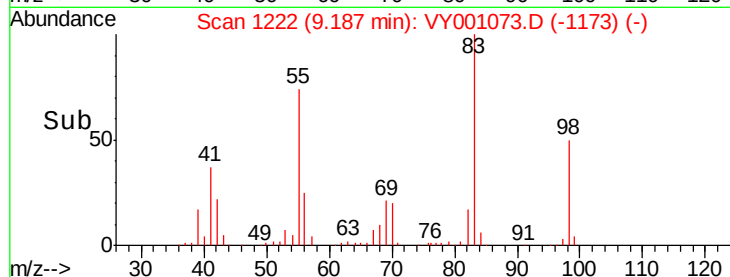
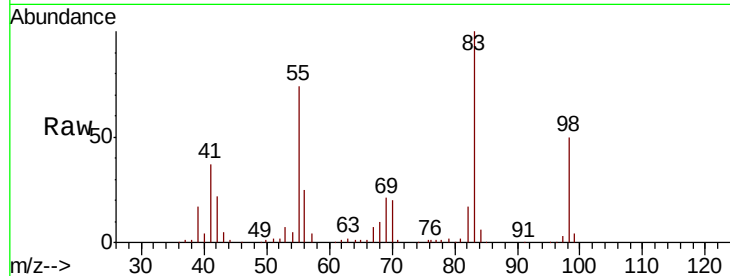
#39
Methylvlcyclohexane
Concen: 43.354 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	55.1	82.7
98	49.9	38.3	57.5

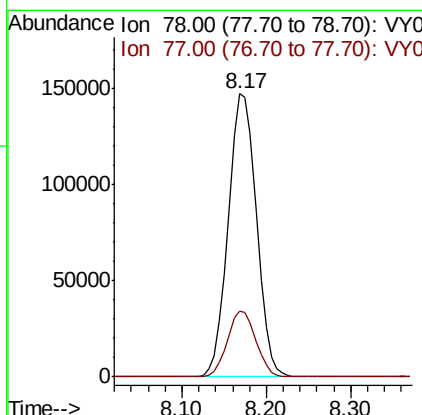
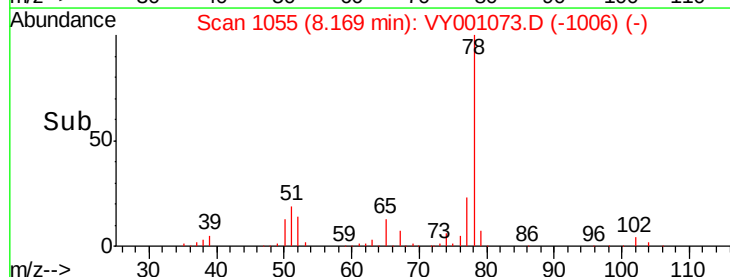
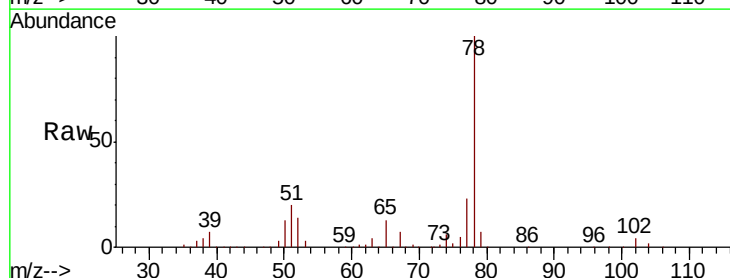
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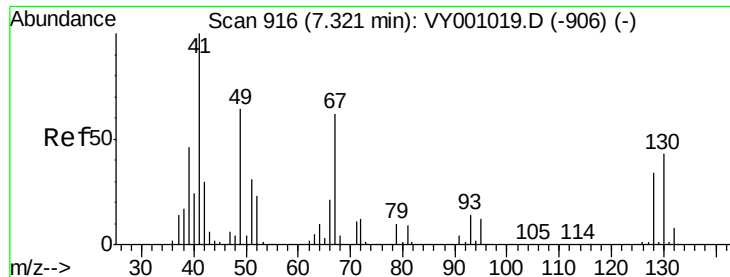
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#40
Benzene
Concen: 49.249 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.7	26.5





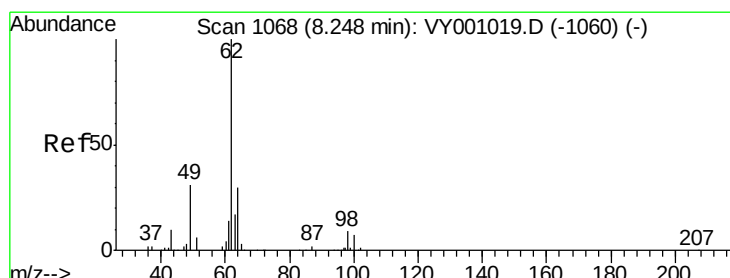
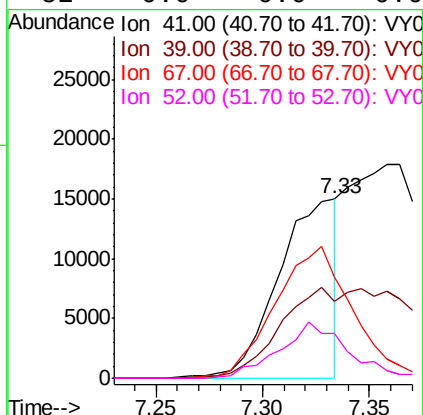
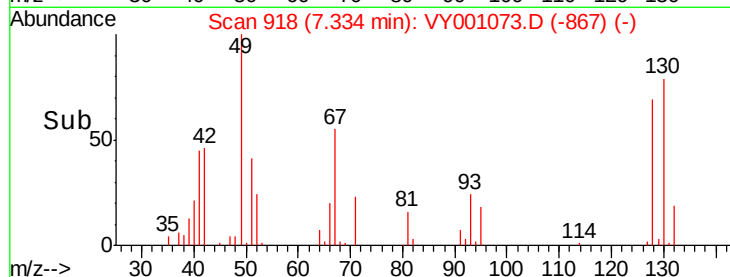
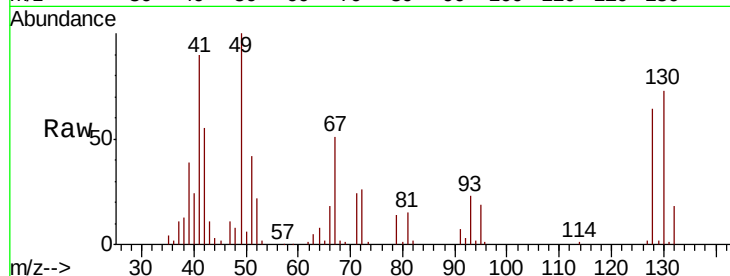
#41
Methacrylonitrile
Concen: 53.712 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	41	Resp	28976
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

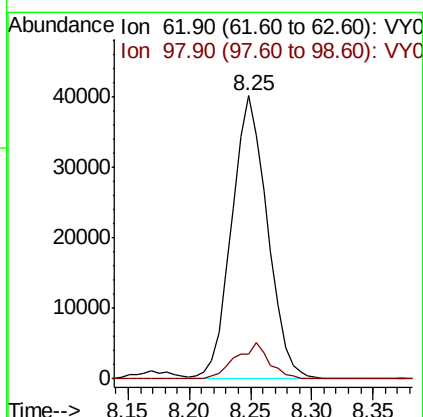
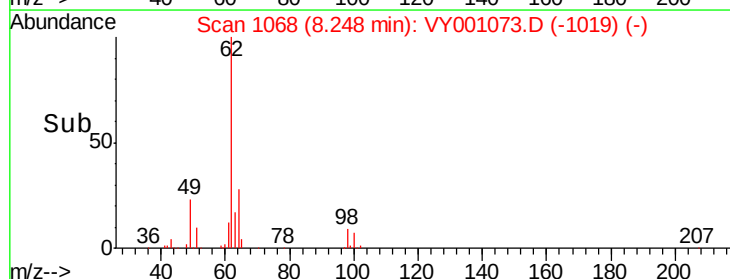
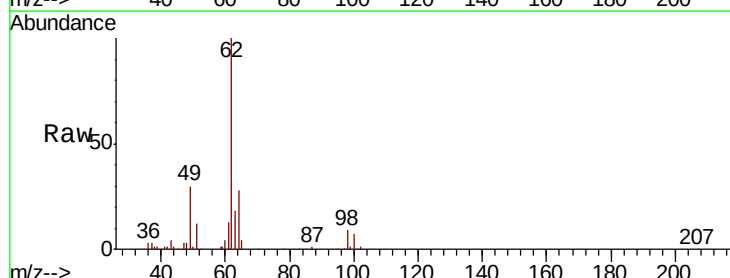
Manual Integrations
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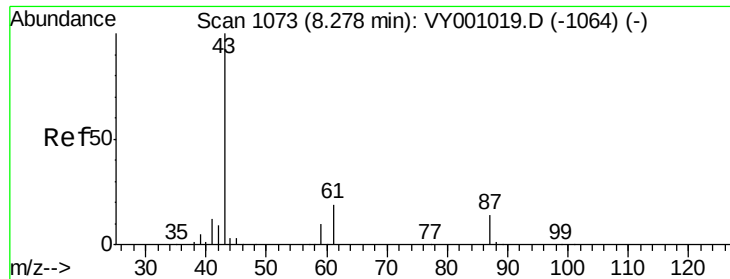
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#42
1,2-Dichloroethane
Concen: 50.153 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	62	Resp	81292
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	23.4





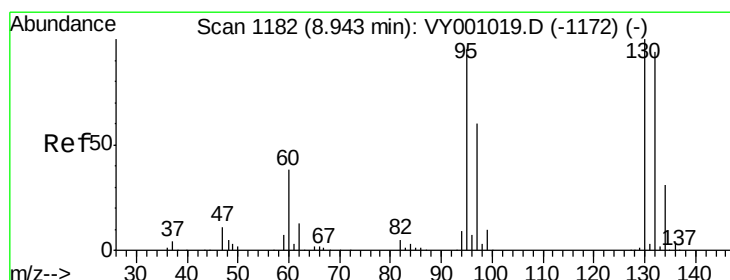
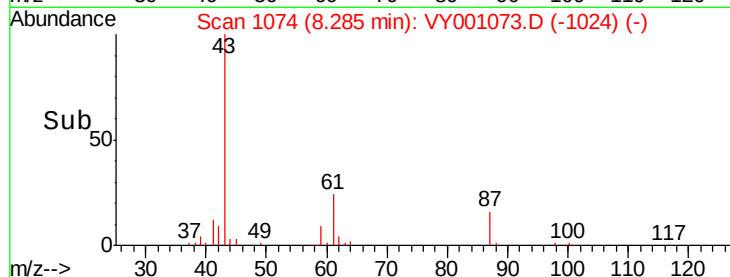
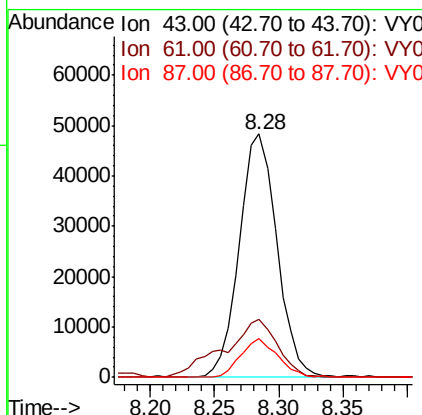
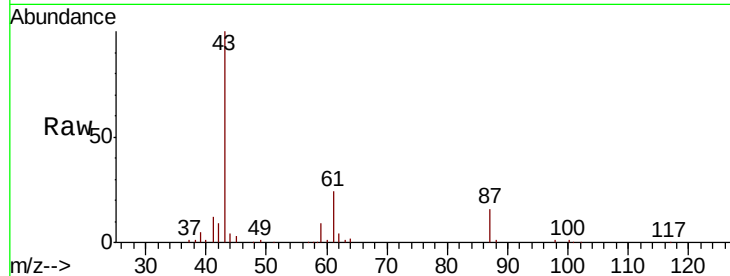
#43
Isopropyl Acetate
Concen: 42.642 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.7	25.0	37.6
87	15.6	12.0	18.0

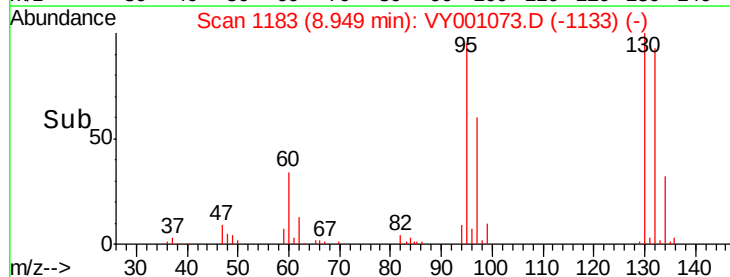
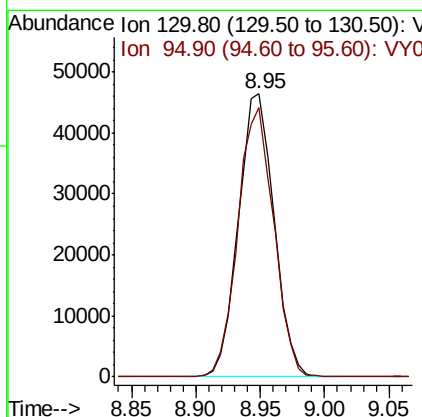
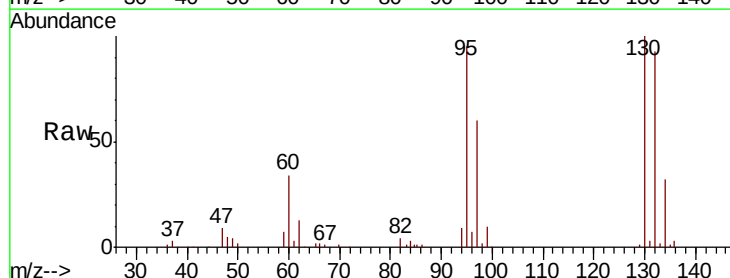
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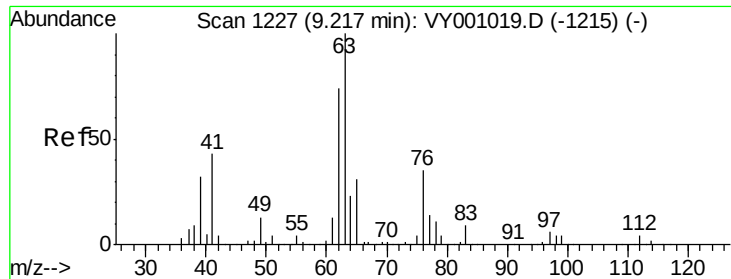
apatel
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#44
Trichloroethene
Concen: 49.659 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	190.6





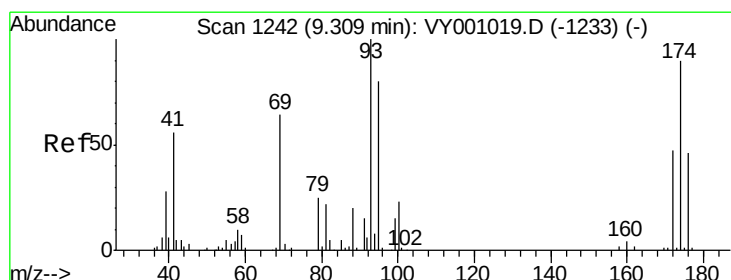
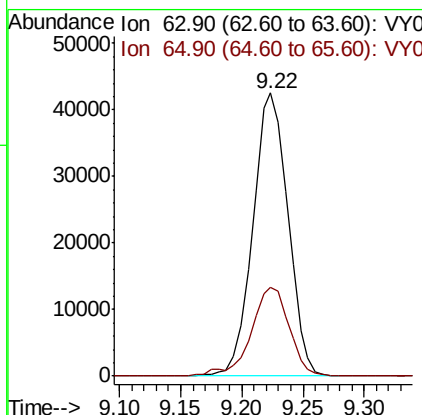
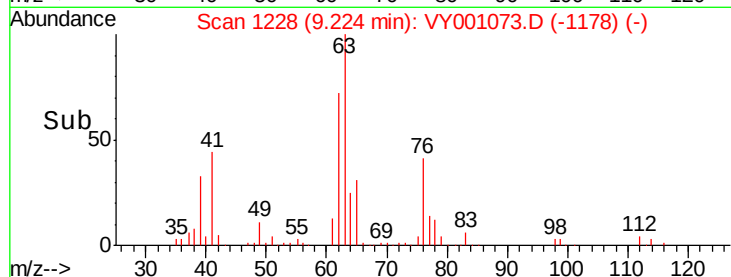
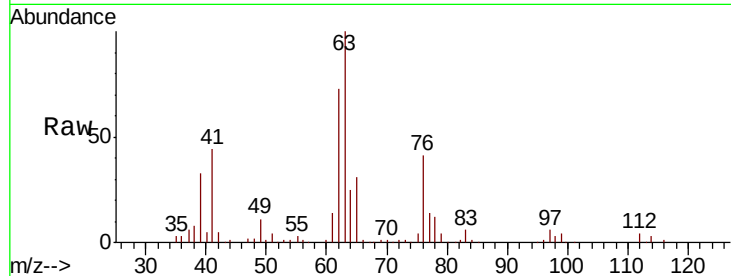
#45
 1,2-Dichloropropane
 Concen: 50.016 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion: 63 Resp: 85066
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7

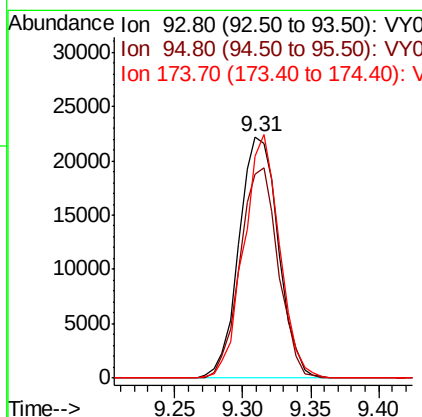
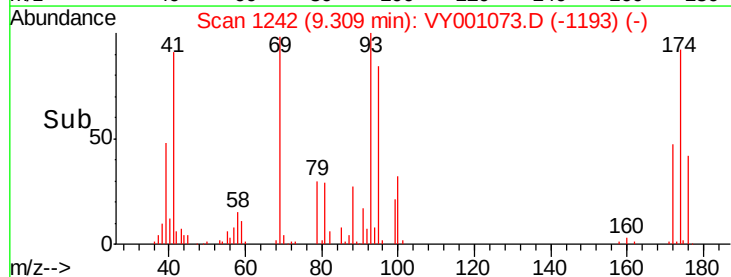
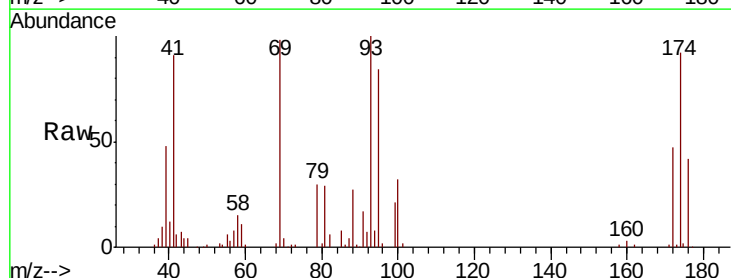
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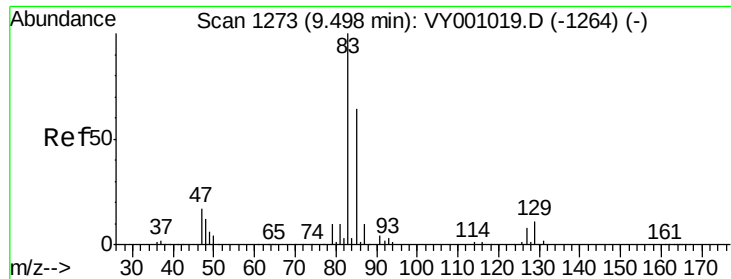
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#46
 Dibromomethane
 Concen: 51.202 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 93 Resp: 44890
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.7 100.1
 174 91.8 73.6 110.4





