

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001019.D
 Acq On : 23 Dec 2019 11:06
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:05:50 AM

Quant Time: Dec 23 11:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 11:25:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	339710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	590921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	529380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	161732	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.72	113	163992	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	10.18	98	687071	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	228048	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	138755	43.841	ug/l	100
3) Chloromethane	2.11	50	184953	44.503	ug/l	100
4) Vinyl Chloride	2.25	62	180492	44.553	ug/l	100
5) Bromomethane	2.65	94	114366	46.464	ug/l	100
6) Chloroethane	2.79	64	115056	45.951	ug/l	100
7) Trichlorofluoromethane	3.13	101	261923	44.757	ug/l	100
8) Diethyl Ether	3.53	74	108458	46.675	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	174643	46.079	ug/l	100
10) Methyl Iodide	4.09	142	249953	49.164	ug/l	100
11) Tert butyl alcohol	4.96	59	83296	226.017	ug/l	100
12) 1,1-Dichloroethene	3.88	96	176791	46.440	ug/l	100
13) Acrolein	3.73	56	117986	285.612	ug/l	100
14) Allyl chloride	4.48	41	276352	45.194	ug/l	100
15) Acrylonitrile	5.18	53	277761	237.076	ug/l	100
16) Acetone	3.95	43	168309	215.234	ug/l	100
17) Carbon Disulfide	4.19	76	587429	47.400	ug/l	100
18) Methyl Acetate	4.48	43	131317	42.511	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	466260	46.969	ug/l	100
20) Methylene Chloride	4.72	84	199399	44.143	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	198885	47.038	ug/l	100
22) Diisopropyl ether	6.13	45	562870	45.417	ug/l	100
23) Vinyl Acetate	6.07	43	1800799	231.768	ug/l	100
24) 1,1-Dichloroethane	6.03	63	330884	46.058	ug/l	100
25) 2-Butanone	7.00	43	312734	222.239	ug/l	100
26) 2,2-Dichloropropane	6.99	77	269130	45.220	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	218824	47.076	ug/l	100
28) Bromochloromethane	7.34	49	140683	50.735	ug/l	100
29) Tetrahydrofuran	7.35	42	220975	223.948	ug/l	100
30) Chloroform	7.52	83	312147	45.851	ug/l	100
31) Cyclohexane	7.79	56	329628	43.418	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	264423	45.490	ug/l	100
36) 1,1-Dichloropropene	7.92	75	261853	45.644	ug/l	100
37) Ethyl Acetate	7.08	43	144143	44.843	ug/l	100
38) Carbon Tetrachloride	7.91	117	231826	46.058	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	351140	46.141	ug/l	100
40) Benzene	8.17	78	793457	46.317	ug/l	100
41) Methacrylonitrile	7.32	41	69812m	23.441	ug/l	
42) 1,2-Dichloroethane	8.25	62	194375	46.457	ug/l	100
43) Isopropyl Acetate	8.28	43	271908	45.820	ug/l	100
44) Trichloroethene	8.94	130	209067	46.651	ug/l	100
45) 1,2-Dichloropropane	9.22	63	200383	46.599	ug/l	100
46) Dibromomethane	9.31	93	105810	47.774	ug/l	100
47) Bromodichloromethane	9.50	83	244696	47.280	ug/l	100
48) Methyl methacrylate	9.30	41	119020	46.683	ug/l	100
49) 1,4-Dioxane	9.30	88	30801	964.879	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	708224	227.603	ug/l	100
52) Toluene	10.24	92	494870	46.677	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	266261	47.464	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	314633	46.750	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	154538	46.694	ug/l	100
56) Ethyl methacrylate	10.51	69	227024	47.884	ug/l	100
57) 1,3-Dichloropropane	10.79	76	271474	46.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	380681	206.941	ug/l	100
59) 2-Hexanone	10.83	43	492295	225.019	ug/l	100
60) Dibromochloromethane	10.99	129	169556	47.899	ug/l	100
61) 1,2-Dibromoethane	11.09	107	150874	48.148	ug/l	100
64) Tetrachloroethene	10.72	164	210854	45.878	ug/l	100
65) Chlorobenzene	11.51	112	507535	45.809	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	173616	47.400	ug/l	100
67) Ethyl Benzene	11.59	91	931567	46.300	ug/l	100
68) m/p-Xylenes	11.70	106	702969	92.568	ug/l	100
69) o-Xylene	12.03	106	332626	46.452	ug/l	100
70) Styrene	12.04	104	573836	47.155	ug/l	100
71) Bromoform	12.20	173	99092	48.579	ug/l #	100
73) Isopropylbenzene	12.33	105	882817	45.590	ug/l	100
74) N-amyl acetate	12.14	43	237545	46.218	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	174712	46.126	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	143971m	34.671	ug/l	
77) Bromobenzene	12.61	156	196693	45.727	ug/l	100
78) n-propylbenzene	12.67	91	1064600	45.221	ug/l	100
79) 2-Chlorotoluene	12.75	91	587882	45.119	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	727137	45.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	67998	47.546	ug/l	100
82) 4-Chlorotoluene	12.85	91	614752	45.618	ug/l	100
83) tert-Butylbenzene	13.07	119	600215	44.820	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	728638	45.851	ug/l	100
85) sec-Butylbenzene	13.25	105	888870	45.357	ug/l	100
86) p-Isopropyltoluene	13.36	119	780881	45.973	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	380500	46.034	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	382391	45.990	ug/l	100
89) n-Butylbenzene	13.69	91	783997	45.708	ug/l	100
90) Hexachloroethane	13.95	117	150448	47.269	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	352623	46.400	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	29219	46.028	ug/l	100

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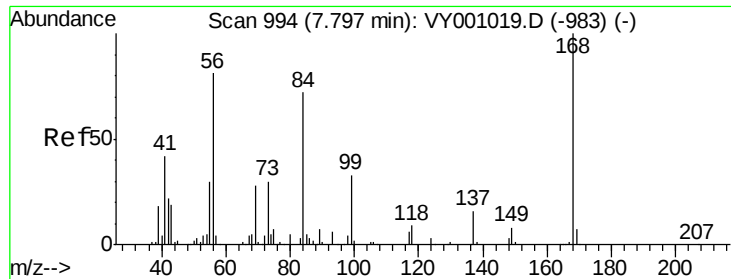
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	237448	46.363	ug/l	100
94) Hexachlorobutadiene	15.11	225	113592	46.529	ug/l	100
95) Naphthalene	15.23	128	561891	46.891	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212668	46.712	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 339710

Ion Ratio Lower Upper

168 100

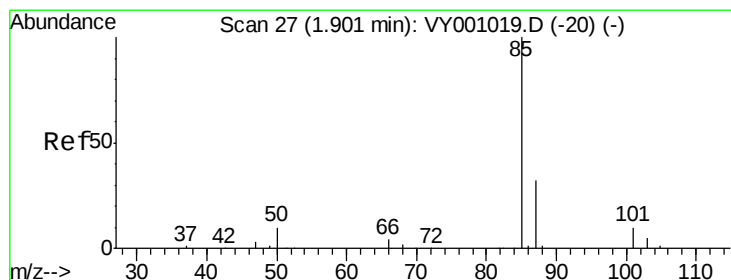
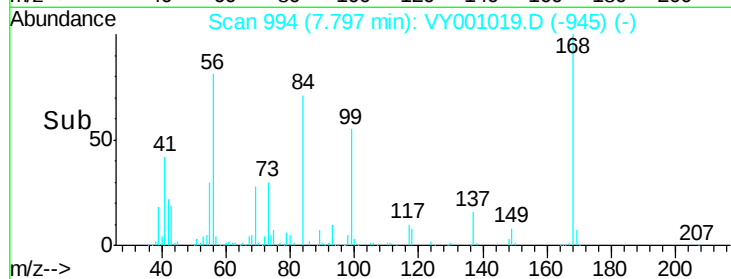
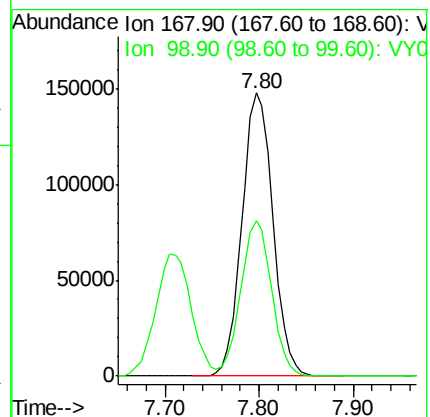
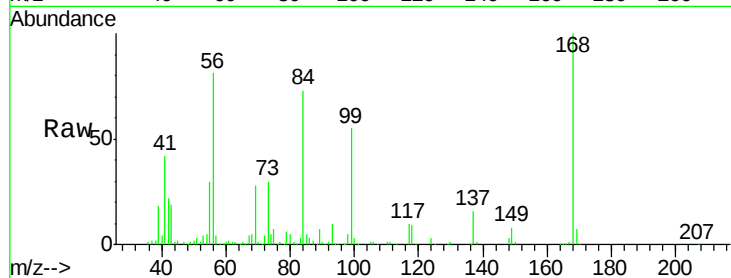
99 55.0 44.0 66.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.841 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001019.D

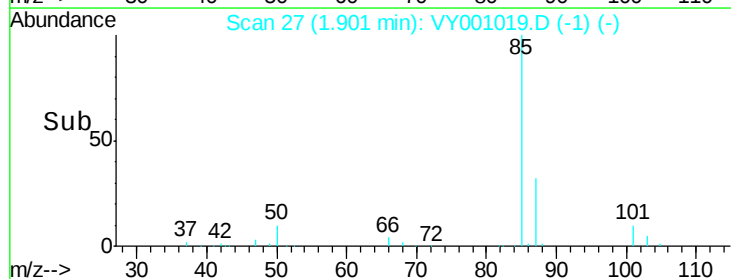
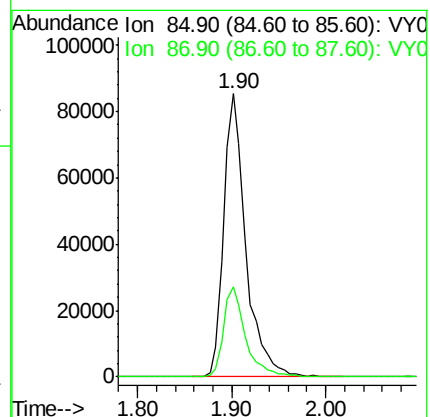
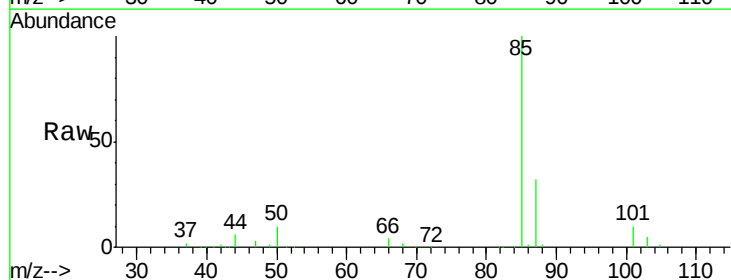
Acq: 23 Dec 2019 11:06

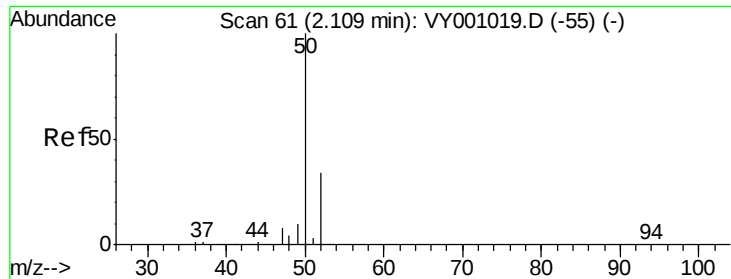
Tgt Ion: 85 Resp: 138755

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7





#3

Chloromethane

Concen: 44.503 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 184953

Ion Ratio Lower Upper

50 100

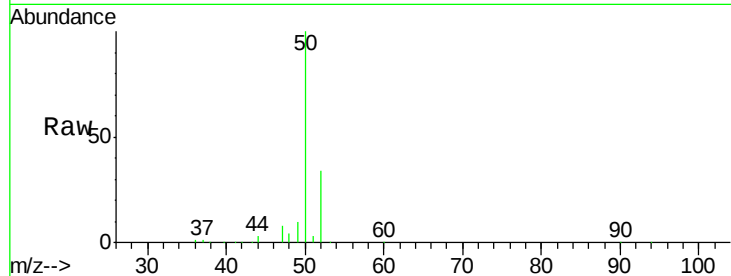
52 33.9 27.1 40.7

Manual Integrations

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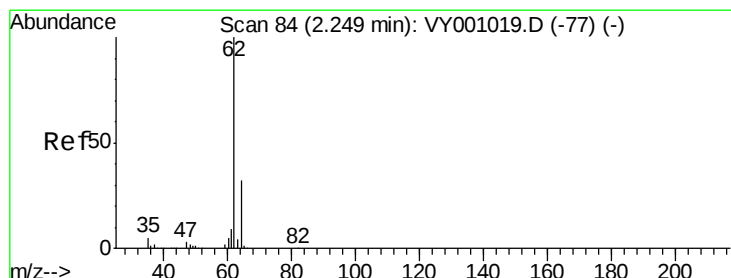
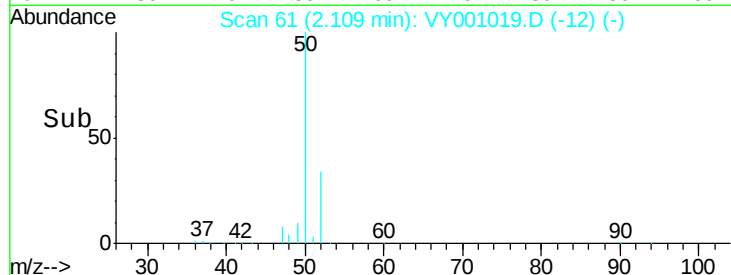
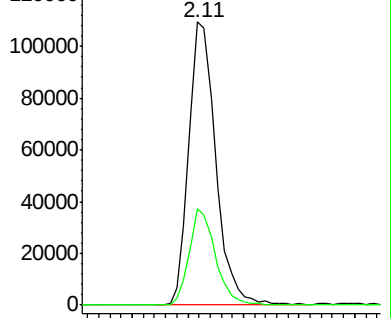
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 44.553 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001019.D

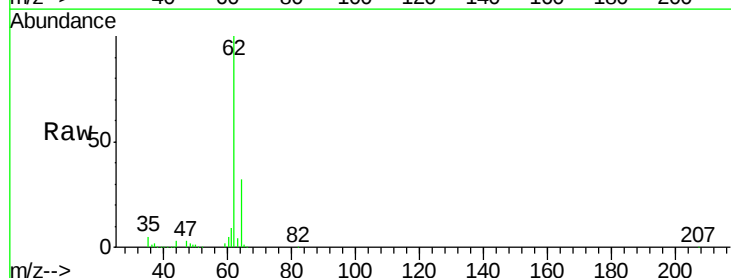
Acq: 23 Dec 2019 11:06

Tgt Ion: 62 Resp: 180492

Ion Ratio Lower Upper

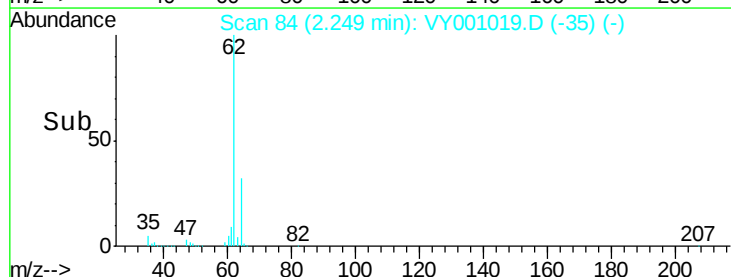
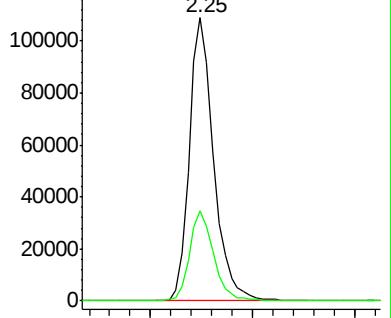
62 100

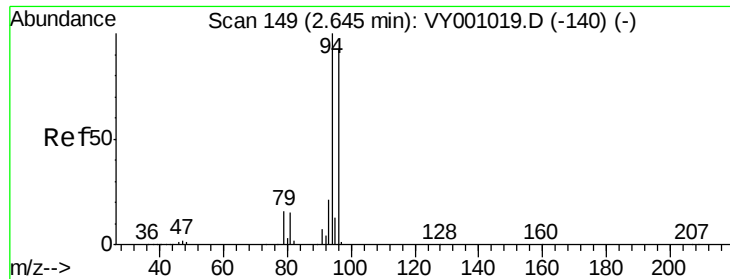
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.464 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 114366

Ion Ratio Lower Upper

94 100

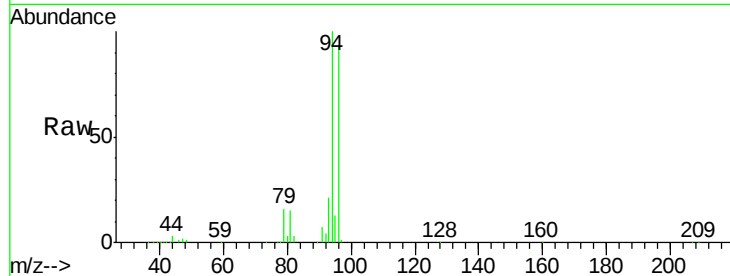
96 92.8 74.2 111.4

Manual Integrations

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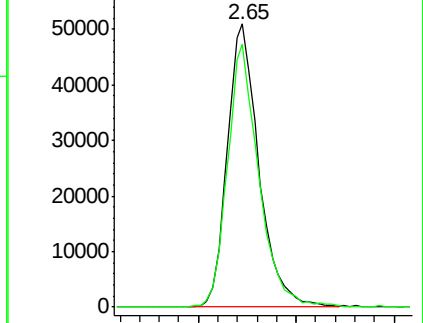
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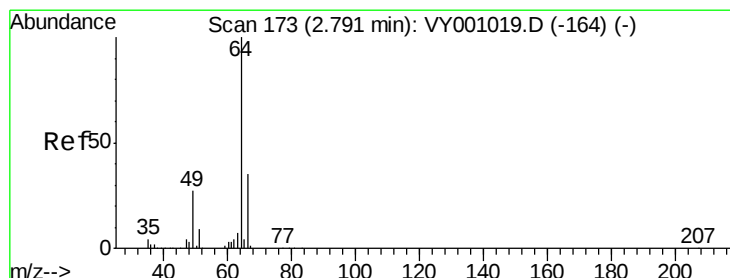
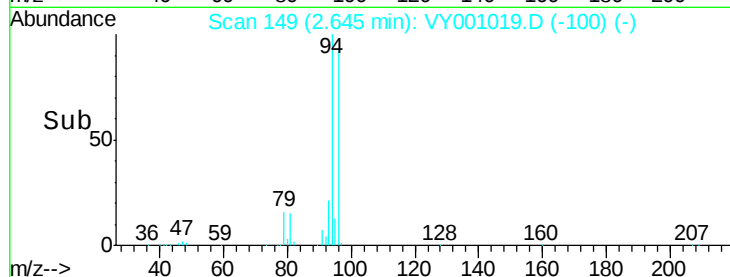


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



Time-->



#6

Chloroethane

Concen: 45.951 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001019.D

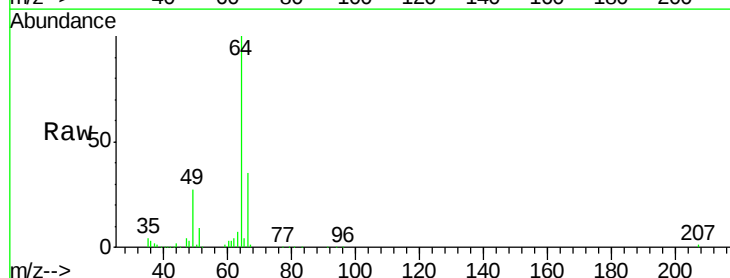
Acq: 23 Dec 2019 11:06

Tgt Ion: 64 Resp: 115056

Ion Ratio Lower Upper

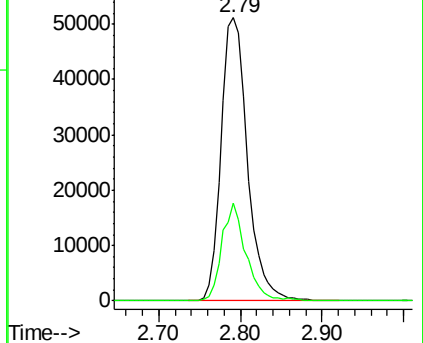
64 100

66 34.7 27.8 41.6

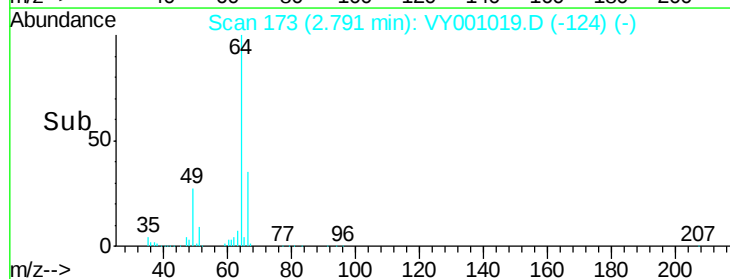


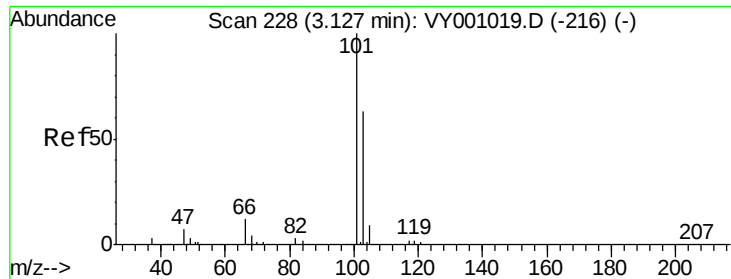
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



Time-->





#7

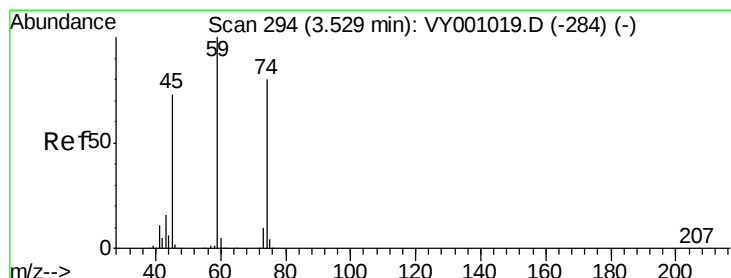
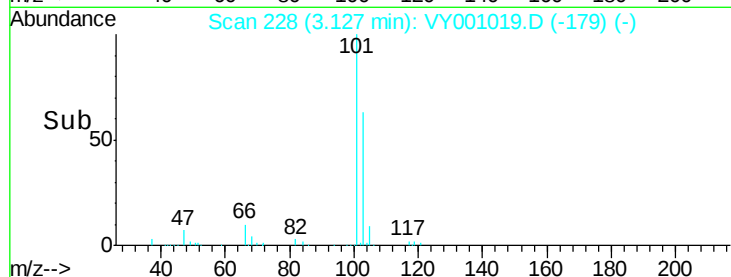
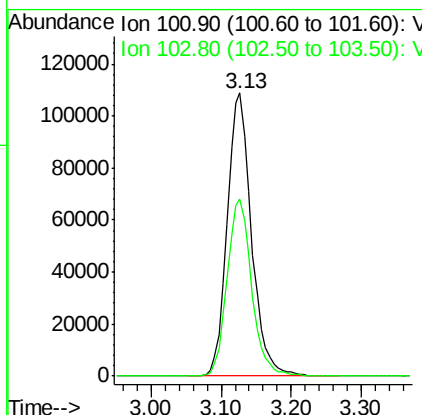
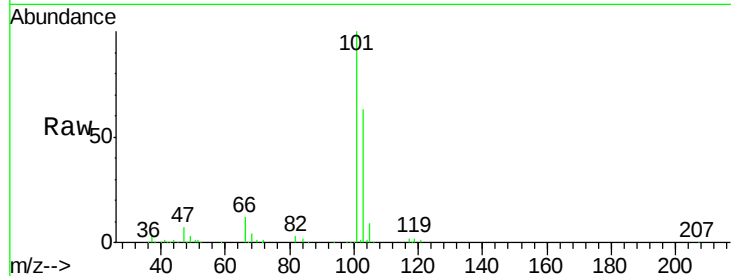
Trichlorofluoromethane
Concen: 44.757 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
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VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	50.2	75.2

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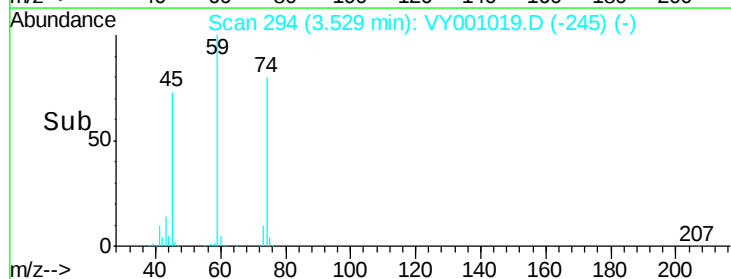
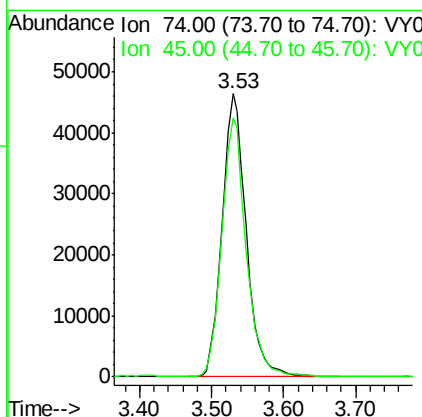
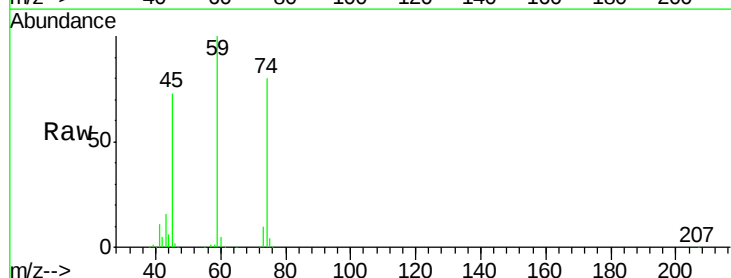
apatel
12/24/2019 11:05:50 AM

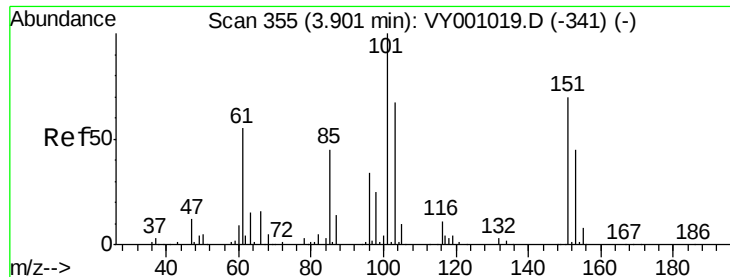


#8

Diethyl Ether
Concen: 46.675 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.4	139.2





