

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001022.D
 Acq On : 23 Dec 2019 12:26
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:06:05 AM

Quant Time: Dec 24 04:47:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242254	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	176463	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	7.72	113	183117	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.18	98	762200	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	
62) 4-Bromofluorobenzene	12.48	95	249633	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	148107	48.931	ug/l	96
3) Chloromethane	2.12	50	197055	47.834	ug/l	96
4) Vinyl Chloride	2.26	62	192224	48.048	ug/l	99
5) Bromomethane	2.65	94	121941	48.373	ug/l	100
6) Chloroethane	2.79	64	119650	48.018	ug/l	97
7) Trichlorofluoromethane	3.13	101	285709	48.690	ug/l	95
8) Diethyl Ether	3.54	74	114648	47.864	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	188671	48.948	ug/l	98
10) Methyl Iodide	4.09	142	267920	50.308	ug/l	99
11) Tert butyl alcohol	4.96	59	85411	226.736	ug/l	99
12) 1,1-Dichloroethene	3.88	96	195683	50.144	ug/l	92
13) Acrolein	3.74	56	117359	251.443	ug/l	99
14) Allyl chloride	4.49	41	291446	48.075	ug/l	99
15) Acrylonitrile	5.17	53	287954	240.542	ug/l	99
16) Acetone	3.96	43	177833	225.317	ug/l	100
17) Carbon Disulfide	4.19	76	637444	49.988	ug/l	98
18) Methyl Acetate	4.48	43	135809	44.851	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	486605	48.312	ug/l	95
20) Methylene Chloride	4.72	84	230117	49.534	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	218463	50.514	ug/l	97
22) Diisopropyl ether	6.13	45	568238	46.373	ug/l	99
23) Vinyl Acetate	6.07	43	1834223	237.021	ug/l	100
24) 1,1-Dichloroethane	6.02	63	345323	47.688	ug/l	100
25) 2-Butanone	6.99	43	316520	228.283	ug/l	95
26) 2,2-Dichloropropane	6.99	77	282934	47.557	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	230328	48.476	ug/l	99
28) Bromochloromethane	7.34	49	144557	51.164	ug/l	96
29) Tetrahydrofuran	7.35	42	227031	230.192	ug/l	98
30) Chloroform	7.52	83	330274	48.235	ug/l	100
31) Cyclohexane	7.79	56	353460	46.420	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	285010	48.795	ug/l	98
36) 1,1-Dichloropropene	7.93	75	282831	49.514	ug/l	99
37) Ethyl Acetate	7.08	43	152458	48.202	ug/l	99
38) Carbon Tetrachloride	7.91	117	251400	50.233	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	391097	51.558	ug/l	97
40) Benzene	8.17	78	855216	49.627	ug/l	99
41) Methacrylonitrile	7.32	41	60120m	43.842	ug/l	
42) 1,2-Dichloroethane	8.24	62	202431	49.133	ug/l	100
43) Isopropyl Acetate	8.28	43	281606	48.096	ug/l	99
44) Trichloroethene	8.94	130	223492	49.222	ug/l	100
45) 1,2-Dichloropropane	9.22	63	209110	48.370	ug/l	99
46) Dibromomethane	9.31	93	110614	49.635	ug/l	99
47) Bromodichloromethane	9.50	83	255687	49.532	ug/l	98
48) Methyl methacrylate	9.30	41	119368	47.775	ug/l	95
49) 1,4-Dioxane	9.30	88	31843	976.784	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	724649	237.455	ug/l	100
52) Toluene	10.24	92	529256	49.898	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	281705	50.283	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	332893	49.416	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	163273	49.076	ug/l	94
56) Ethyl methacrylate	10.51	69	239945	50.674	ug/l	98
57) 1,3-Dichloropropane	10.79	76	280881	48.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	434124	237.375	ug/l	99
59) 2-Hexanone	10.83	43	512941	242.913	ug/l	99
60) Dibromochloromethane	10.99	129	180442	50.775	ug/l	100
61) 1,2-Dibromoethane	11.09	107	157778	49.593	ug/l	100
64) Tetrachloroethene	10.72	164	228338	49.745	ug/l	99
65) Chlorobenzene	11.52	112	544288	49.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	183887	50.637	ug/l	98
67) Ethyl Benzene	11.59	91	997309	50.386	ug/l	99
68) m/p-Xylenes	11.70	106	756645	100.679	ug/l	100
69) o-Xylene	12.03	106	359994	50.917	ug/l	99
70) Styrene	12.04	104	617437	51.359	ug/l	99
71) Bromoform	12.20	173	104600	51.729	ug/l #	99
73) Isopropylbenzene	12.33	105	949773	50.663	ug/l	99
74) N-amyl acetate	12.14	43	244037	49.551	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	180779	48.950	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	123796m	41.452	ug/l	
77) Bromobenzene	12.61	156	210978	50.040	ug/l	99
78) n-propylbenzene	12.67	91	1162233	50.879	ug/l	99
79) 2-Chlorotoluene	12.75	91	628602	49.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	786301	51.170	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	71309	50.924	ug/l	99
82) 4-Chlorotoluene	12.85	91	648209	49.471	ug/l	100
83) tert-Butylbenzene	13.07	119	651563	50.512	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	775160	50.199	ug/l	100
85) sec-Butylbenzene	13.25	105	964925	50.742	ug/l	99
86) p-Isopropyltoluene	13.36	119	845279	51.370	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	413181	51.025	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	411539	50.380	ug/l	99
89) n-Butylbenzene	13.69	91	850191	51.355	ug/l	99
90) Hexachloroethane	13.95	117	160660	51.824	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	374092	50.082	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	30144	48.786	ug/l	98

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QLast Update : Mon Dec 23 12:07:44 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	260732	51.714	ug/l	99
94) Hexachlorobutadiene	15.11	225	122407	51.019	ug/l	100
95) Naphthalene	15.23	128	615790	51.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	234742	52.208	ug/l	98

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

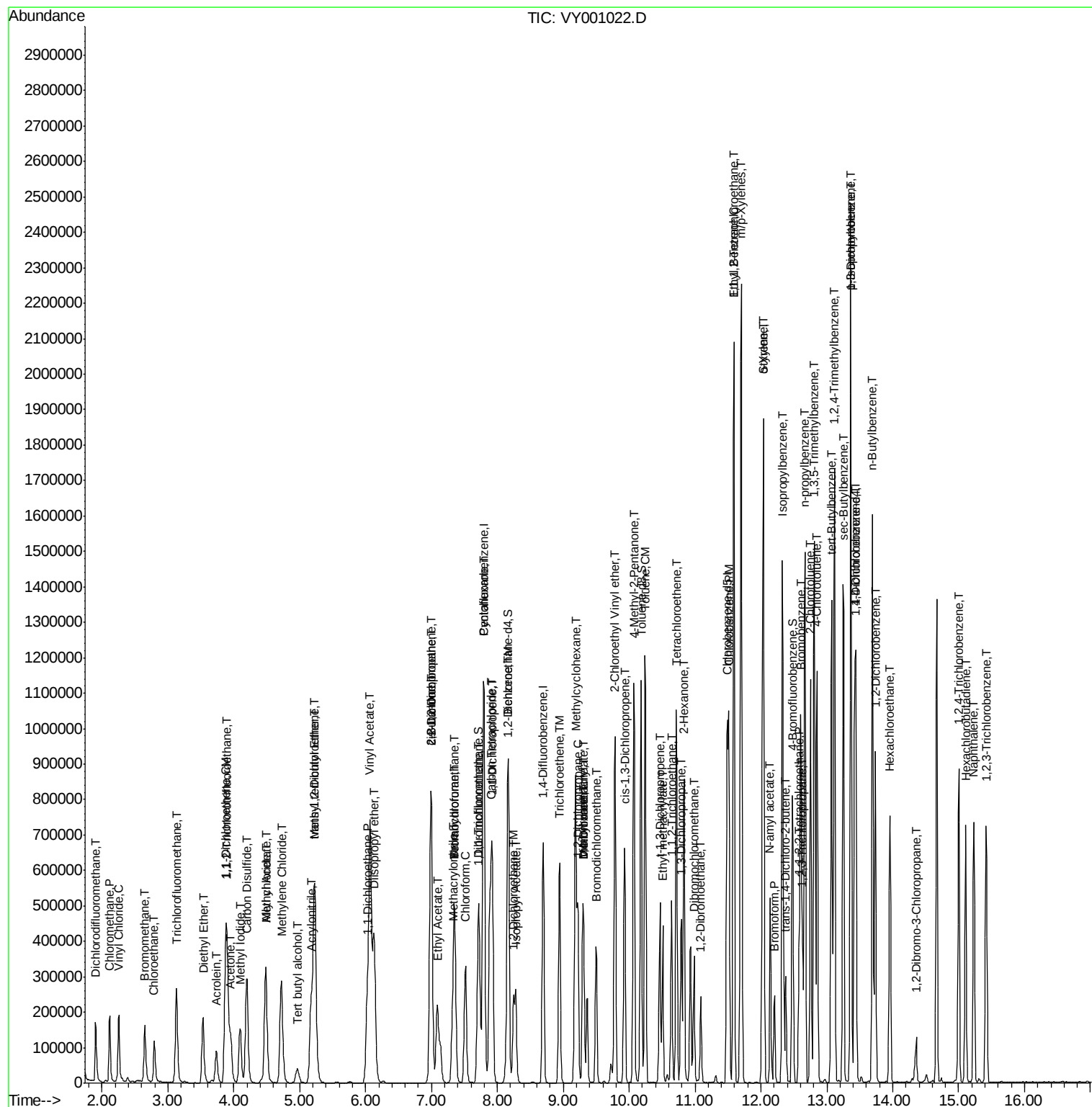
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 Acq On : 23 Dec 2019 12:26
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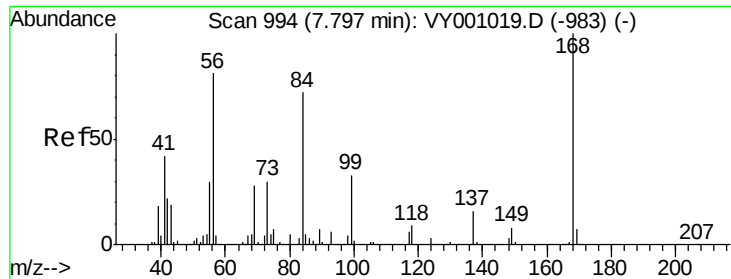
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122319

Tot Ion:168 Resp: 347366

Ion Ratio Lower Upper

168 100

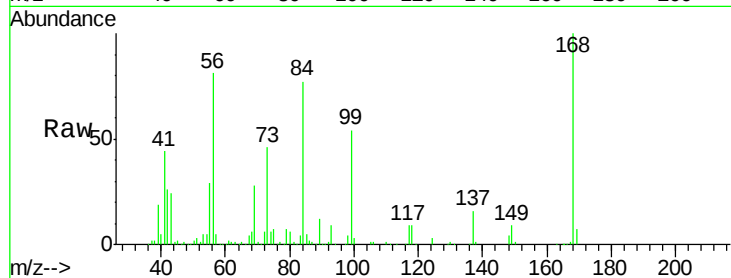
99 53.9 44.0 66.0

Manual Integrations

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

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

7.80

150000

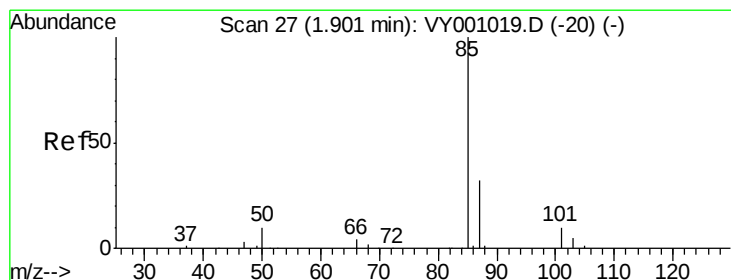
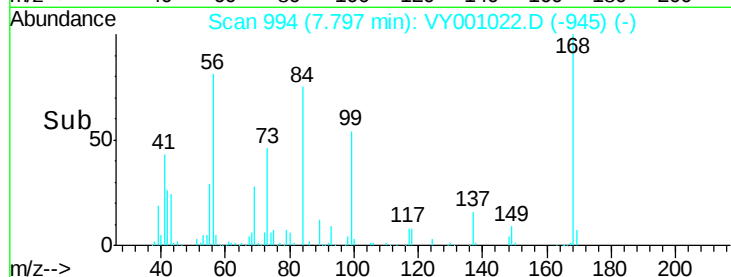
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.931 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001022.D

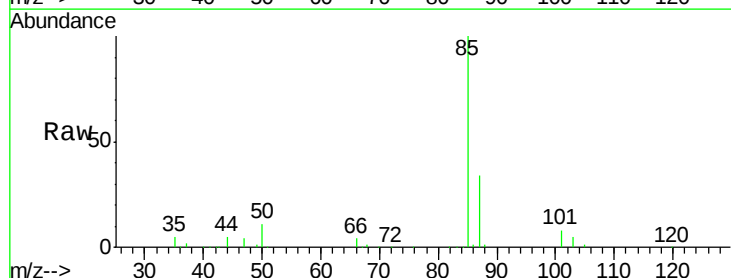
Acq: 23 Dec 2019 12:26

Tgt Ion: 85 Resp: 148107

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.7



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

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

1.90

100000

80000

60000

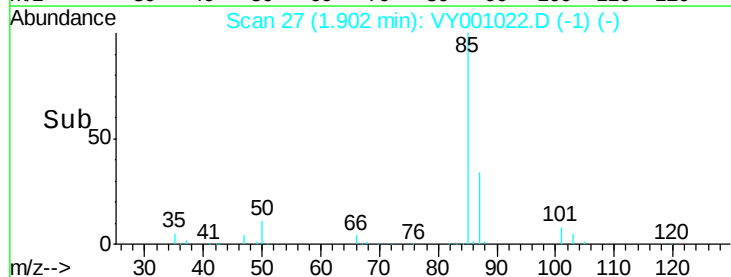
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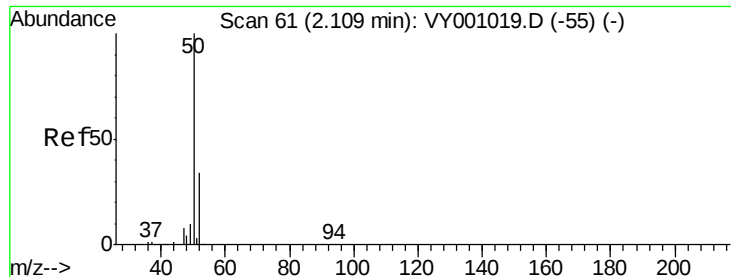
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.834 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 50 Resp: 197055

Ion Ratio Lower Upper

50 100

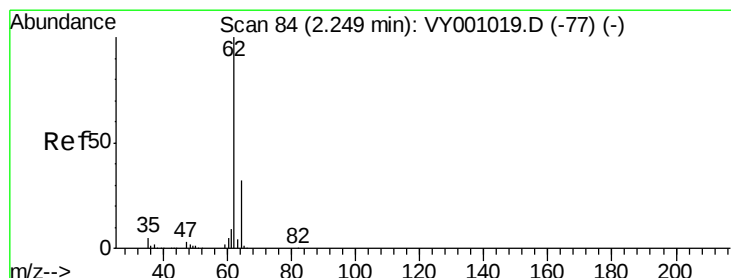
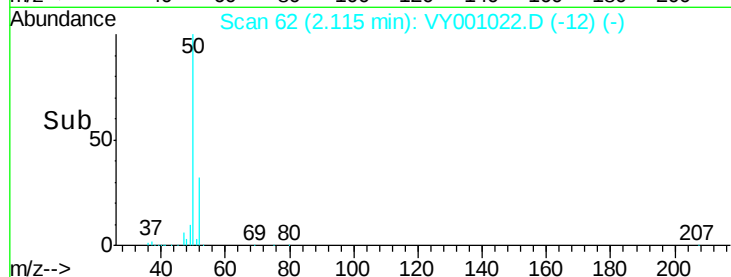
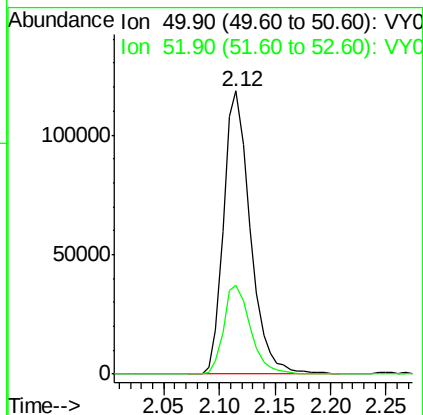
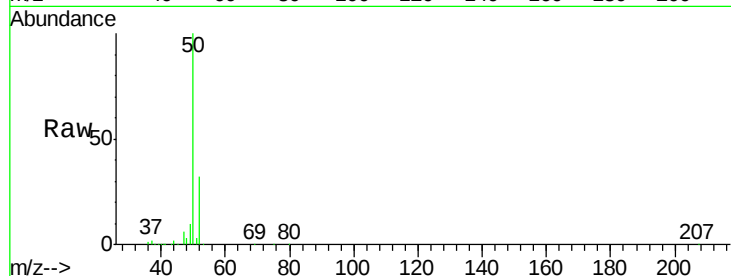
52 31.6 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.048 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001022.D

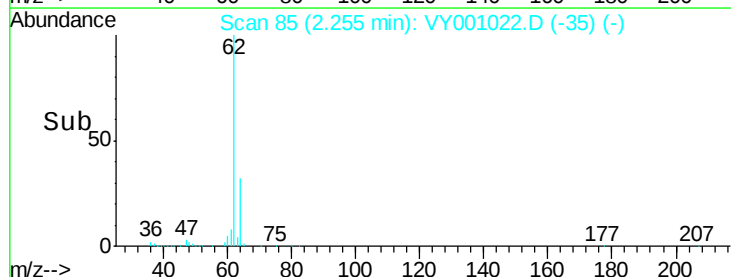
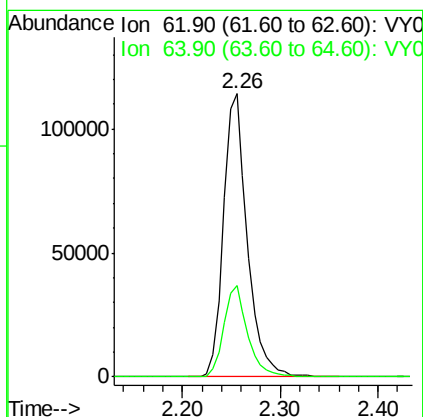
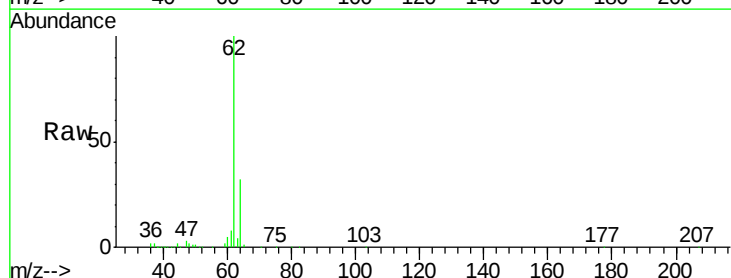
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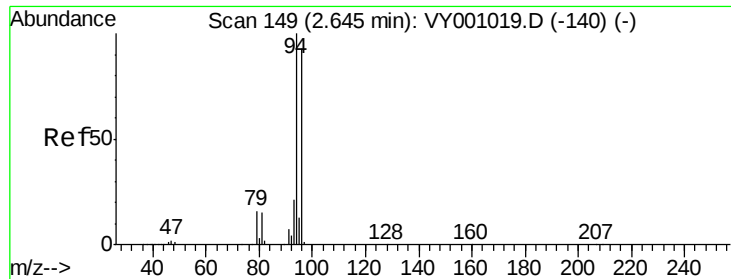
Tgt Ion: 62 Resp: 192224

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 48.373 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 94 Resp: 121941

Ion Ratio Lower Upper

94 100

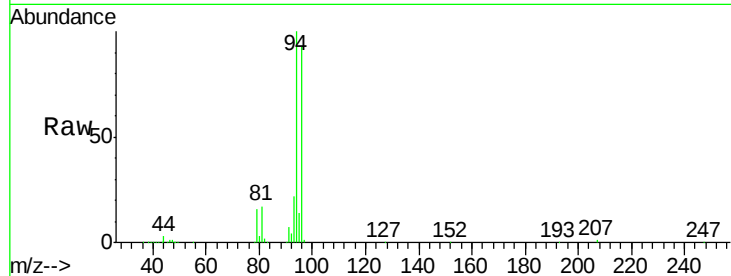
96 93.0 74.2 111.4

Manual Integrations

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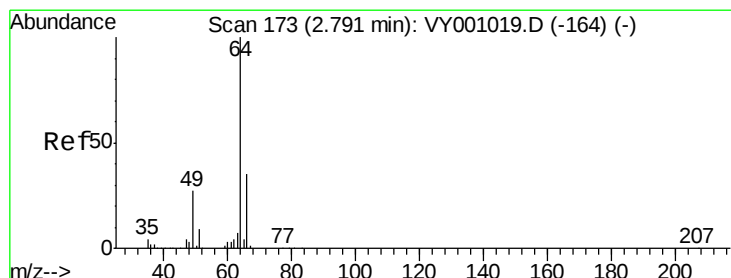
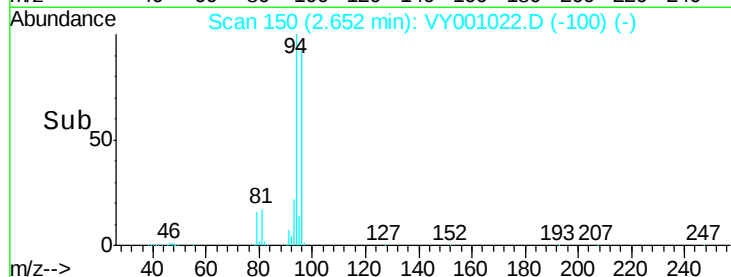
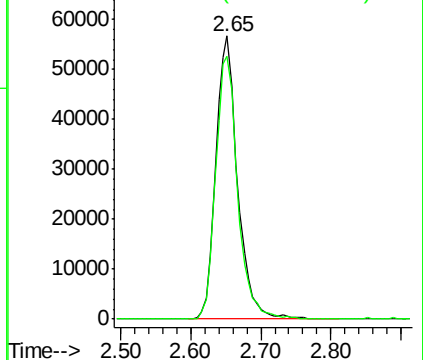
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.018 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001022.D

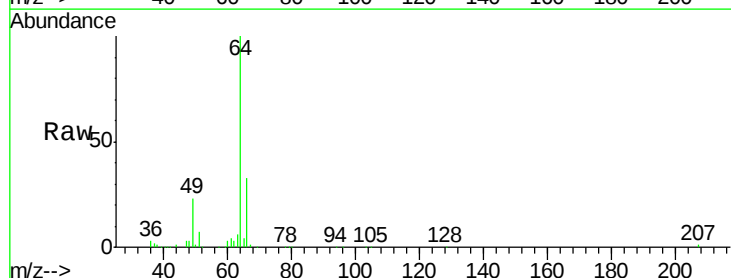
Acq: 23 Dec 2019 12:26

Tgt Ion: 64 Resp: 119650

Ion Ratio Lower Upper

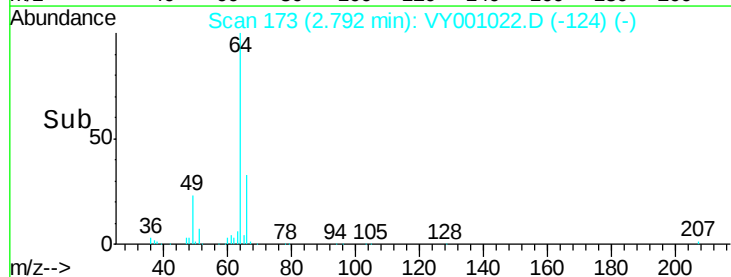
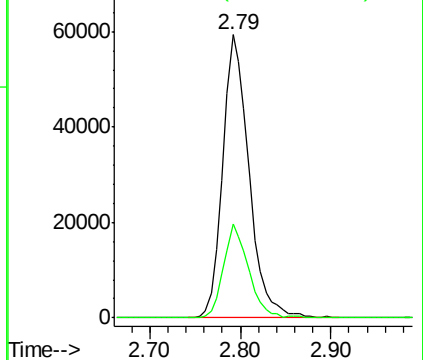
64 100

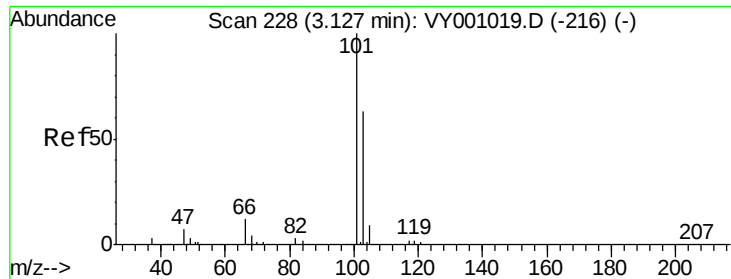
66 33.1 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

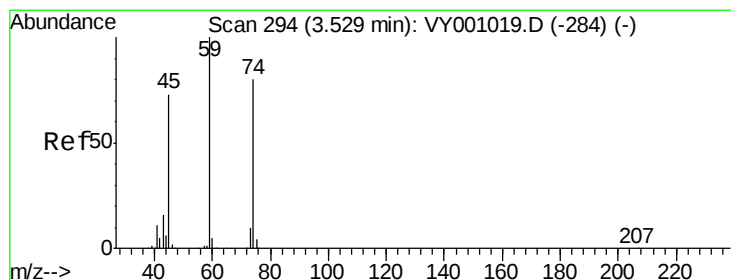
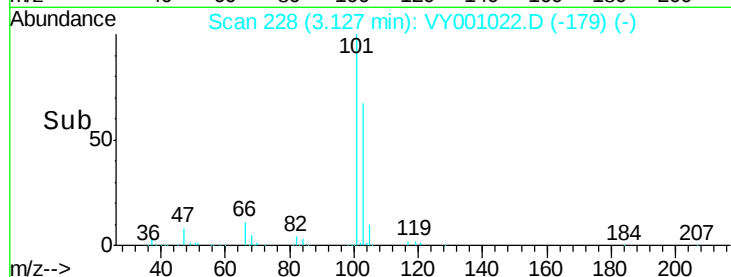
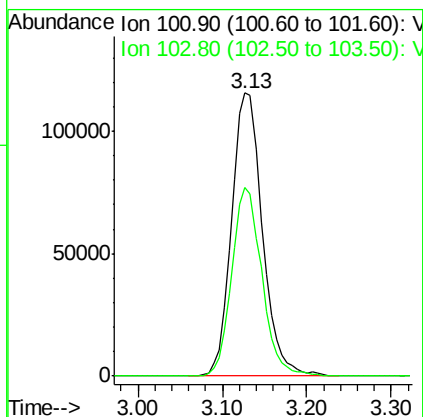
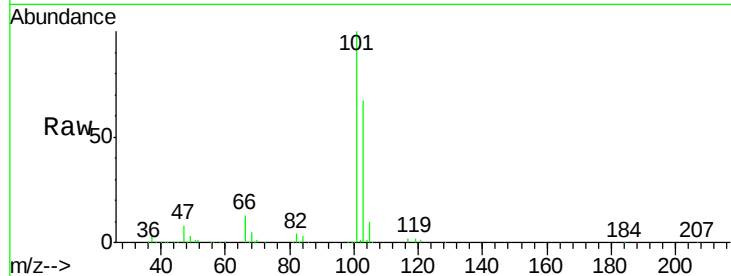
Trichlorofluoromethane
Concen: 48.690 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	285709		
103	66.5	50.2	50.2	75.2

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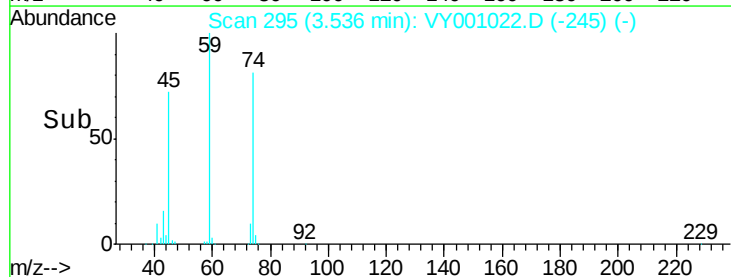
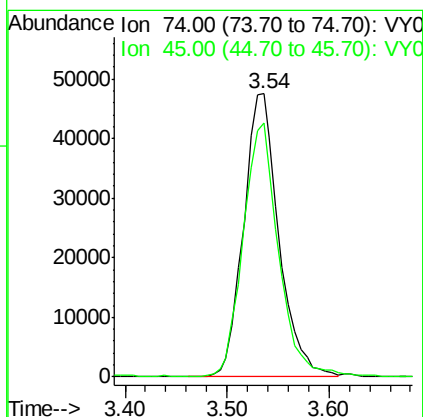
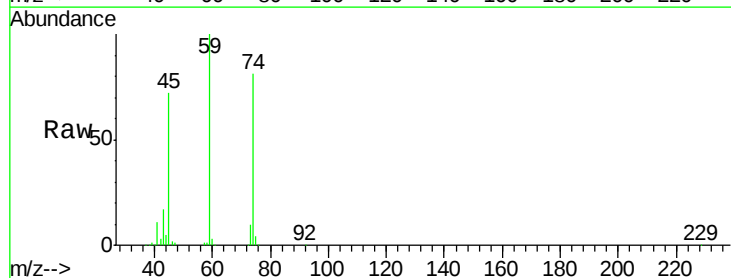
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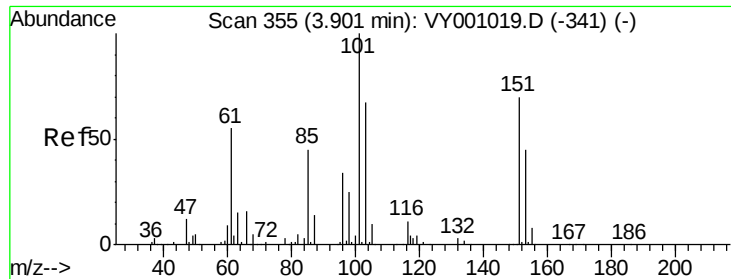


#8

Diethyl Ether
Concen: 47.864 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	114648		
45	90.1	46.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.948 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

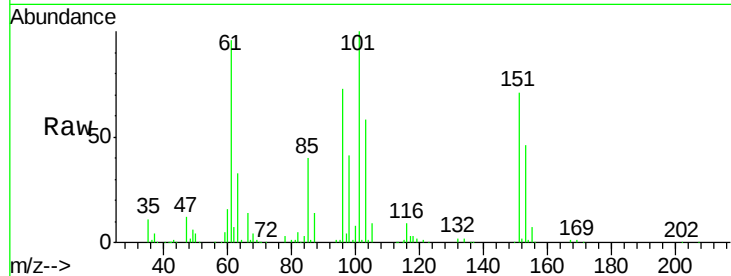
ClientSampleId :

ICVVY122319

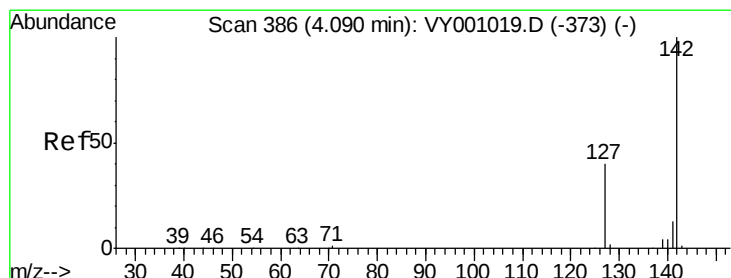
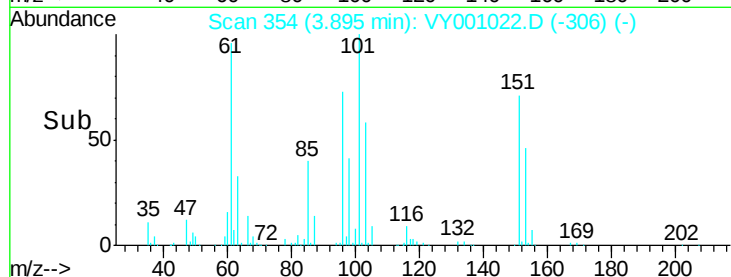
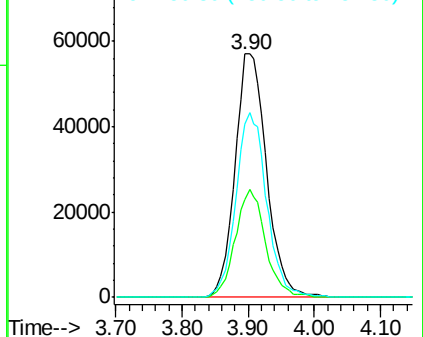
Tot Ion:	101	Resp:	188671
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.2	51.2
151	74.1	57.0	85.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.308 ug/l