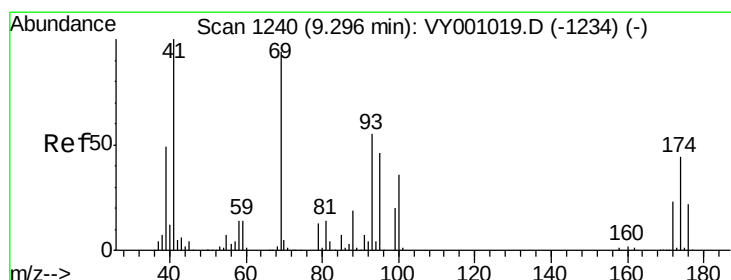
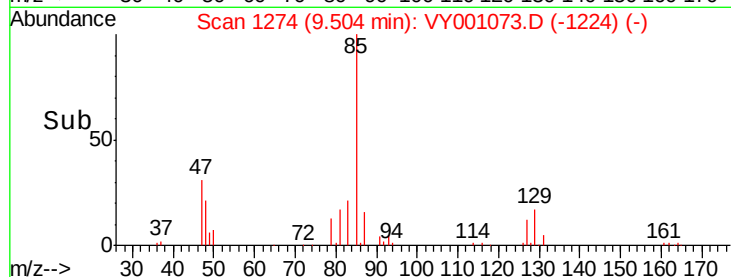
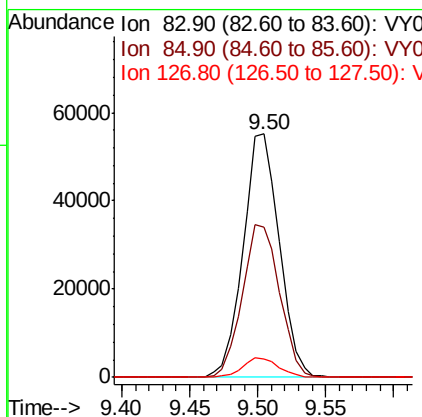
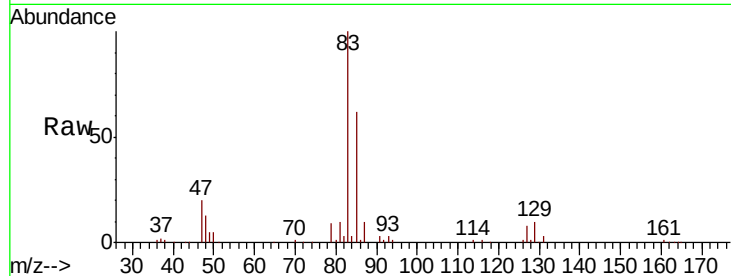
#47
Bromodichloromethane
Concen: 50.495 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	61.8	50.9	76.3	
127	7.7	6.4	9.6	

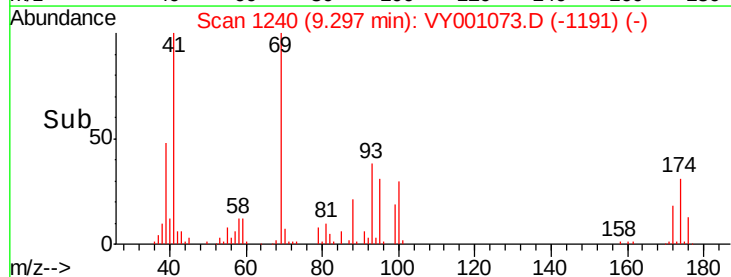
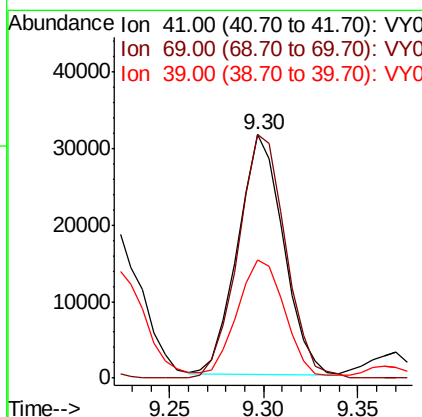
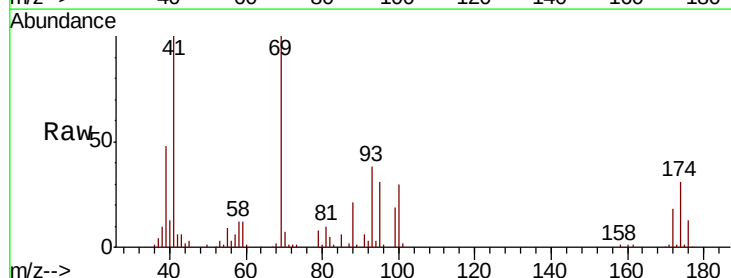
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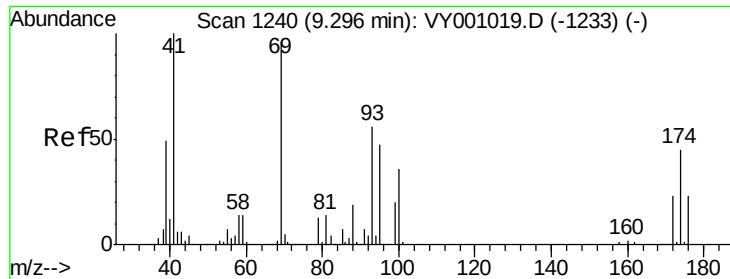
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#48
Methyl methacrylate
Concen: 53.835 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	105.3	79.8	119.6	
39	52.3	41.7	62.5	





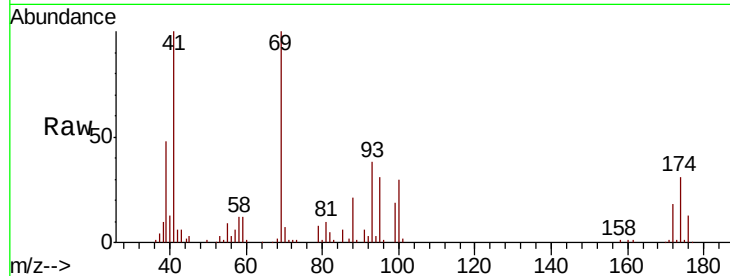
#49
1,4-Dioxane
Concen: 1085.845 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.4
58	65.0	54.9	82.3

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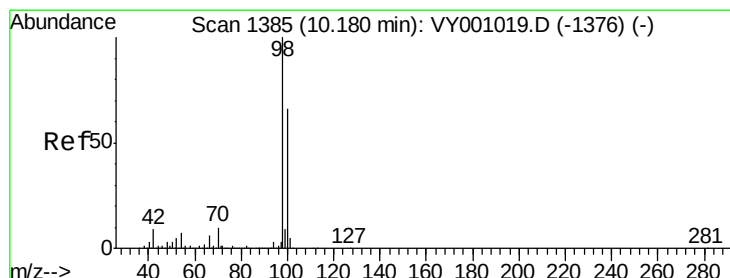
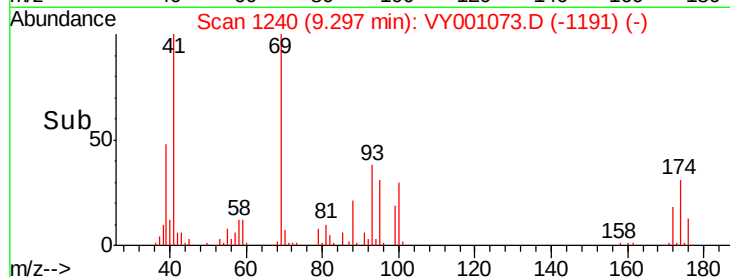
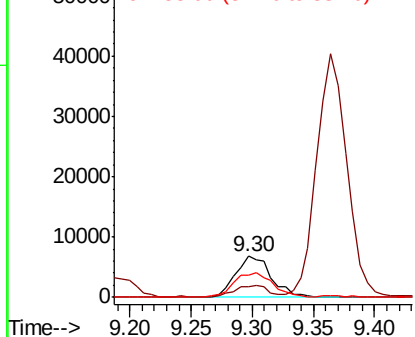


Abundance

Ion 88.00 (87.70 to 88.70): VY0

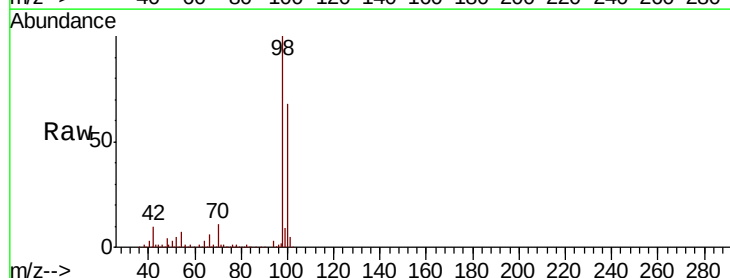
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 56.740 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

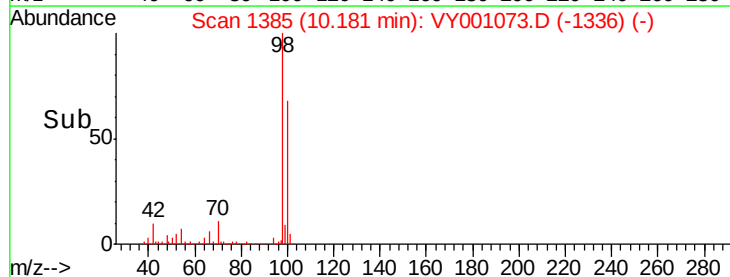
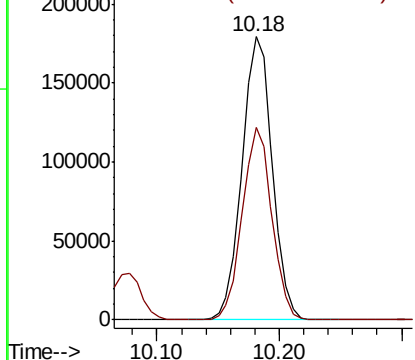
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

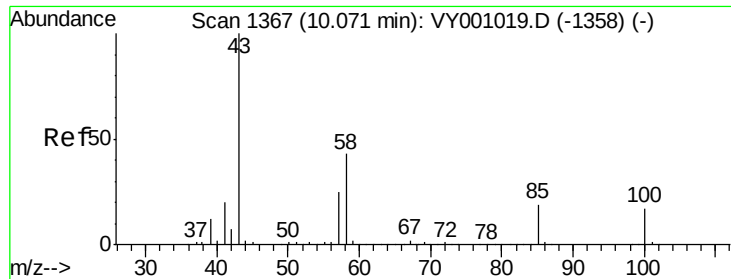


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





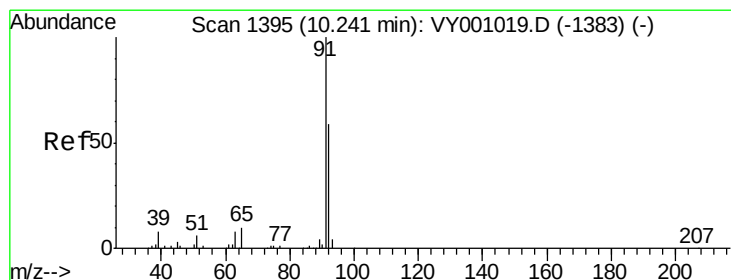
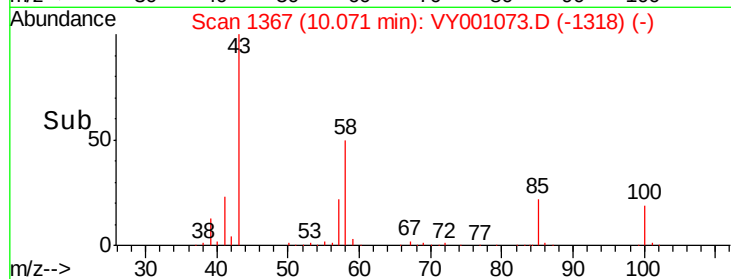
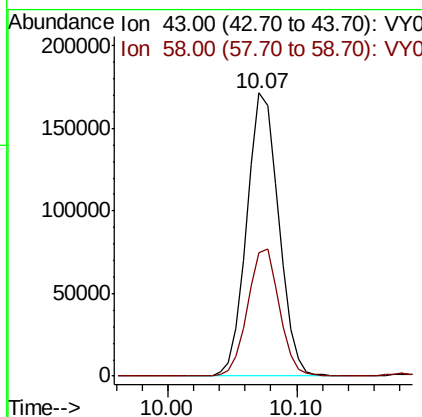
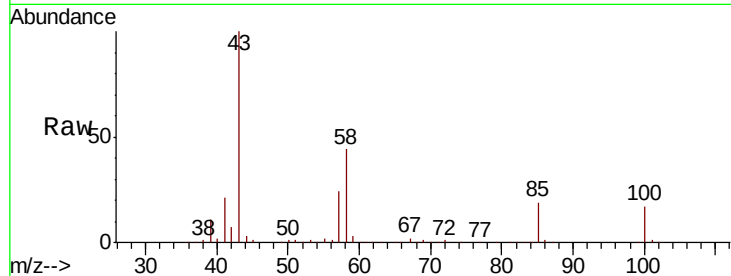
#51
4-Methyl-2-Pentanone
Concen: 244.045 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.6	34.6	52.0

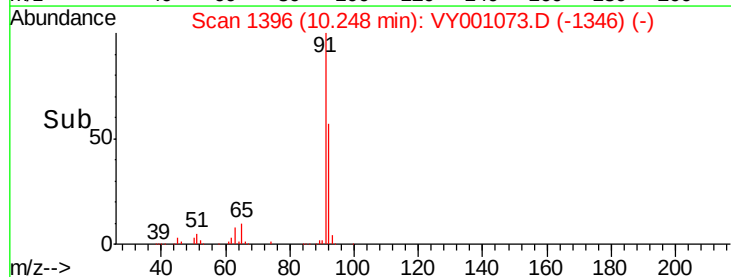
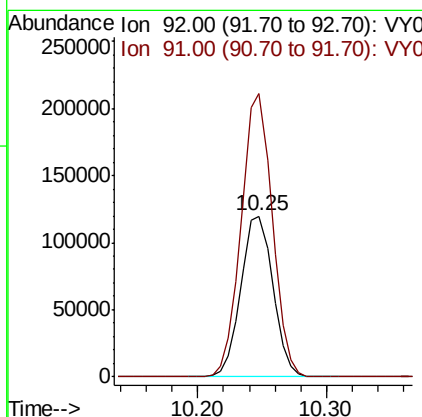
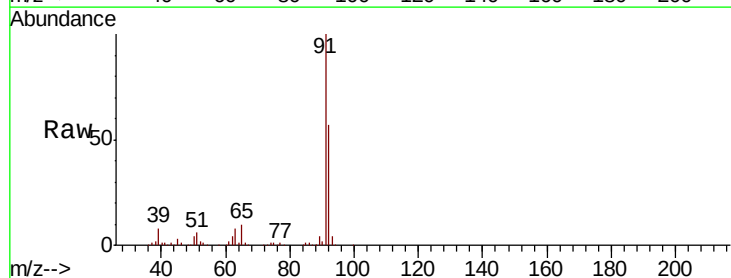
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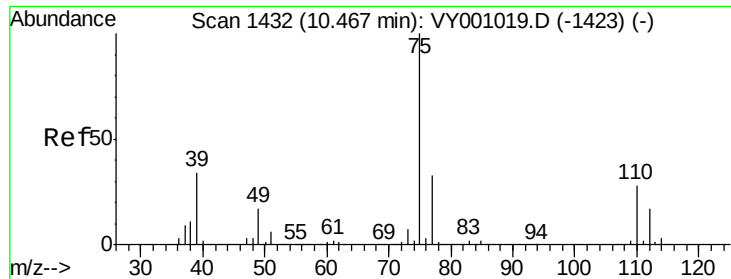
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#52
Toluene
Concen: 49.441 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	135.7	203.5





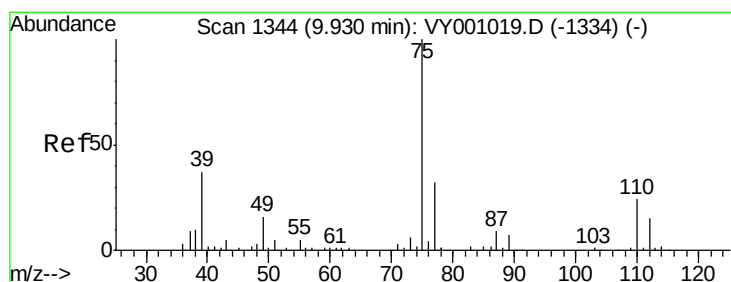
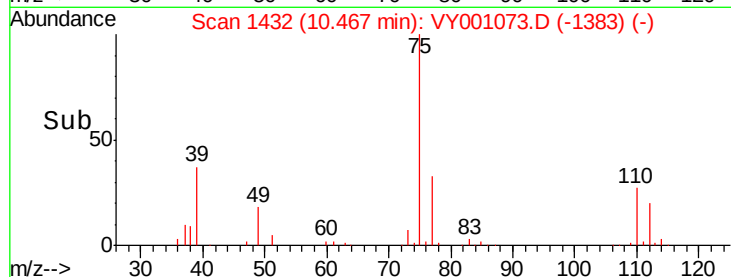
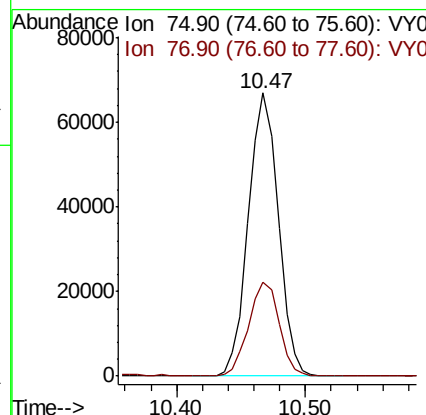
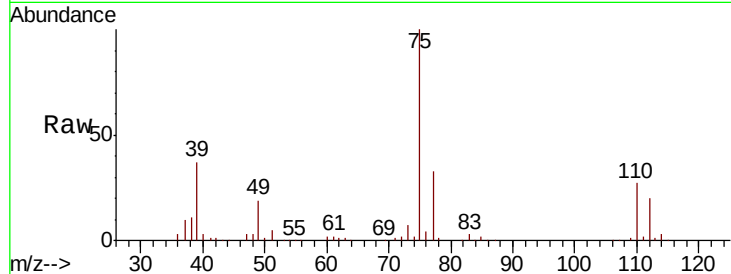
#53
 t-1,3-Dichloropropene
 Concen: 48.778 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	33.2	26.5	39.7	