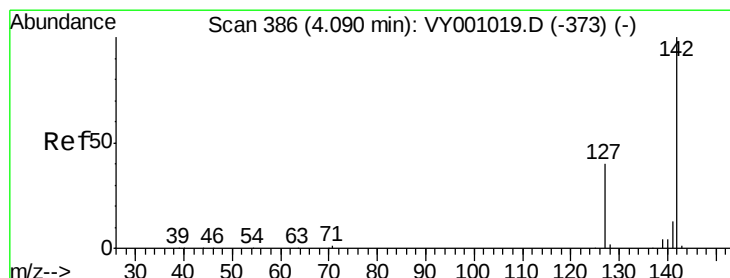
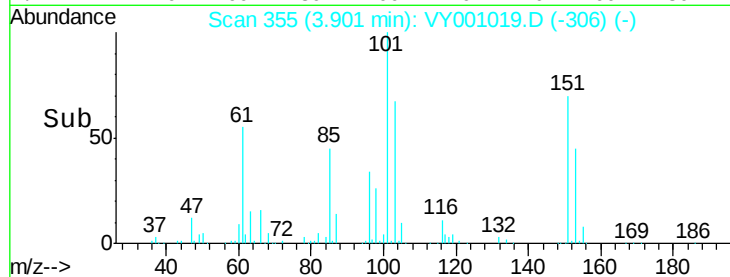
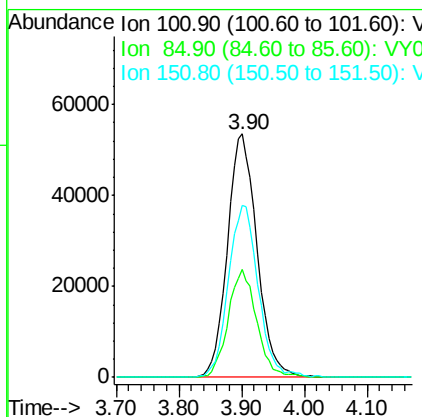
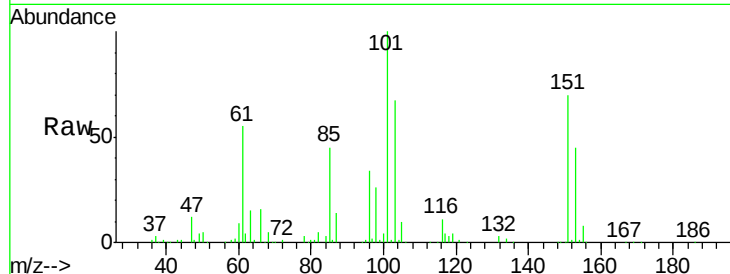
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.079 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	174643		
85	42.7	34.2	51.2	
151	71.3	57.0	85.6	

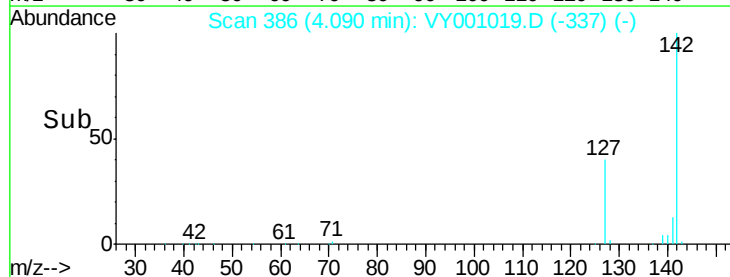
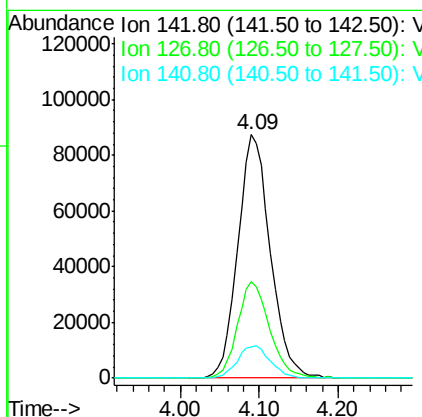
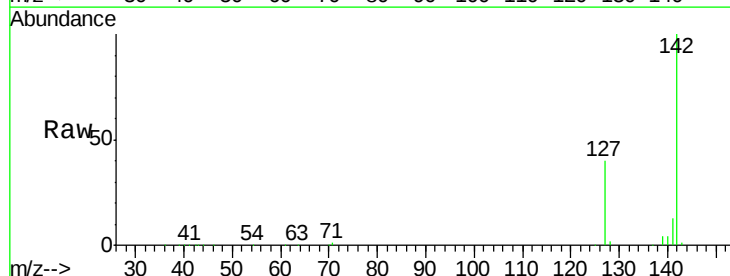
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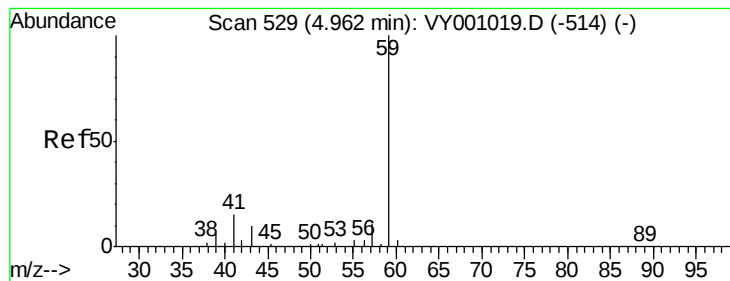
apatel
 12/24/2019 11:05:50 AM



#10
 Methyl Iodide
 Concen: 49.164 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	249953		
127	39.0	31.2	46.8	
141	13.7	11.0	16.4	





#11

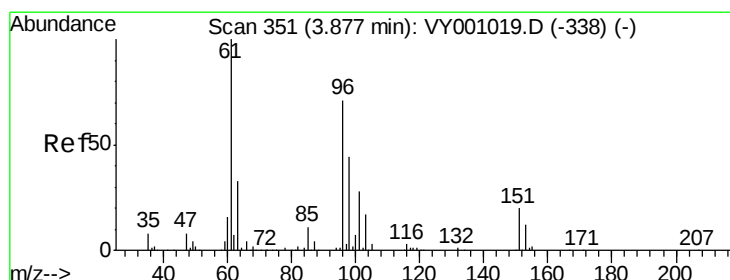
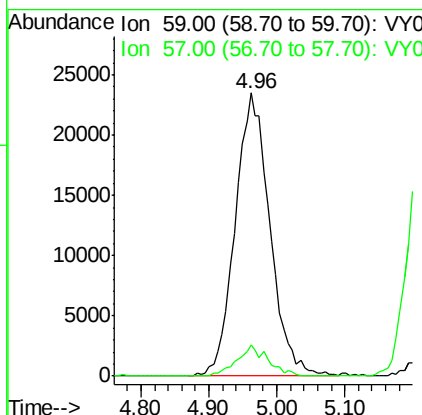
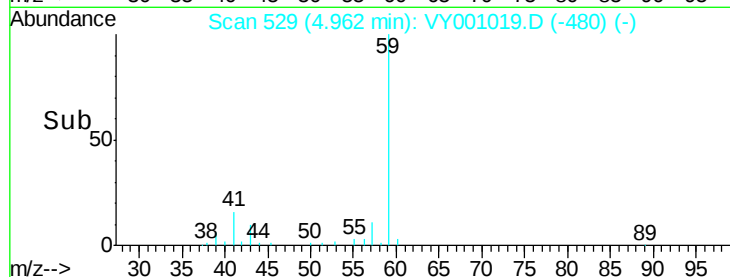
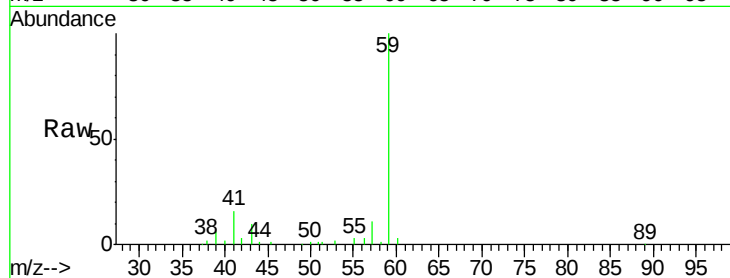
Tert butyl alcohol
Concen: 226.017 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	59	57	Ratio	100	9.7	Resp	83296	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	9.7	Resp	83296	Lower	7.8	Upper	11.6

Manual Integrations
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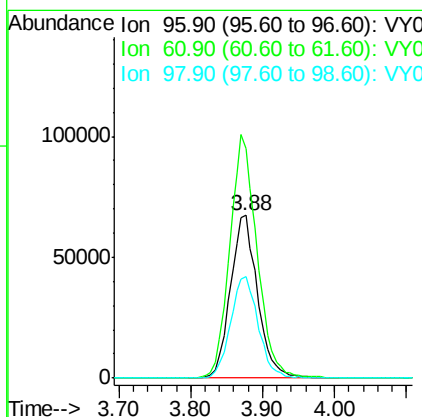
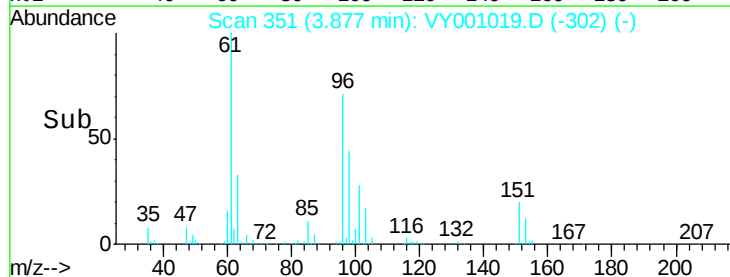
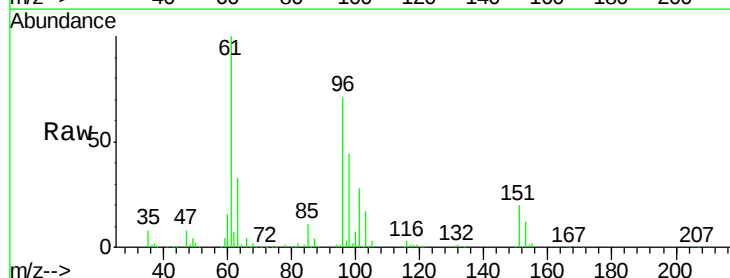
apatel
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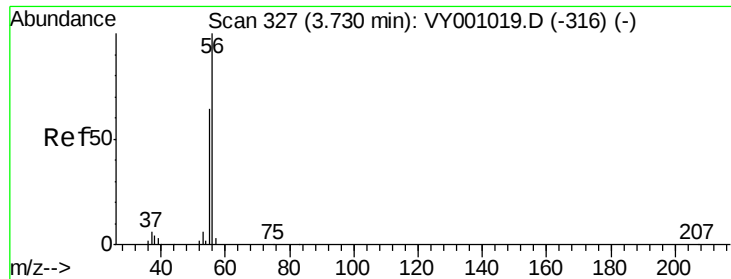


#12

1,1-Dichloroethene
Concen: 46.440 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	96	61	98	Ratio	100	141.2	62.3	Resp	176791	Lower	113.0	49.8	Upper	169.4	74.8
Ion	96	61	98	Ratio	100	141.2	62.3	Resp	176791	Lower	113.0	49.8	Upper	169.4	74.8





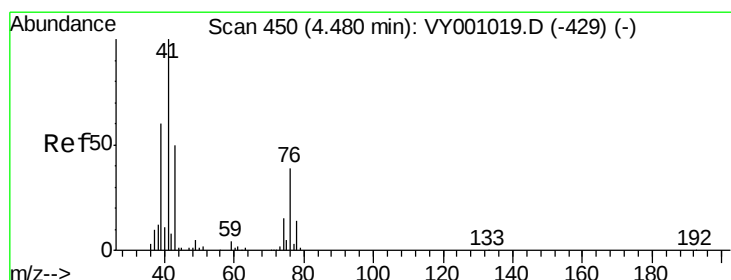
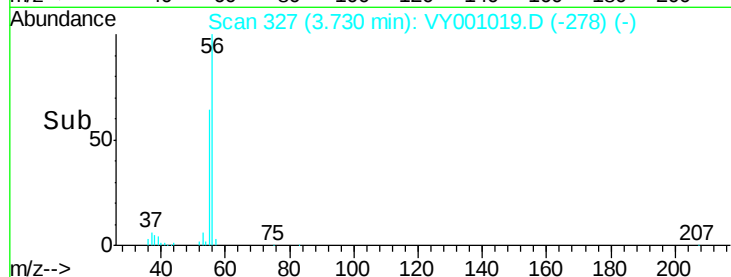
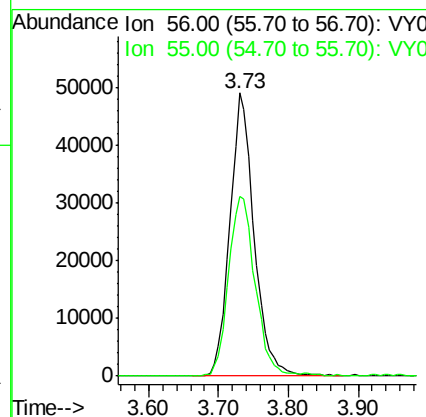
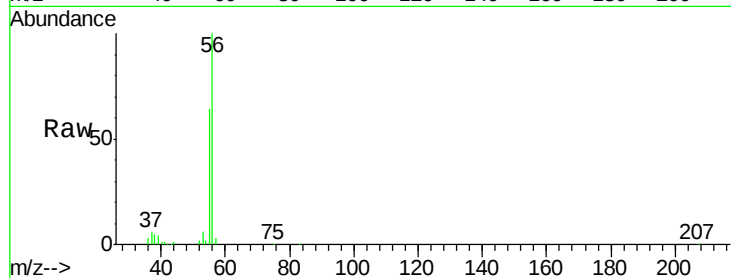
#13
Acrolein
Concen: 285.612 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	117986
Ion Ratio	100	Lower	Upper
55	69.5	55.6	83.4

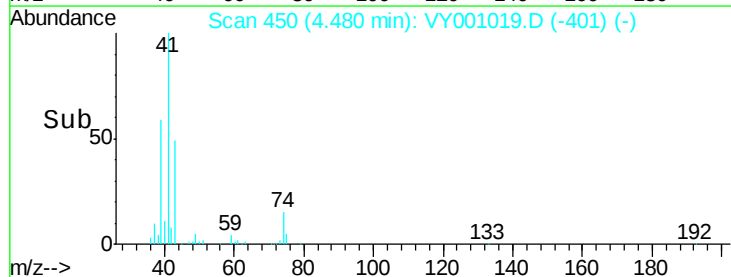
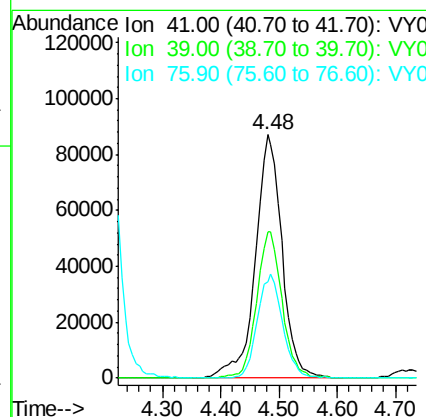
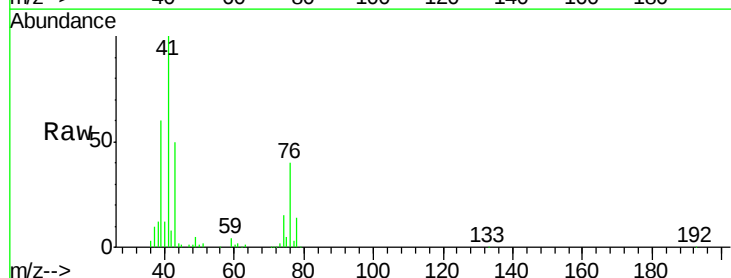
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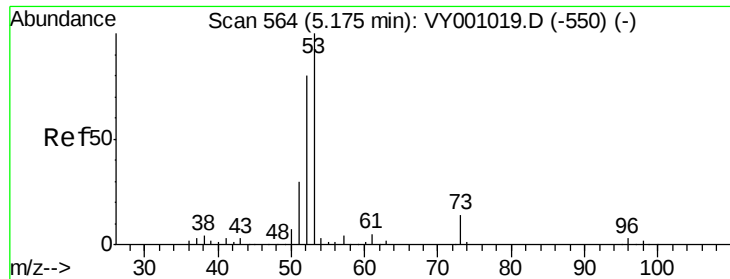
apatel
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#14
Allyl chloride
Concen: 45.194 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	41	Resp	276352
Ion Ratio	100	Lower	Upper
39	57.5	46.0	69.0
76	40.7	32.6	48.8





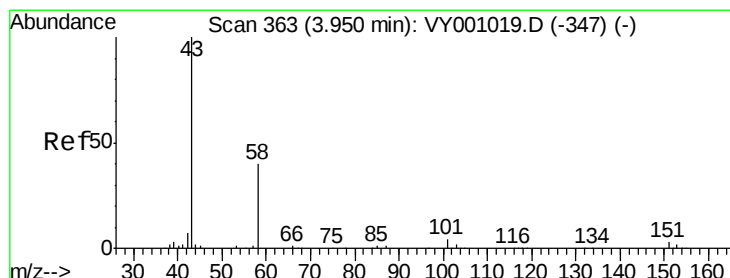
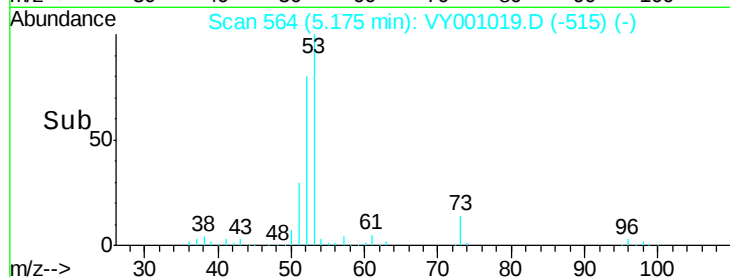
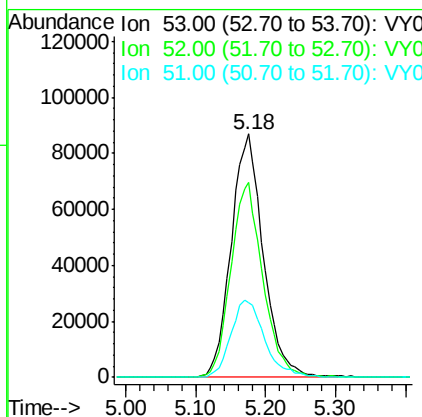
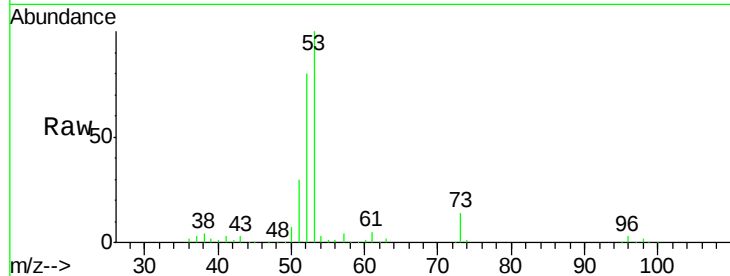
#15
 Acrylonitrile
 Concen: 237.076 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	79.5	63.6	95.4
51	33.4	26.7	40.1

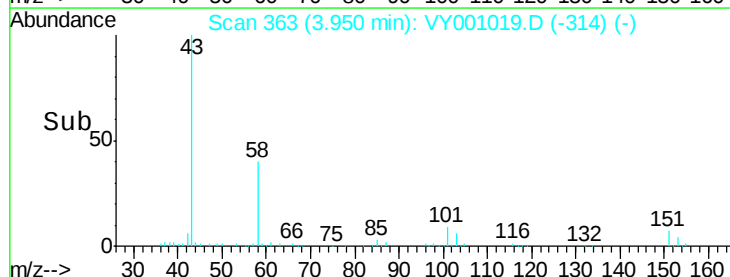
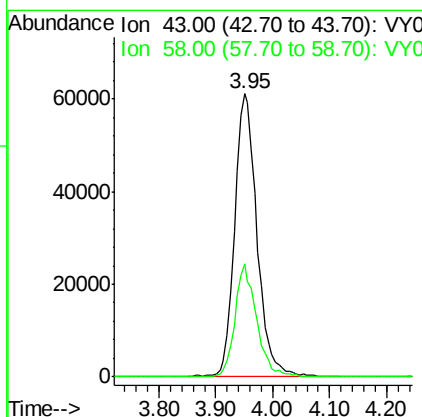
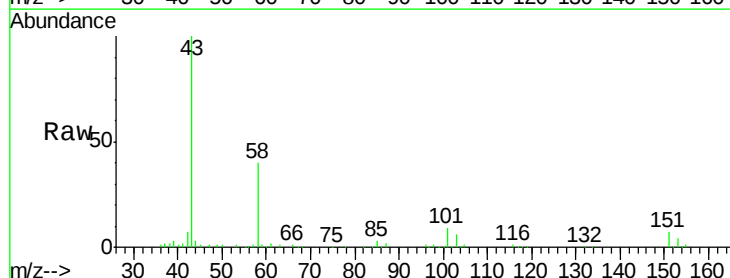
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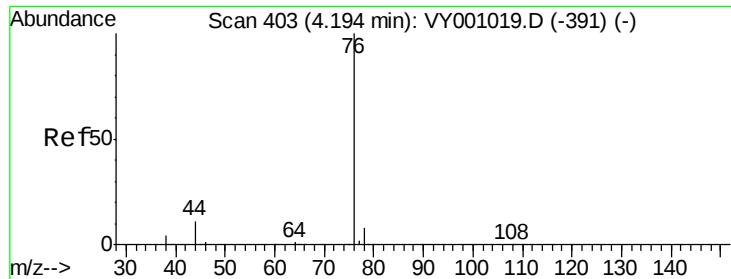
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#16
 Acetone
 Concen: 215.234 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.1	48.1





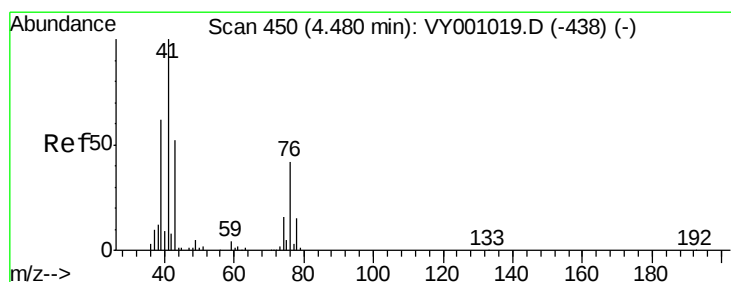
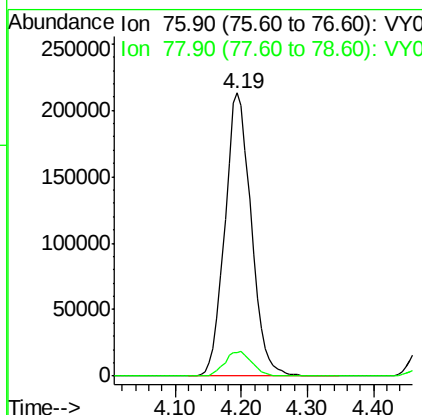
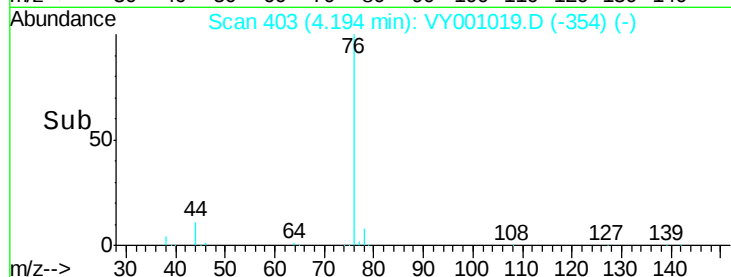
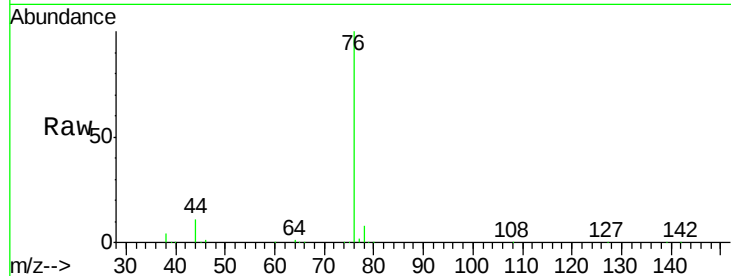
#17
Carbon Disulfide
Concen: 47.400 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 587429
Ion Ratio Lower Upper
76 100
78 8.4 6.7 10.1

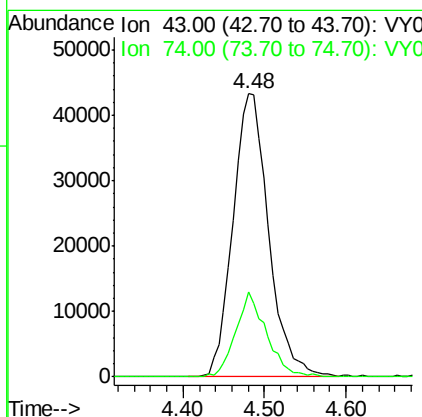
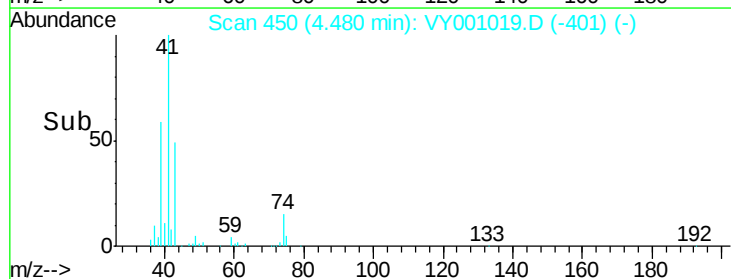
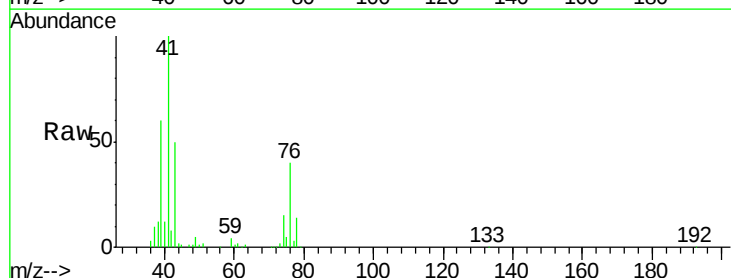
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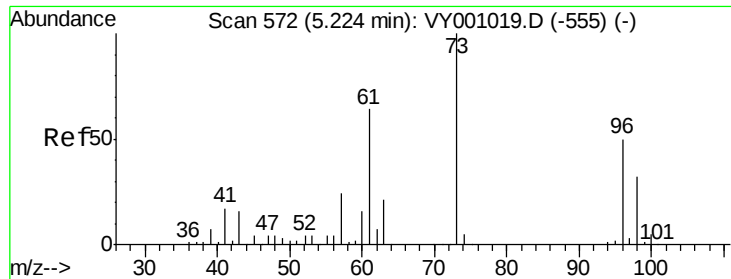
apatel
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#18
Methyl Acetate
Concen: 42.511 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion: 43 Resp: 131317
Ion Ratio Lower Upper
43 100
74 25.9 20.7 31.1





