

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001134.D
 Acq On : 02 Jan 2020 14:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY010220

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:12:25 AM

Quant Time: Jan 02 23:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	373589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	624587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	151874	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.73	113	169170	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.18	98	681028	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.48	95	224843	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121480	44.156	ug/l	97
3) Chloromethane	2.12	50	105329	55.160	ug/l	97
4) Vinyl Chloride	2.26	62	109688	56.498	ug/l	93
5) Bromomethane	2.65	94	86679	61.467	ug/l	99
6) Chloroethane	2.79	64	79654	60.456	ug/l	92
7) Trichlorofluoromethane	3.13	101	253413	48.496	ug/l	100
8) Diethyl Ether	3.53	74	95238	46.856	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	162161	49.363	ug/l	98
10) Methyl Iodide	4.10	142	246085	42.798	ug/l	98
11) Tert butyl alcohol	4.96	59	64395	208.903	ug/l	97
12) 1,1-Dichloroethene	3.88	96	172646	50.933	ug/l	94
13) Acrolein	3.74	56	83213	281.360	ug/l	98
14) Allyl chloride	4.49	41	184846	44.783	ug/l	99
15) Acrylonitrile	5.17	53	193594	212.423	ug/l	98
16) Acetone	3.96	43	138760	236.455	ug/l	94
17) Carbon Disulfide	4.20	76	524777	45.792	ug/l	99
18) Methyl Acetate	4.49	43	86464	42.499	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	385954	45.676	ug/l	98
20) Methylene Chloride	4.72	84	181609	44.363	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	181147	46.542	ug/l	97
22) Diisopropyl ether	6.13	45	367402	47.884	ug/l	97
23) Vinyl Acetate	6.07	43	1164911	221.756	ug/l	100
24) 1,1-Dichloroethane	6.02	63	257942	48.633	ug/l	97
25) 2-Butanone	6.99	43	206538	210.839	ug/l	100
26) 2,2-Dichloropropane	6.99	77	238307	41.646	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	196372	42.945	ug/l	99
28) Bromochloromethane	7.34	49	110428	55.547	ug/l	98
29) Tetrahydrofuran	7.35	42	133063	201.981	ug/l	98
30) Chloroform	7.52	83	269039	41.556	ug/l	97
31) Cyclohexane	7.79	56	247281	40.209	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	245640	40.644	ug/l	99
36) 1,1-Dichloropropene	7.92	75	224334	41.169	ug/l	99
37) Ethyl Acetate	7.08	43	90804	40.061	ug/l	98
38) Carbon Tetrachloride	7.91	117	225107	39.758	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	311855	41.308	ug/l	97
40) Benzene	8.17	78	678444	40.440	ug/l	98
41) Methacrylonitrile	7.32	41	46114m	42.223	ug/l	
42) 1,2-Dichloroethane	8.24	62	158631	39.729	ug/l	99
43) Isopropyl Acetate	8.28	43	173315	38.916	ug/l	99
44) Trichloroethene	8.94	130	201351	40.113	ug/l	98
45) 1,2-Dichloropropane	9.22	63	148611	39.884	ug/l	100
46) Dibromomethane	9.31	93	89467	40.765	ug/l	96
47) Bromodichloromethane	9.50	83	202974	41.106	ug/l	99
48) Methyl methacrylate	9.30	41	73852	38.927	ug/l	99
49) 1,4-Dioxane	9.30	88	24950	755.819	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	441878	210.395	ug/l	99
52) Toluene	10.24	92	425717	41.666	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	215456	41.771	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	257542	42.503	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	129476	40.811	ug/l	97
56) Ethyl methacrylate	10.51	69	171013	42.058	ug/l	99
57) 1,3-Dichloropropane	10.79	76	215881	43.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	349865	240.082	ug/l	97
59) 2-Hexanone	10.83	43	316186	222.833	ug/l	98
60) Dibromochloromethane	10.99	129	156424	43.058	ug/l	97
61) 1,2-Dibromoethane	11.09	107	128736	41.732	ug/l	100
64) Tetrachloroethene	10.72	164	206701	41.558	ug/l	97
65) Chlorobenzene	11.52	112	460153	40.817	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	157613	39.671	ug/l	97
67) Ethyl Benzene	11.59	91	803081	40.884	ug/l	99
68) m/p-Xylenes	11.70	106	624208	80.371	ug/l	99
69) o-Xylene	12.03	106	294388	39.924	ug/l	100
70) Styrene	12.05	104	496831	39.808	ug/l	100
71) Bromoform	12.20	173	91449	39.094	ug/l #	99
73) Isopropylbenzene	12.33	105	773388	42.177	ug/l	99
74) N-amyl acetate	12.14	43	150857	43.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135156	41.704	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	103299m	40.160	ug/l	
77) Bromobenzene	12.61	156	184934	41.715	ug/l	97
78) n-propylbenzene	12.67	91	908665	41.911	ug/l	99
79) 2-Chlorotoluene	12.75	91	500467	41.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	646450	41.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51284	41.331	ug/l	94
82) 4-Chlorotoluene	12.86	91	518525	42.042	ug/l	100
83) tert-Butylbenzene	13.08	119	544519	41.195	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	637338	41.035	ug/l	98
85) sec-Butylbenzene	13.25	105	768702	41.524	ug/l	98
86) p-Isopropyltoluene	13.37	119	689325	41.348	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	339792	40.950	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	338402	40.508	ug/l	99
89) n-Butylbenzene	13.70	91	652441	41.696	ug/l	99
90) Hexachloroethane	13.96	117	129182	41.834	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	310340	40.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22290	38.990	ug/l	97

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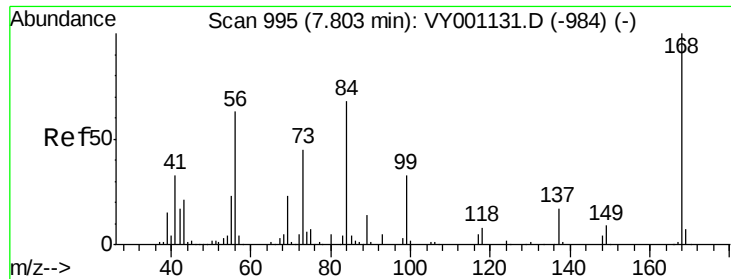
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	216956	41.390	ug/l	97
94) Hexachlorobutadiene	15.11	225	108425	40.842	ug/l	98
95) Naphthalene	15.23	128	480989	40.210	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190322	40.575	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY010220

Tot Ion:168 Resp: 373589

Ion Ratio Lower Upper

168 100

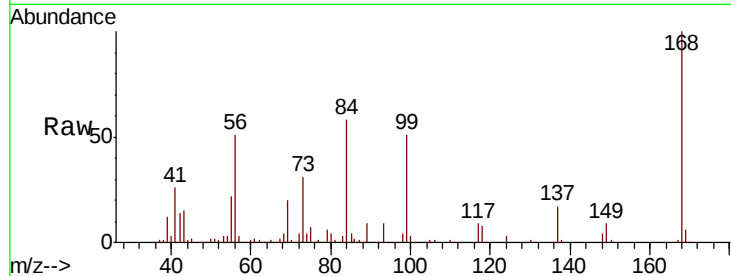
99 51.4 42.5 63.7

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Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)

7.80

150000

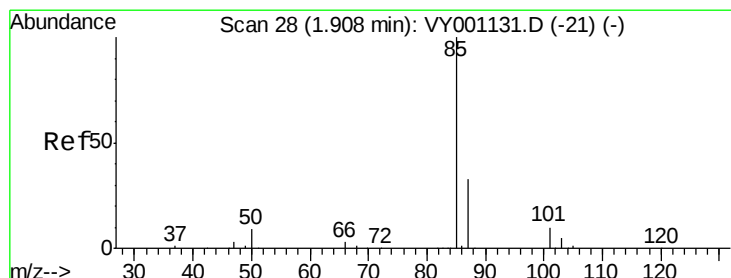
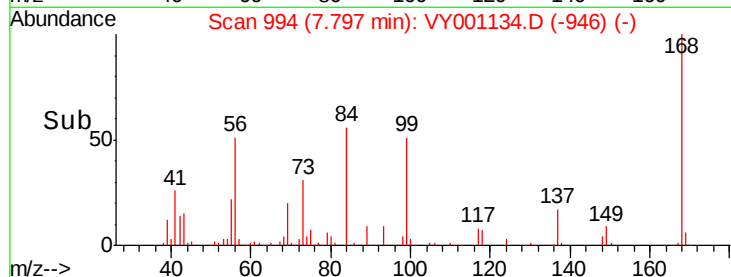
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.156 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001134.D

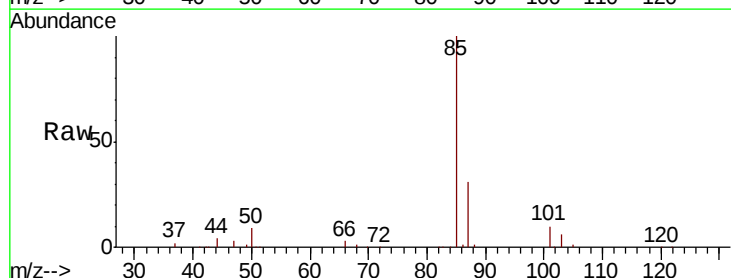
Acq: 02 Jan 2020 14:47

Tgt Ion: 85 Resp: 121480

Ion Ratio Lower Upper

85 100

87 31.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001131.D (-21) (-)

1.90

80000

60000

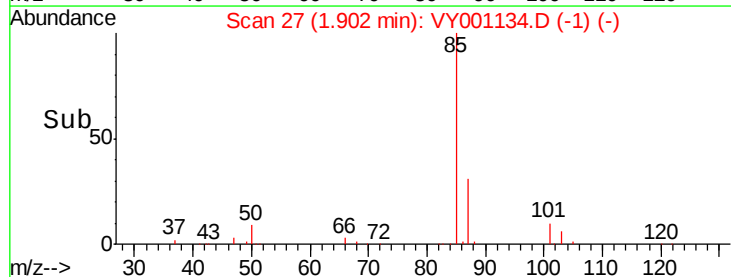
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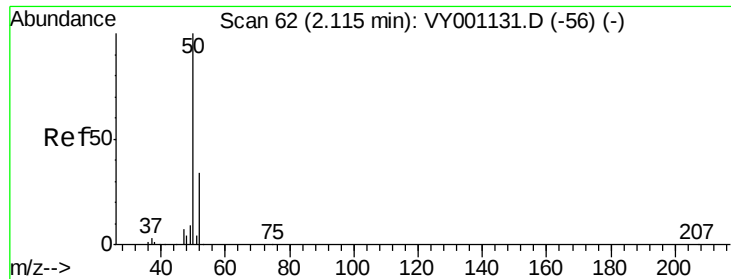
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 55.160 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 50 Resp: 105329

Ion Ratio Lower Upper

50 100

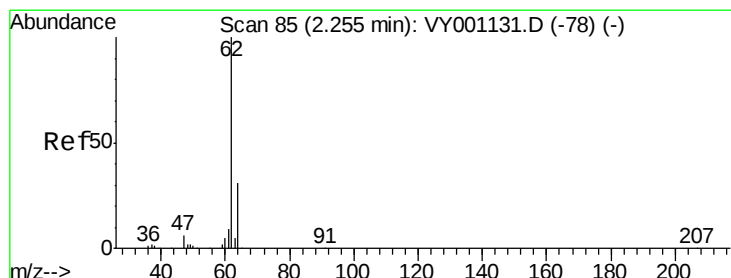
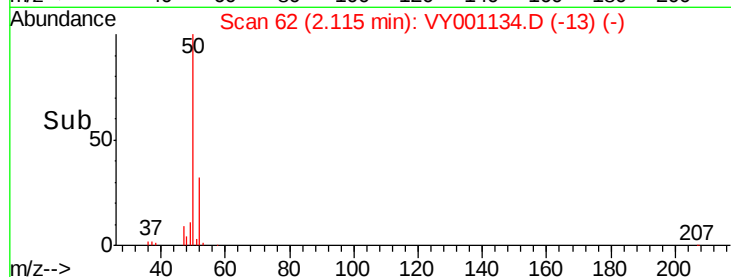
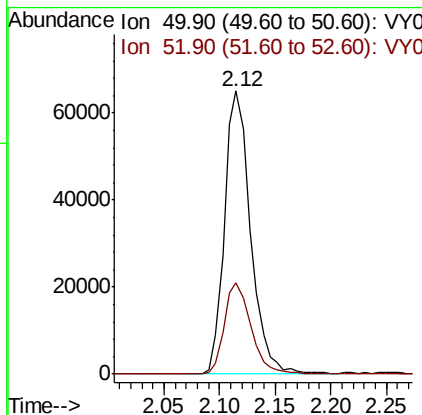
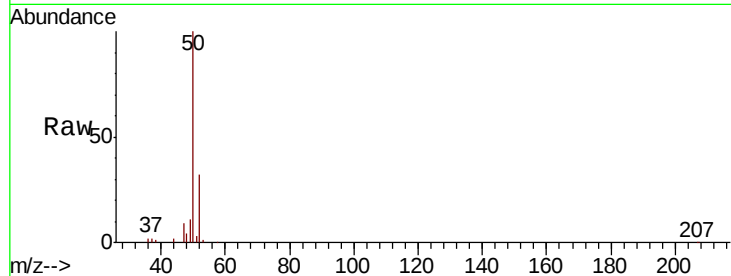
52 32.4 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.498 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY001134.D

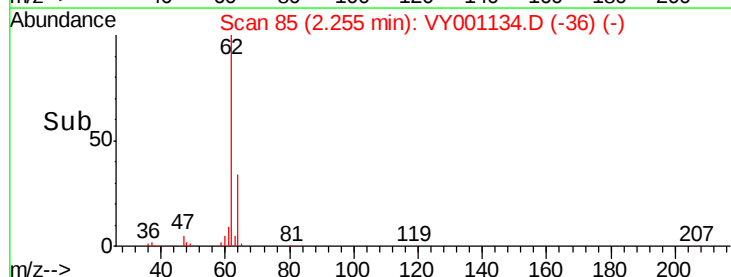
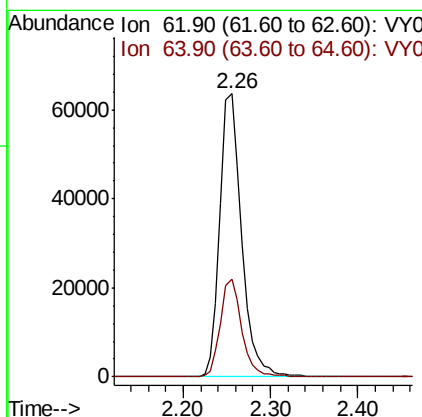
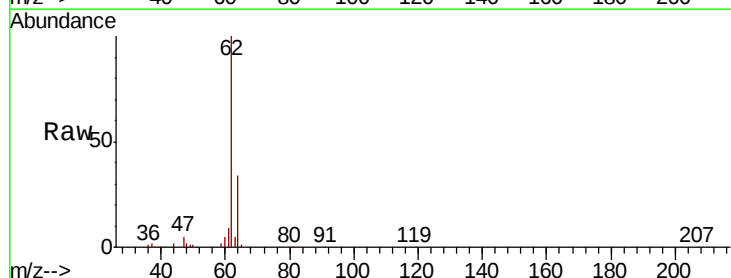
Acq: 02 Jan 2020 14:47

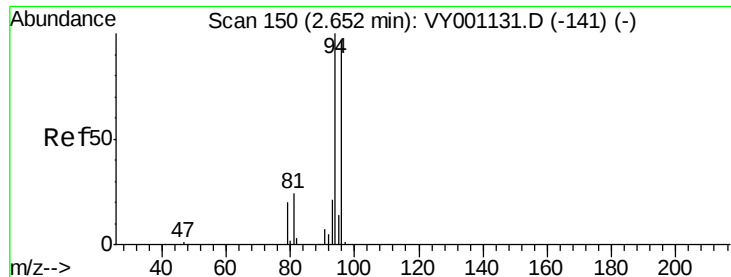
Tgt Ion: 62 Resp: 109688

Ion Ratio Lower Upper

62 100

64 34.4 24.4 36.6





#5

Bromomethane

Concen: 61.467 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY010220

Tot Ion: 94 Resp: 86679

Ion Ratio Lower Upper

94 100

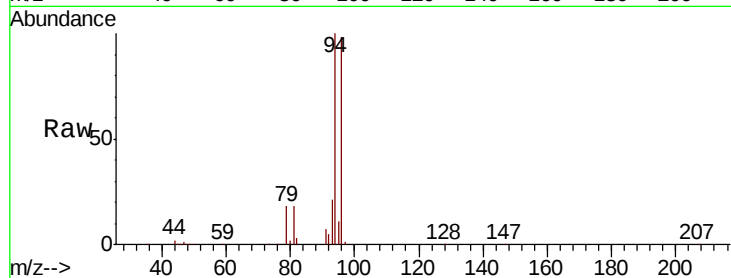
96 97.8 77.3 115.9

Manual Integrations

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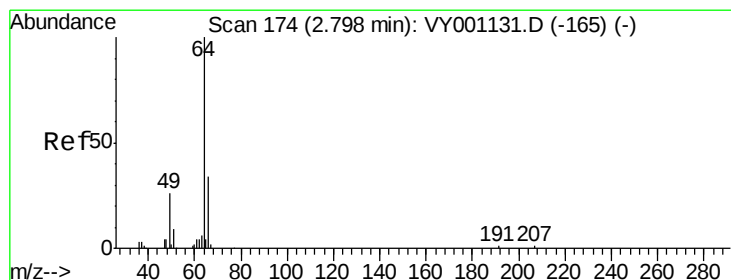
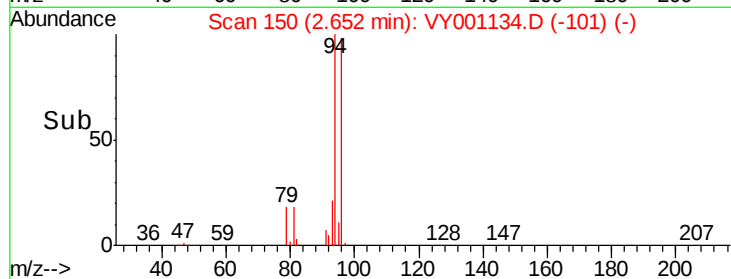
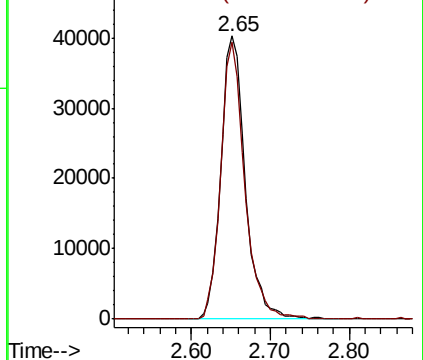
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 60.456 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001134.D

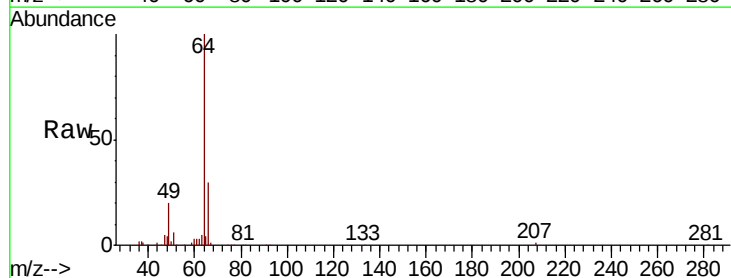
Acq: 02 Jan 2020 14:47

Tgt Ion: 64 Resp: 79654

Ion Ratio Lower Upper

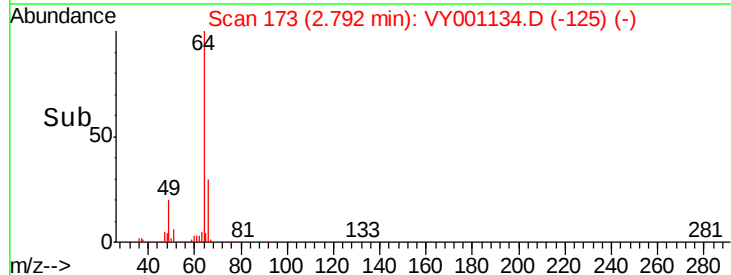
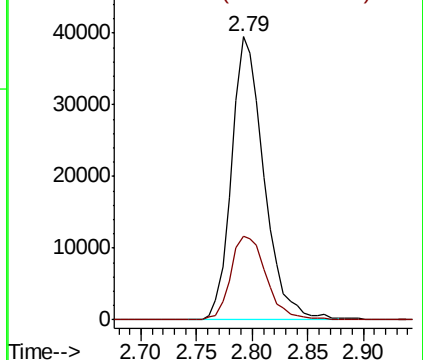
64 100

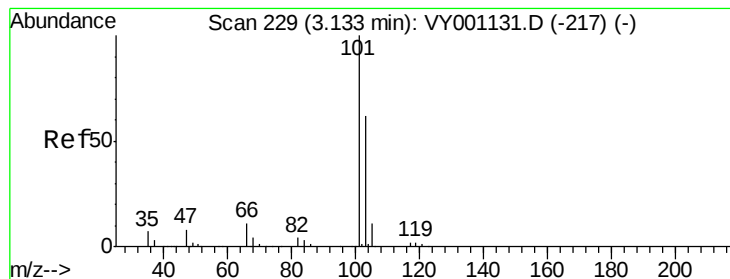
66 29.7 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

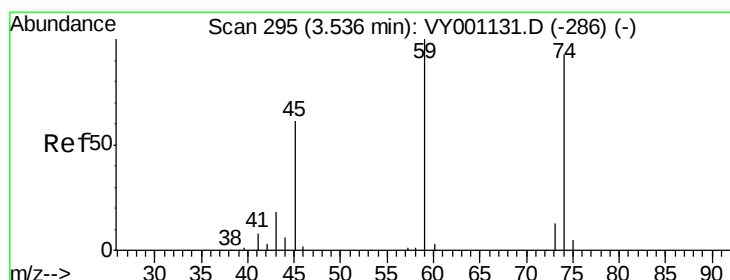
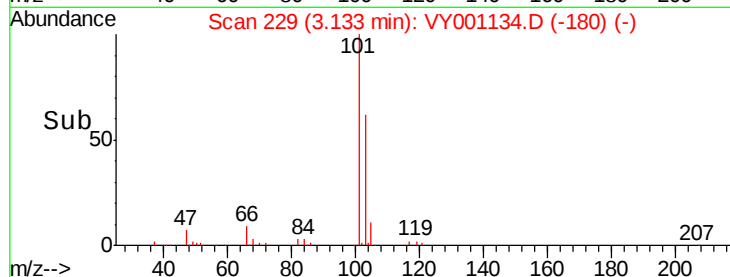
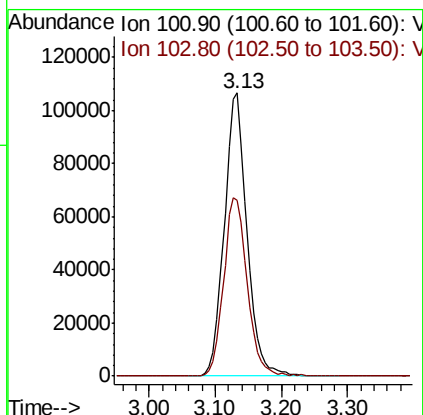
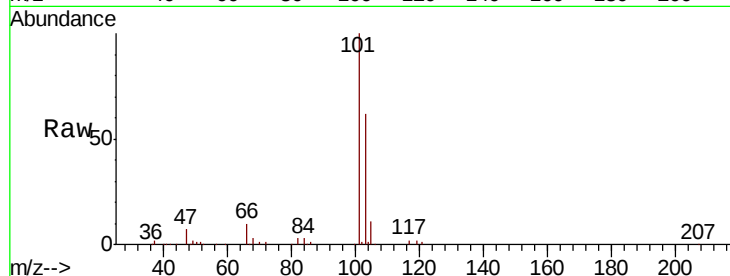
Trichlorofluoromethane
Concen: 48.496 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	49.7	74.5

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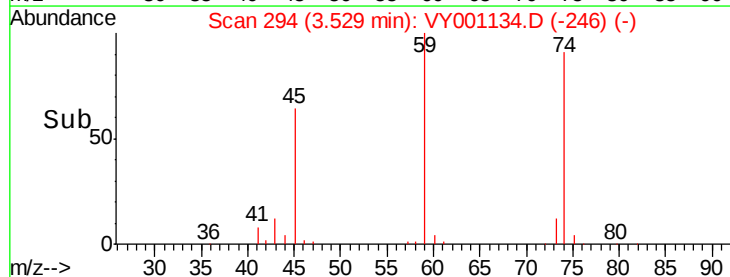
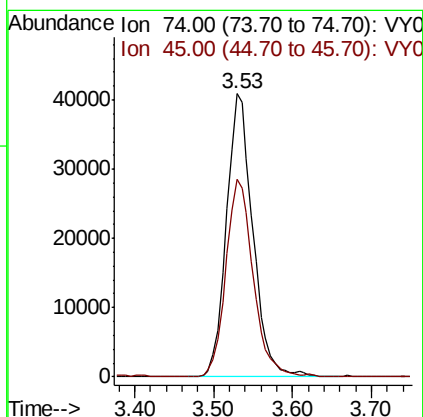
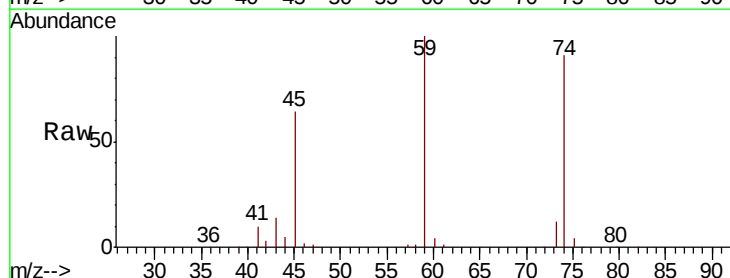
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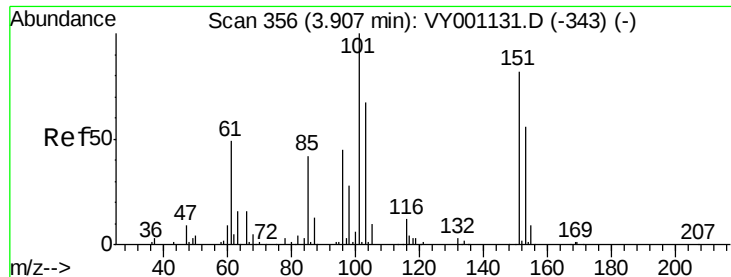


#8

Diethyl Ether
Concen: 46.856 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.6	33.2	99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.363 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

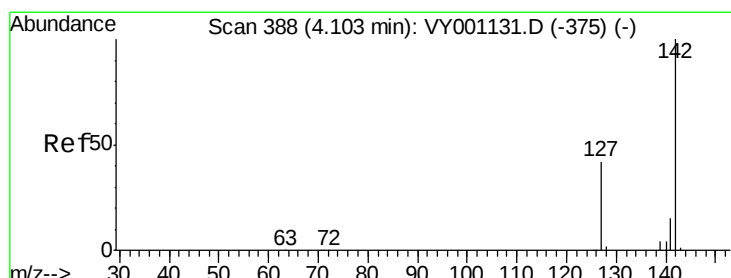
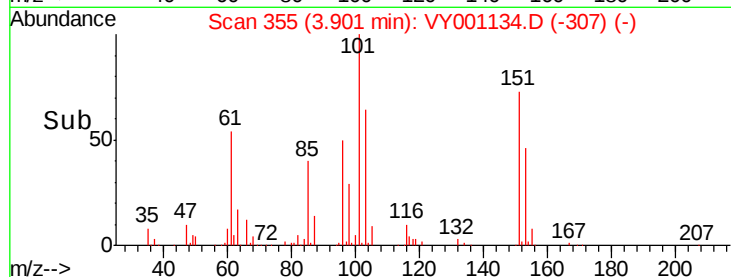
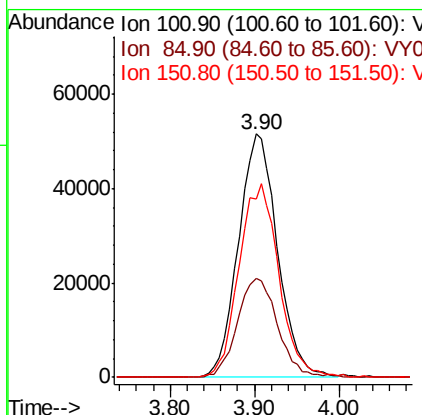
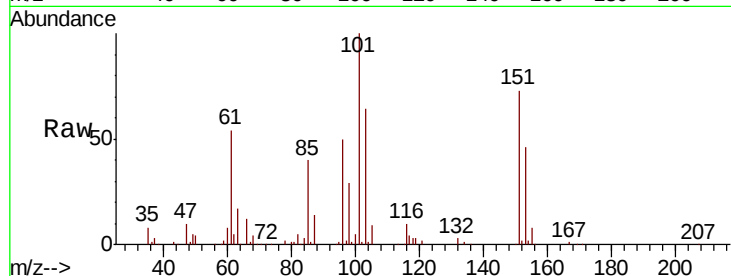
ClientSampleId :

ICVVY010220

Tot Ion:	101	Resp:	162161
Ion Ratio	Lower	Upper	
101	100		
85	41.5	32.8	49.2
151	81.4	67.4	101.0

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#10

Methyl Iodide

Concen: 42.798 ug/l

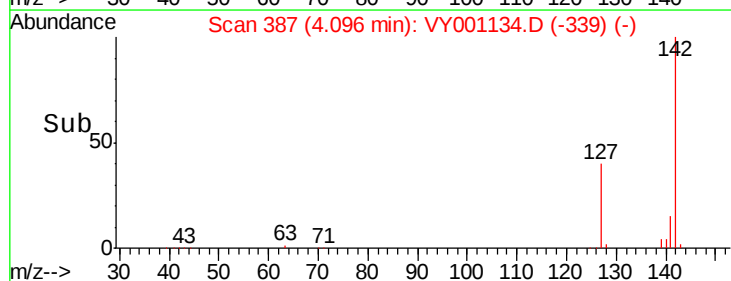
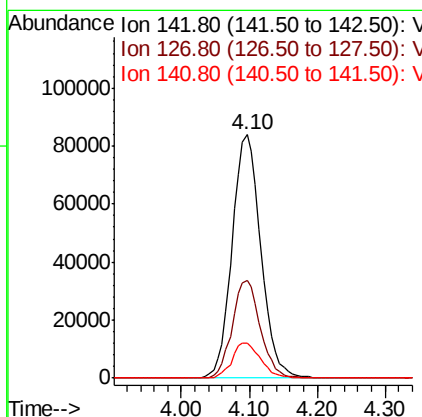
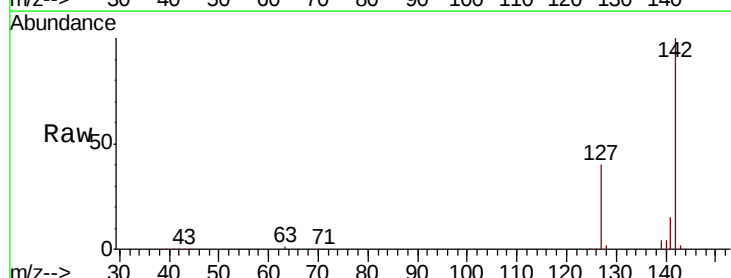
RT: 4.10 min Scan# 387

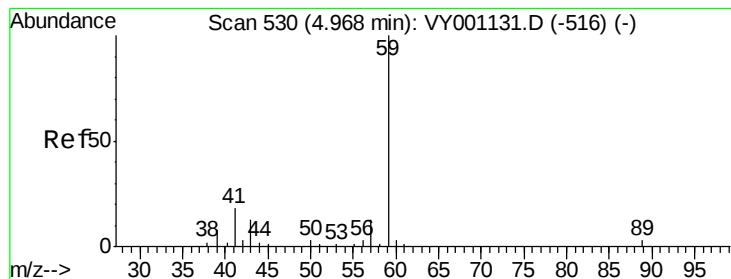
Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	142	Resp:	246085
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.2	48.4
141	14.5	11.1	16.7