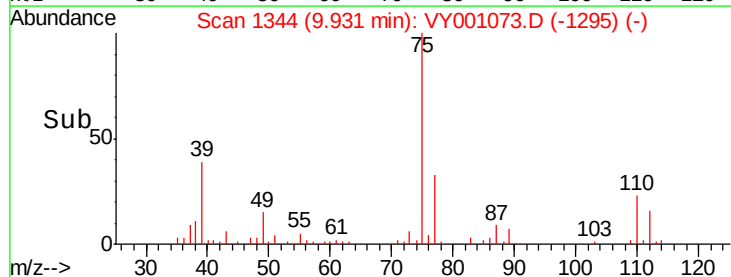
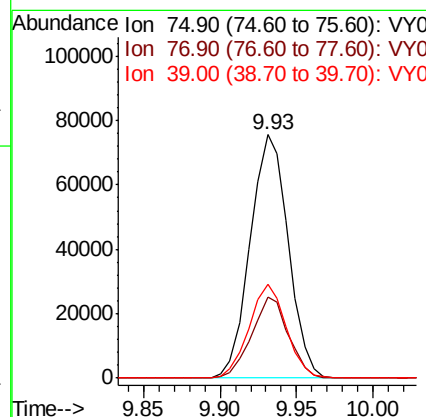
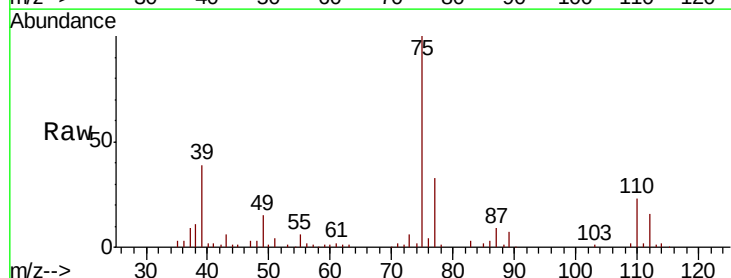
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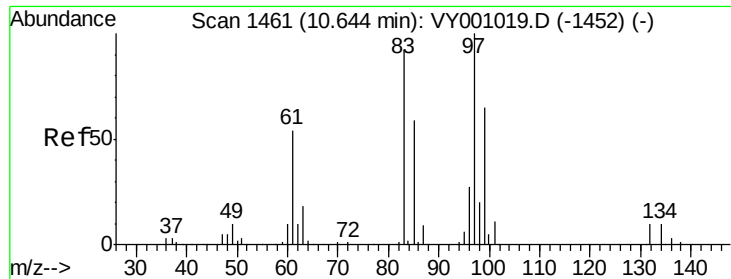
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#54
 cis-1,3-Dichloropropene
 Concen: 49.300 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
75	100			
77	33.4	25.2	37.8	
39	38.7	29.5	44.3	





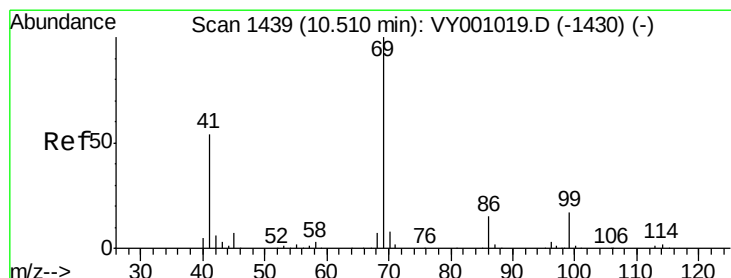
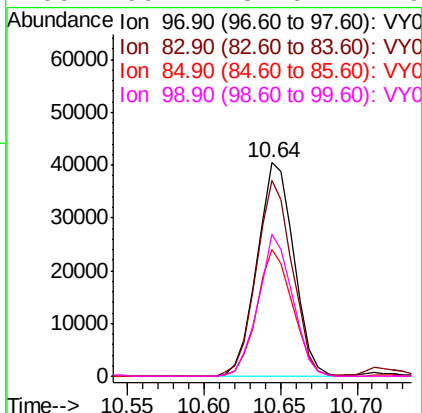
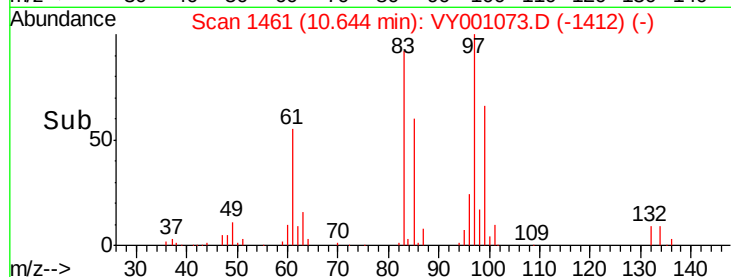
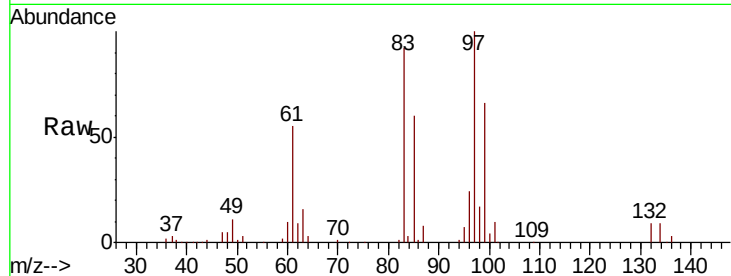
#55
 1,1,2-Trichloroethane
 Concen: 51.709 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion:	97	Resp:	67679
Ion	Ratio	Lower	Upper
97	100		
83	91.6	73.7	110.5
85	59.5	47.3	70.9
99	66.4	51.9	77.9

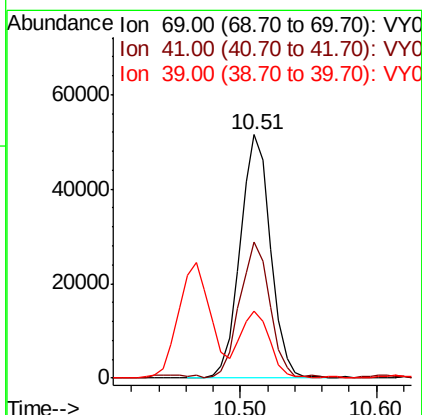
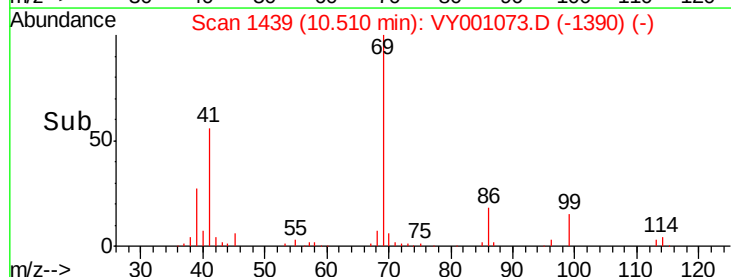
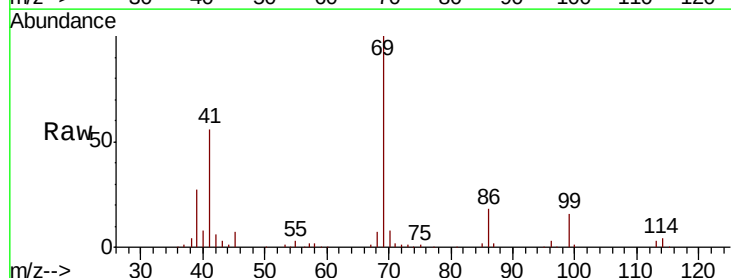
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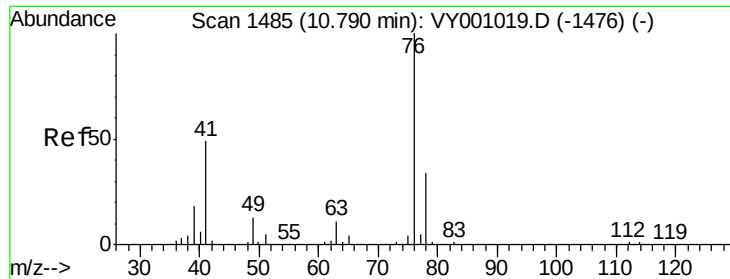
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#56
 Ethyl methacrylate
 Concen: 43.169 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion:	69	Resp:	80415
Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.7	67.1
39	25.9	22.2	33.4





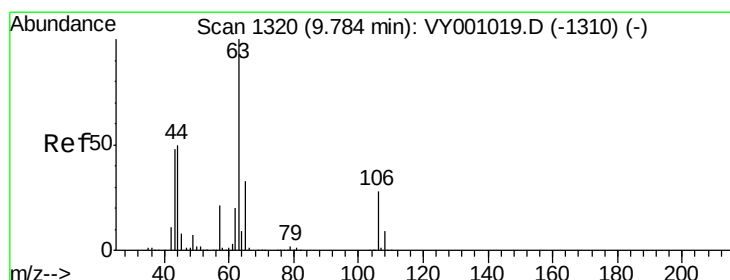
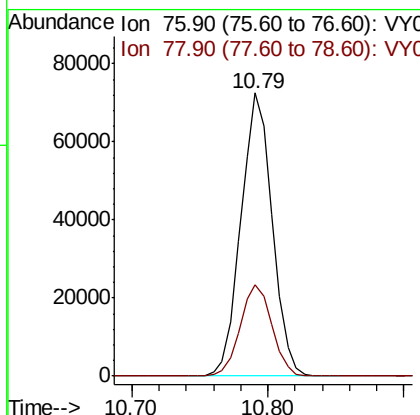
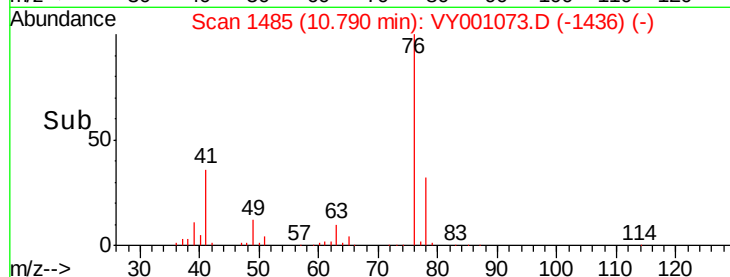
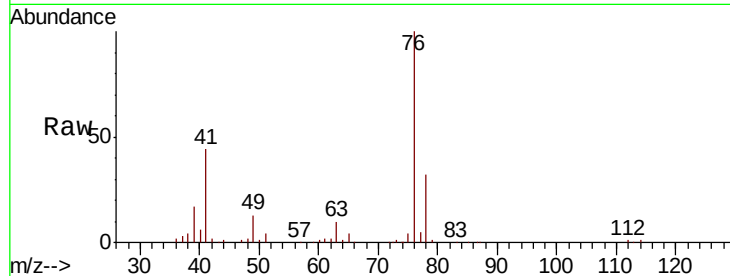
#57
 1,3-Dichloropropane
 Concen: 50.801 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion: 76 Resp: 116546
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

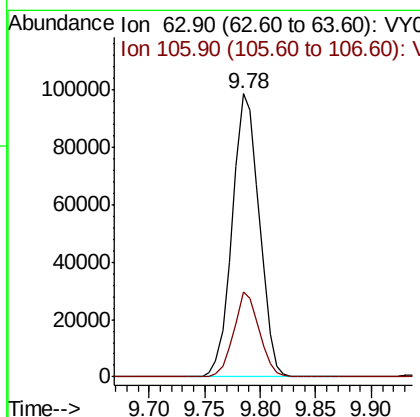
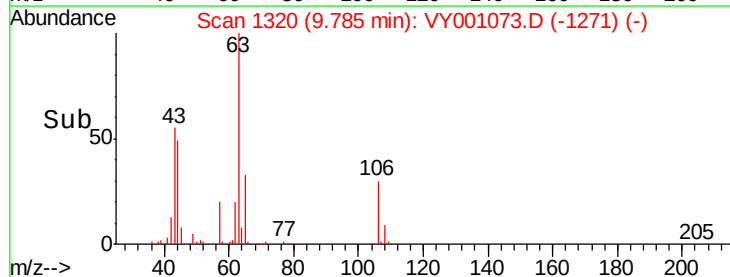
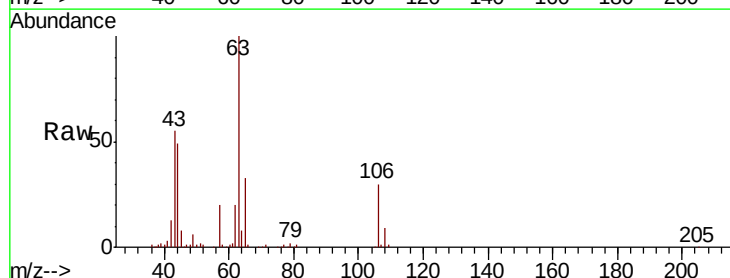
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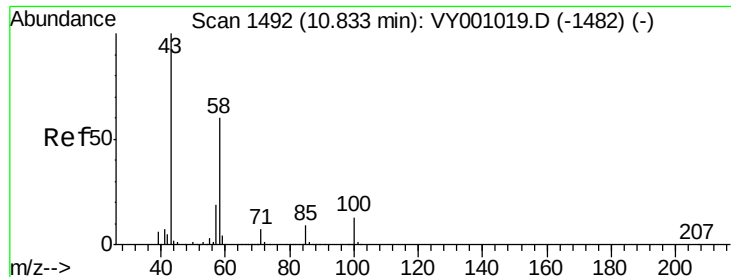
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#58
 2-Chloroethyl Vinyl ether
 Concen: 230.854 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion: 63 Resp: 166096
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1





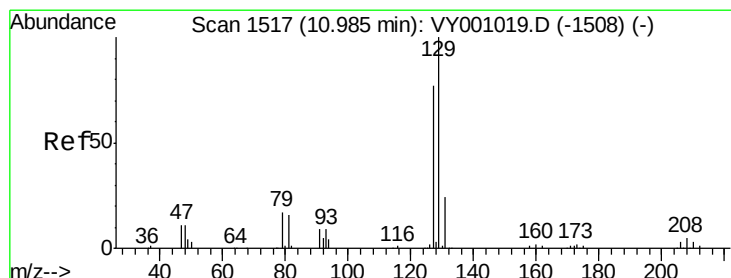
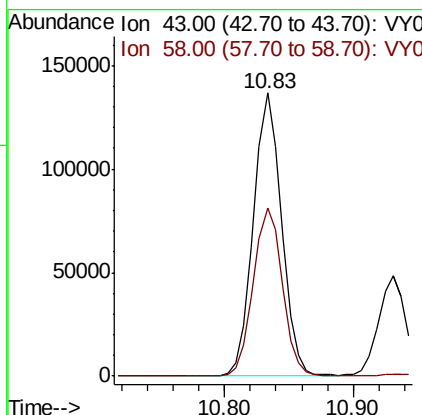
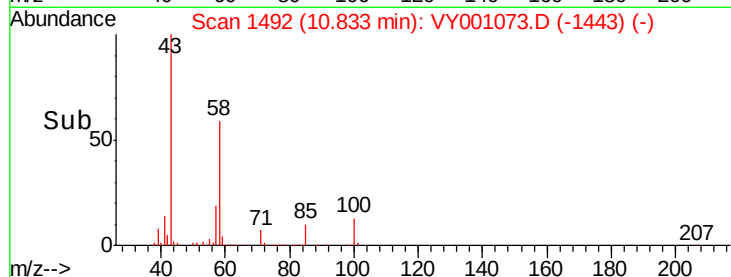
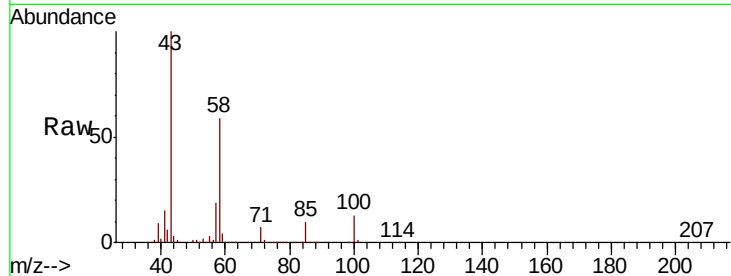
#59
2-Hexanone
Concen: 248.320 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	43	Resp	206287
Ion Ratio	100	Lower	Upper
43	100		
58	61.2	30.6	91.6

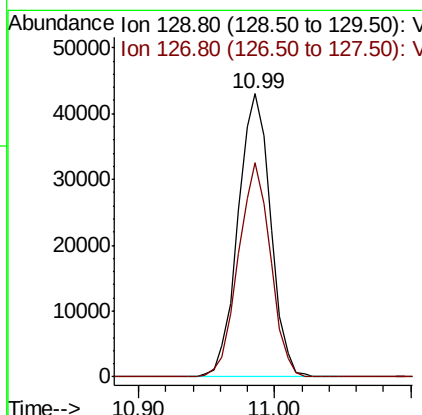
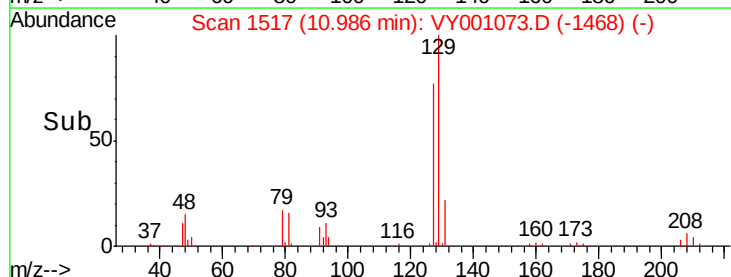
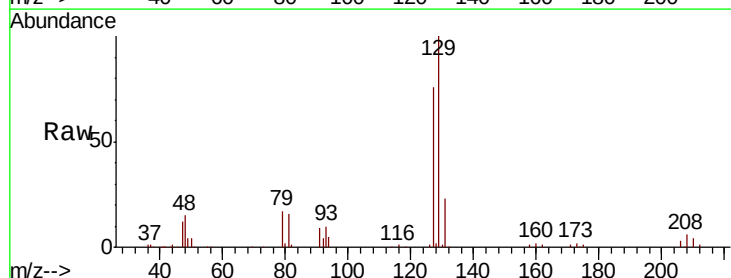
Manual Integrations
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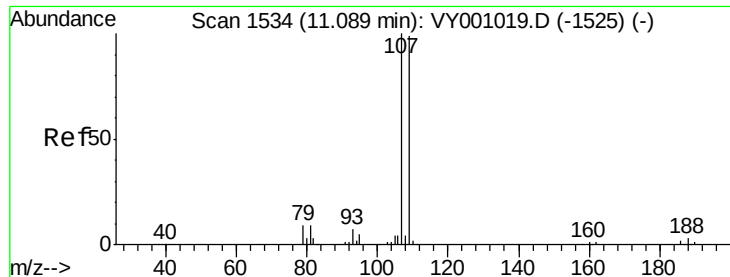
apatel
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#60
Dibromochloromethane
Concen: 51.487 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	129	Resp	71983
Ion Ratio	100	Lower	Upper
129	100		
127	74.7	39.1	117.3