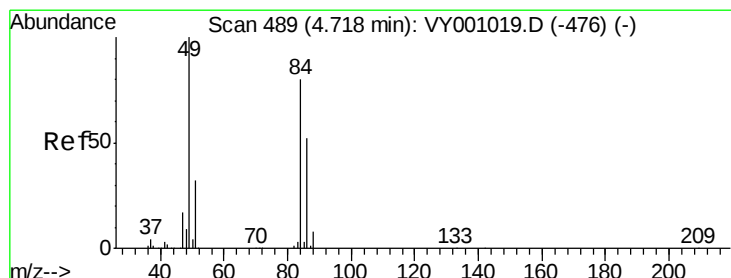
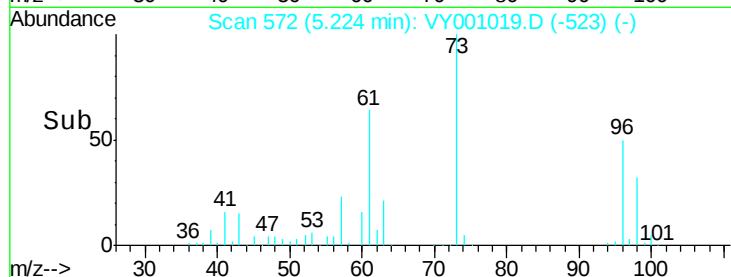
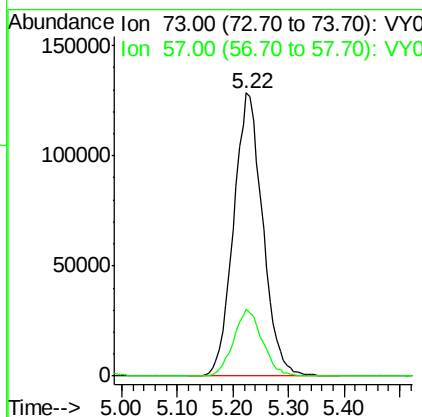
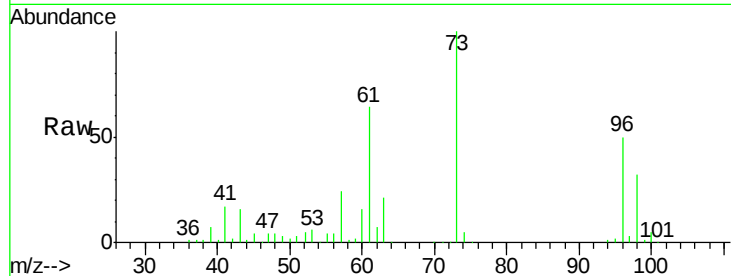
#19
Methvl tert-butvl Ether
Concen: 46.969 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 466260
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6

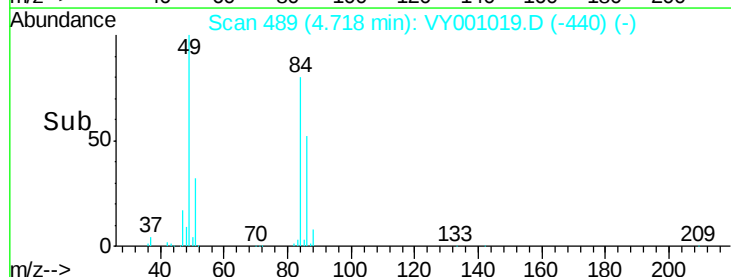
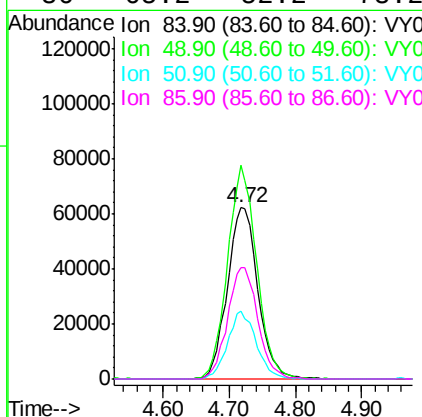
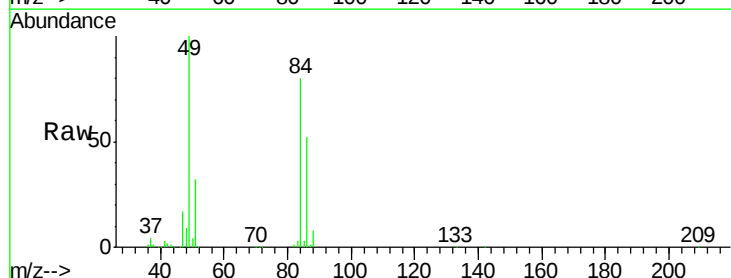
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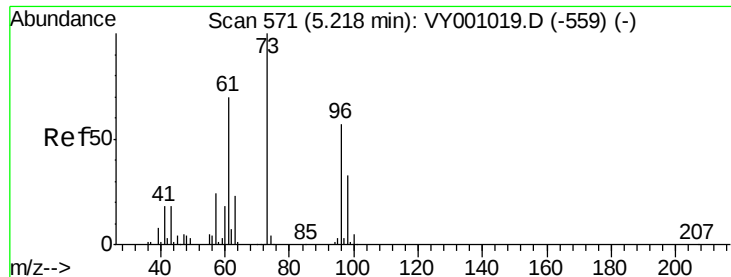
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#20
Methylene Chloride
Concen: 44.143 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion: 84 Resp: 199399
Ion Ratio Lower Upper
84 100
49 124.7 99.8 149.6
51 39.3 31.4 47.2
86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.038 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

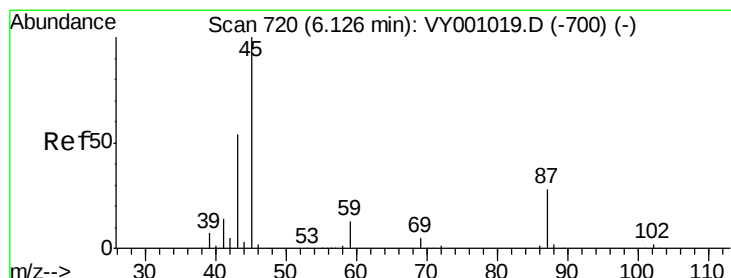
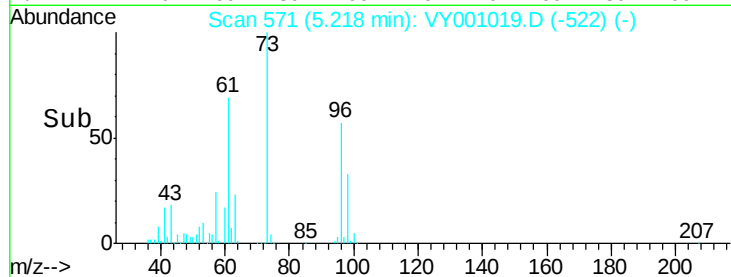
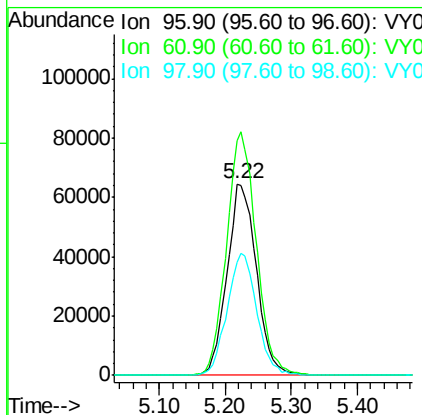
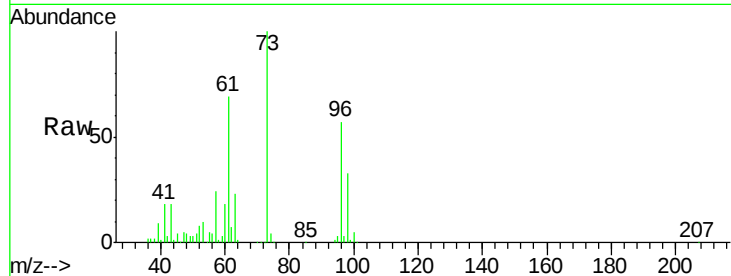
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	198885
Ion	Ratio	Lower	Upper
96	100		
61	122.6	98.1	147.1
98	59.0	47.2	70.8

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#22

Diisopropyl ether

Concen: 45.417 ug/l

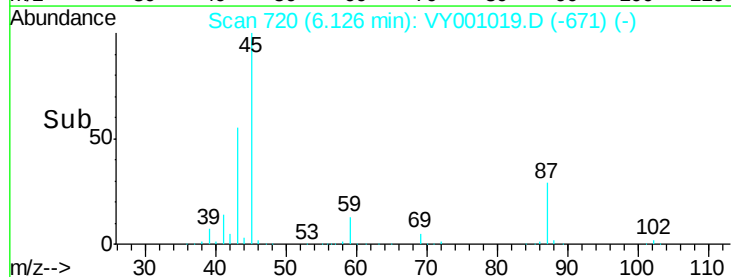
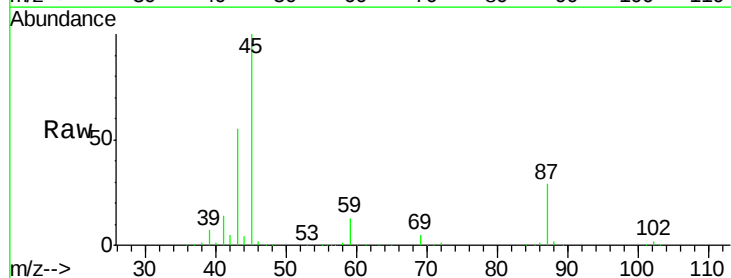
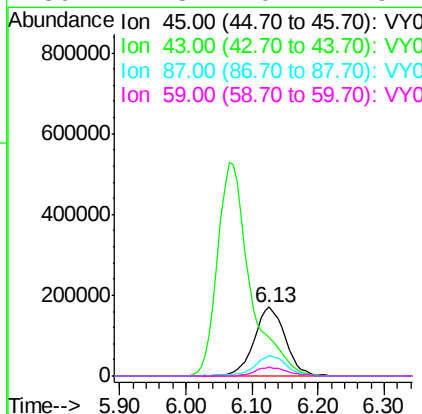
RT: 6.13 min Scan# 720

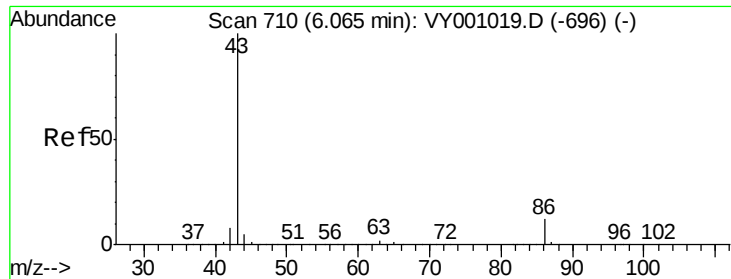
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion:	45	Resp:	562870
Ion	Ratio	Lower	Upper
45	100		
43	54.5	43.6	65.4
87	28.9	23.1	34.7
59	12.8	10.2	15.4





#23

Vinyl Acetate

Concen: 231.768 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1800799

Ion Ratio Lower Upper

43 100

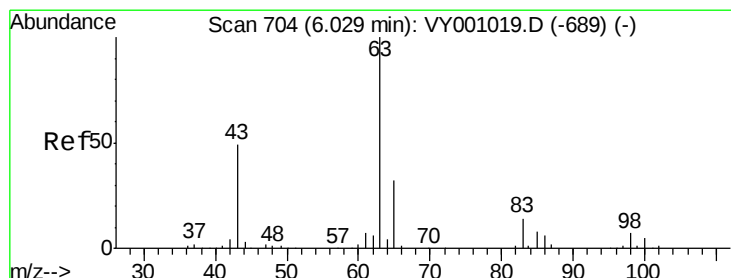
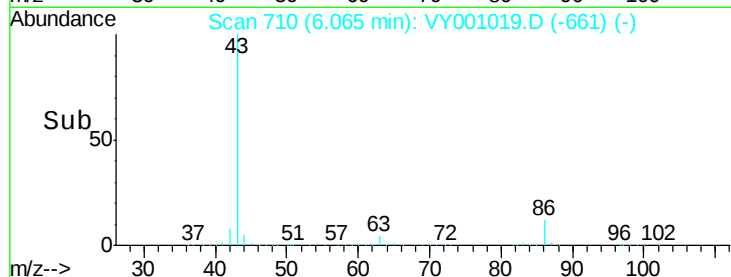
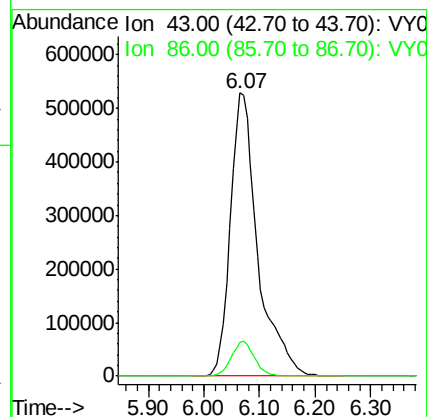
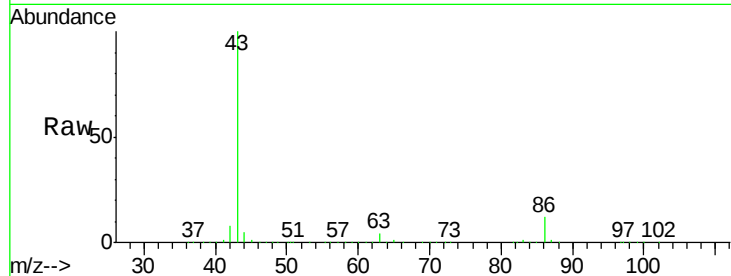
86 11.9 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 46.058 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

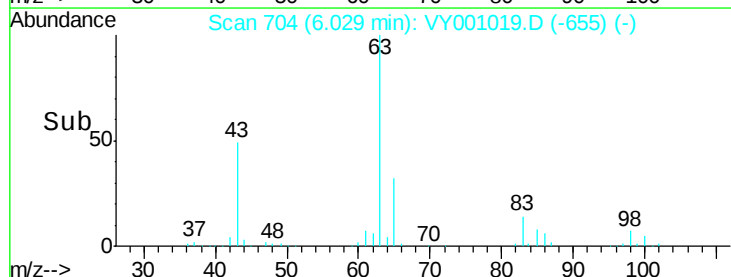
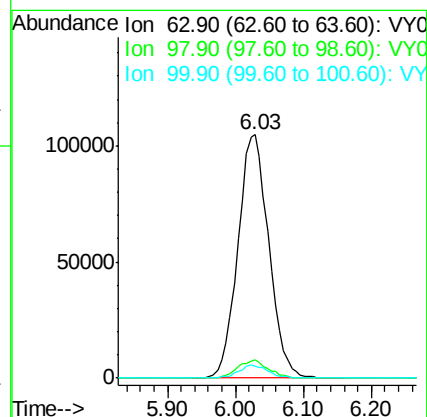
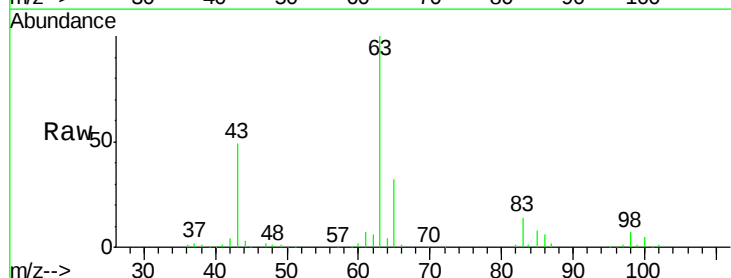
Tgt Ion: 63 Resp: 330884

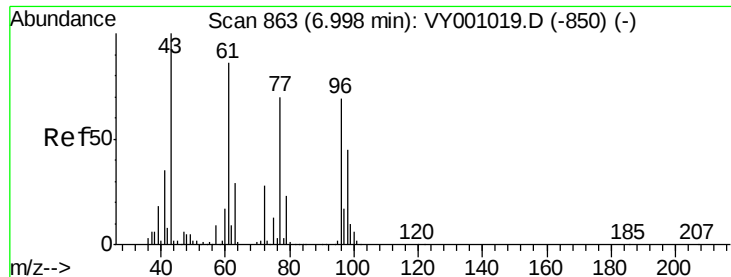
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 222.239 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 312734

Ion Ratio Lower Upper

43 100

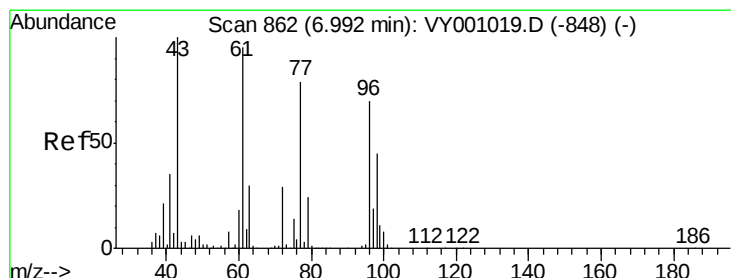
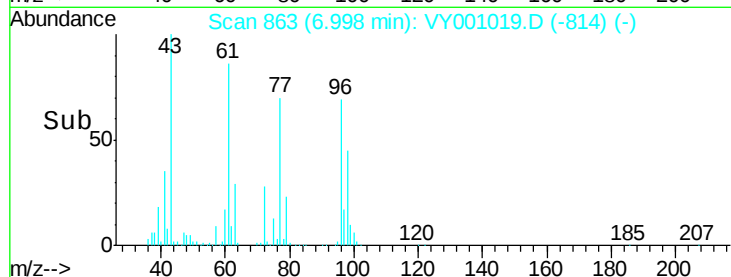
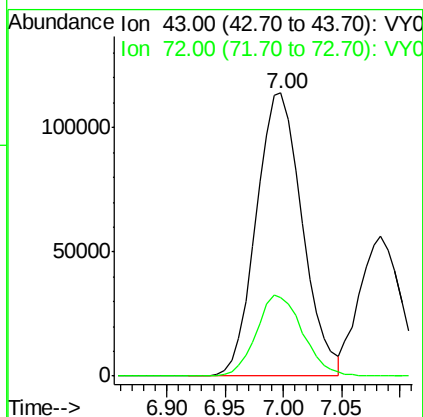
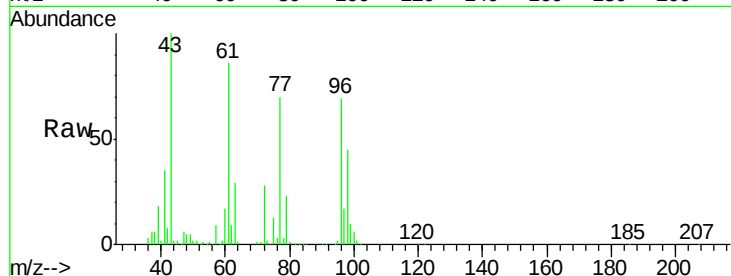
72 28.0 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 45.220 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001019.D

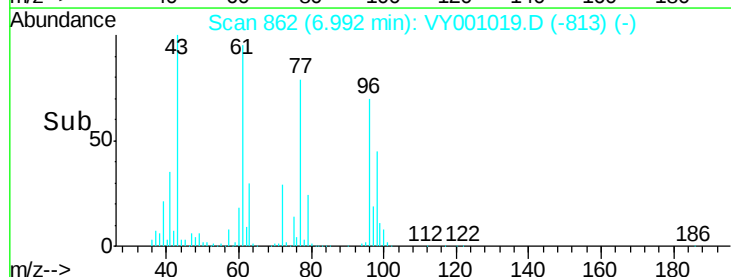
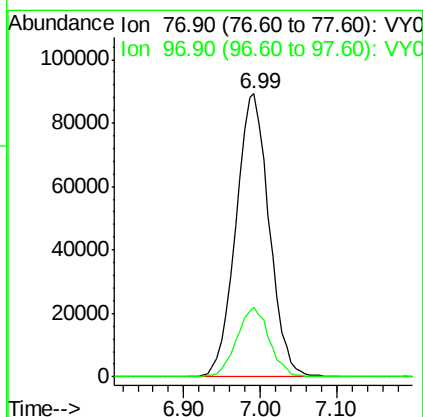
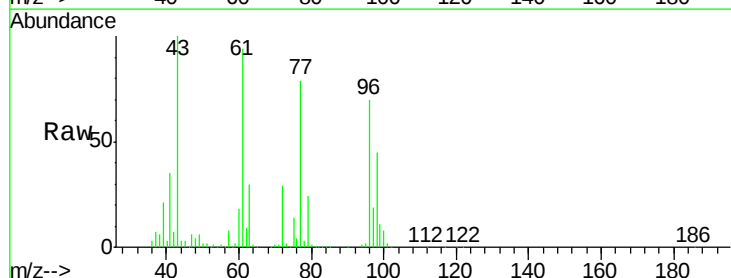
Acq: 23 Dec 2019 11:06

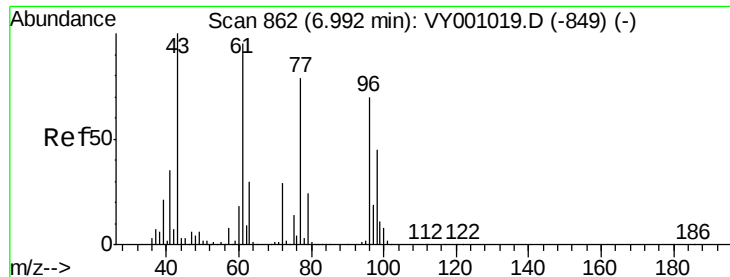
Tgt Ion: 77 Resp: 269130

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

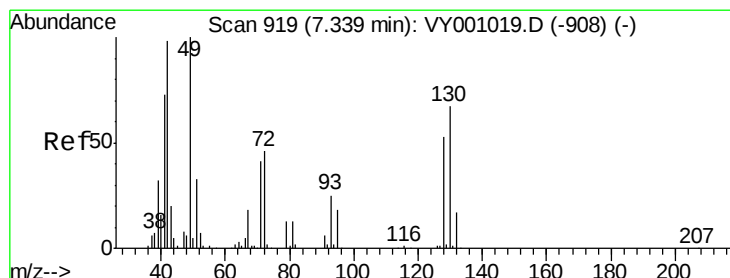
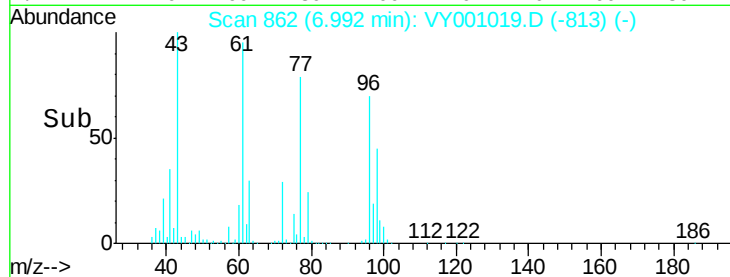
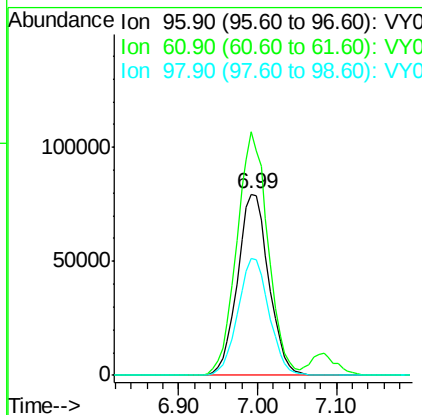
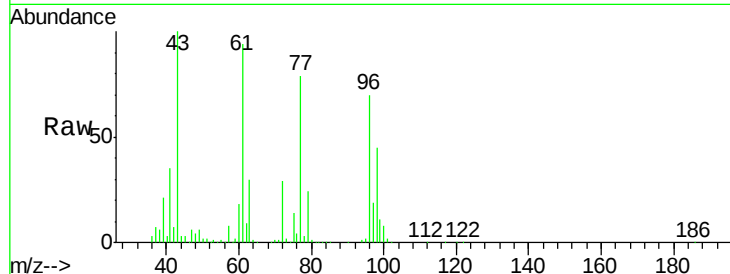
cis-1,2-Dichloroethene
Concen: 47.076 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218824		
61	134.1	0.0	268.2	
98	64.6	0.0	129.2	

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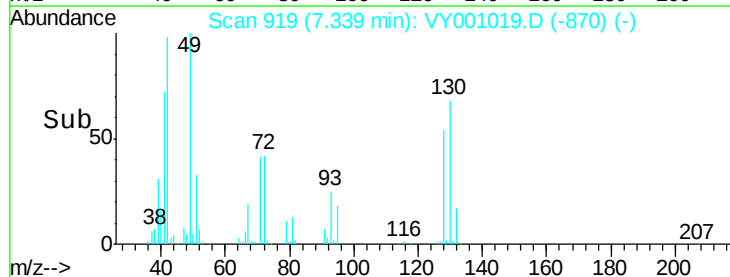
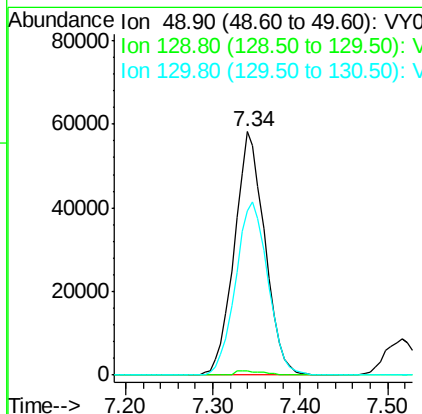
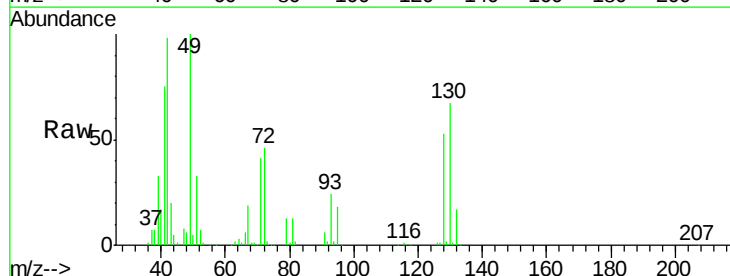
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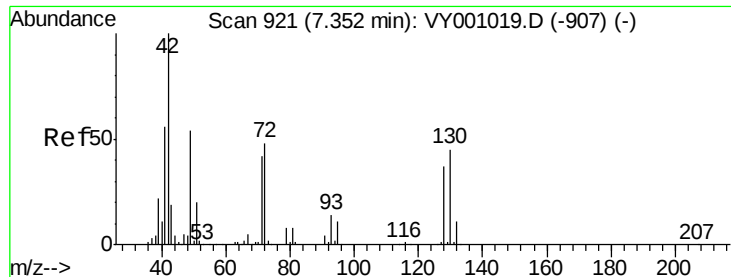


#28

Bromochloromethane
Concen: 50.735 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	140683		
129	1.9	0.0	3.8	
130	75.5	60.4	90.6	