#11

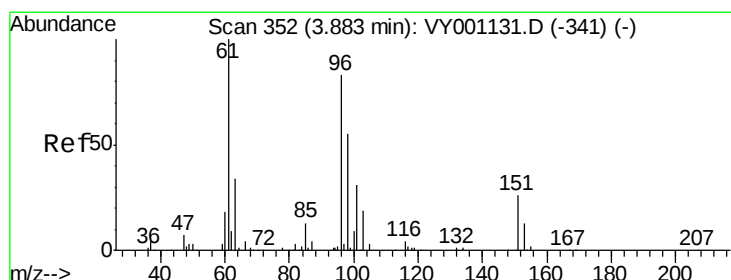
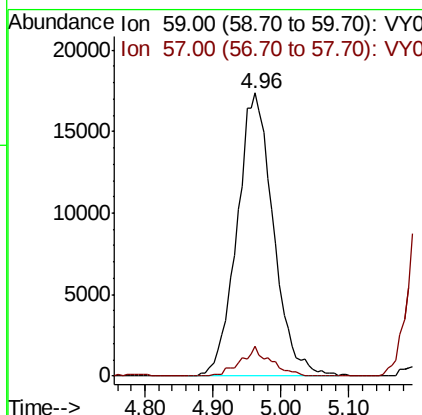
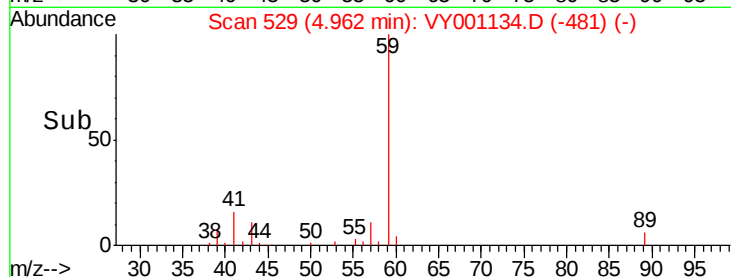
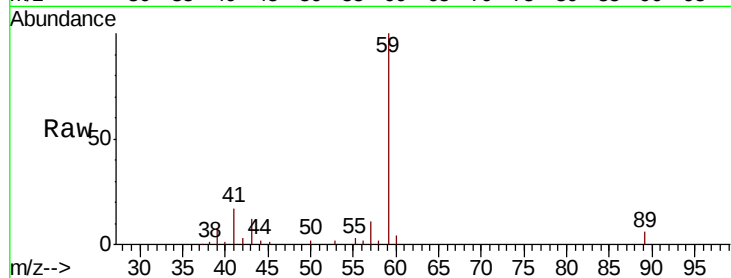
Tert butyl alcohol
 Concen: 208.903 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010220

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.7	7.8	11.6

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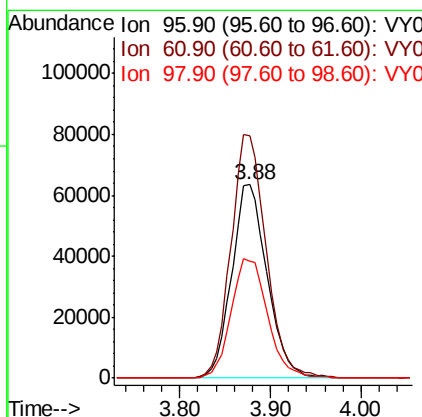
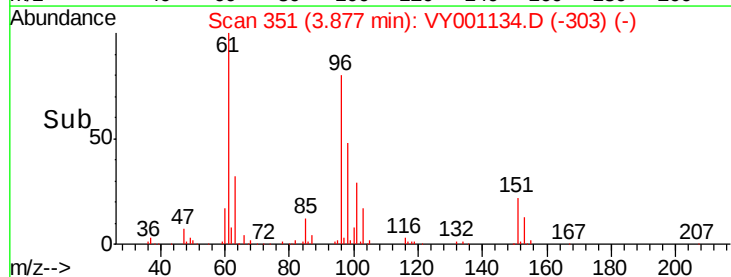
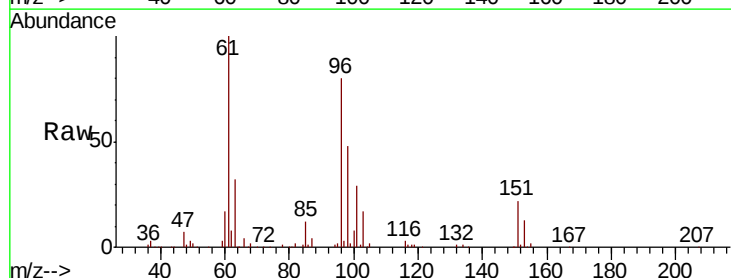
apatel
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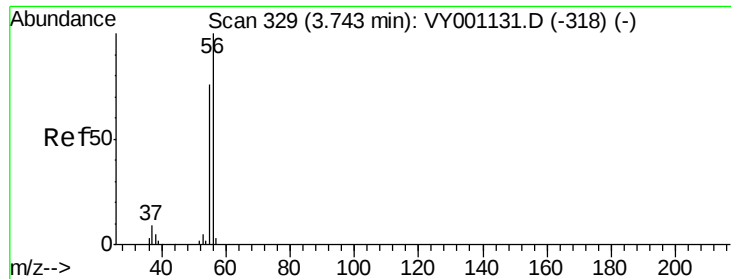


#12

1,1-Dichloroethene
 Concen: 50.933 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.6	96.2	144.4
98	60.6	52.8	79.2





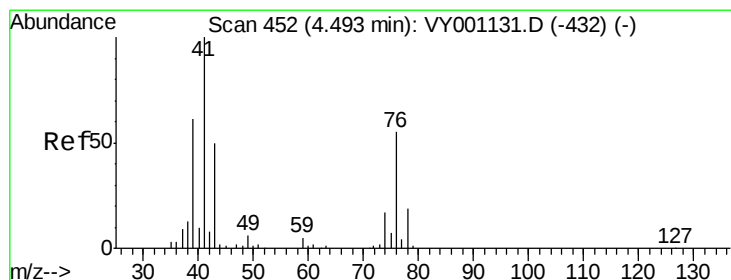
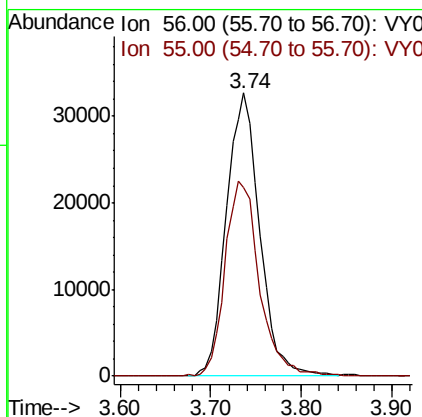
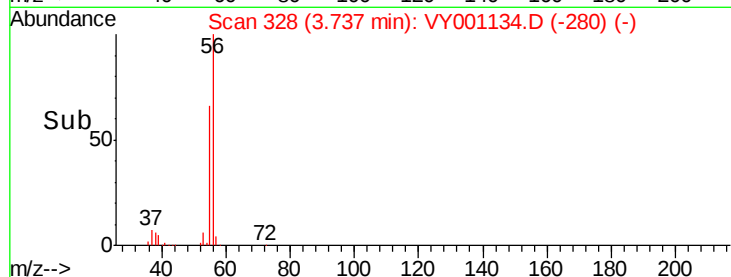
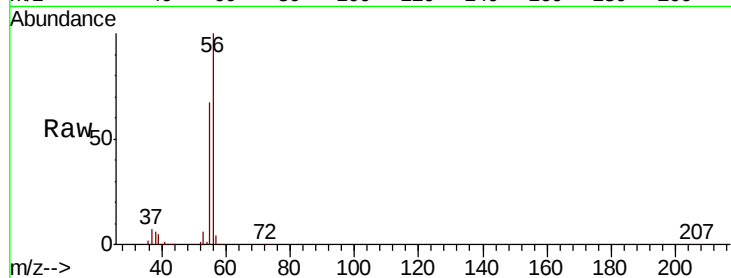
#13
Acrolein
Concen: 281.360 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	56	Resp	83213
Ion Ratio	100	Lower	Upper
55	71.2	55.7	83.5

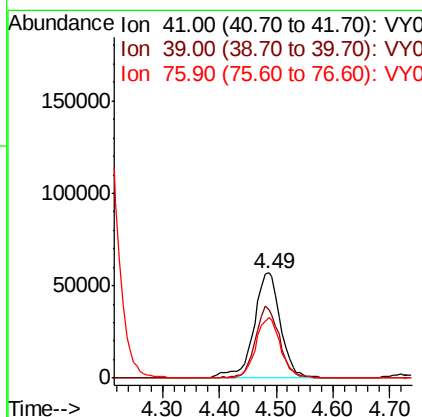
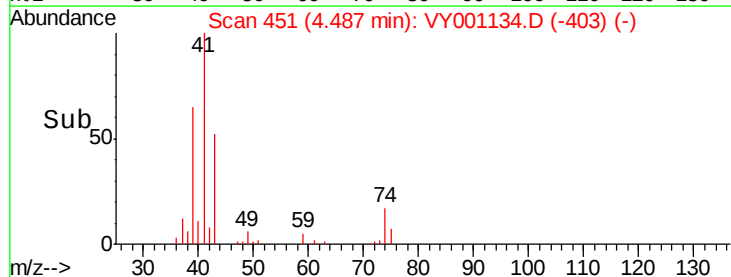
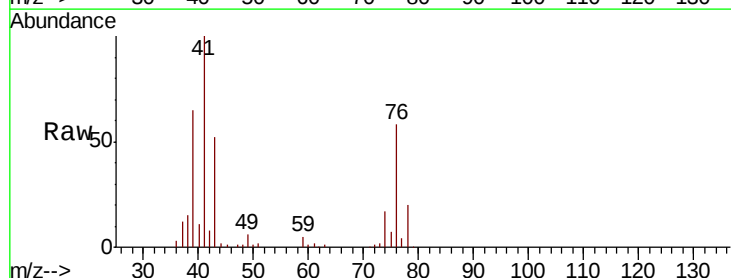
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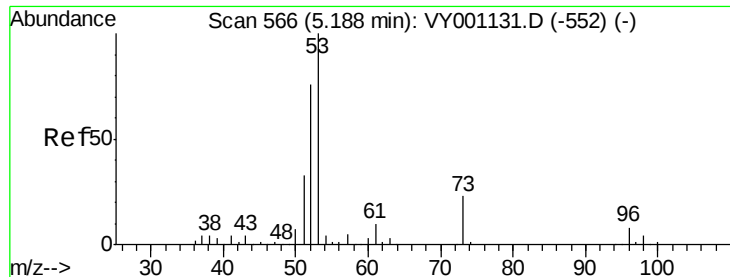
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#14
Allyl chloride
Concen: 44.783 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	41	Resp	184846
Ion Ratio	100	Lower	Upper
39	62.2	50.1	75.1
76	53.5	42.1	63.1





#15

Acrylonitrile

Concen: 212.423 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

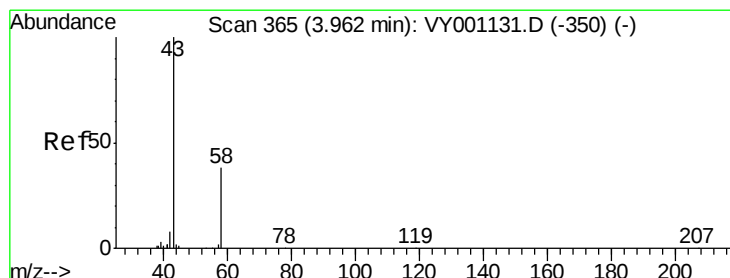
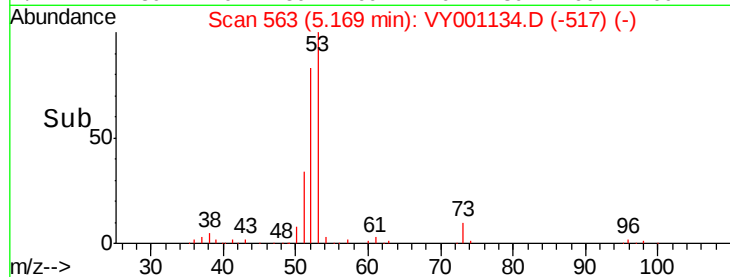
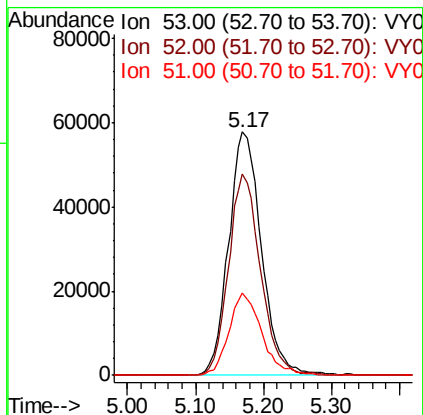
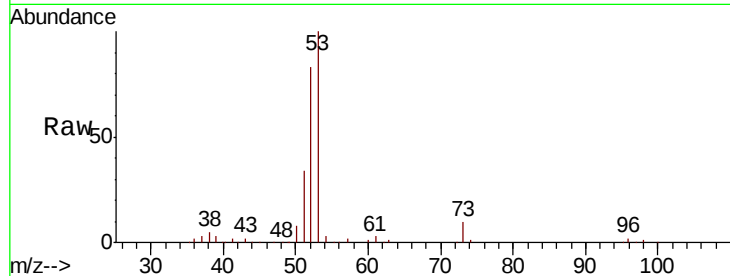
ClientSampleId :

ICVY010220

Tot Ion:	53	Resp:	193594
Ion	Ratio	Lower	Upper
53	100		
52	80.1	63.0	94.4
51	33.9	26.1	39.1

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#16

Acetone

Concen: 236.455 ug/l

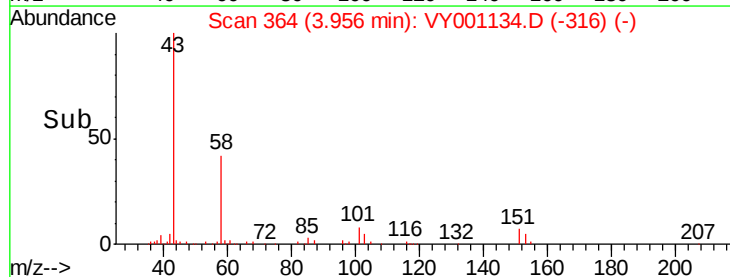
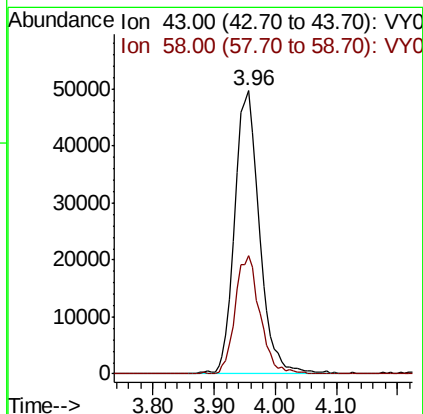
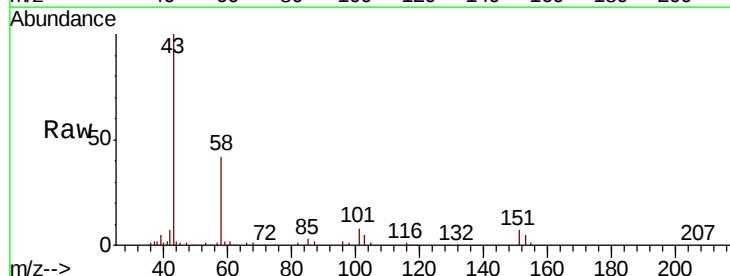
RT: 3.96 min Scan# 364

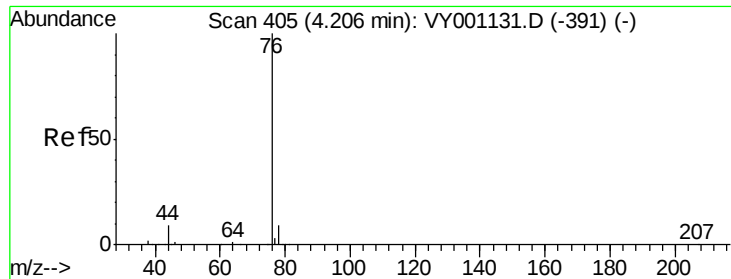
Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	43	Resp:	138760
Ion	Ratio	Lower	Upper
43	100		
58	41.8	30.6	46.0





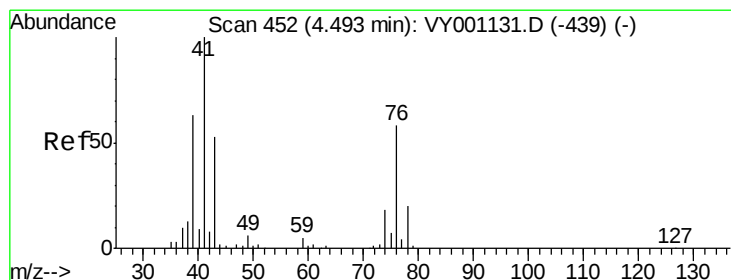
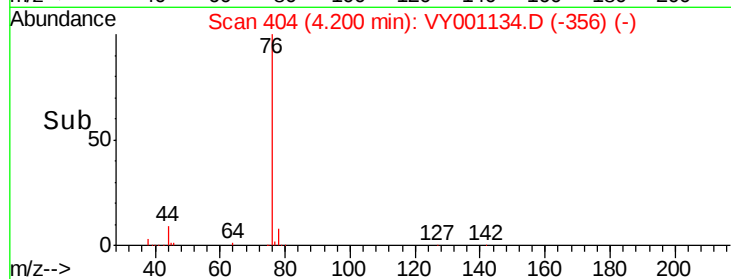
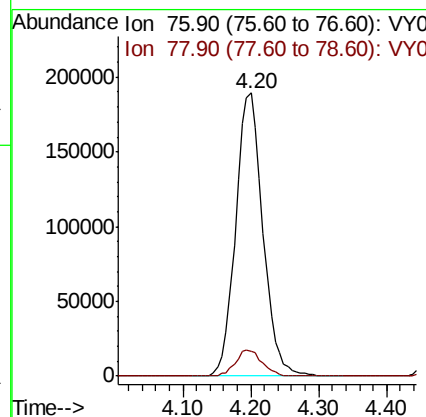
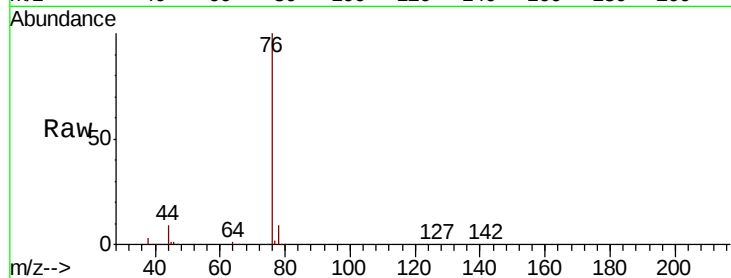
#17
Carbon Disulfide
Concen: 45.792 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion: 76 Resp: 524777
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

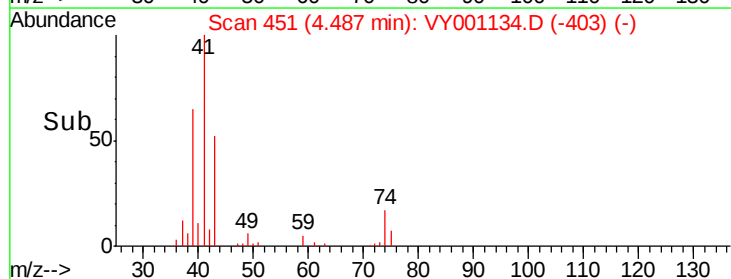
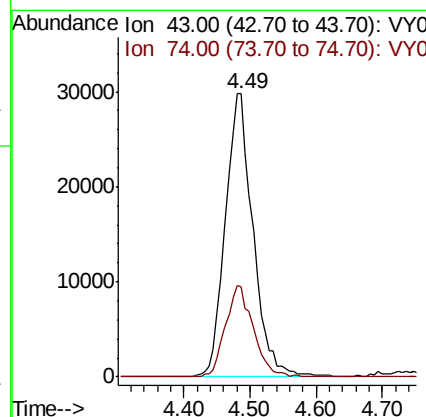
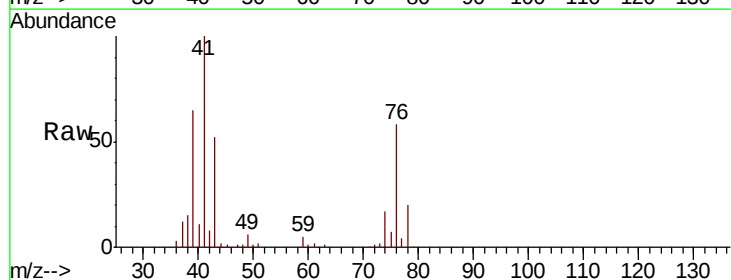
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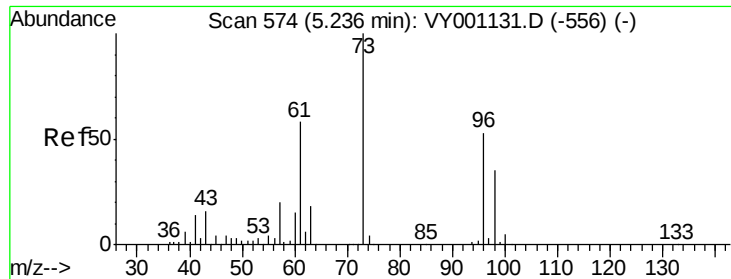
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#18
Methyl Acetate
Concen: 42.499 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion: 43 Resp: 86464
Ion Ratio Lower Upper
43 100
74 32.3 27.3 40.9





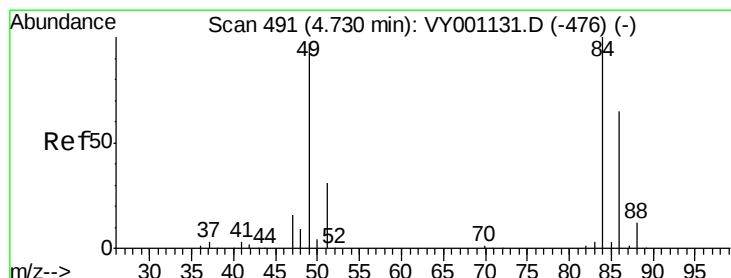
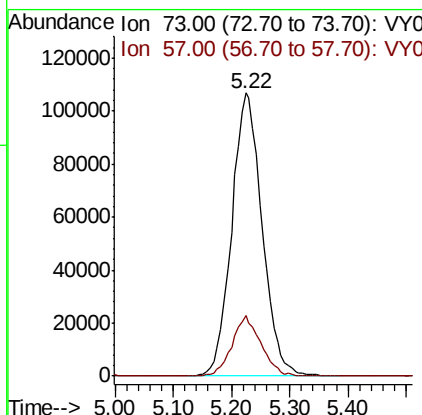
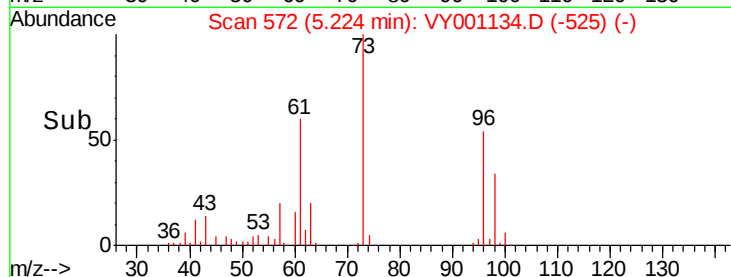
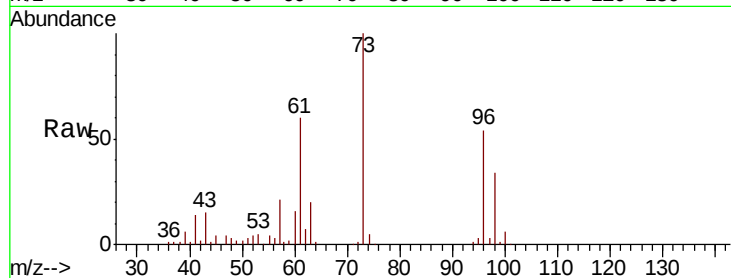
#19
Methyl tert-butyl Ether
Concen: 45.676 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion: 73 Resp: 385954
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5

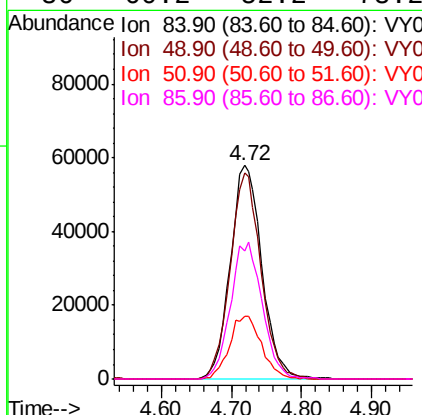
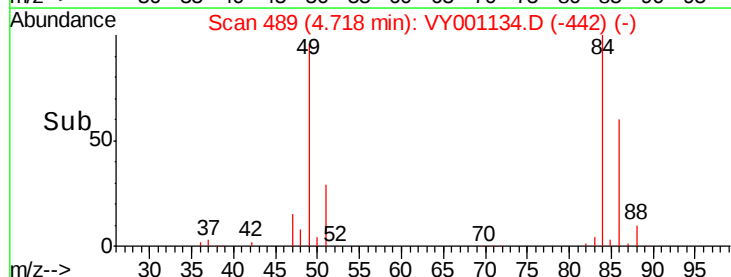
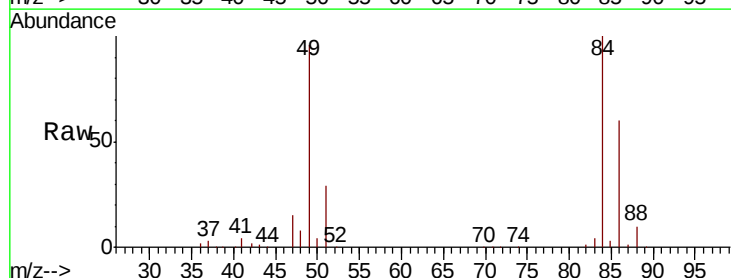
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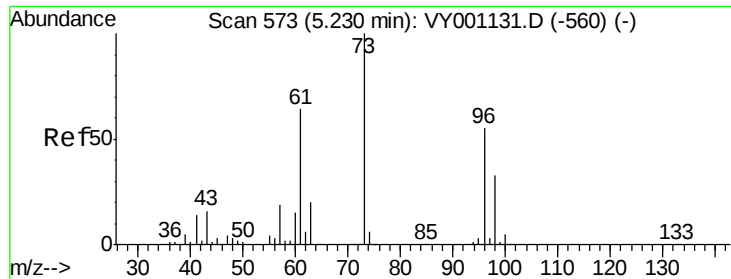
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#20
Methylene Chloride
Concen: 44.363 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion: 84 Resp: 181609
Ion Ratio Lower Upper
84 100
49 96.3 77.5 116.3
51 29.4 24.7 37.1
86 60.2 52.2 78.2





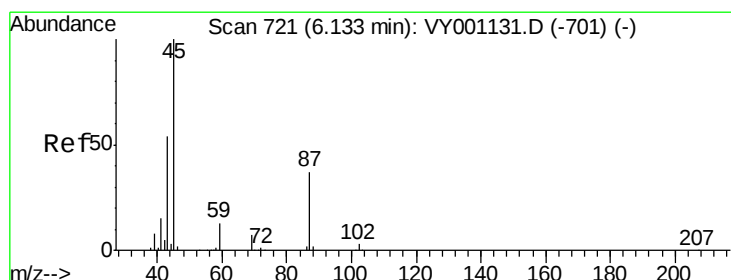
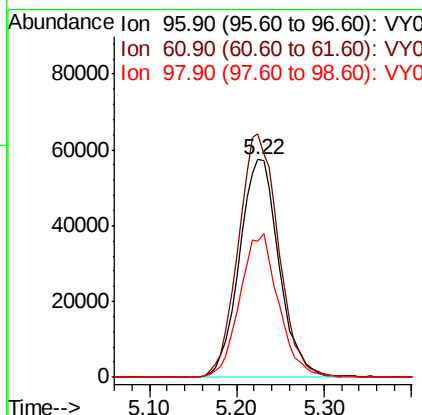
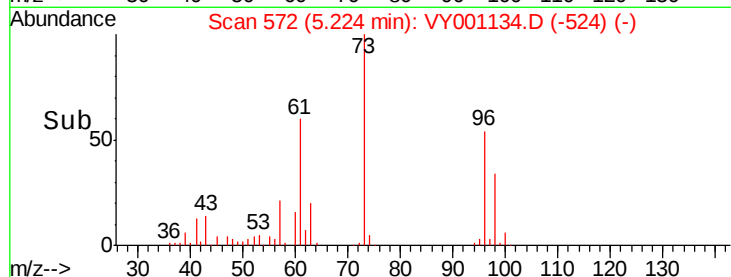
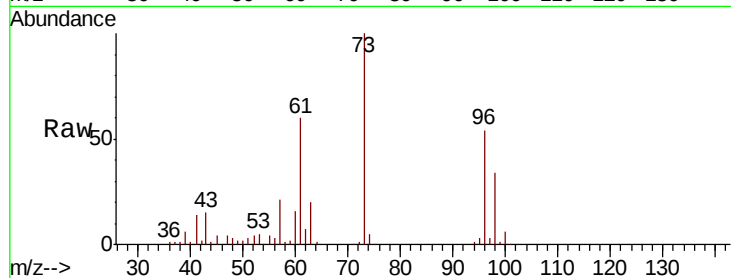
#21
trans-1,2-Dichloroethene
Concen: 46.542 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampled :
ICVY010220

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.0	93.2	139.8
98	62.6	48.8	73.2

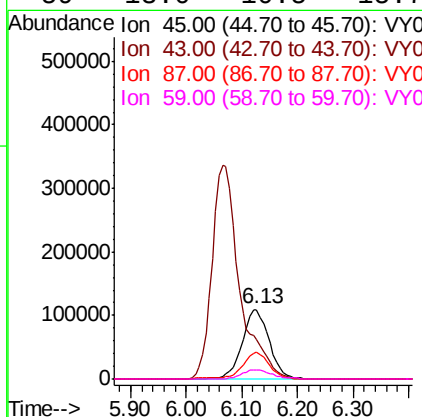
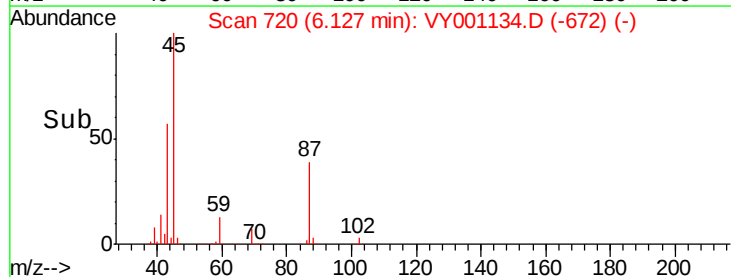
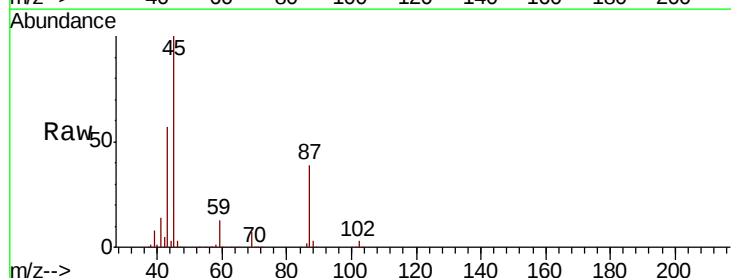
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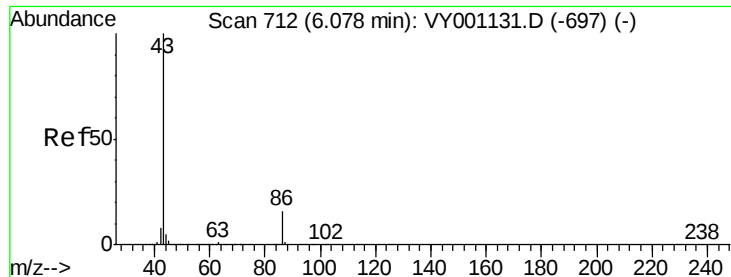
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#22
Diisopropyl ether
Concen: 47.884 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	43.7	65.5
87	39.2	30.0	45.0
59	13.0	10.5	15.7