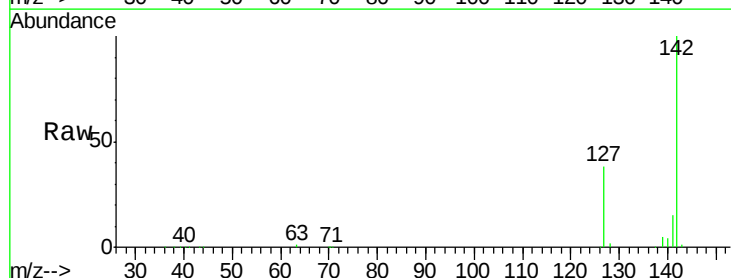
RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

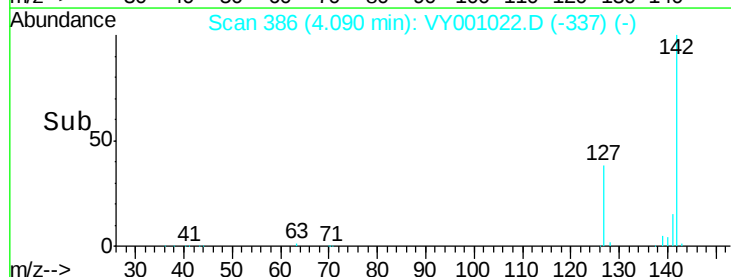
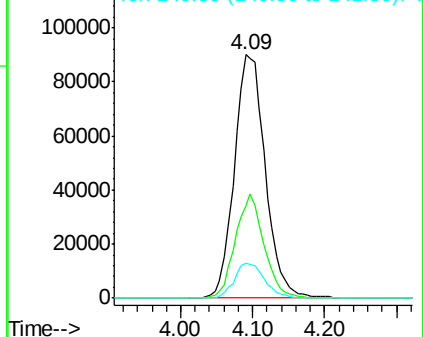
Lab File: VY001022.D

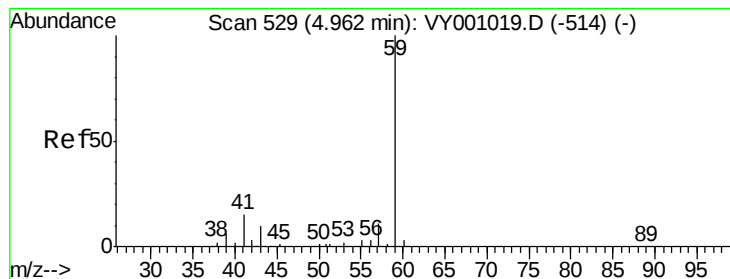
Acq: 23 Dec 2019 12:26

Tgt Ion:	142	Resp:	267920
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.2	46.8
141	14.2	11.0	16.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

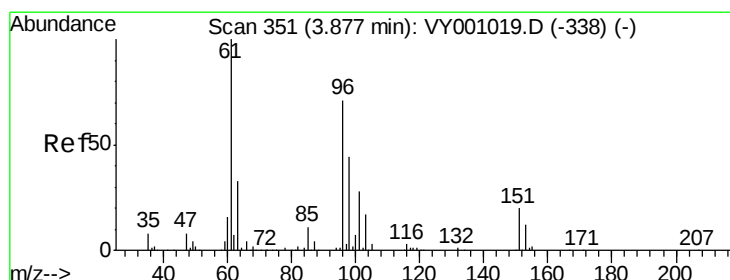
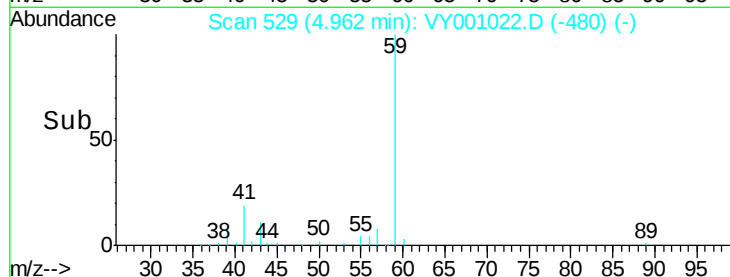
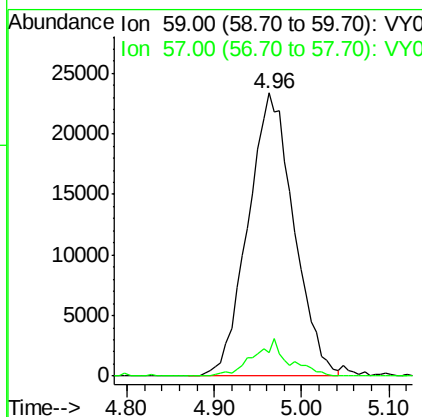
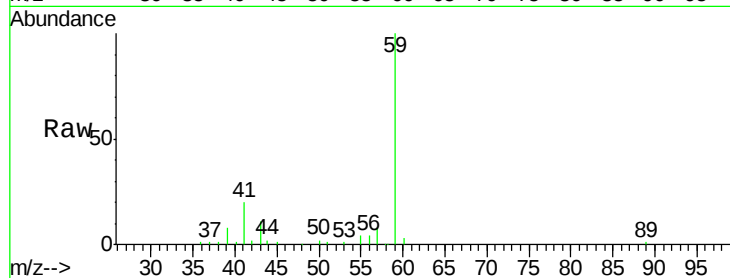
Tert butyl alcohol
Concen: 226.736 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.0	7.8	11.6

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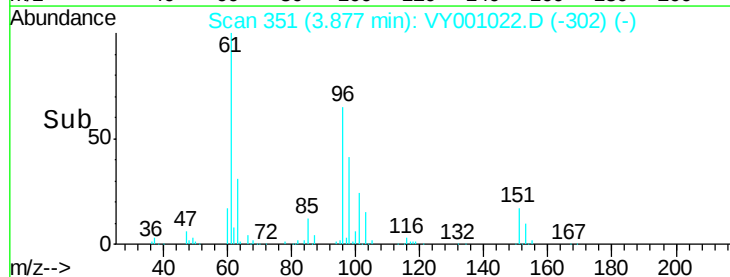
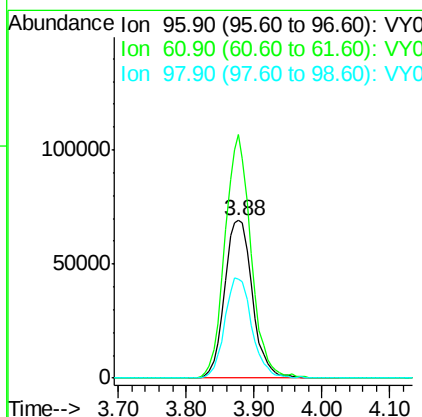
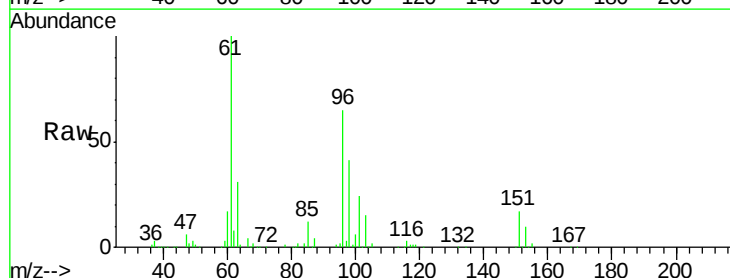
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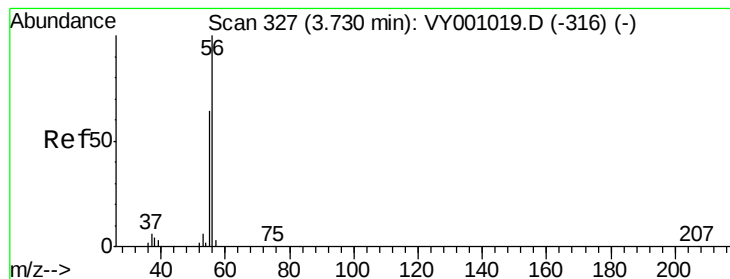


#12

1,1-Dichloroethene
Concen: 50.144 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	154.3	113.0	169.4
98	98	63.0	49.8	74.8





#13

Acrolein

Concen: 251.443 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 56 Resp: 117359

Ion Ratio Lower Upper

56 100

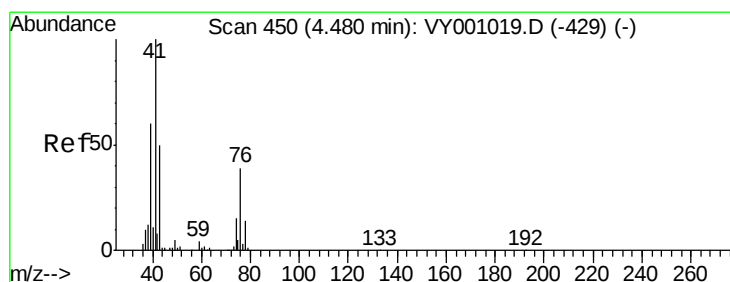
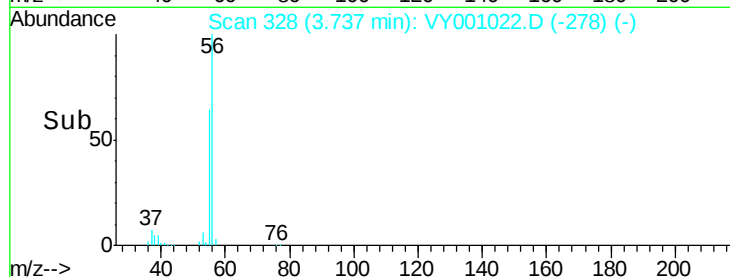
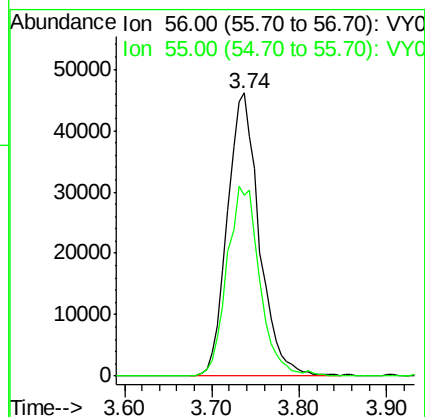
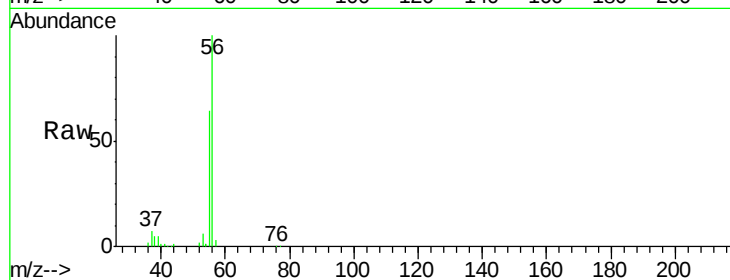
55 69.0 55.6 83.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.075 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

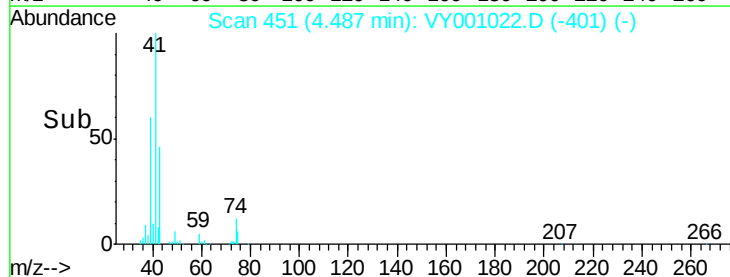
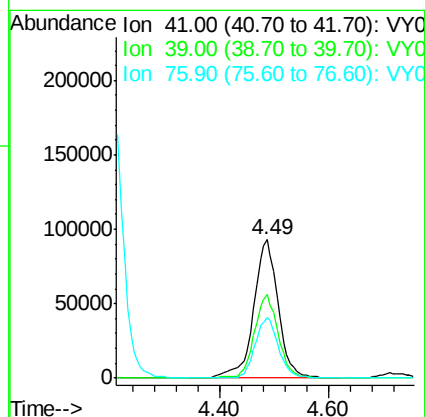
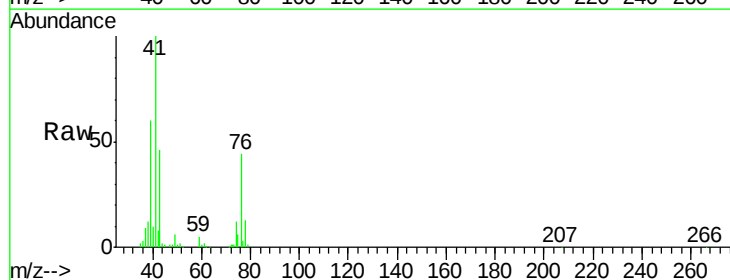
Tgt Ion: 41 Resp: 291446

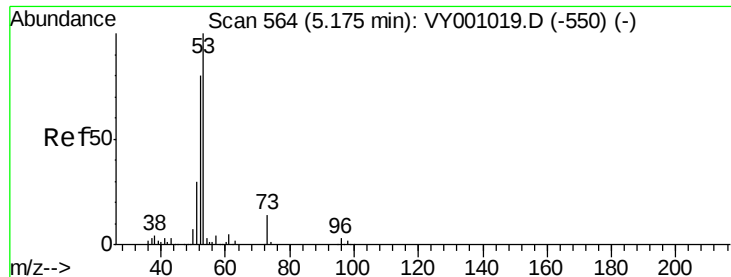
Ion Ratio Lower Upper

41 100

39 58.2 46.0 69.0

76 41.3 32.6 48.8





#15

Acrylonitrile

Concen: 240.542 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

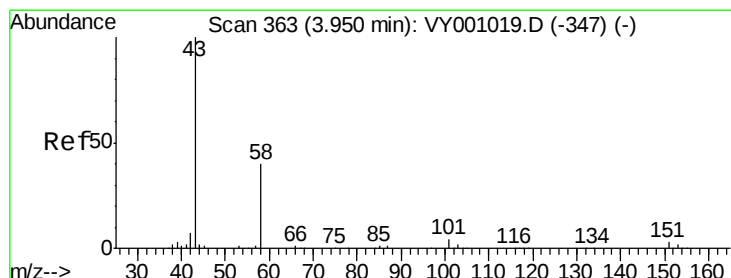
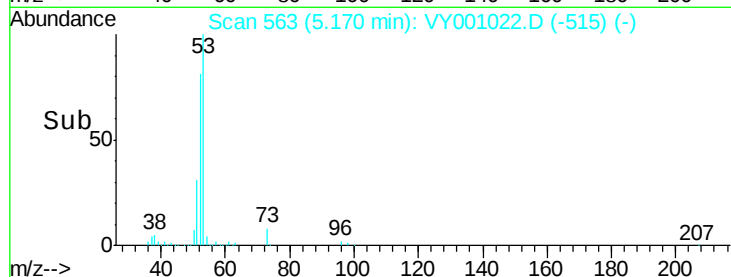
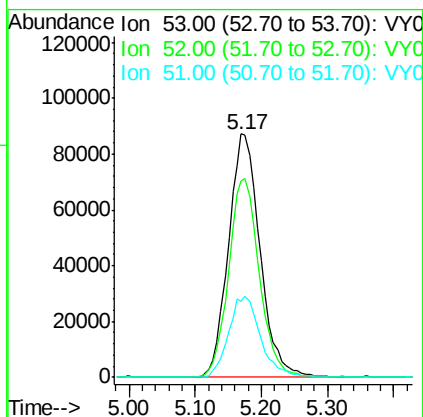
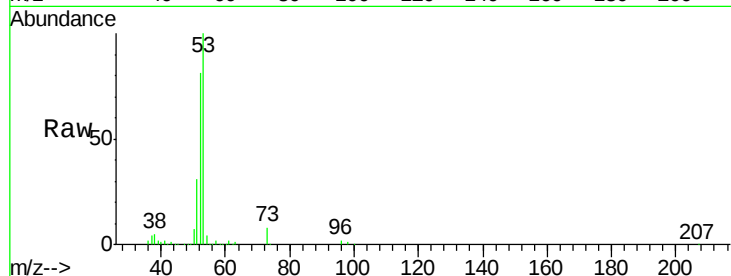
ClientSampleId :

ICVY122319

Tot Ion:	53	Resp:	287954
Ion Ratio		Lower	Upper
53	100		
52	79.8	63.6	95.4
51	33.9	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 225.317 ug/l

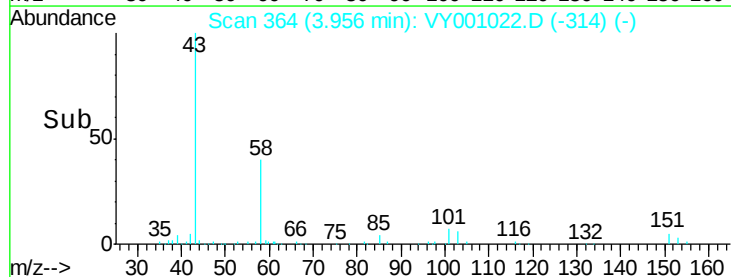
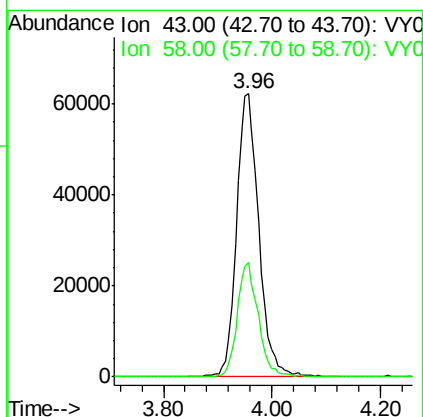
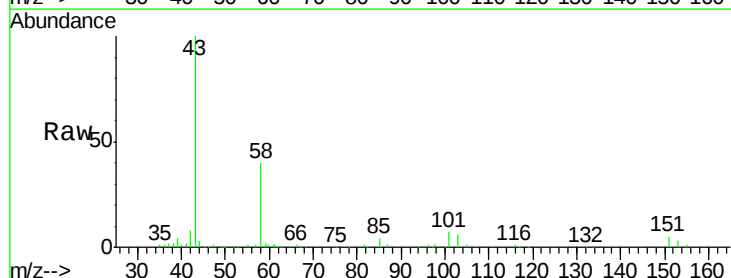
RT: 3.96 min Scan# 364

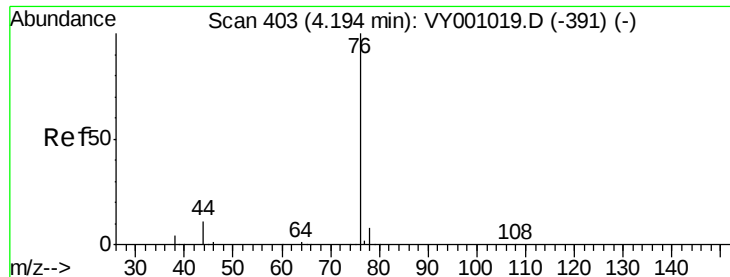
Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion:	43	Resp:	177833
Ion Ratio		Lower	Upper
43	100		
58	40.2	32.1	48.1





#17

Carbon Disulfide

Concen: 49.988 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 76 Resp: 637444

Ion Ratio Lower Upper

76 100

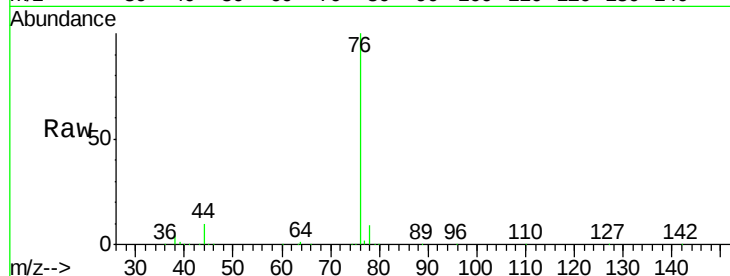
78 9.2 6.7 10.1

Manual Integrations

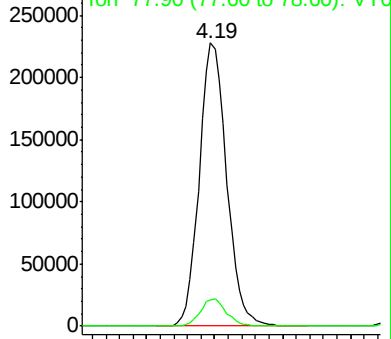
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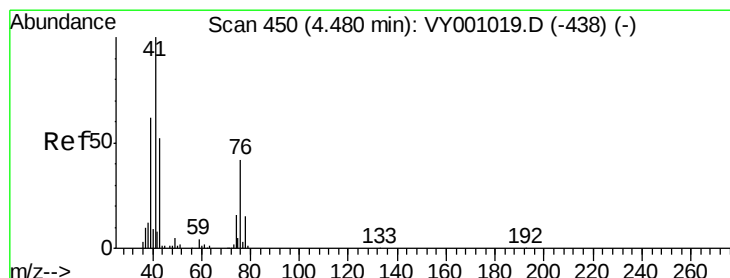
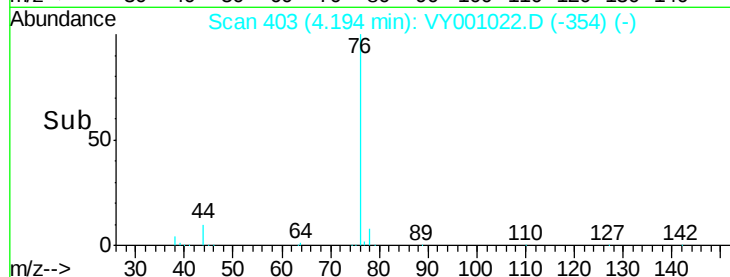
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Abundance Ion 75.90 (75.60 to 76.60): VY001019.D (-391) (-)



Time-->



#18

Methyl Acetate

Concen: 44.851 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001022.D

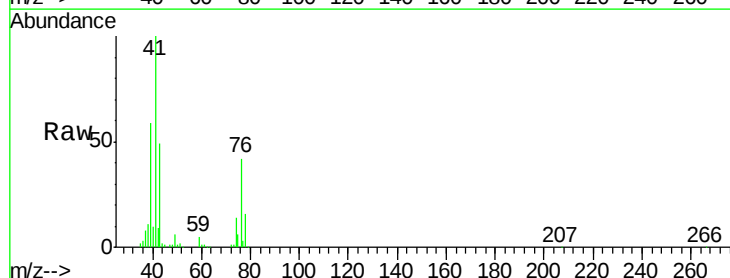
Acq: 23 Dec 2019 12:26

Tgt Ion: 43 Resp: 135809

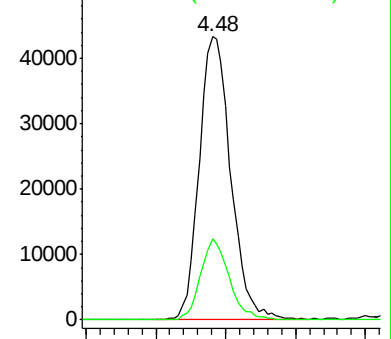
Ion Ratio Lower Upper

43 100

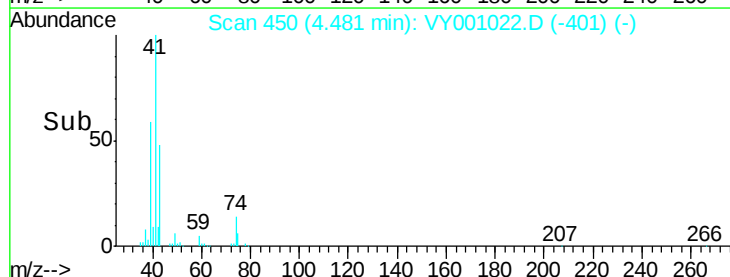
74 25.9 20.7 31.1

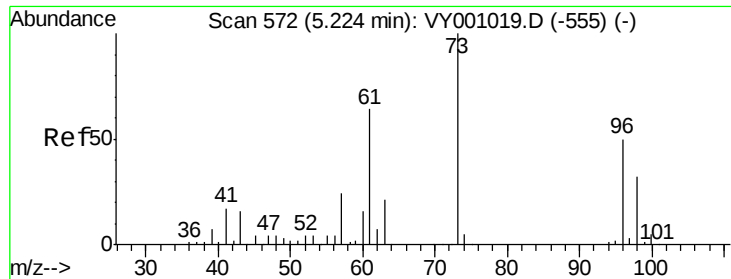


Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-438) (-)



Time-->





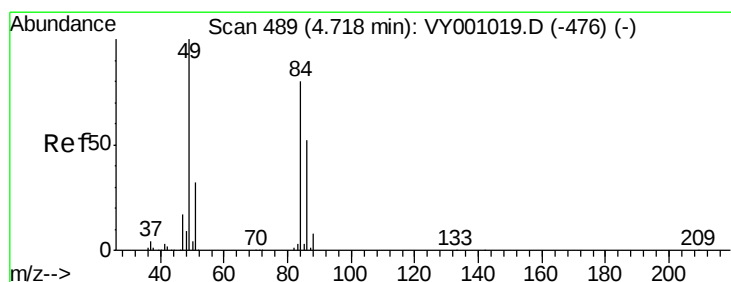
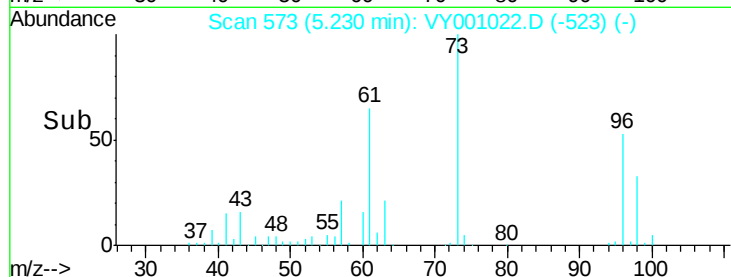
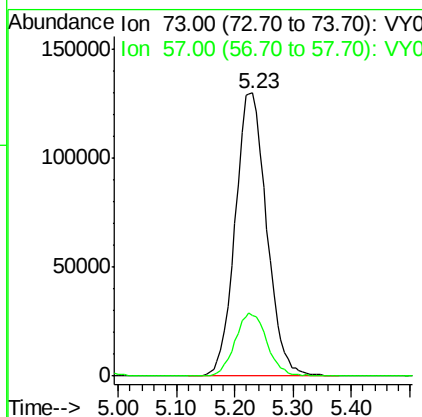
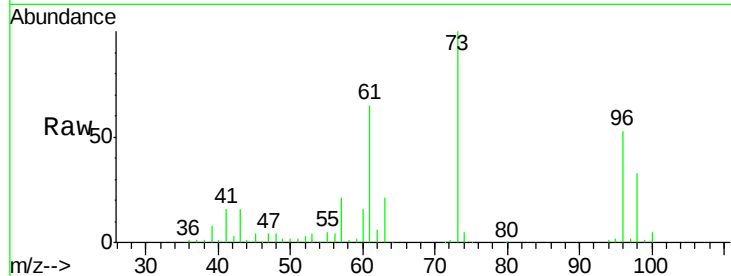
#19
Methvl tert-butvl Ether
Concen: 48.312 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion: 73 Resp: 486605
Ion Ratio Lower Upper
73 100
57 21.4 19.0 28.6

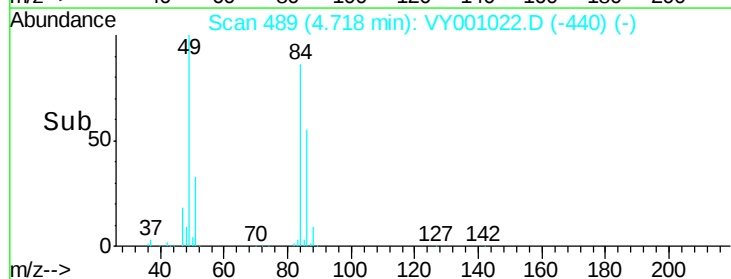
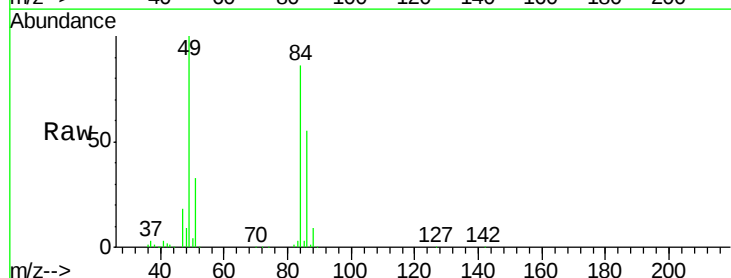
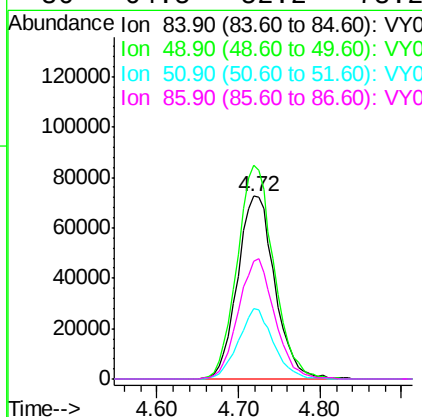
Manual Integrations
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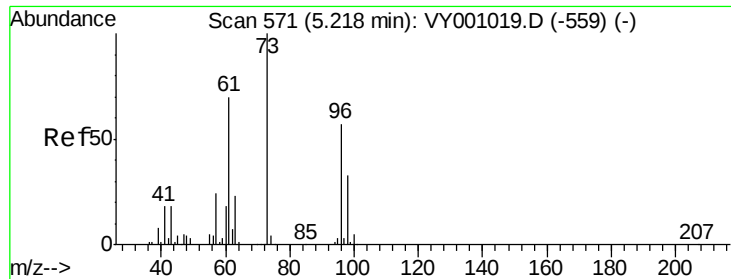
apatel
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#20
Methylene Chloride
Concen: 49.534 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion: 84 Resp: 230117
Ion Ratio Lower Upper
84 100
49 116.8 99.8 149.6
51 38.8 31.4 47.2
86 64.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 50.514 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

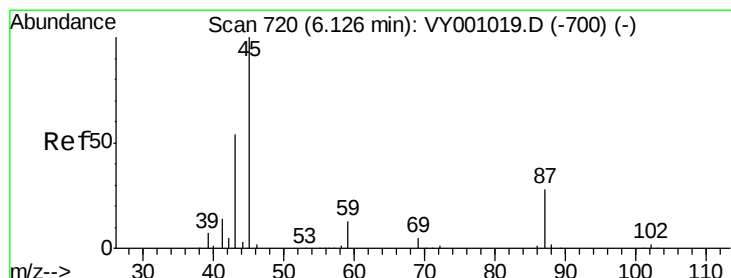
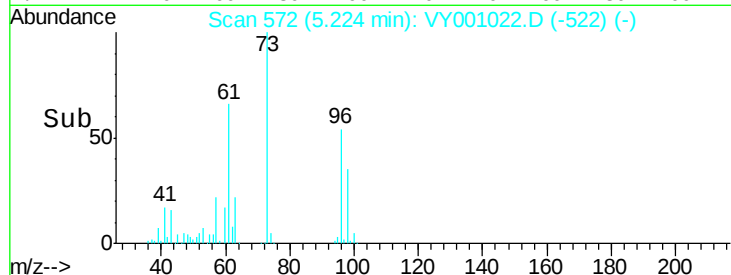
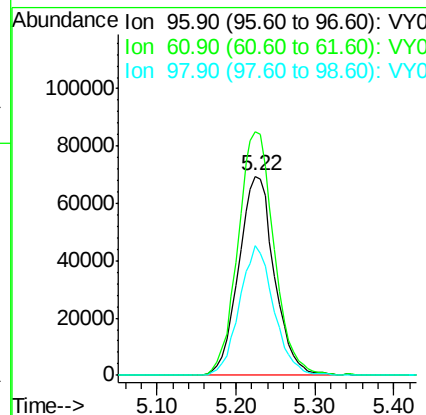
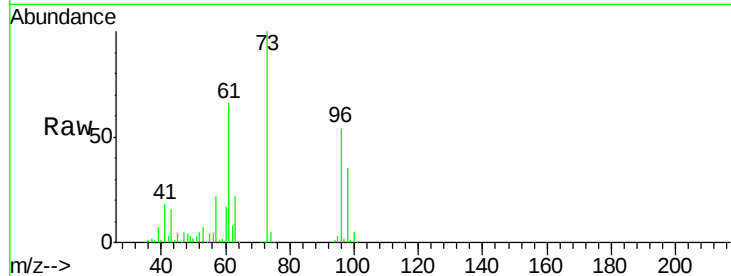
ClientSampleId :