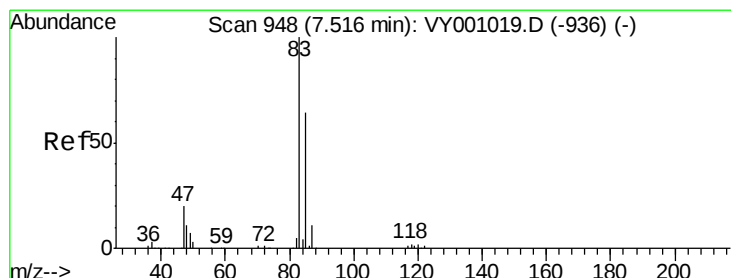
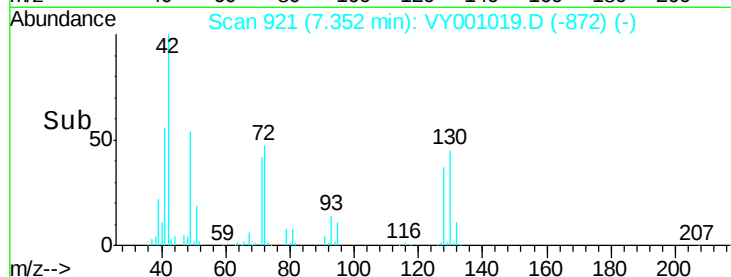
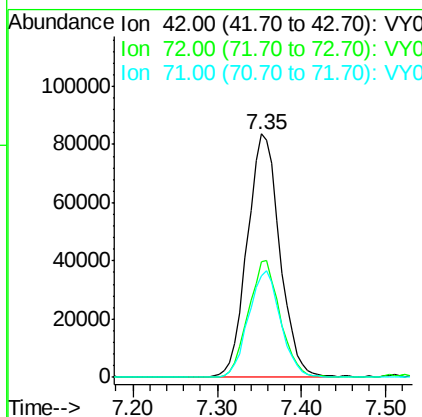
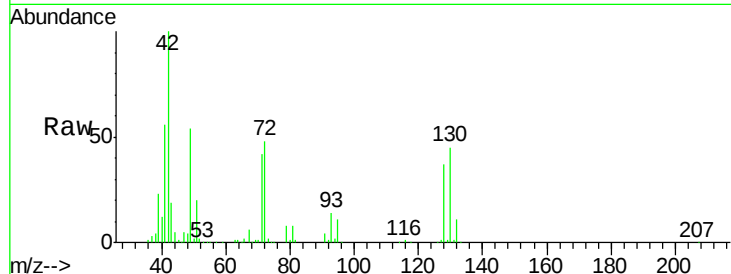
#29
Tetrahydrofuran
Concen: 223.948 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.7	56.5
71	43.2	34.6	51.8

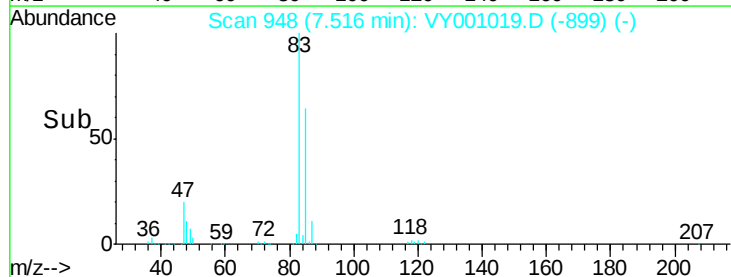
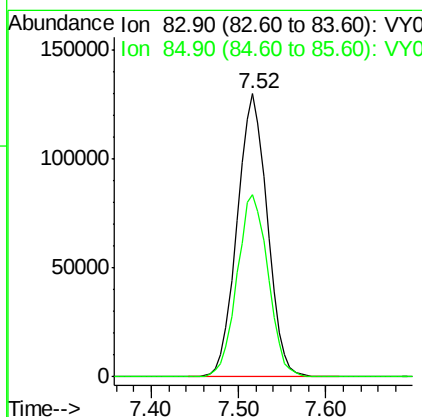
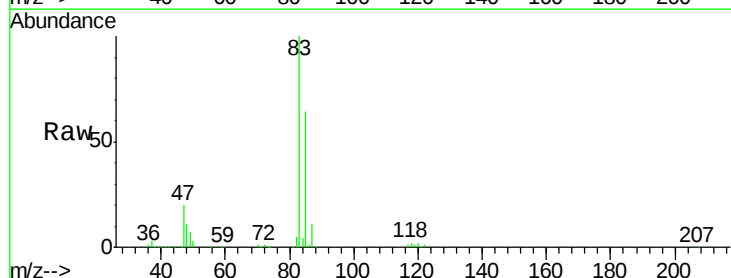
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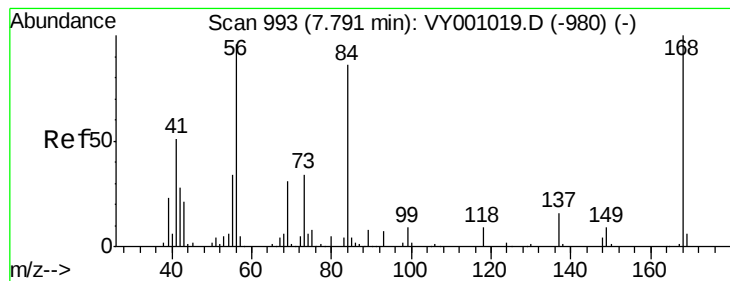
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#30
Chloroform
Concen: 45.851 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





#31

Cyclohexane

Concen: 43.418 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 329628

Ion Ratio Lower Upper

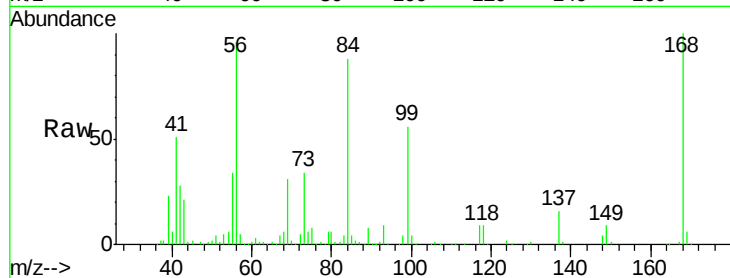
56 100

69 32.6 26.1 39.1

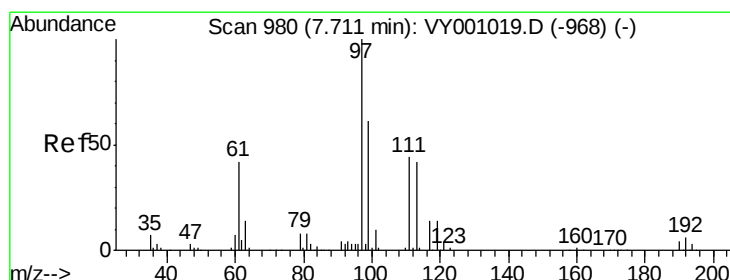
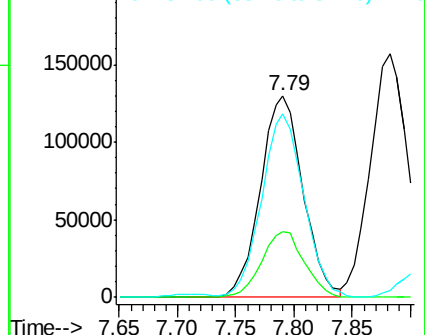
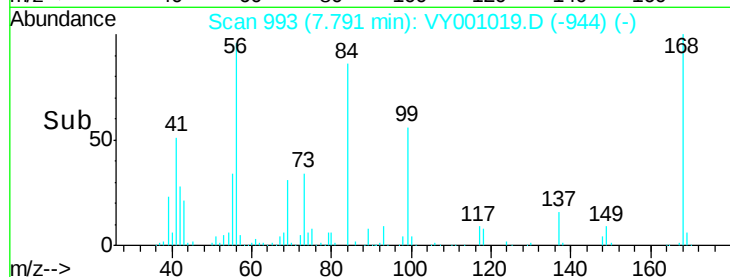
84 89.8 71.8 107.8

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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: 45.490 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

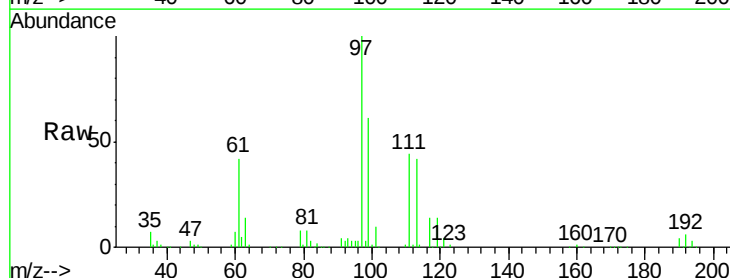
Tgt Ion: 97 Resp: 264423

Ion Ratio Lower Upper

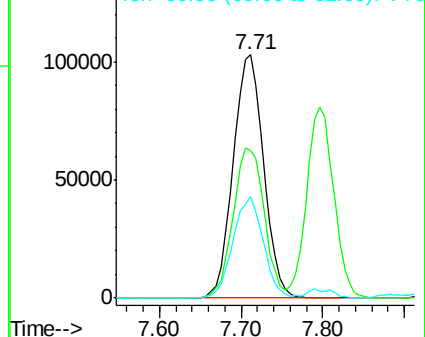
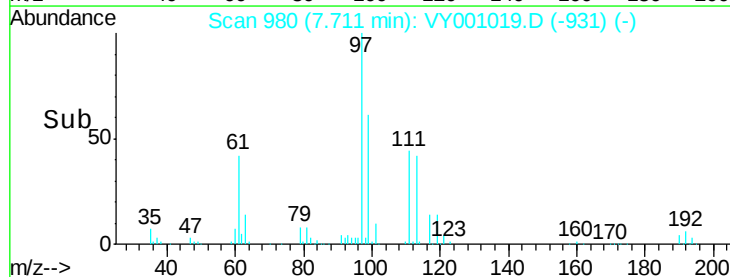
97 100

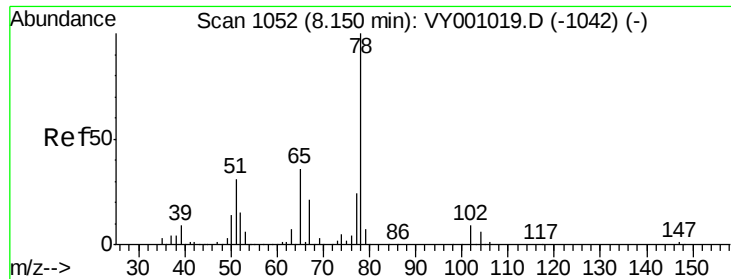
99 63.3 50.6 76.0

61 41.3 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





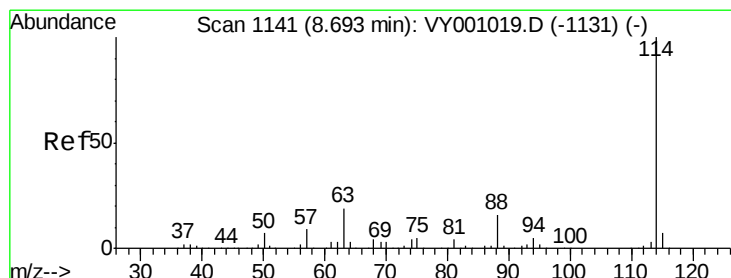
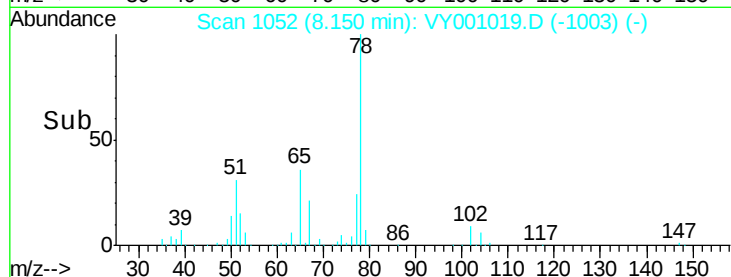
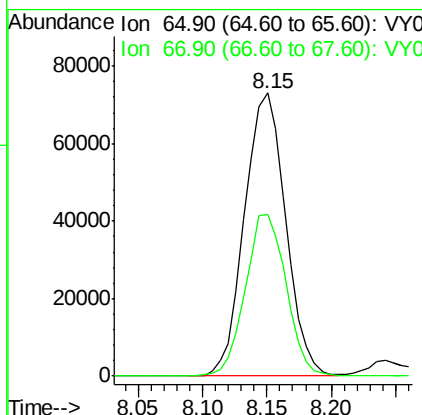
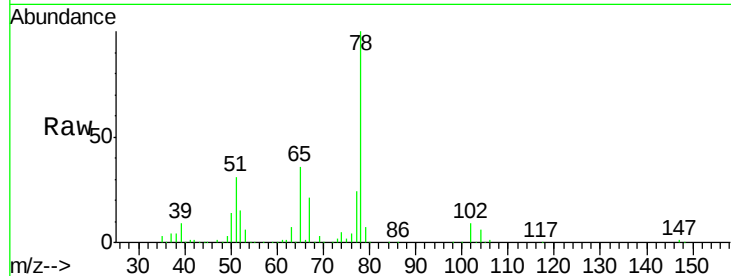
#33
 1,2-Dichloroethane-d4
 Concen: 48.010 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161732		
67	56.4	0.0	112.8	

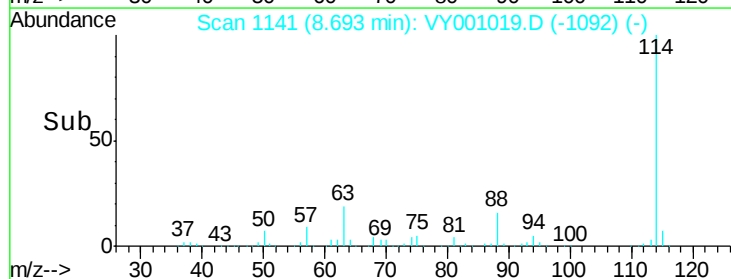
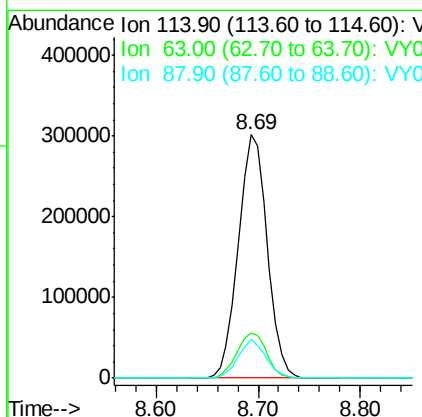
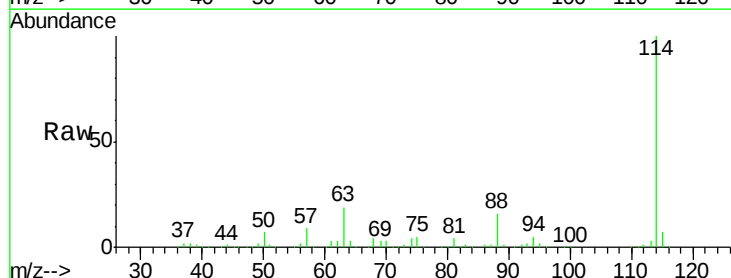
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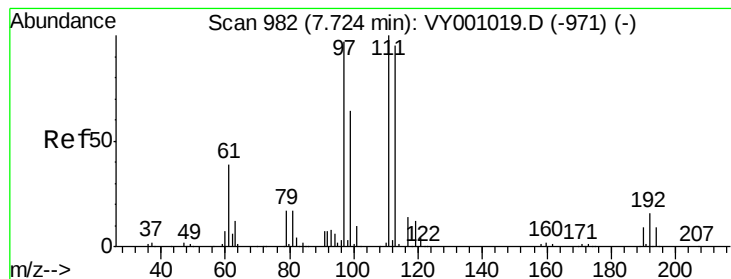
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	590921		
63	18.5	0.0	37.0	
88	16.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 47.501 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

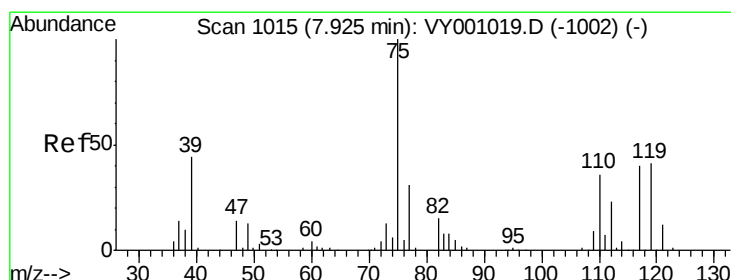
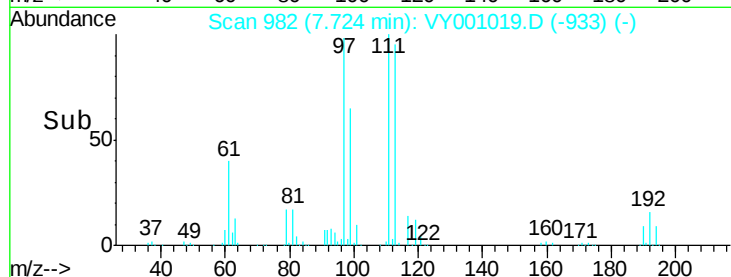
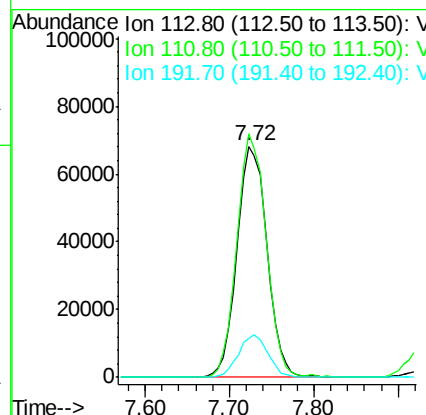
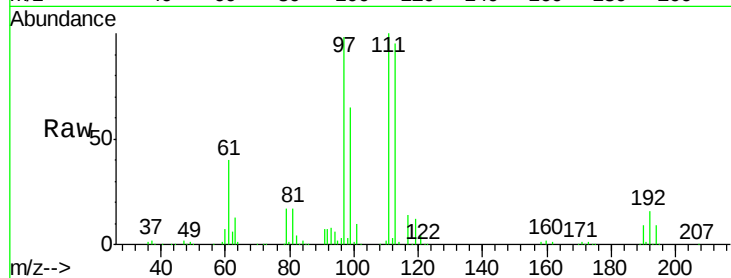
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	163992
Ion Ratio	Lower	Upper	
113	100		
111	103.7	83.0	124.4
192	18.2	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.644 ug/l

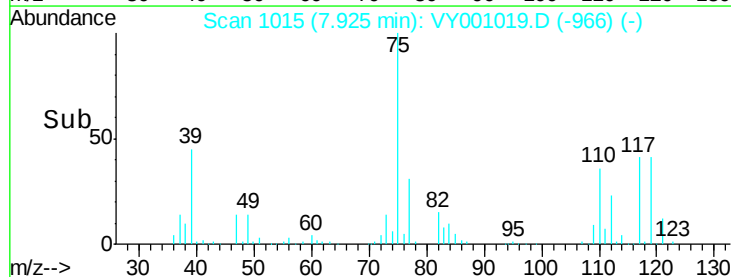
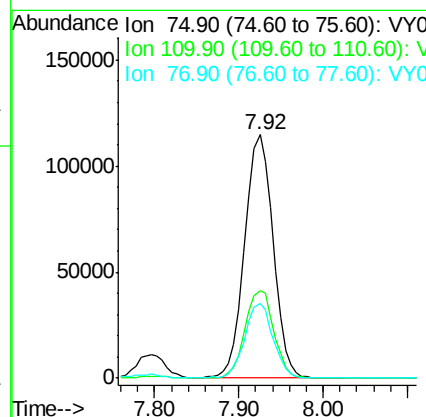
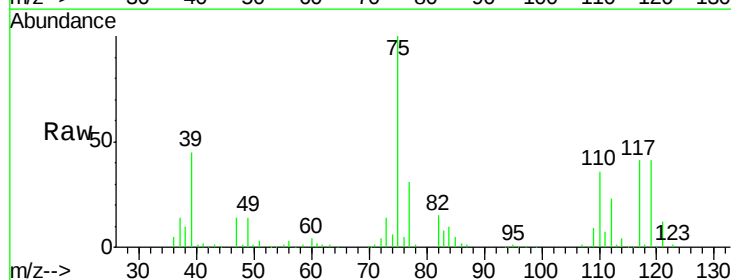
RT: 7.92 min Scan# 1015

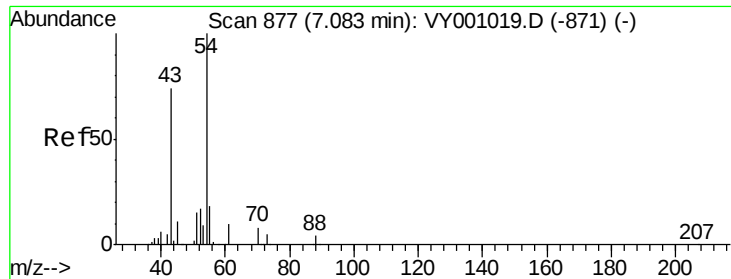
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion:	75	Resp:	261853
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.4
77	30.8	24.6	37.0





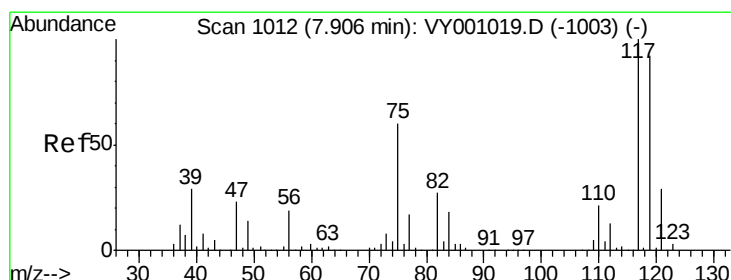
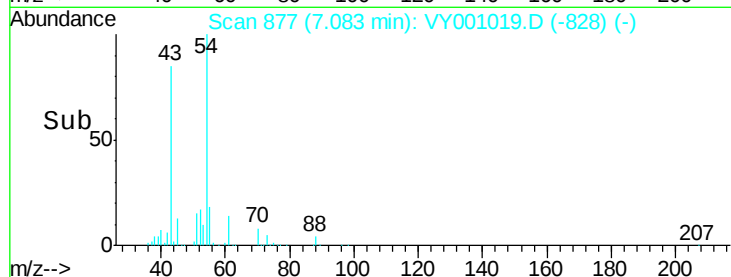
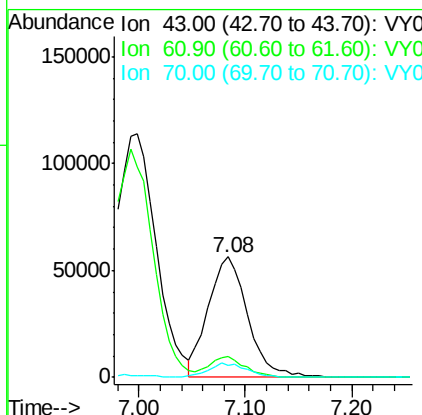
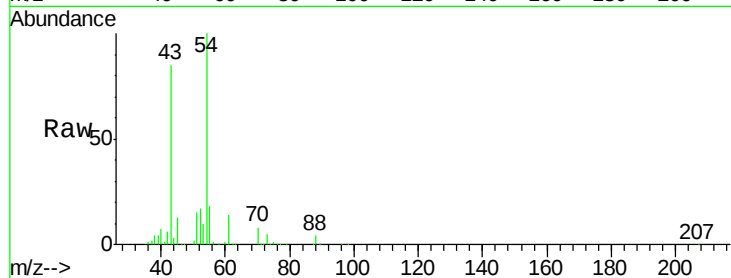
#37
Ethyl Acetate
Concen: 44.843 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.5	18.7
70	11.2	9.0	13.4

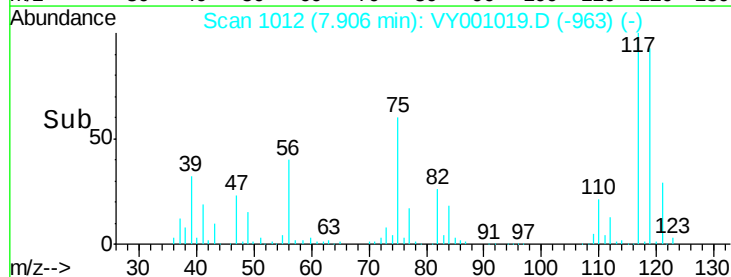
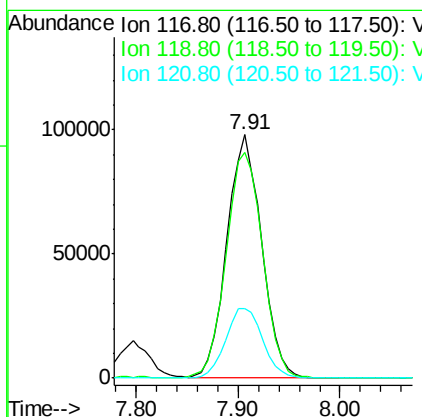
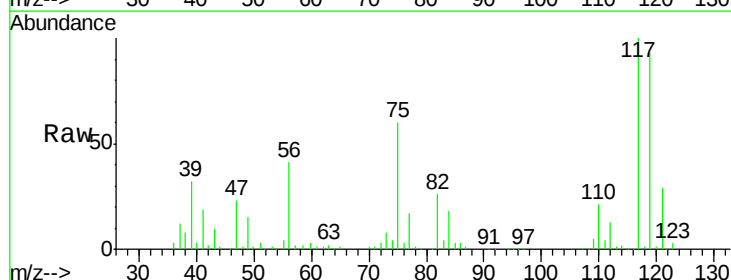
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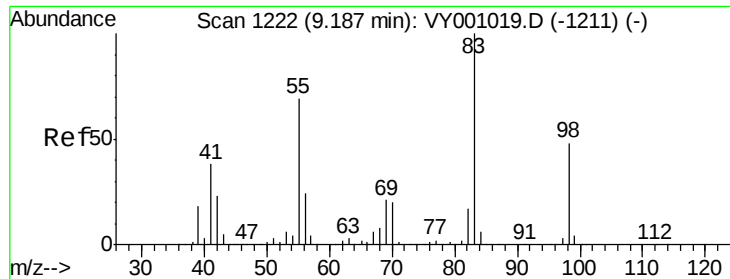
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#38
Carbon Tetrachloride
Concen: 46.058 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.2	111.2
121	28.6	22.9	34.3





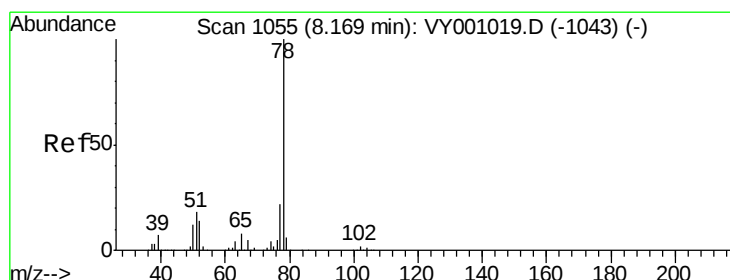
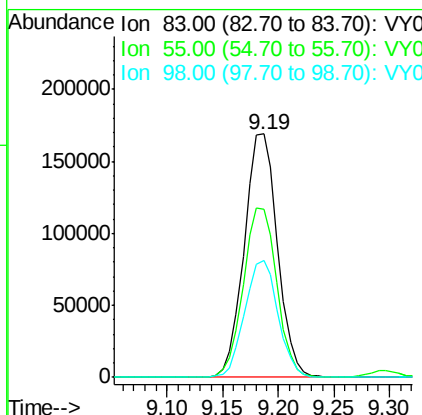
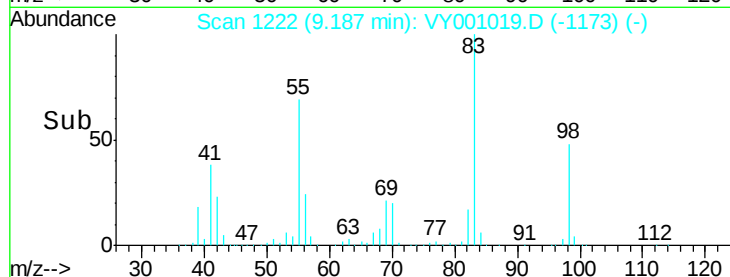
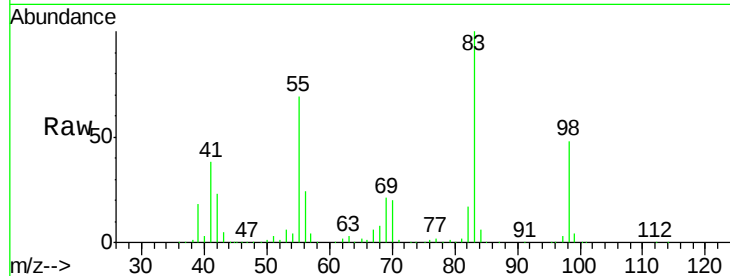
#39
Methvlcvclohexane
Concen: 46.141 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	351140
Ion Ratio	100	Lower	Upper
83	100		
55	68.9	55.1	82.7
98	47.9	38.3	57.5