#23

Vinyl Acetate

Concen: 221.756 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 43 Resp: 1164911

Ion Ratio Lower Upper

43 100

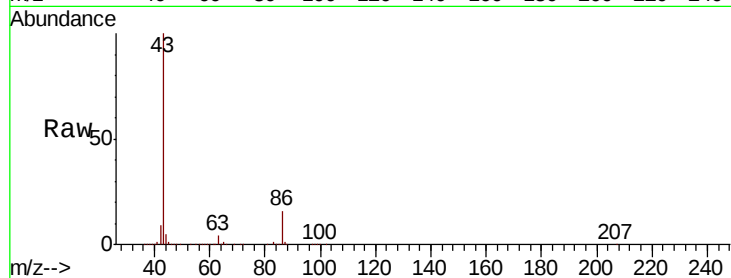
86 15.7 12.6 18.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

300000

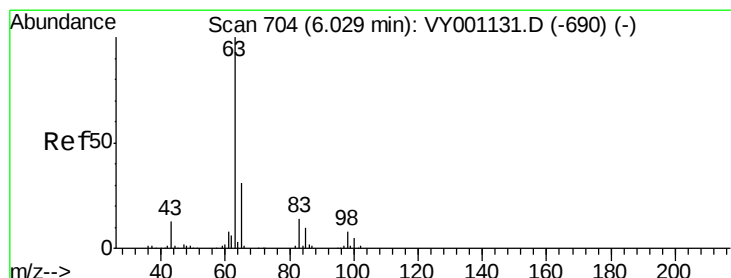
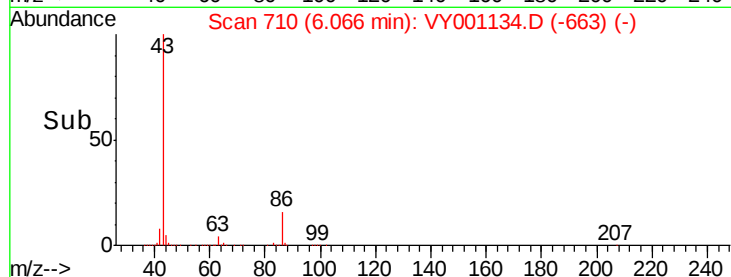
200000

100000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 48.633 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

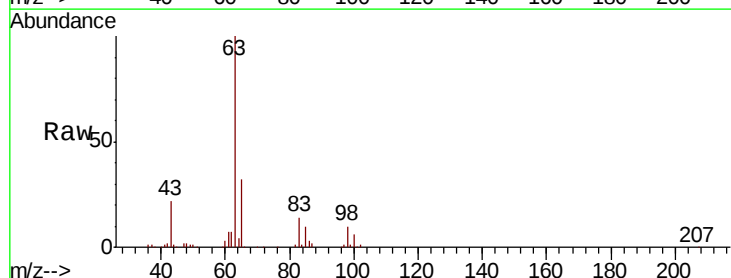
Tgt Ion: 63 Resp: 257942

Ion Ratio Lower Upper

63 100

98 9.8 4.1 12.3

100 5.6 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

100000

80000

60000

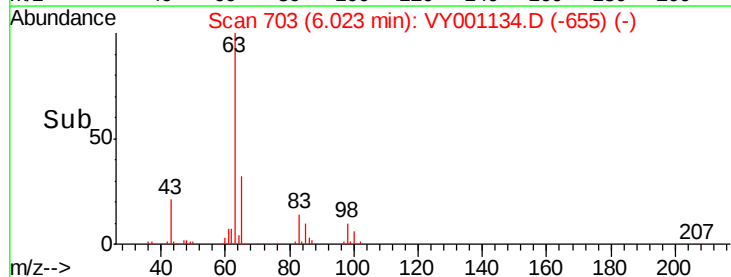
40000

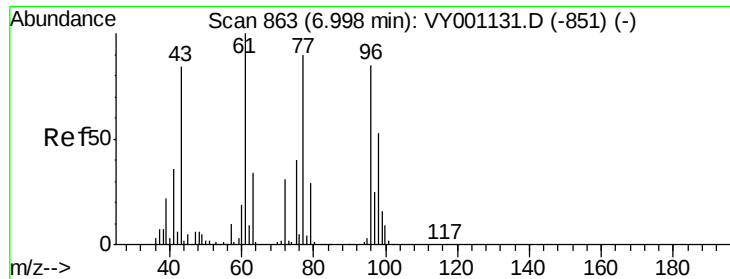
20000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 210.839 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 43 Resp: 206538

Ion Ratio Lower Upper

43 100

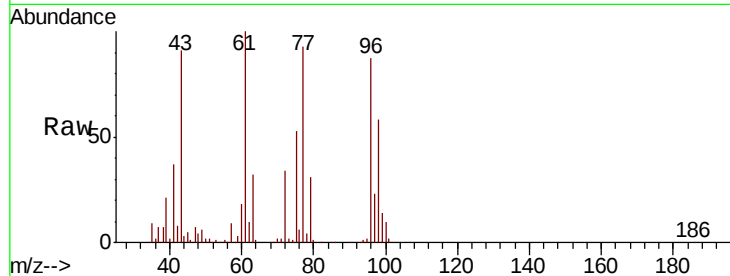
72 36.8 29.5 44.3

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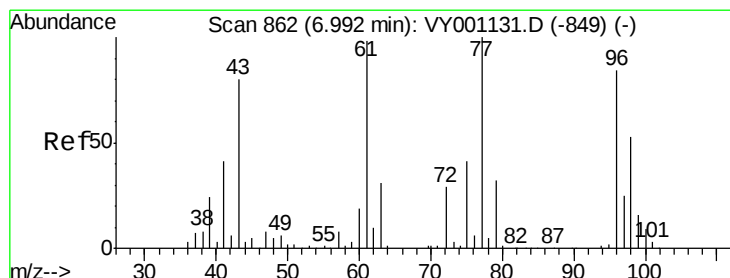
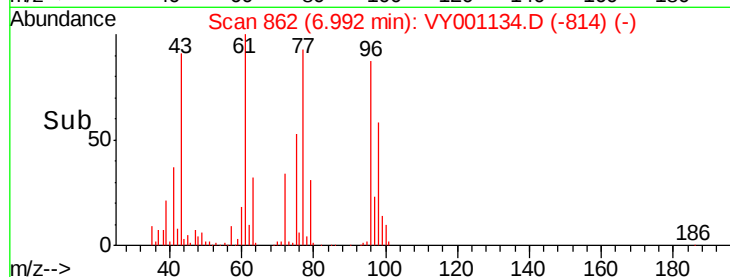
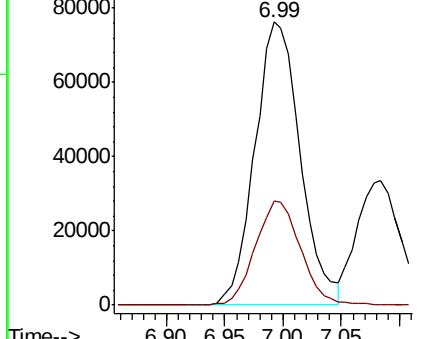
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 41.646 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001134.D

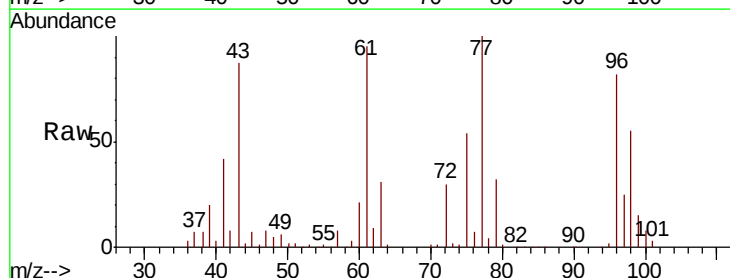
Acq: 02 Jan 2020 14:47

Tgt Ion: 77 Resp: 238307

Ion Ratio Lower Upper

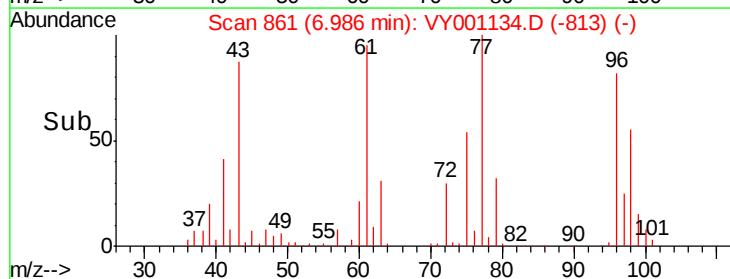
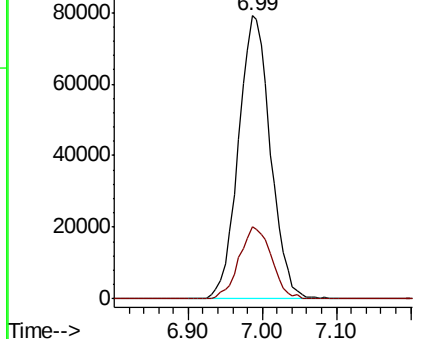
77 100

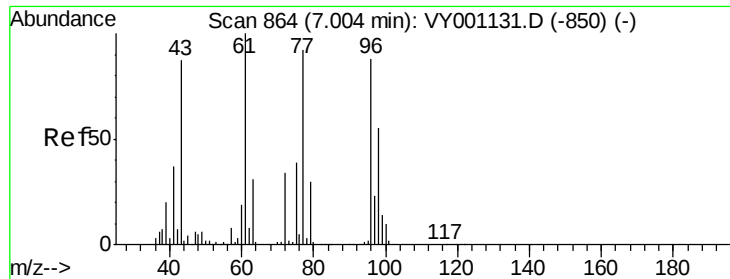
97 25.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

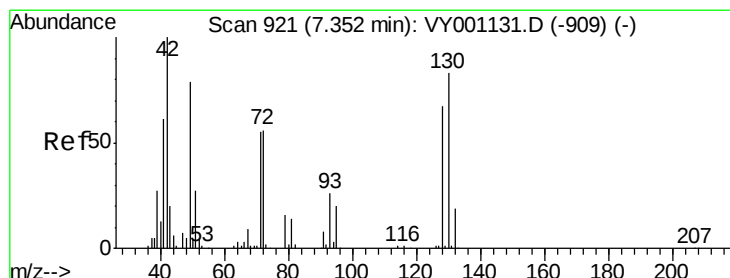
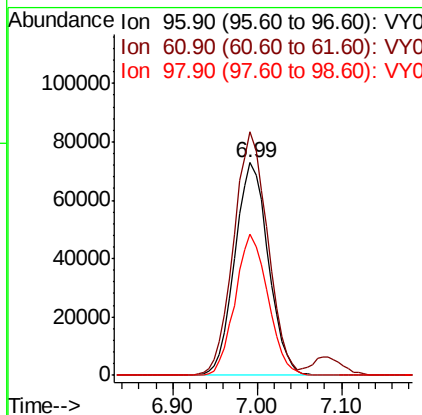
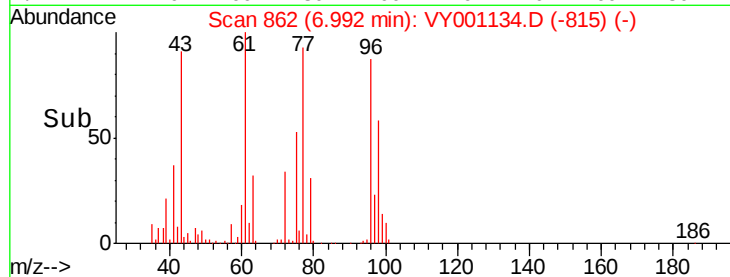
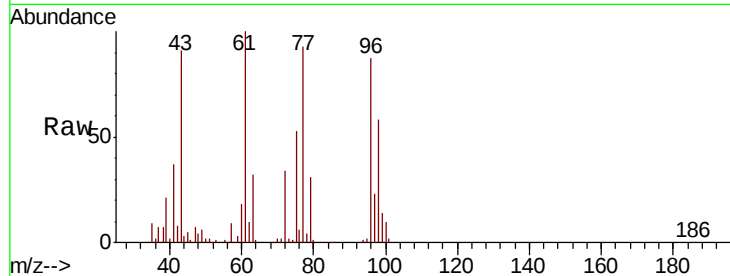
cis-1,2-Dichloroethene
Concen: 42.945 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Resp	Lower	Upper
96	100	196372		
61	116.8	0.0	235.0	
98	64.8	0.0	127.4	

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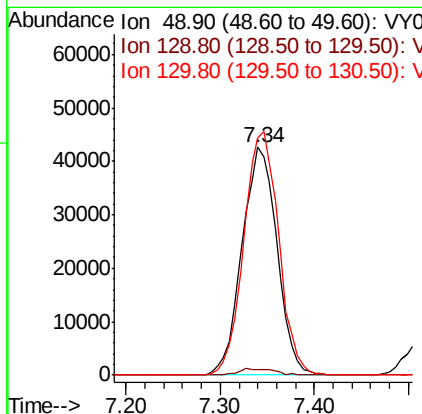
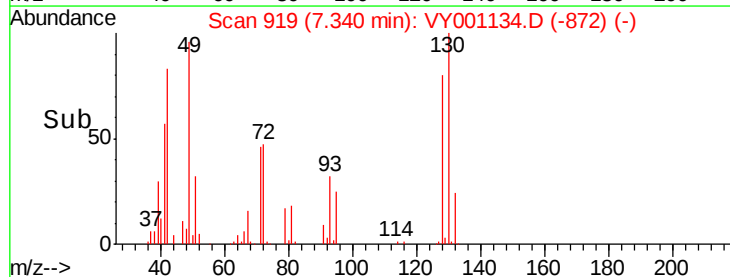
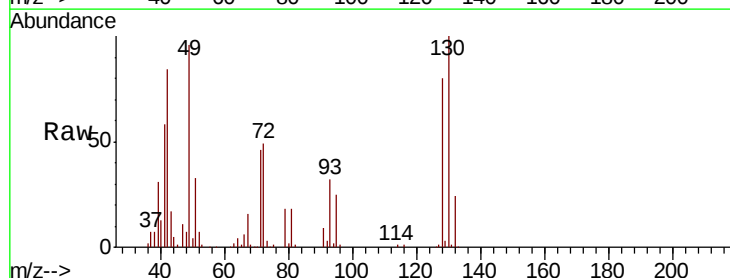
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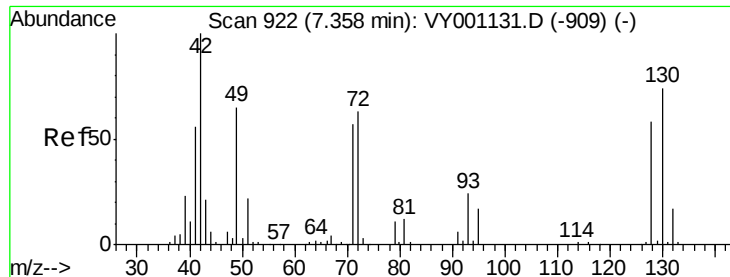


#28

Bromochloromethane
Concen: 55.547 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110428		
129	2.9	0.0	6.0	
130	106.4	86.9	130.3	





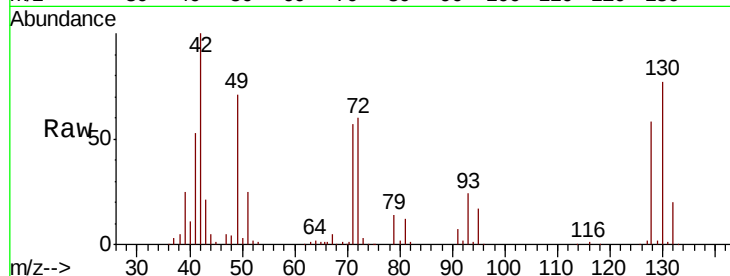
#29
Tetrahydrofuran
Concen: 201.981 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

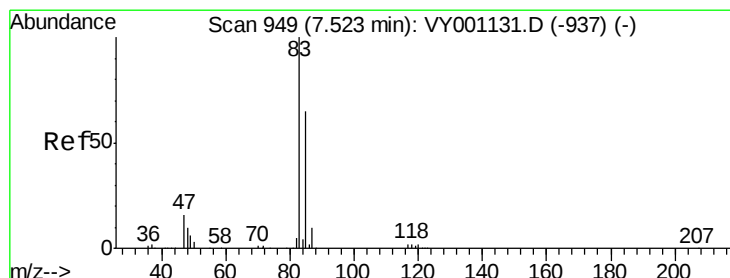
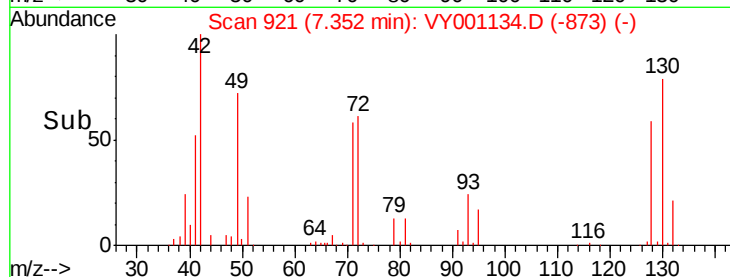
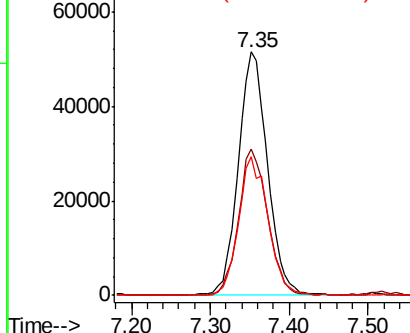
Tot Ion	Ratio	Lower	Upper
42	100		
72	59.6	49.0	73.6
71	57.2	45.3	67.9

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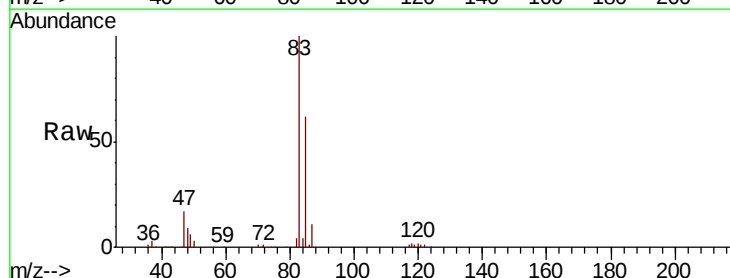


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

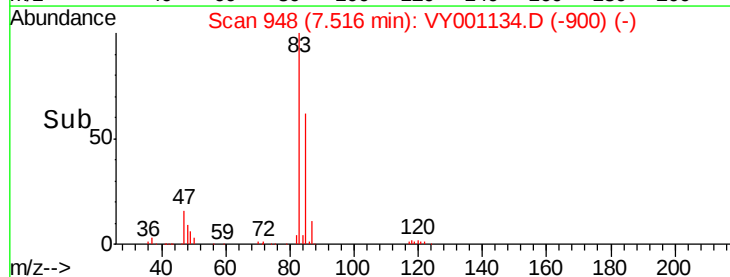
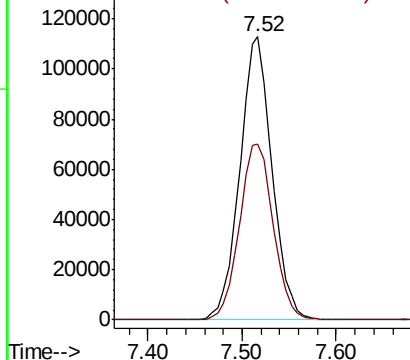


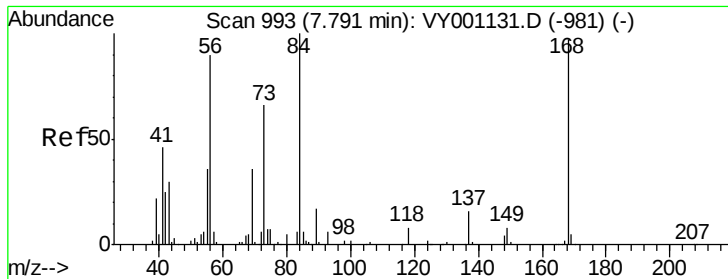
#30
Chloroform
Concen: 41.556 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 40.209 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

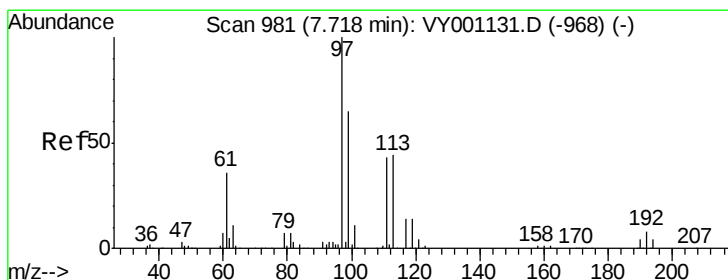
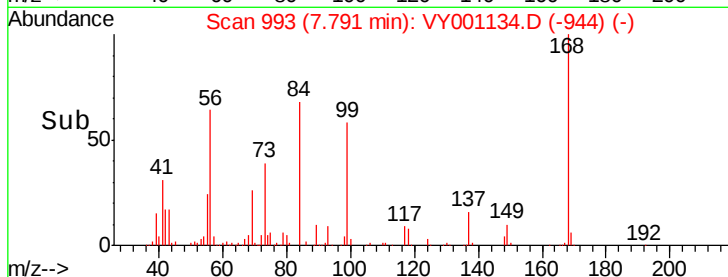
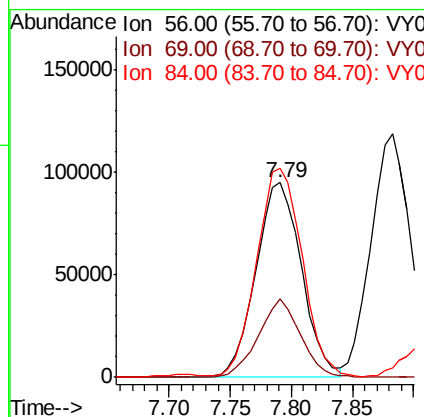
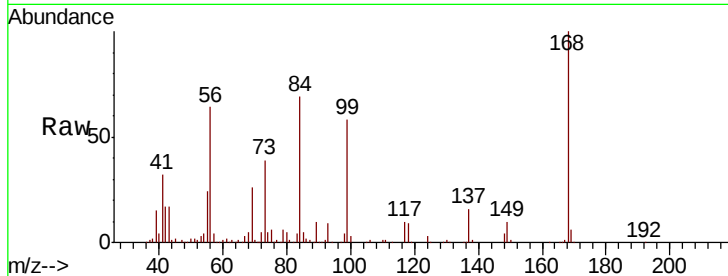
ClientSampleId :

ICVY010220

Tot Ion:	56	Resp:	247281
Ion Ratio	Lower	Upper	
56	100		
69	40.3	32.0	48.0
84	105.5	89.1	133.7

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#32

1,1,1-Trichloroethane

Concen: 40.644 ug/l

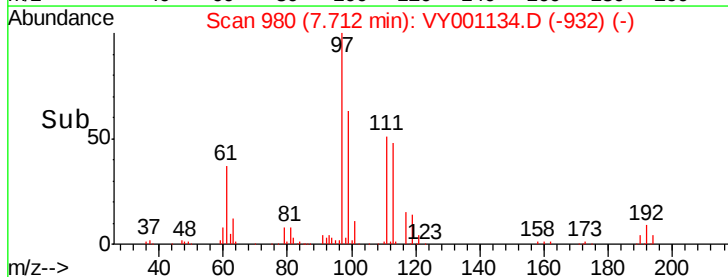
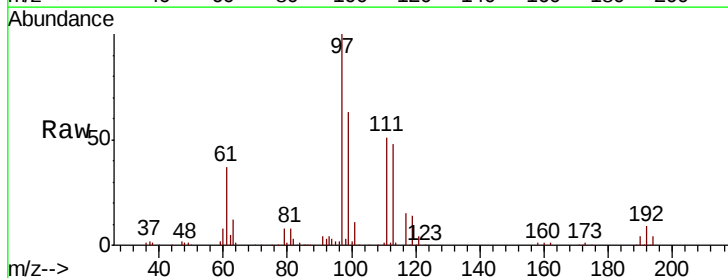
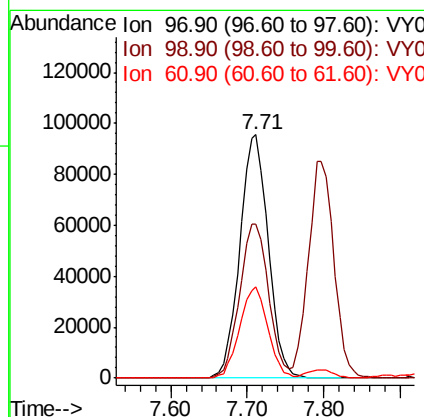
RT: 7.71 min Scan# 980

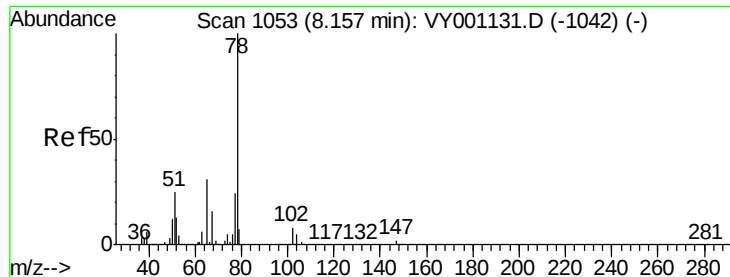
Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	97	Resp:	245640
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.0	76.6
61	37.4	29.2	43.8





#33

1,2-Dichloroethane-d4

Concen: 48.827 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 65 Resp: 151874

Ion Ratio Lower Upper

65 100

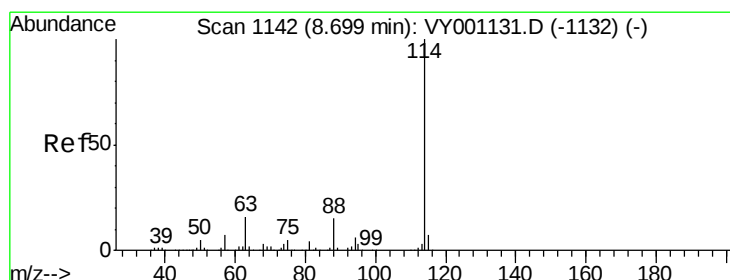
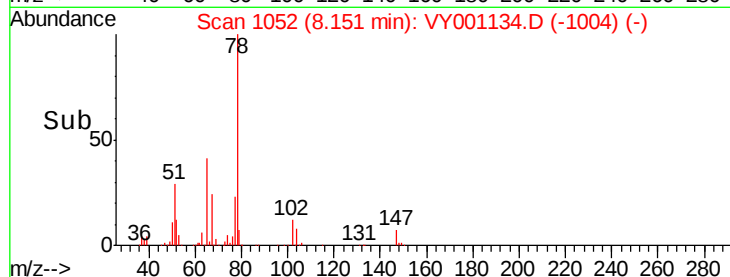
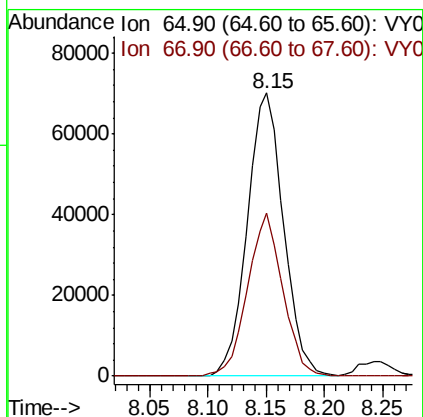
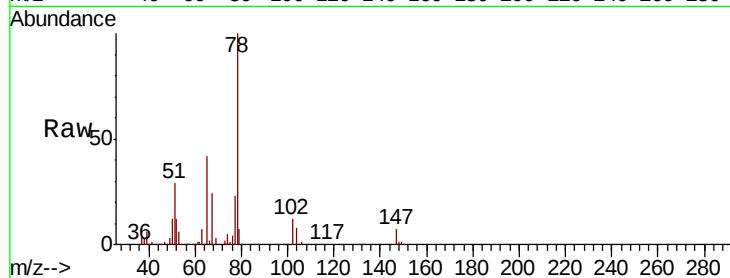
67 55.8 0.0 110.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

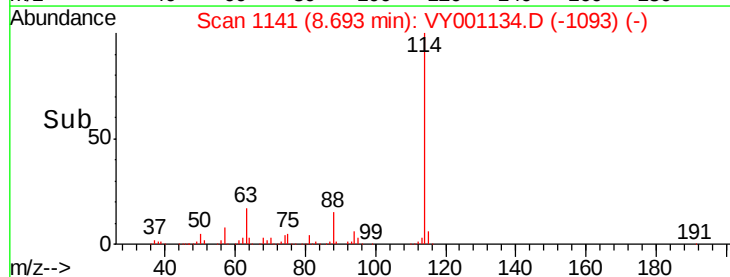
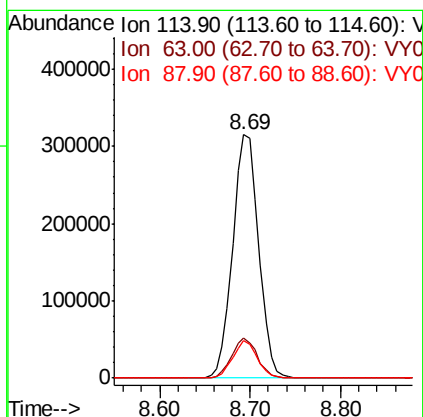
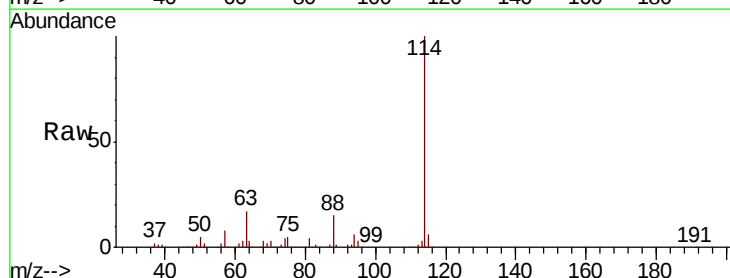
Tgt Ion: 114 Resp: 624587

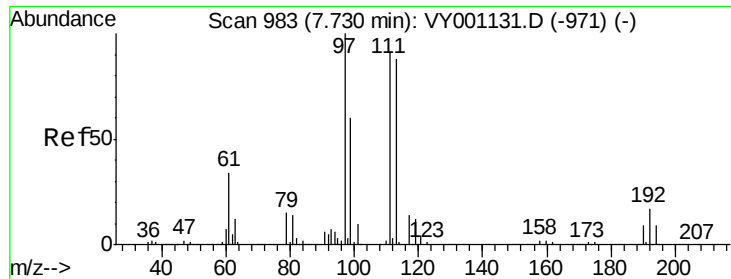
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.0

88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.631 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