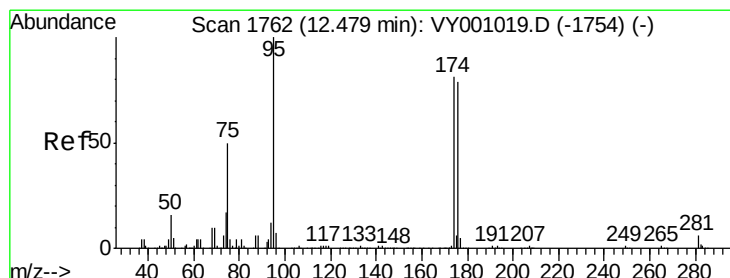
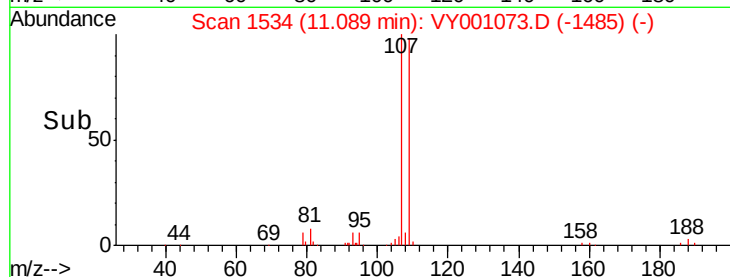
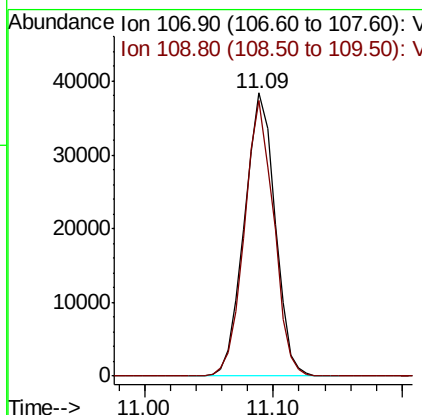
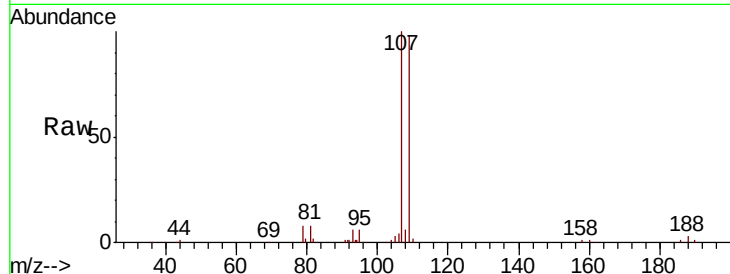
#61
 1,2-Dibromoethane
 Concen: 50.351 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.8	112.2

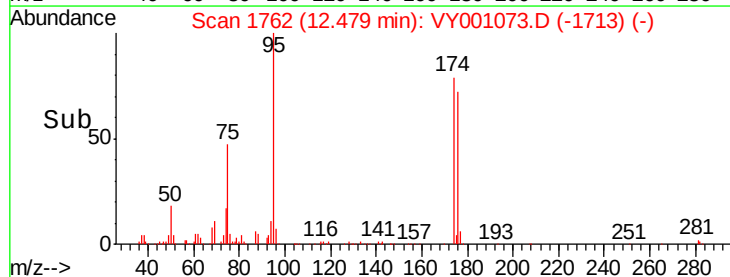
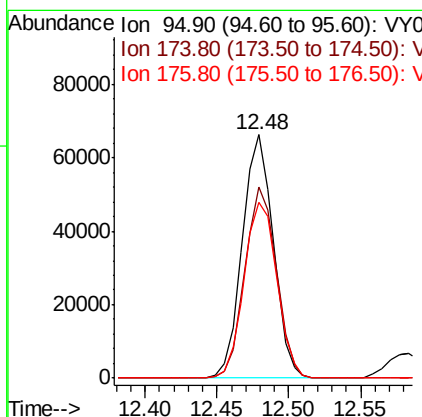
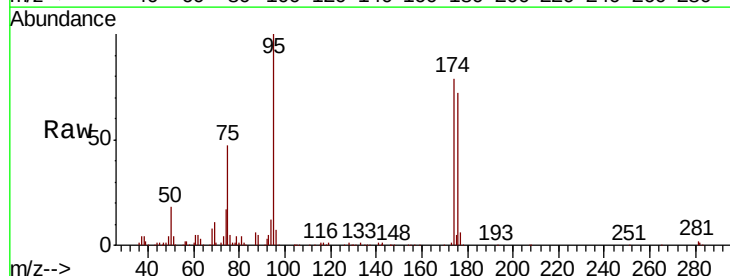
Manual Integrations
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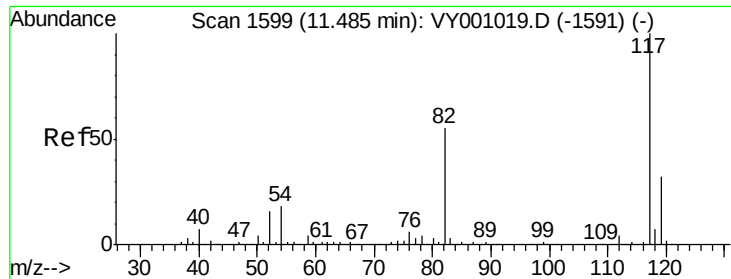
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.752 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	156.4
176	76.4	0.0	155.0





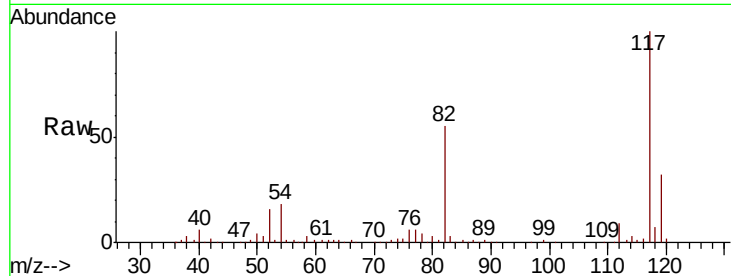
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.8
119	31.6	25.8	38.6

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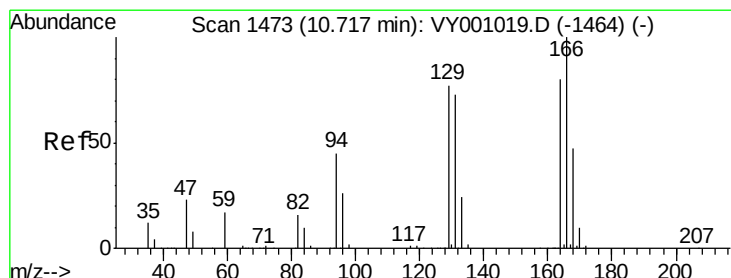
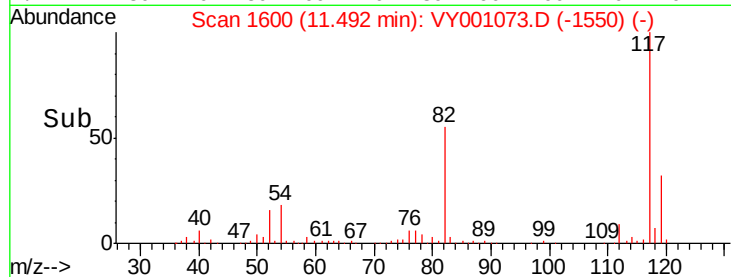
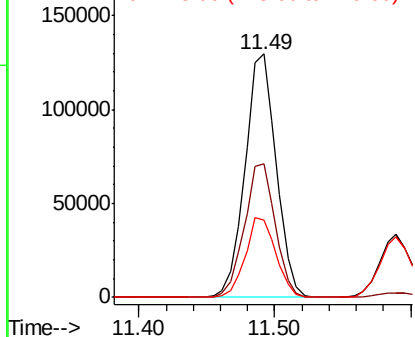


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.884 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.7	149.5
129	95.6	76.9	115.3
131	87.3	72.3	108.5

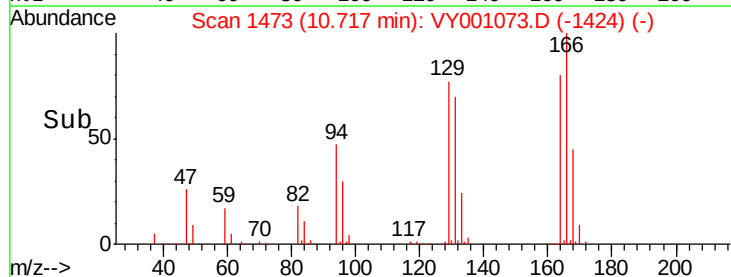
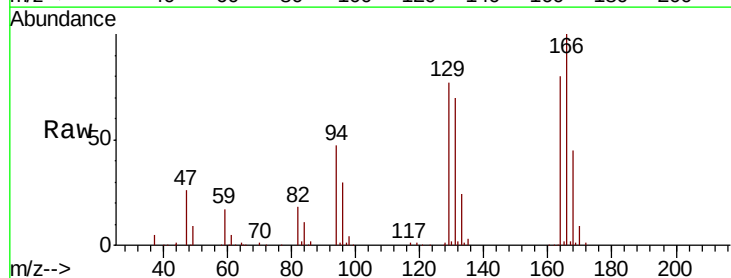
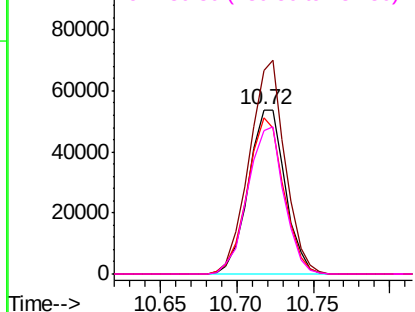
Abundance

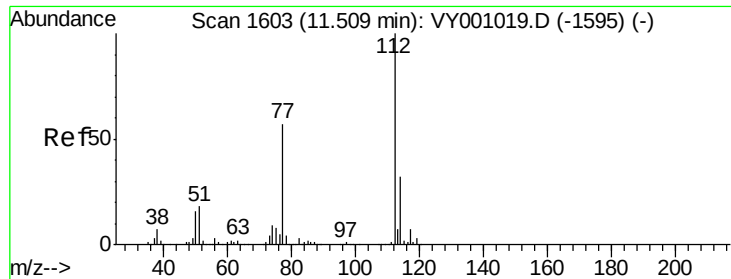
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





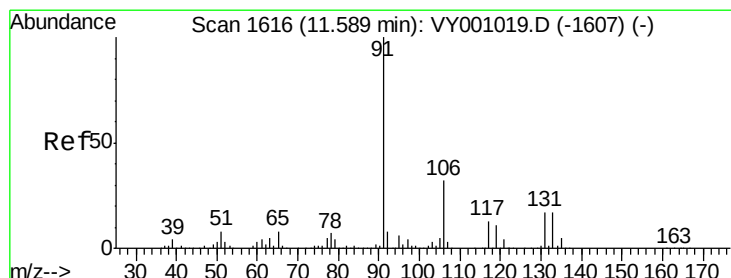
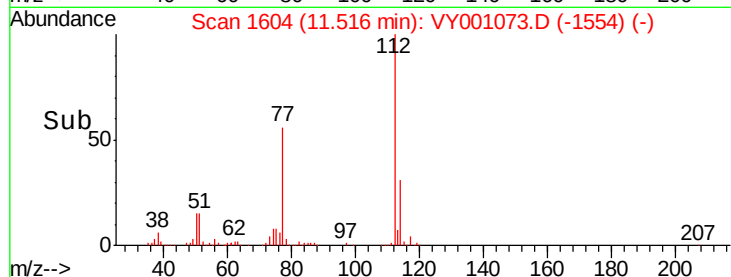
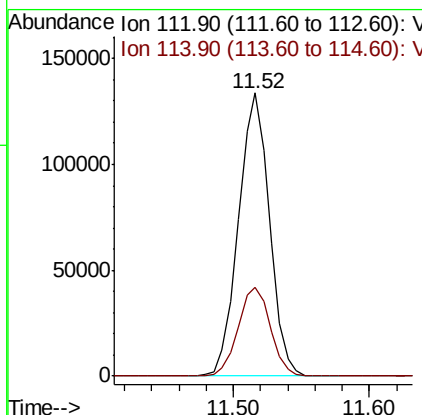
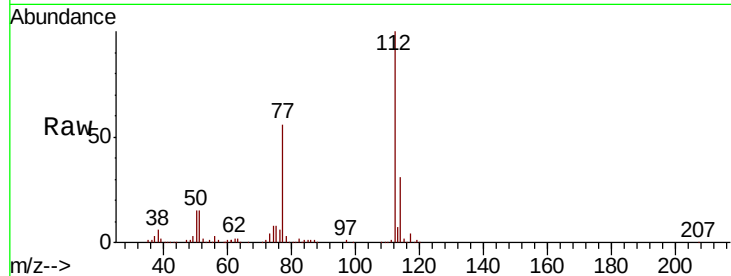
#65
Chlorobenzene
Concen: 49.279 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	211805		
114	31.4	25.4	38.2	

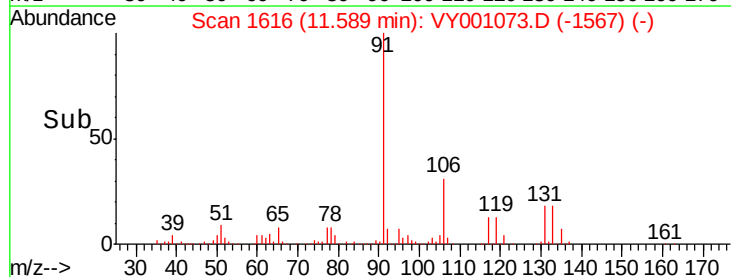
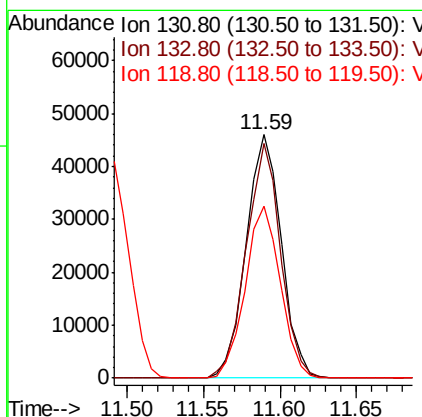
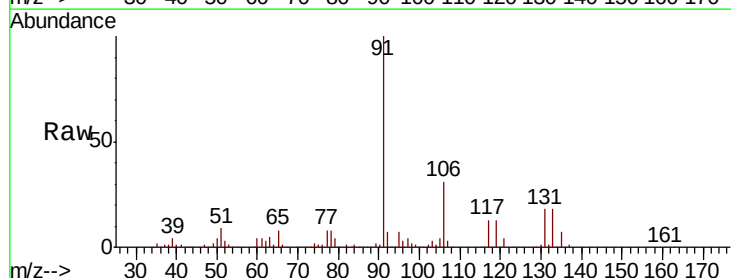
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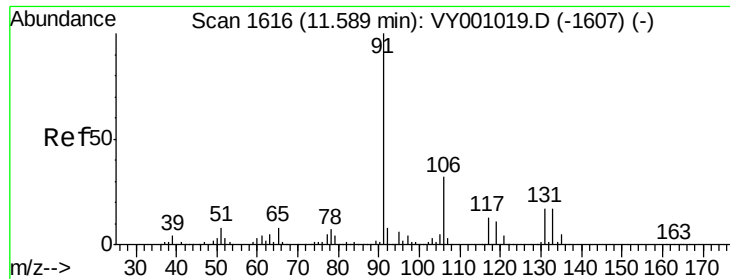
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.924 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	73648		
133	94.2	48.1	144.4	
119	70.5	34.0	101.8	





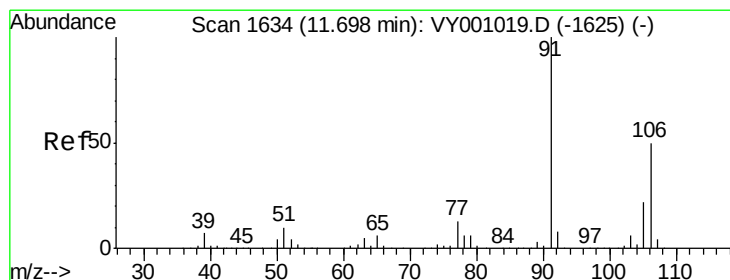
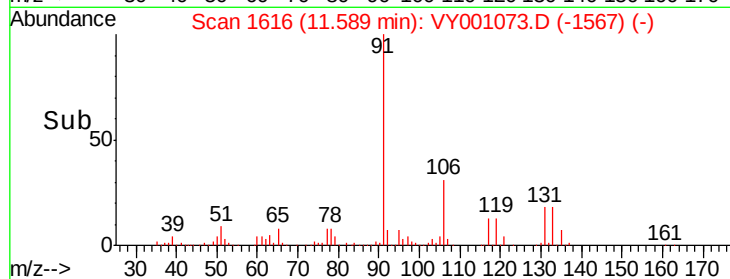
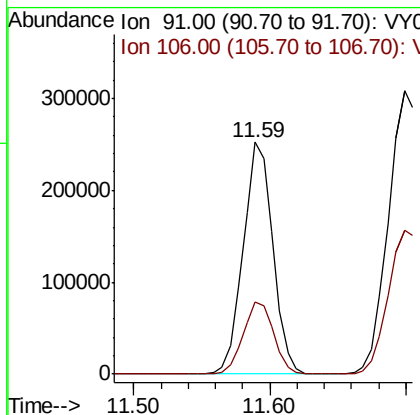
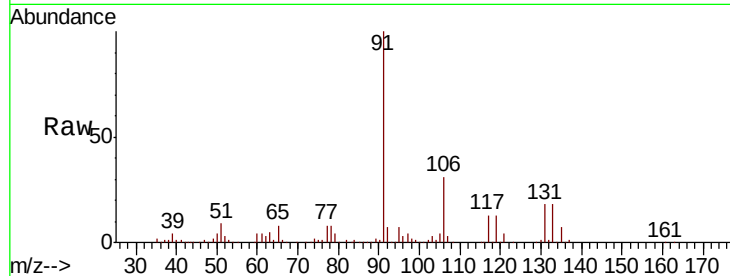
#67
Ethyl Benzene
Concen: 49.760 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion: 91 Resp: 384687
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