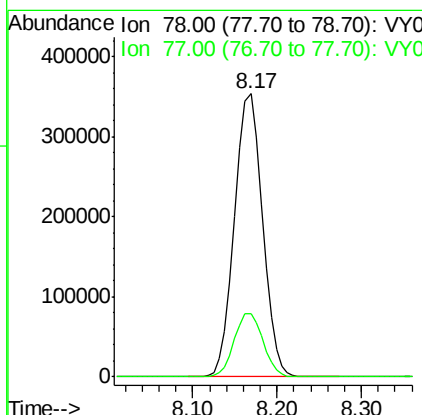
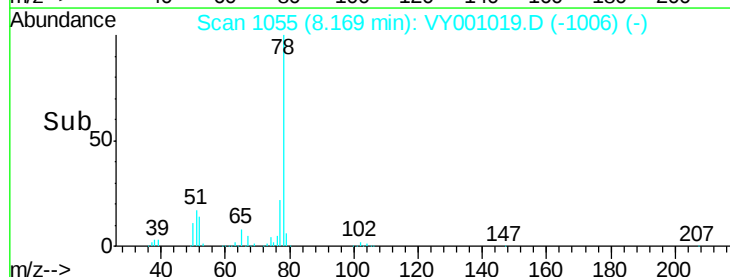
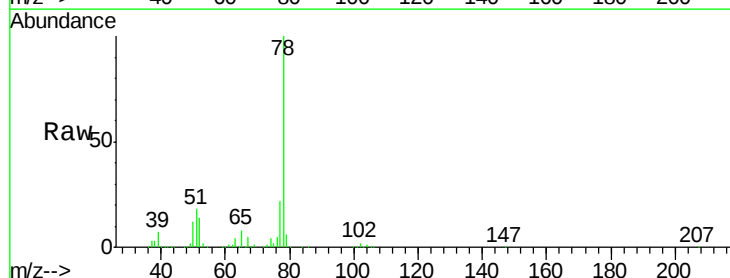
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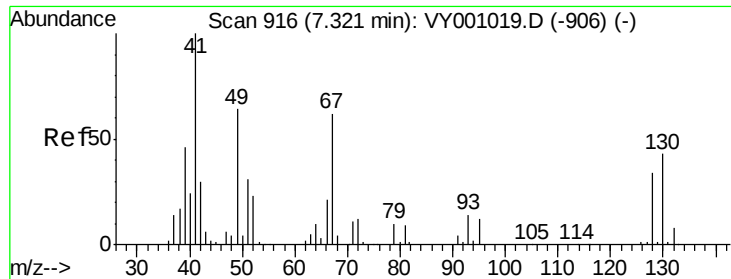
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#40
Benzene
Concen: 46.317 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	78	Resp	793457
Ion Ratio	100	Lower	Upper
78	100		
77	22.1	17.7	26.5





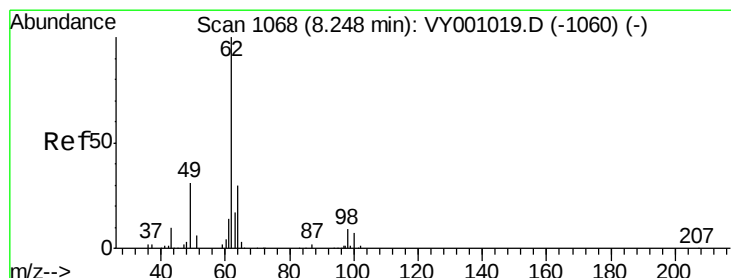
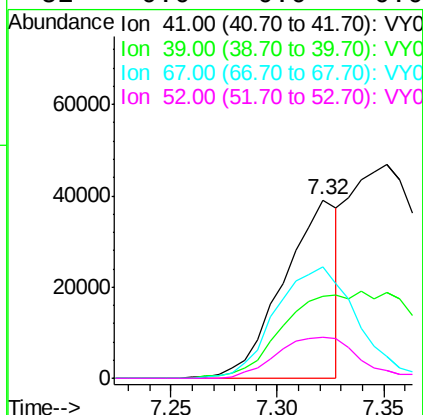
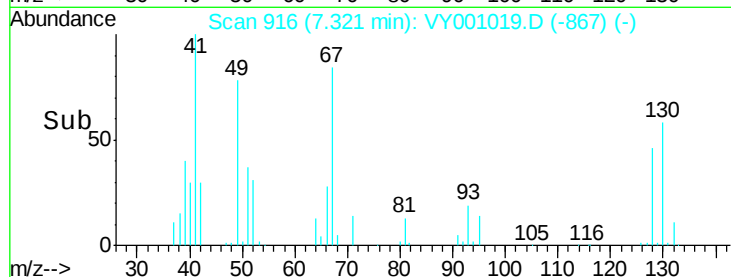
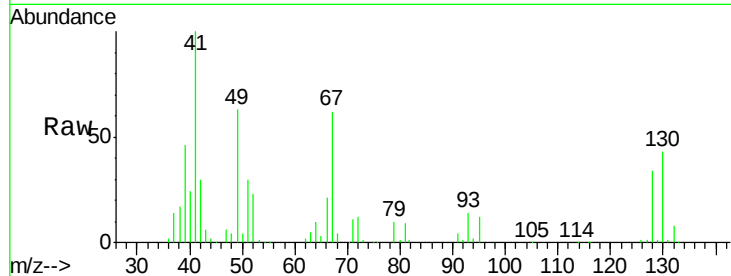
#41
Methacrylonitrile
Concen: 23.441 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	69812
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

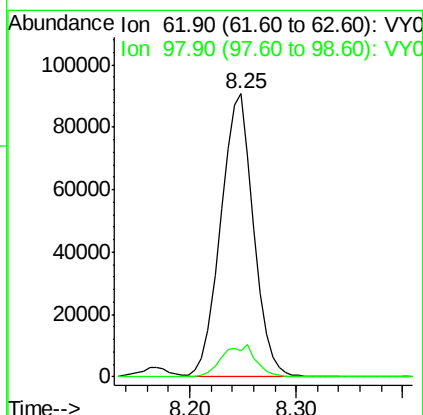
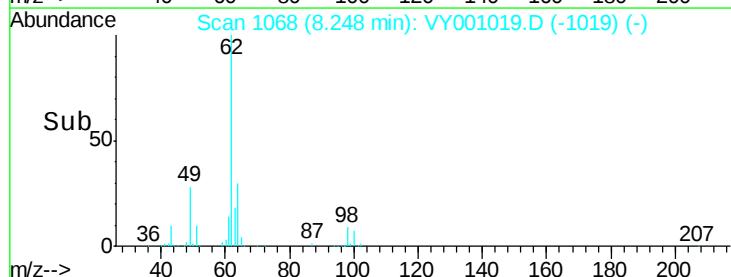
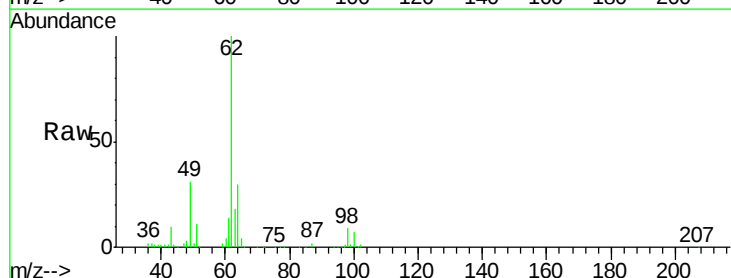
Manual Integrations
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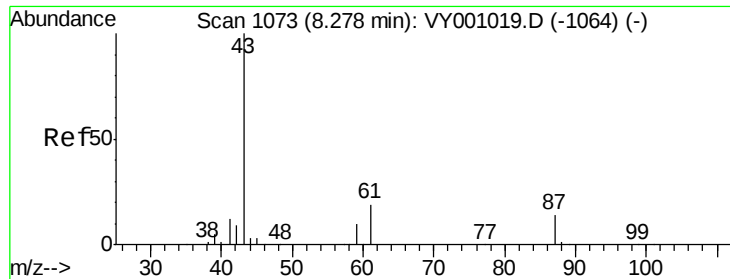
apatel
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#42
1,2-Dichloroethane
Concen: 46.457 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	62	Resp	194375
Ion Ratio	Lower	Upper	
62	100		
98	11.7	0.0	23.4





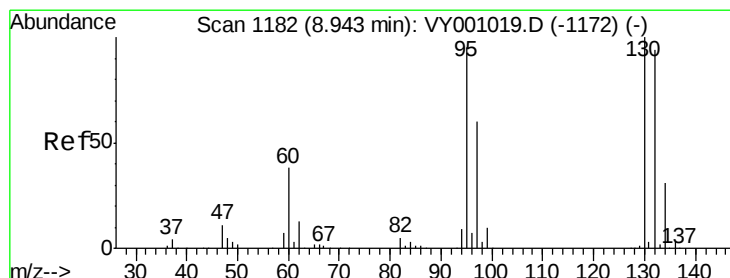
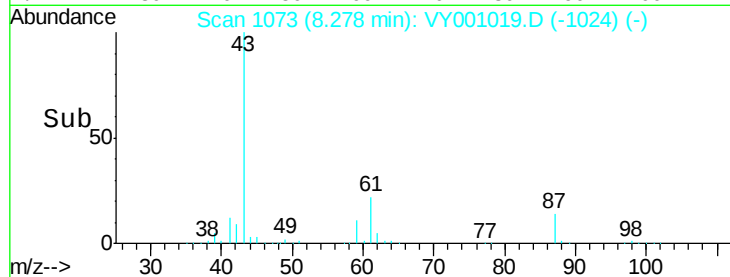
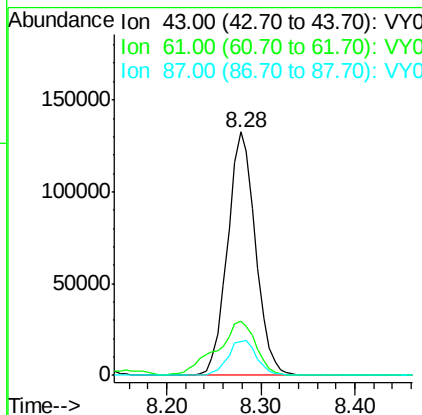
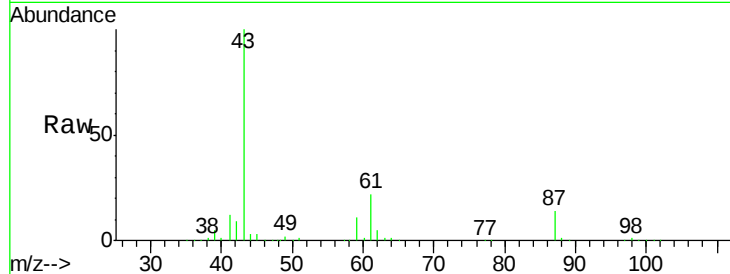
#43
Isopropyl Acetate
Concen: 45.820 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	25.0	37.6
87	15.0	12.0	18.0

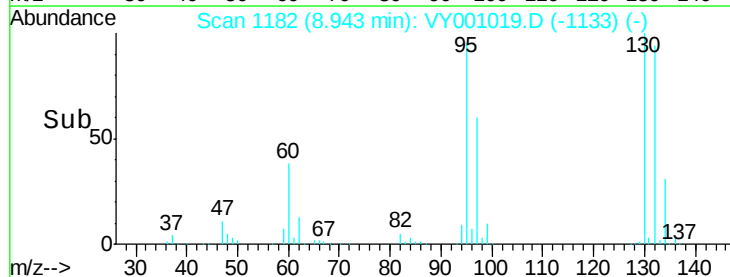
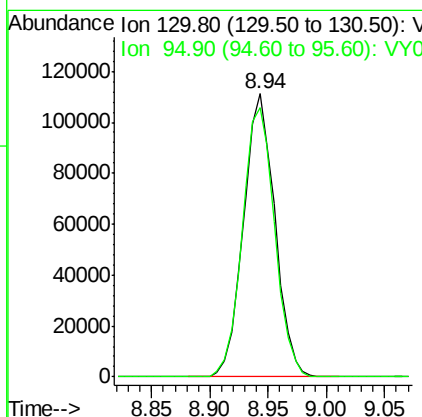
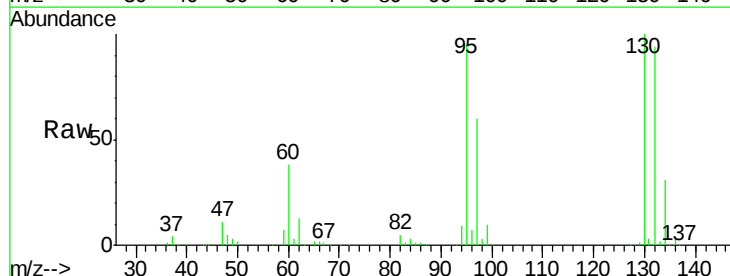
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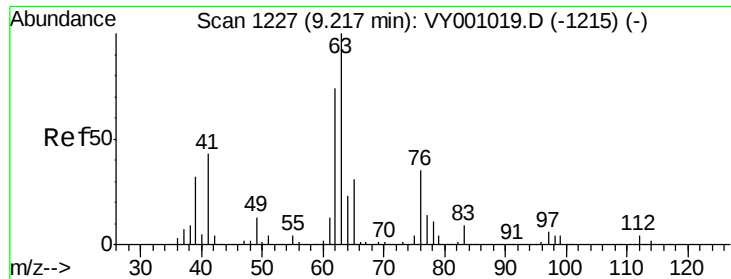
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#44
Trichloroethene
Concen: 46.651 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	190.6





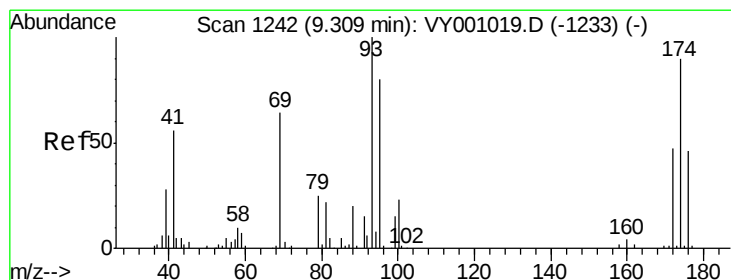
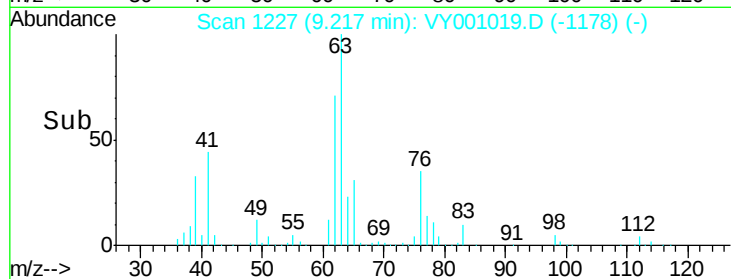
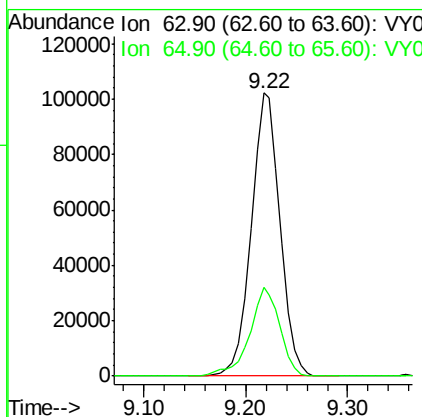
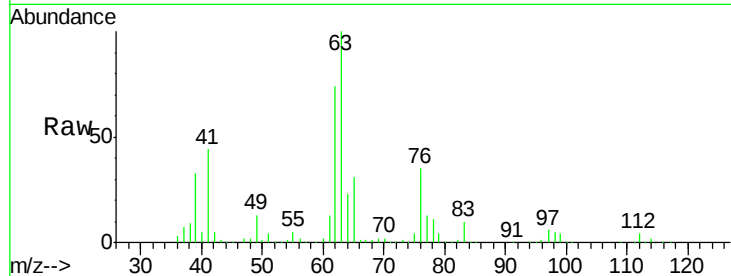
#45
 1,2-Dichloropropane
 Concen: 46.599 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	63	Resp	200383
Ion Ratio	Lower	Upper	
63	100		
65	31.4	25.1	37.7

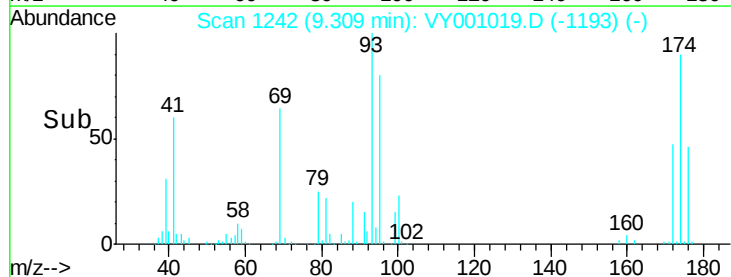
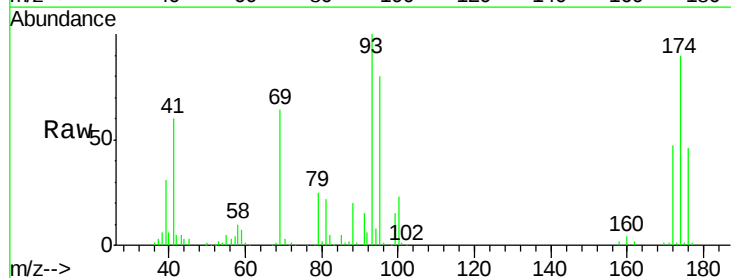
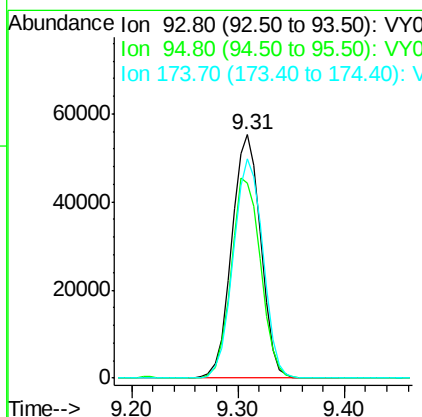
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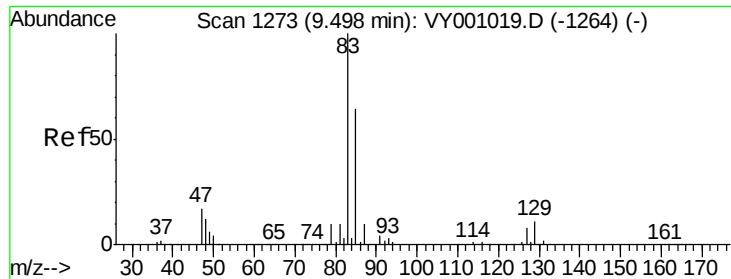
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#46
 Dibromomethane
 Concen: 47.774 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	93	Resp	105810
Ion Ratio	Lower	Upper	
93	100		
95	83.4	66.7	100.1
174	92.0	73.6	110.4





#47

Bromodichloromethane

Concen: 47.280 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

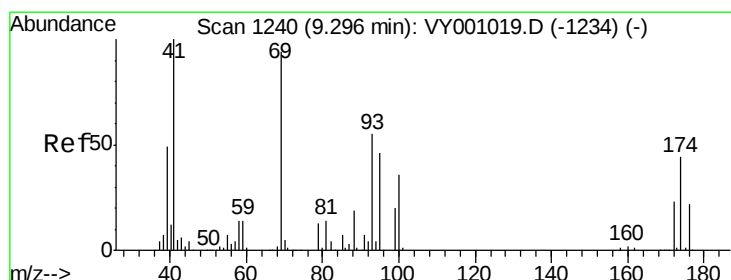
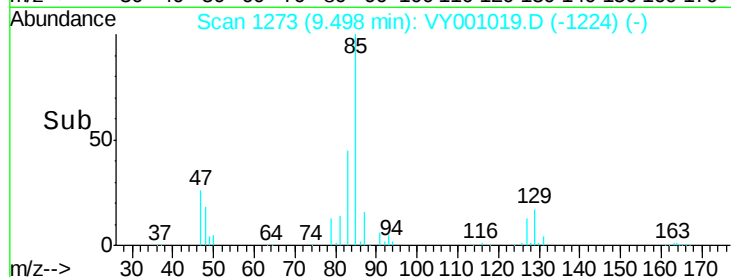
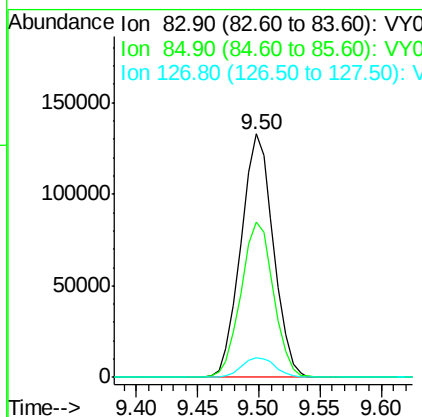
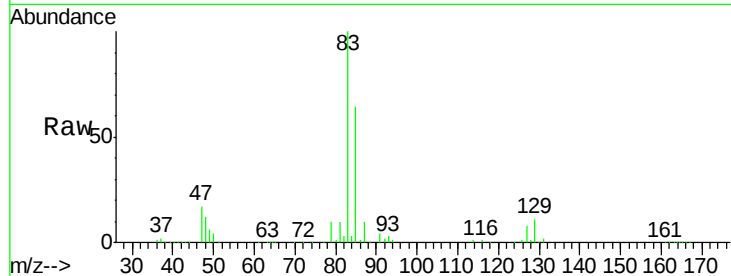
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	244696
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.9	76.3
127	8.0	6.4	9.6

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#48

Methyl methacrylate

Concen: 46.683 ug/l

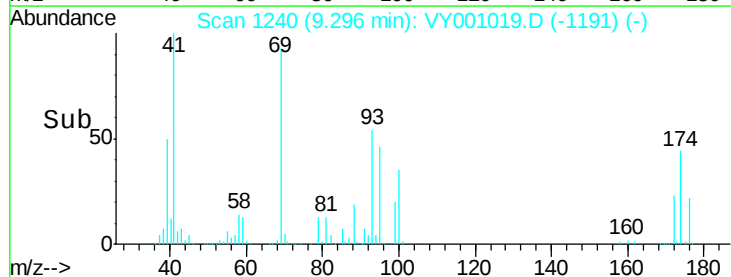
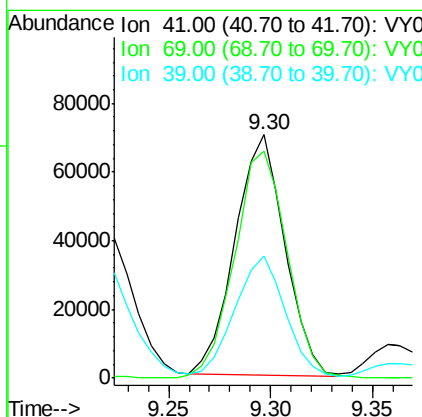
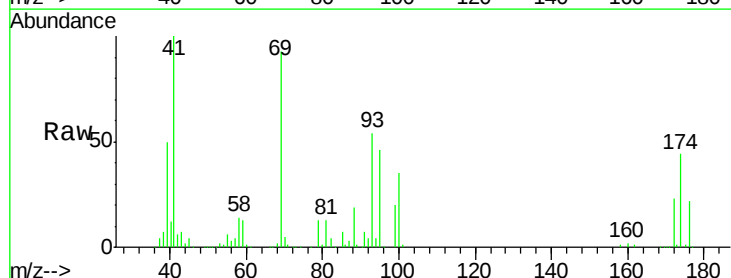
RT: 9.30 min Scan# 1240

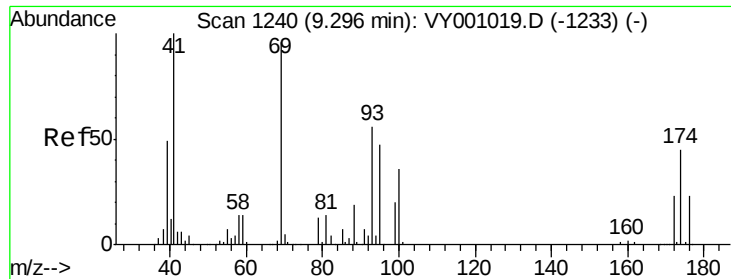
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion:	41	Resp:	119020
Ion Ratio	Lower	Upper	
41	100		
69	99.7	79.8	119.6
39	52.1	41.7	62.5





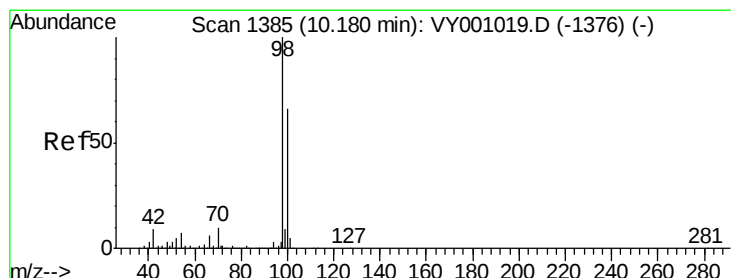
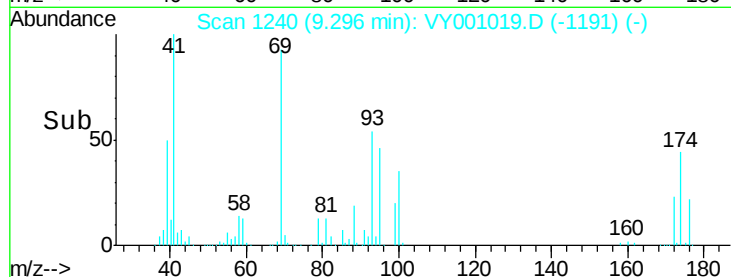
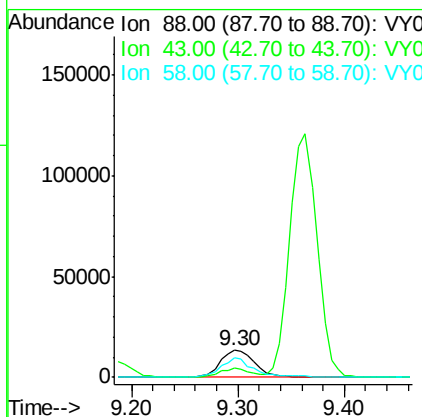
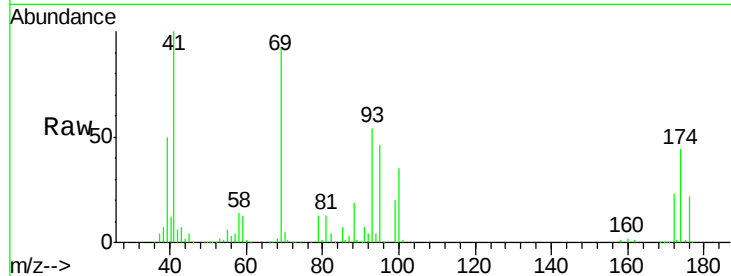
#49
1,4-Dioxane
Concen: 964.879 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	30801
Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.0	34.4
58	68.6	54.9	82.3