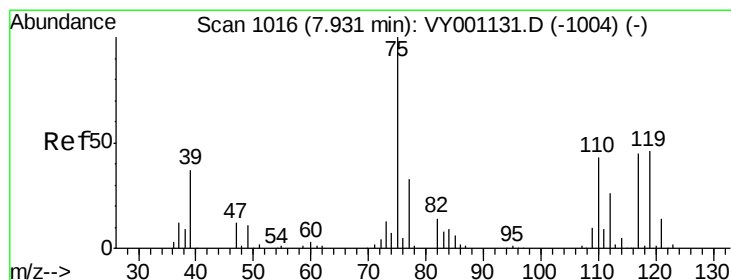
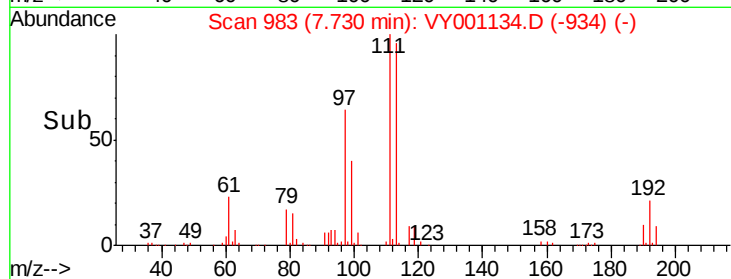
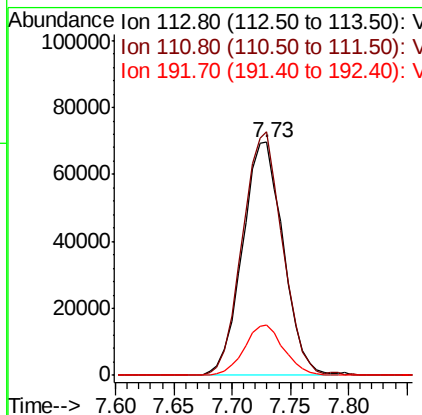
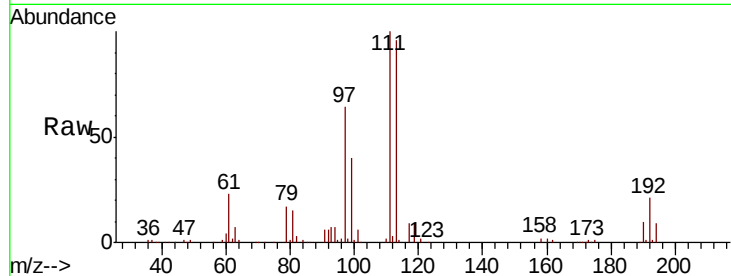
ClientSampleId :

ICVVY010220

Tot Ion:	113	Resp:	169170
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	20.8	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 41.169 ug/l

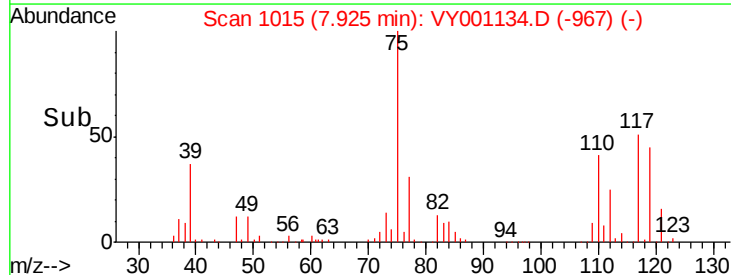
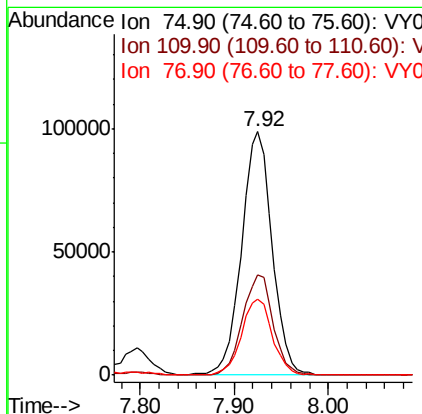
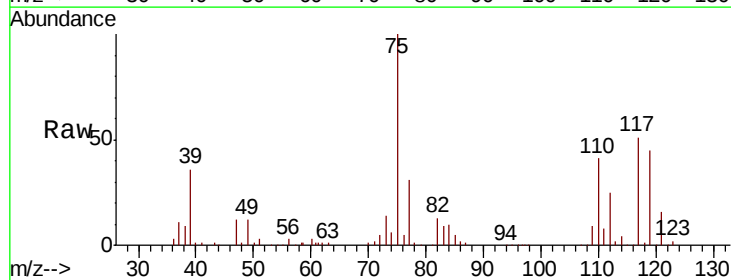
RT: 7.92 min Scan# 1015

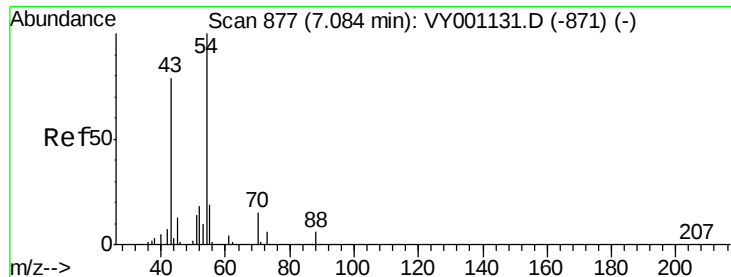
Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	75	Resp:	224334
Ion	Ratio	Lower	Upper
75	100		
110	41.0	20.6	61.8
77	31.7	25.7	38.5





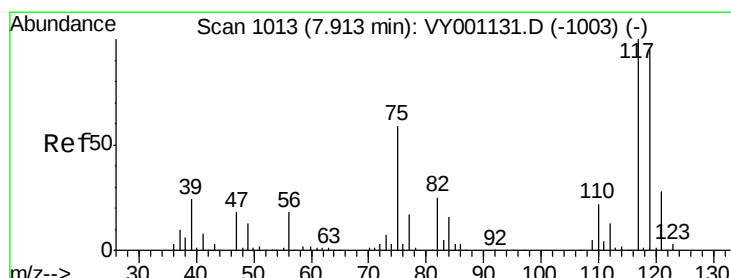
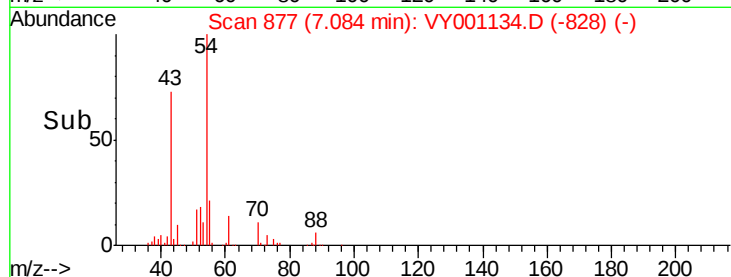
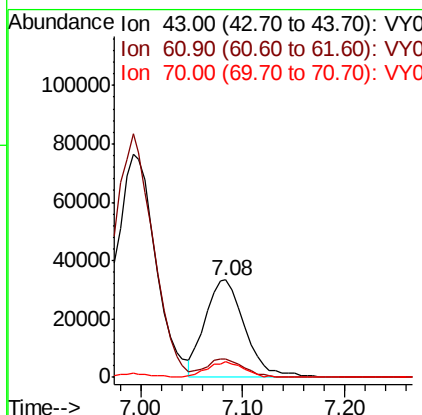
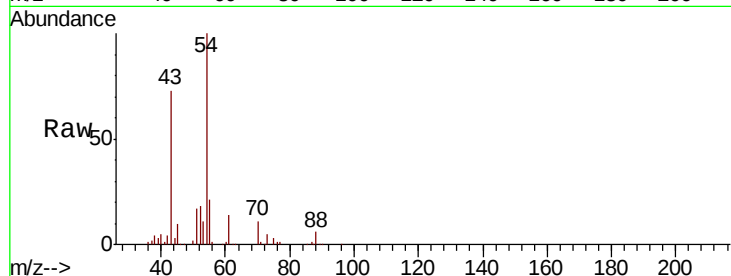
#37
Ethyl Acetate
Concen: 40.061 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.4	21.6
70	15.0	11.5	17.3

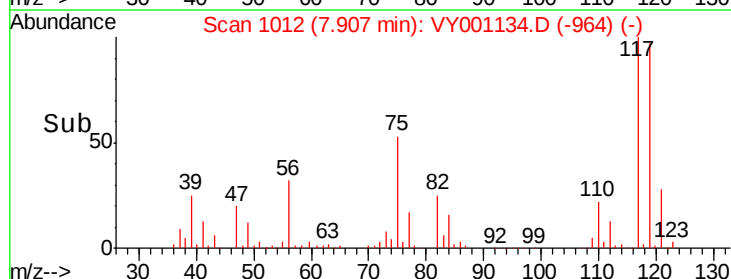
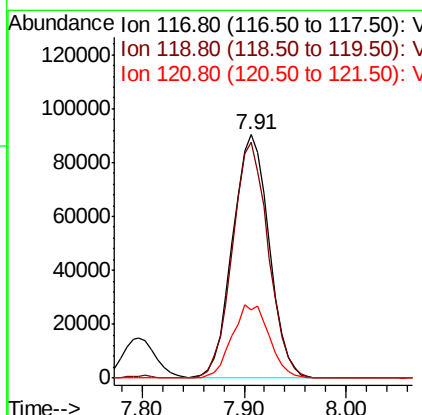
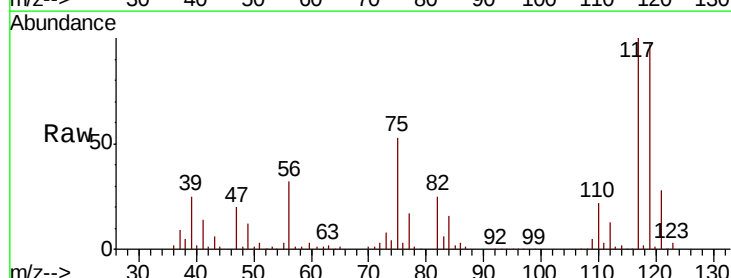
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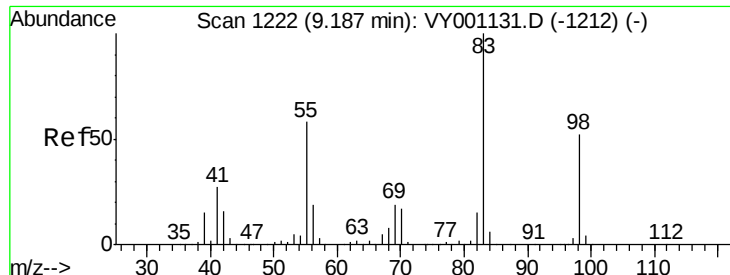
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#38
Carbon Tetrachloride
Concen: 39.758 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.6
121	27.9	22.5	33.7





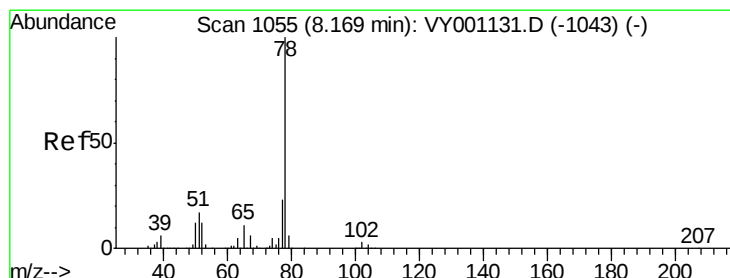
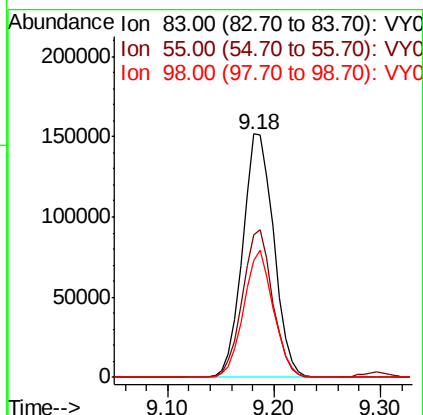
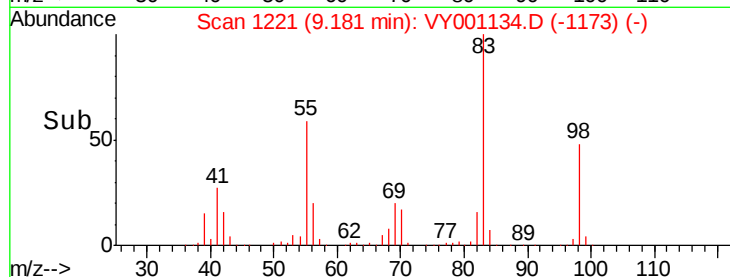
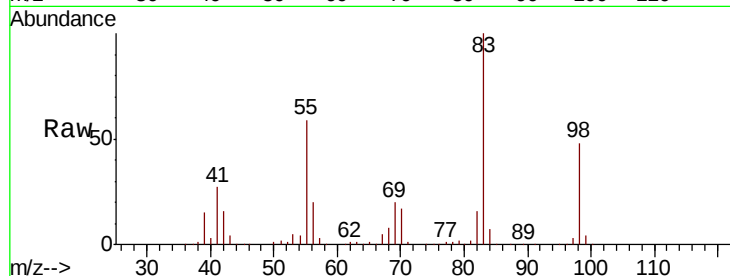
#39
Methvlcvclohexane
Concen: 41.308 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
83	100		
55	58.6	46.4	69.6
98	47.9	41.5	62.3

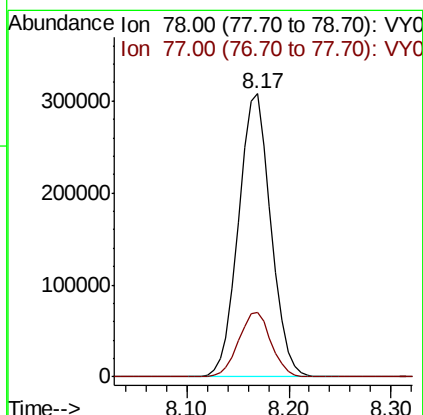
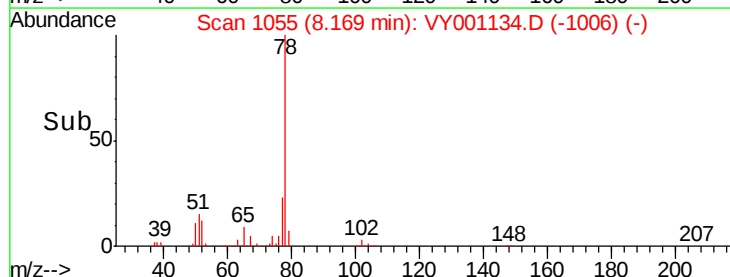
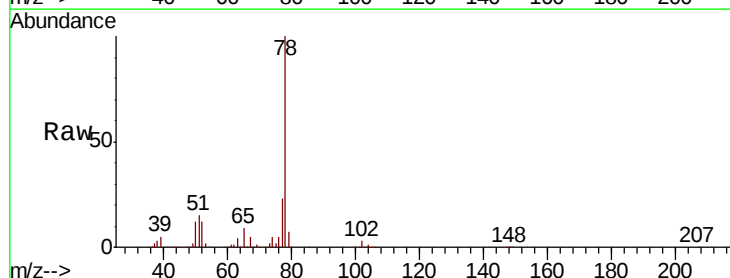
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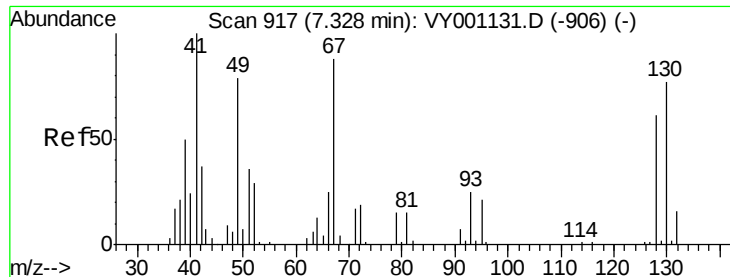
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#40
Benzene
Concen: 40.440 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2





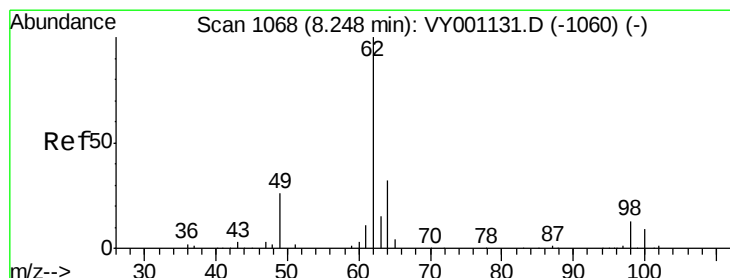
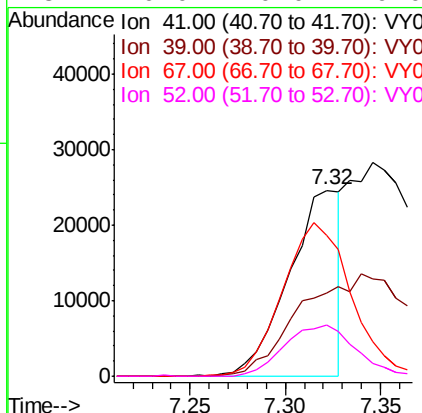
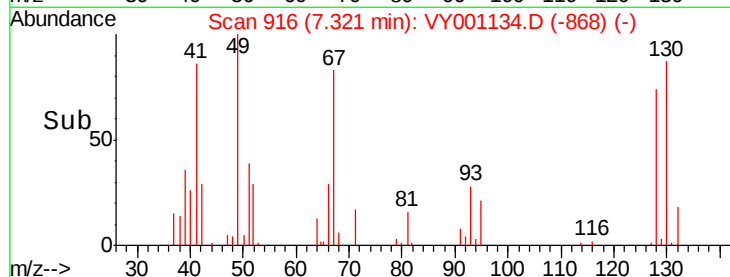
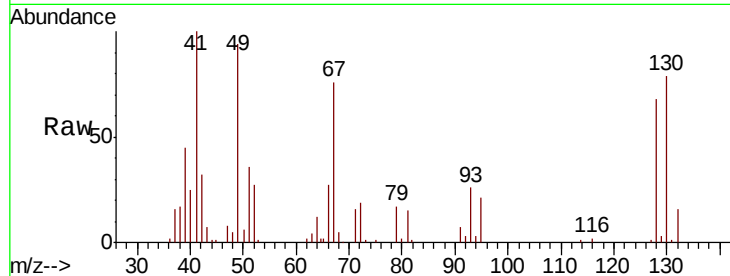
#41
Methacrylonitrile
Concen: 42.223 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
41	100		
39	120.1	122.9	184.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

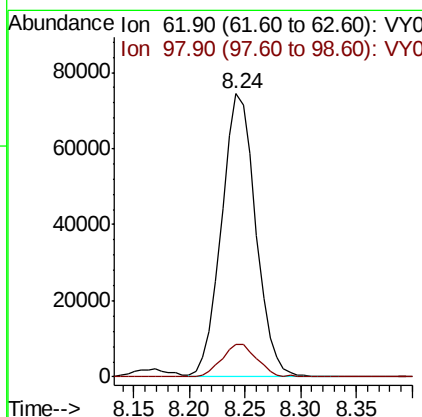
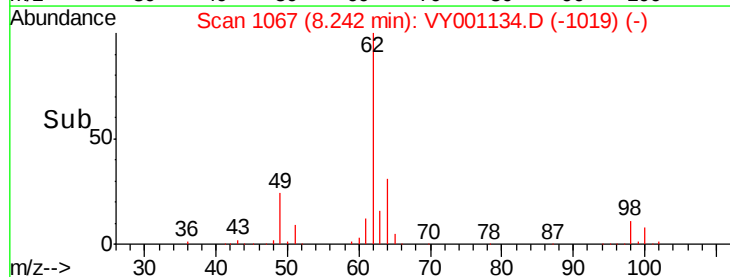
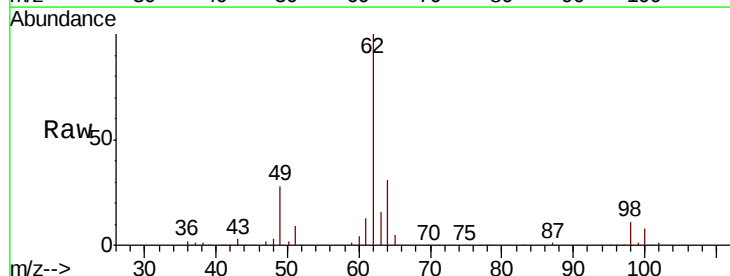
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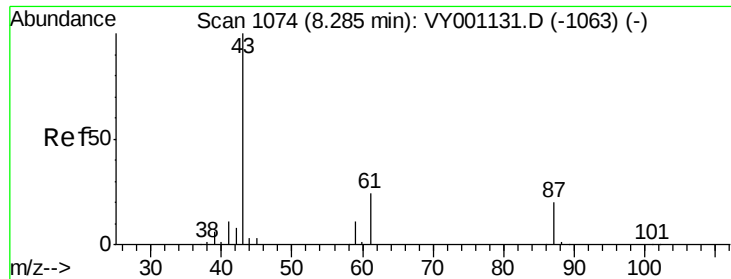
apatel
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#42
1,2-Dichloroethane
Concen: 39.729 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	24.4





#43

Isopropyl Acetate

Concen: 38.916 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

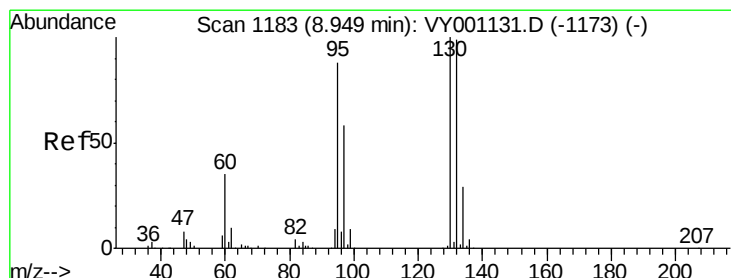
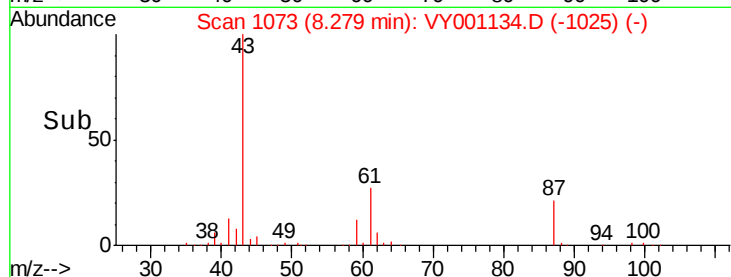
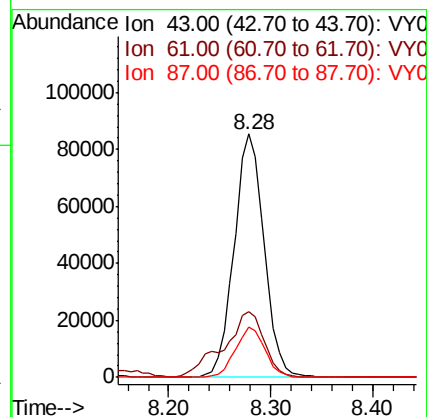
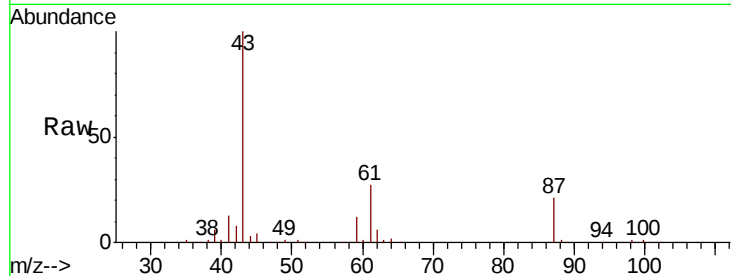
ClientSampleId :

ICVY010220

Tot Ion:	43	Resp:	173315
Ion	Ratio	Lower	Upper
43	100		
61	36.6	29.1	43.7
87	20.2	15.4	23.2

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#44

Trichloroethene

Concen: 40.113 ug/l

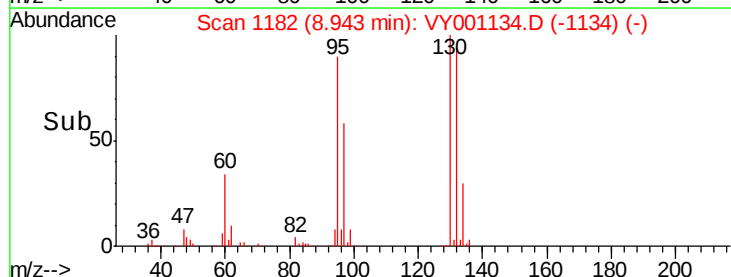
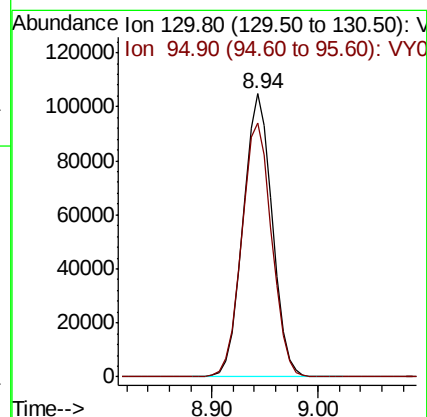
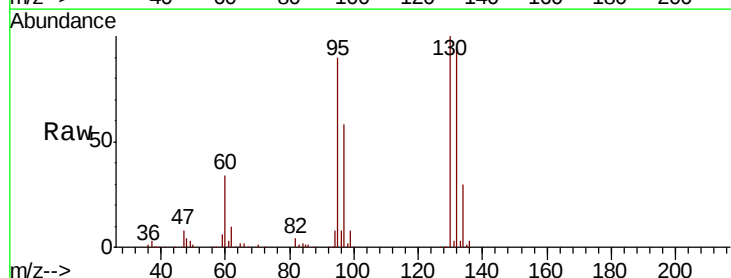
RT: 8.94 min Scan# 1182

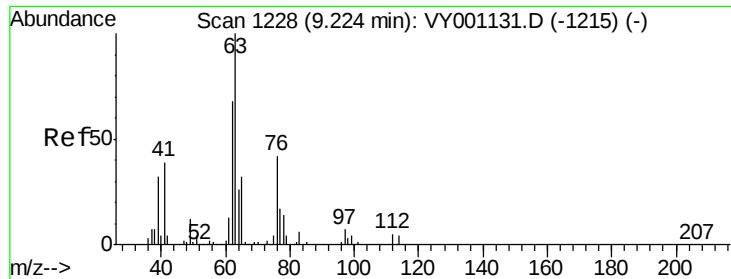
Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	130	Resp:	201351
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	176.8





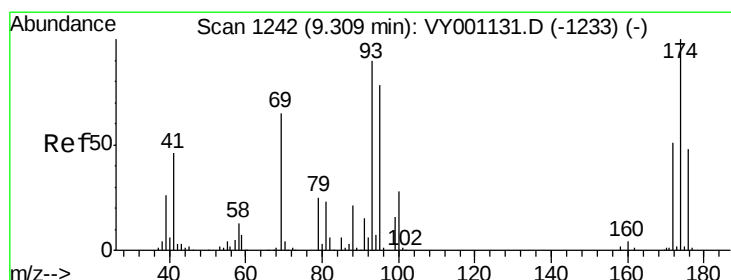
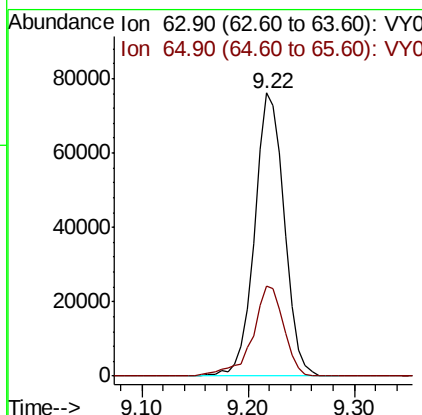
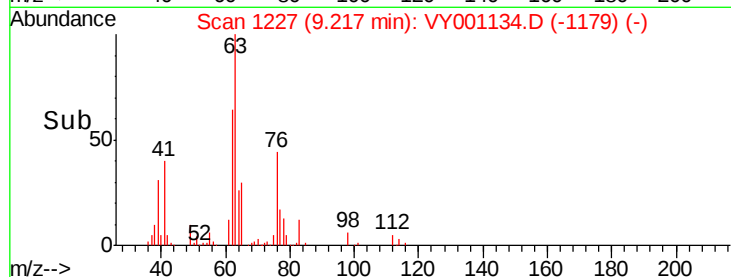
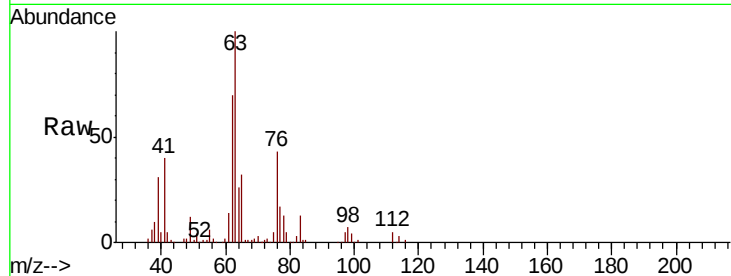
#45
 1,2-Dichloropropane
 Concen: 39.884 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010220

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.6	38.4

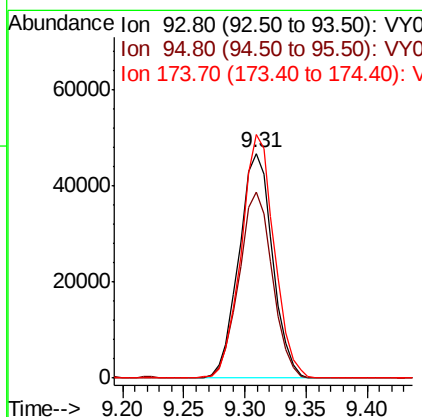
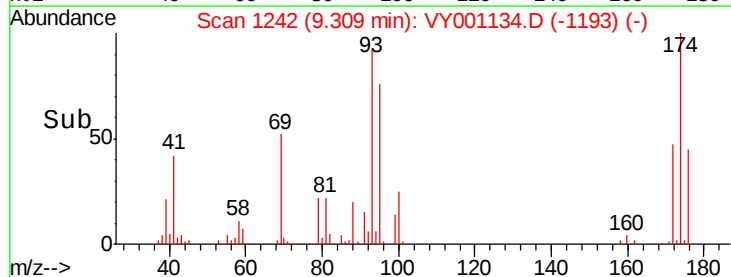
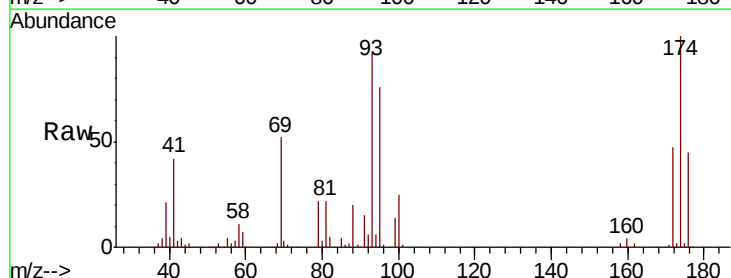
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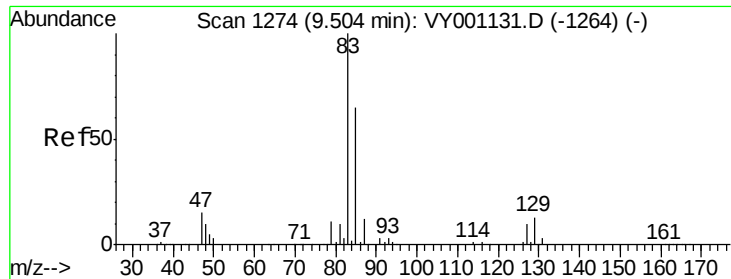
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#46
 Dibromomethane
 Concen: 40.765 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	68.7	103.1
174	106.3	88.0	132.0