ICVVY122319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		218463		
61	122.5	98.1	147.1		
98	65.5	47.2	70.8		

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#22

Diisopropyl ether

Concen: 46.373 ug/l

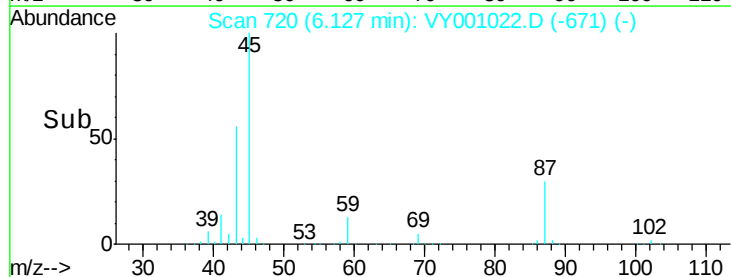
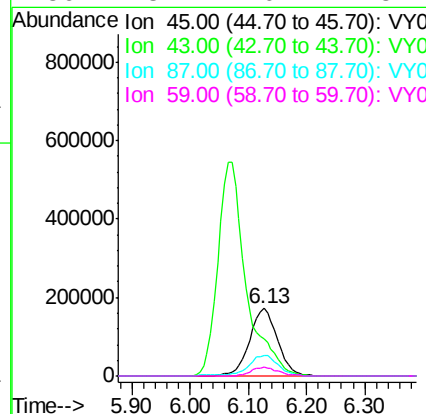
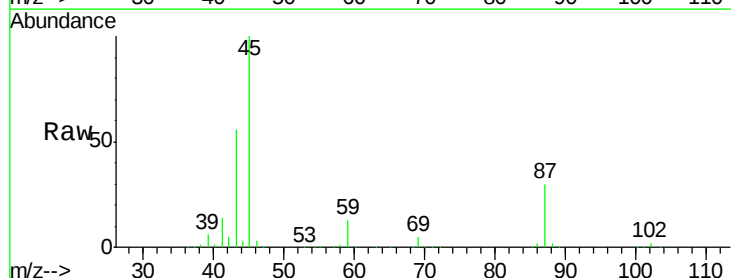
RT: 6.13 min Scan# 720

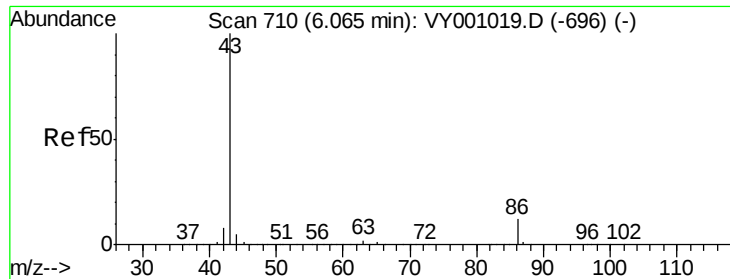
Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		568238		
43	55.4	43.6	65.4		
87	30.1	23.1	34.7		
59	13.1	10.2	15.4		





#23

Vinyl Acetate

Concen: 237.021 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 43 Resp: 1834223

Ion Ratio Lower Upper

43 100

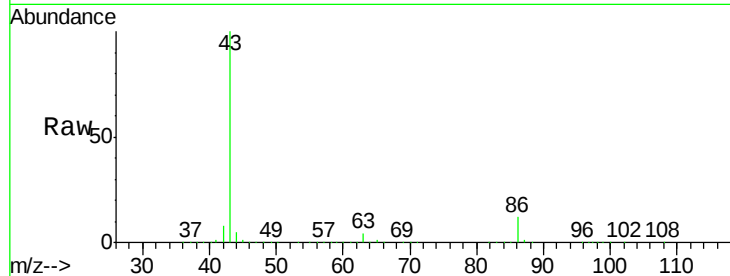
86 11.9 9.5 14.3

Manual Integrations

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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

500000

400000

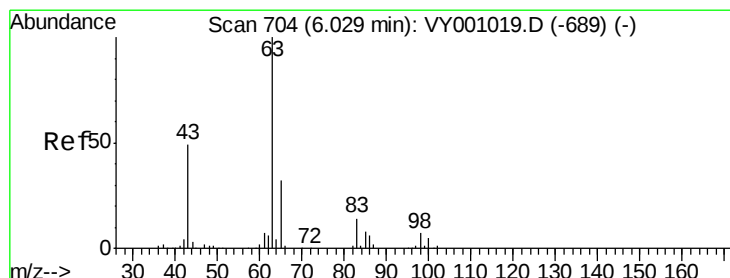
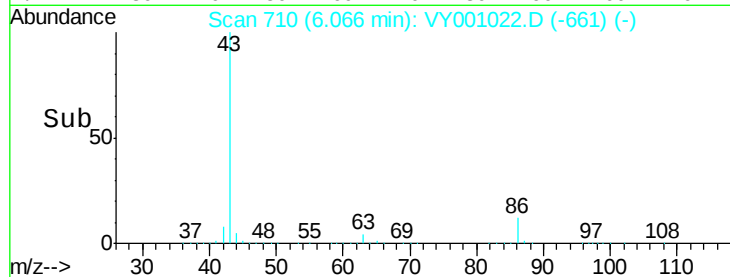
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.688 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

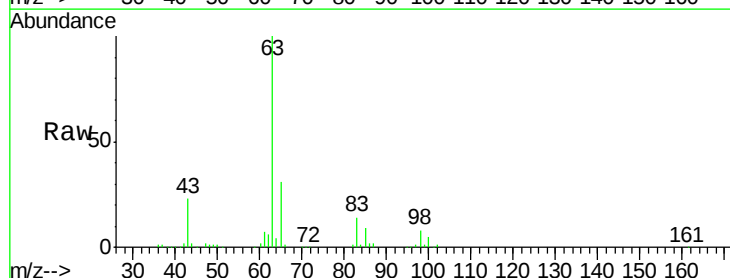
Tgt Ion: 63 Resp: 345323

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.8 2.5 7.5



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

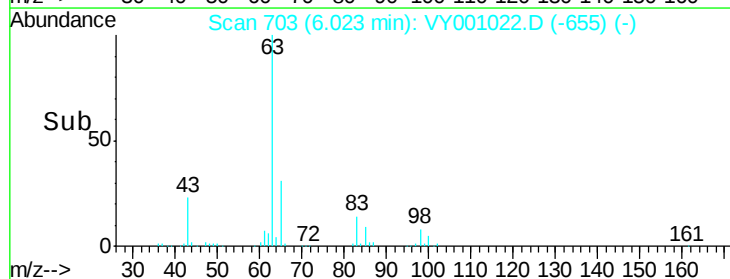
150000

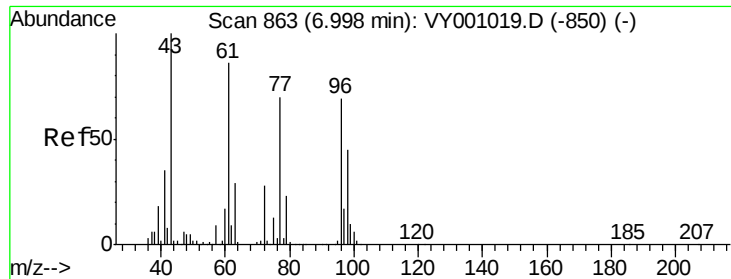
100000

50000

0

Time-->





#25

2-Butanone

Concen: 228.283 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 43 Resp: 316520

Ion Ratio Lower Upper

43 100

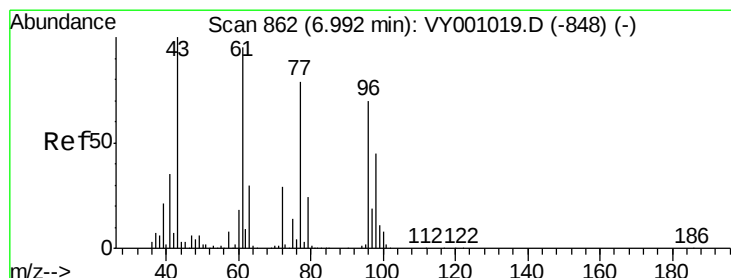
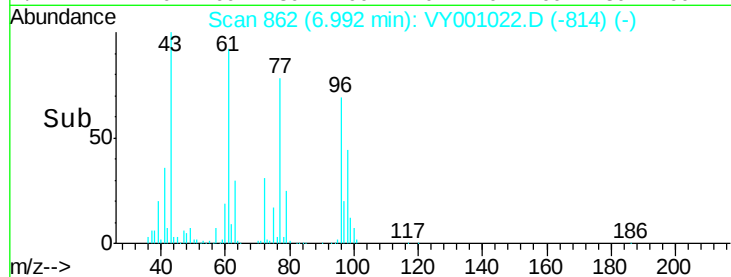
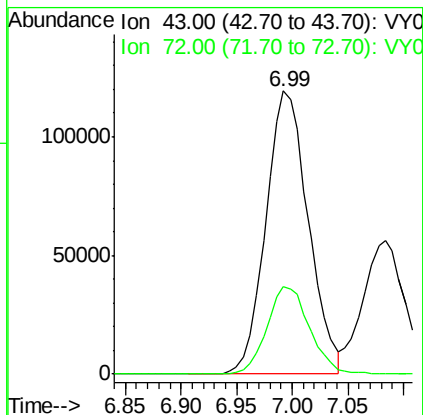
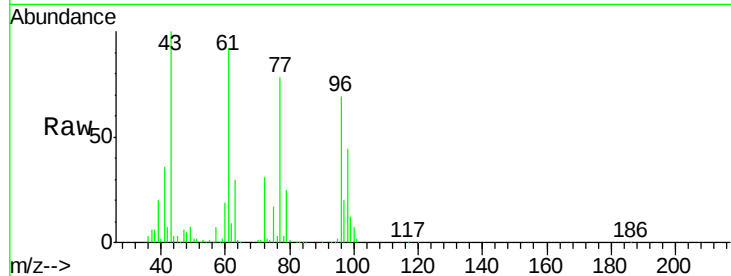
72 30.7 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.557 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001022.D

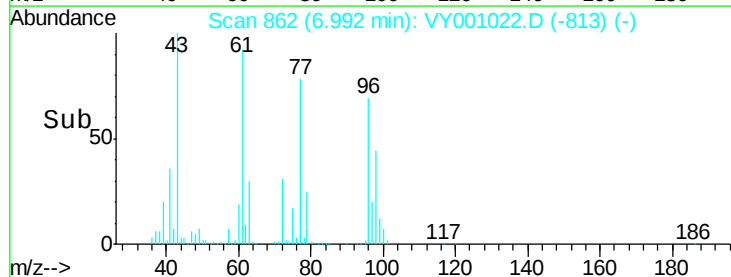
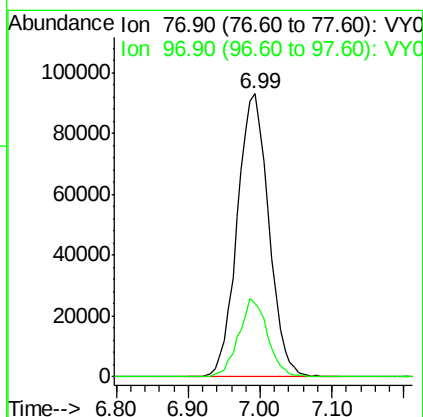
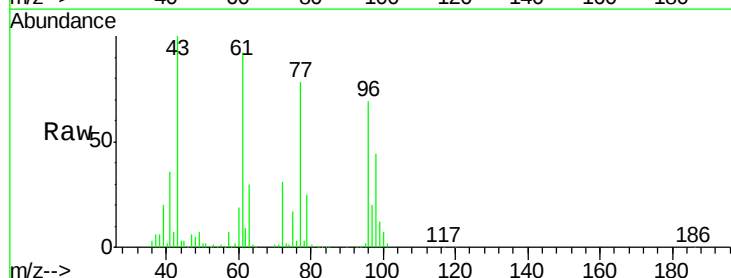
Acq: 23 Dec 2019 12:26

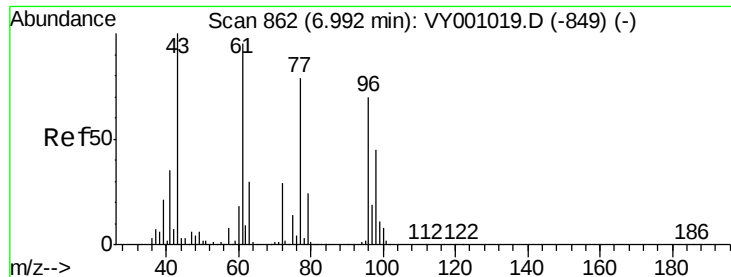
Tgt Ion: 77 Resp: 282934

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

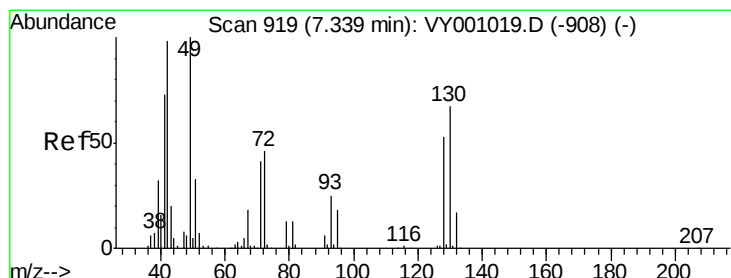
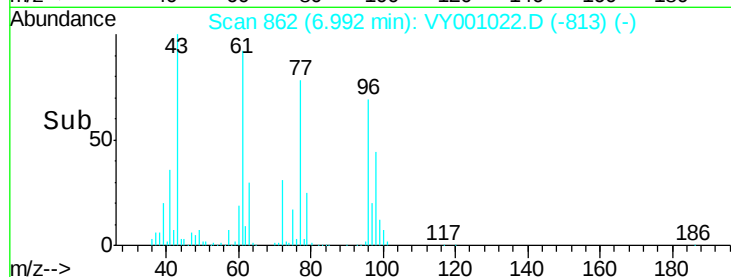
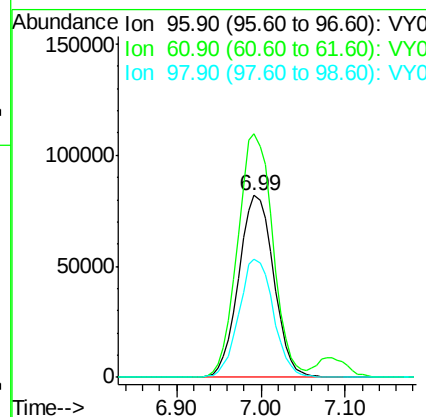
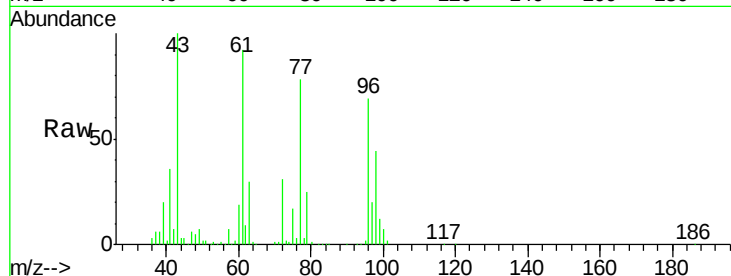
cis-1,2-Dichloroethene
Concen: 48.476 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	Ratio	Resp	Lower	Upper
96	100	230328		
61	134.8	0.0	268.2	
98	63.9	0.0	129.2	

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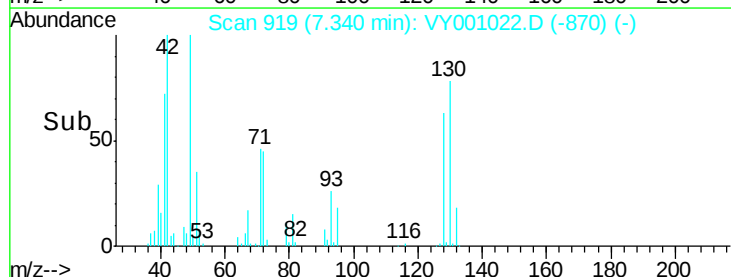
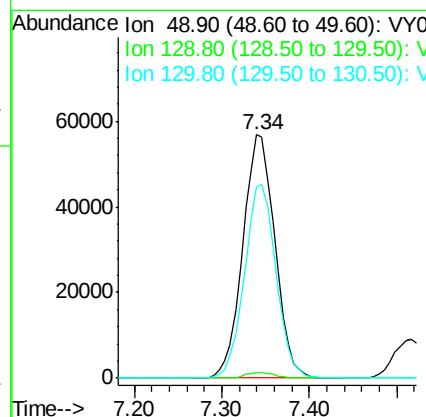
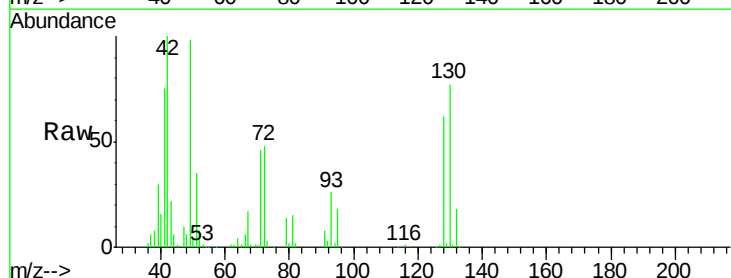
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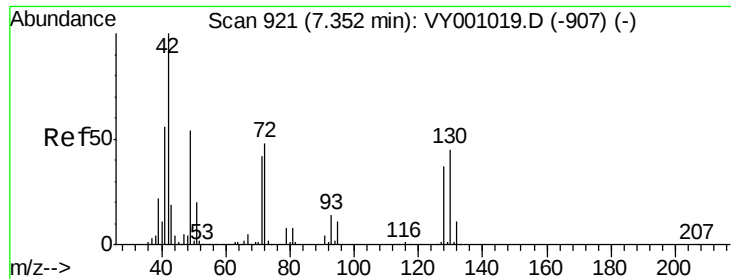


#28

Bromochloromethane
Concen: 51.164 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	144557		
129	2.1	0.0	3.8	
130	78.6	60.4	90.6	





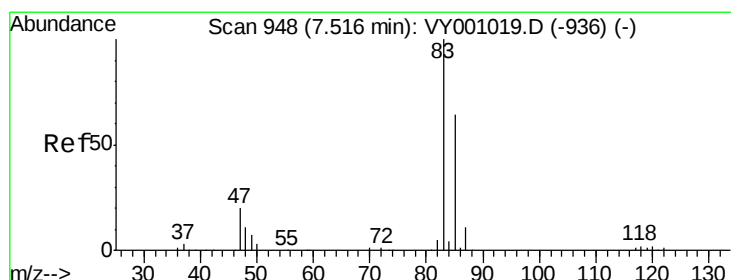
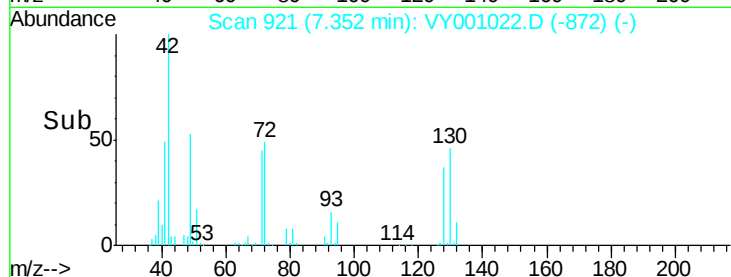
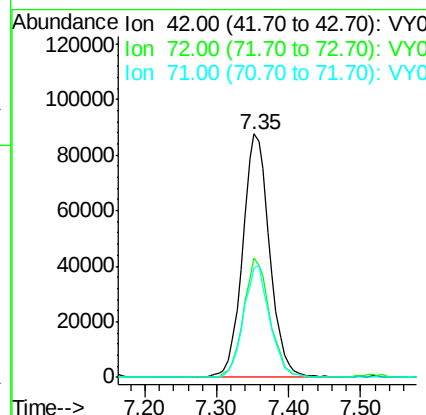
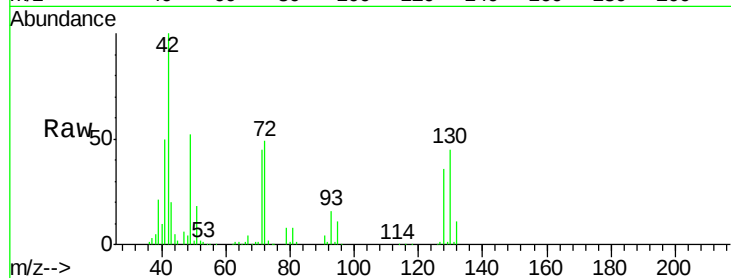
#29
Tetrahydrofuran
Concen: 230.192 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVY122319

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.7	56.5
71	44.8	34.6	51.8

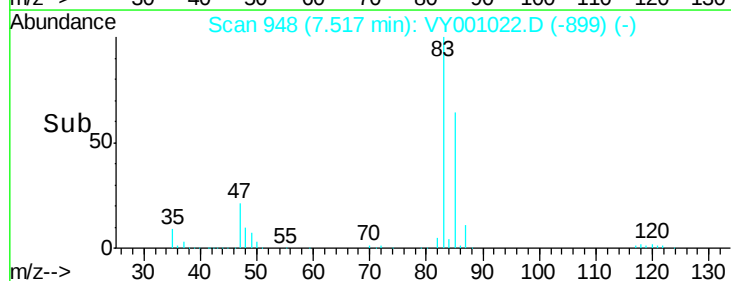
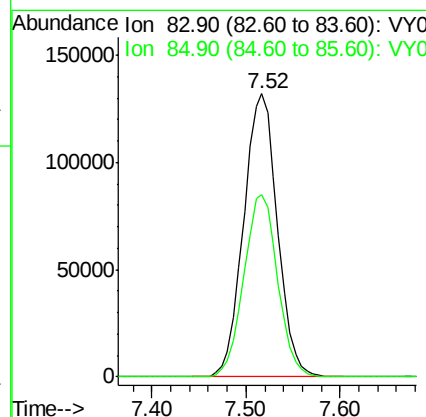
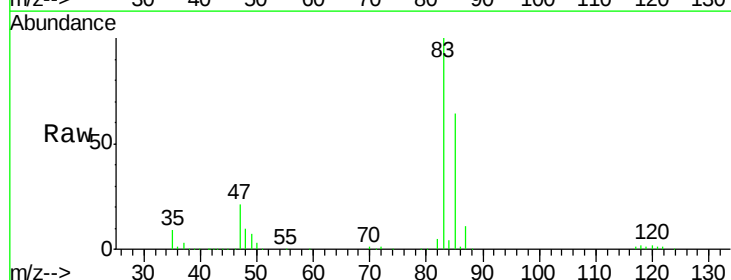
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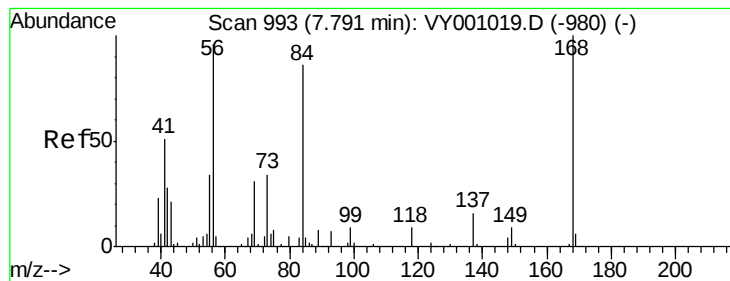
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#30
Chloroform
Concen: 48.235 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





#31

Cyclohexane

Concen: 46.420 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122319

Tot Ion: 56 Resp: 353460

Ion Ratio Lower Upper

56 100

69 31.7 26.1 39.1

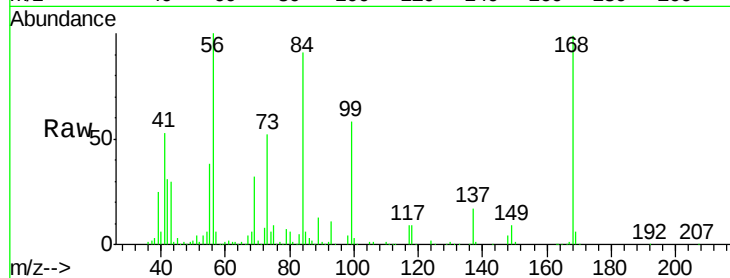
84 89.7 71.8 107.8

Manual Integrations

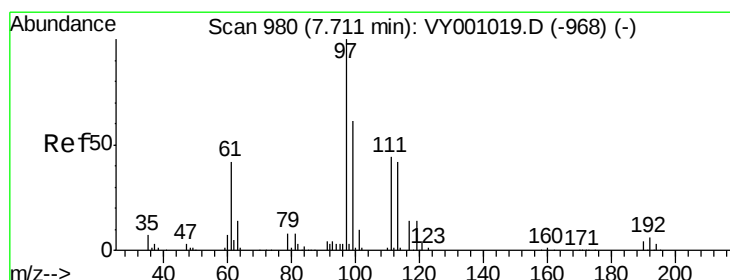
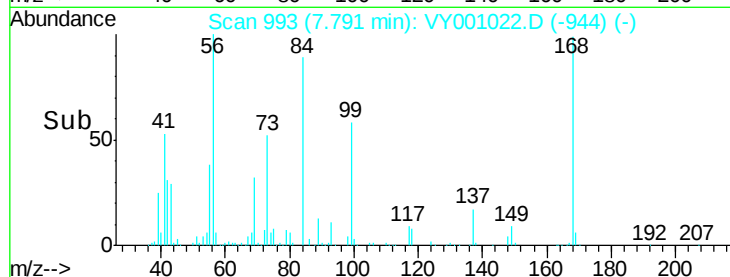
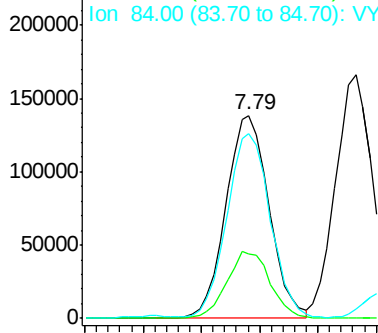
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 48.795 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

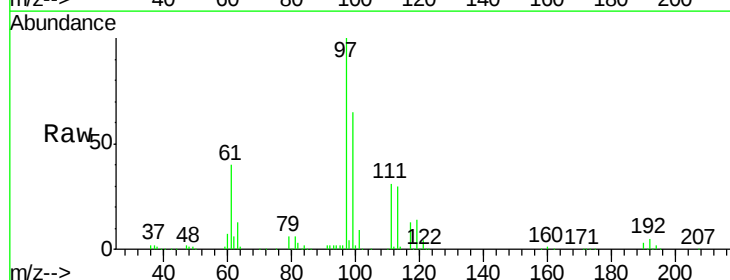
Tgt Ion: 97 Resp: 285010

Ion Ratio Lower Upper

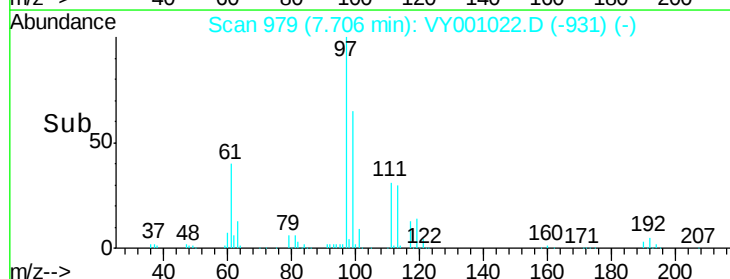
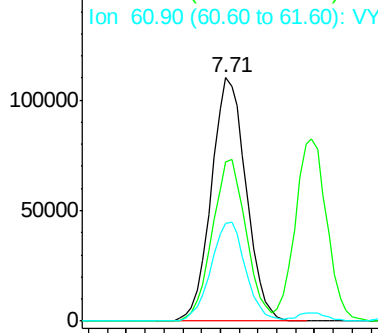
97 100

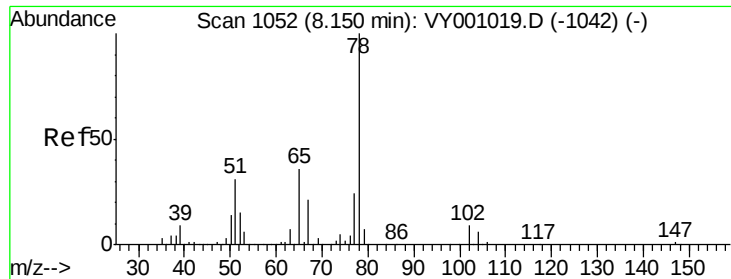
99 64.9 50.6 76.0

61 40.6 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





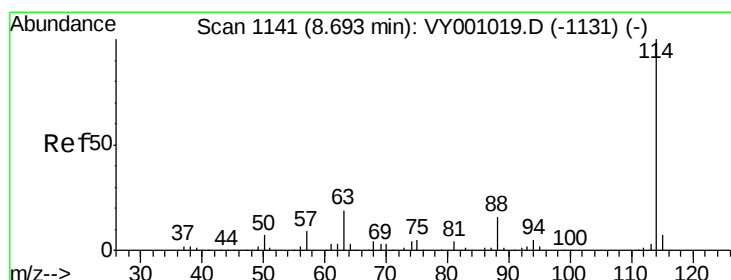
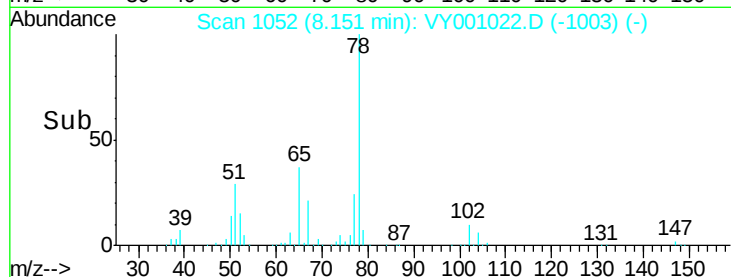
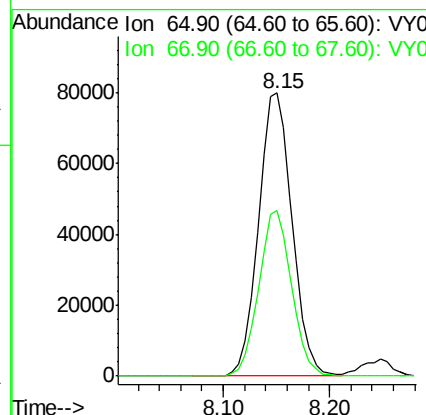
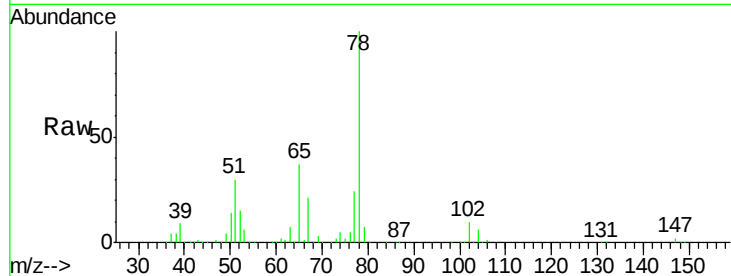
#33
 1,2-Dichloroethane-d4
 Concen: 51.507 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176463		
67	57.3	0.0	112.8	