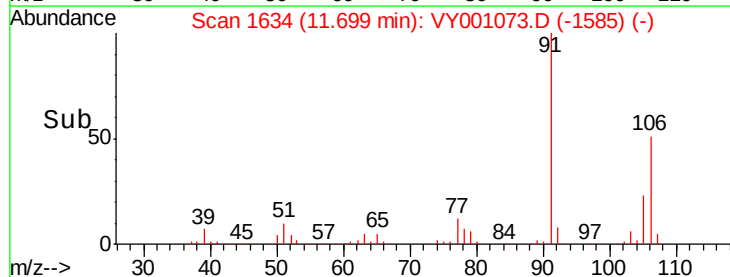
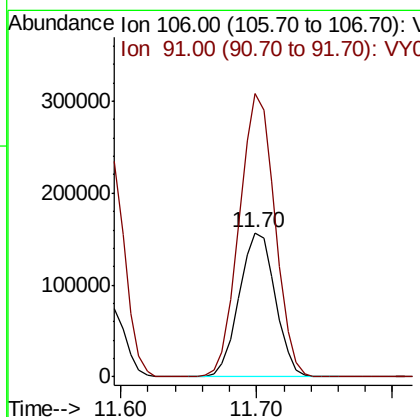
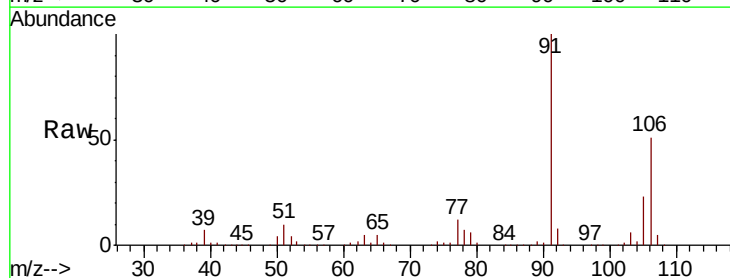
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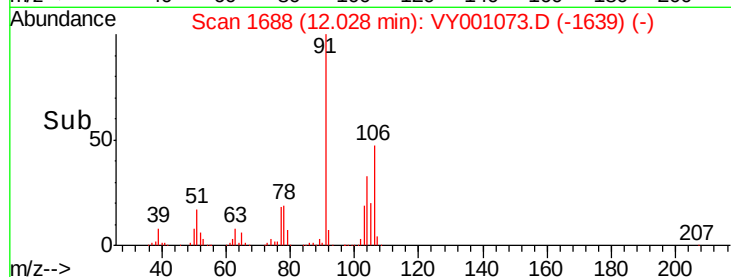
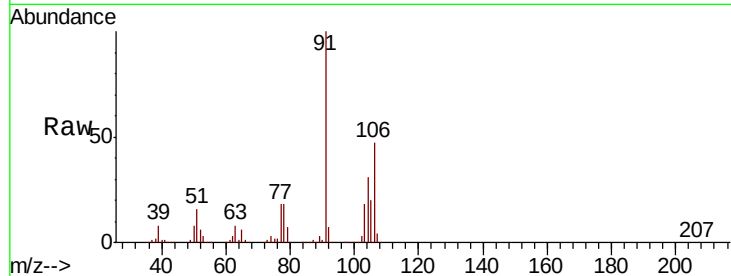
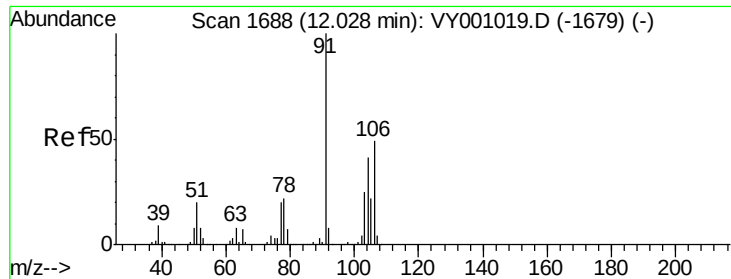
apatel
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#68
m/p-Xylenes
Concen: 99.142 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 106 Resp: 291018
Ion Ratio Lower Upper
106 100
91 193.7 156.4 234.6





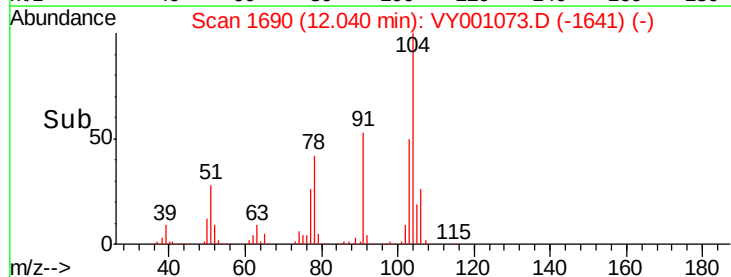
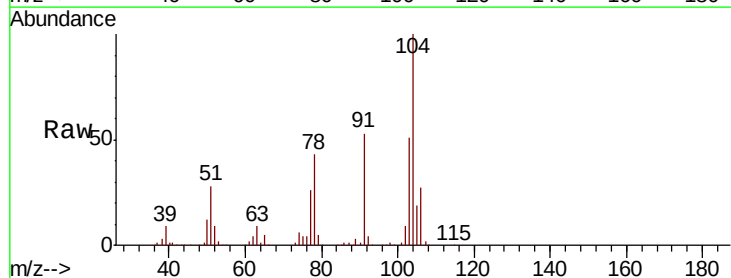
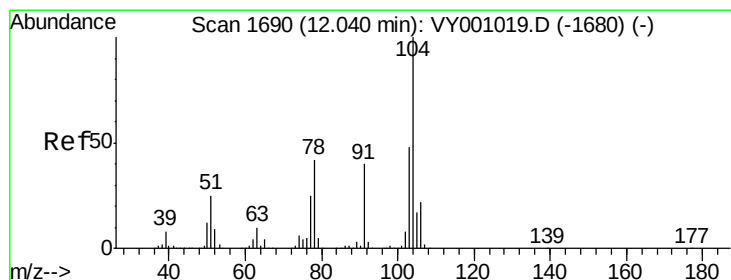
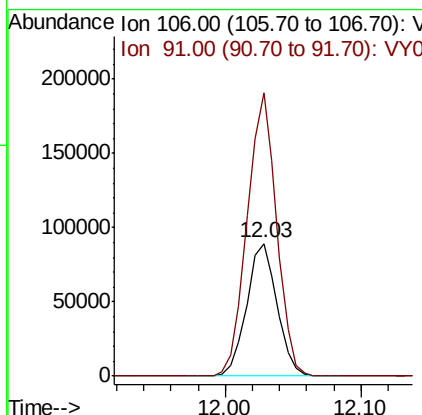
#69
o-Xylene
Concen: 50.420 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.4	103.0	309.0

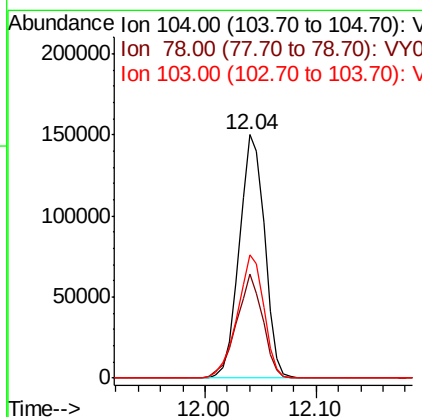
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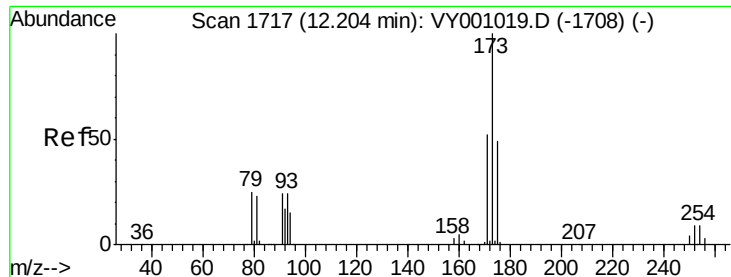
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#70
Styrene
Concen: 50.138 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.4	36.6	54.8
103	53.4	42.6	64.0





#71

Bromoform

Concen: 51.333 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

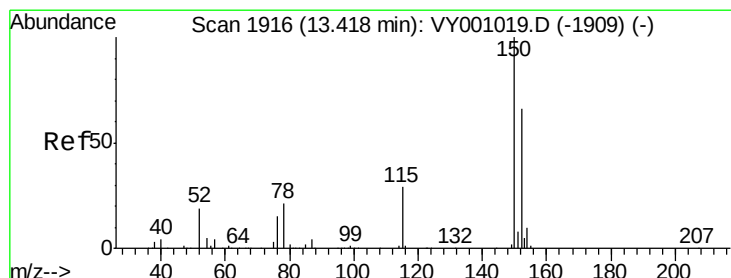
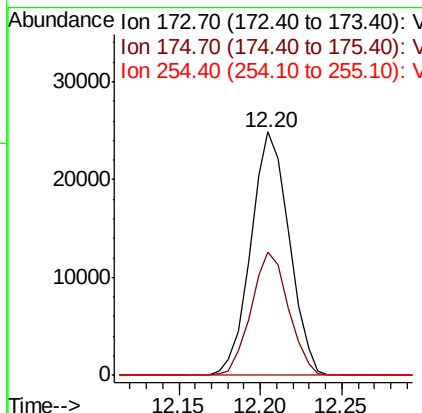
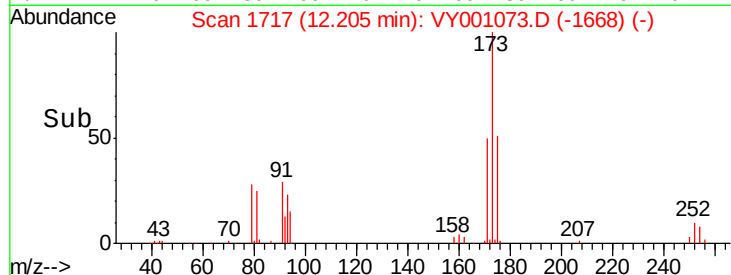
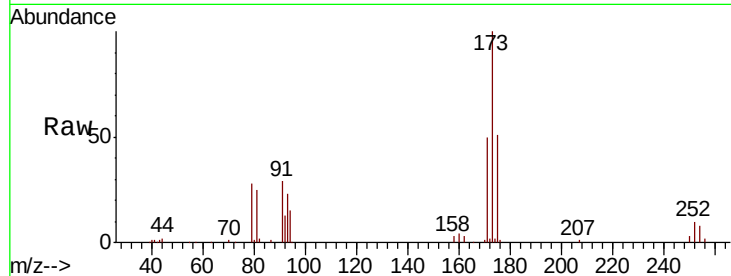
ClientSampleId :

SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.5	73.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

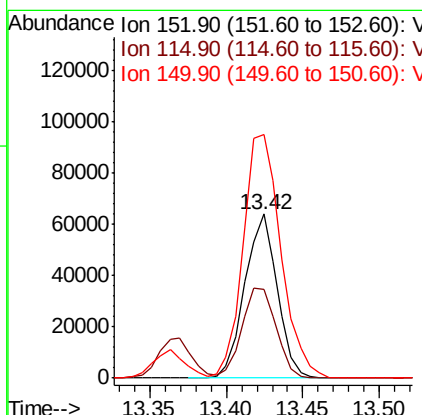
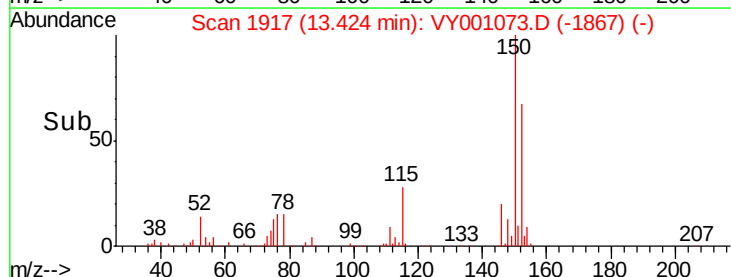
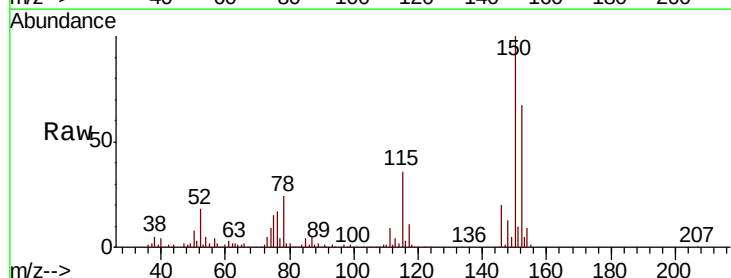
RT: 13.42 min Scan# 1917

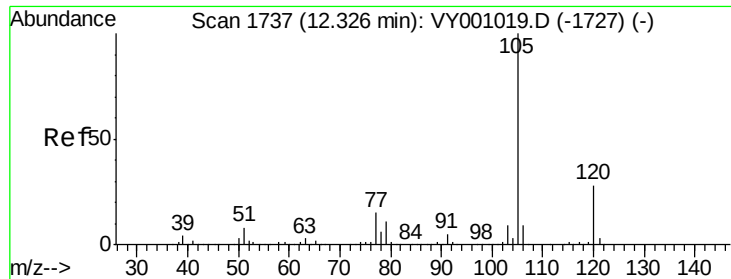
Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.8	89.3
150	173.6	0.0	352.6





#73

Isopropylbenzene

Concen: 50.538 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion: 105 Resp: 368289

Ion Ratio Lower Upper

105 100

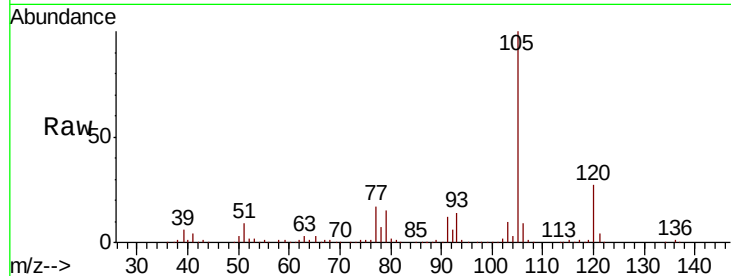
120 27.0 13.4 40.2

Manual Integrations

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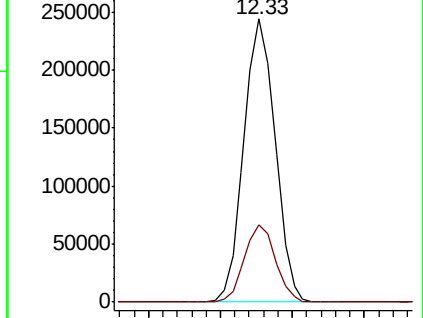
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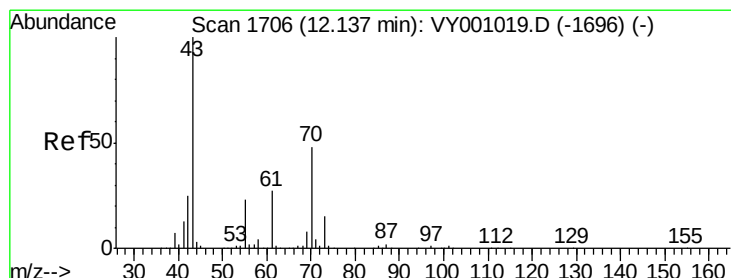
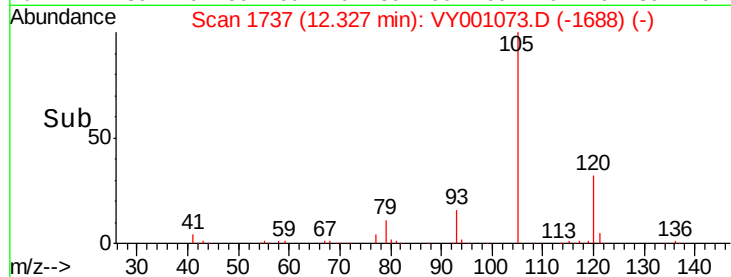


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 35.341 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion: 43 Resp: 67660

Ion Ratio Lower Upper

43 100

70 49.2 39.0 58.6

55 25.1 19.5 29.3

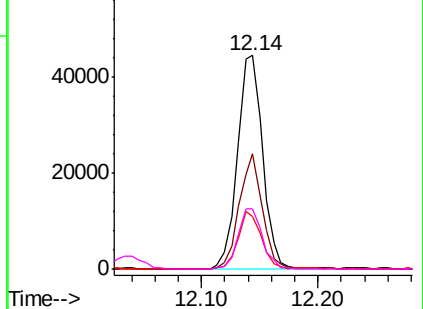
61 27.2 22.0 33.0

Abundance Ion 43.00 (42.70 to 43.70): VY0

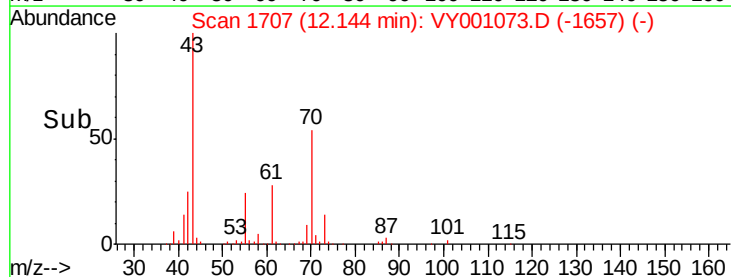
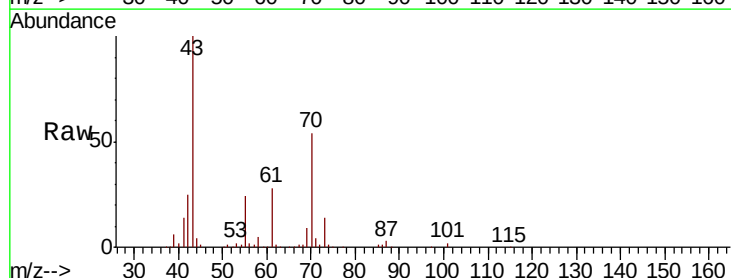
Ion 70.00 (69.70 to 70.70): VY0