#47

Bromodichloromethane

Concen: 41.106 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

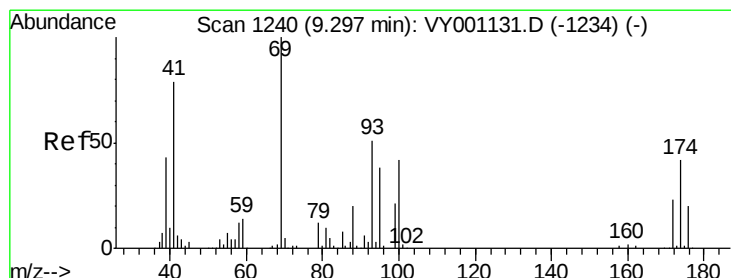
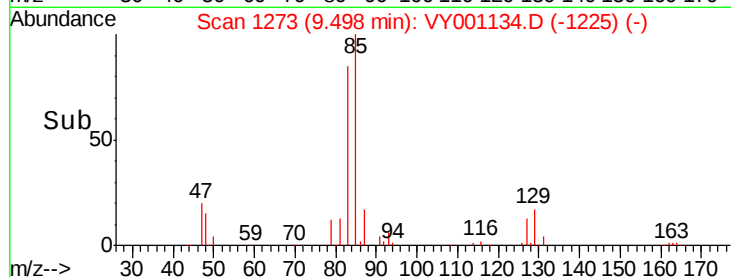
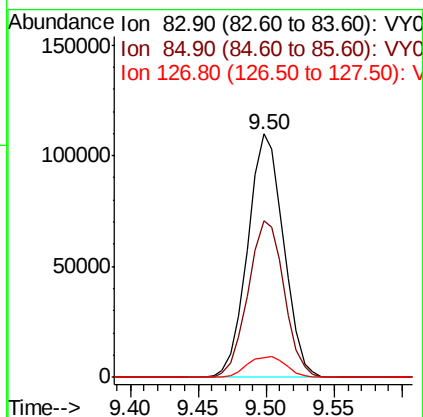
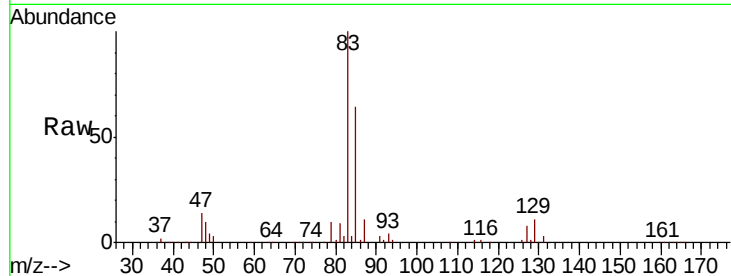
ClientSampleId :

ICVY010220

Tot Ion:	83	Resp:	202974
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.7	77.5
127	8.3	7.6	11.4

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#48

Methyl methacrylate

Concen: 38.927 ug/l

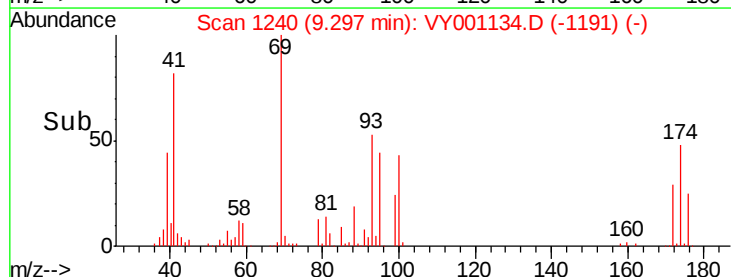
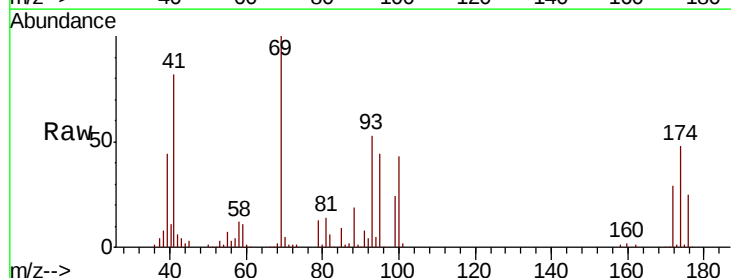
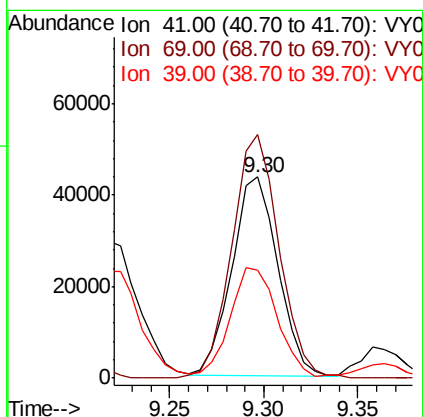
RT: 9.30 min Scan# 1240

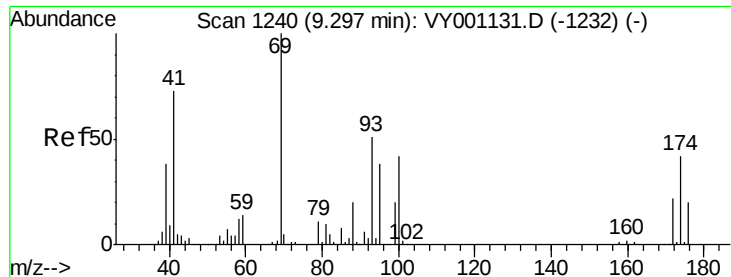
Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	41	Resp:	73852
Ion	Ratio	Lower	Upper
41	100		
69	124.9	100.3	150.5
39	57.3	47.6	71.4





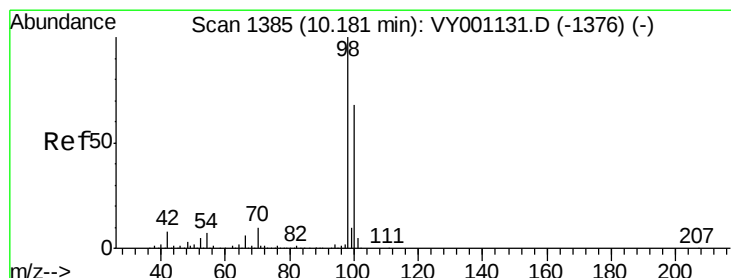
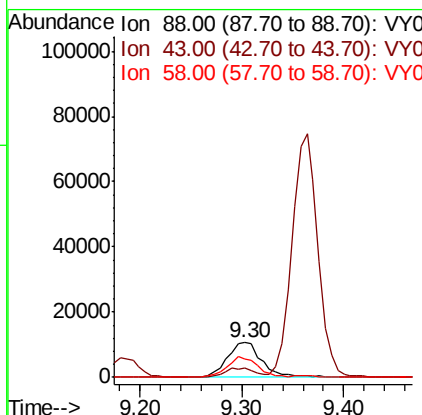
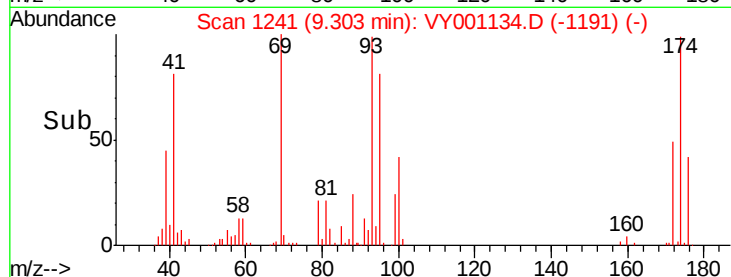
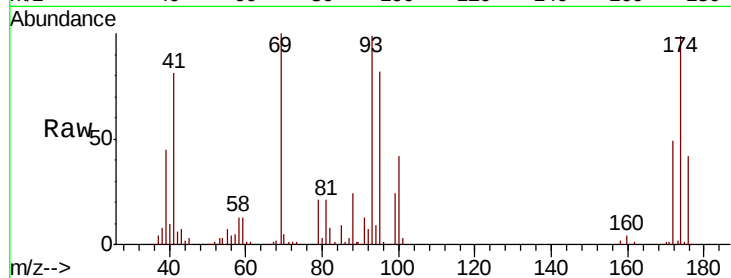
#49
1,4-Dioxane
Concen: 755.819 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
88	100		
43	22.4	19.0	28.4
58	52.5	48.2	72.4

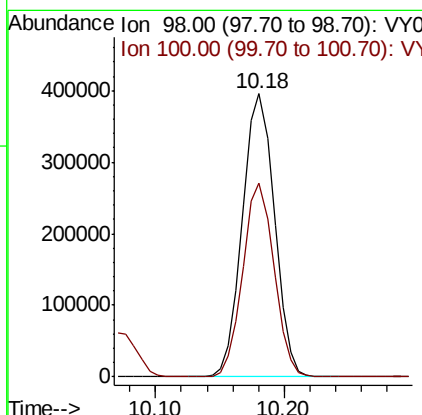
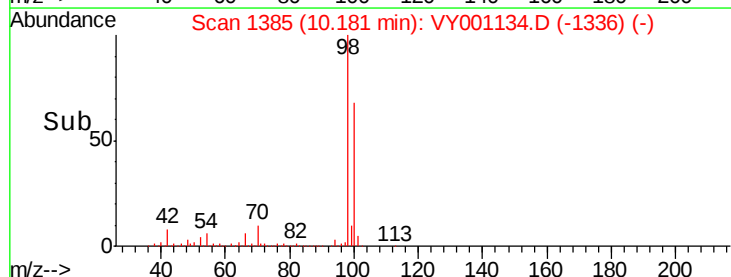
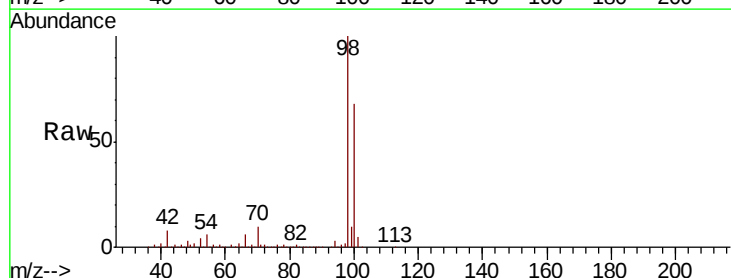
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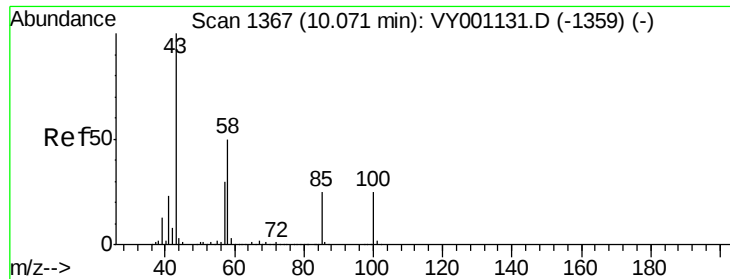
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#50
Toluene-d8
Concen: 52.447 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 210.395 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 43 Resp: 441878

Ion Ratio Lower Upper

43 100

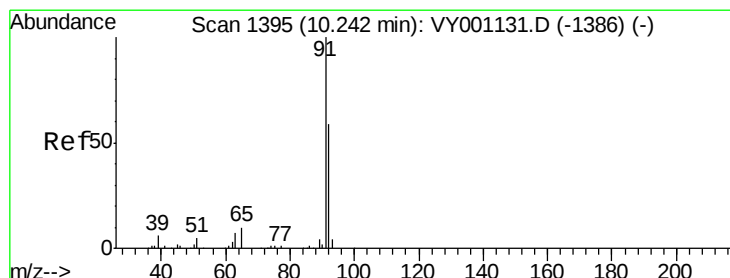
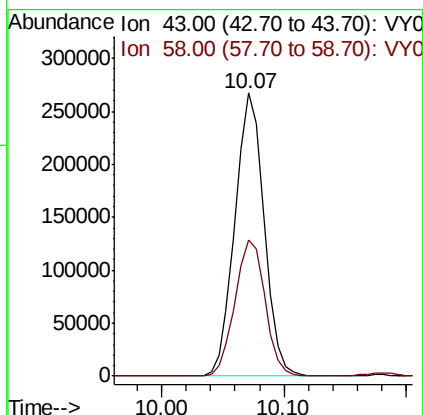
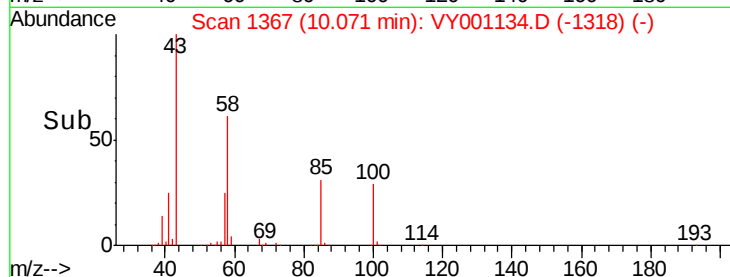
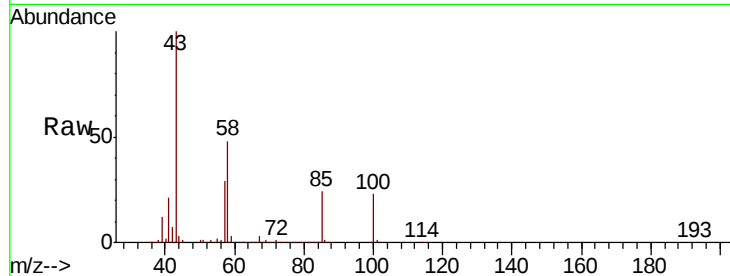
58 49.4 39.1 58.7

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#52

Toluene

Concen: 41.666 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001134.D

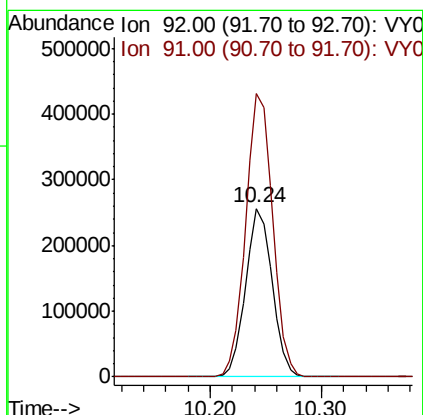
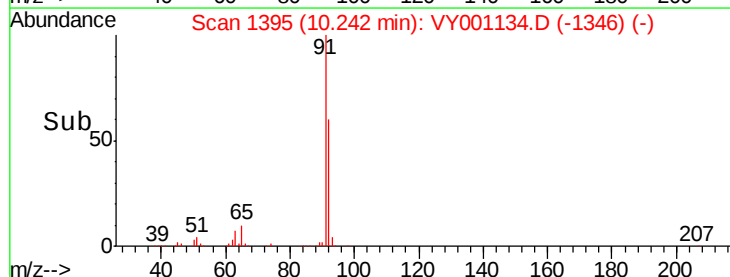
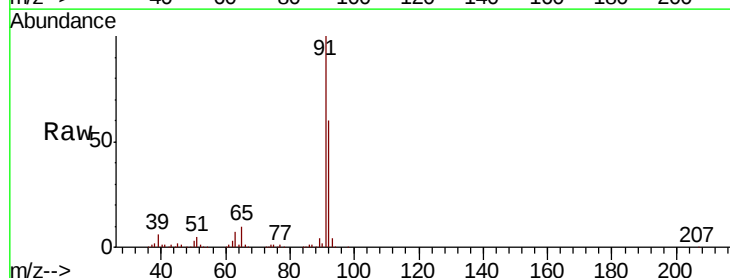
Acq: 02 Jan 2020 14:47

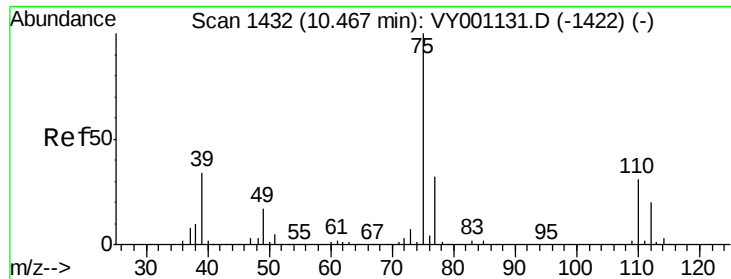
Tgt Ion: 92 Resp: 425717

Ion Ratio Lower Upper

92 100

91 171.2 137.6 206.4





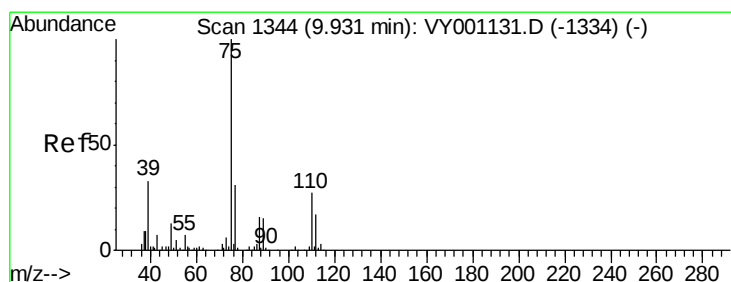
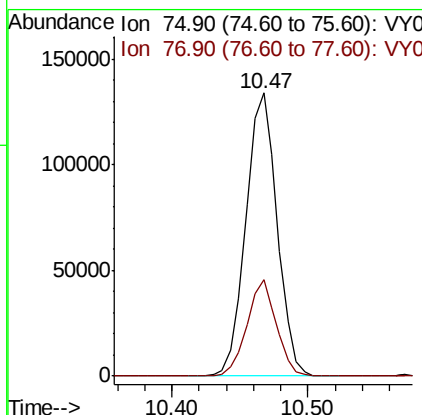
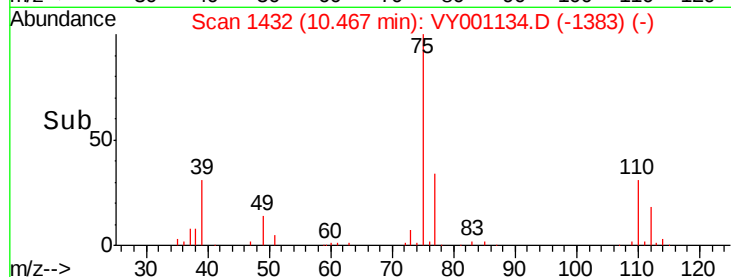
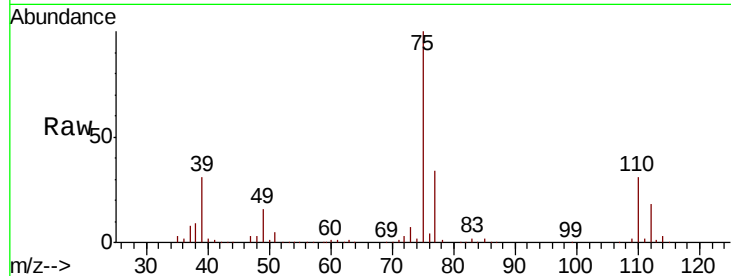
#53
t-1,3-Dichloropropene
Concen: 41.771 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampled :
ICVY010220

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.7	38.5

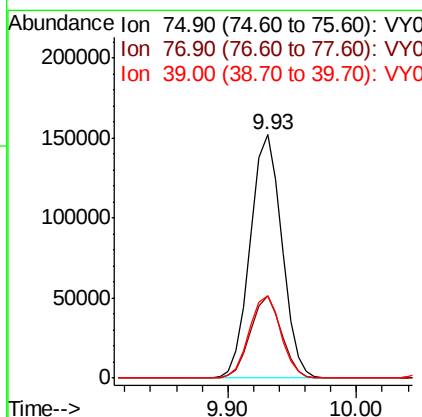
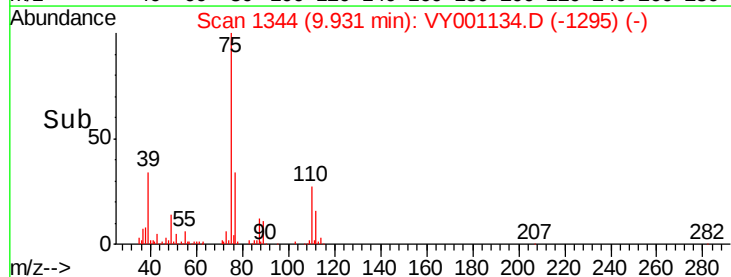
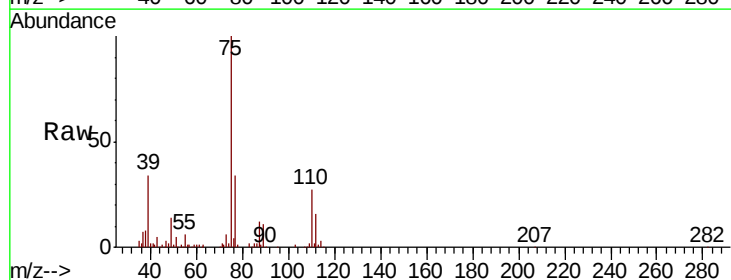
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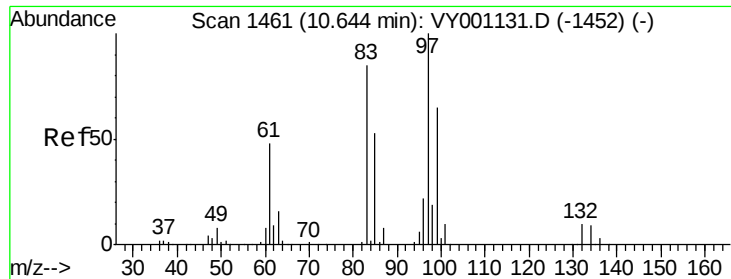
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#54
cis-1,3-Dichloropropene
Concen: 42.503 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	24.6	37.0
39	33.7	26.2	39.4





#55

1,1,2-Trichloroethane

Concen: 40.811 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 97 Resp: 129476

Ion Ratio Lower Upper

97 100

83 81.7 67.7 101.5

85 54.6 42.7 64.1

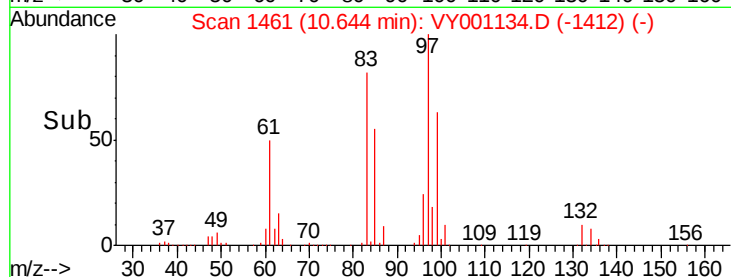
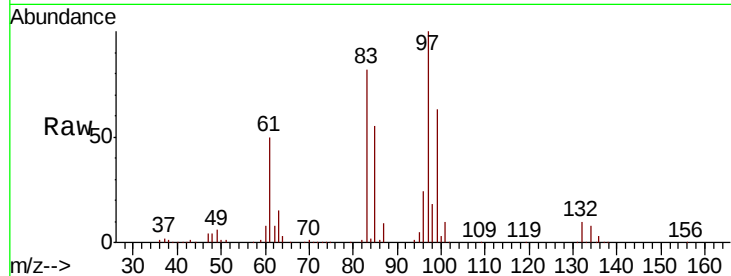
99 62.5 52.2 78.2

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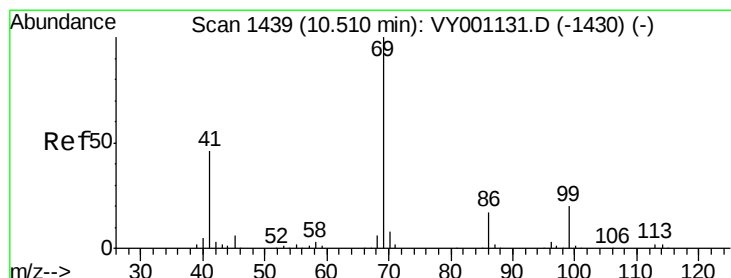
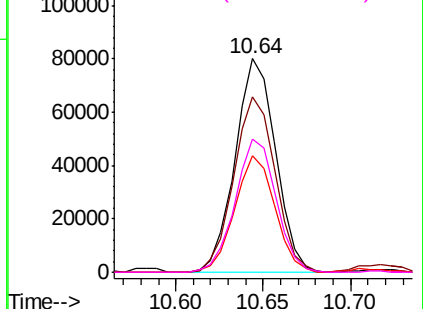
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 42.058 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

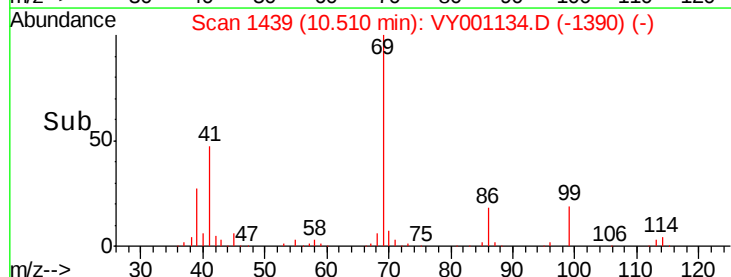
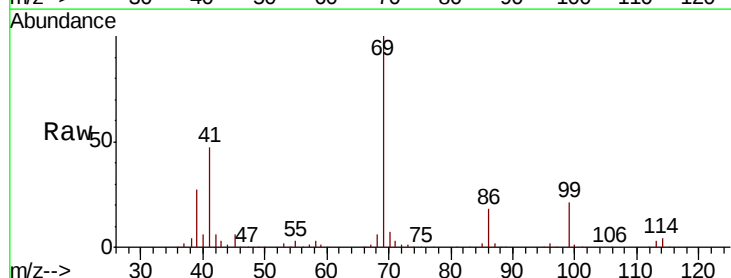
Tgt Ion: 69 Resp: 171013

Ion Ratio Lower Upper

69 100

41 47.7 37.5 56.3

39 24.6 19.0 28.6

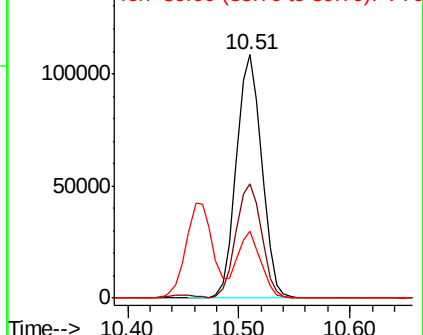


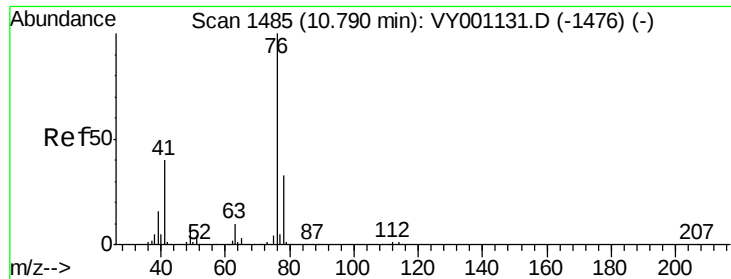
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





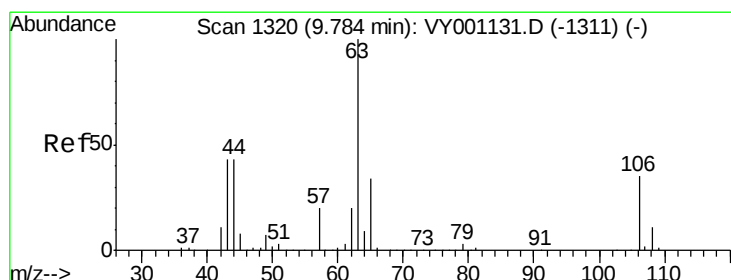
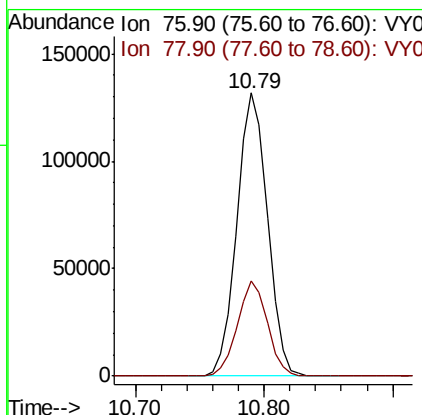
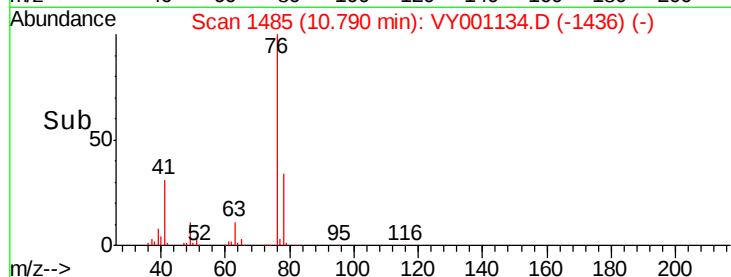
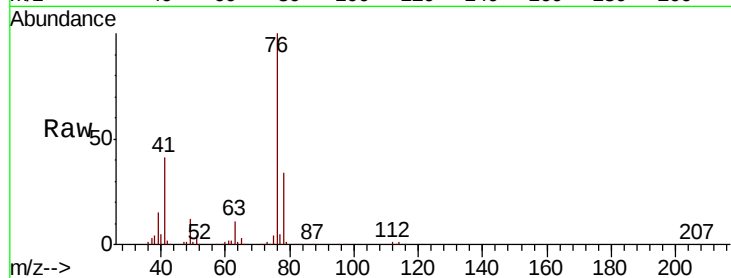
#57
 1,3-Dichloropropane
 Concen: 43.557 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampled :
 ICVVY010220

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.2	39.2

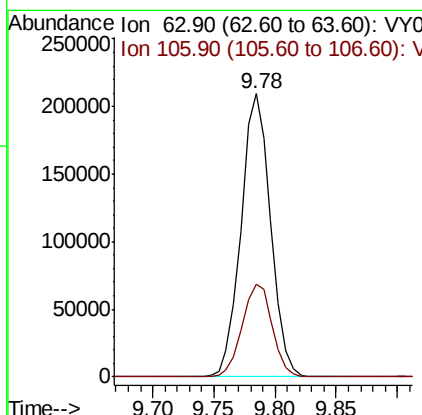
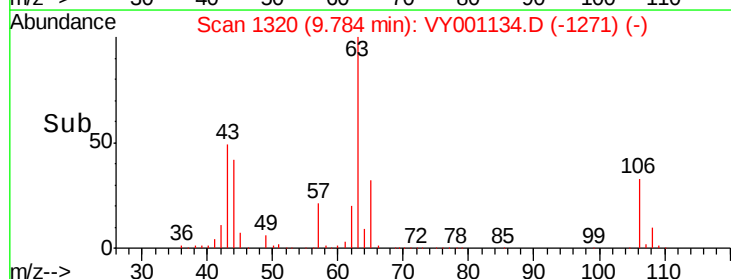
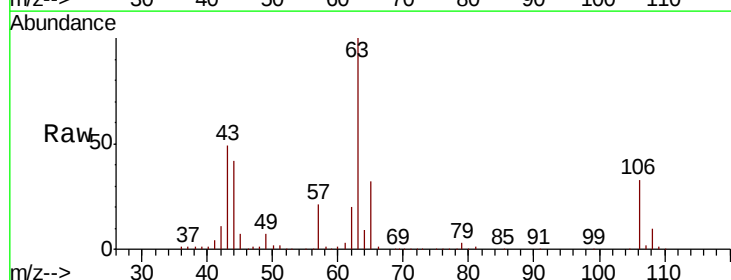
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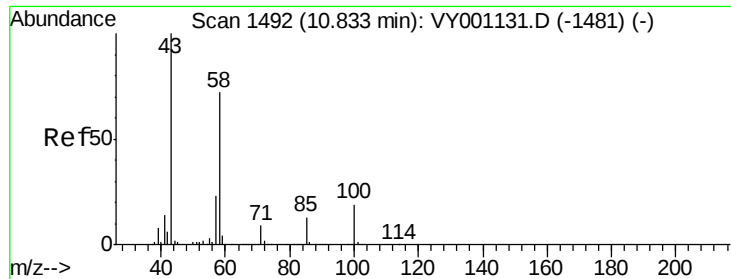
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.082 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.4	28.0	42.0