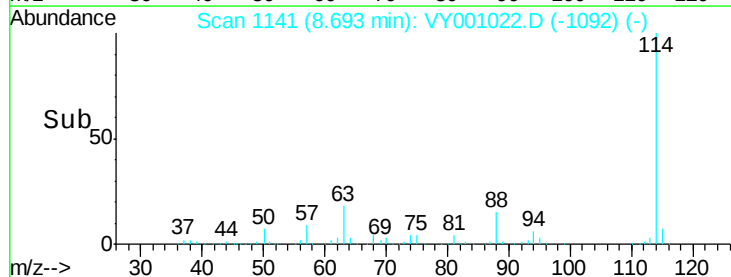
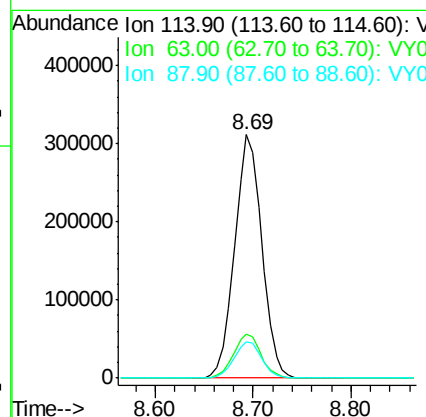
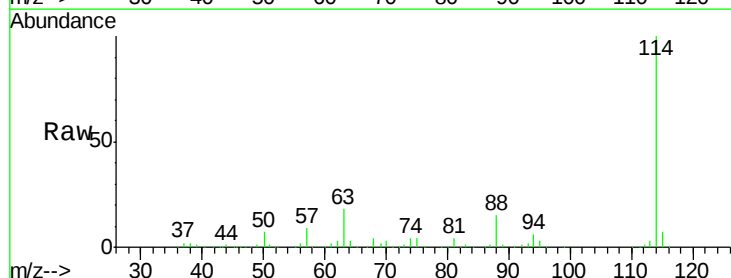
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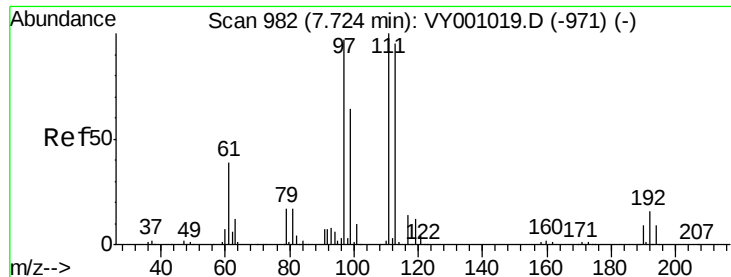
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	598768		
63	18.1	0.0	37.0	
88	14.7	0.0	32.0	





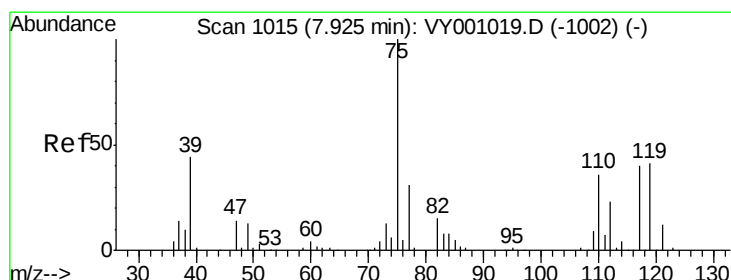
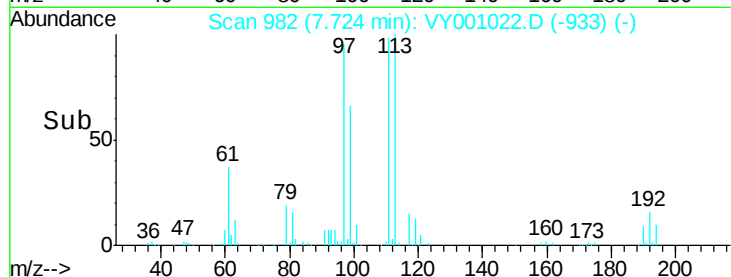
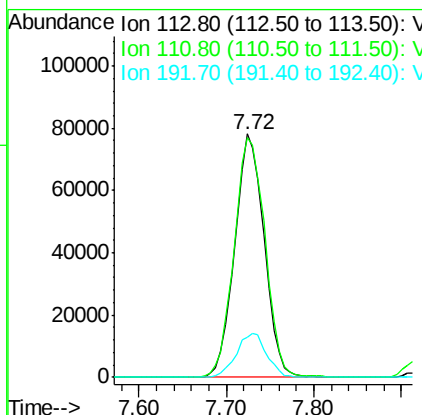
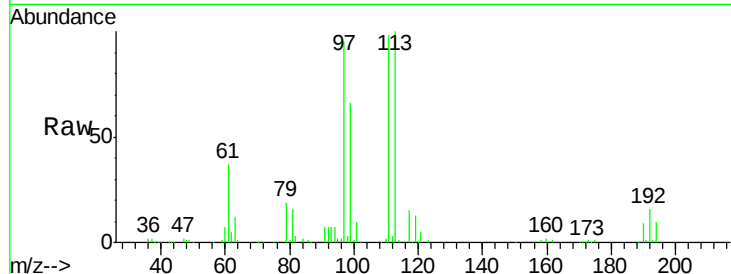
#35
 Dibromofluoromethane
 Concen: 51.935 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Resp	Lower	Upper
113	100	183117		
111	103.5	83.0	124.4	
192	18.6	14.6	21.8	

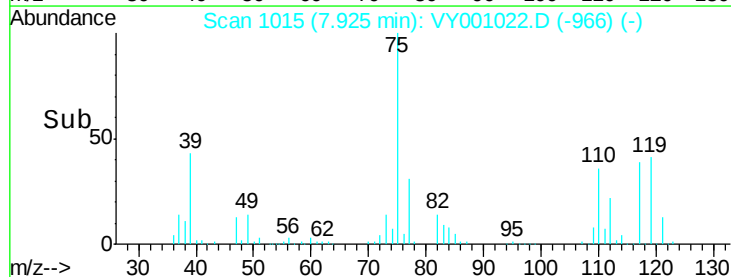
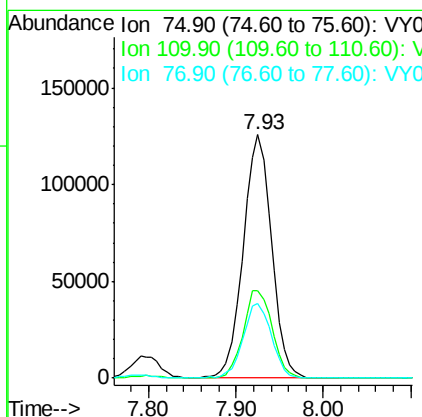
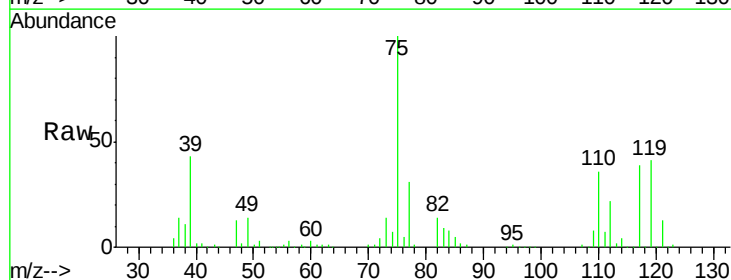
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#36
 1,1-Dichloropropene
 Concen: 49.514 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	282831		
110	36.9	18.1	54.4	
77	30.9	24.6	37.0	





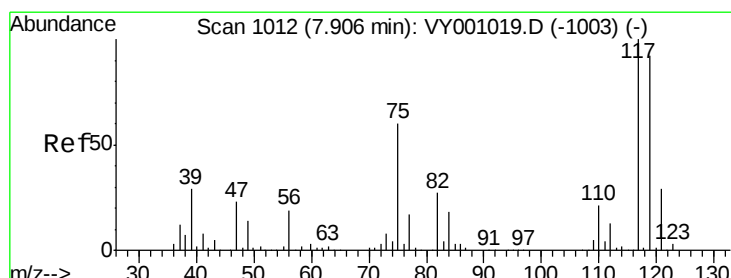
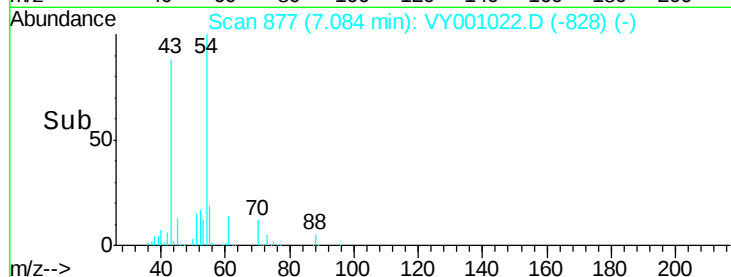
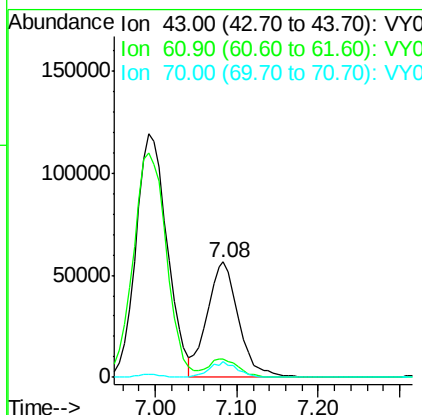
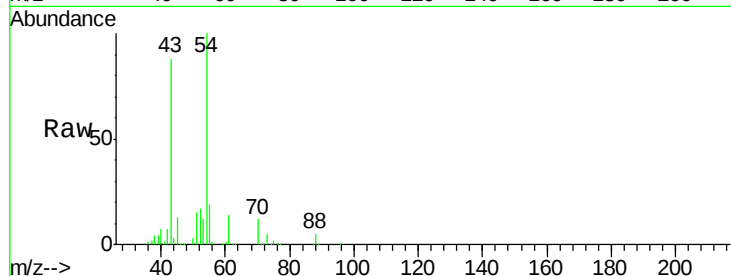
#37
Ethyl Acetate
Concen: 48.202 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVY122319

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	11.8	9.0	13.4

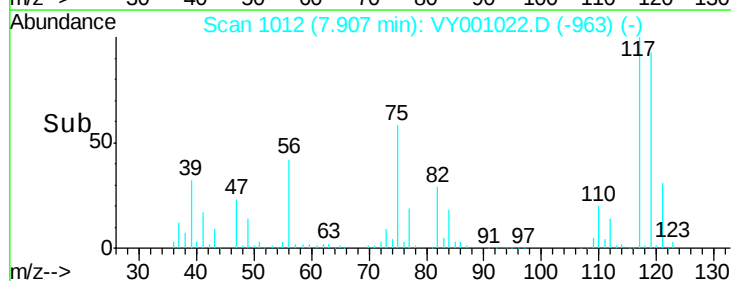
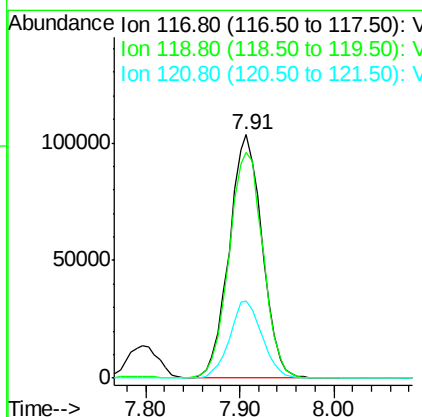
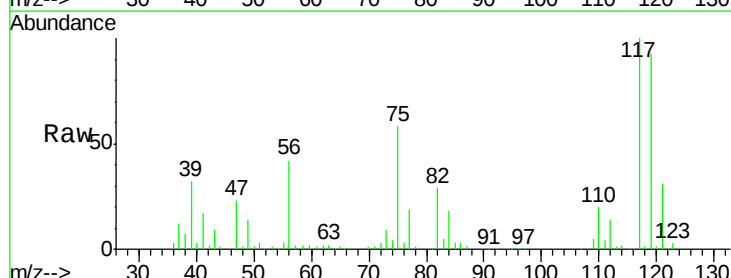
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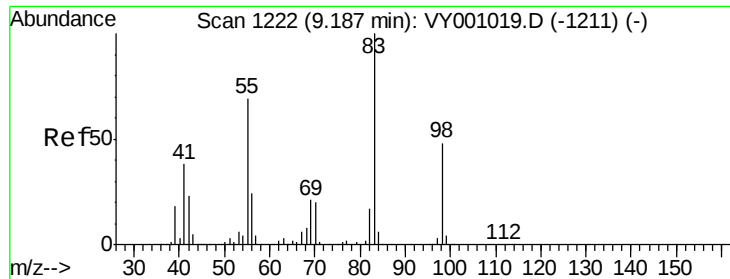
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#38
Carbon Tetrachloride
Concen: 50.233 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.2	111.2
121	31.5	22.9	34.3





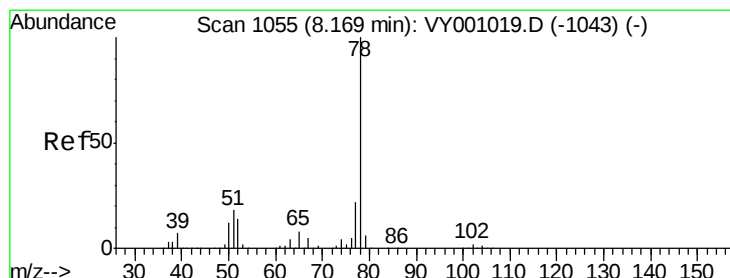
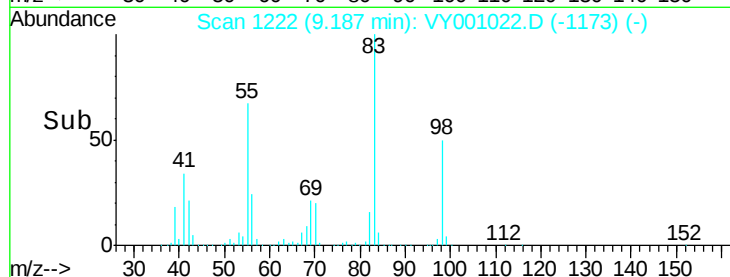
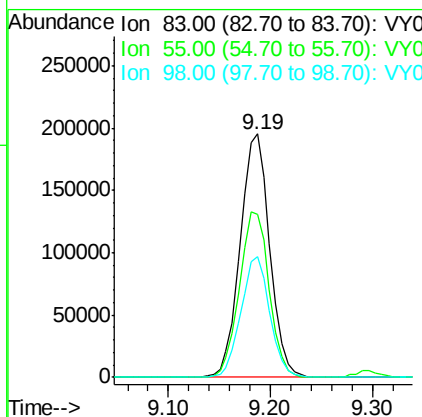
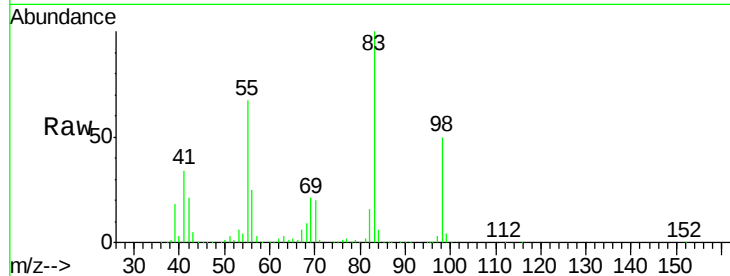
#39
Methvlcvclohexane
Concen: 51.558 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.9	55.1	82.7
98	49.8	38.3	57.5

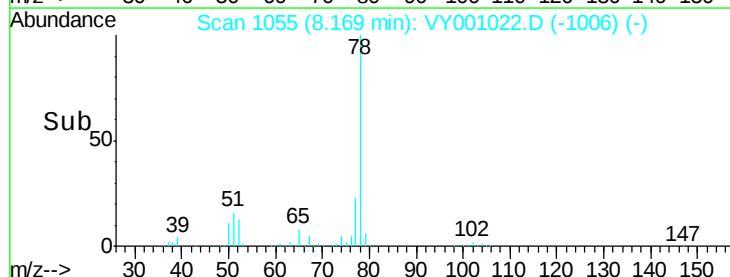
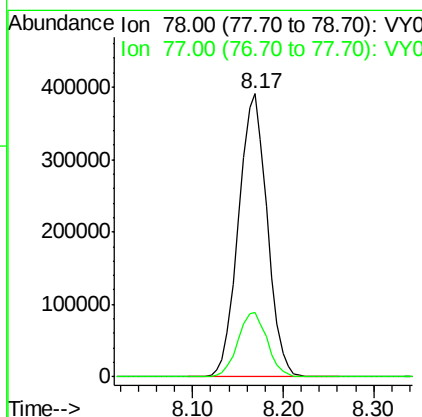
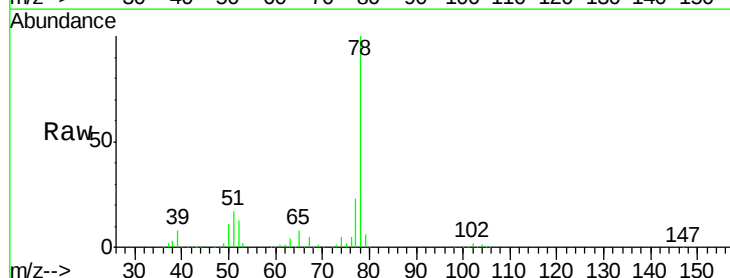
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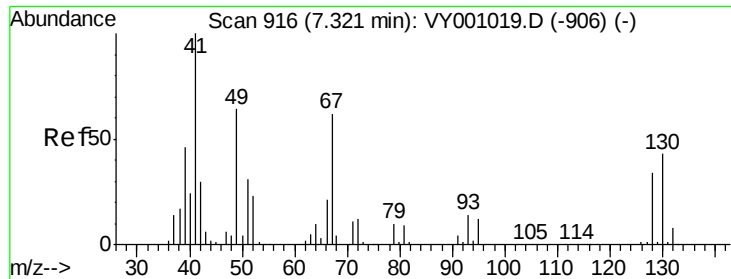
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#40
Benzene
Concen: 49.627 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.7	26.5





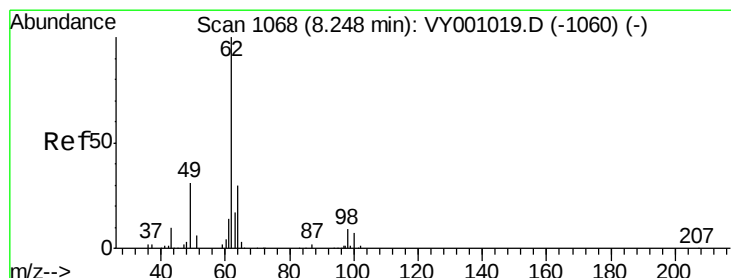
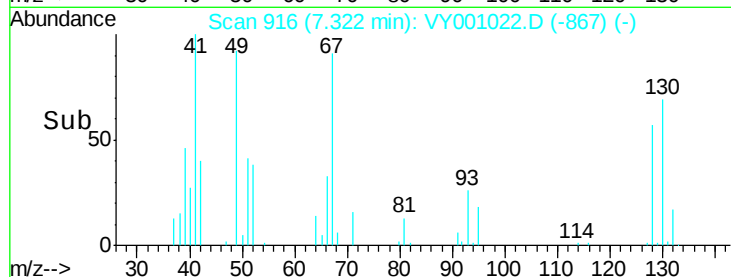
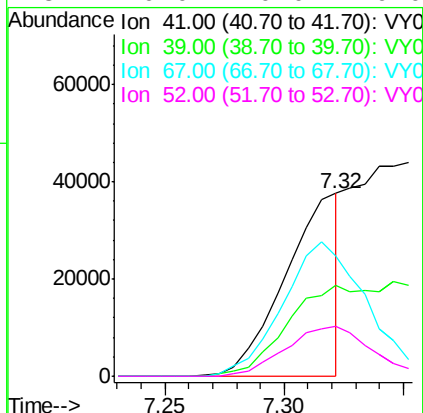
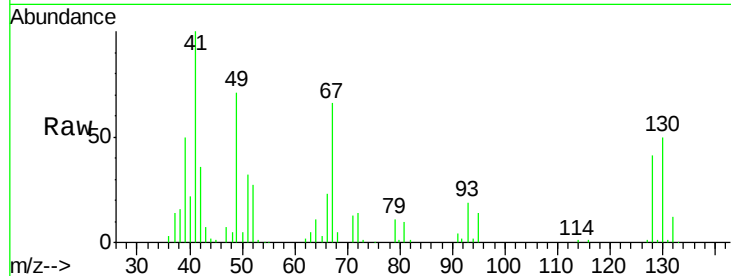
#41
Methacrylonitrile
Concen: 43.842 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	41	Resp	60120
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

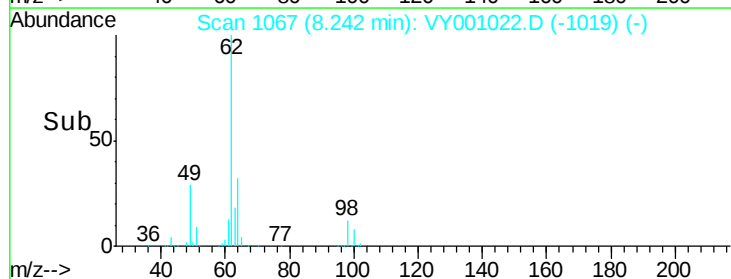
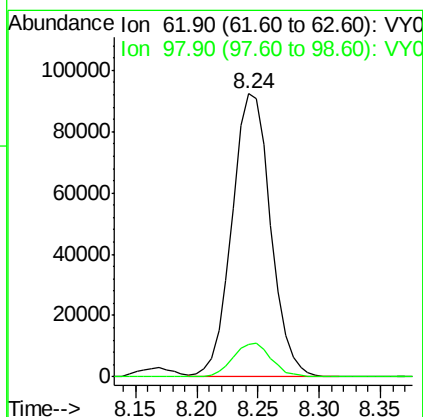
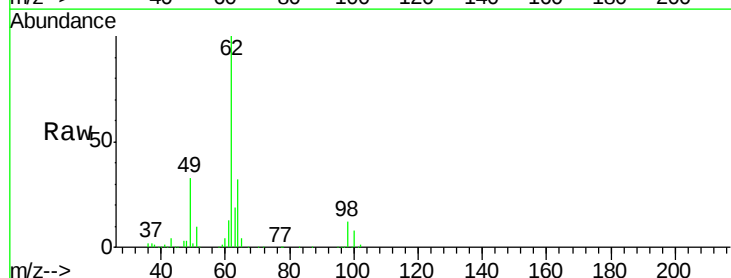
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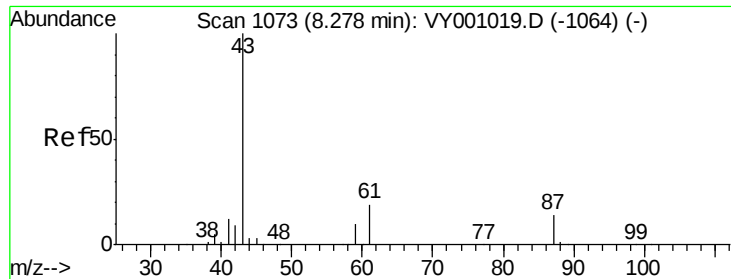
apatel
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#42
1,2-Dichloroethane
Concen: 49.133 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	62	Resp	202431
Ion Ratio	Lower	Upper	
62	100		
98	11.8	0.0	23.4





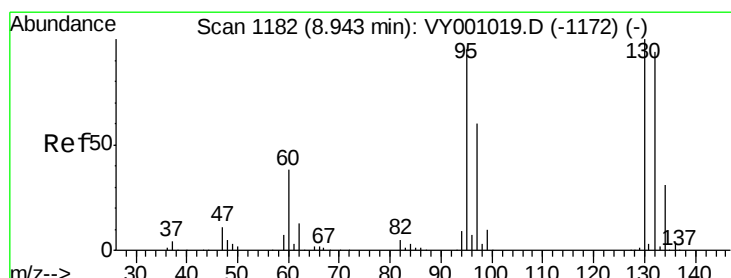
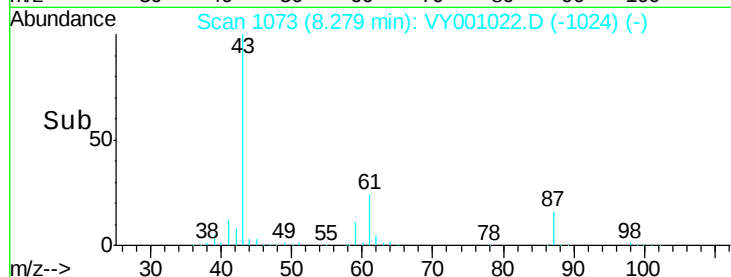
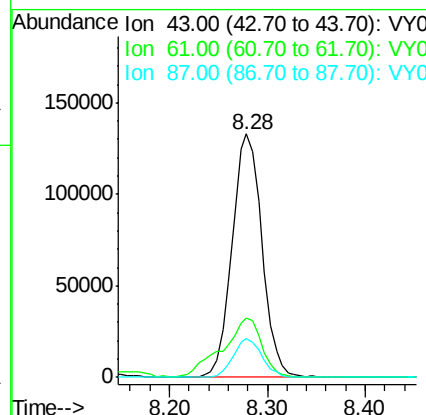
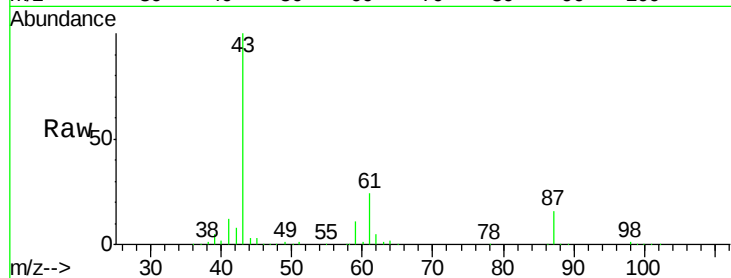
#43
Isopropyl Acetate
Concen: 48.096 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVY122319

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.0	37.6
87	15.5	12.0	18.0

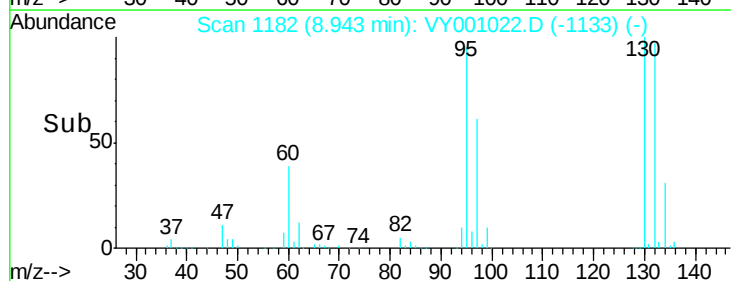
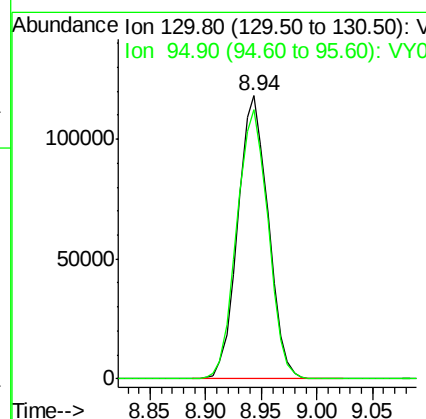
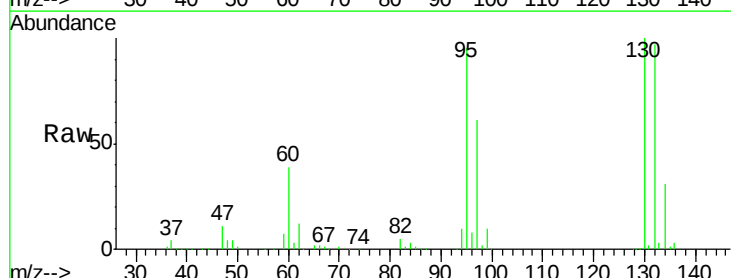
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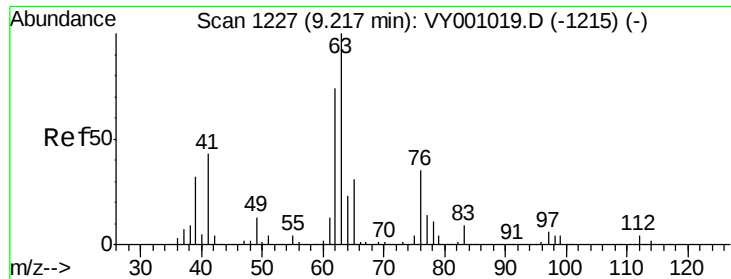
apatel
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#44
Trichloroethene
Concen: 49.222 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	190.6





#45

1,2-Dichloropropane

Concen: 48.370 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 63 Resp: 209110

Ion Ratio Lower Upper

63 100

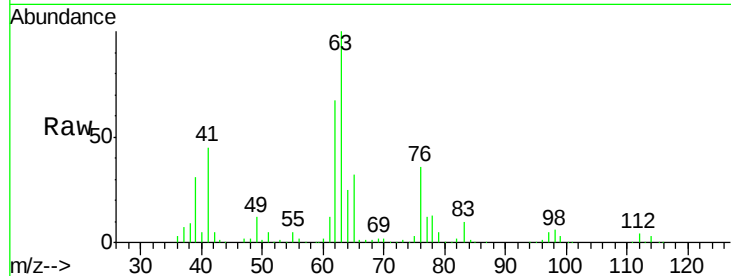
65 32.1 25.1 37.7

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

120000

100000

80000

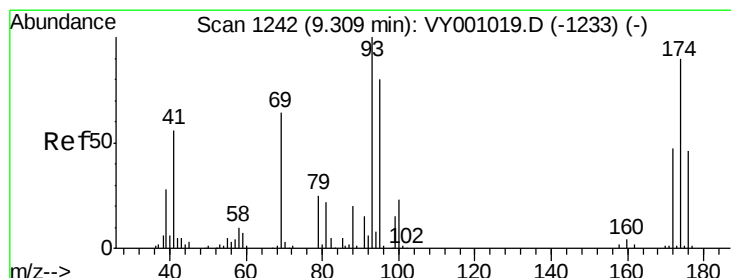
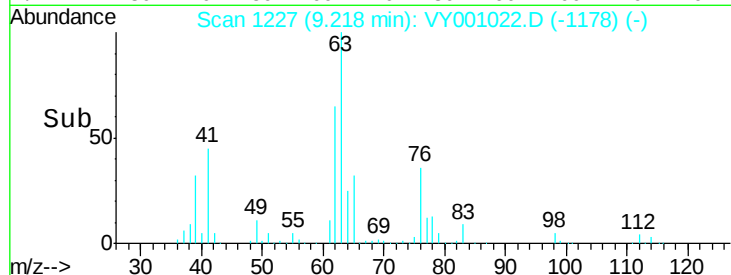
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 49.635 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

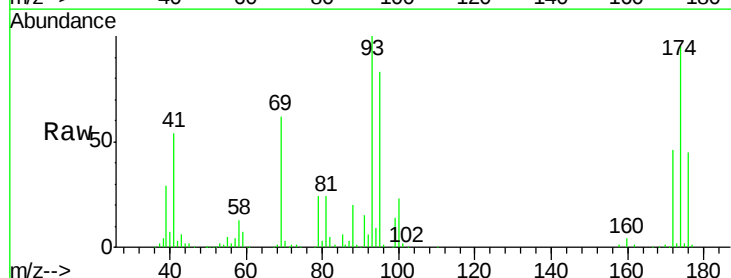
Tgt Ion: 93 Resp: 110614

Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 92.8 73.6 110.4



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

80000

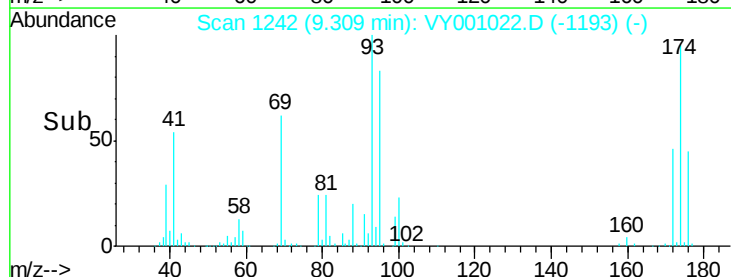
60000

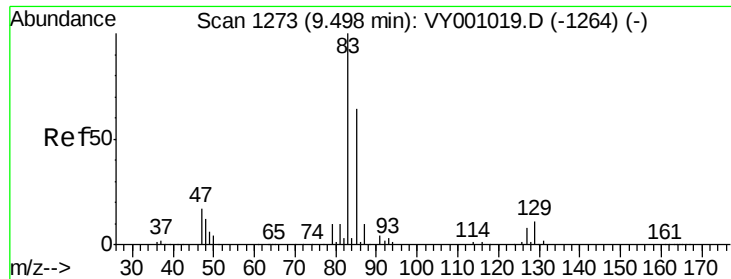
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 49.532 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

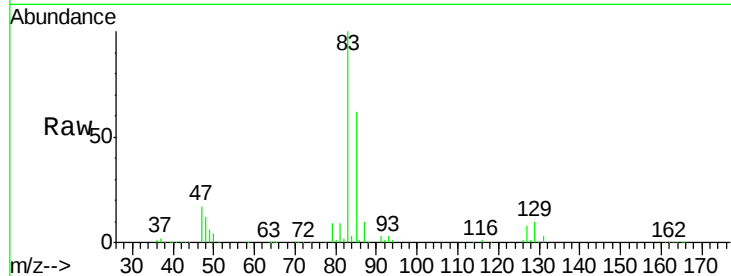
ClientSampleId :