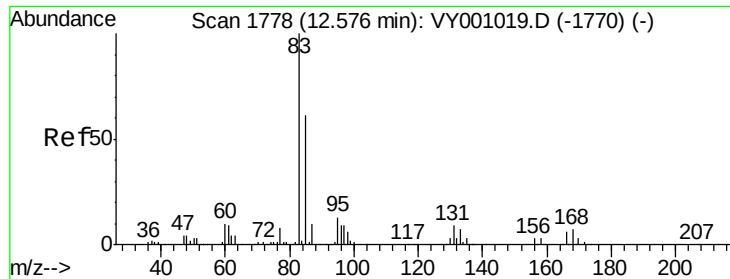
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.681 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

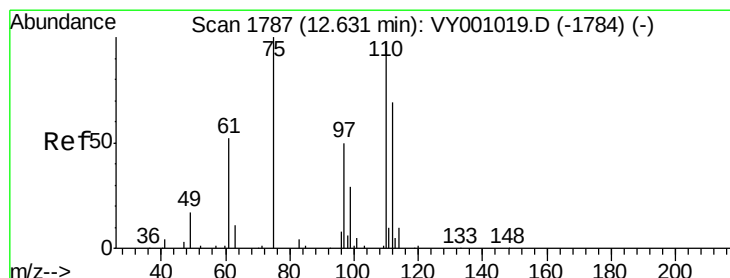
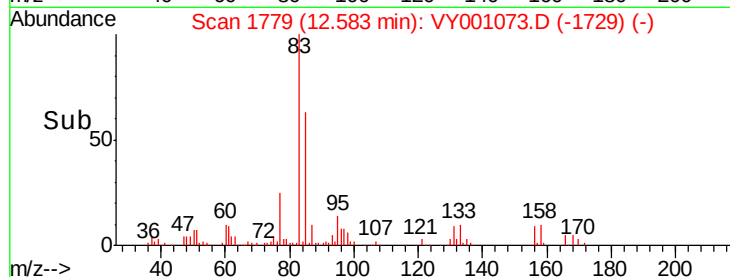
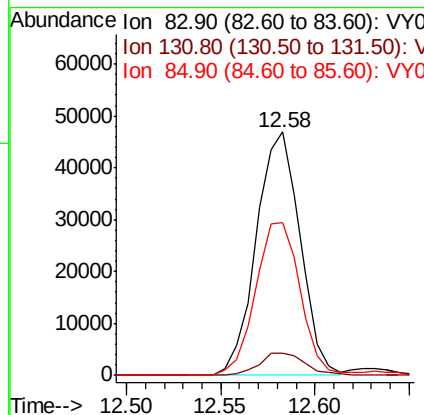
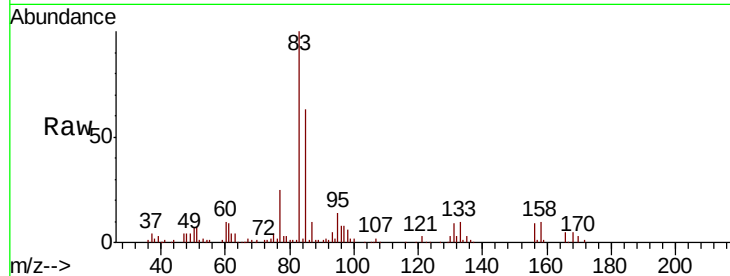
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	83	Resp:	75630
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.3
85	64.1	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.143 ug/l m

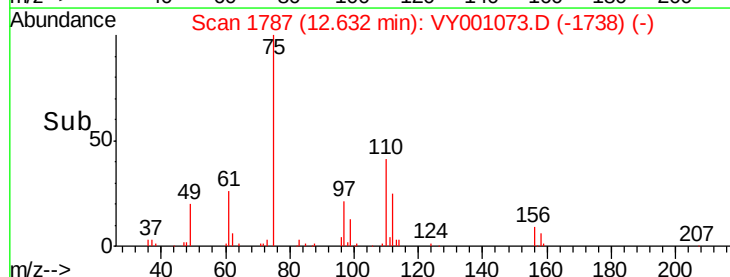
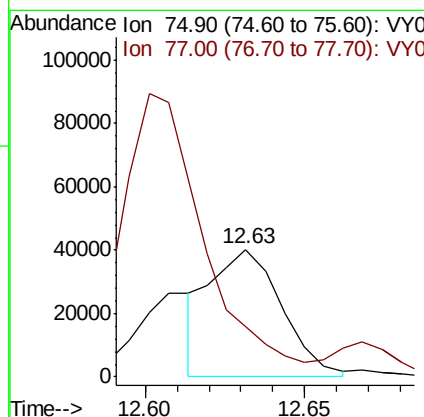
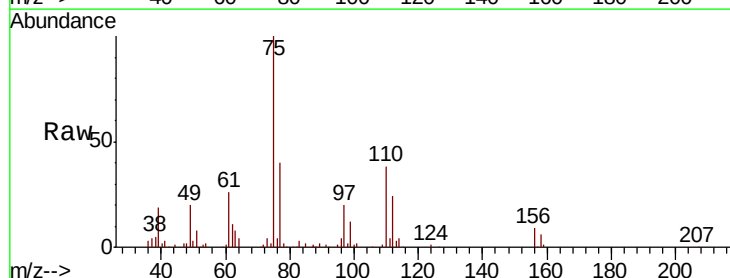
RT: 12.63 min Scan# 1787

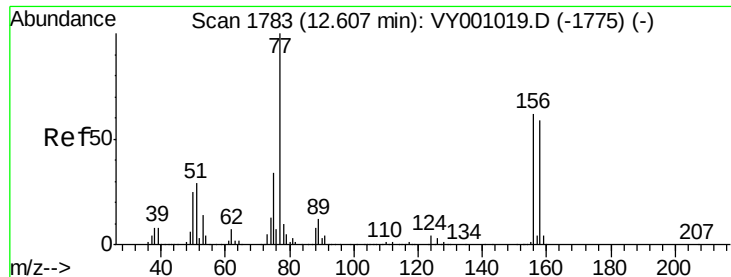
Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion:	75	Resp:	62856
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





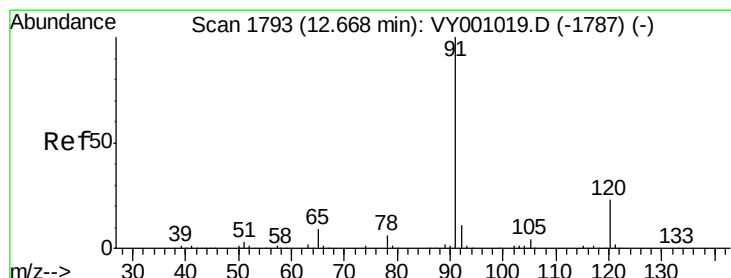
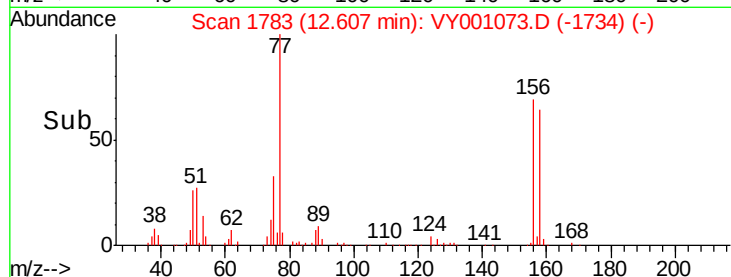
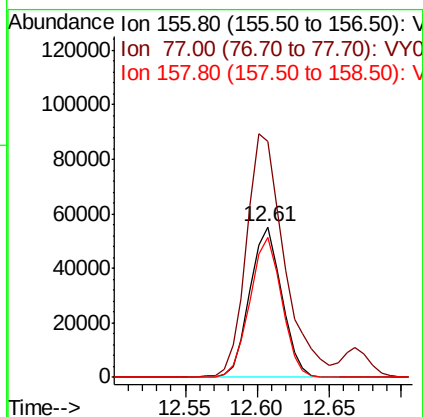
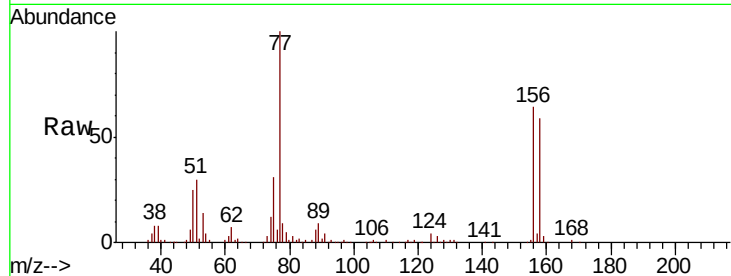
#77
Bromobenzene
Concen: 51.579 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.6	98.0	294.1
158	92.5	48.5	145.6

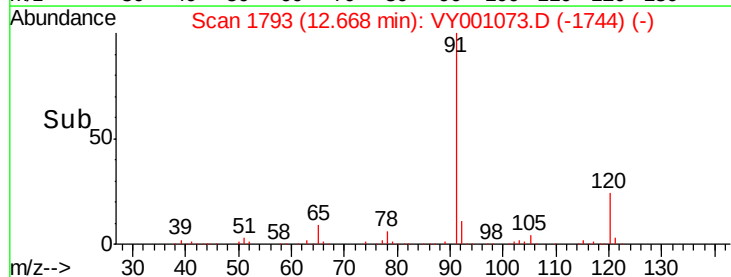
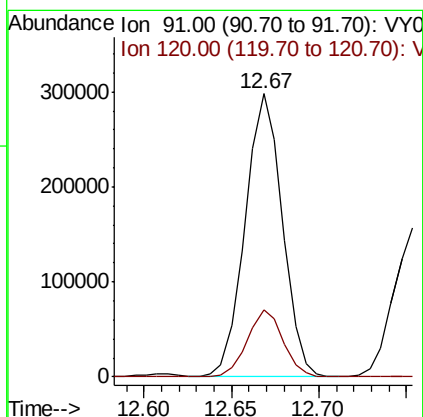
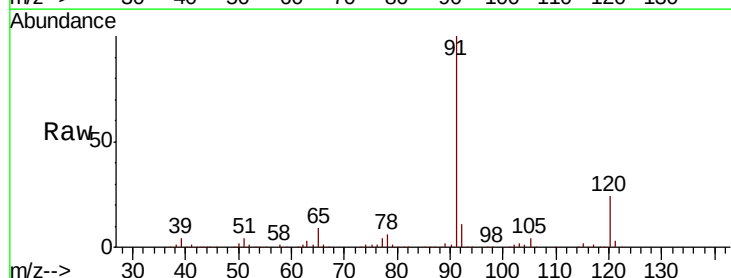
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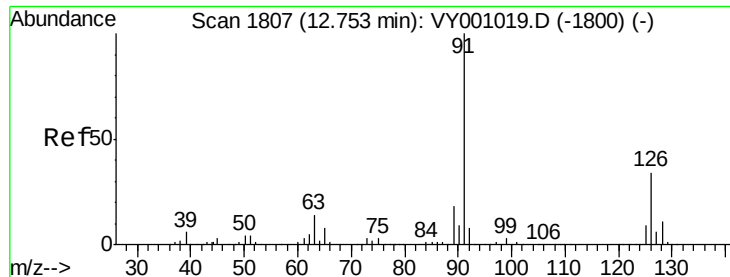
apatel
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#78
n-propylbenzene
Concen: 49.432 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.2





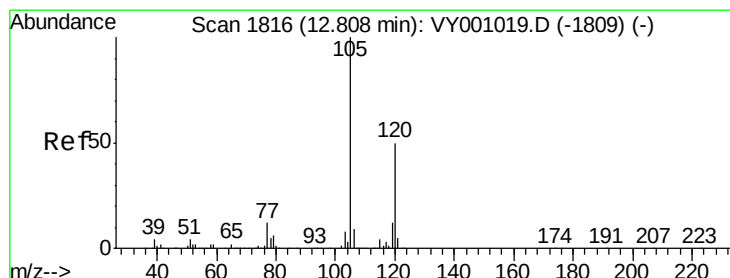
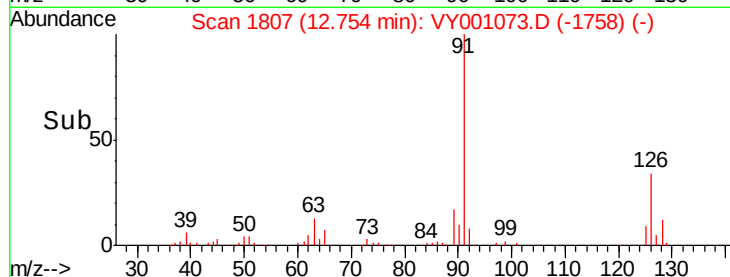
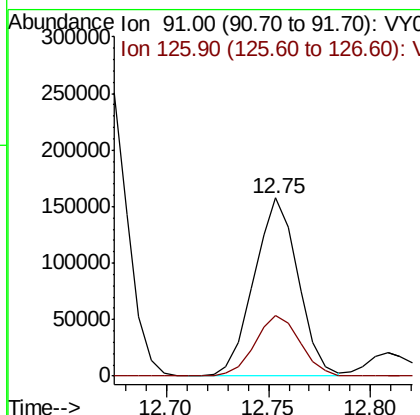
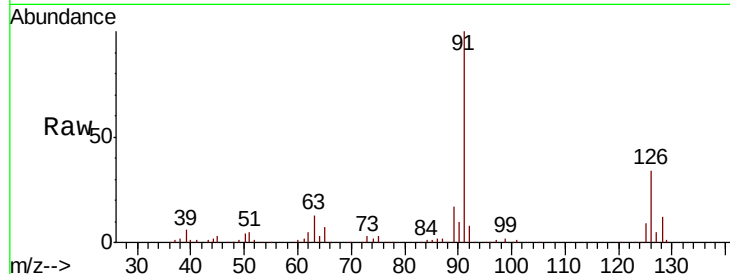
#79
2-Chlorotoluene
Concen: 48.264 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion: 91 Resp: 236678
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

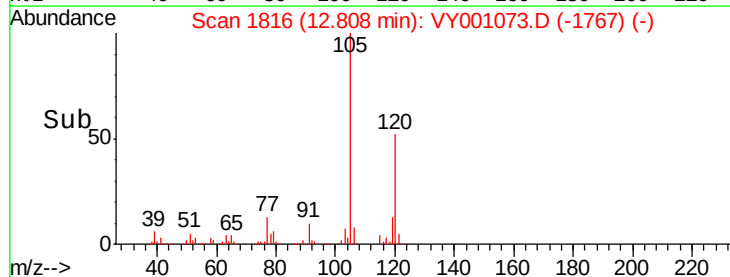
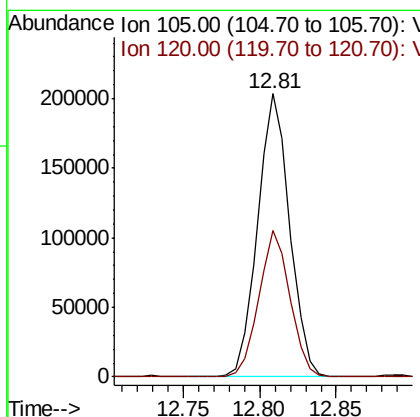
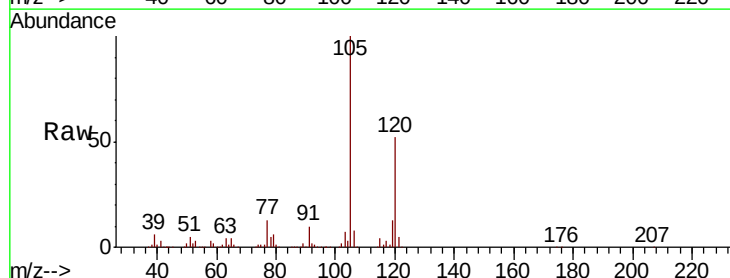
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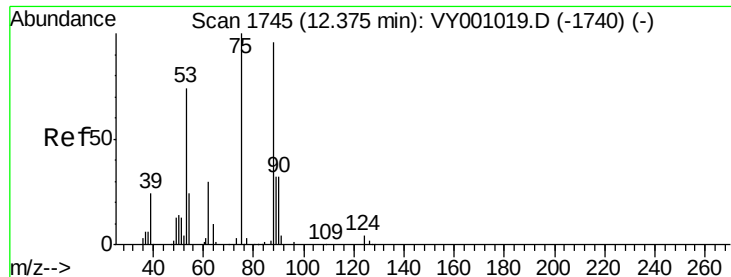
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#80
1,3,5-Trimethylbenzene
Concen: 49.601 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion: 105 Resp: 296289
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.240 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

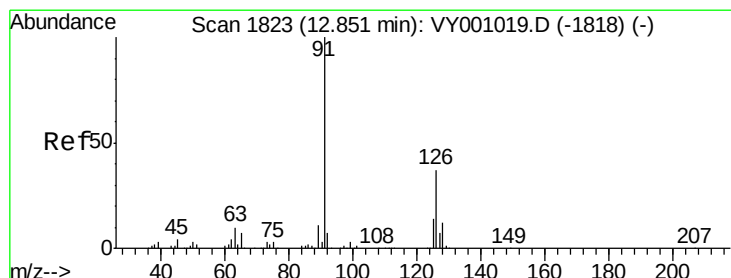
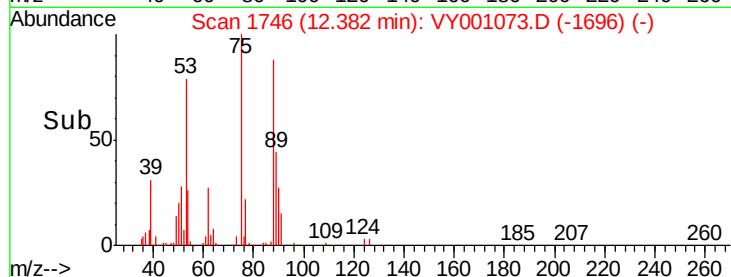
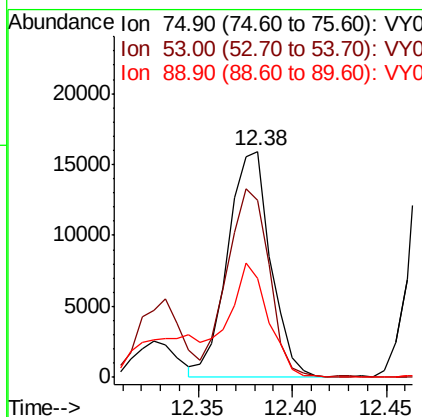
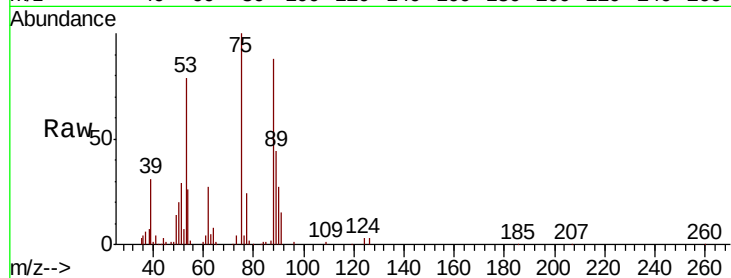
ClientSampleId :