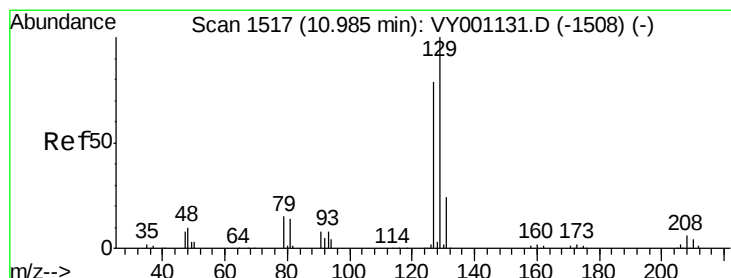
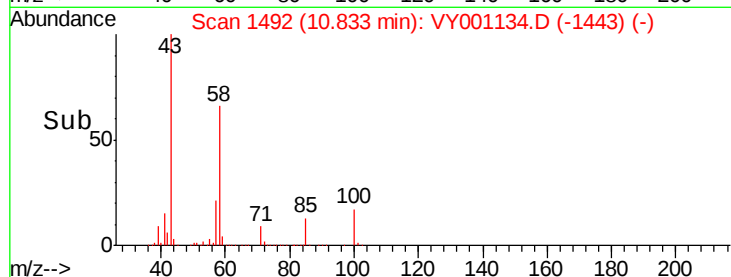
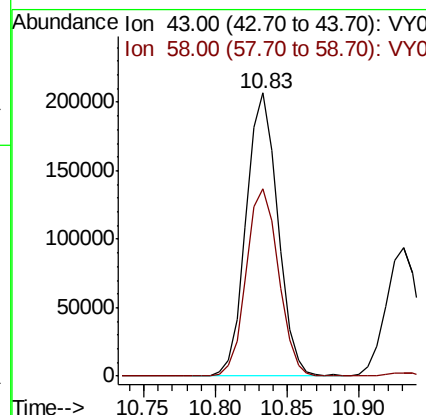
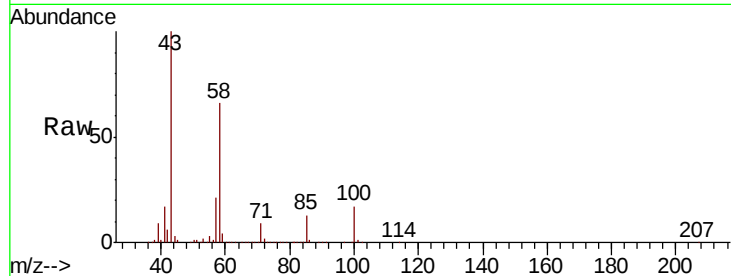
#59
2-Hexanone
Concen: 222.833 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	43	Resp	316186
Ion Ratio	43	100	
Lower	58	67.2	34.4
Upper			103.3

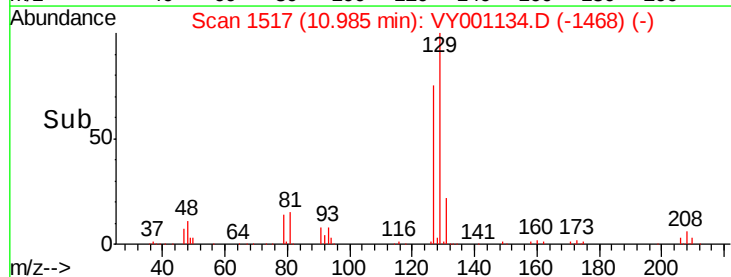
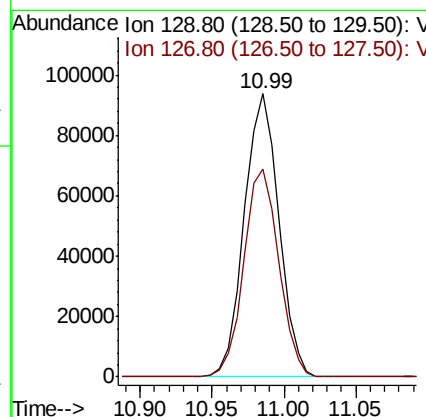
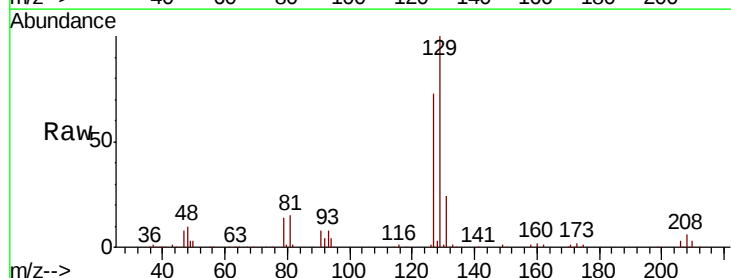
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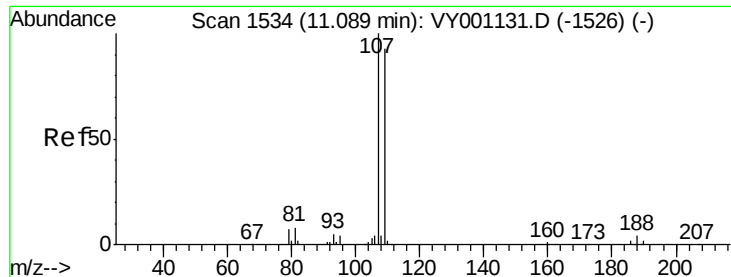
apatel
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#60
Dibromochloromethane
Concen: 43.058 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	129	Resp	156424
Ion Ratio	129	100	
Lower	127	74.2	38.5
Upper			115.5





#61

1,2-Dibromoethane

Concen: 41.732 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 107 Resp: 128736

Ion Ratio Lower Upper

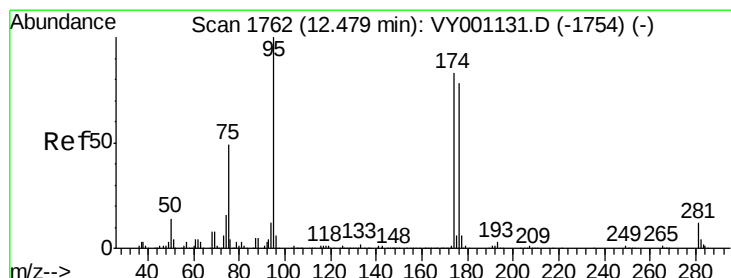
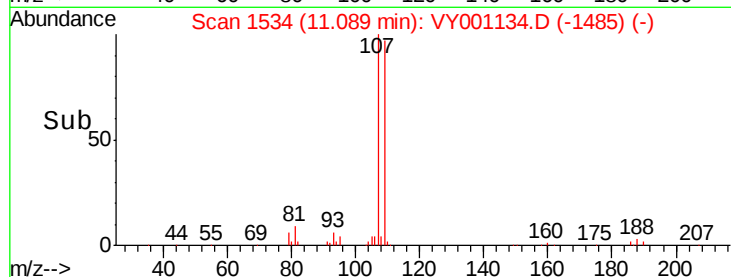
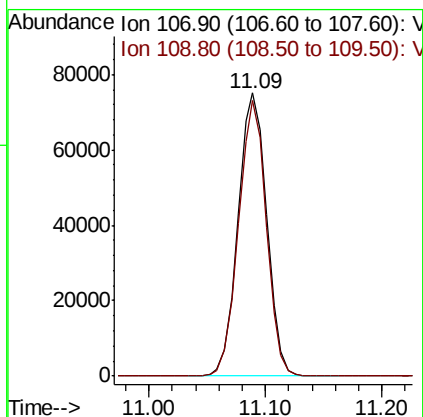
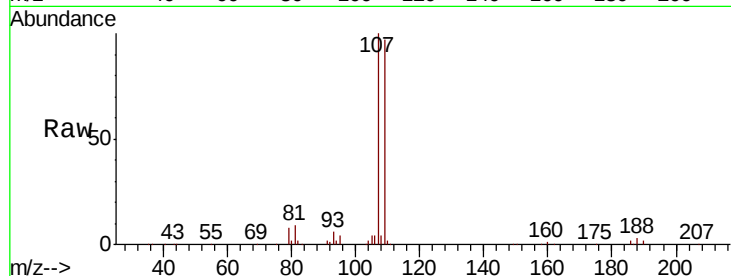
107 100

109 94.5 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 45.530 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

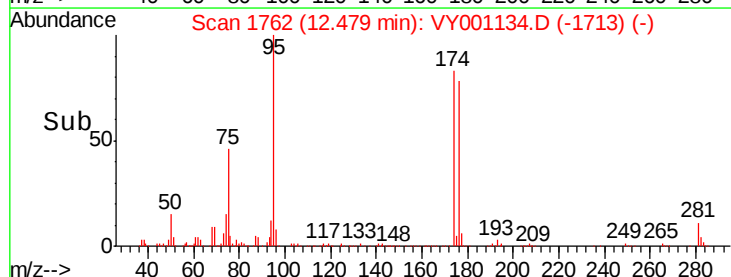
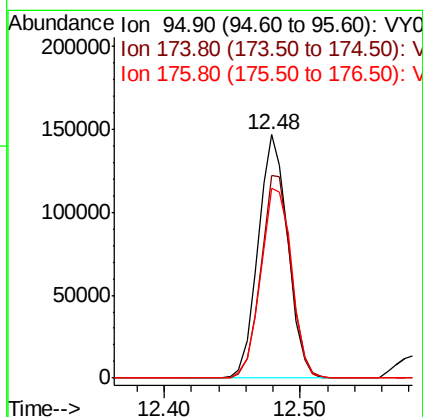
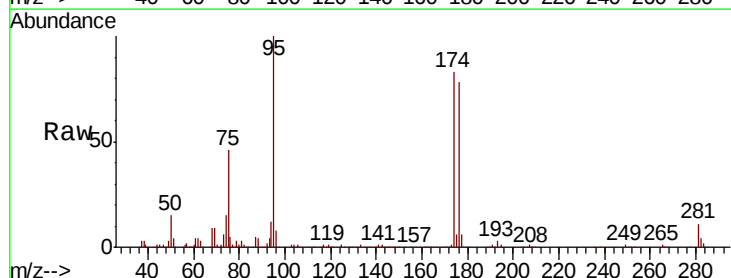
Tgt Ion: 95 Resp: 224843

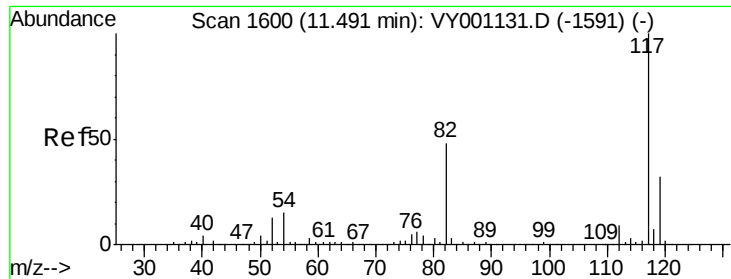
Ion Ratio Lower Upper

95 100

174 84.3 0.0 171.8

176 81.5 0.0 163.6





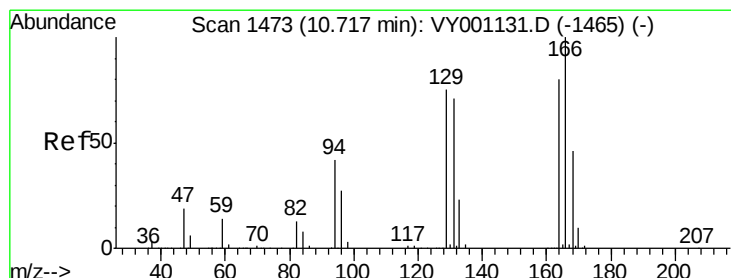
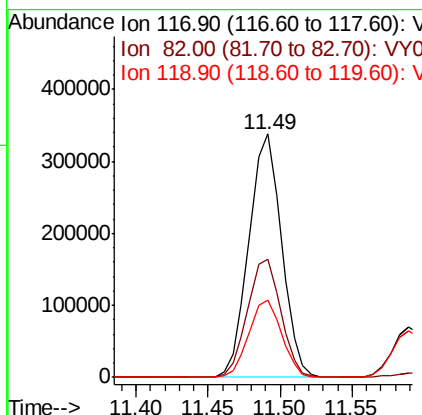
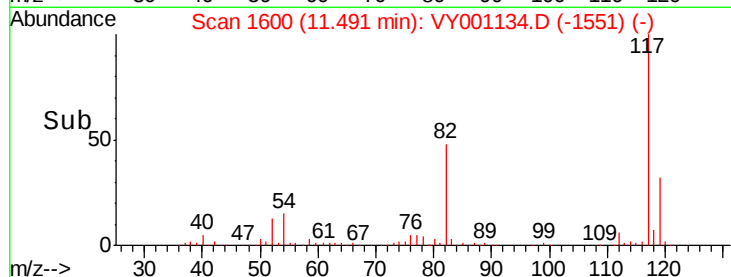
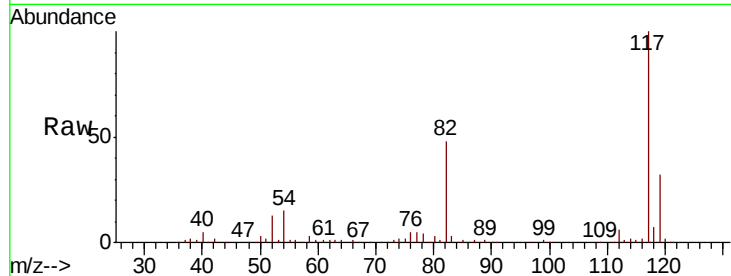
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.5	57.7
119	32.0	25.9	38.9

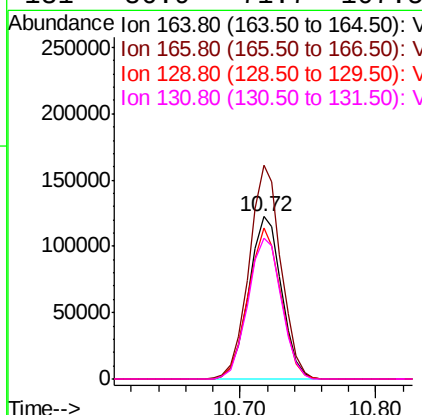
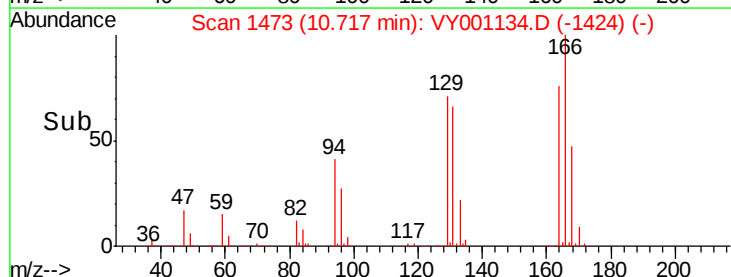
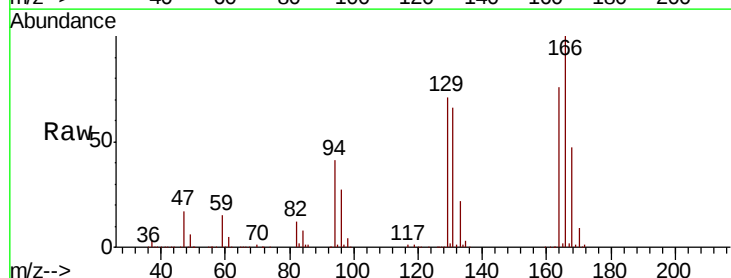
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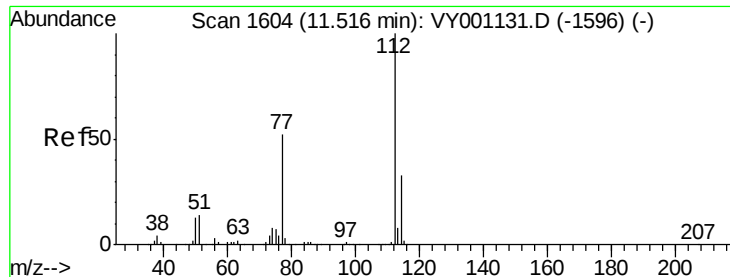
apatel
1/3/2020 11:12:25 AM



#64
Tetrachloroethene
Concen: 41.558 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.7	100.6	151.0
129	93.1	75.0	112.4
131	86.9	71.7	107.5





#65

Chlorobenzene

Concen: 40.817 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion:112 Resp: 460153

Ion Ratio Lower Upper

112 100

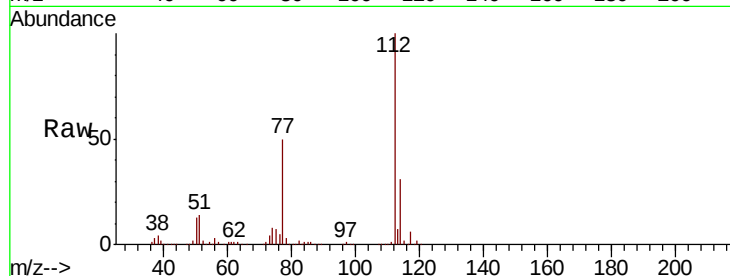
114 31.3 26.5 39.7

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

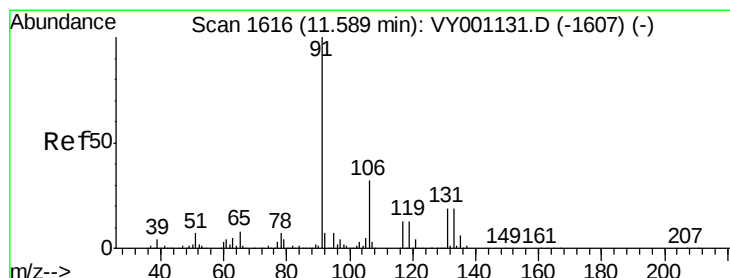
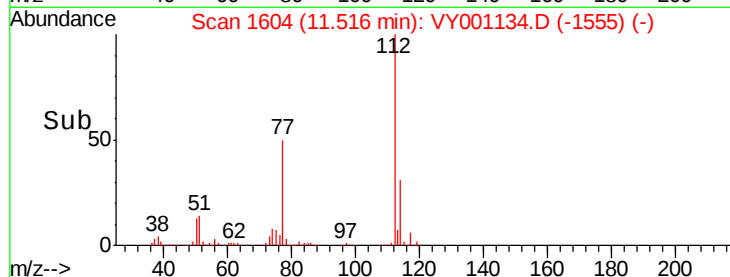
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 39.671 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

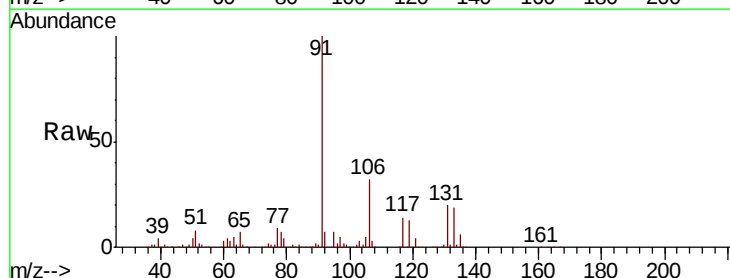
Tgt Ion:131 Resp: 157613

Ion Ratio Lower Upper

131 100

133 97.6 47.3 141.8

119 67.6 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

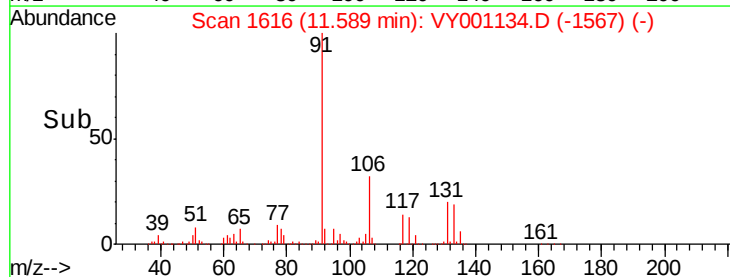
150000

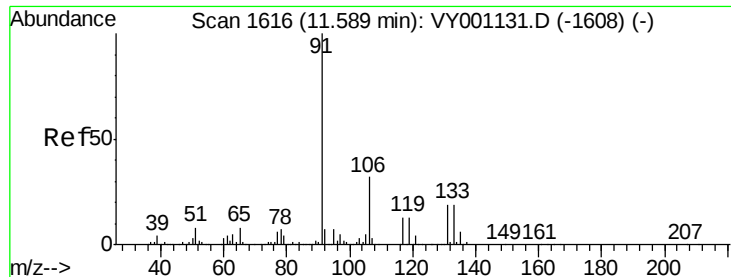
100000

50000

0

Time--> 11.50 11.60





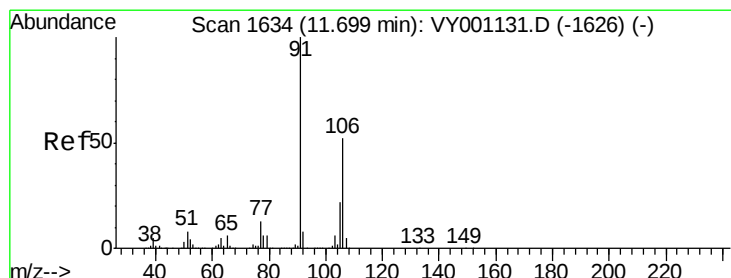
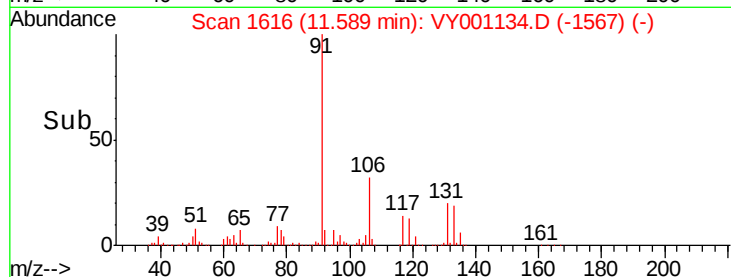
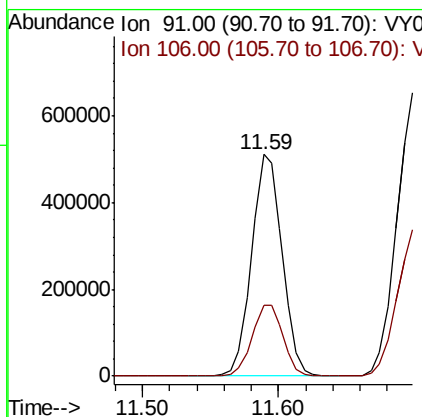
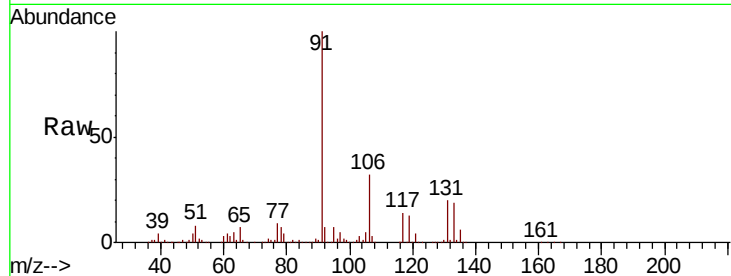
#67
Ethyl Benzene
Concen: 40.884 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampled :
ICVY010220

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9

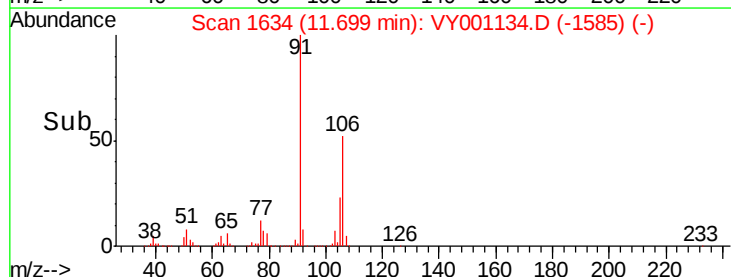
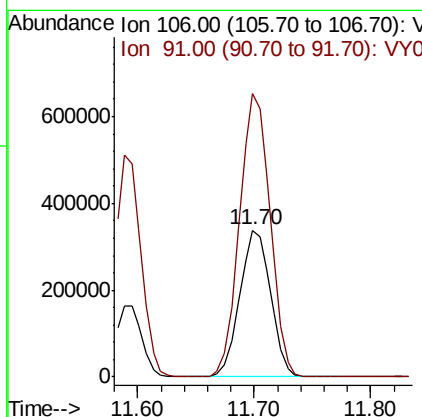
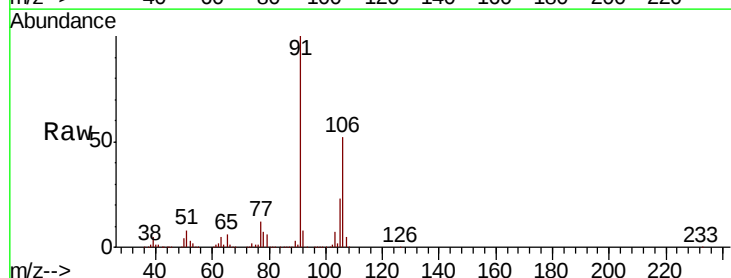
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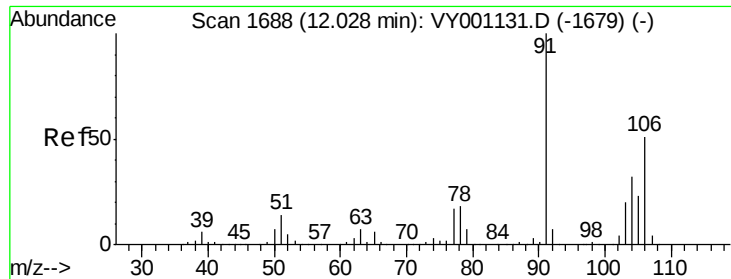
apatel
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#68
m/p-Xylenes
Concen: 80.371 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	192.1	154.3	231.5





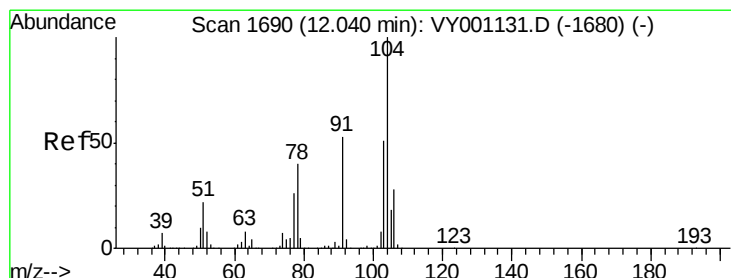
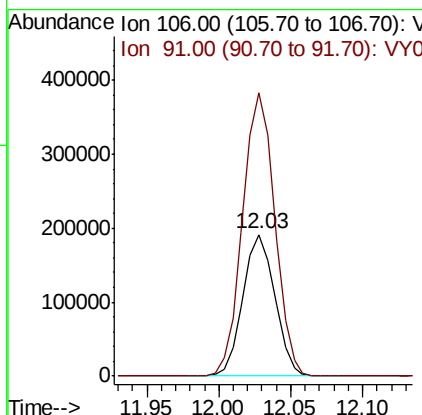
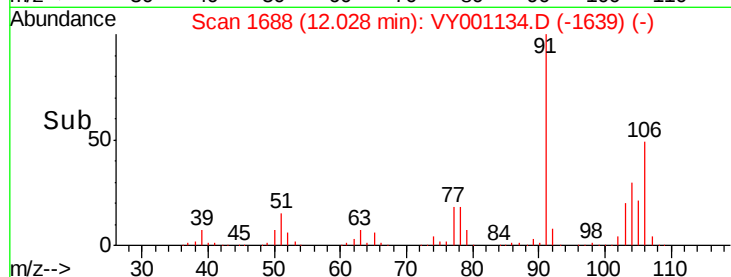
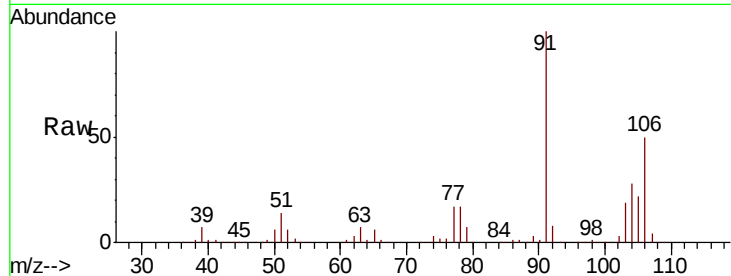
#69
o-Xylene
Concen: 39.924 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampled :
ICVY010220

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.6	100.8	302.4

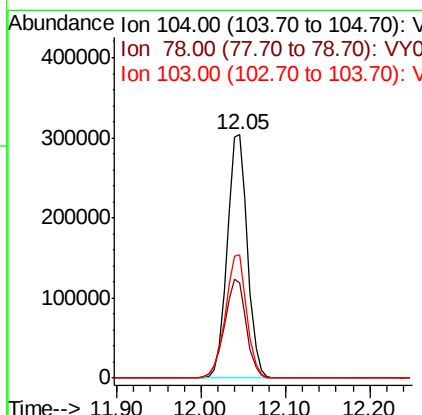
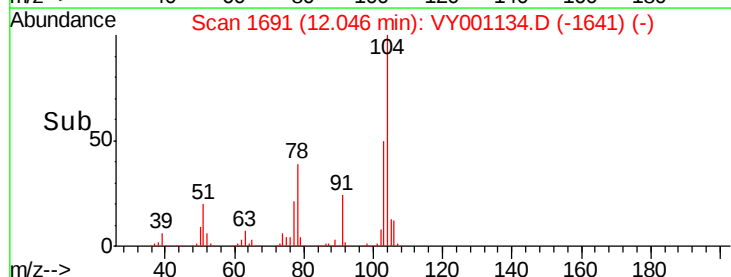
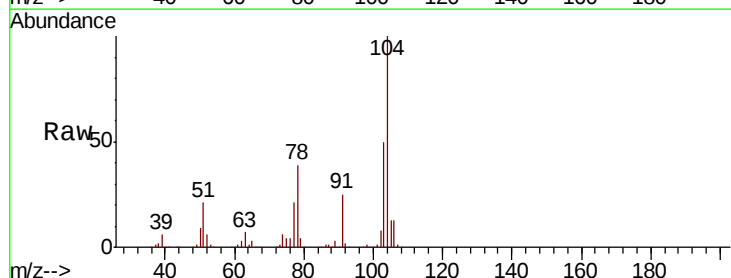
Manual Integrations
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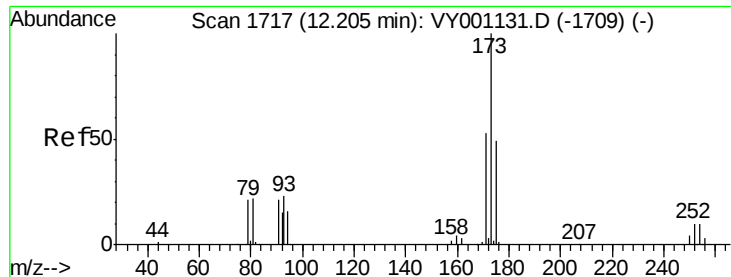
apatel
1/3/2020 11:12:25 AM



#70
Styrene
Concen: 39.808 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	43.8	34.7	52.1
103	53.5	42.6	64.0





#71

Bromoform

Concen: 39.094 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

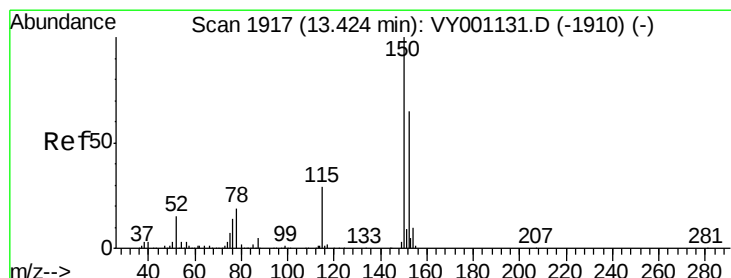
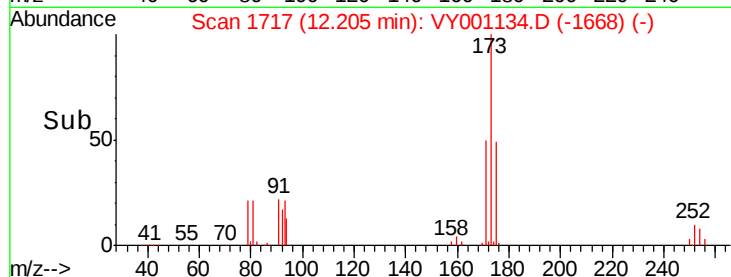
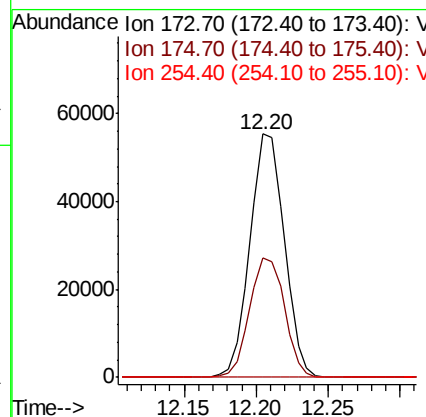
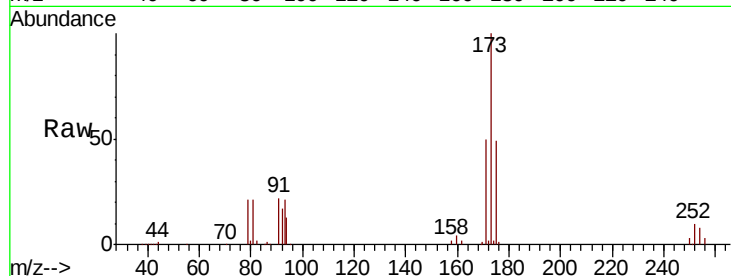
ClientSampleId :