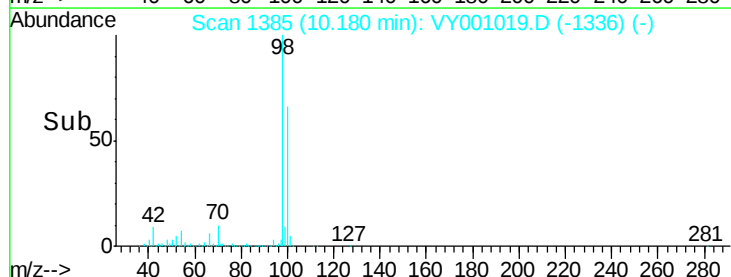
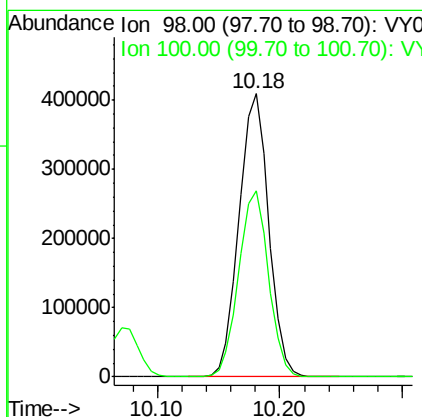
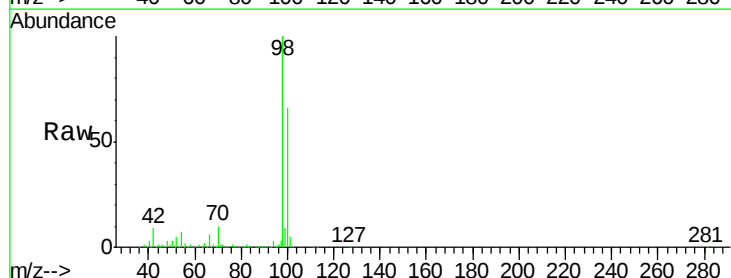
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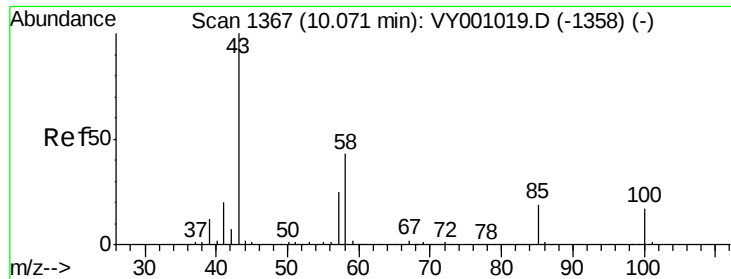
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#50
Toluene-d8
Concen: 50.639 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	98	Resp	687071
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4





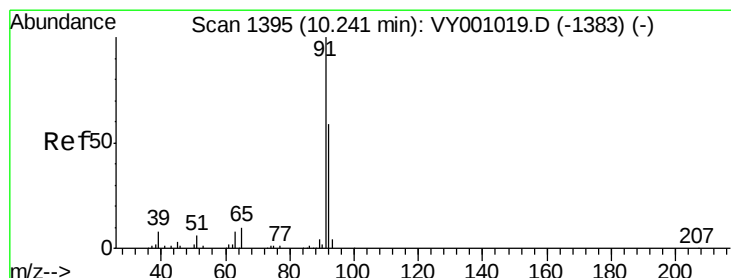
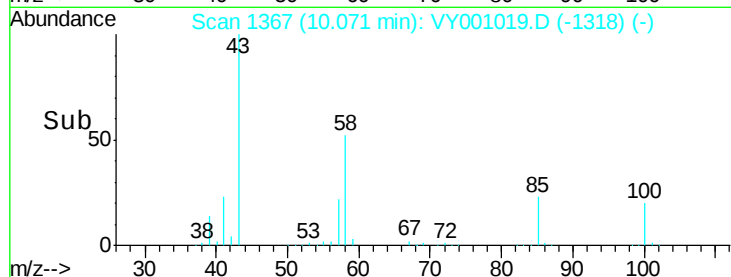
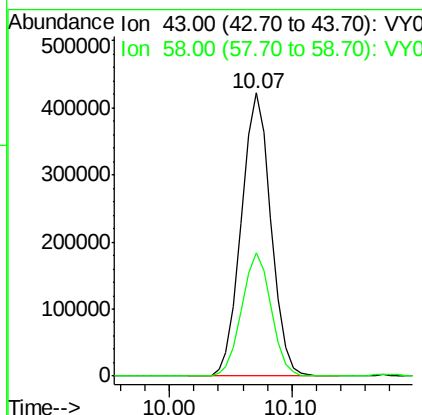
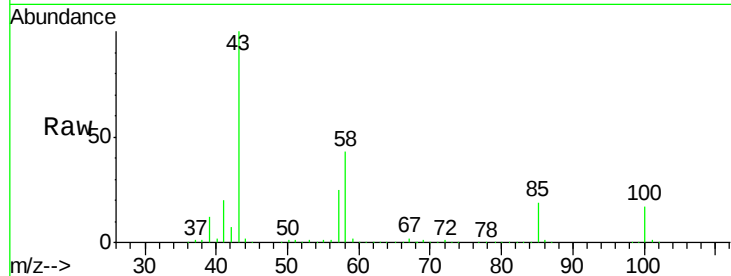
#51
4-Methyl-2-Pentanone
Concen: 227.603 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	34.6	52.0

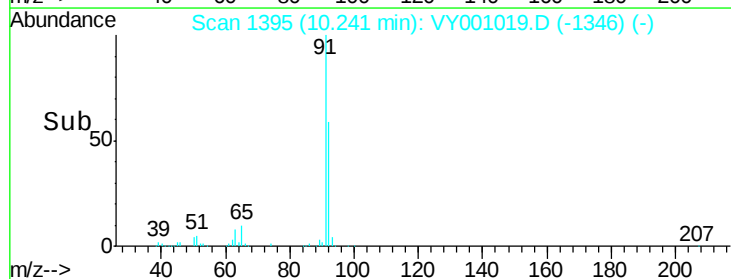
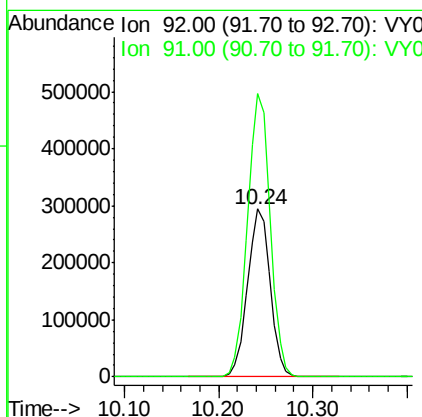
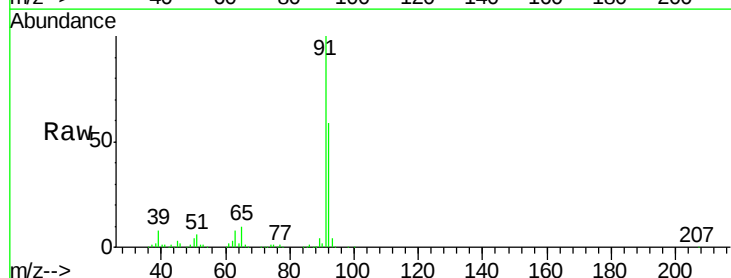
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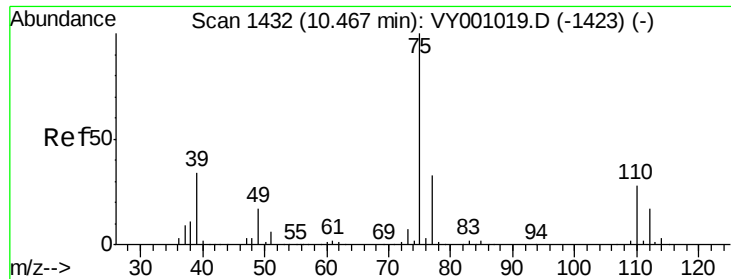
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#52
Toluene
Concen: 46.677 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	135.7	203.5





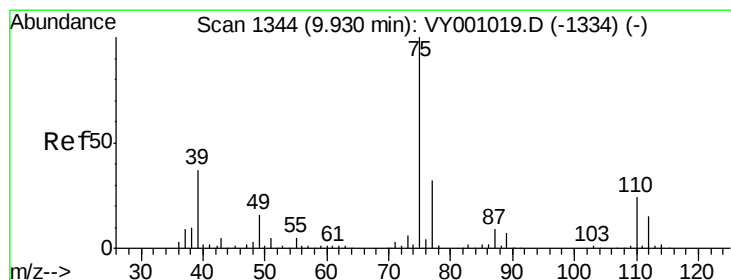
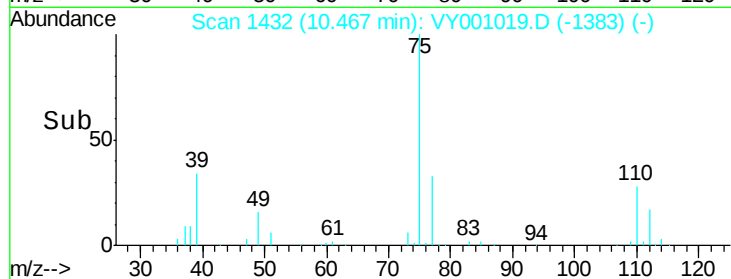
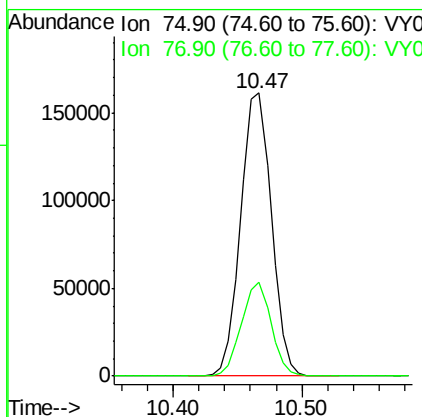
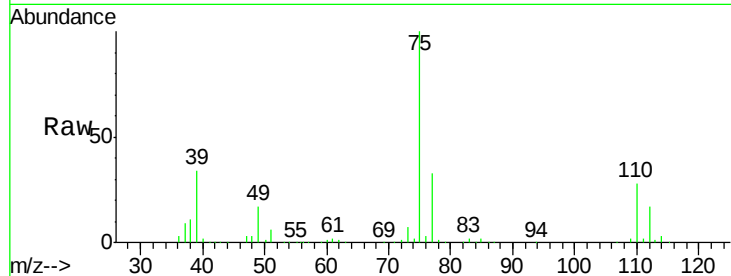
#53
t-1,3-Dichloropropene
Concen: 47.464 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

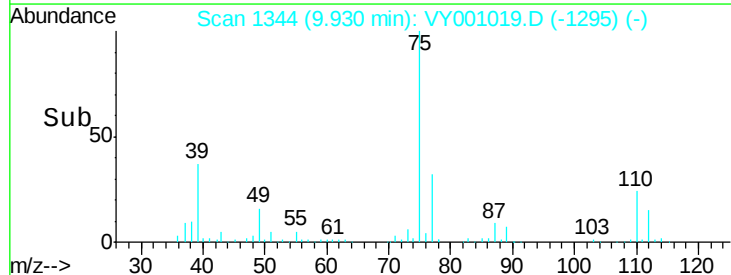
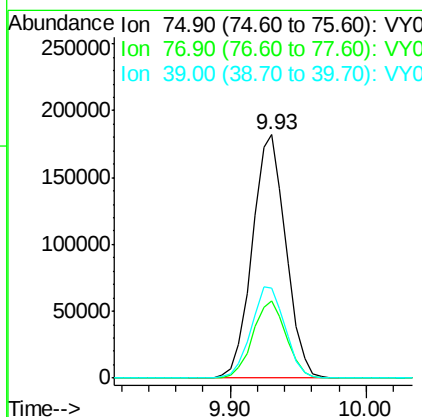
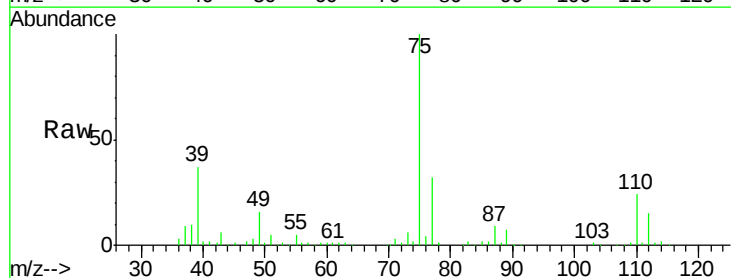
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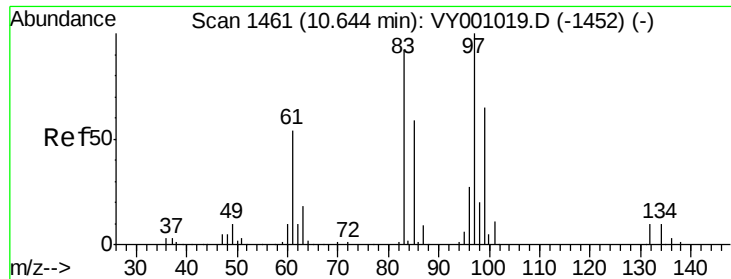
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#54
cis-1,3-Dichloropropene
Concen: 46.750 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	36.9	29.5	44.3





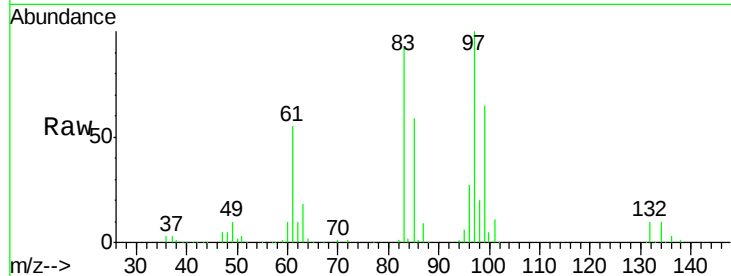
#55
 1,1,2-Trichloroethane
 Concen: 46.694 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

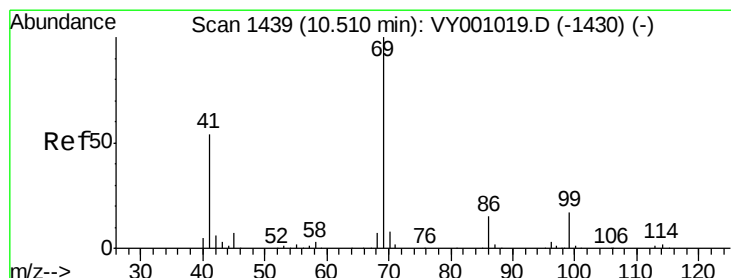
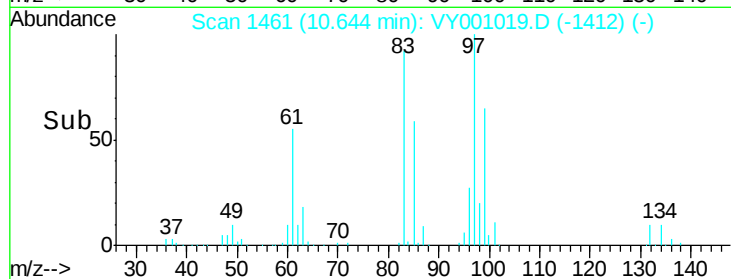
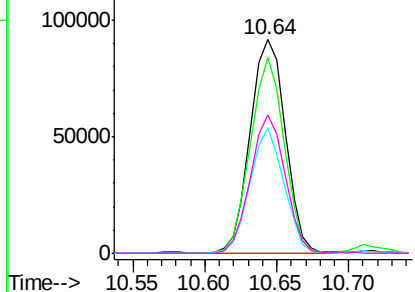
Tot Ion:	97	Resp:	154538
Ion	Ratio	Lower	Upper
97	100		
83	92.1	73.7	110.5
85	59.1	47.3	70.9
99	64.9	51.9	77.9

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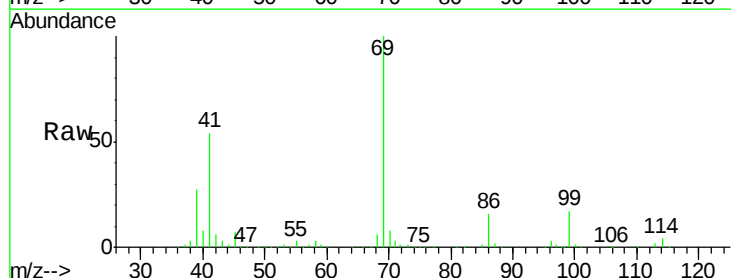


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

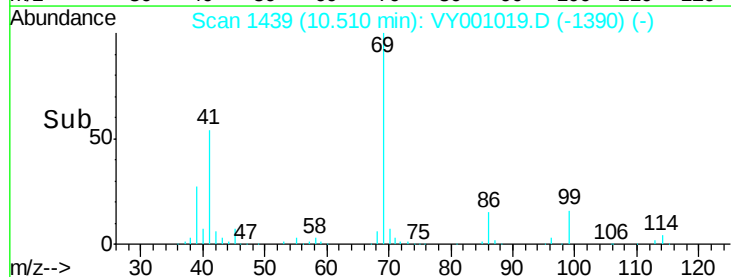
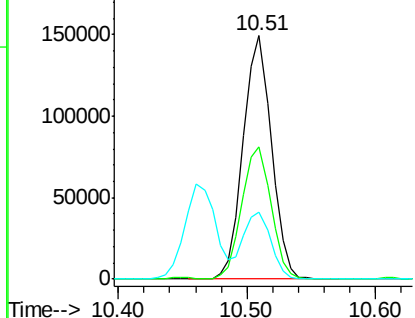


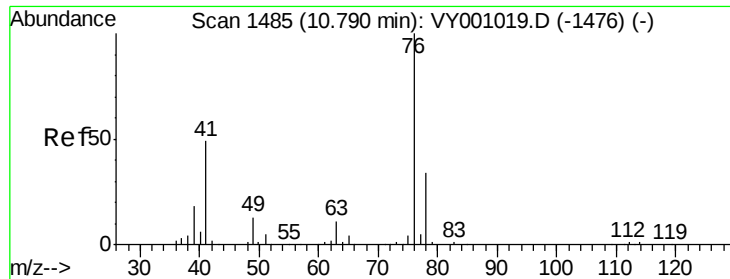
#56
 Ethyl methacrylate
 Concen: 47.884 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion:	69	Resp:	227024
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.7	67.1
39	27.8	22.2	33.4



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





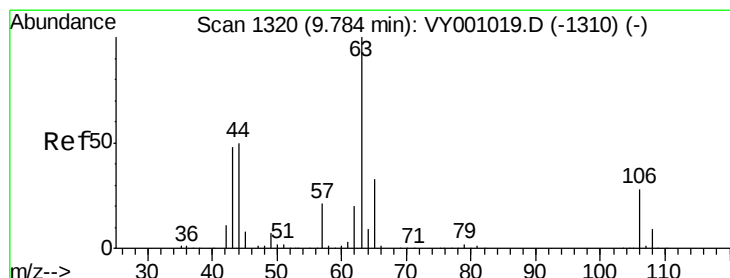
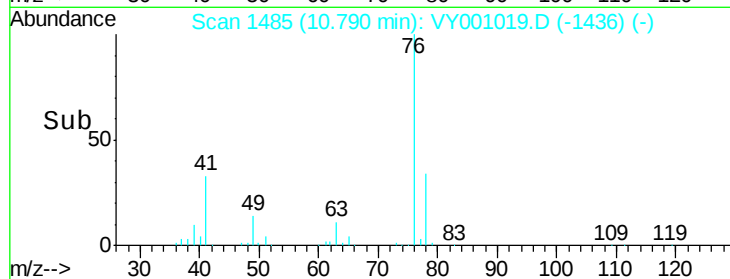
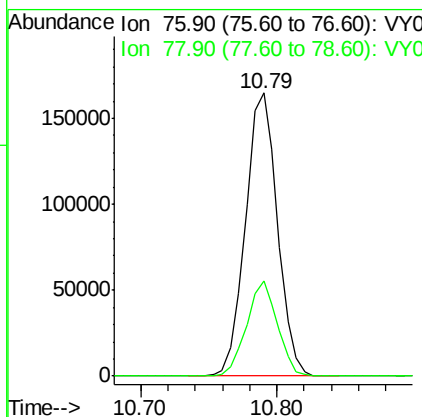
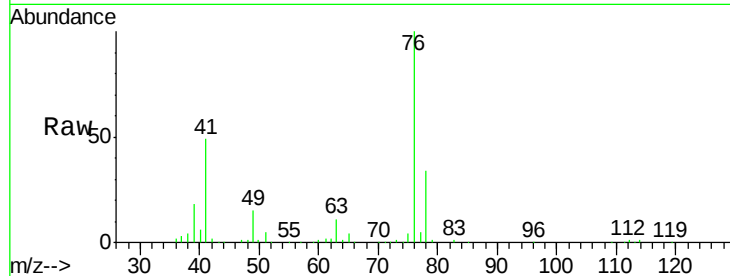
#57
 1,3-Dichloropropane
 Concen: 46.890 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 271474
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

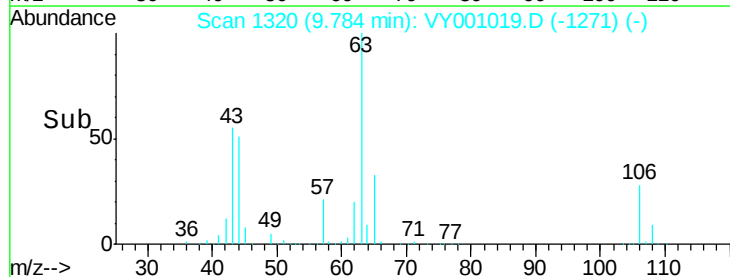
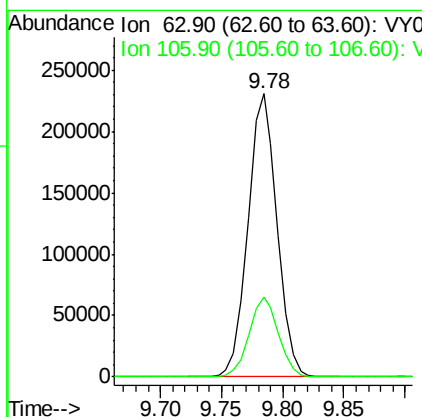
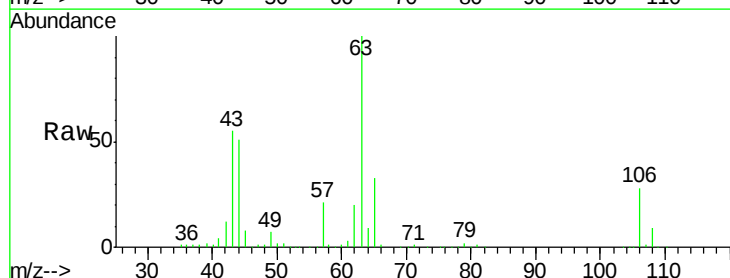
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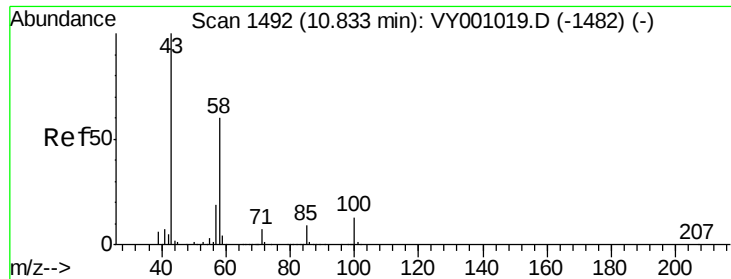
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#58
 2-Chloroethyl Vinyl ether
 Concen: 206.941 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion: 63 Resp: 380681
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1





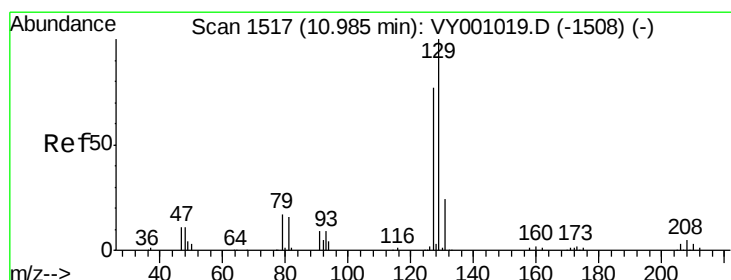
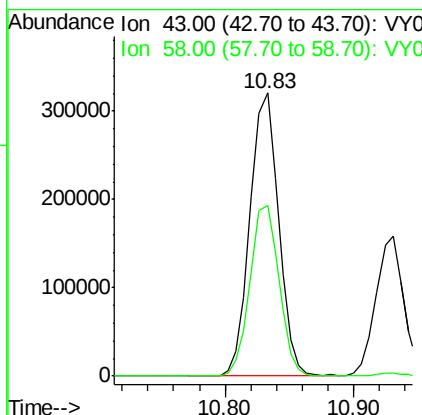
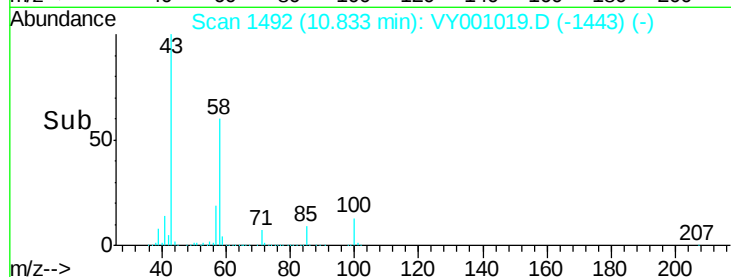
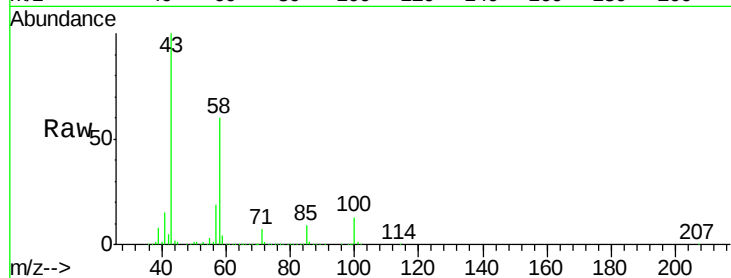
#59
2-Hexanone
Concen: 225.019 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 492295
Ion Ratio Lower Upper
43 100
58 61.1 30.6 91.6