ICVVY122319

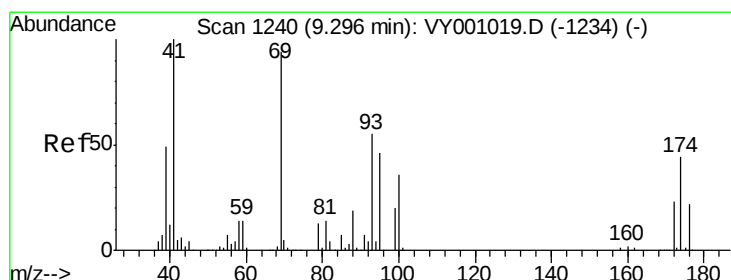
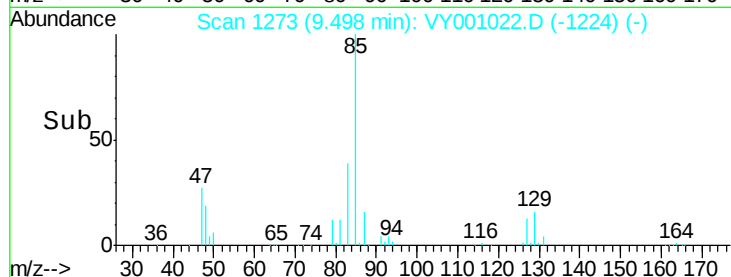
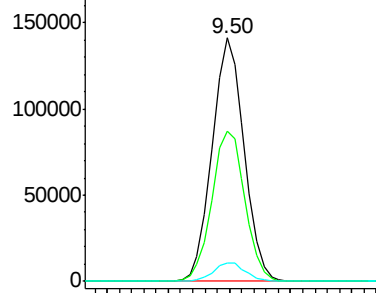
Tot Ion:	83	Resp:	255687
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.9	76.3
127	7.8	6.4	9.6

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.775 ug/l

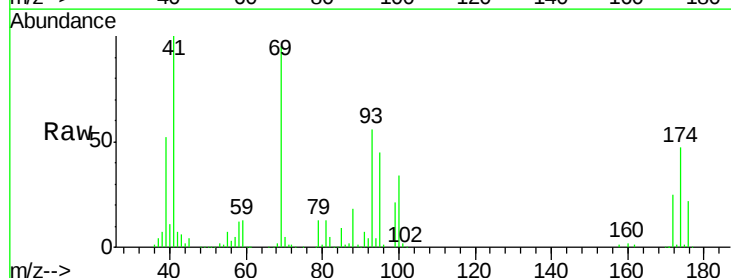
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

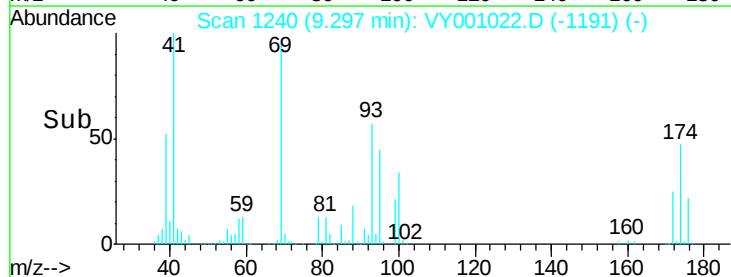
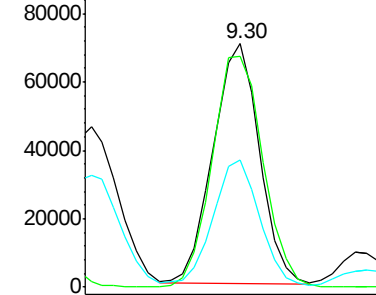
Lab File: VY001022.D

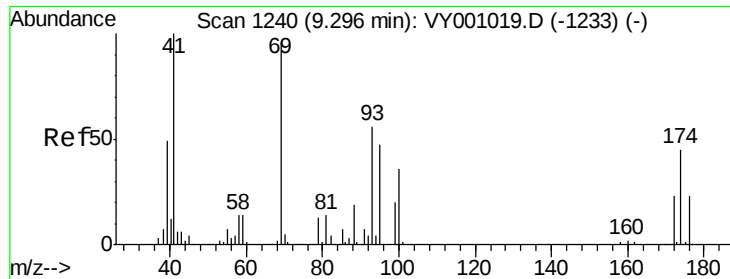
Acq: 23 Dec 2019 12:26

Tgt Ion:	41	Resp:	119368
Ion Ratio	Lower	Upper	
41	100		
69	106.1	79.8	119.6
39	54.5	41.7	62.5



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





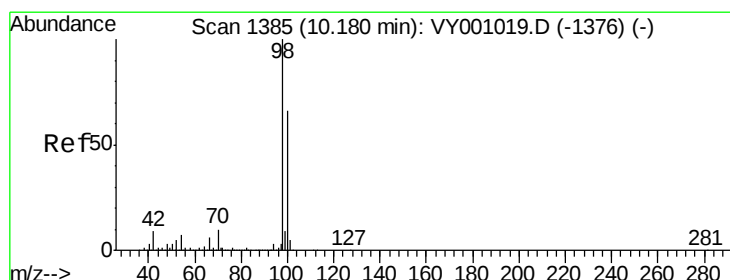
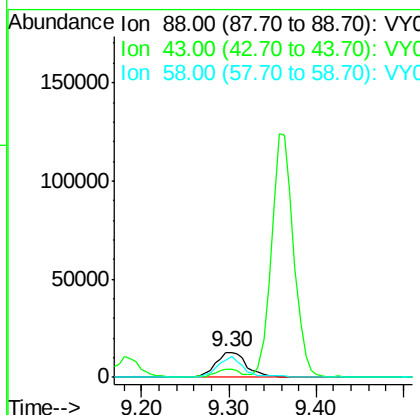
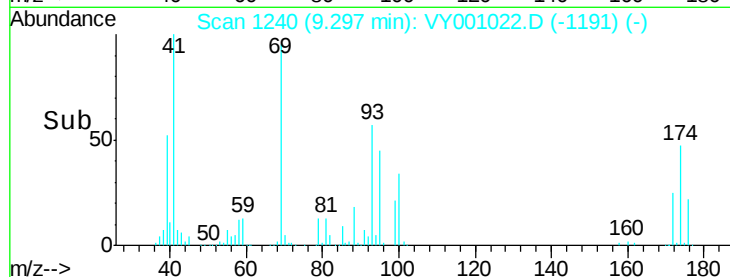
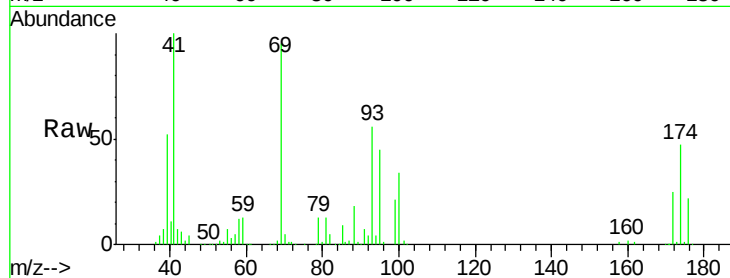
#49
1,4-Dioxane
Concen: 976.784 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.6	23.0	34.4
58	69.9	54.9	82.3

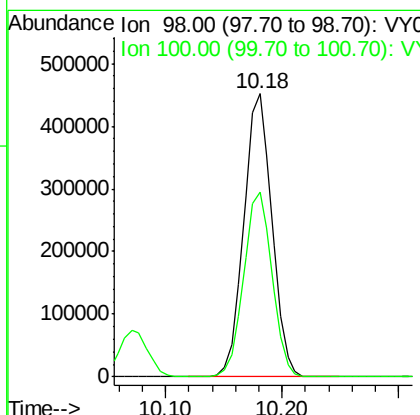
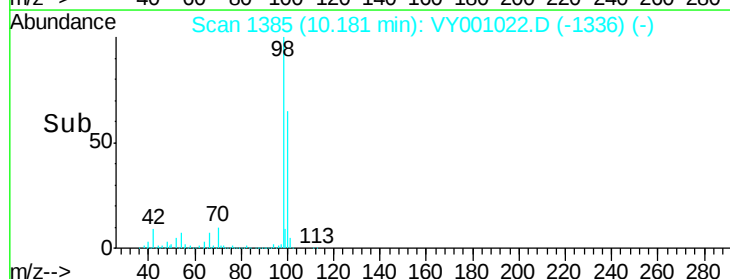
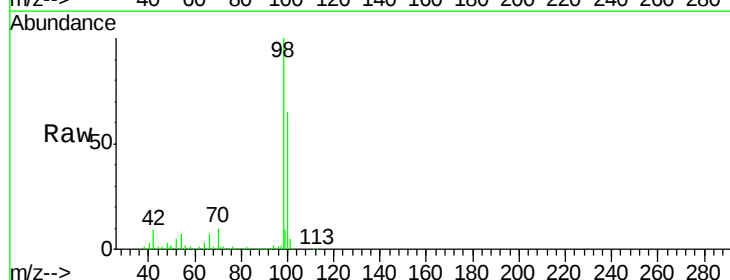
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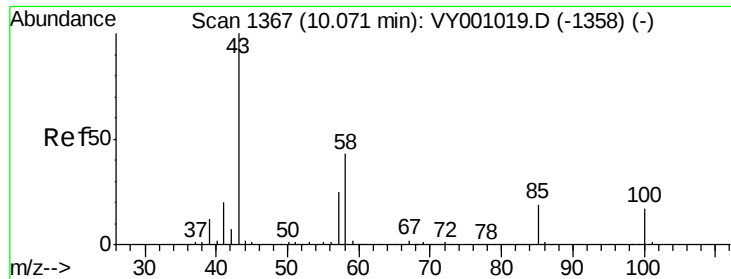
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#50
Toluene-d8
Concen: 55.316 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 237.455 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122319

Tot Ion: 43 Resp: 724649

Ion Ratio Lower Upper

43 100

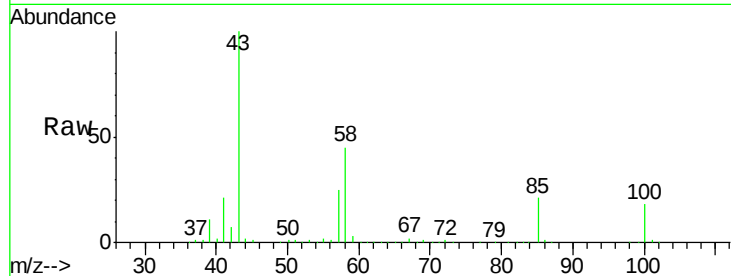
58 43.6 34.6 52.0

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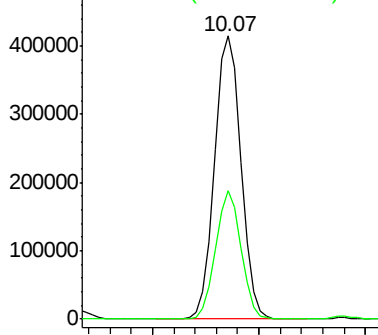
apatel

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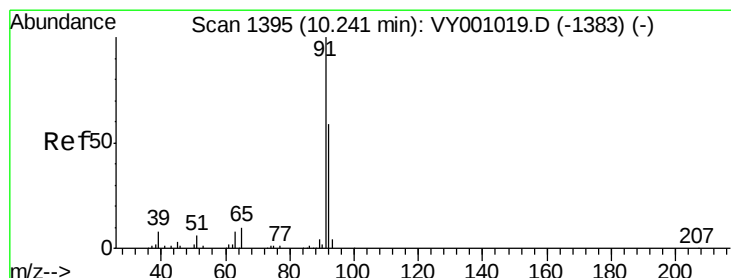
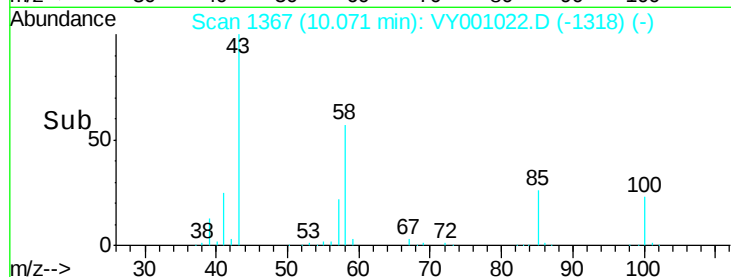


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#52

Toluene

Concen: 49.898 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001022.D

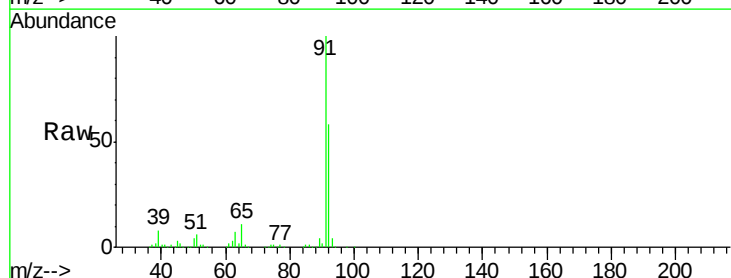
Acq: 23 Dec 2019 12:26

Tgt Ion: 92 Resp: 529256

Ion Ratio Lower Upper

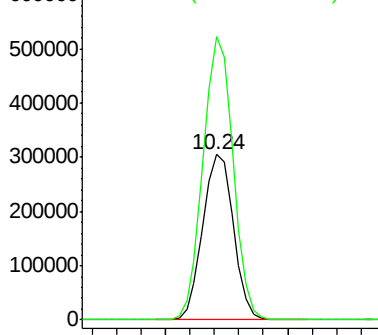
92 100

91 167.7 135.7 203.5

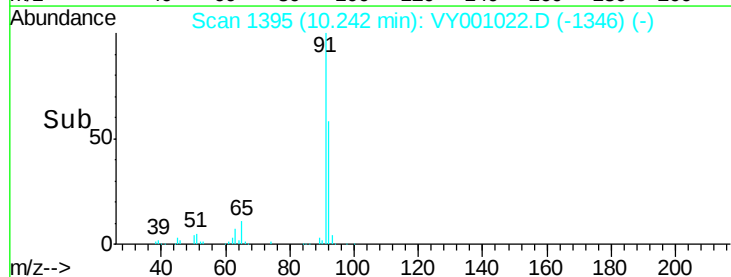


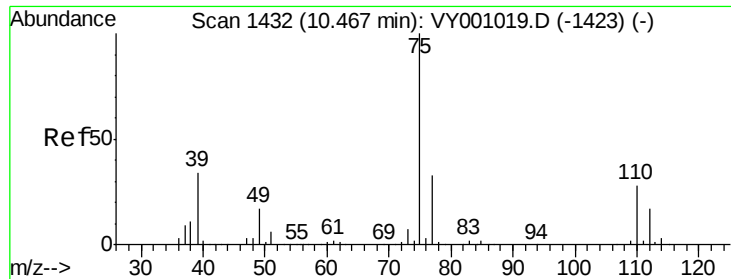
Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



Time-->





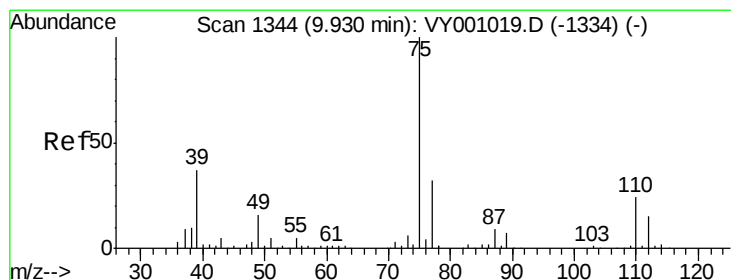
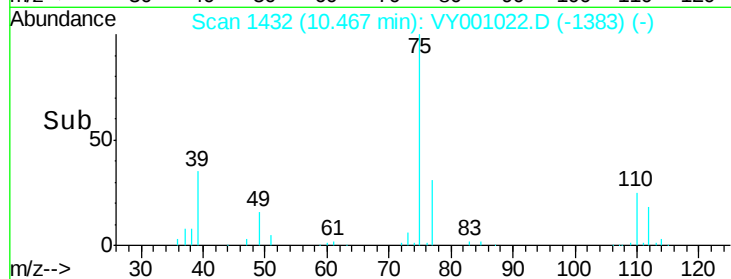
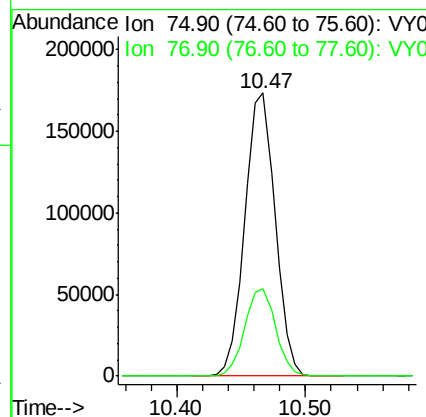
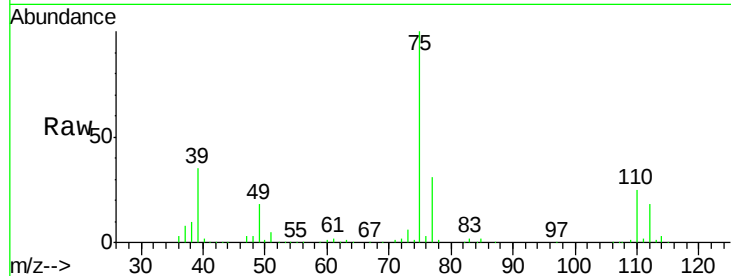
#53
t-1,3-Dichloropropene
Concen: 50.283 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.5	39.7

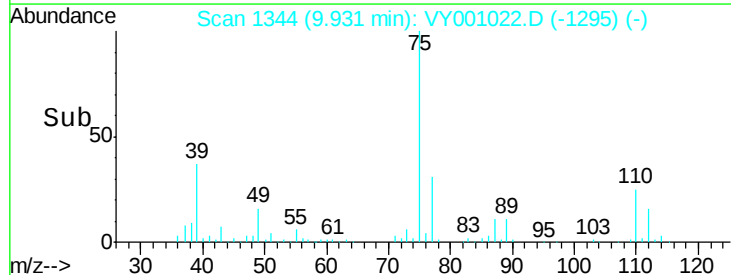
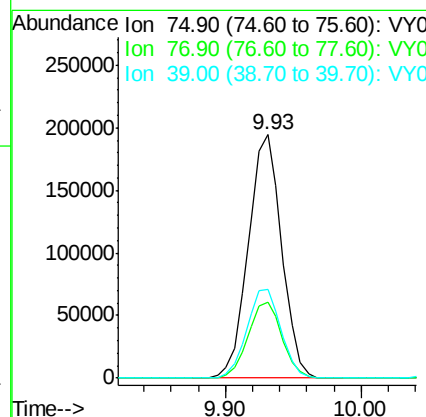
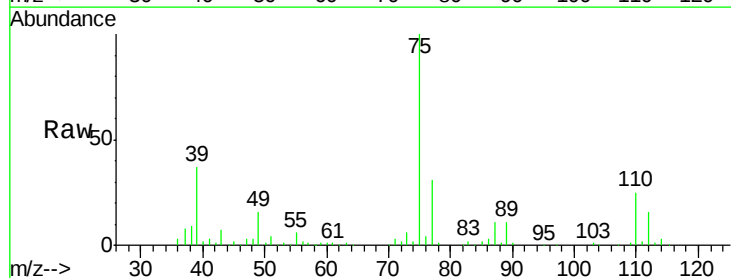
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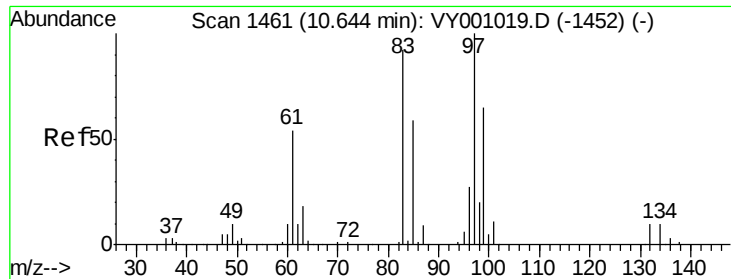
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#54
cis-1,3-Dichloropropene
Concen: 49.416 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
39	36.6	29.5	44.3





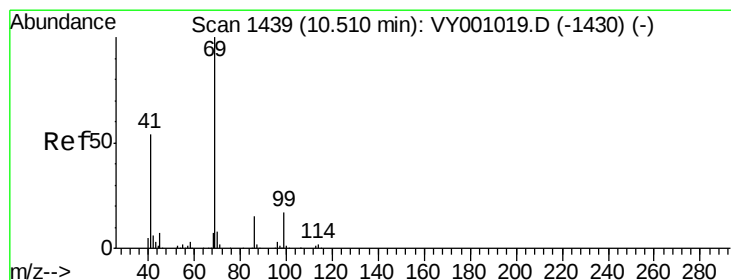
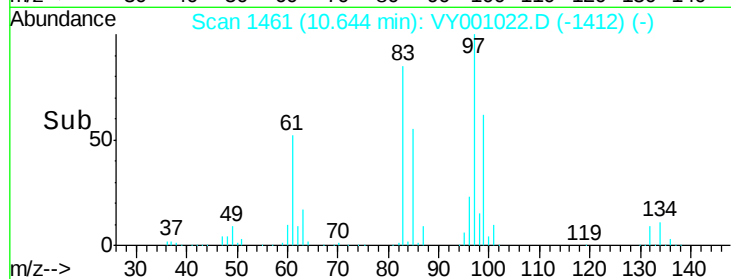
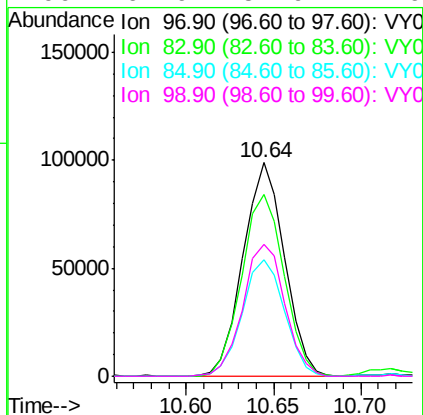
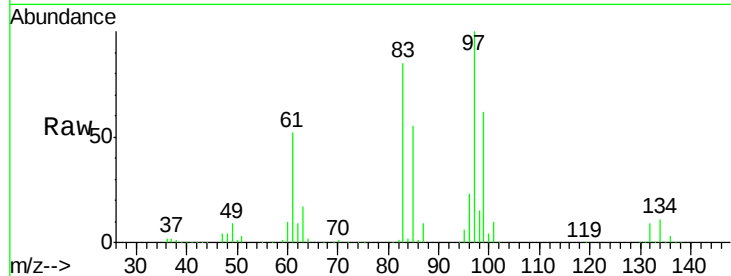
#55
 1,1,2-Trichloroethane
 Concen: 49.076 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion:	97	Resp:	163273
Ion	Ratio	Lower	Upper
97	100		
83	85.1	73.7	110.5
85	54.6	47.3	70.9
99	61.9	51.9	77.9

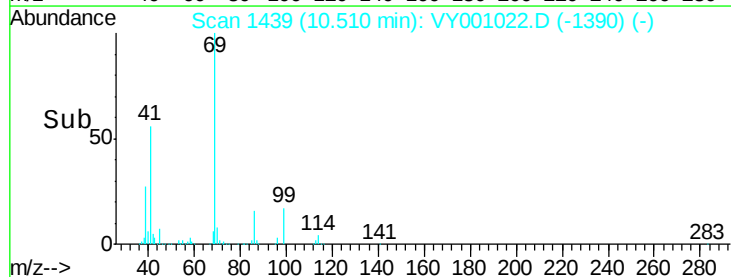
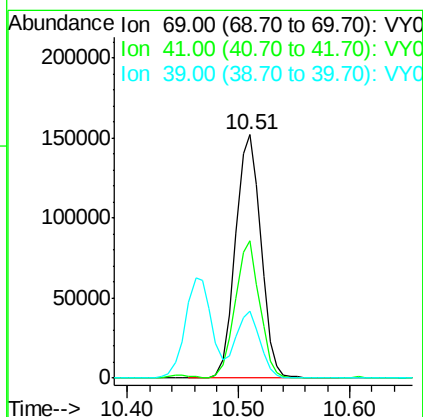
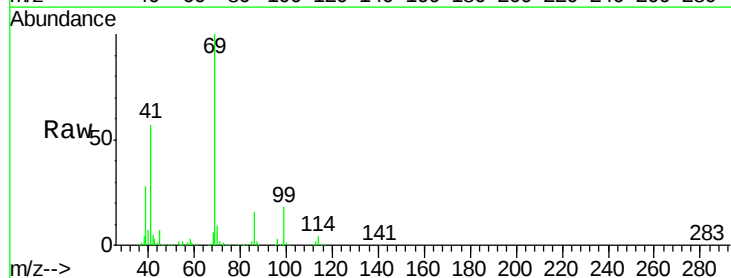
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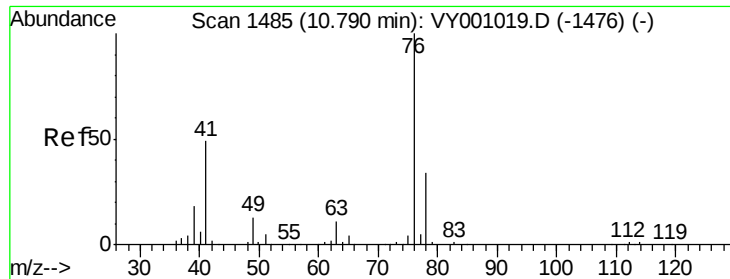
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#56
 Ethyl methacrylate
 Concen: 50.674 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion:	69	Resp:	239945
Ion	Ratio	Lower	Upper
69	100		
41	54.2	44.7	67.1
39	26.6	22.2	33.4





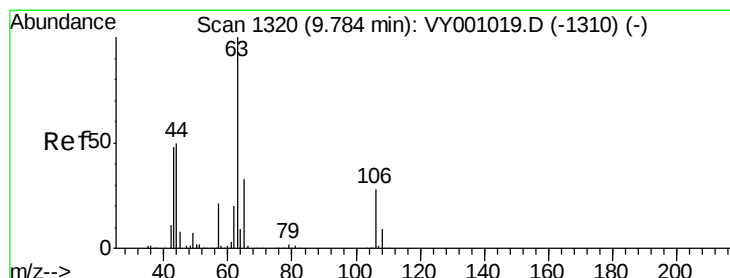
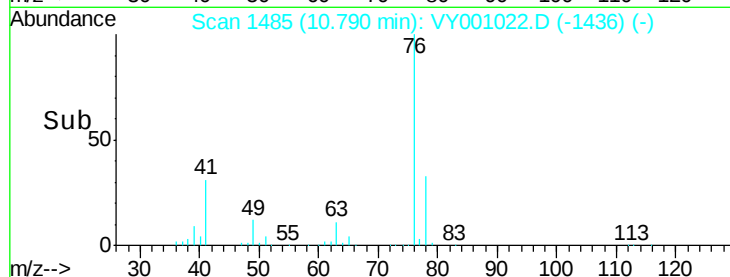
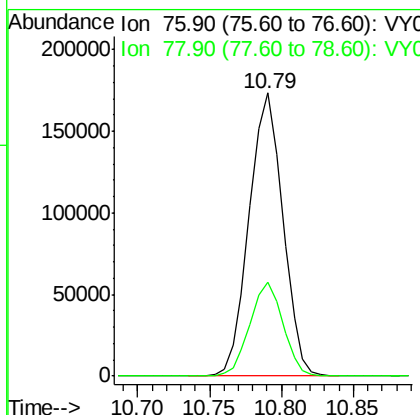
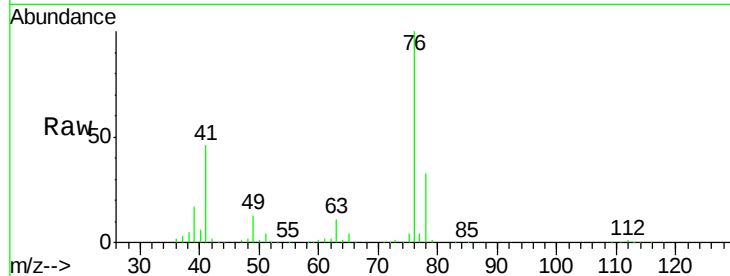
#57
 1,3-Dichloropropane
 Concen: 48.166 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

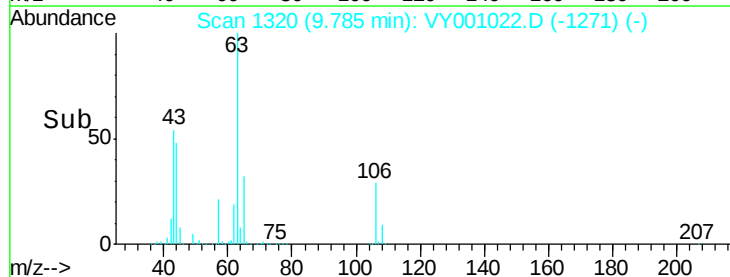
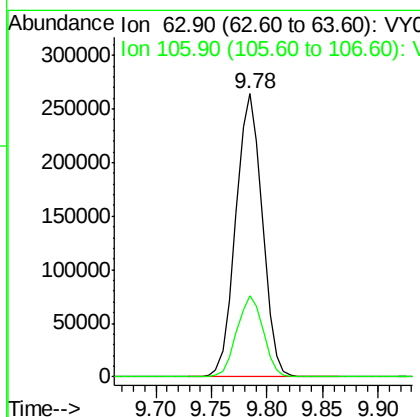
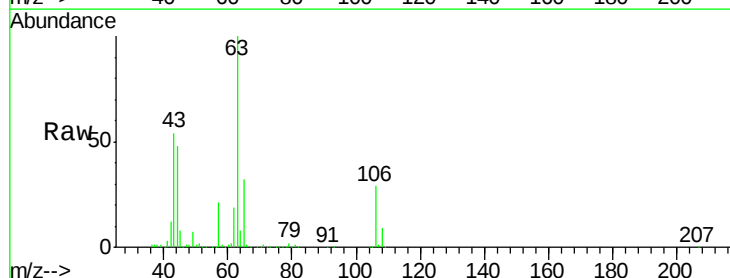
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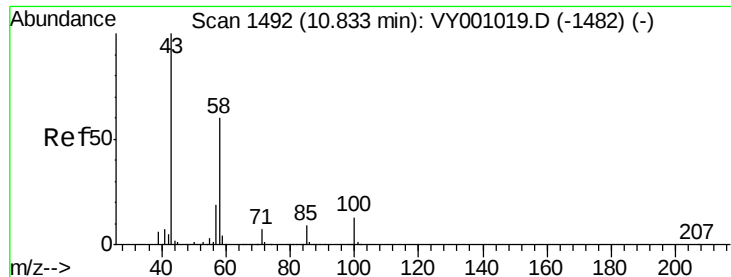
apatel
 12/24/2019 11:06:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.375 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.7	34.1





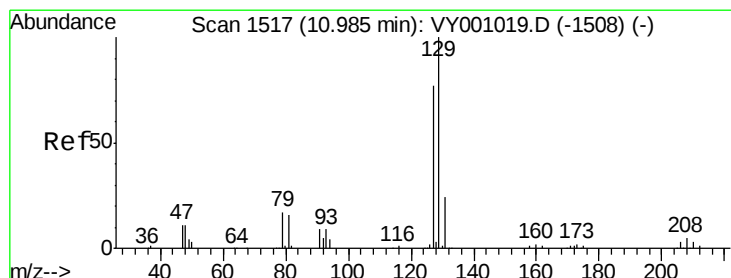
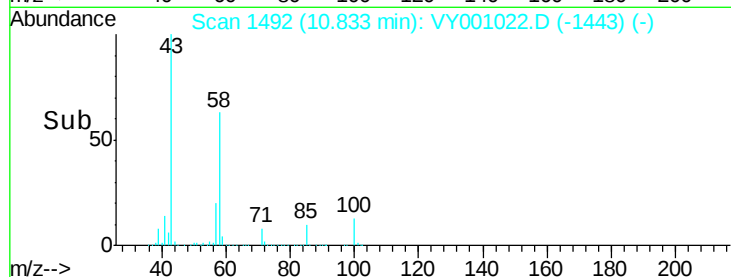
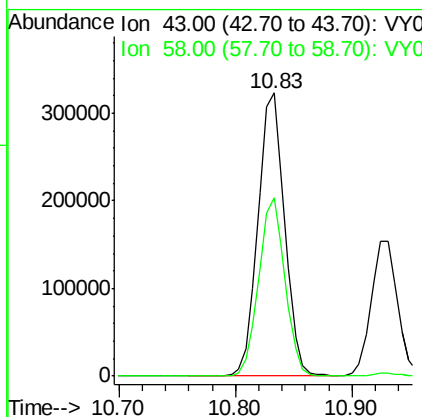
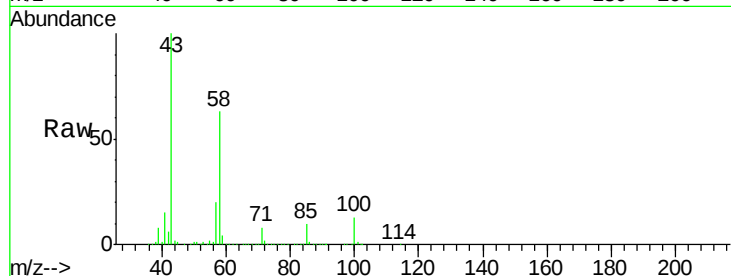
#59
2-Hexanone
Concen: 242.913 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	43	Resp	512941
Ion Ratio	100	Lower	Upper
43	100		
58	62.0	30.6	91.6