ICVY010220

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

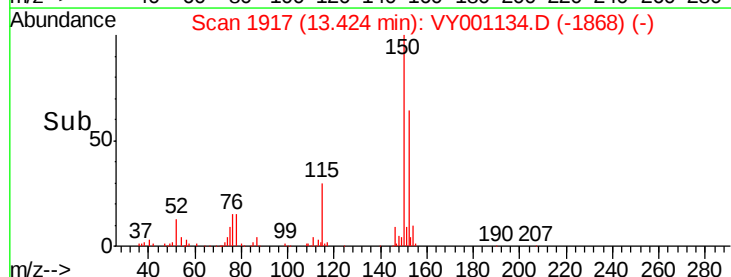
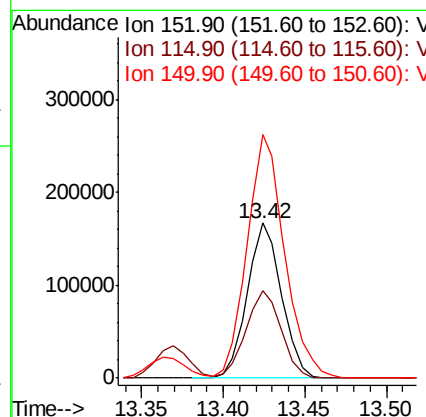
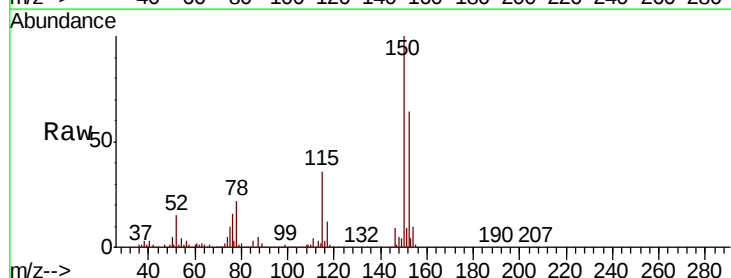
RT: 13.42 min Scan# 1917

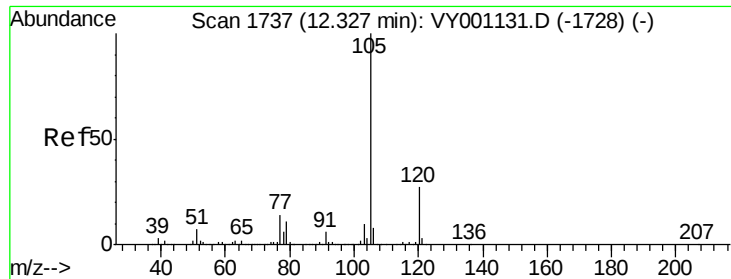
Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	27.7	83.0
150	172.4	0.0	342.6





#73

Isopropylbenzene

Concen: 42.177 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampled :

ICVY010220

Tot Ion: 105 Resp: 773388

Ion Ratio Lower Upper

105 100

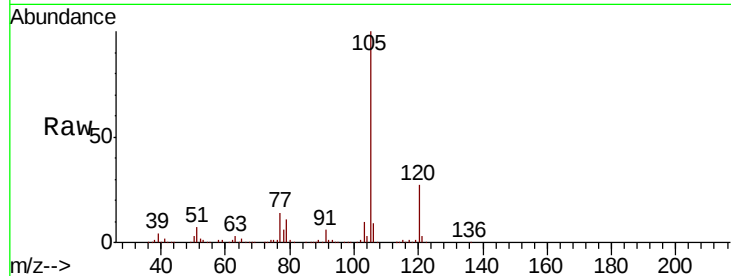
120 27.4 13.9 41.7

Manual Integrations

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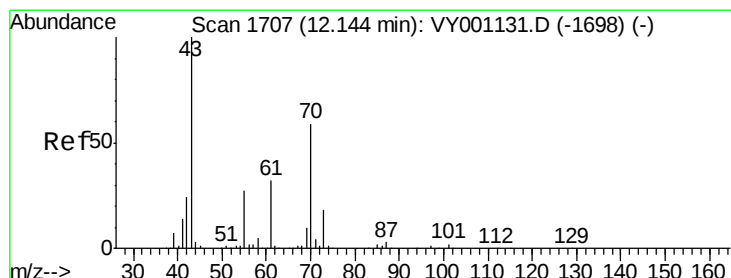
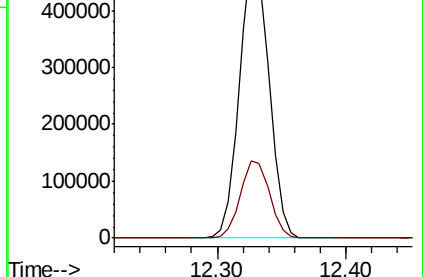
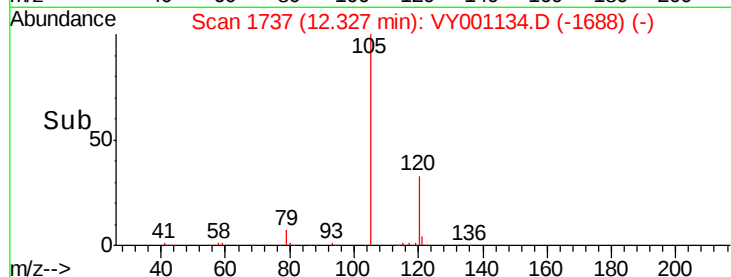


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

Time-->



#74

N-ethyl acetate

Concen: 43.390 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion: 43 Resp: 150857

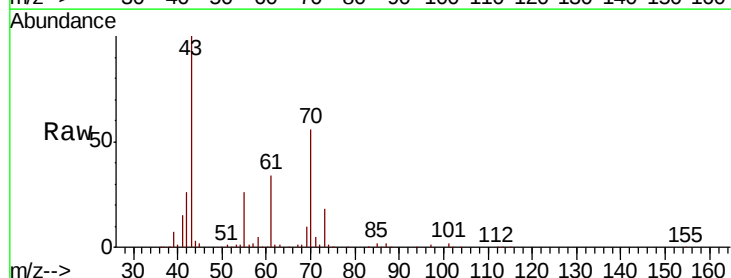
Ion Ratio Lower Upper

43 100

70 56.5 46.2 69.4

55 26.2 21.3 31.9

61 31.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

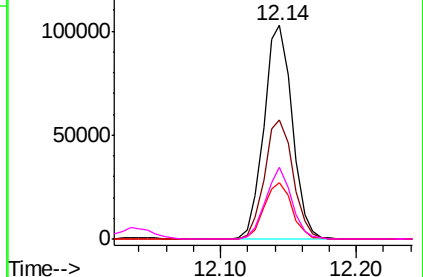
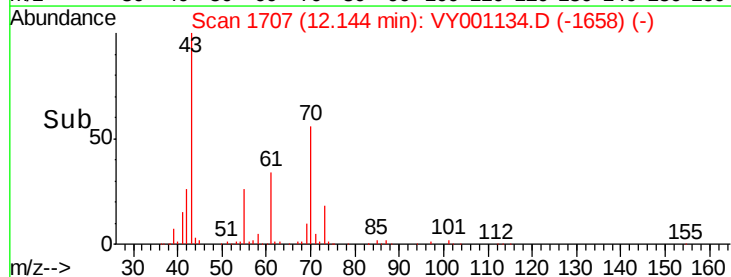
Ion 70.00 (69.70 to 70.70): VY0

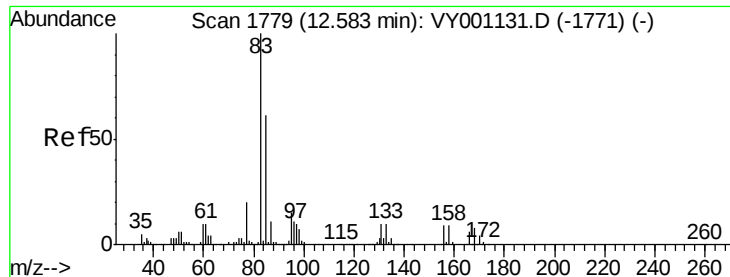
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 41.704 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

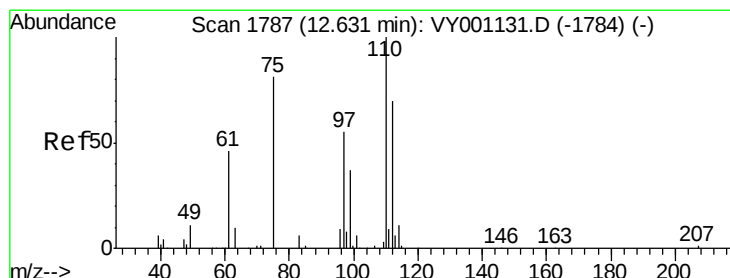
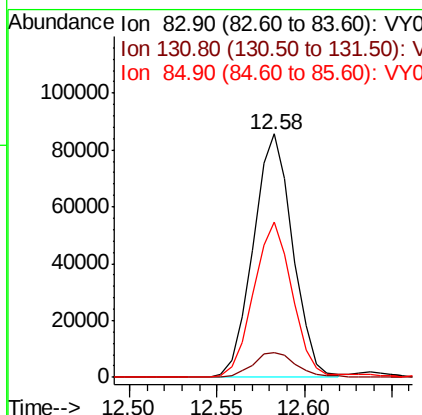
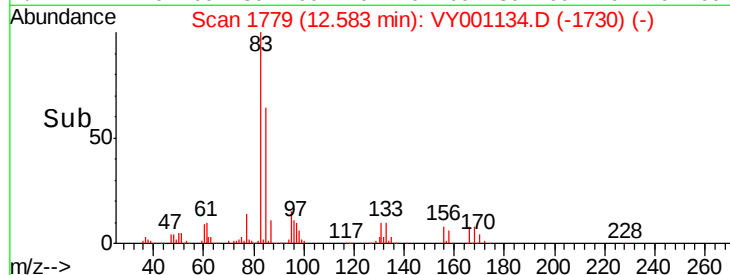
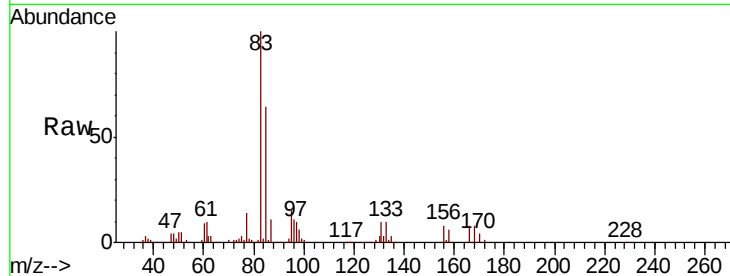
ClientSampleId :

ICVY010220

Tot Ion:	83	Resp:	135156
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.7
85	62.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 40.160 ug/l m

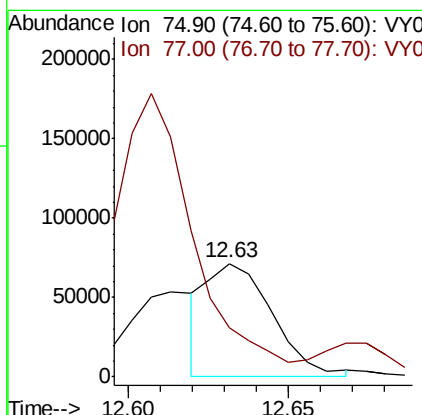
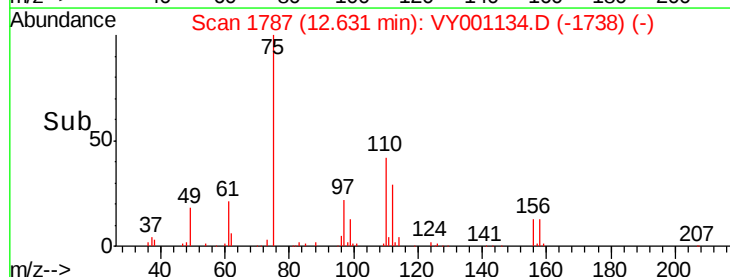
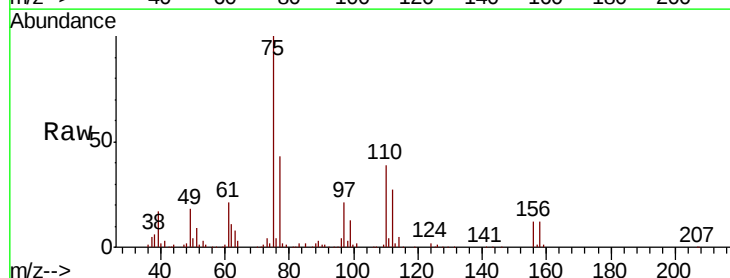
RT: 12.63 min Scan# 1787

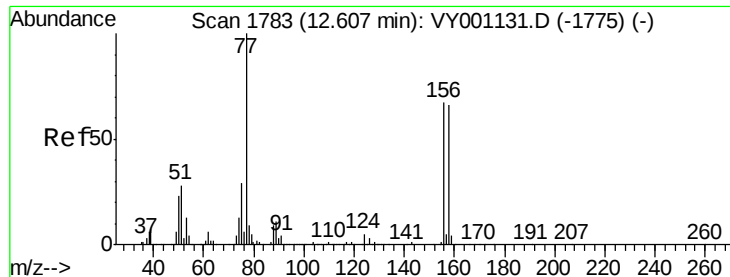
Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	75	Resp:	103299
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 41.715 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

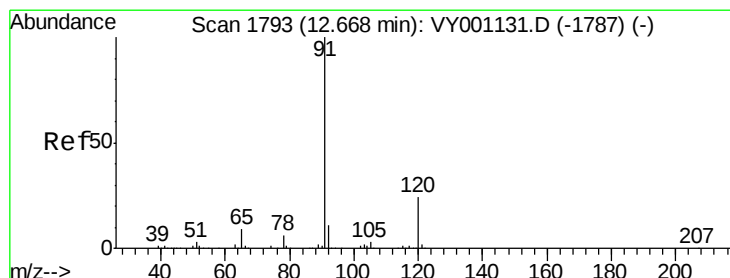
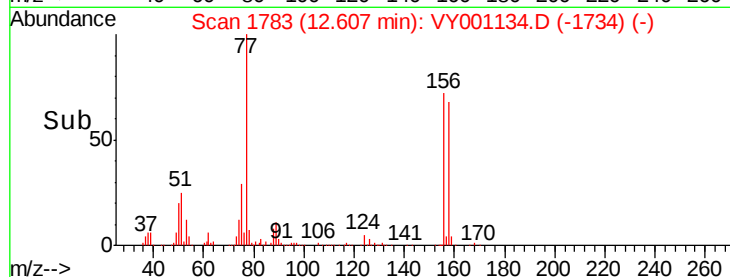
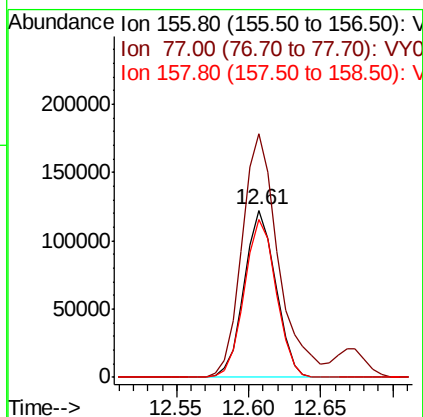
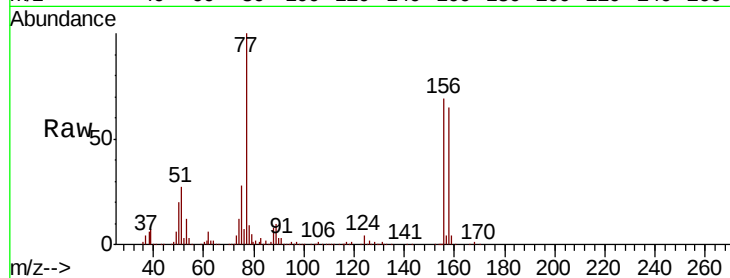
ClientSampleId :

ICVY010220

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	169.0	85.9	257.7	
158	95.3	49.7	149.1	

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#78

n-propylbenzene

Concen: 41.911 ug/l

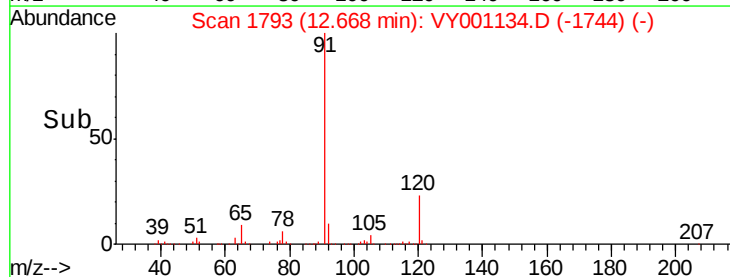
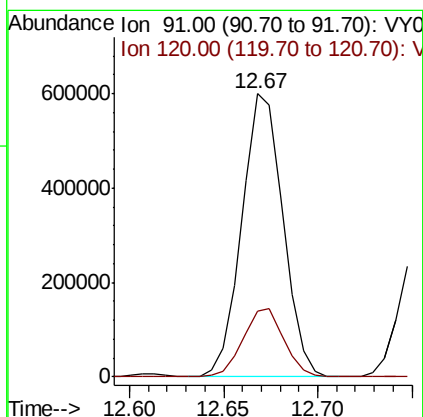
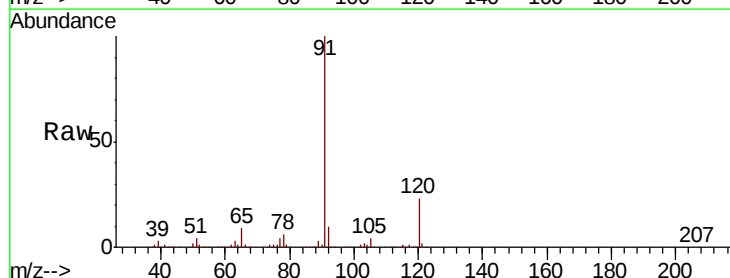
RT: 12.67 min Scan# 1793

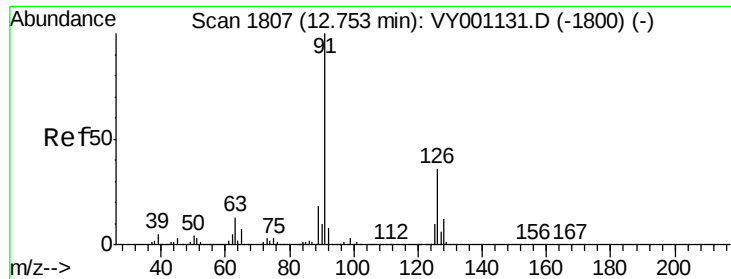
Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.0	12.2	36.4	





#79

2-Chlorotoluene

Concen: 41.709 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

ICVY010220

Tot Ion: 91 Resp: 500467

Ion Ratio Lower Upper

91 100

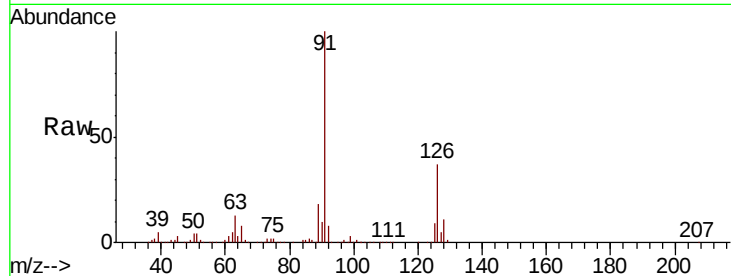
126 36.3 18.3 54.8

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Abundance Ion 91.00 (90.70 to 91.70): VY001131.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001131.D (-1800) (-)

600000

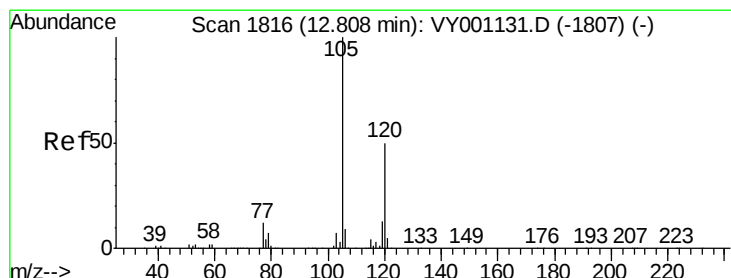
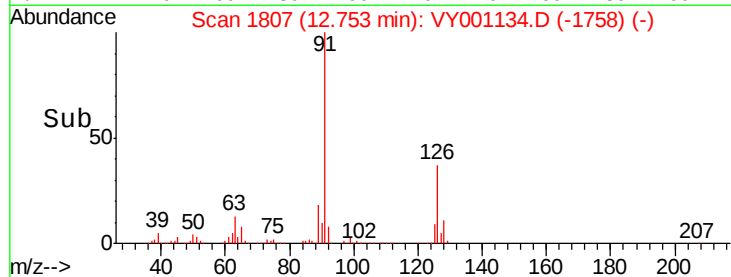
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 41.672 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001134.D

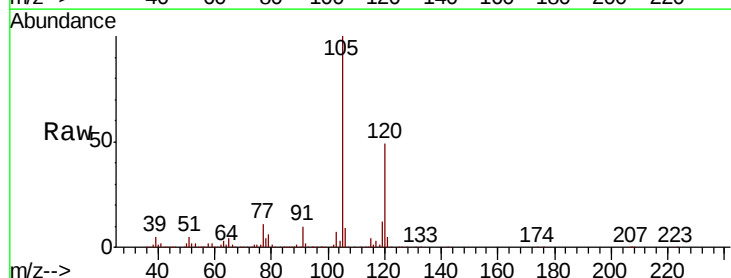
Acq: 02 Jan 2020 14:47

Tgt Ion: 105 Resp: 646450

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VY001131.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY001131.D (-1807) (-)

500000

400000

300000

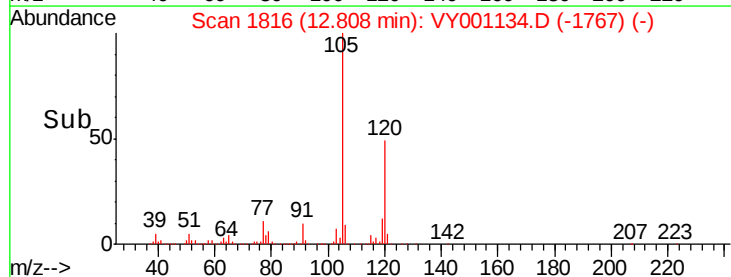
200000

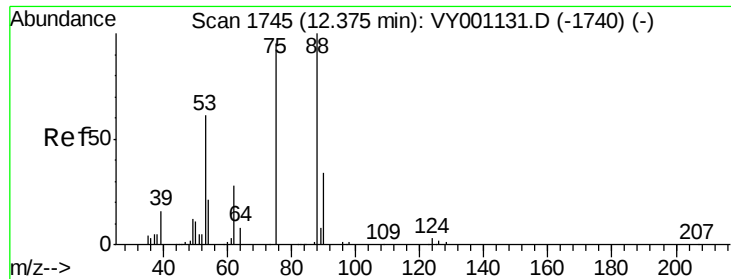
100000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.331 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

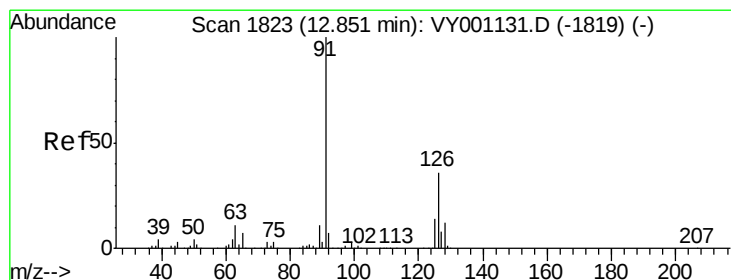
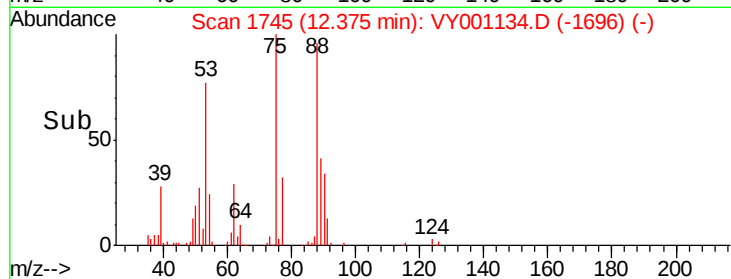
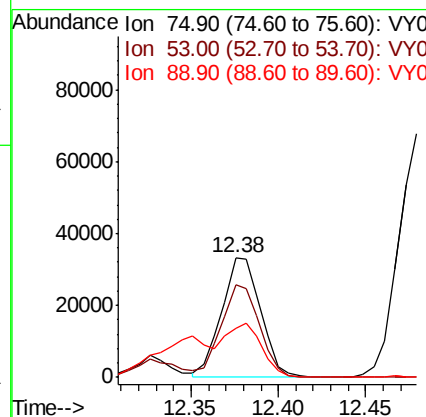
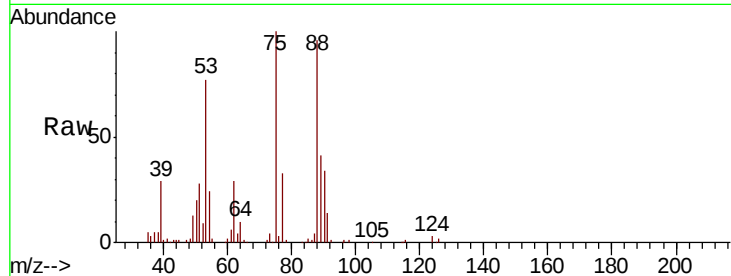
ClientSampleId :

ICVY010220

Tot Ion:	75	Resp:	51284
Ion	Ratio	Lower	Upper
75	100		
53	76.8	55.6	83.4
89	42.1	34.7	52.1

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#82

4-Chlorotoluene

Concen: 42.042 ug/l

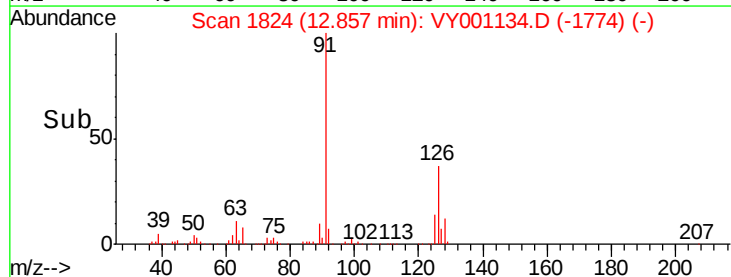
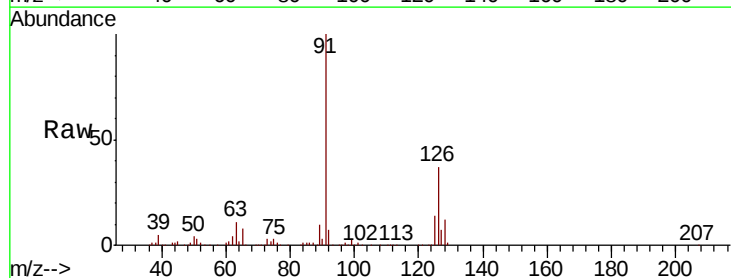
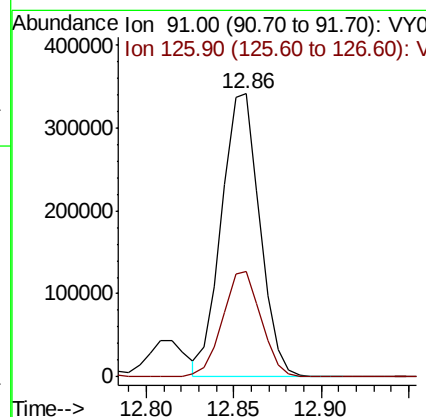
RT: 12.86 min Scan# 1824

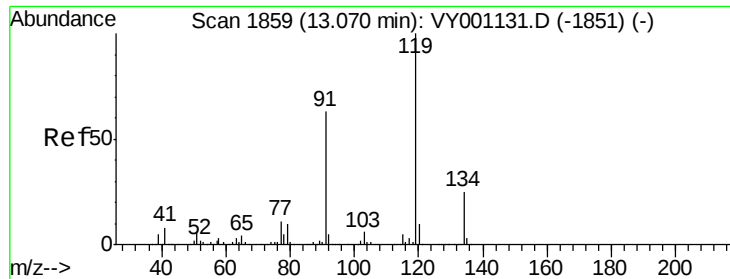
Delta R.T. 0.01 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Tgt Ion:	91	Resp:	518525
Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.6	56.0





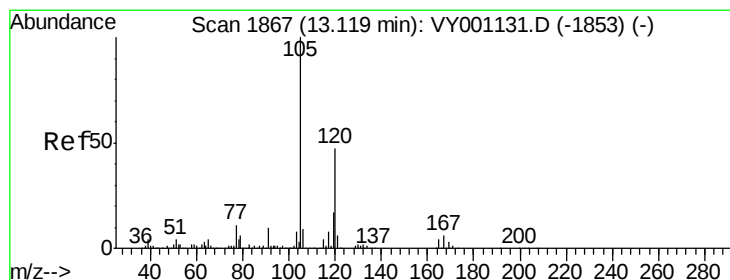
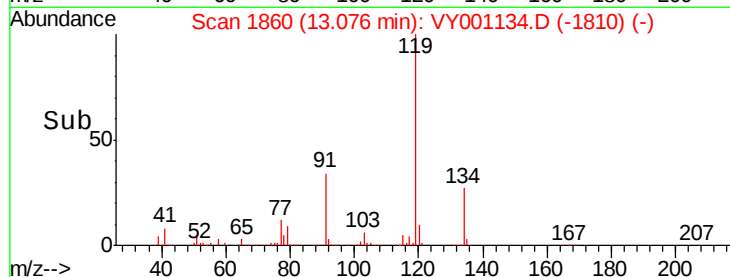
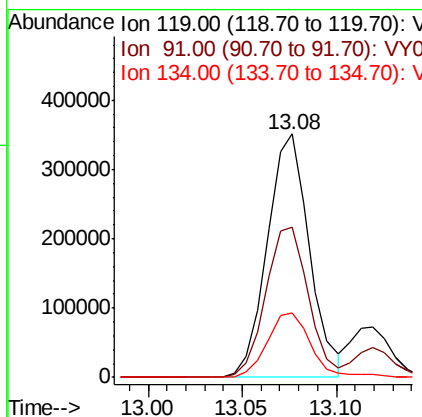
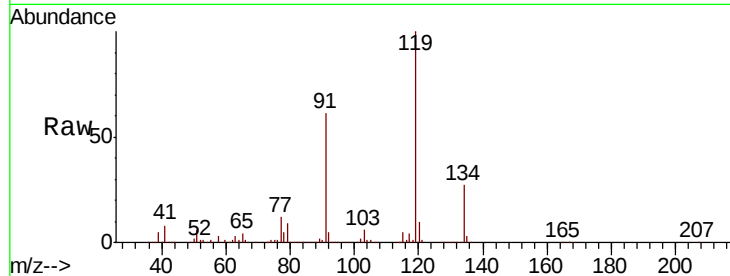
#83
tert-Butylbenzene
Concen: 41.195 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Resp	Lower	Upper
119	100	544519		
91	62.1		30.9	92.7
134	27.4		13.2	39.5