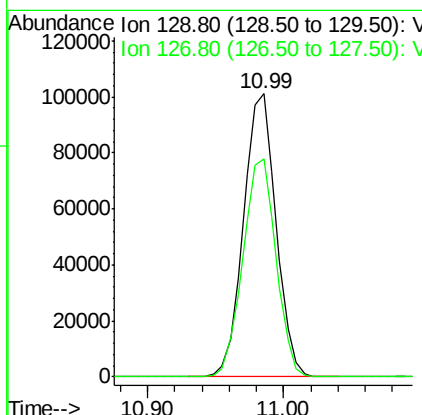
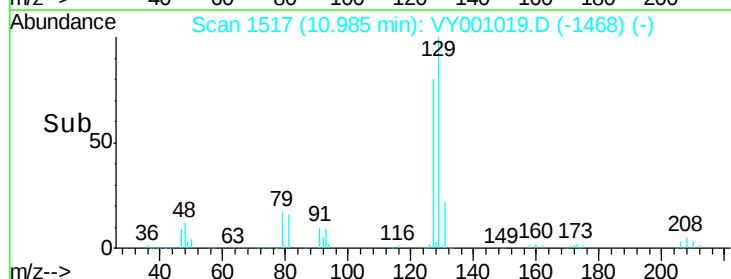
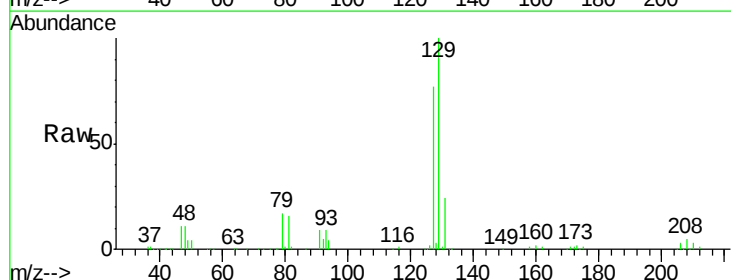
Manual Integrations
APPROVED

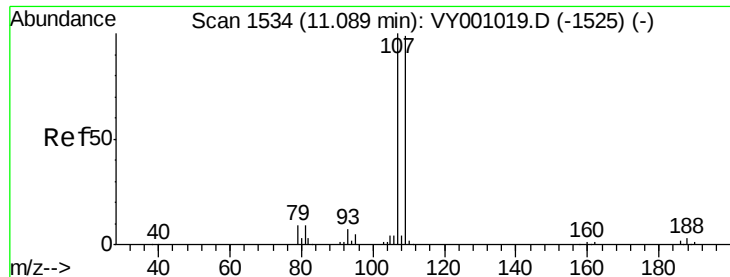
apatel
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#60
Dibromochloromethane
Concen: 47.899 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion: 129 Resp: 169556
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





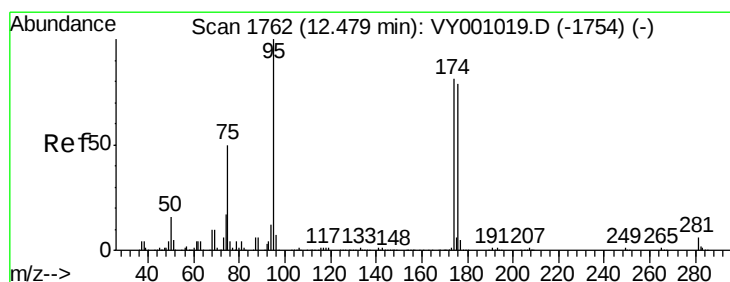
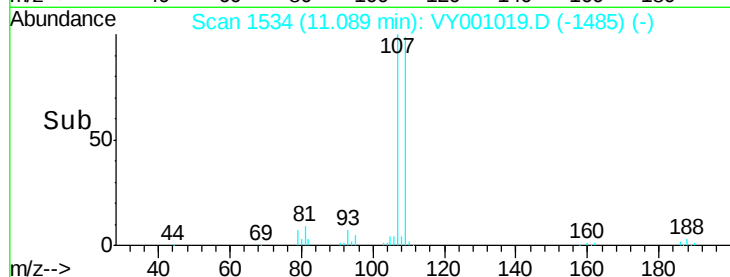
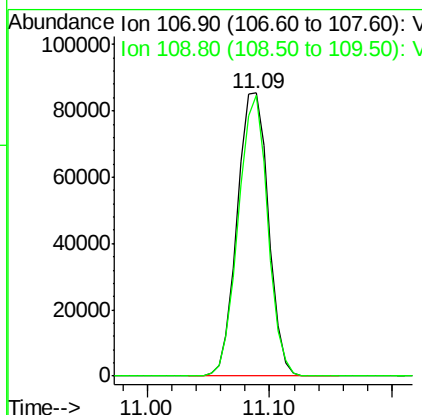
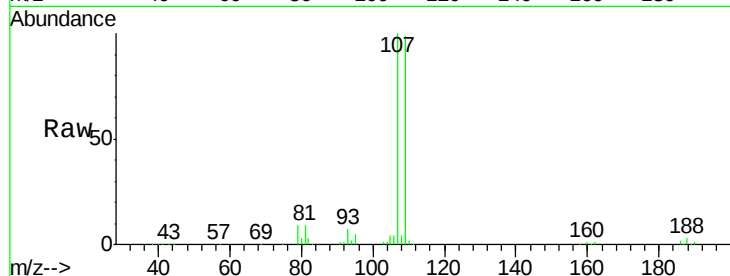
#61
 1,2-Dibromoethane
 Concen: 48.148 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.8	112.2

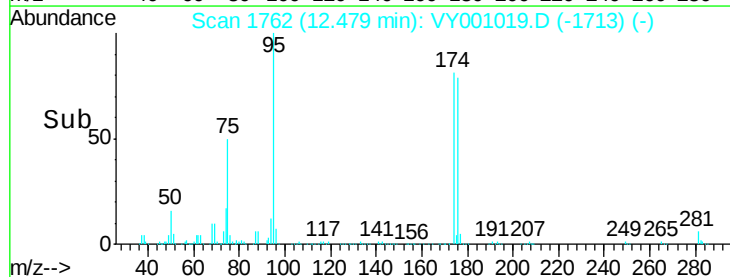
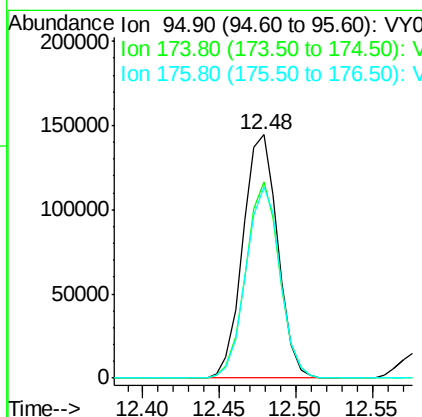
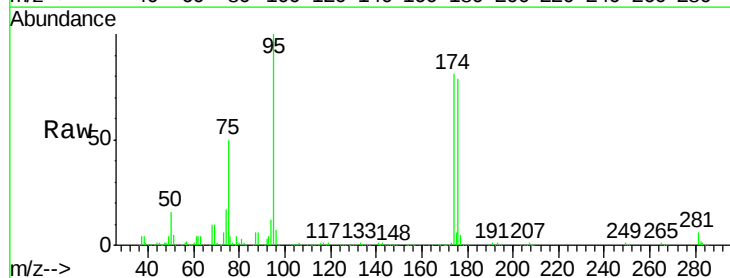
Manual Integrations
 APPROVED

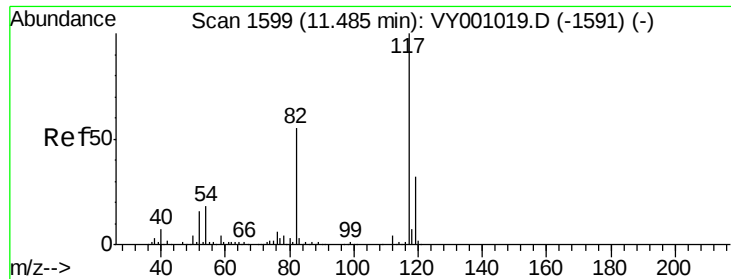
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.518 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	156.4
176	77.5	0.0	155.0





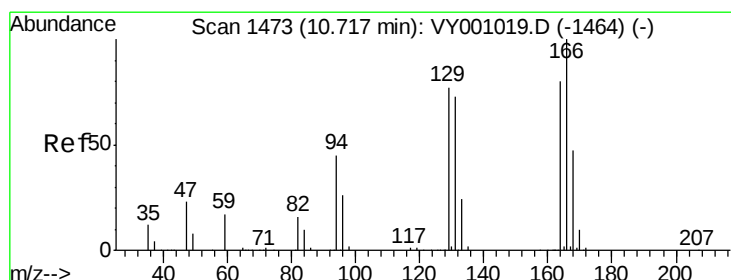
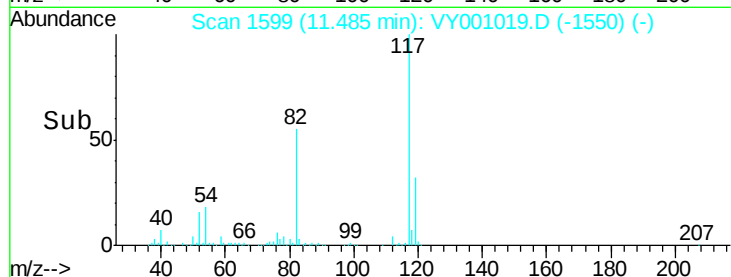
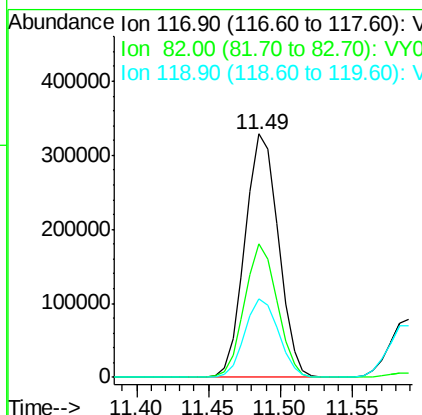
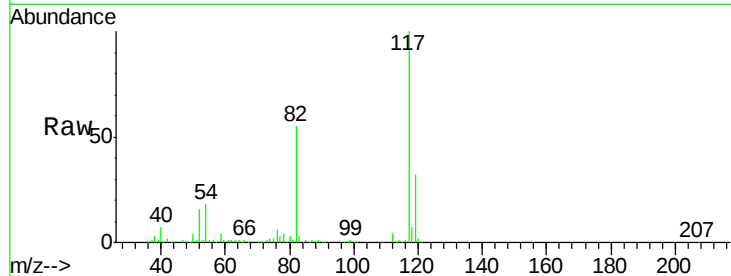
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	529380		
82	54.8		43.8	65.8
119	32.2		25.8	38.6

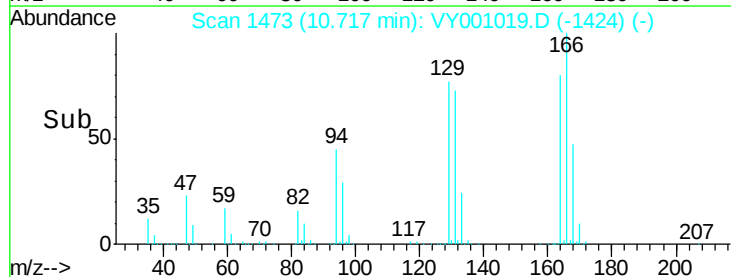
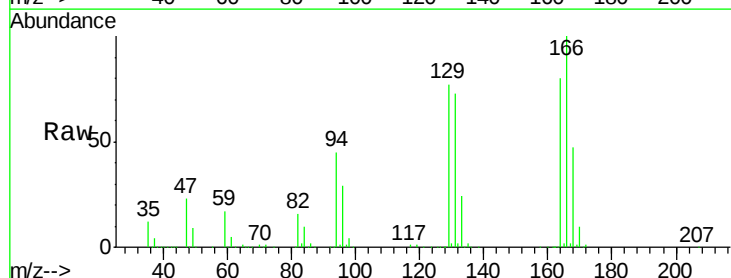
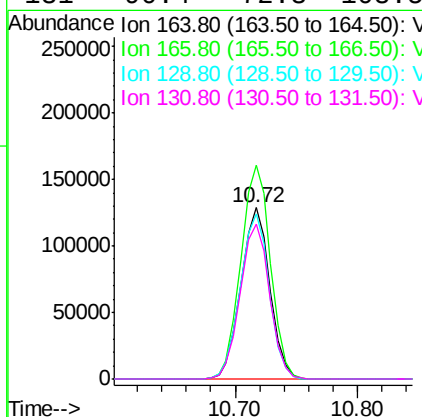
Manual Integrations
APPROVED

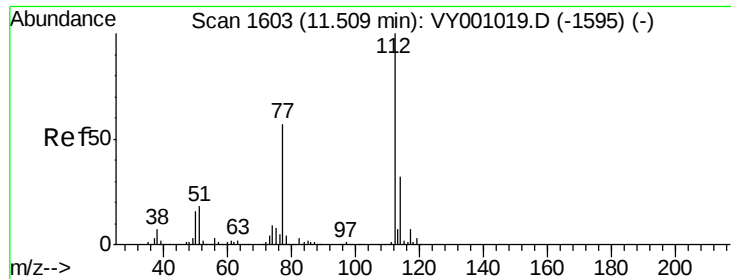
apatel
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#64
Tetrachloroethene
Concen: 45.878 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210854		
166	124.6		99.7	149.5
129	96.1		76.9	115.3
131	90.4		72.3	108.5





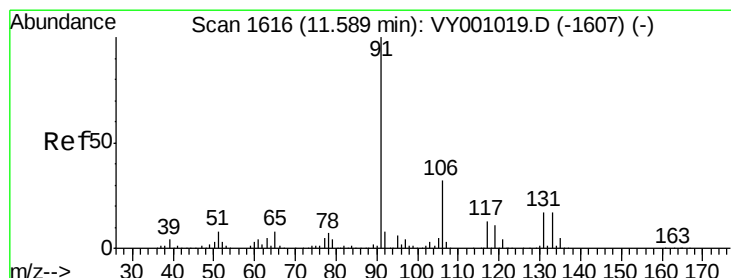
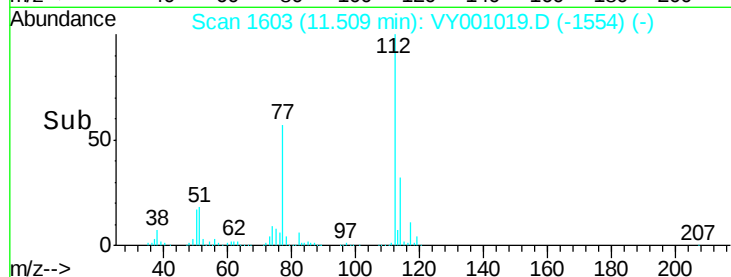
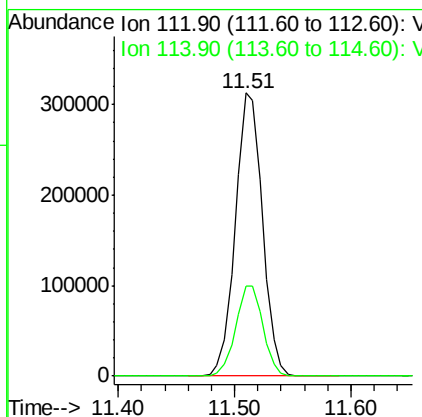
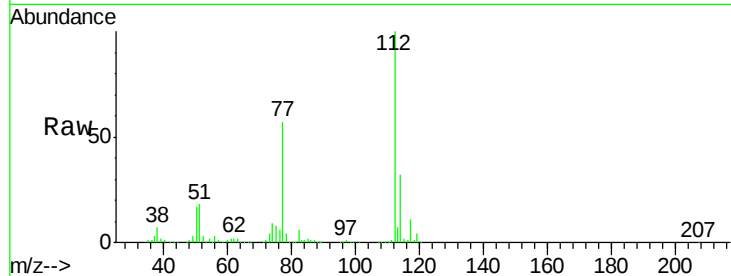
#65
Chlorobenzene
Concen: 45.809 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 507535
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

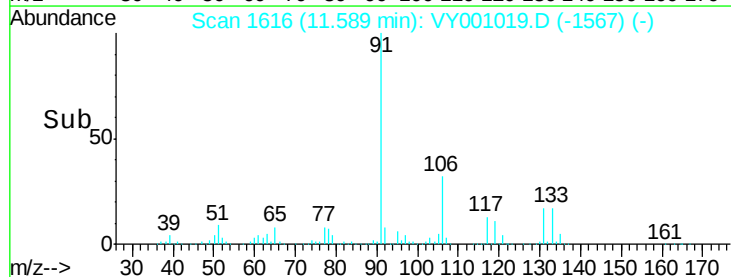
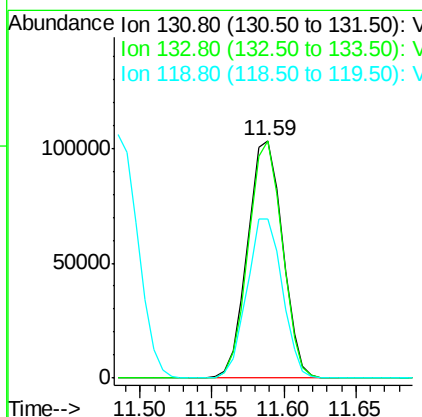
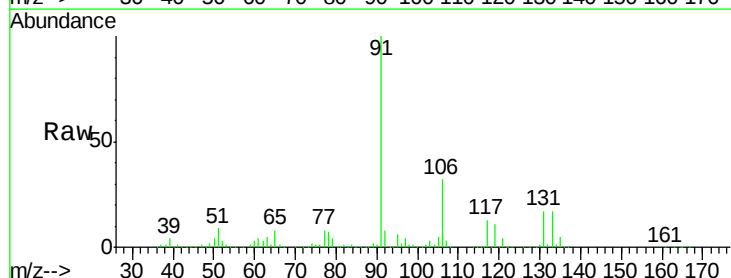
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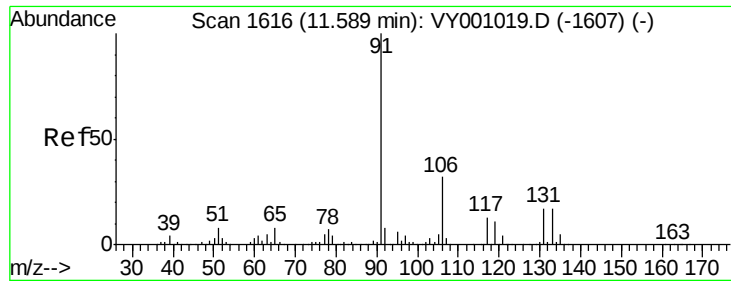
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.400 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion:131 Resp: 173616
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 67.9 34.0 101.8





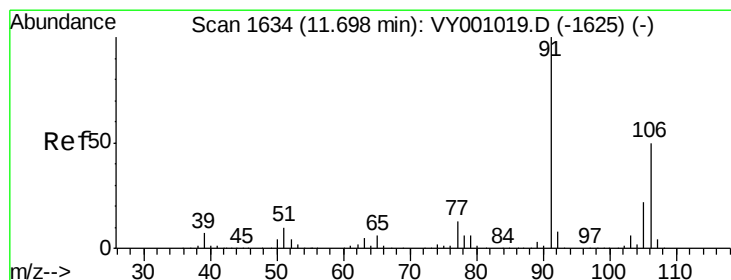
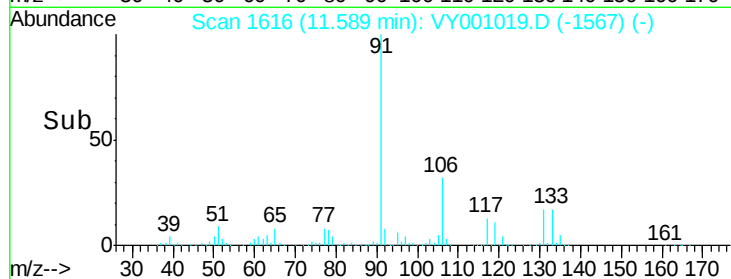
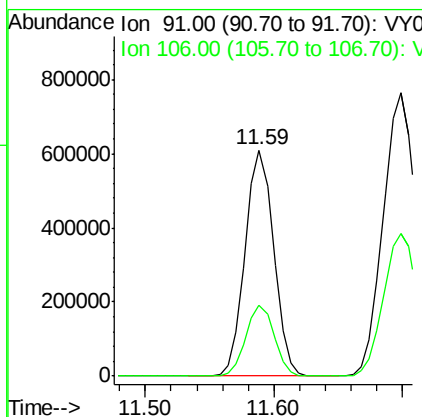
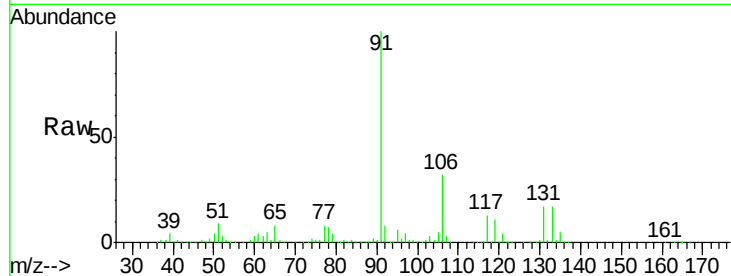
#67
Ethyl Benzene
Concen: 46.300 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 931567
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

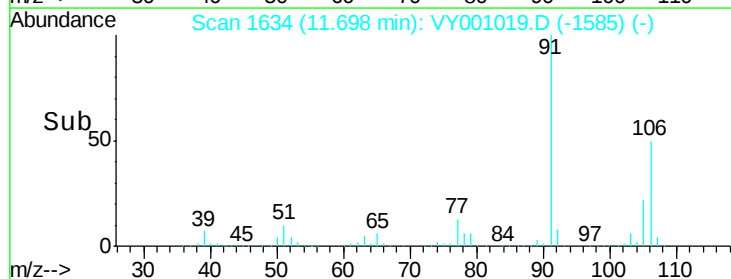
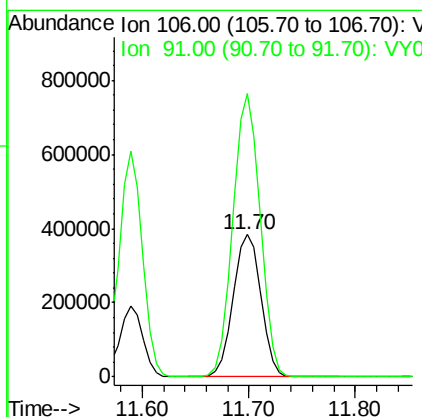
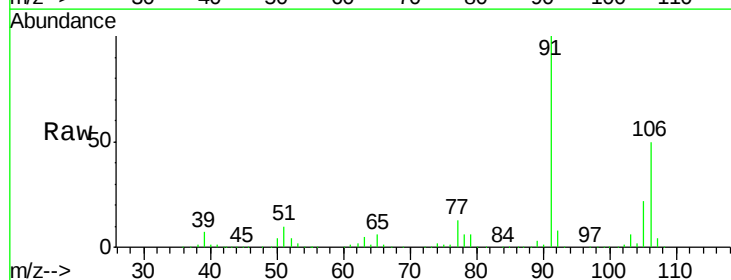
Manual Integrations
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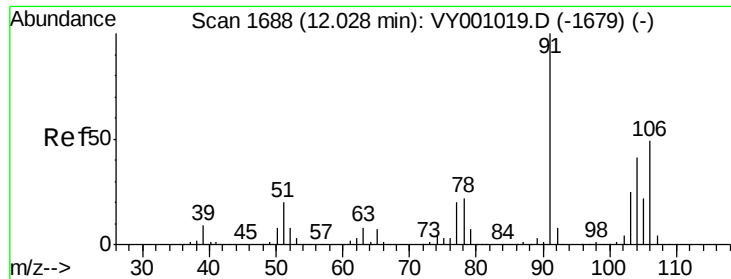
apatel
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#68
m/p-Xylenes
Concen: 92.568 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion: 106 Resp: 702969
Ion Ratio Lower Upper
106 100
91 195.5 156.4 234.6





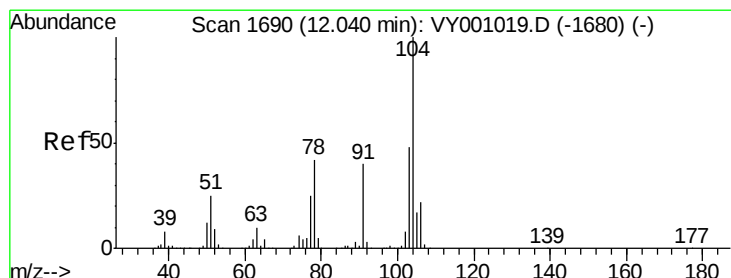
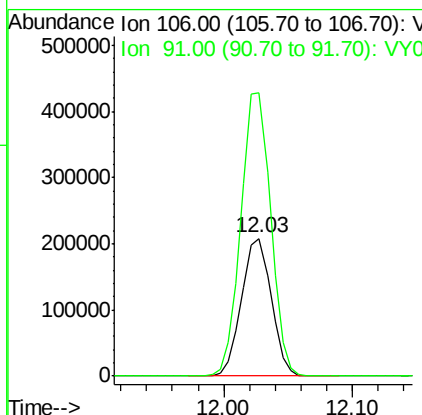
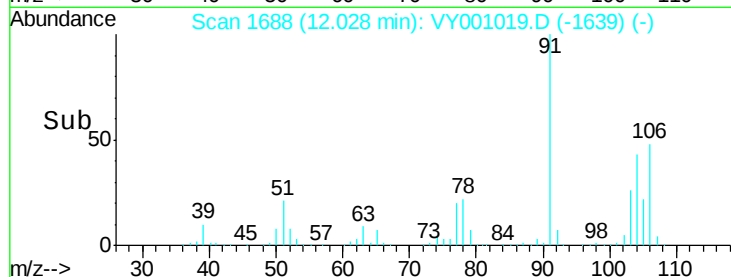
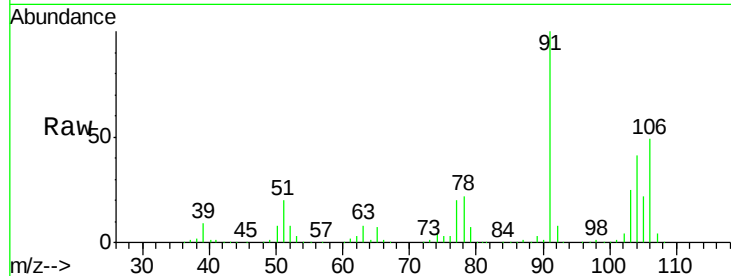
#69
o-Xylene
Concen: 46.452 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 332626
Ion Ratio Lower Upper
106 100
91 206.0 103.0 309.0