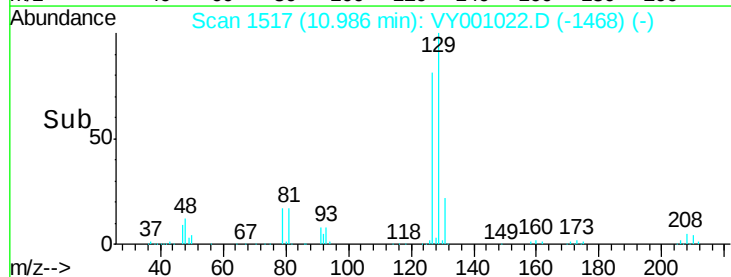
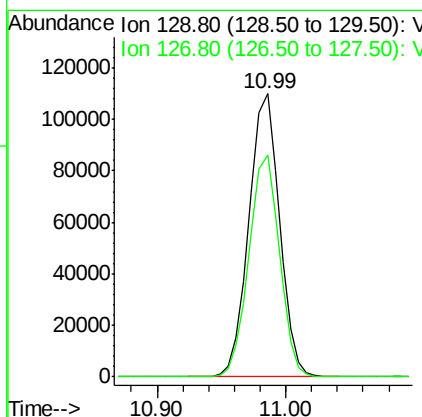
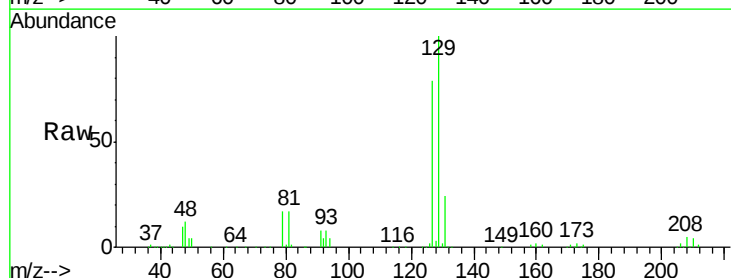
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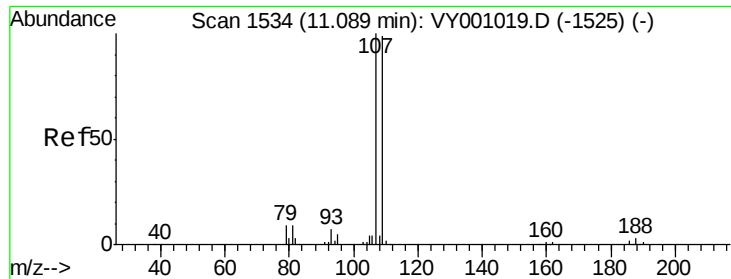
apatel
12/24/2019 11:06:05 AM



#60
Dibromochloromethane
Concen: 50.775 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	129	Resp	180442
Ion Ratio	100	Lower	Upper
129	100		
127	78.0	39.1	117.3





#61

1,2-Dibromoethane

Concen: 49.593 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion: 107 Resp: 157778

Ion Ratio Lower Upper

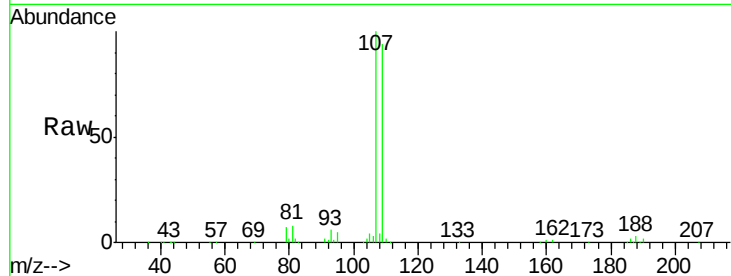
107 100

109 93.9 74.8 112.2

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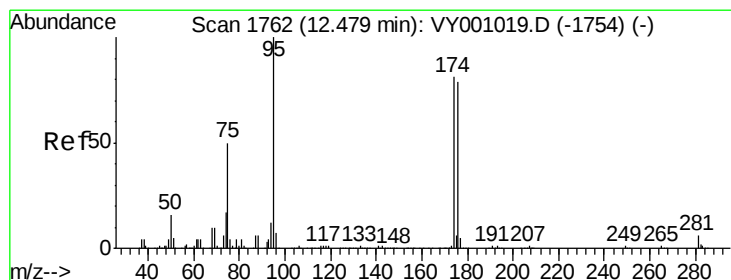
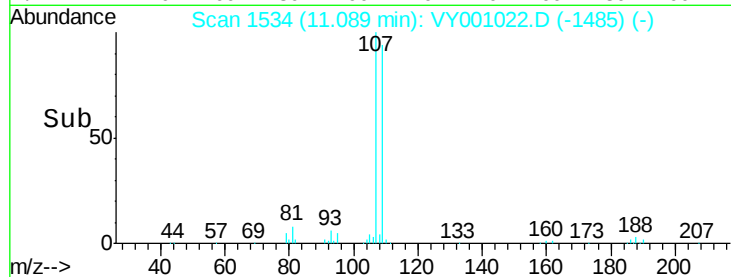
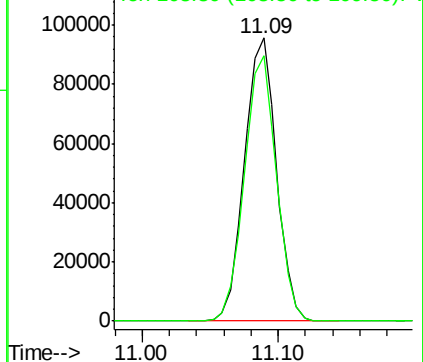
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.551 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

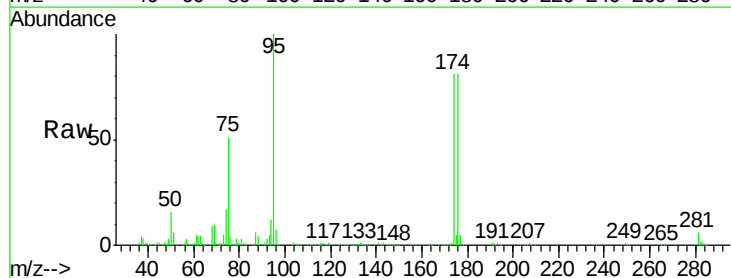
Tgt Ion: 95 Resp: 249633

Ion Ratio Lower Upper

95 100

174 78.8 0.0 156.4

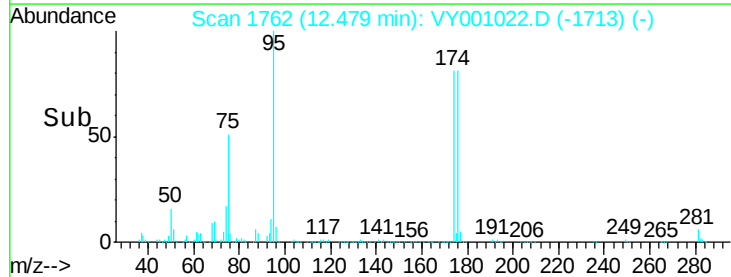
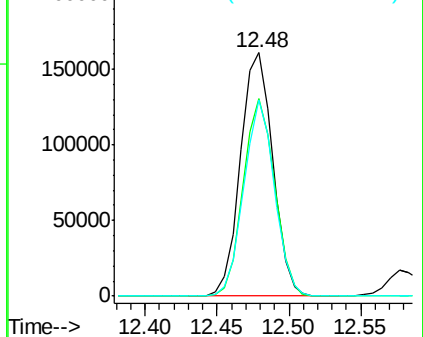
176 76.4 0.0 155.0

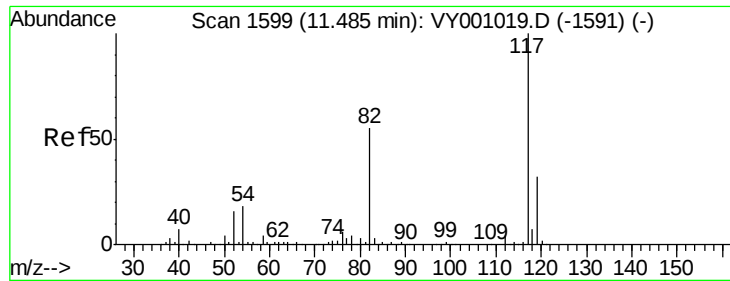


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





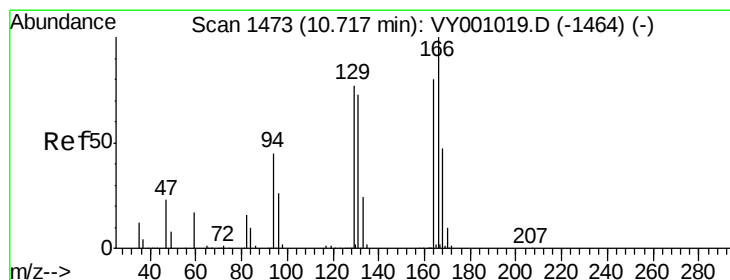
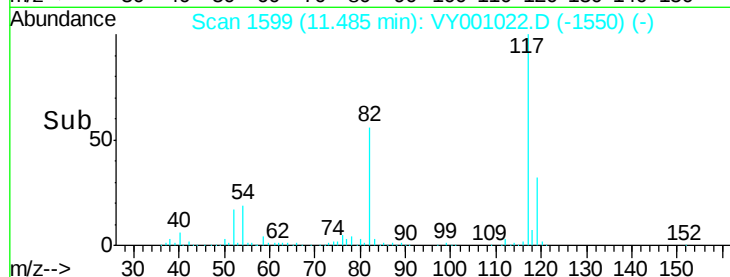
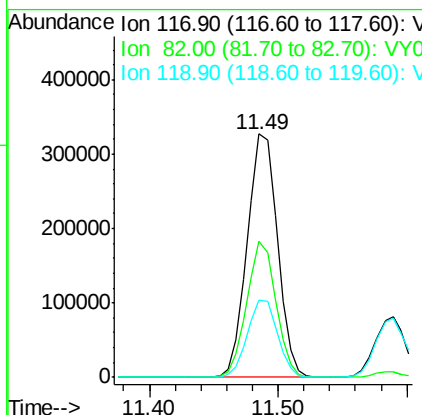
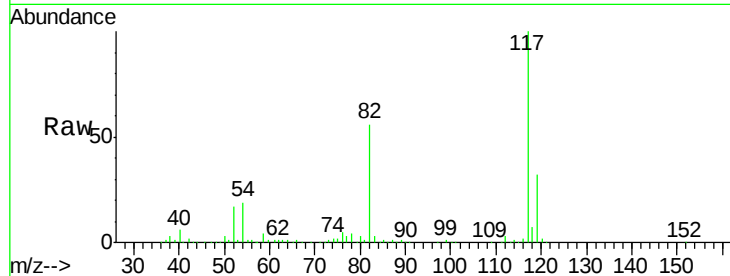
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122319

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.8	65.8
119	31.8	25.8	38.6

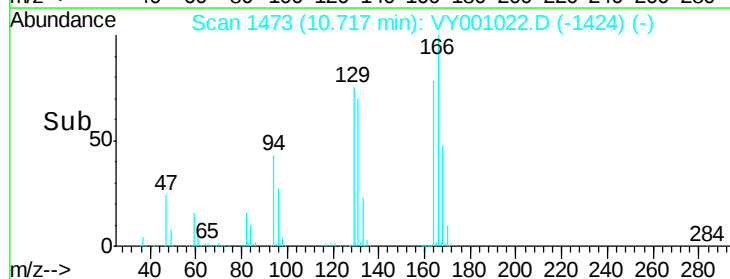
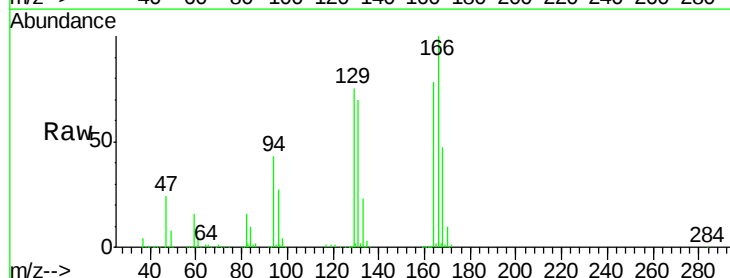
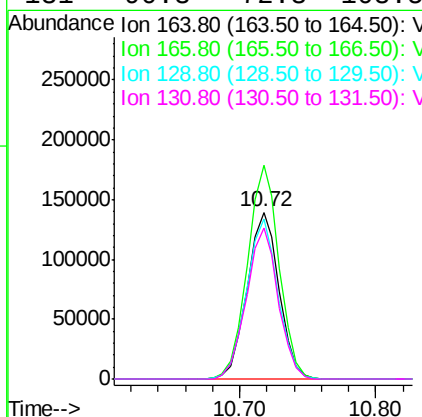
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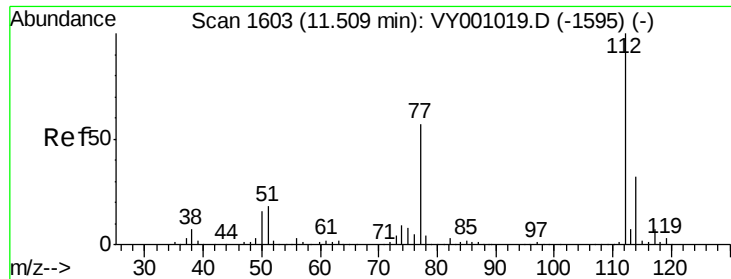
apatel
12/24/2019 11:06:05 AM



#64
Tetrachloroethene
Concen: 49.745 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.7	149.5
129	95.8	76.9	115.3
131	90.3	72.3	108.5





#65

Chlorobenzene

Concen: 49.461 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion:112 Resp: 544288

Ion Ratio Lower Upper

112 100

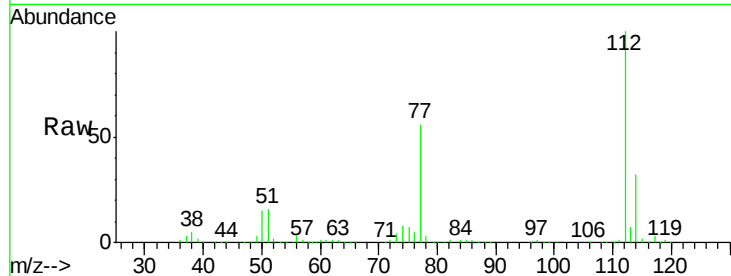
114 31.6 25.4 38.2

Manual Integrations

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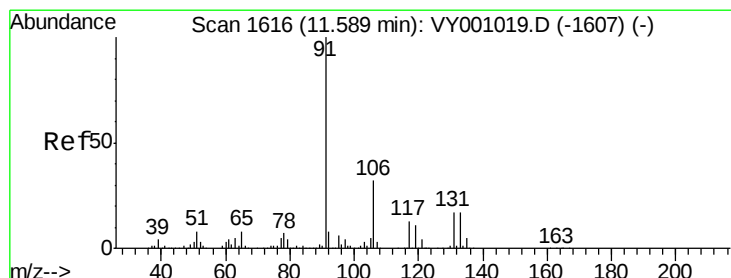
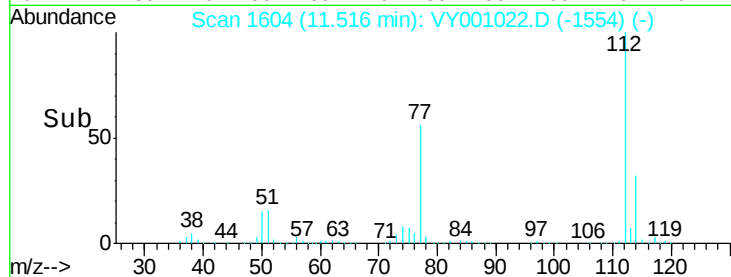
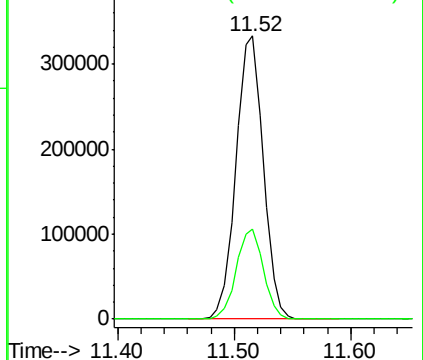
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.637 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

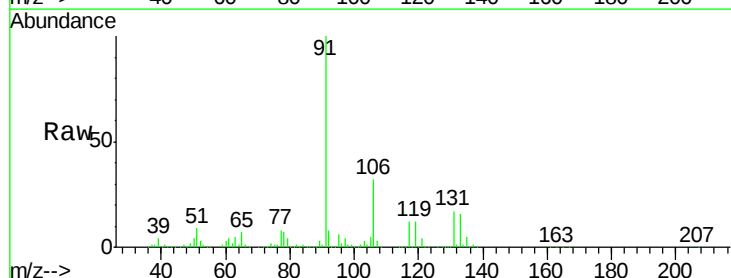
Tgt Ion:131 Resp: 183887

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

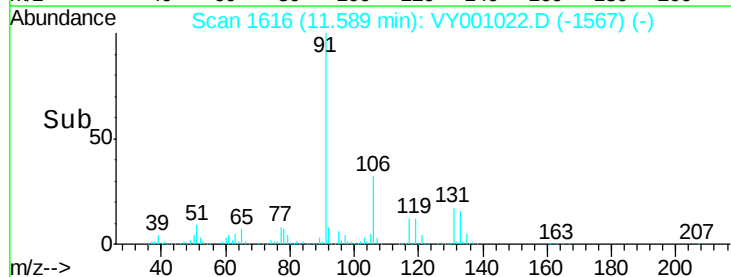
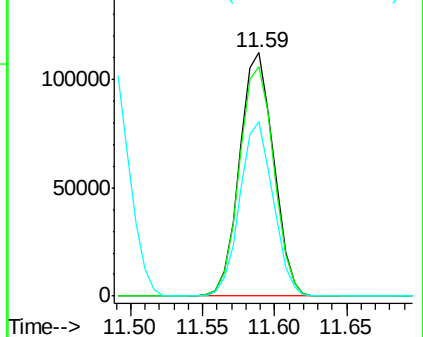
119 70.2 34.0 101.8

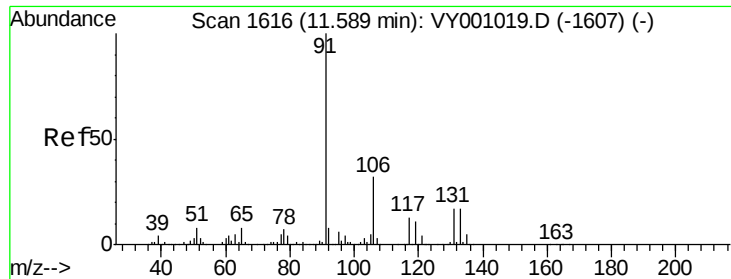


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





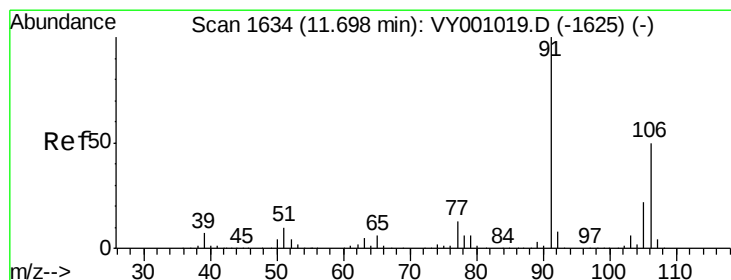
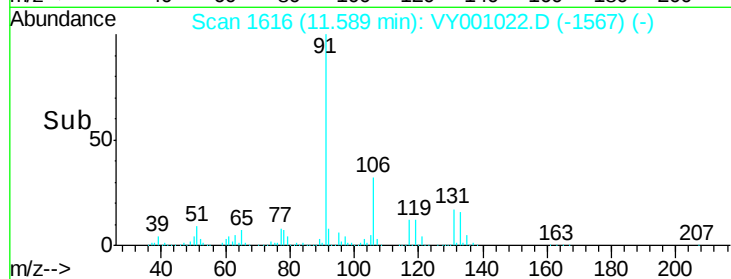
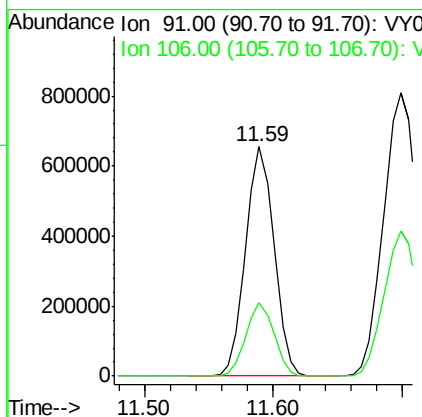
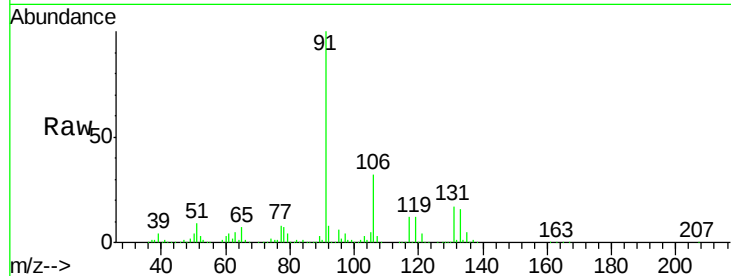
#67
Ethyl Benzene
Concen: 50.386 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVY122319

Tot Ion: 91 Resp: 997309
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9

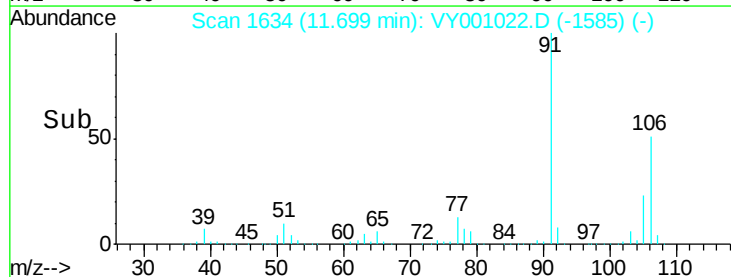
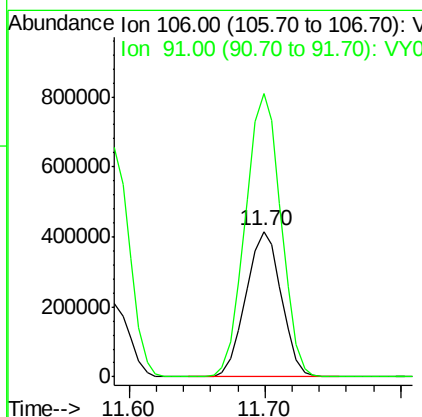
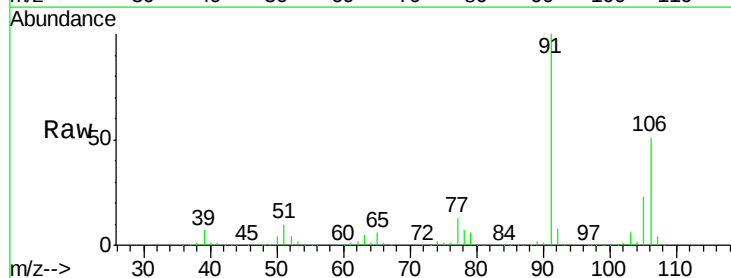
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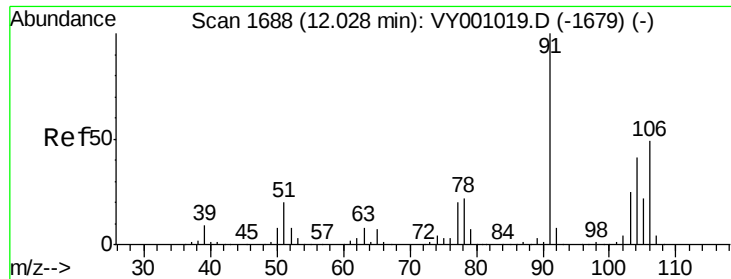
apatel
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#68
m/p-Xylenes
Concen: 100.679 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion: 106 Resp: 756645
Ion Ratio Lower Upper
106 100
91 196.0 156.4 234.6





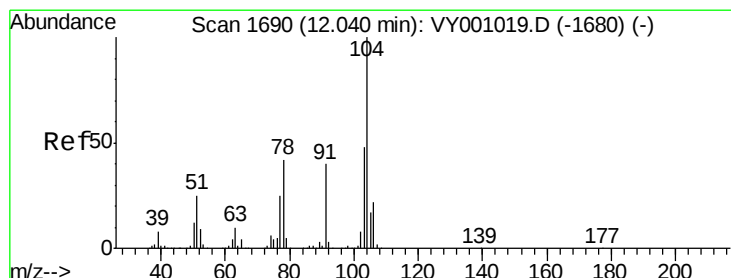
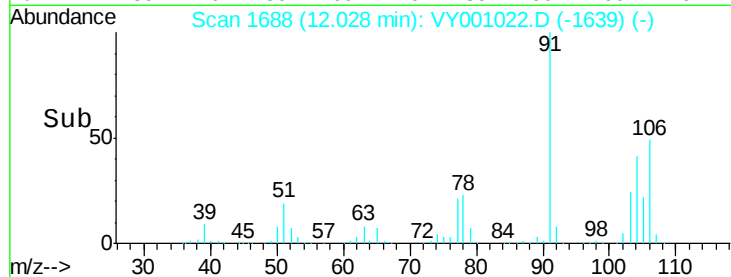
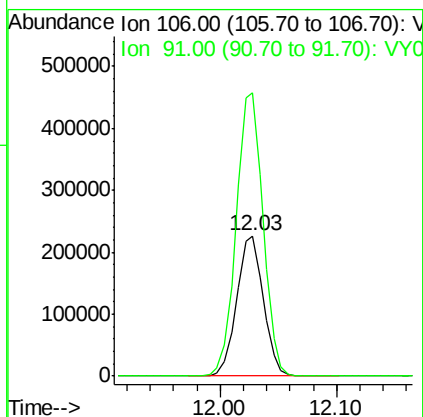
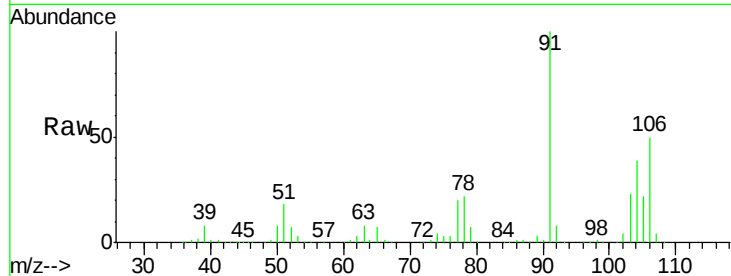
#69
o-Xylene
Concen: 50.917 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVY122319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		359994		
91	203.9	103.0	309.0		

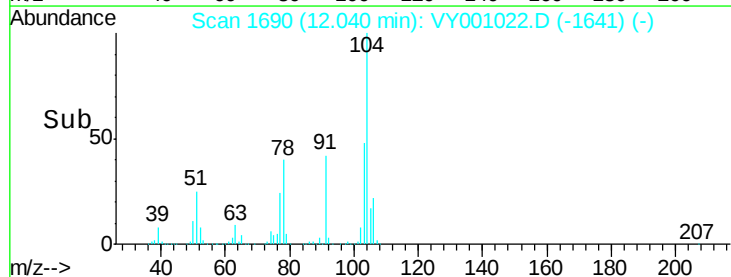
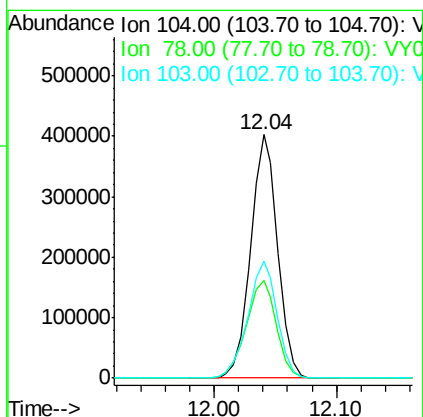
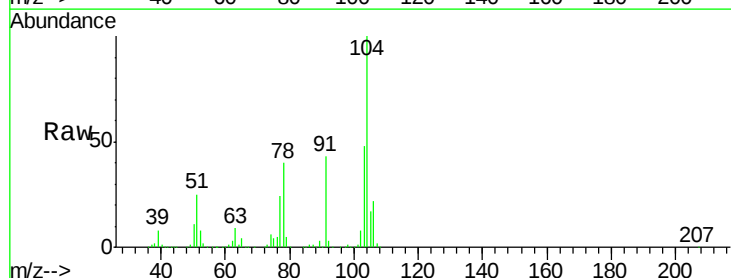
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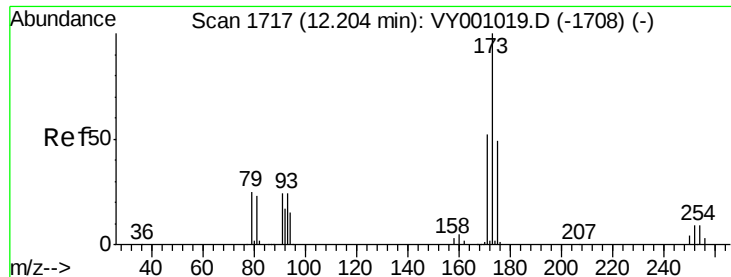
apatel
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#70
Styrene
Concen: 51.359 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		617437		
78	44.8	36.6	54.8		
103	52.4	42.6	64.0		





#71

Bromoform

Concen: 51.729 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion:173 Resp: 104600

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

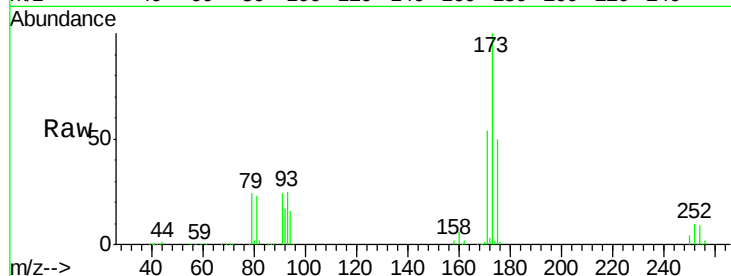
254 0.1 0.0 0.0#

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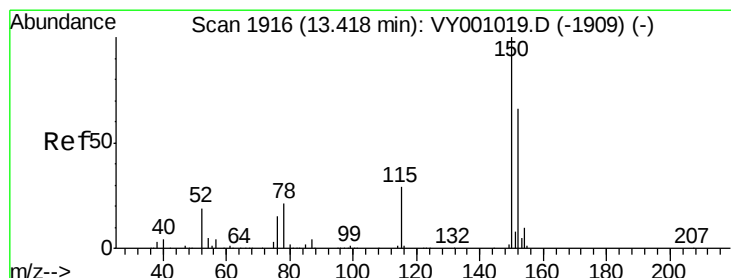
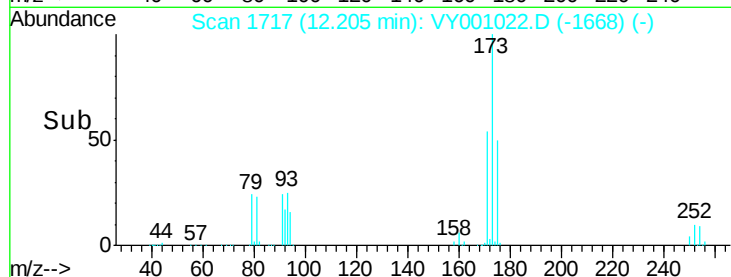
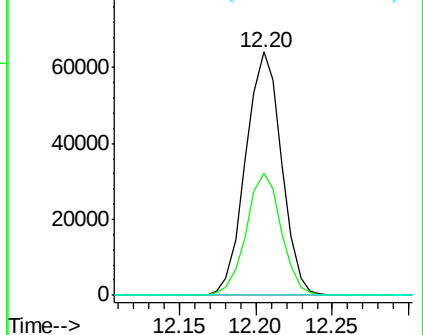
12/24/2019 11:06:05 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