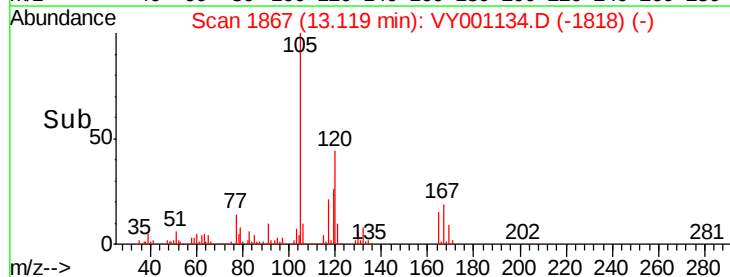
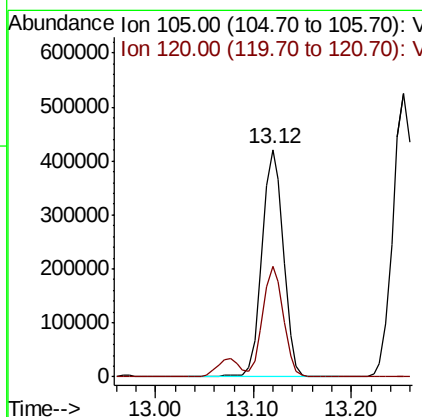
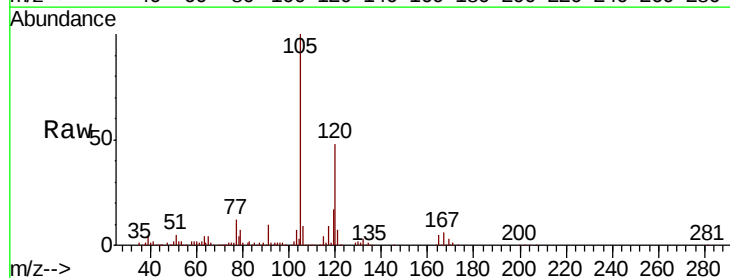
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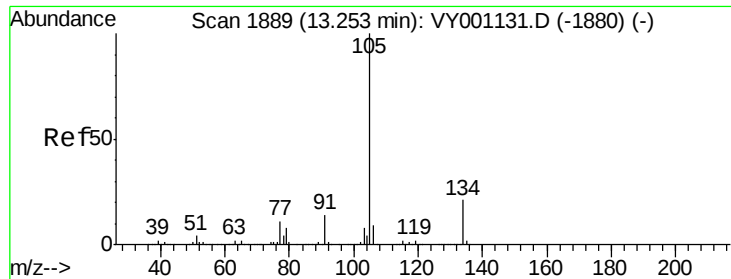
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#84
1,2,4-Trimethylbenzene
Concen: 41.035 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	637338		
120	46.8		24.0	72.0





#85

sec-Butylbenzene

Concen: 41.524 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

Instrument :

MSVOA_Y

ClientSampled :

ICVY010220

Tot Ion:105 Resp: 768702

Ion Ratio Lower Upper

105 100

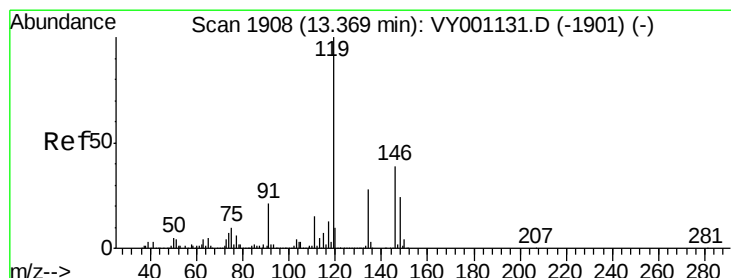
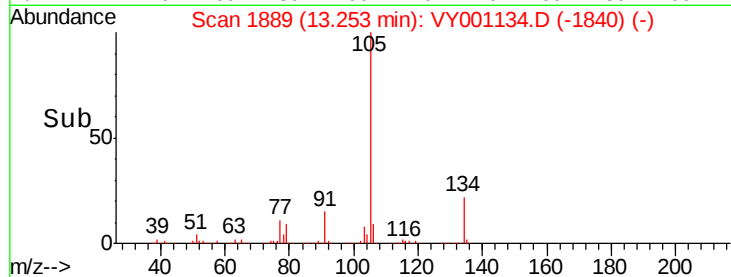
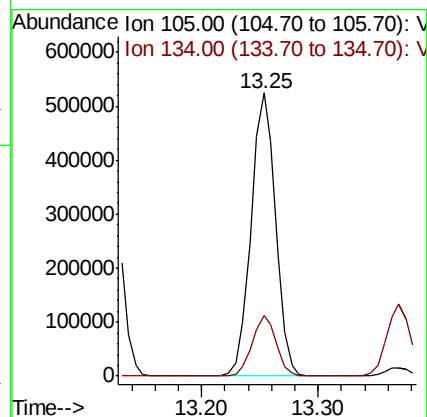
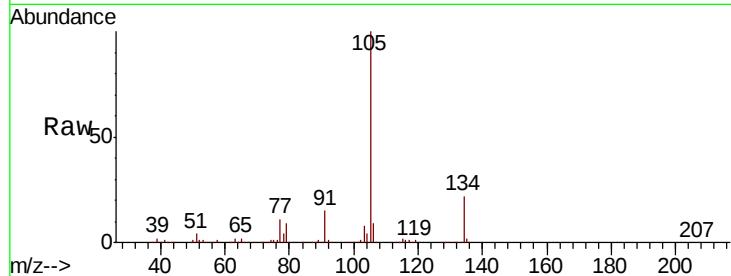
134 21.1 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 41.348 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY001134.D

Acq: 02 Jan 2020 14:47

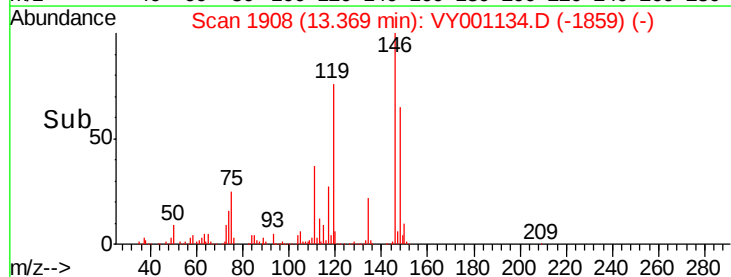
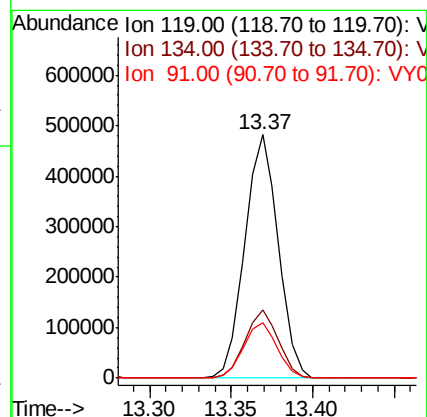
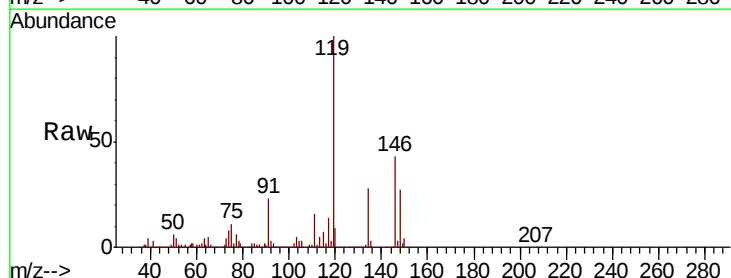
Tgt Ion:119 Resp: 689325

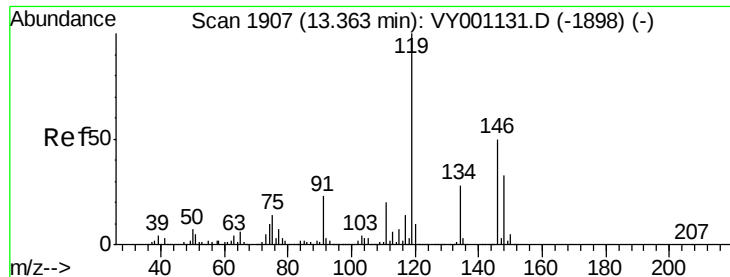
Ion Ratio Lower Upper

119 100

134 27.7 13.8 41.3

91 22.8 11.1 33.1





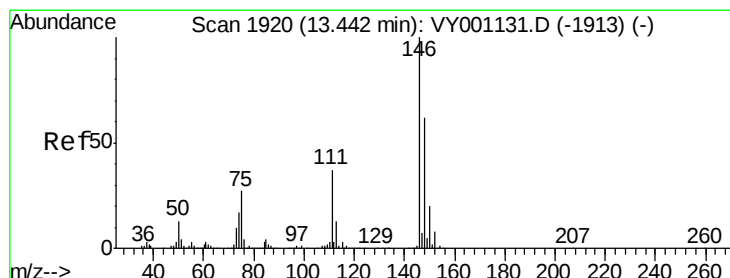
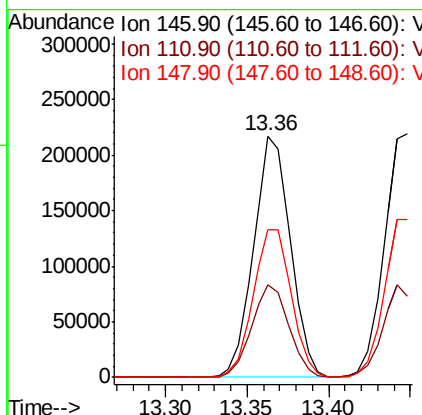
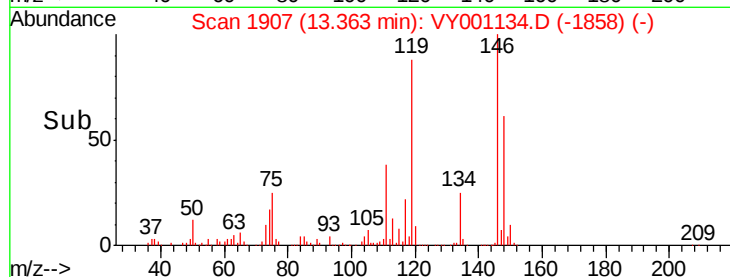
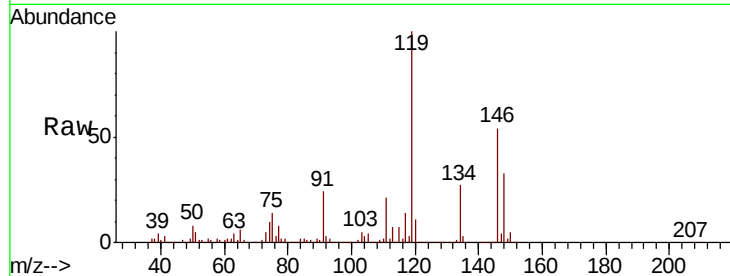
#87
1,3-Dichlorobenzene
Concen: 40.950 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.4	31.9	95.7

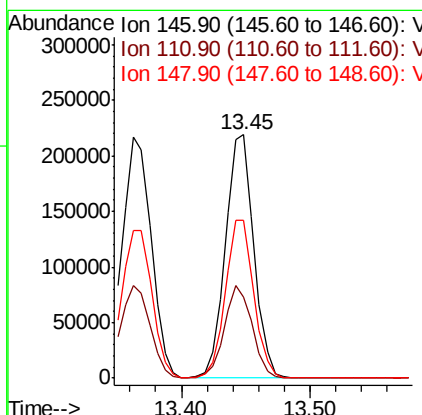
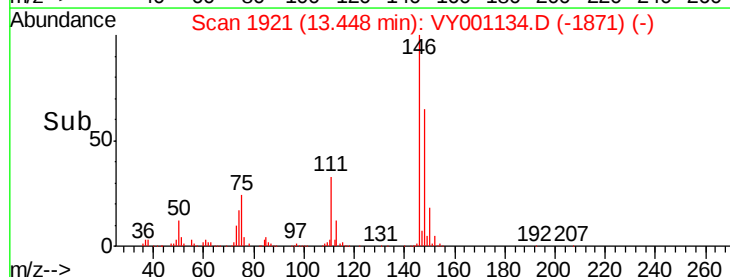
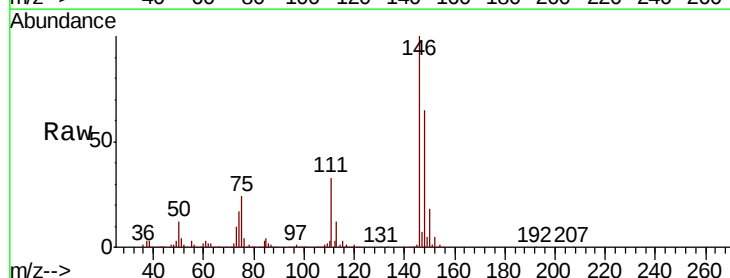
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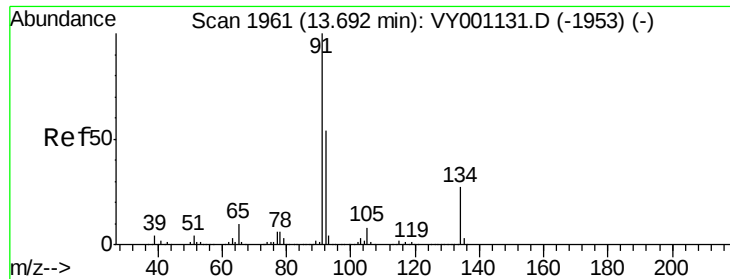
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#88
1,4-Dichlorobenzene
Concen: 40.508 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.3
148	64.8	32.0	96.0





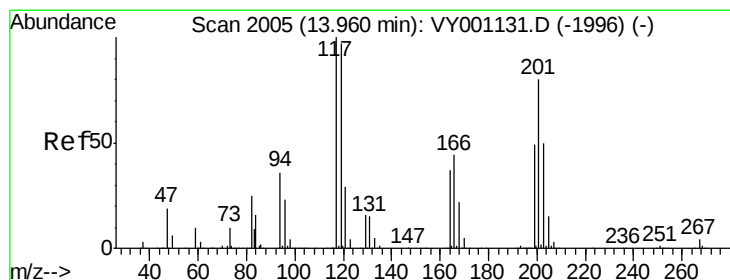
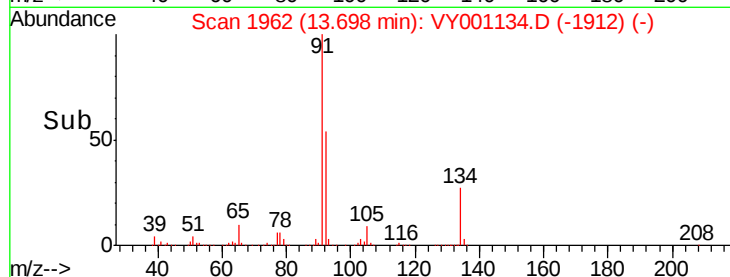
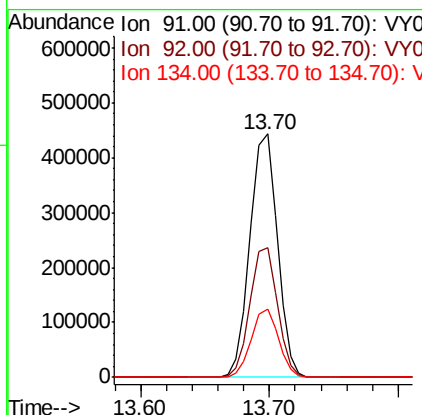
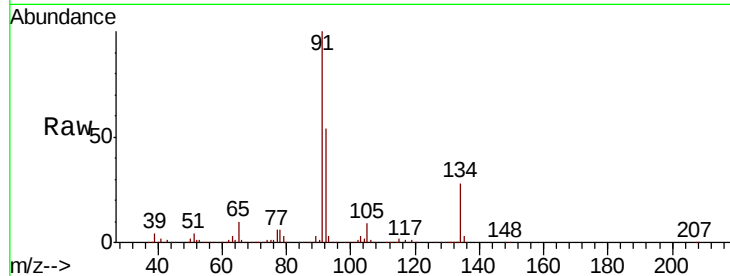
#89
n-Butylbenzene
Concen: 41.696 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	27.9	14.1	42.4

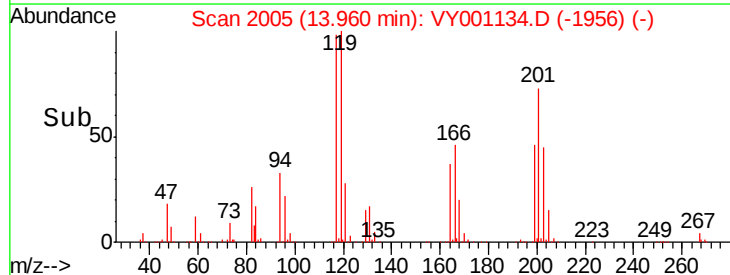
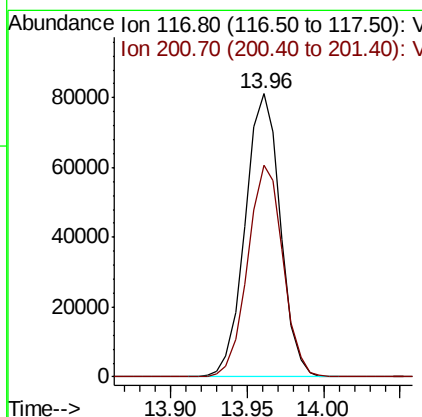
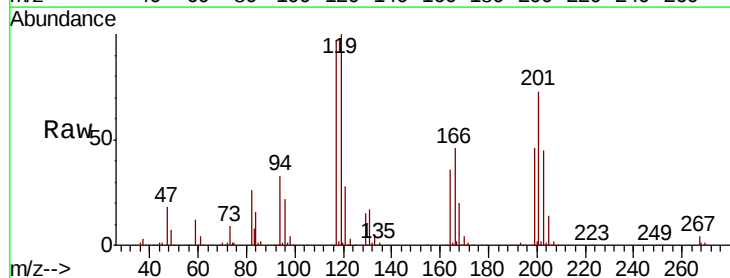
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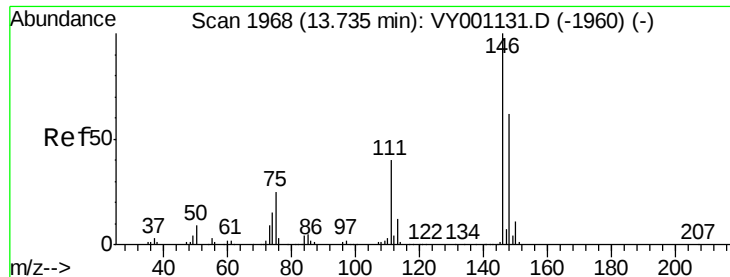
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#90
Hexachloroethane
Concen: 41.834 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.0	114.0





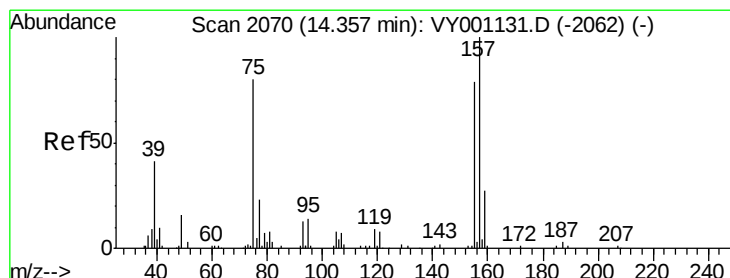
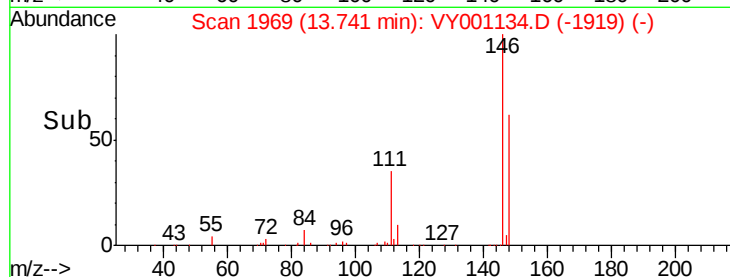
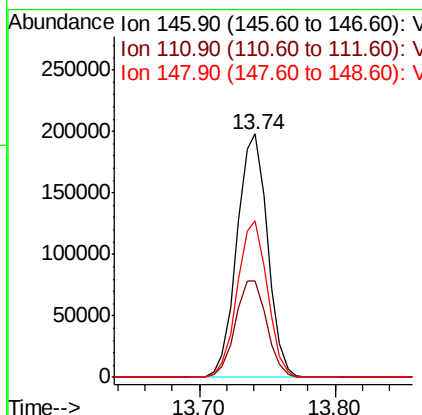
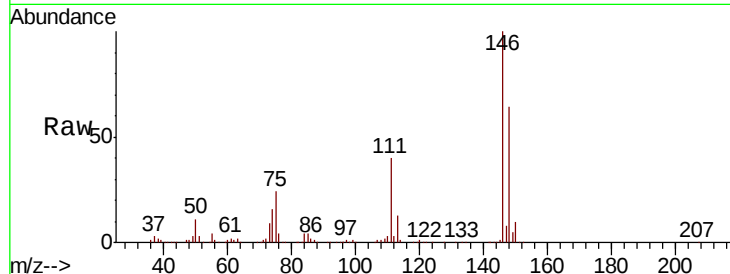
#91
 1,2-Dichlorobenzene
 Concen: 40.780 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010220

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.3
148	63.4	31.9	95.5

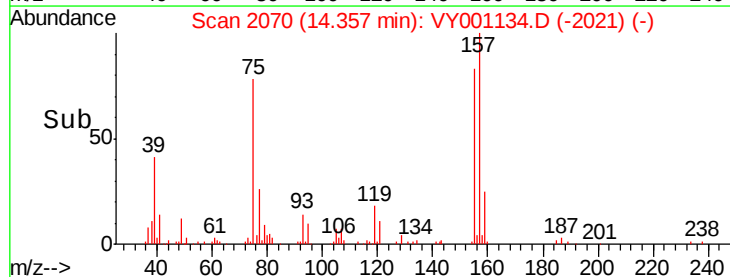
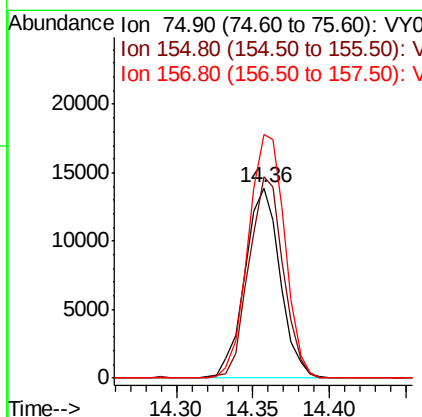
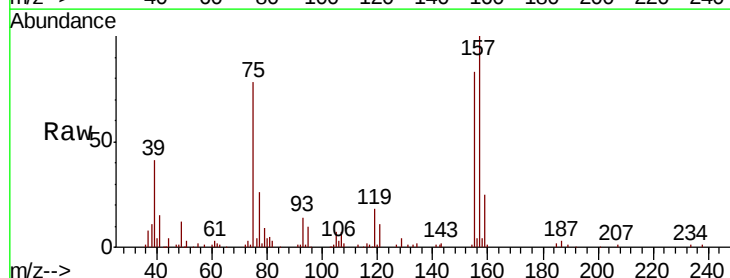
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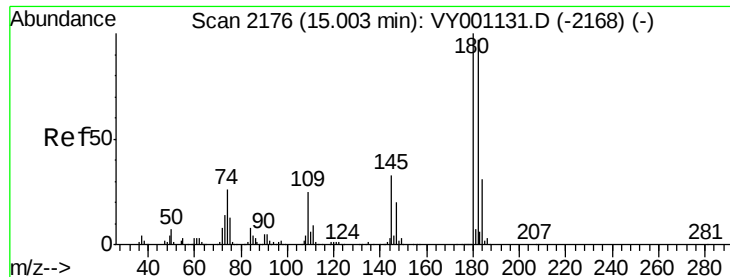
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.990 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.8	50.4	151.3
157	132.4	64.0	192.0





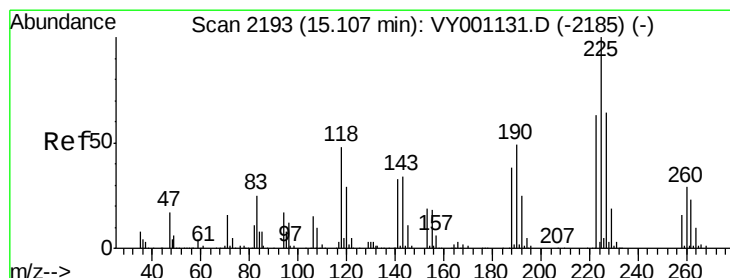
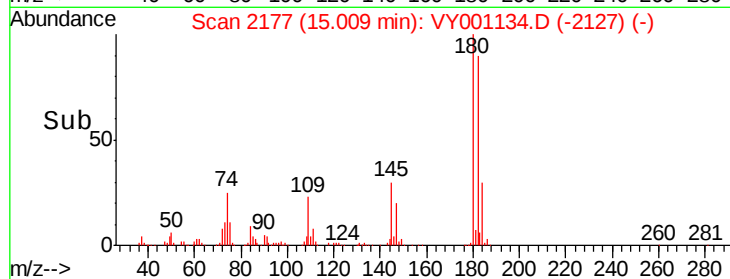
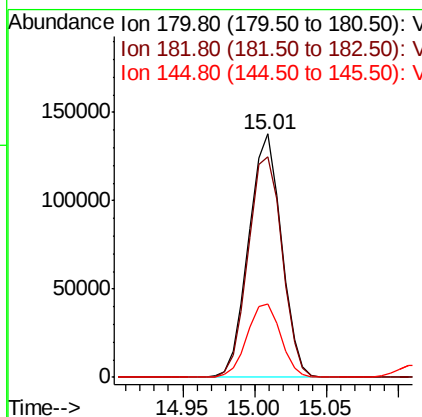
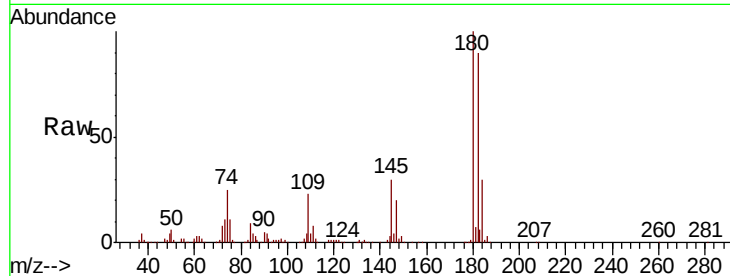
#93
 1,2,4-Trichlorobenzene
 Concen: 41.390 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010220

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216956		
182	93.9	48.6	145.8	
145	31.0	16.1	48.3	

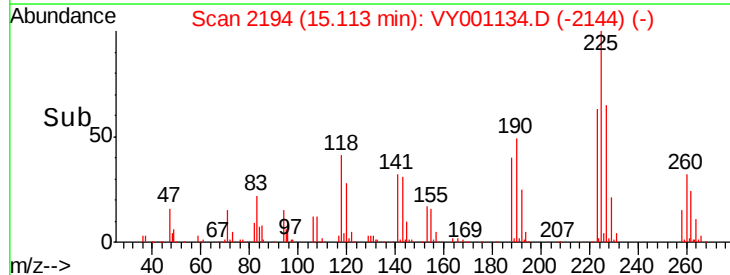
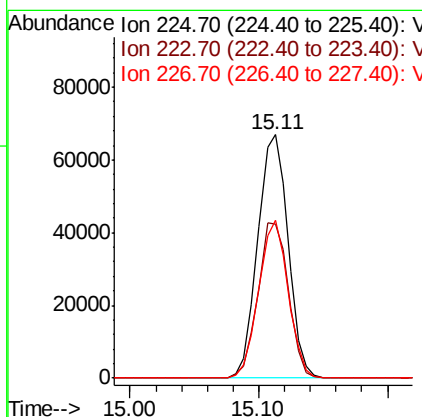
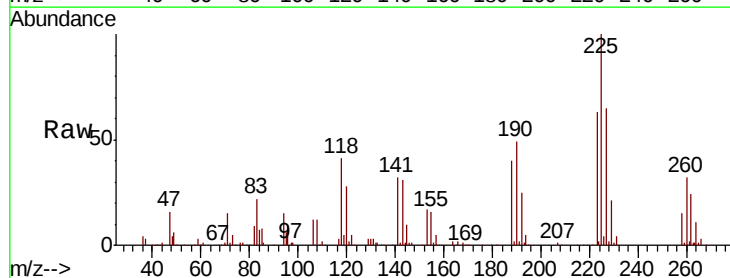
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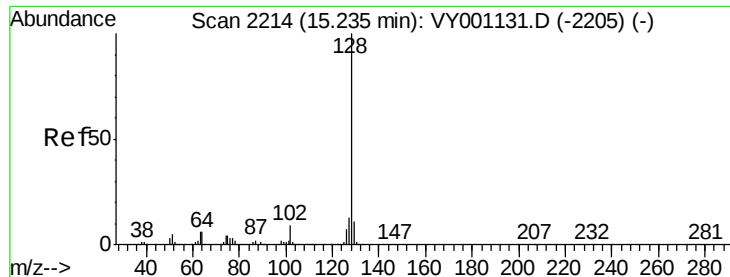
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#94
 Hexachlorobutadiene
 Concen: 40.842 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001134.D
 Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108425		
223	64.3	31.8	95.3	
227	63.3	32.6	97.7	





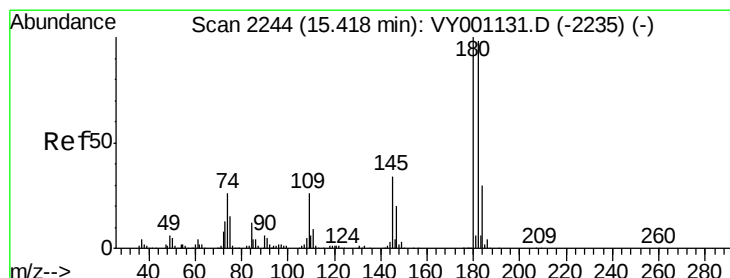
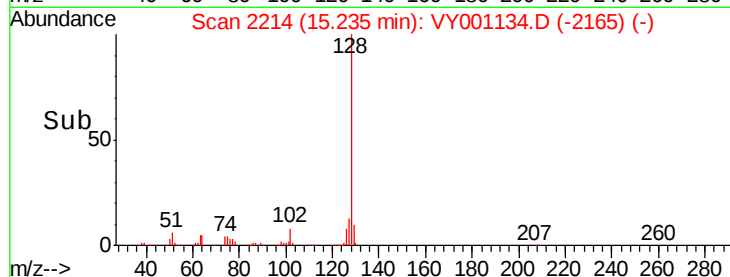
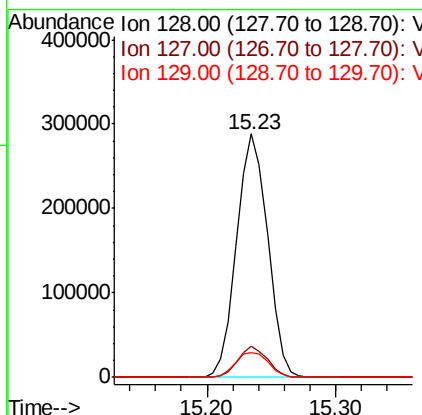
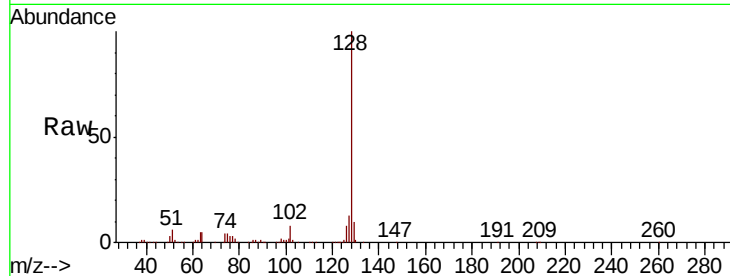
#95
Naphthalene
Concen: 40.210 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
ICVY010220

Tot Ion	Ratio	Resp	Lower	Upper
128	100	480989		
127	12.4		10.1	15.1
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 40.575 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001134.D
Acq: 02 Jan 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190322		
182	97.4		47.8	143.3
145	32.7		16.5	49.5