SB-2-(4-5)MS

Tot Ion:	75	Resp:	25170
Ion	Ratio	Lower	Upper
75	100		
53	82.0	60.6	91.0
89	48.3	35.4	53.0

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#82

4-Chlorotoluene

Concen: 51.384 ug/l

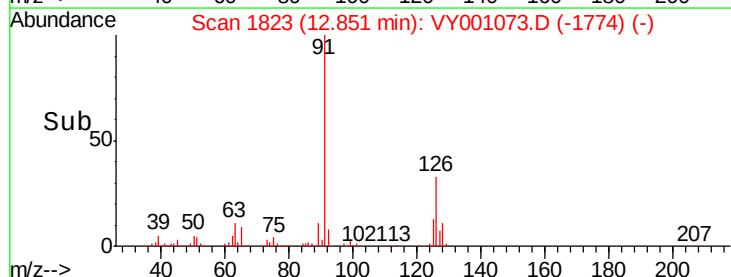
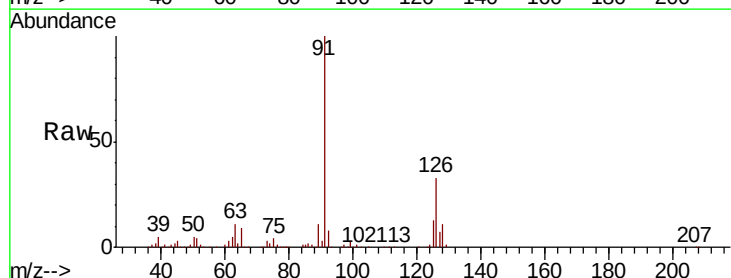
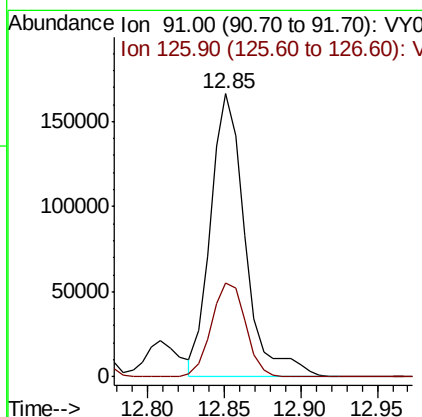
RT: 12.85 min Scan# 1823

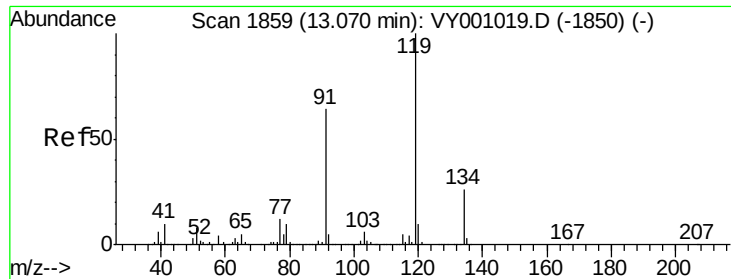
Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion:	91	Resp:	261719
Ion	Ratio	Lower	Upper
91	100		
126	32.8	17.6	52.8





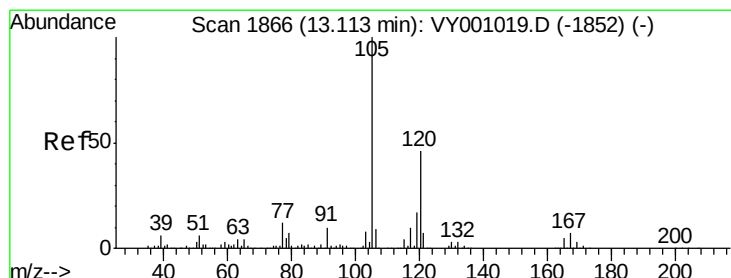
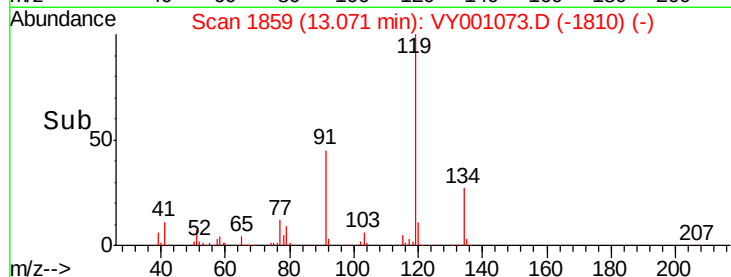
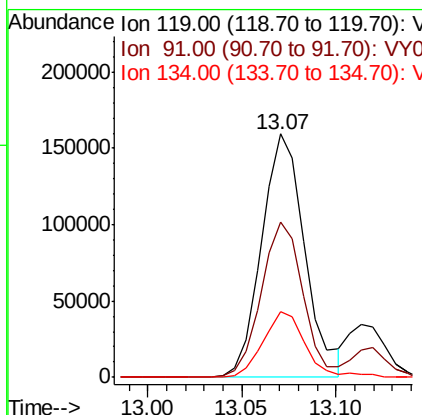
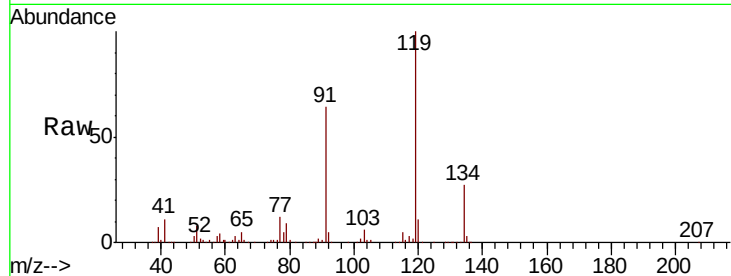
#83
 tert-Butylbenzene
 Concen: 50.699 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	31.9	95.7
134	26.6	13.6	40.7

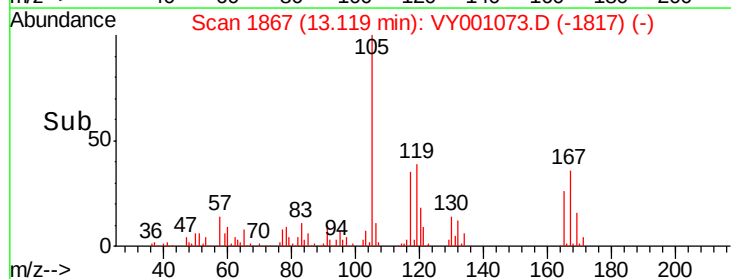
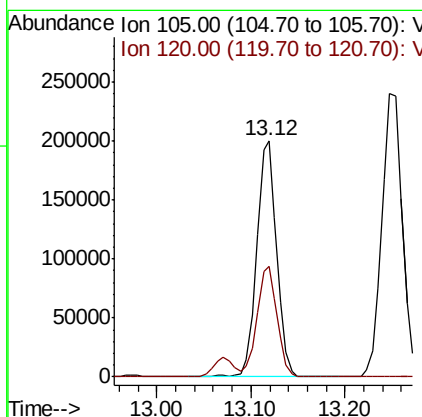
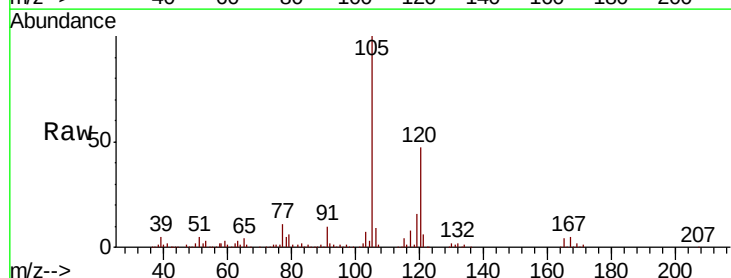
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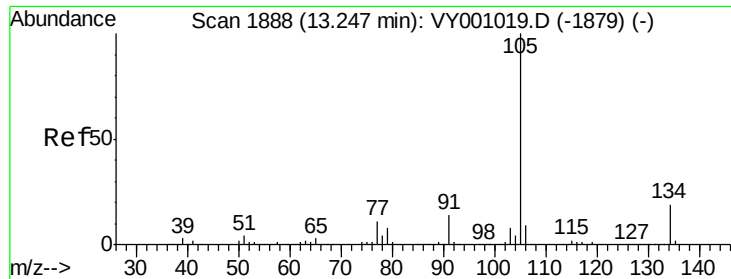
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.611 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.2





#85

sec-Butylbenzene

Concen: 49.029 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MS

Tot Ion:105 Resp: 362433

Ion Ratio Lower Upper

105 100

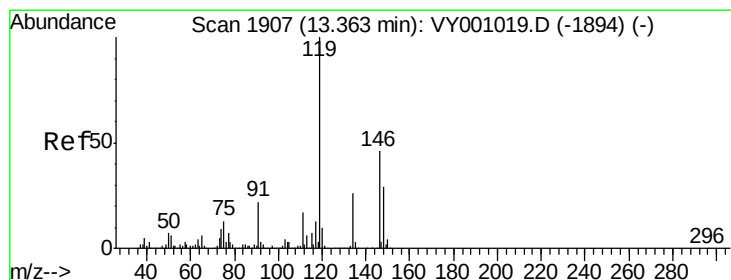
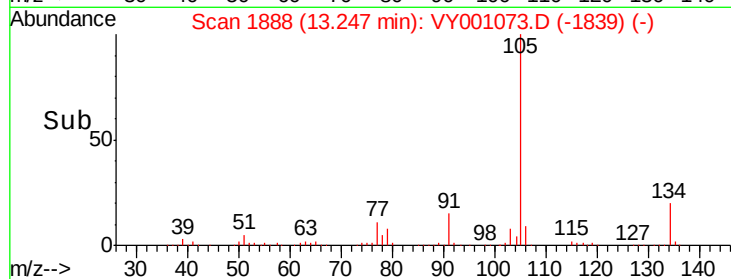
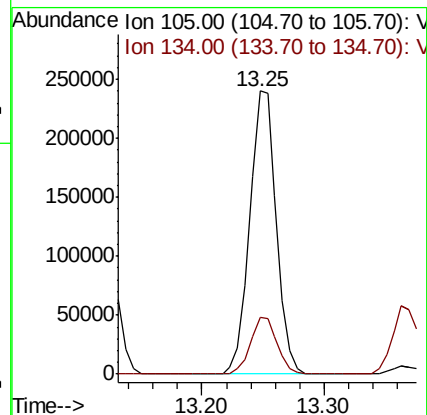
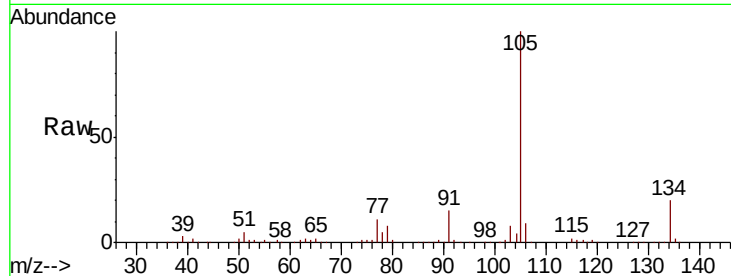
134 20.2 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 49.405 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

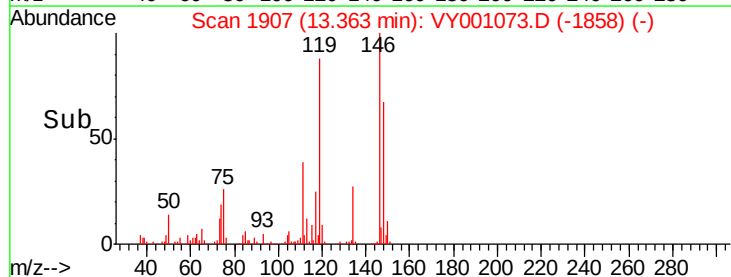
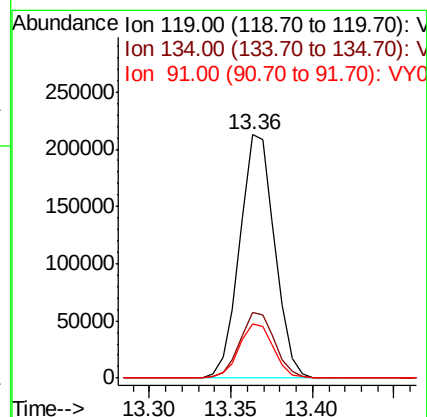
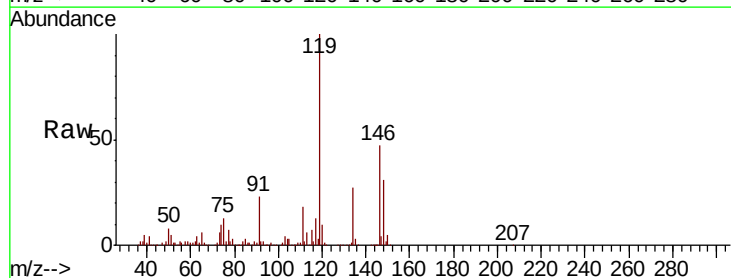
Tgt Ion:119 Resp: 316014

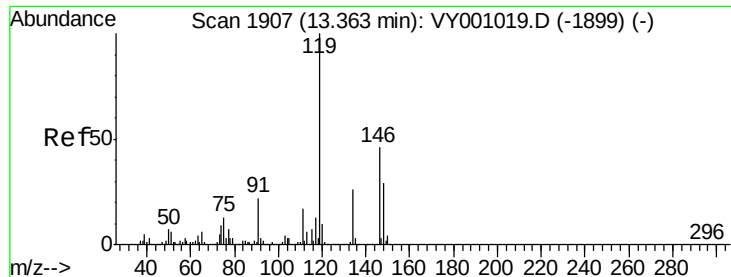
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.351 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

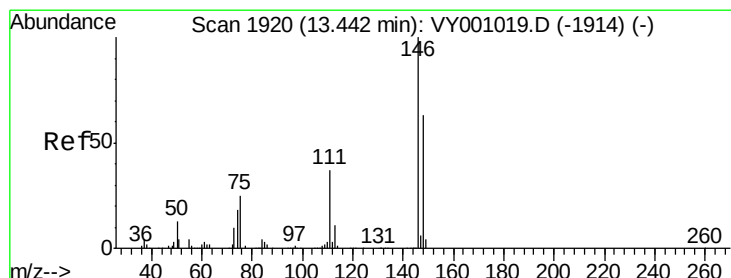
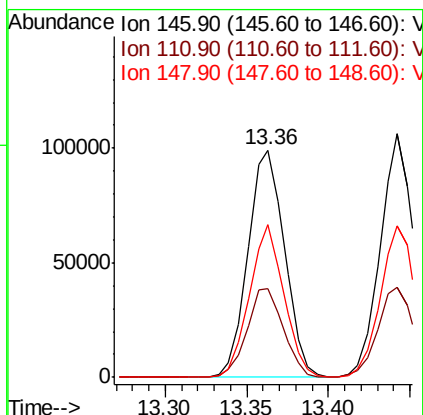
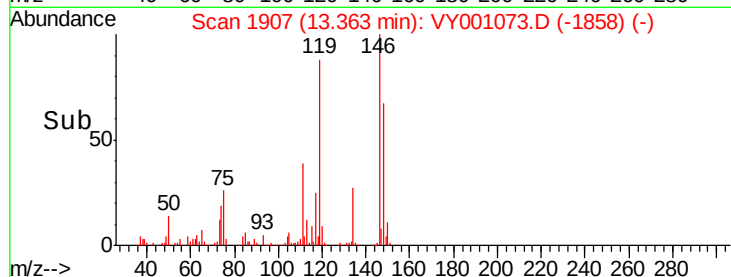
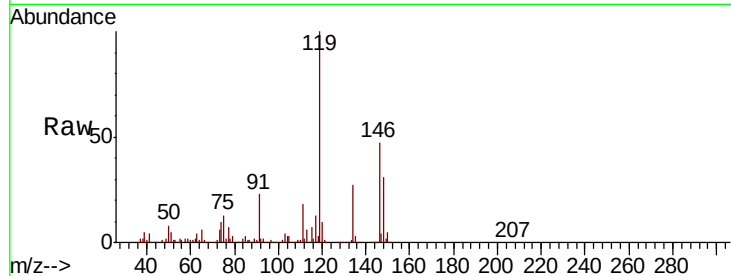
Instrument :
MSVOA_Y

ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.0	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 48.356 ug/l

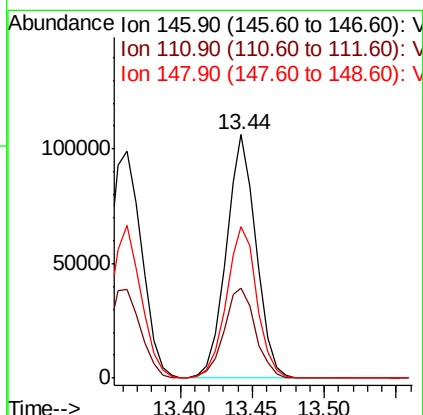
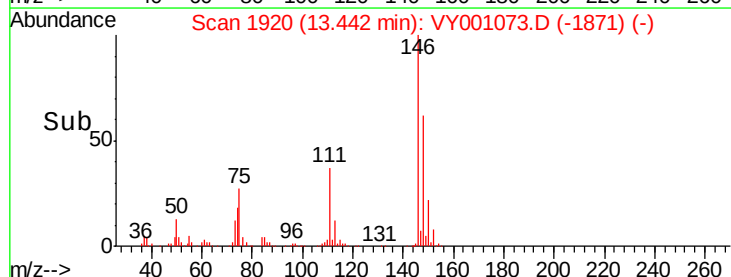
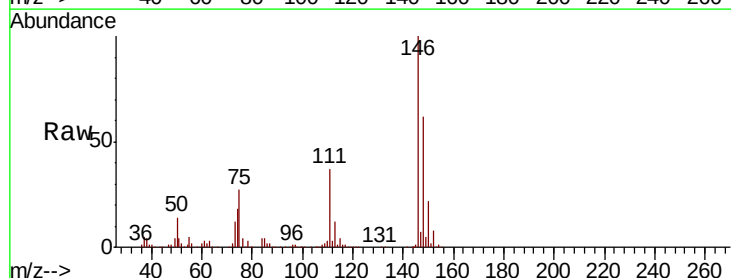
RT: 13.44 min Scan# 1920