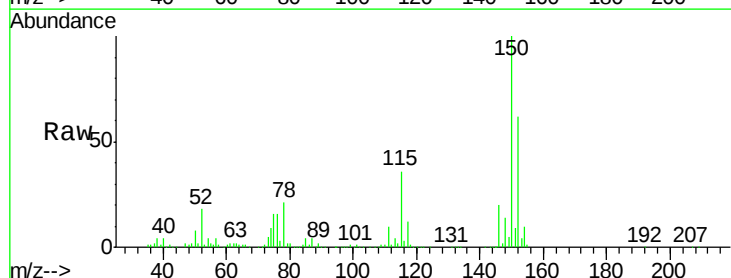
Tgt Ion:152 Resp: 242254

Ion Ratio Lower Upper

152 100

115 58.8 29.8 89.3

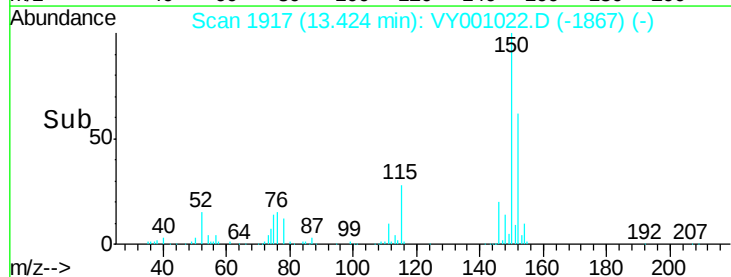
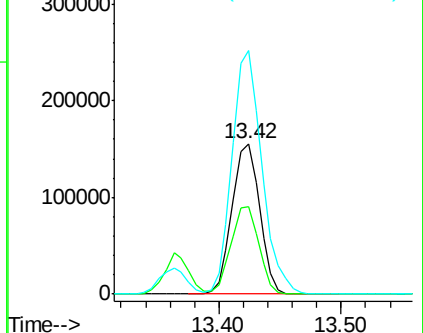
150 175.2 0.0 352.6

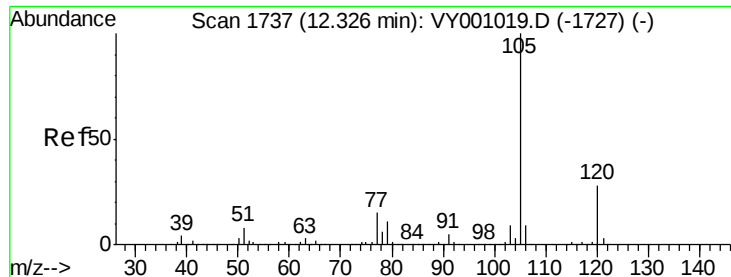


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.663 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122319

Tot Ion: 105 Resp: 949773

Ion Ratio Lower Upper

105 100

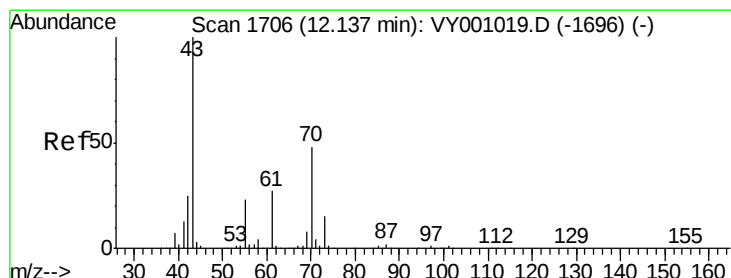
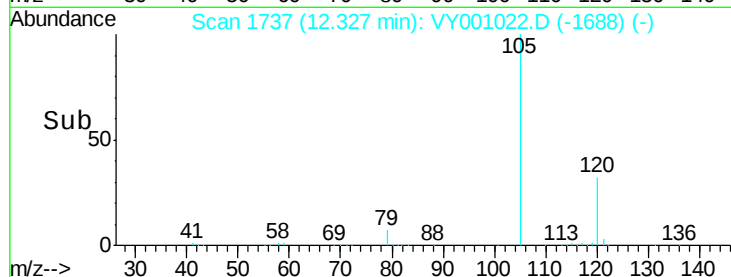
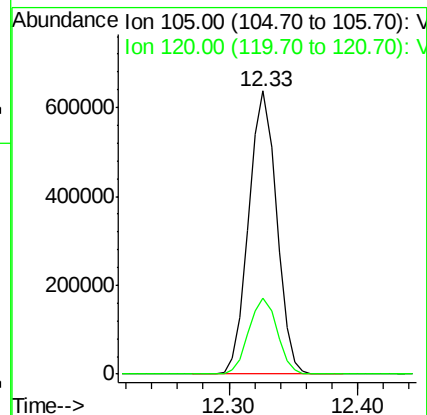
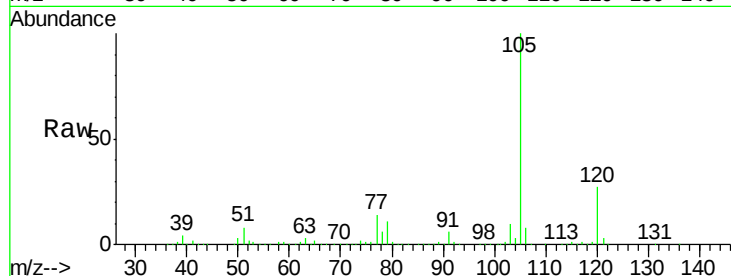
120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 49.551 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion: 43 Resp: 244037

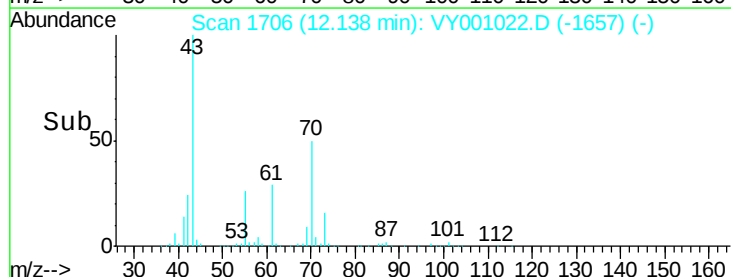
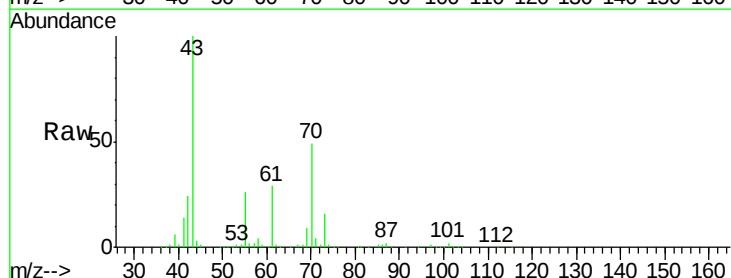
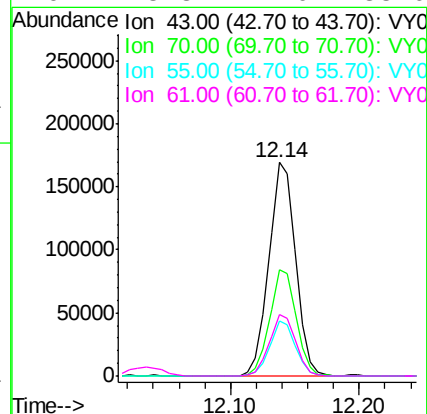
Ion Ratio Lower Upper

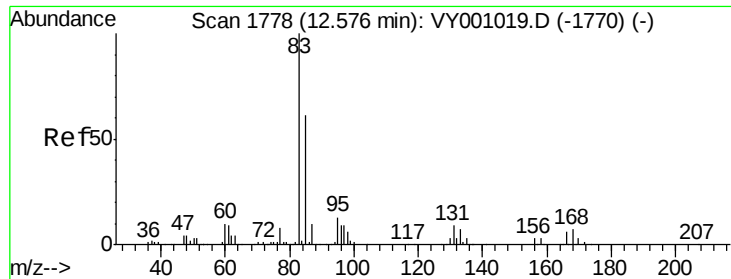
43 100

70 49.5 39.0 58.6

55 25.2 19.5 29.3

61 28.3 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.950 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

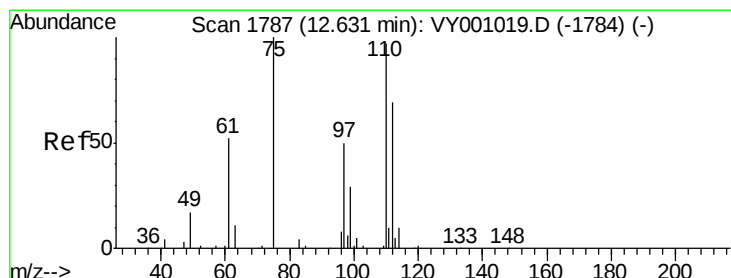
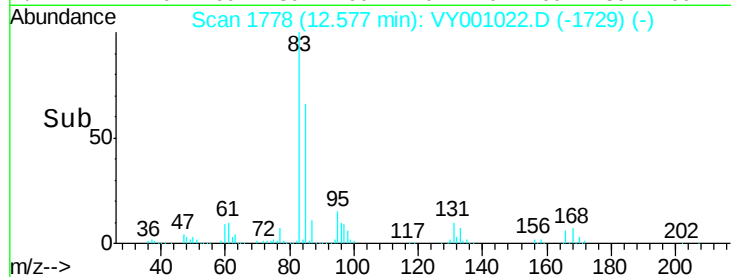
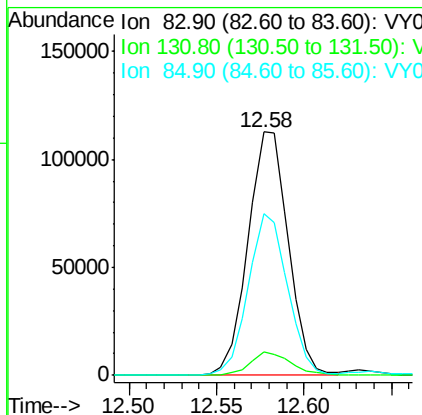
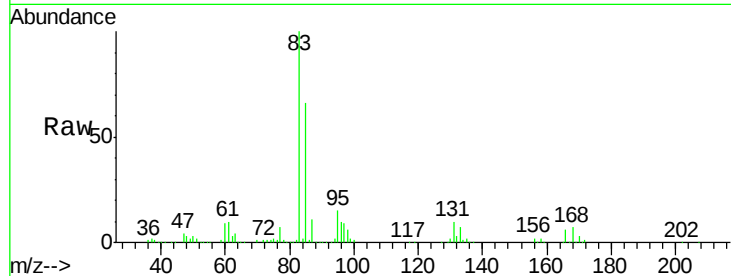
ClientSampleId :

ICVY122319

Tot Ion:	83	Resp:	180779
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	64.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 41.452 ug/l m

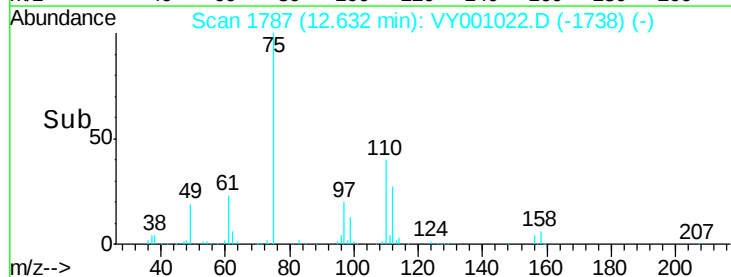
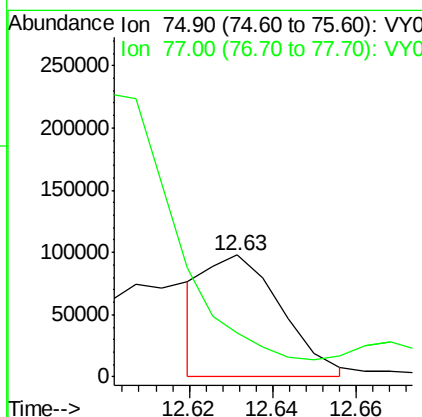
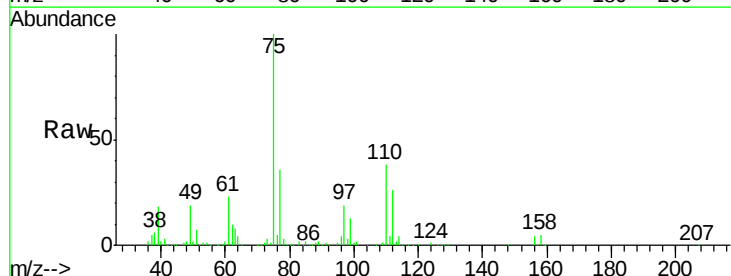
RT: 12.63 min Scan# 1787

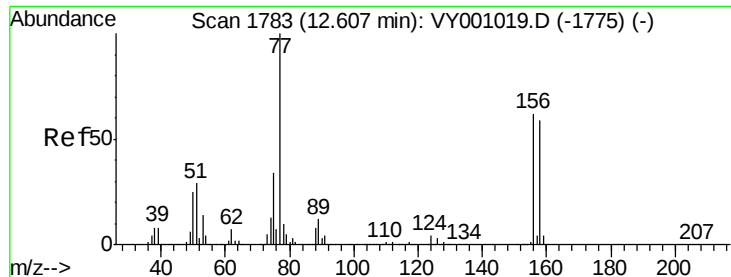
Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion:	75	Resp:	123796
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.040 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122319

Tot Ion:156 Resp: 210978

Ion Ratio Lower Upper

156 100

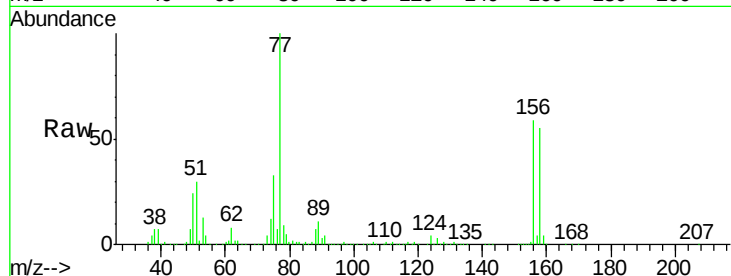
77 194.3 98.0 294.1

158 95.8 48.5 145.6

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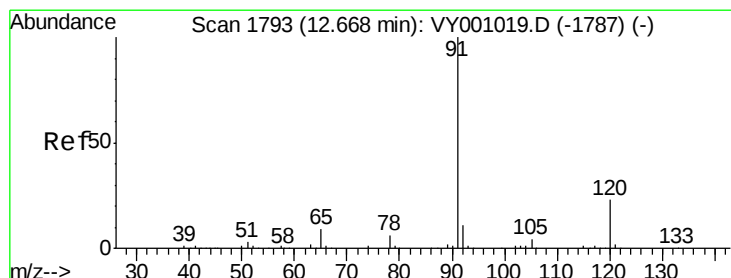
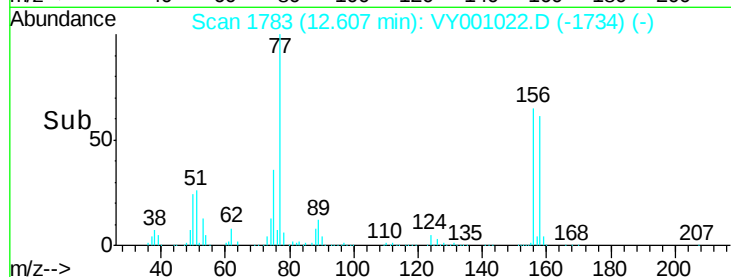
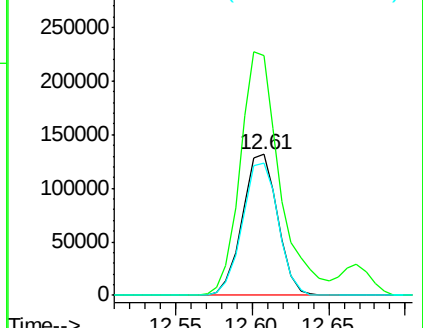
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.879 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001022.D

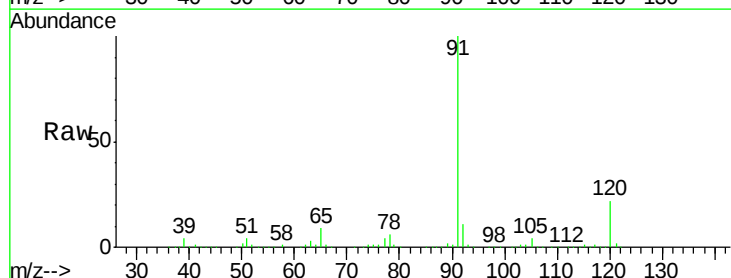
Acq: 23 Dec 2019 12:26

Tgt Ion: 91 Resp: 1162233

Ion Ratio Lower Upper

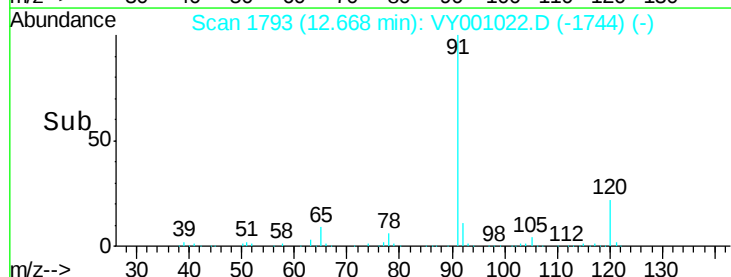
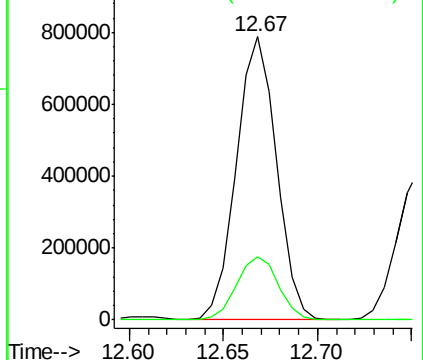
91 100

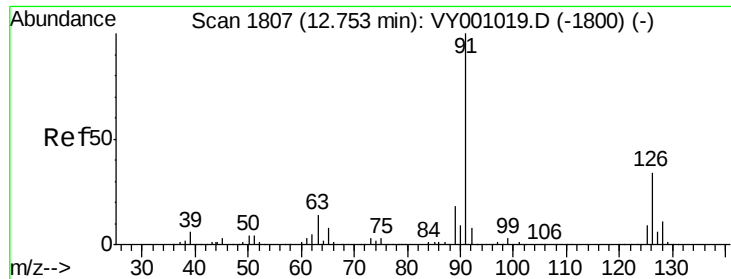
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.830 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122319

Tot Ion: 91 Resp: 628602

Ion Ratio Lower Upper

91 100

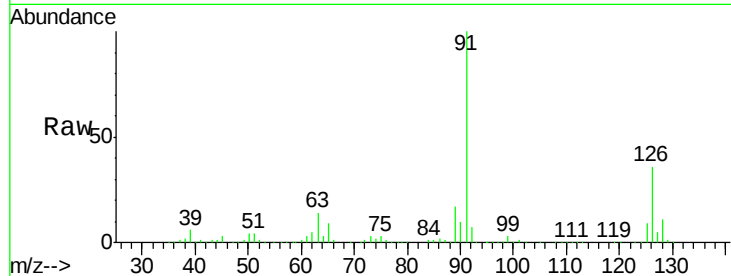
126 34.6 17.3 51.7

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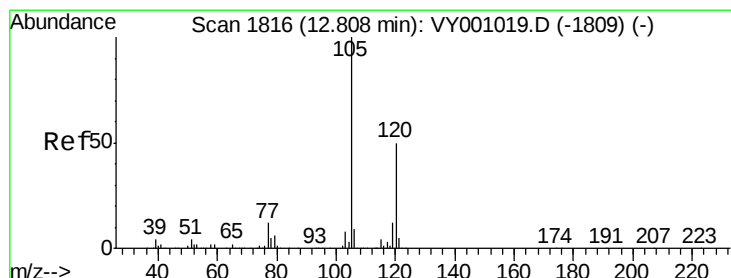
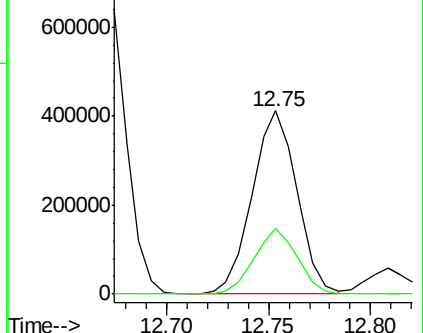
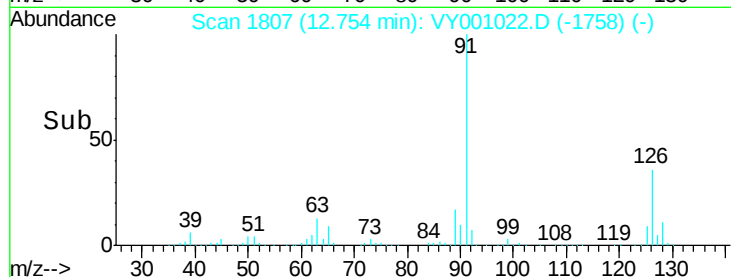
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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.170 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001022.D

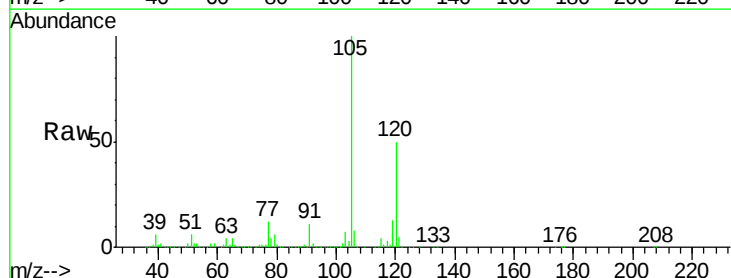
Acq: 23 Dec 2019 12:26

Tgt Ion: 105 Resp: 786301

Ion Ratio Lower Upper

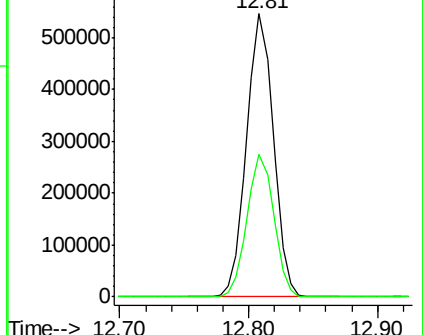
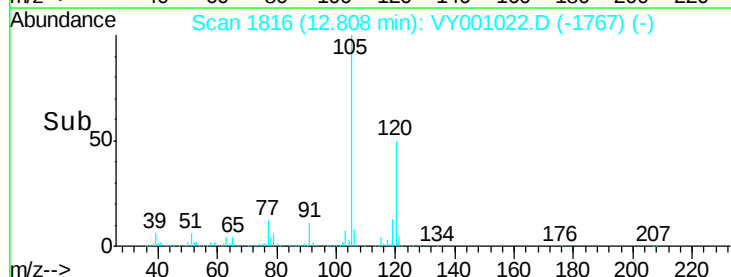
105 100

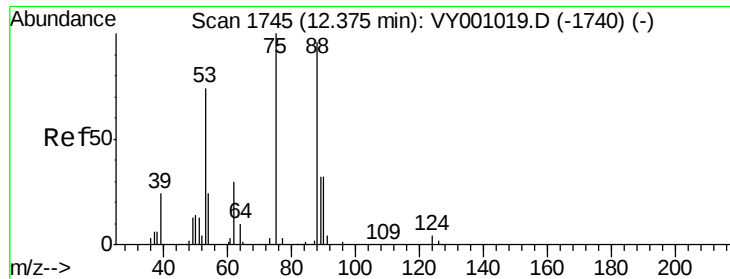
120 50.1 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.924 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

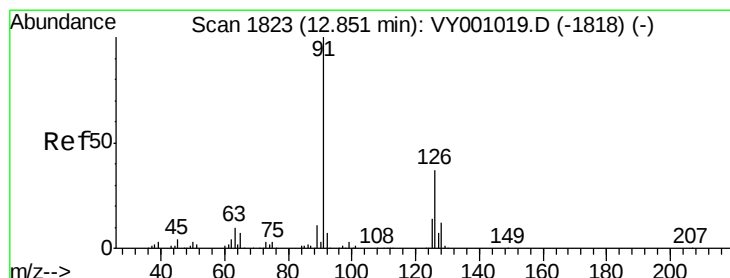
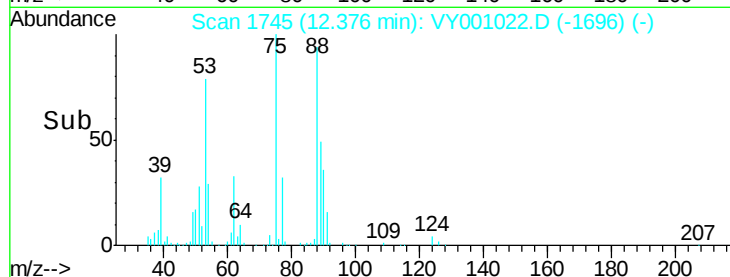
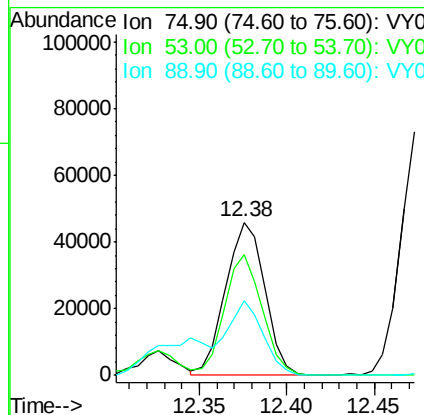
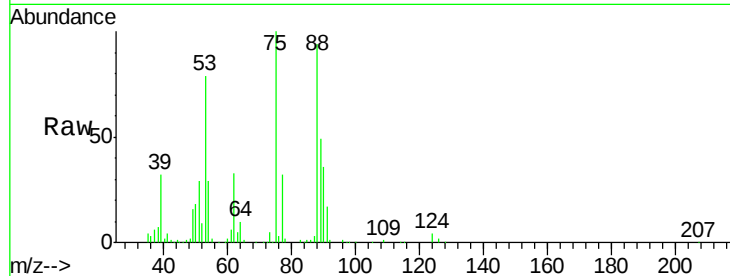
ClientSampleId :

ICVVY122319

Tot Ion:	75	Resp:	71309
Ion	Ratio	Lower	Upper
75	100		
53	76.2	60.6	91.0
89	43.8	35.4	53.0

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#82

4-Chlorotoluene

Concen: 49.471 ug/l

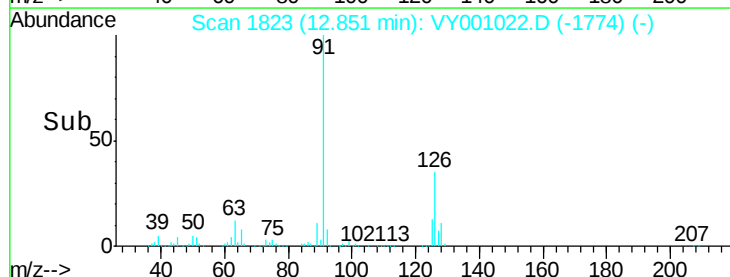
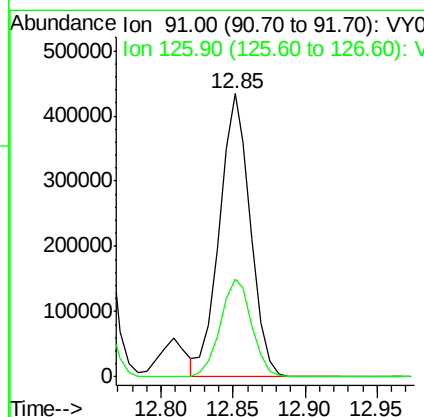
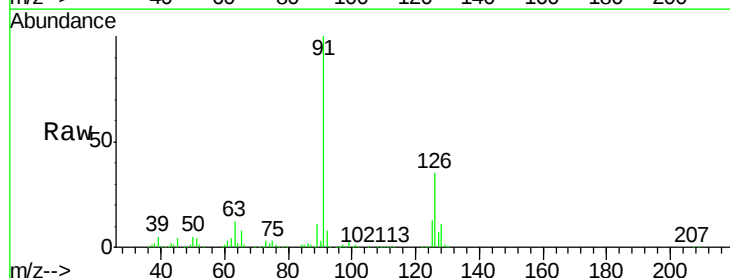
RT: 12.85 min Scan# 1823

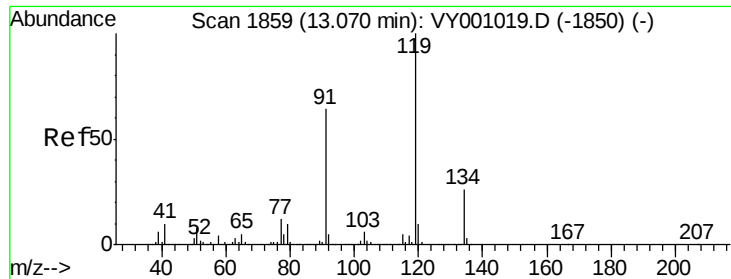
Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion:	91	Resp:	648209
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.8





#83

tert-Butylbenzene

Concen: 50.512 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

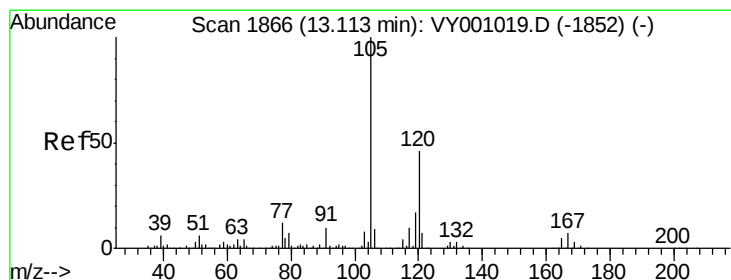
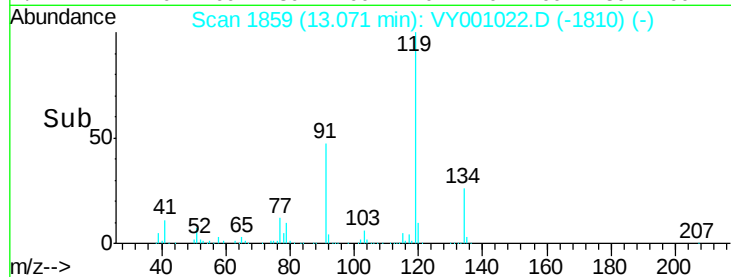
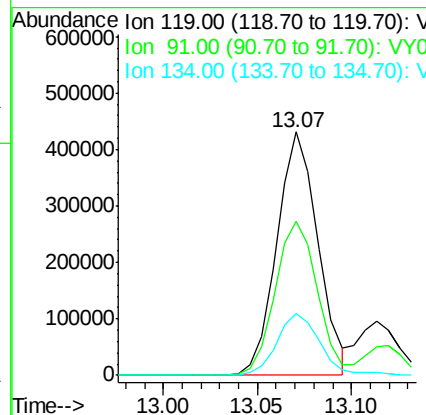
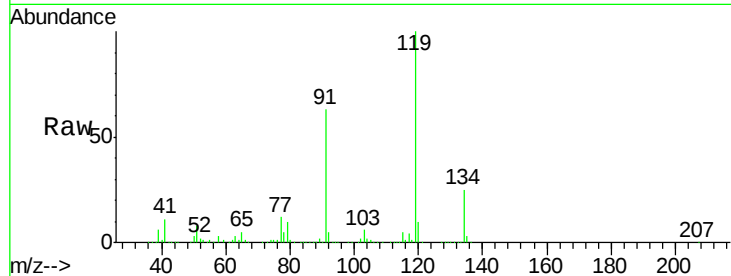
ClientSampleId :

ICVVY122319

Tot Ion:	119	Resp:	651563
Ion Ratio	Lower	Upper	
119	100		
91	65.5	31.9	95.7
134	26.8	13.6	40.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.199 ug/l

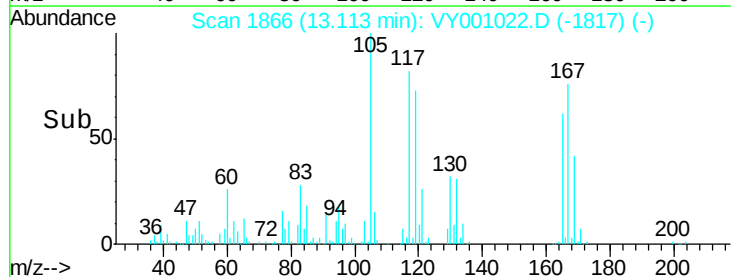
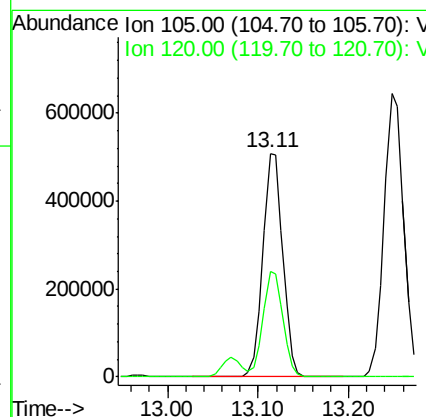
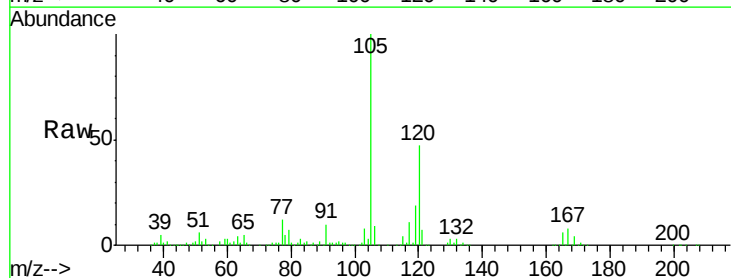
RT: 13.11 min Scan# 1866

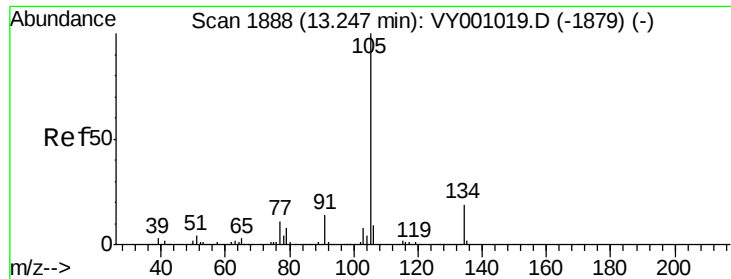
Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion:	105	Resp:	775160
Ion Ratio	Lower	Upper	
105	100		
120	46.9	23.4	70.2





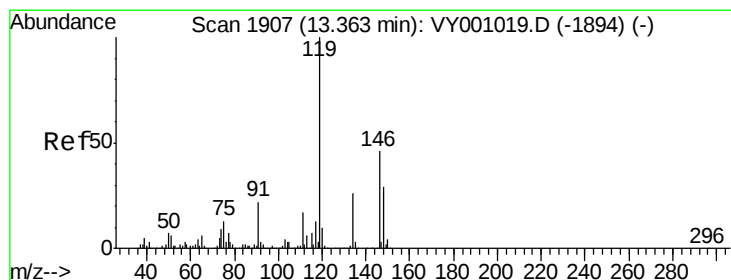
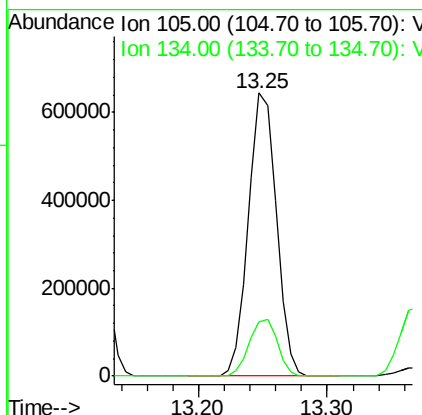
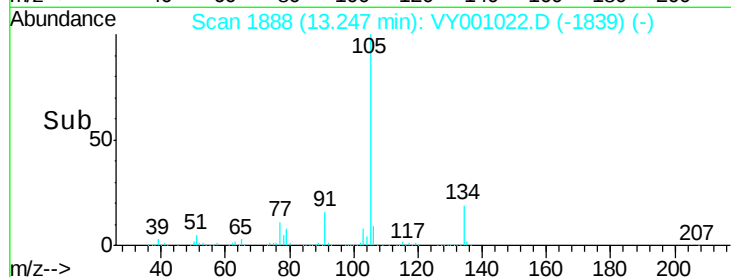
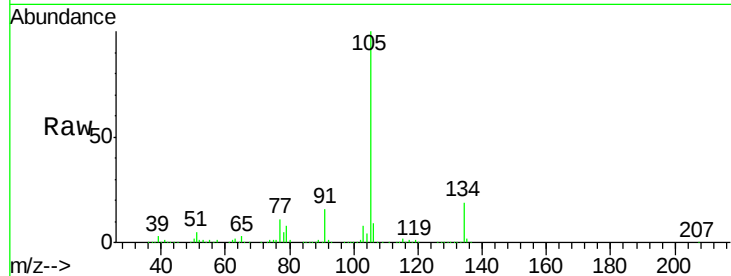
#85
 sec-Butylbenzene
 Concen: 50.742 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0

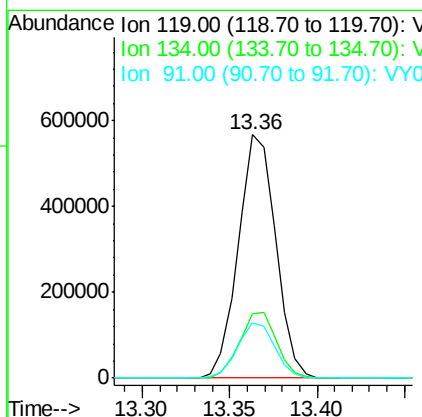
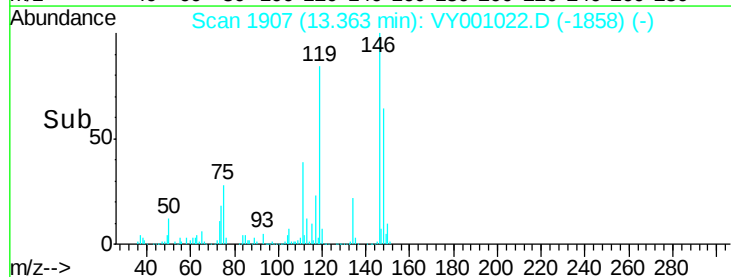
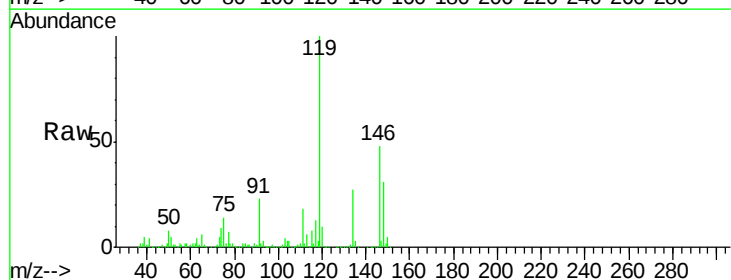
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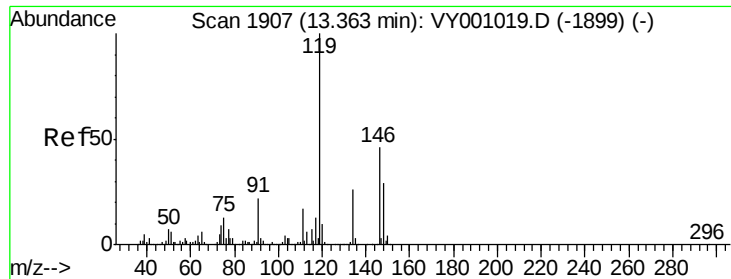
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#86
 p-Isopropyltoluene
 Concen: 51.370 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	22.7	11.4	34.1





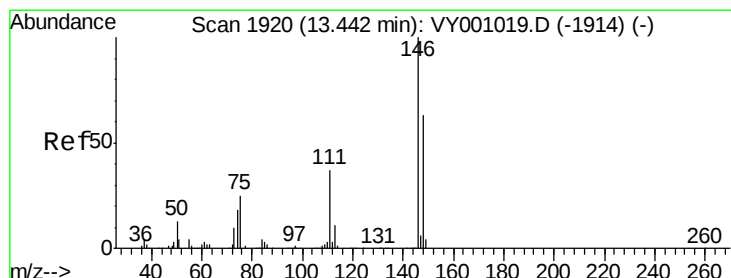
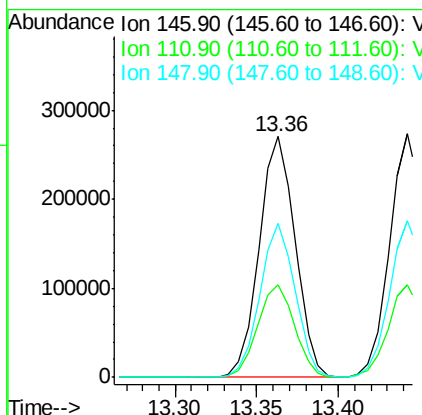
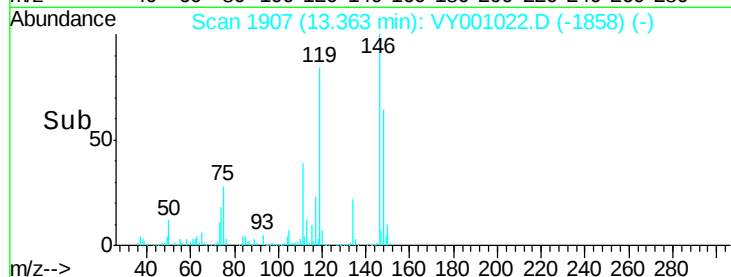
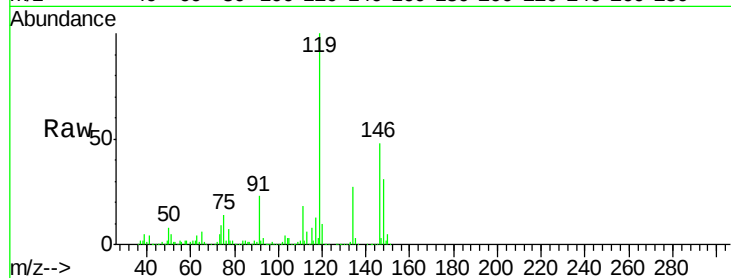
#87
 1,3-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Resp	Lower	Upper
146	100	413181		
111	39.4	19.7	59.0	
148	62.3	31.9	95.5	

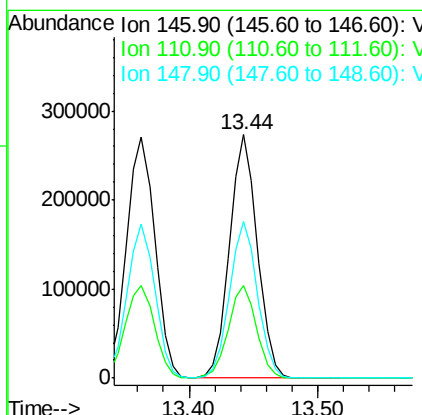
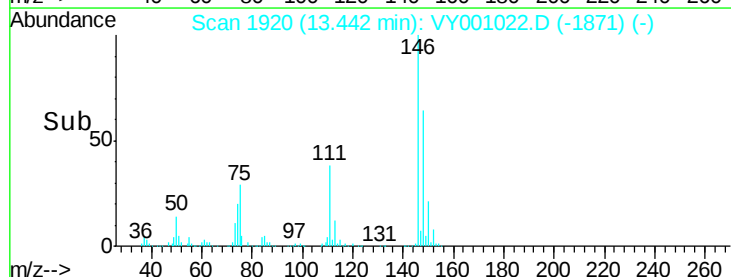
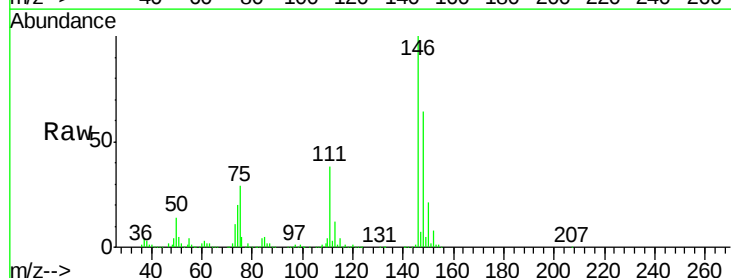
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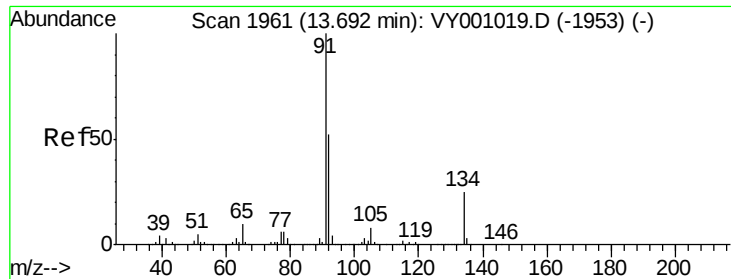
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#88
 1,4-Dichlorobenzene
 Concen: 50.380 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	411539		
111	38.8	19.4	58.2	
148	64.6	31.8	95.3	





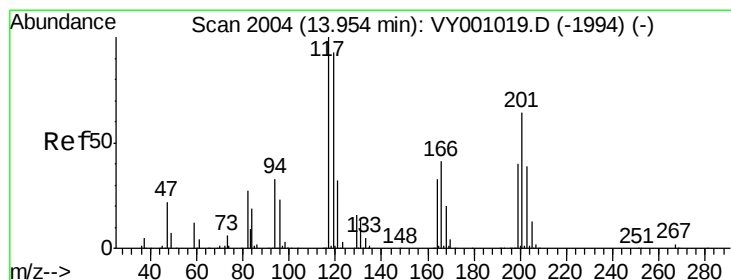
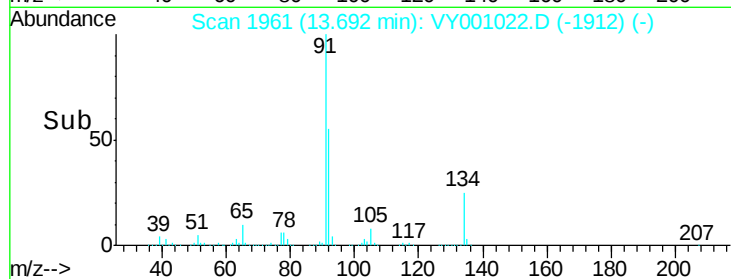
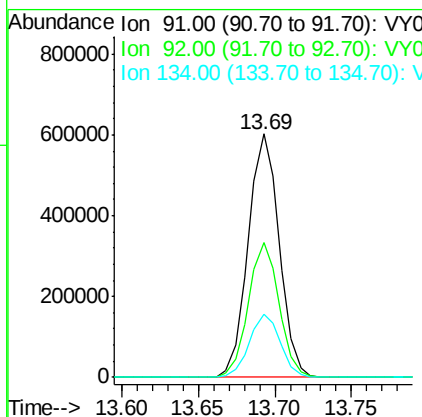
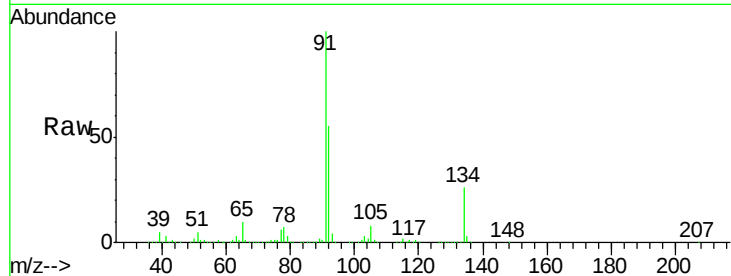
#89
n-Butylbenzene
Concen: 51.355 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ICVY122319

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.9	80.7
134	25.9	12.7	38.0

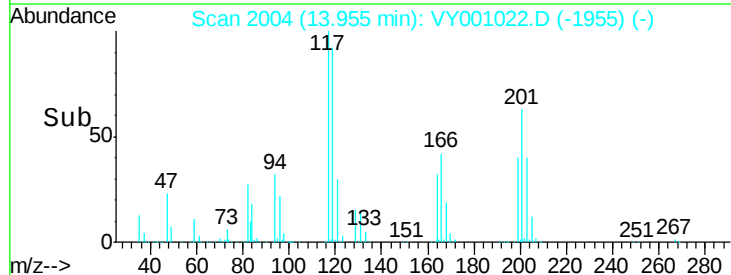
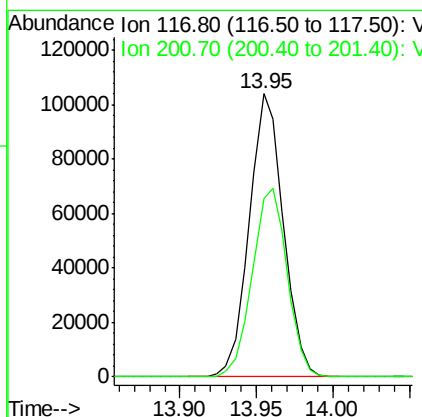
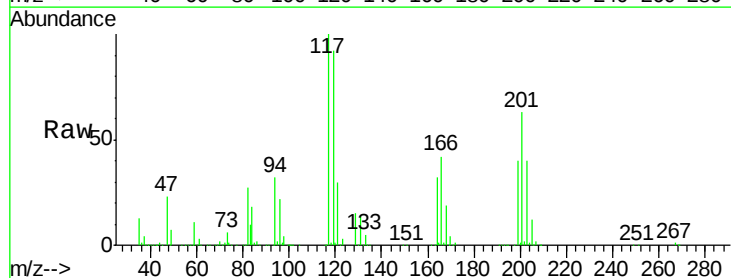
Manual Integrations
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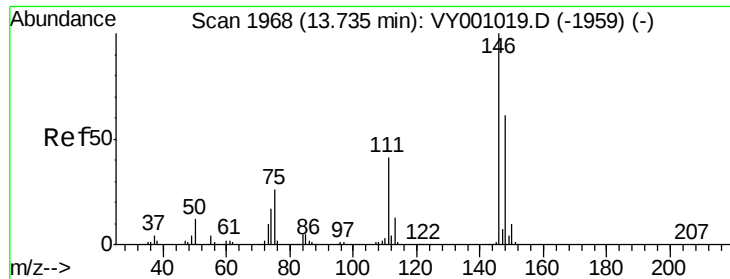
apatel
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#90
Hexachloroethane
Concen: 51.824 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001022.D
Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.7	33.7	101.1





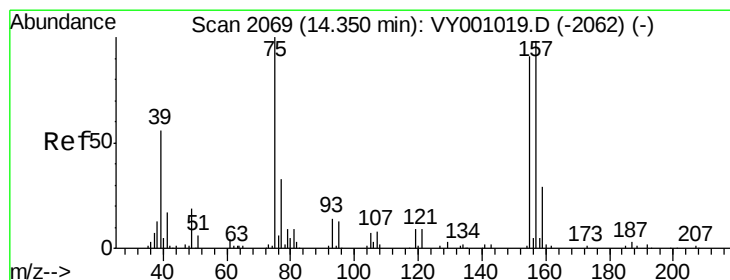
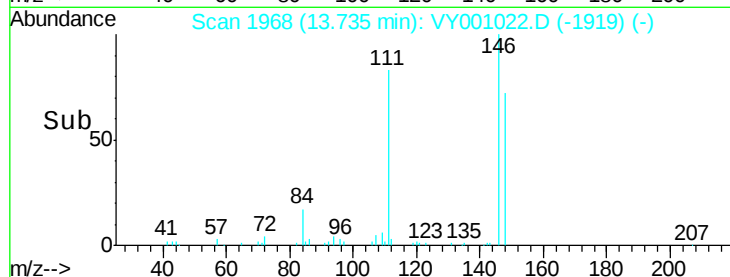
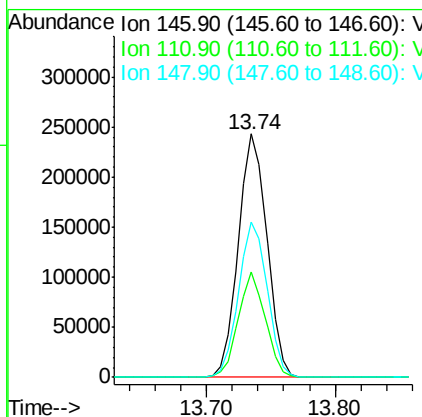
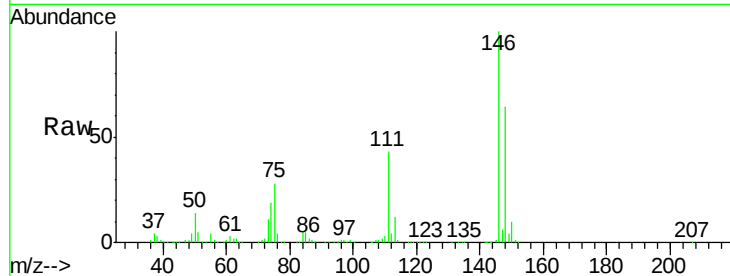
#91
 1,2-Dichlorobenzene
 Concen: 50.082 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	63.9	31.6	94.7

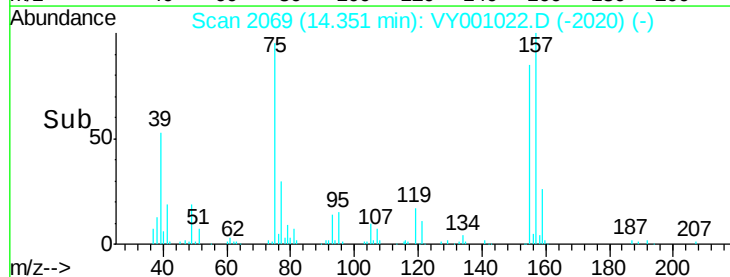
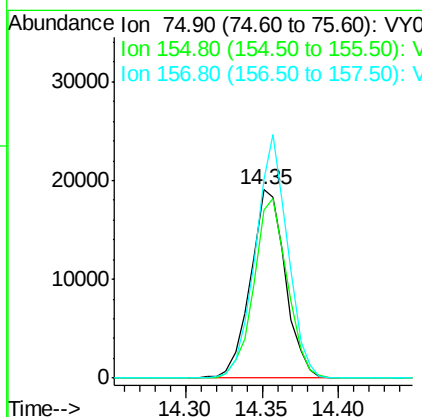
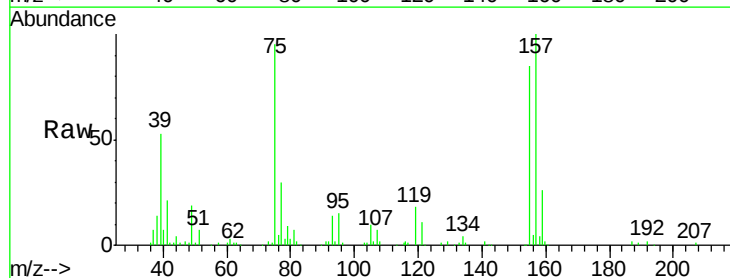
Manual Integrations
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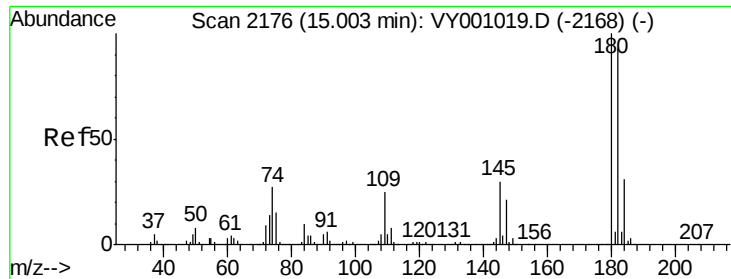
apatel
 12/24/2019 11:06:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.786 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	46.3	138.9
157	119.3	58.1	174.4





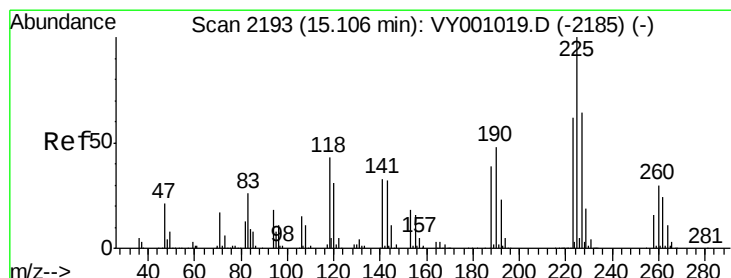
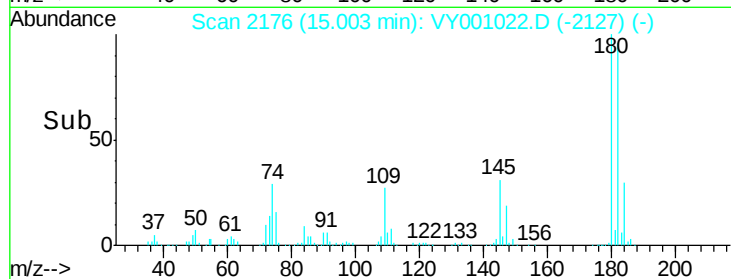
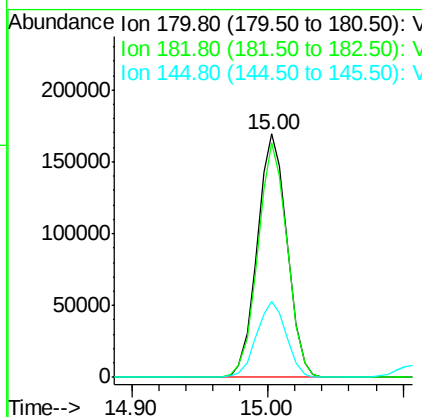
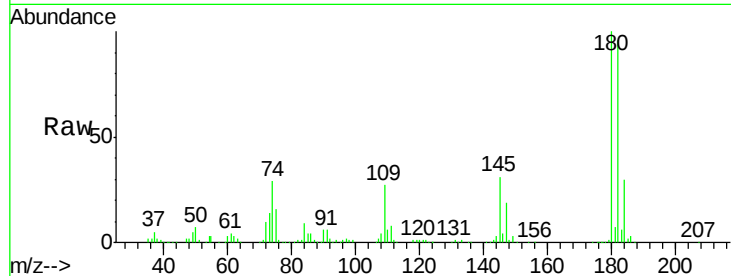
#93
 1,2,4-Trichlorobenzene
 Concen: 51.714 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	260732		
182	95.1	46.8	140.3	
145	30.9	15.3	45.9	

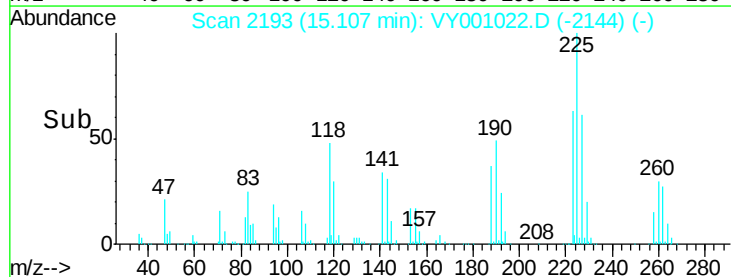
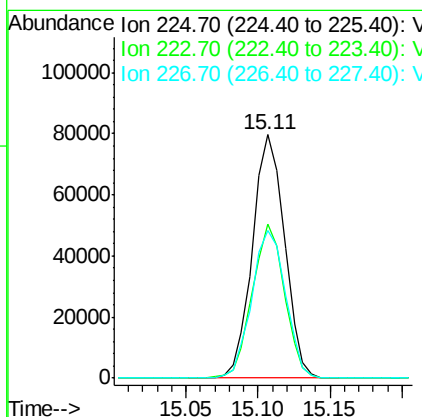
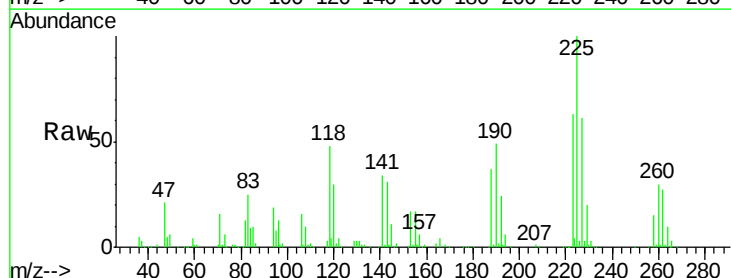
Manual Integrations
 APPROVED

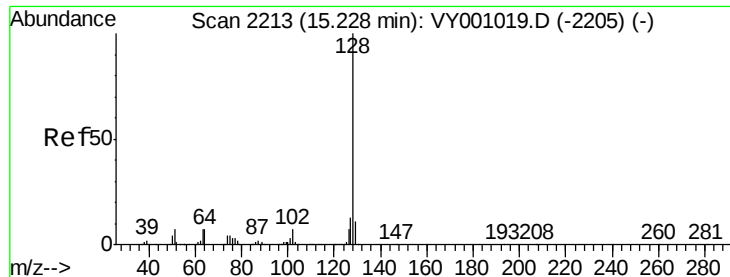
apatel
 12/24/2019 11:06:05 AM



#94
 Hexachlorobutadiene
 Concen: 51.019 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001022.D
 Acq: 23 Dec 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122407		
223	63.5	31.6	94.8	
227	64.1	31.9	95.5	





#95

Naphthalene

Concen: 51.935 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Instrument :

MSVOA_Y

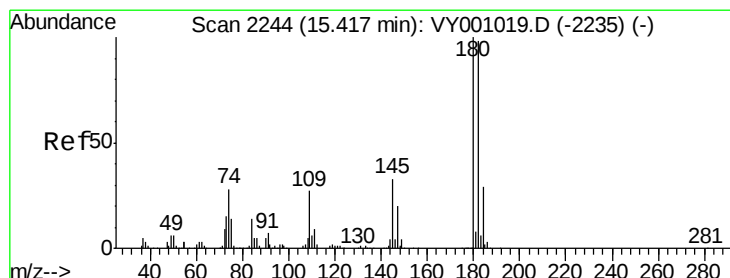
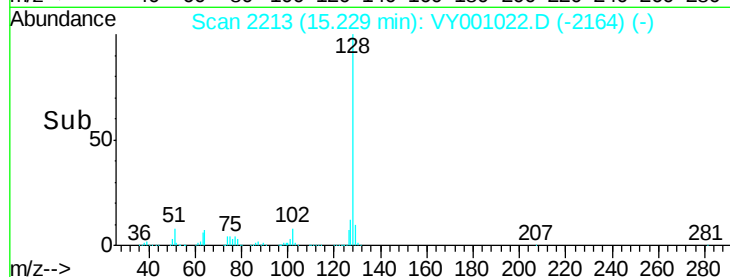
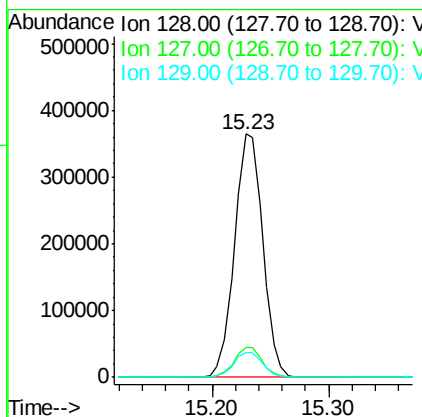
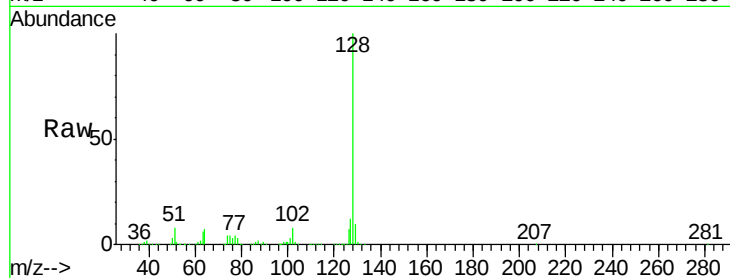
ClientSampleId :

ICVY122319

Tot Ion:	128	Resp:	615790
Ion Ratio	Lower	Upper	
128	100		
127	12.2	9.9	14.9
129	10.5	8.6	13.0

Manual Integrations
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apatel
12/24/2019 11:06:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.208 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001022.D

Acq: 23 Dec 2019 12:26

Tgt Ion:	180	Resp:	234742
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.9	143.8
145	32.2	16.3	48.9