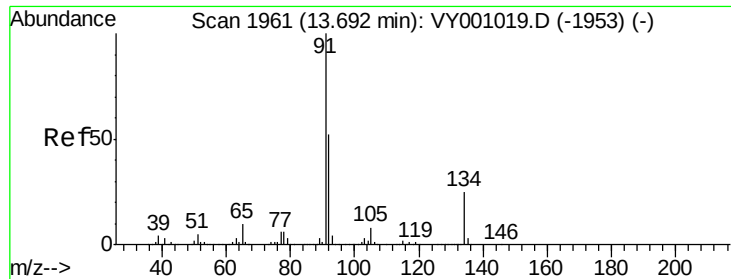
Delta R.T. 0.00 min

Lab File: VY001073.D

Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	63.6	31.8	95.3





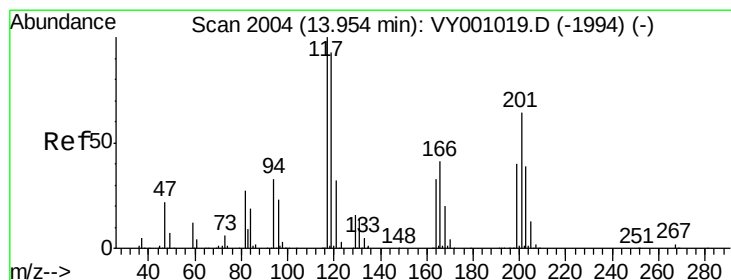
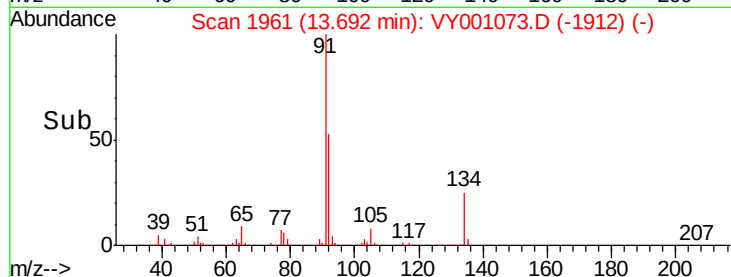
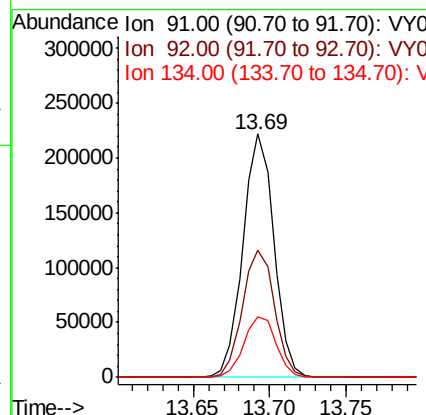
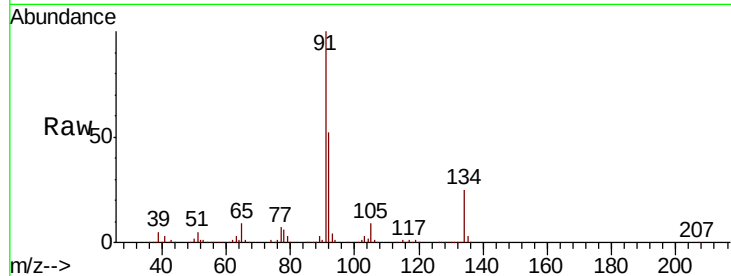
#89
n-Butylbenzene
Concen: 48.453 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.7
134	26.0	12.7	38.0

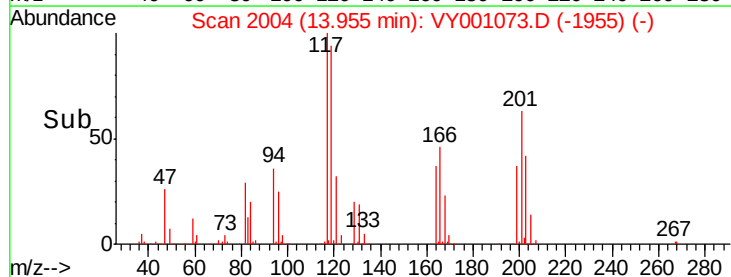
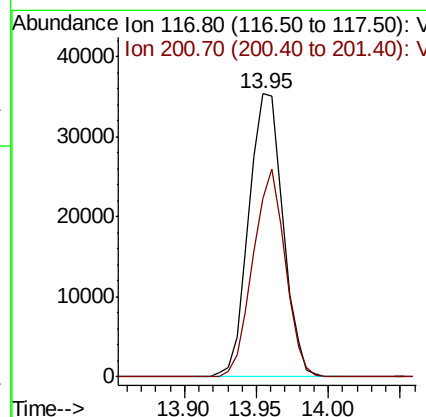
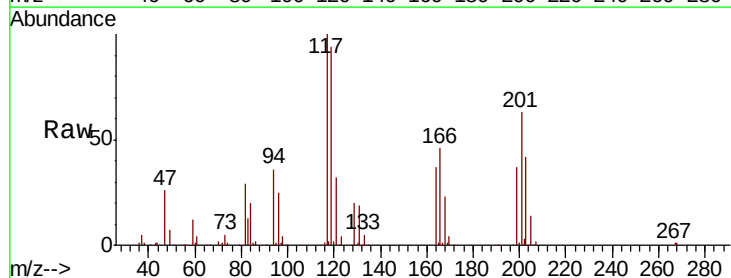
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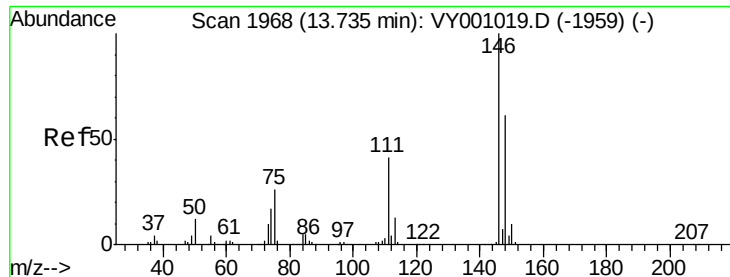
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#90
Hexachloroethane
Concen: 48.087 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	33.7	101.1





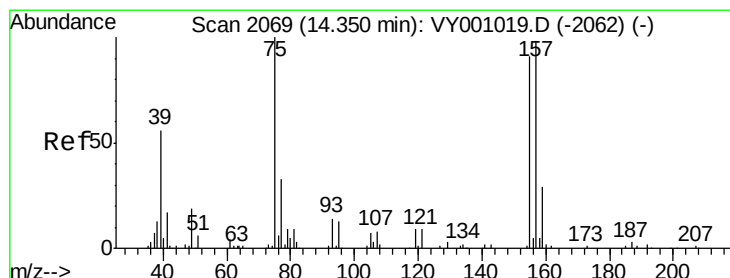
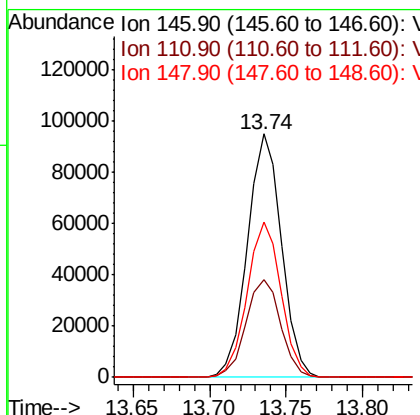
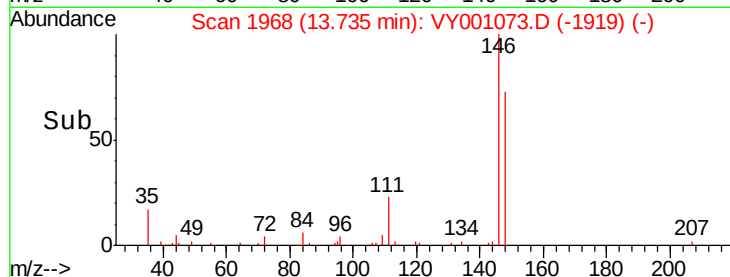
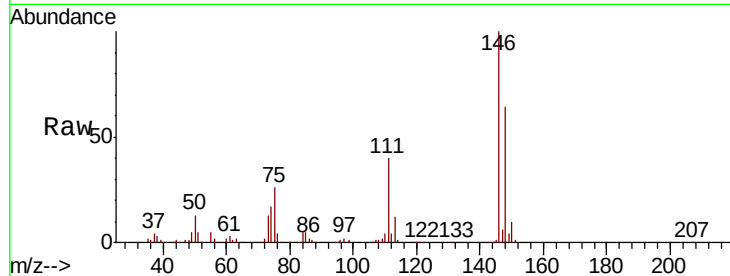
#91
 1,2-Dichlorobenzene
 Concen: 50.609 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.9
148	63.4	31.6	94.7

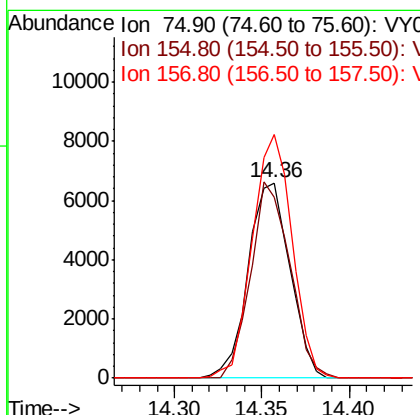
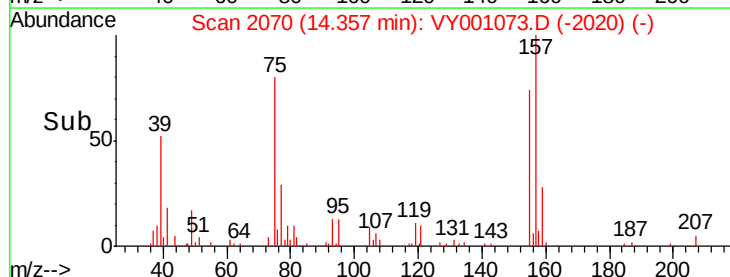
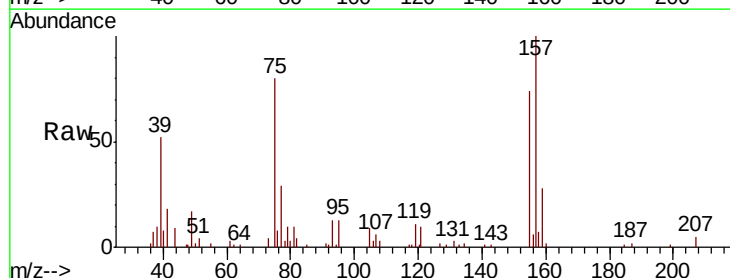
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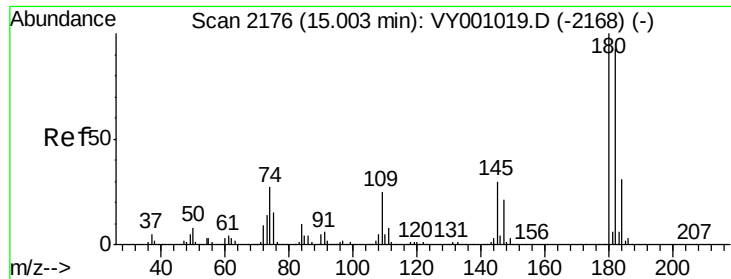
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.697 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	46.3	138.9
157	119.3	58.1	174.4





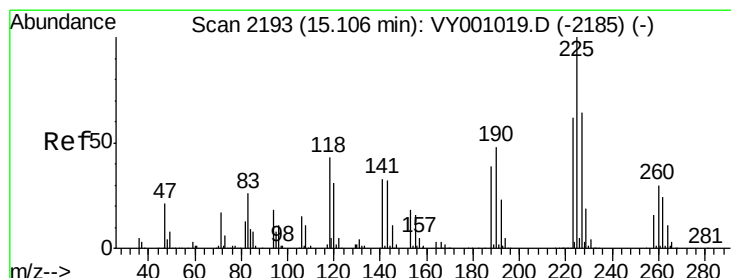
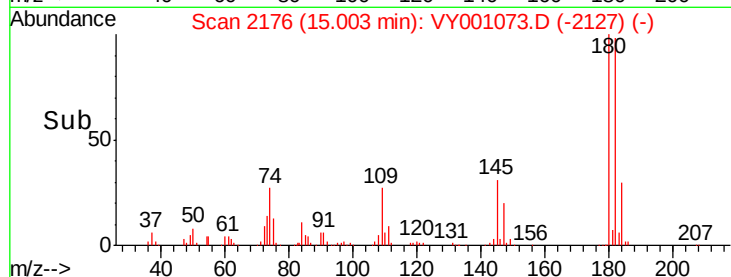
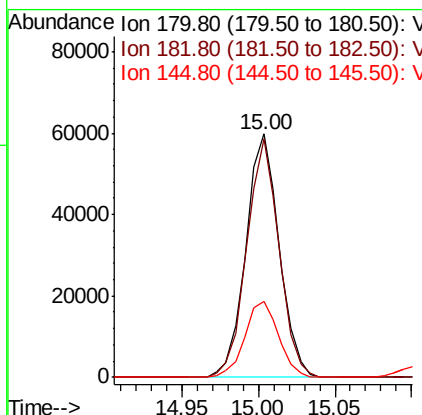
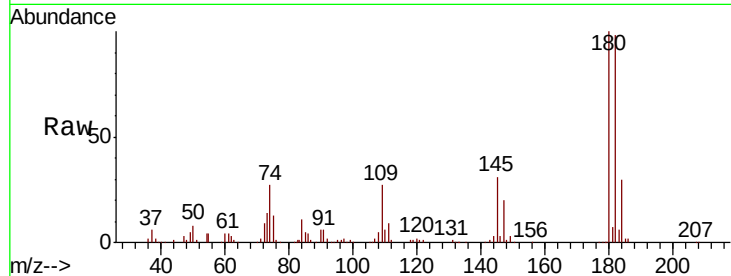
#93
 1,2,4-Trichlorobenzene
 Concen: 46.217 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	31.4	15.3	45.9

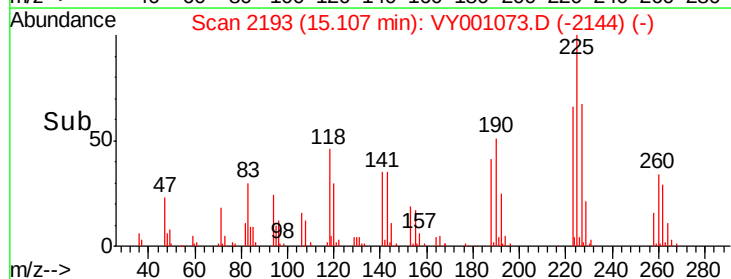
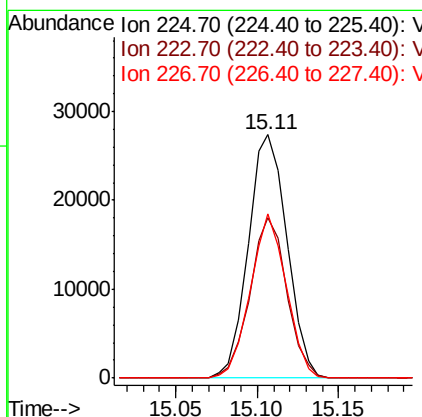
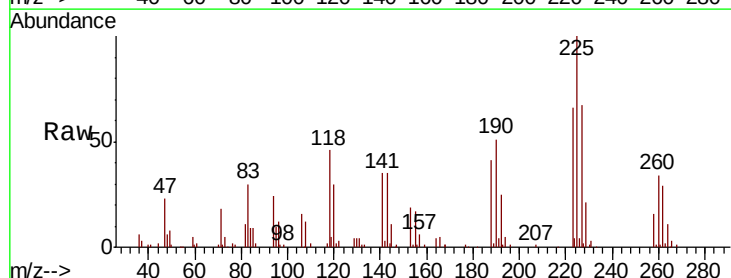
Manual Integrations
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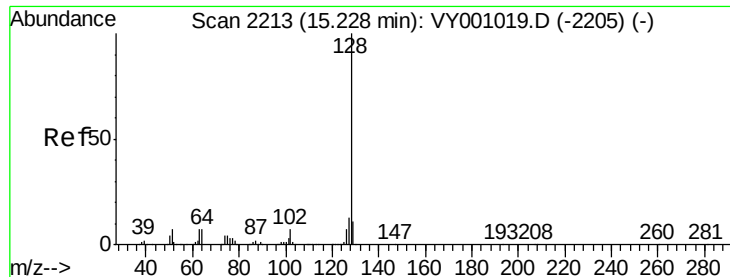
apatel
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#94
 Hexachlorobutadiene
 Concen: 48.399 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001073.D
 Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	94.8
227	62.5	31.9	95.5





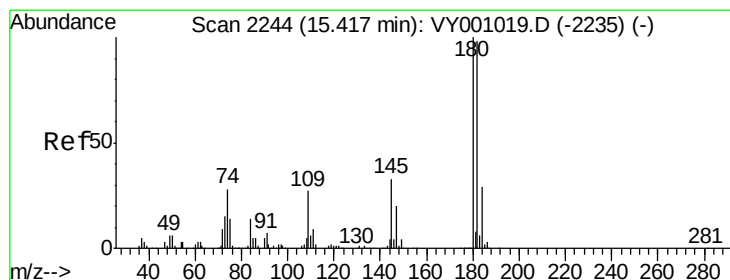
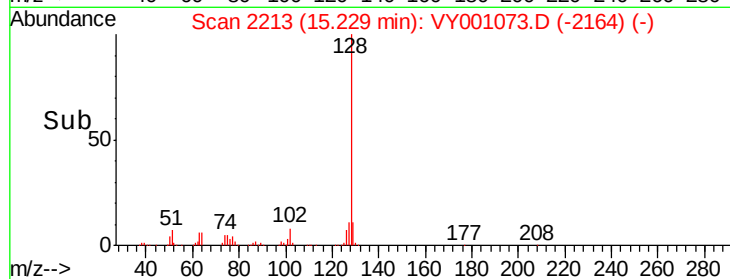
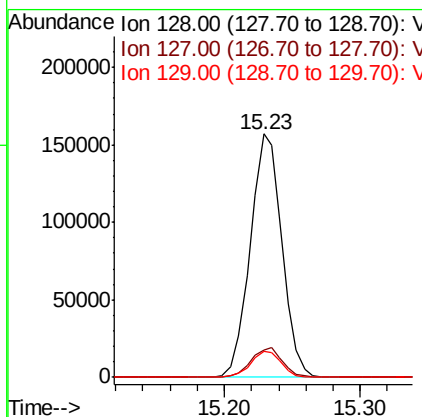
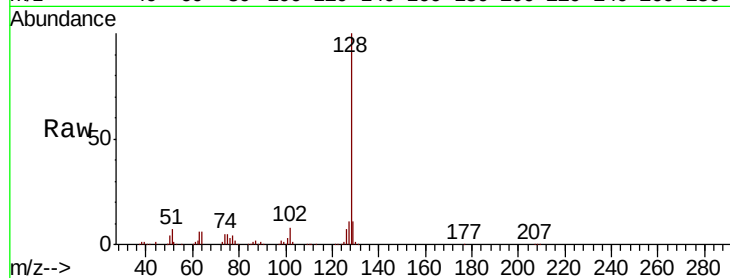
#95
Naphthalene
Concen: 55.600 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.5	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.343 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001073.D
Acq: 26 Dec 2019 15:36

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	47.9	143.8
145	33.2	16.3	48.9