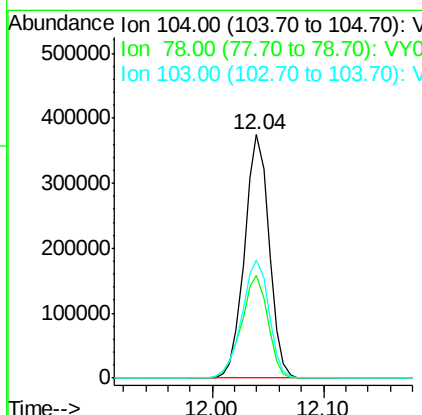
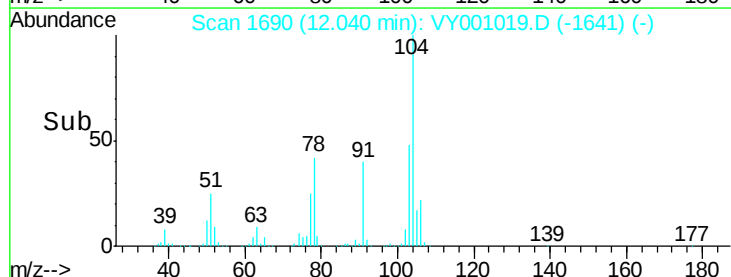
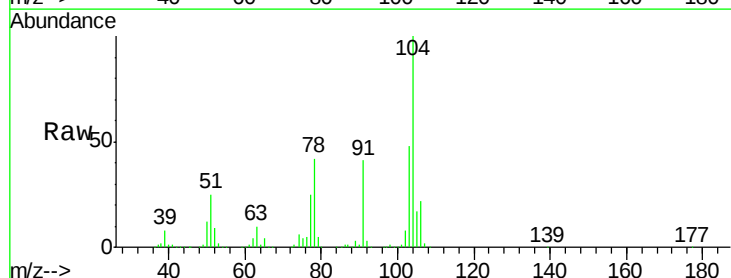
Manual Integrations
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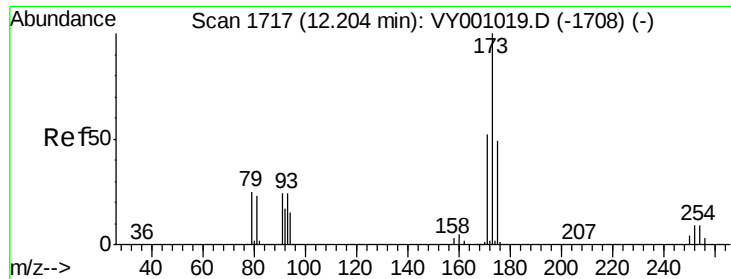
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#70
Styrene
Concen: 47.155 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion:104 Resp: 573836
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 53.3 42.6 64.0





#71

Bromoform

Concen: 48.579 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

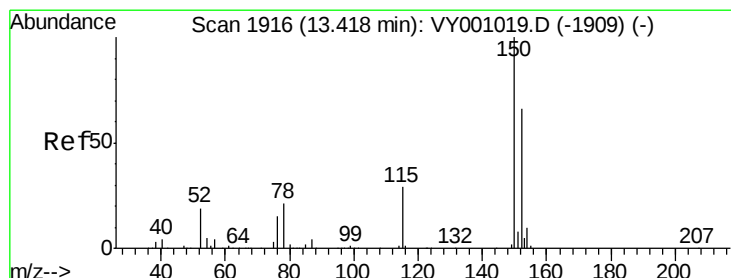
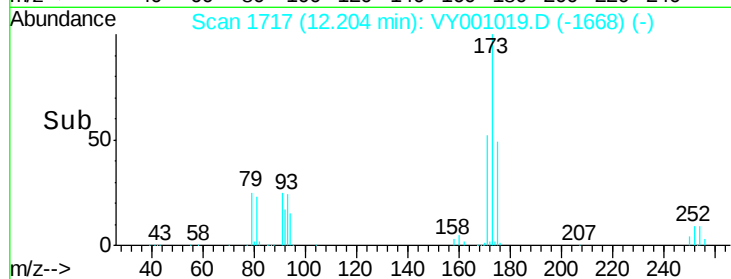
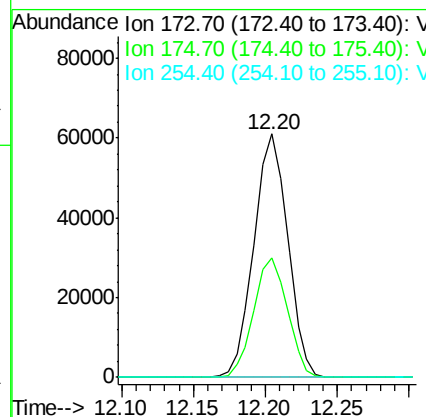
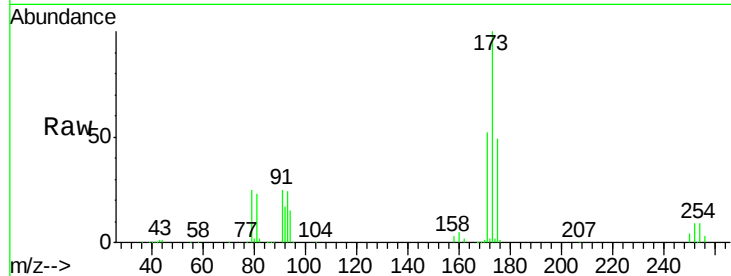
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

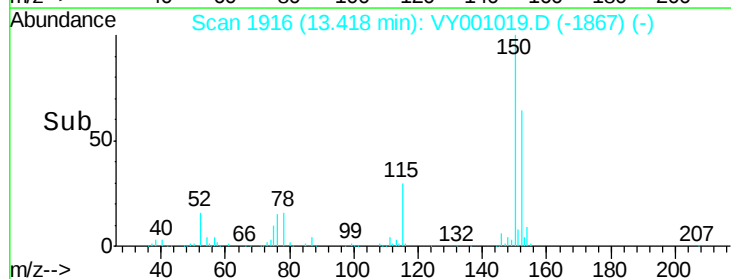
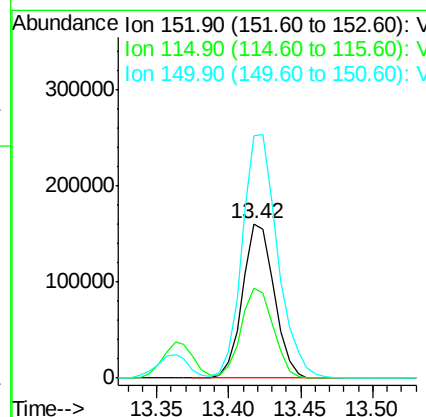
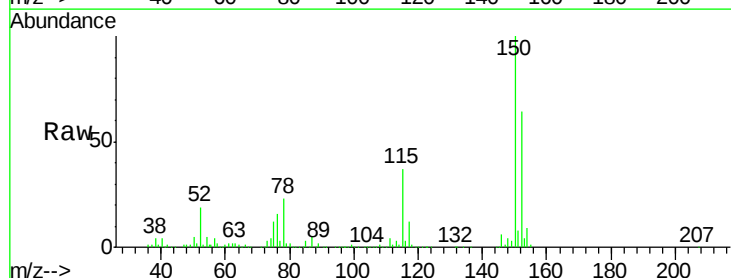
RT: 13.42 min Scan# 1916

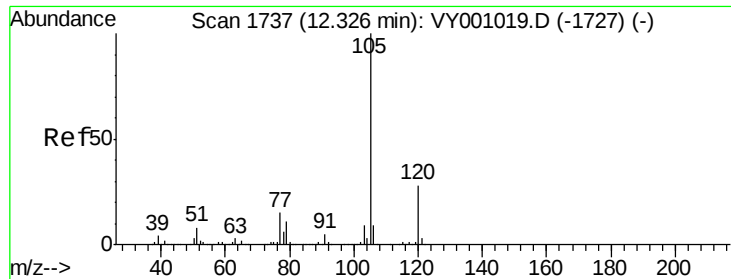
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.8	89.3
150	176.3	0.0	352.6





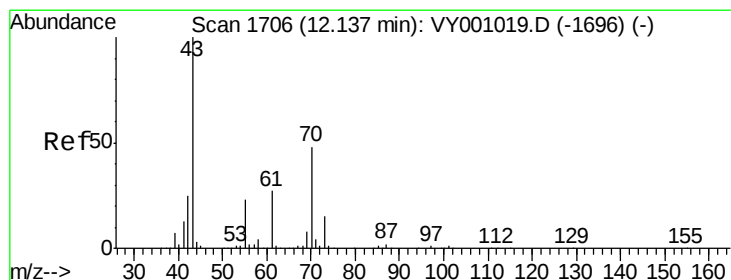
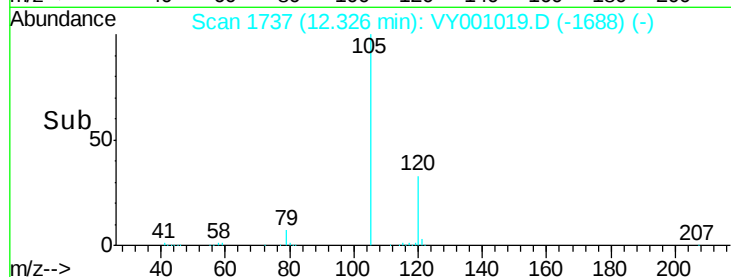
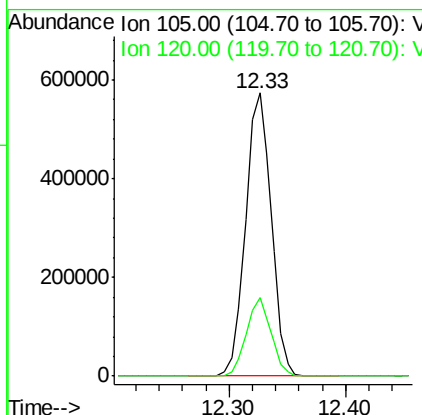
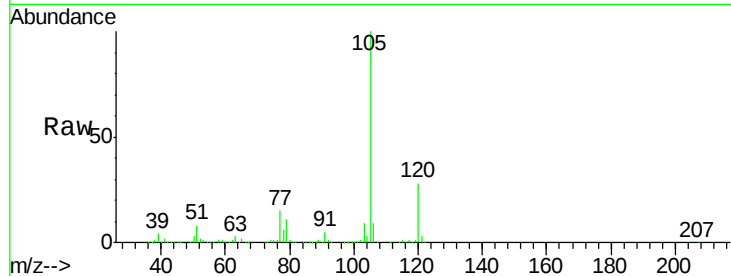
#73
Isopropylbenzene
Concen: 45.590 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

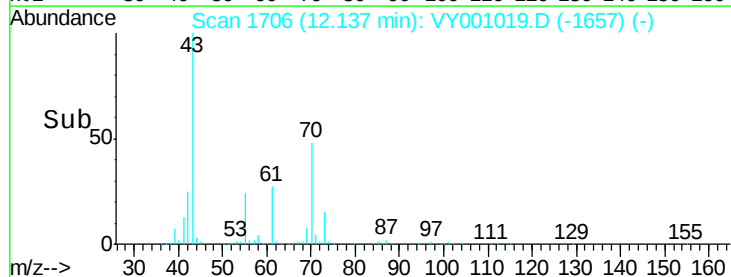
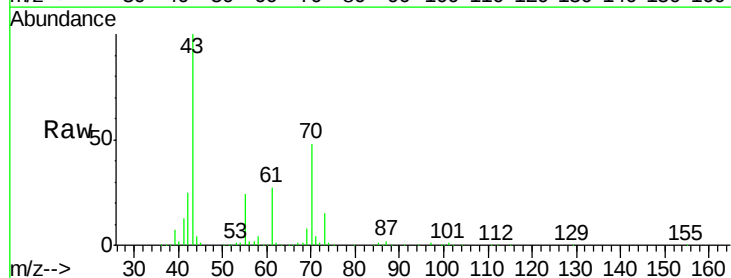
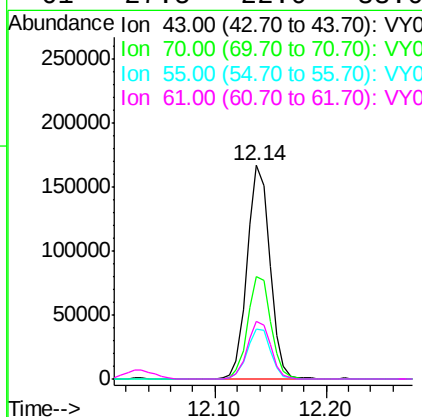
Manual Integrations
APPROVED

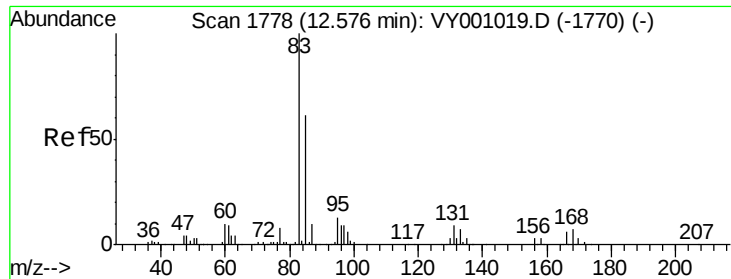
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#74
N-ethyl acetate
Concen: 46.218 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.8	39.0	58.6
55	24.4	19.5	29.3
61	27.5	22.0	33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.126 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

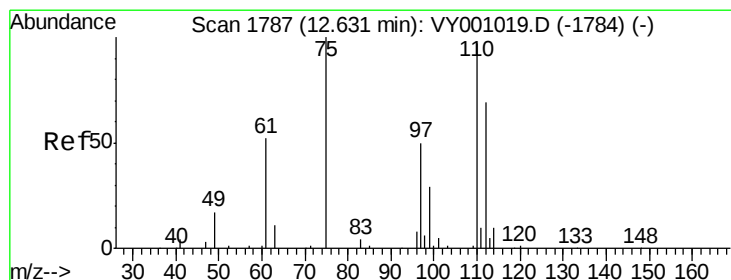
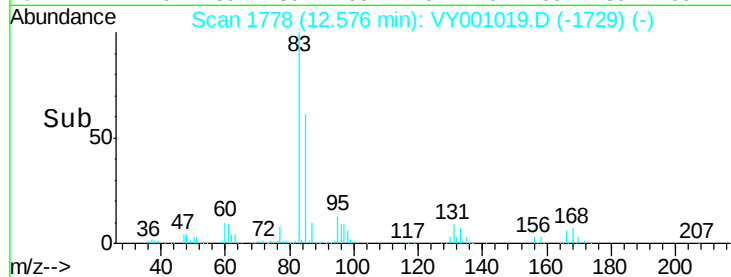
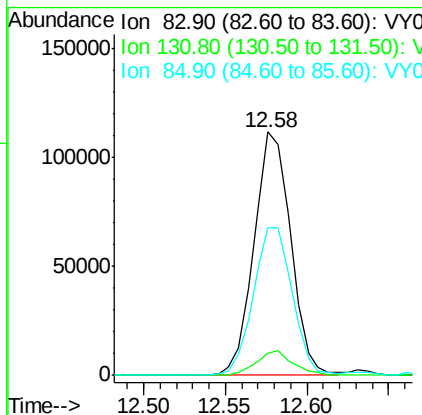
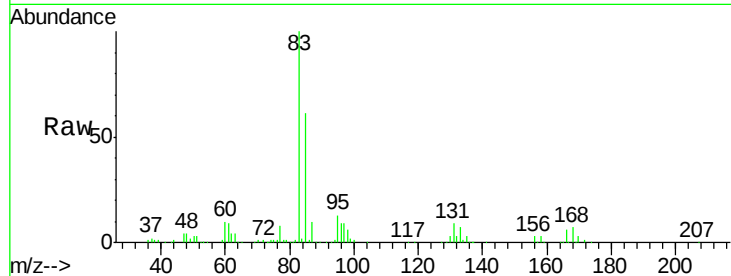
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	174712
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.3	32.1	96.5

Manual Integrations
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12/24/2019 11:05:50 AM



#76

1,2,3-Trichloropropane

Concen: 34.671 ug/l m

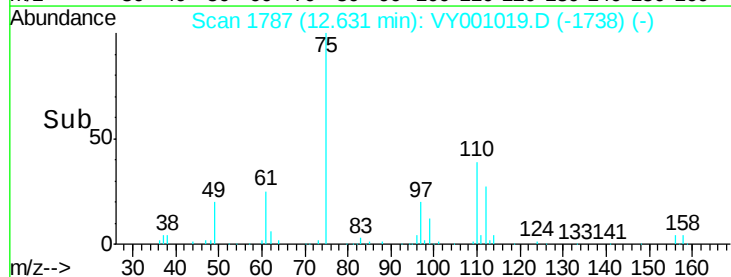
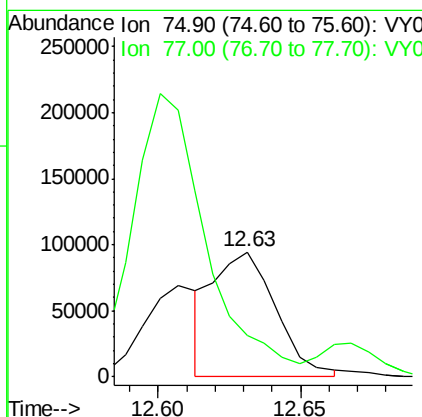
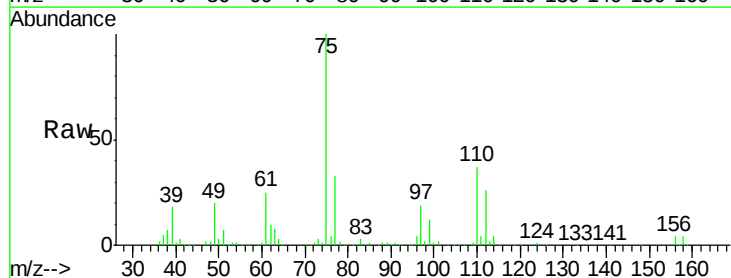
RT: 12.63 min Scan# 1787

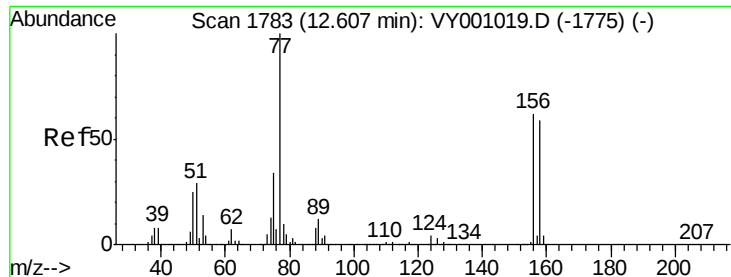
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion:	75	Resp:	143971
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.727 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 196693

Ion Ratio Lower Upper

156 100

77 196.1 98.0 294.1

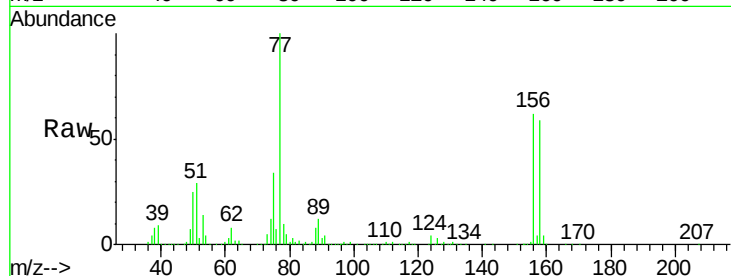
158 97.1 48.5 145.6

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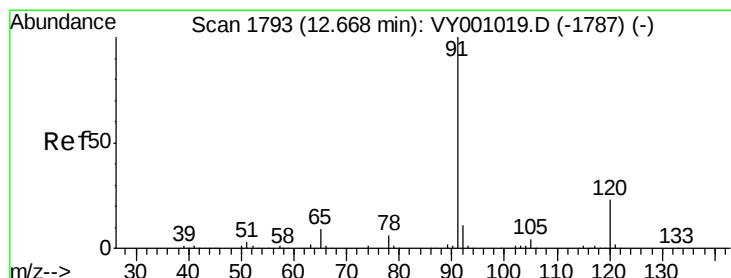
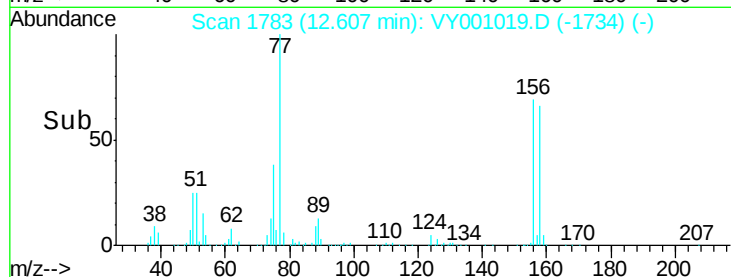
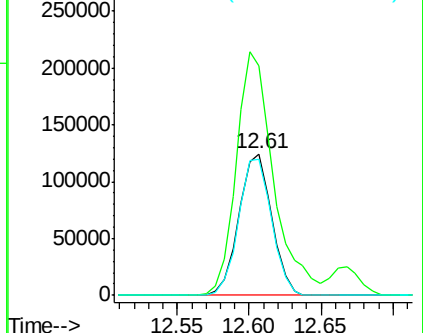
12/24/2019 11:05:50 AM



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: 45.221 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001019.D

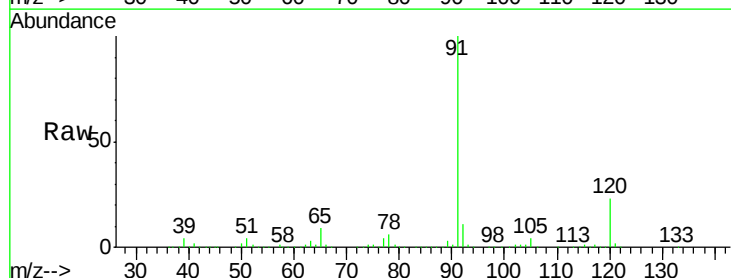
Acq: 23 Dec 2019 11:06

Tgt Ion: 91 Resp: 1064600

Ion Ratio Lower Upper

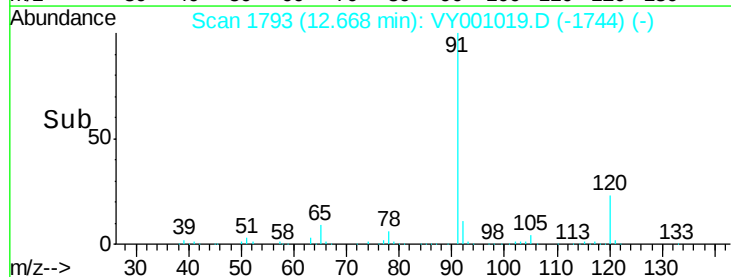
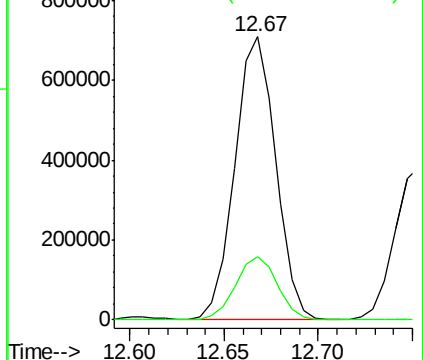
91 100

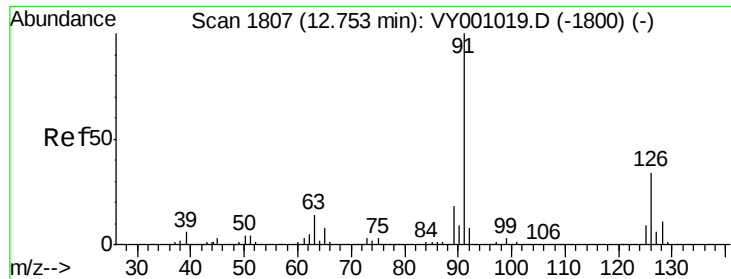
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





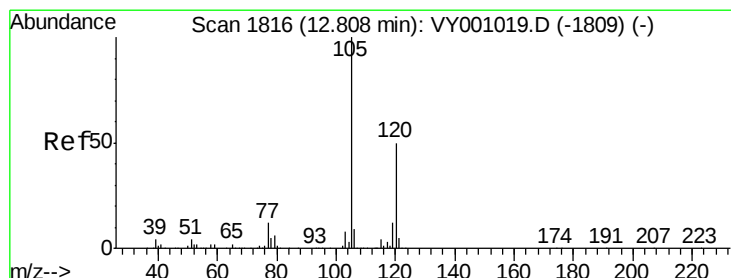
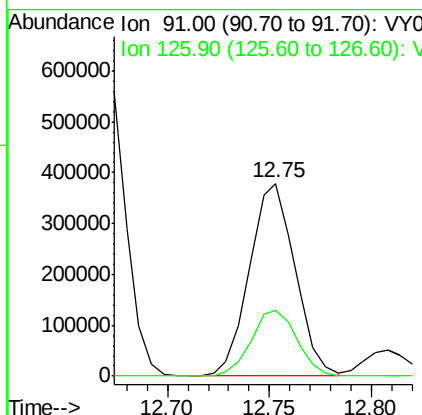
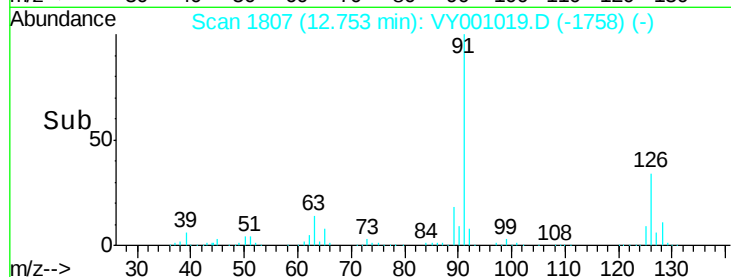
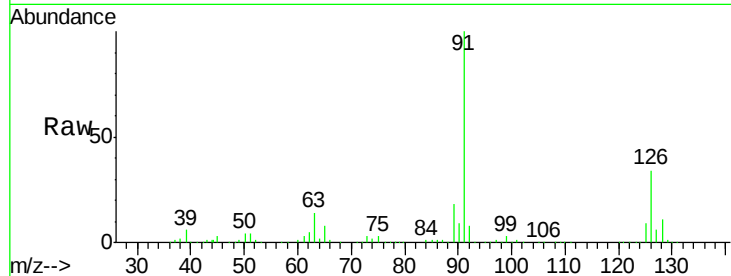
#79
2-Chlorotoluene
Concen: 45.119 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 587882
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

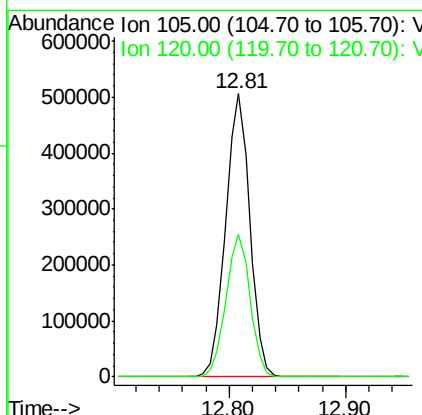
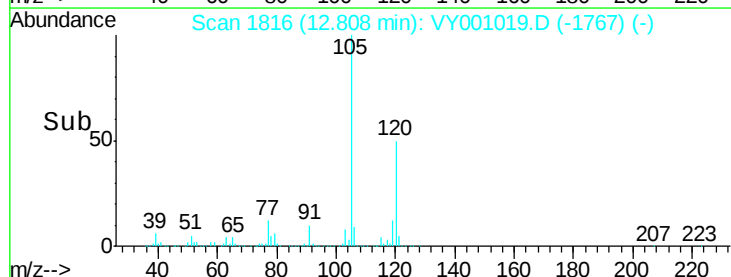
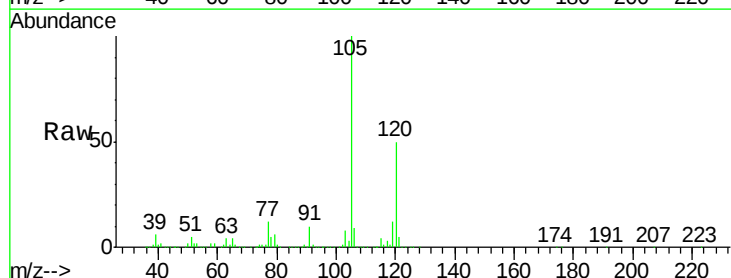
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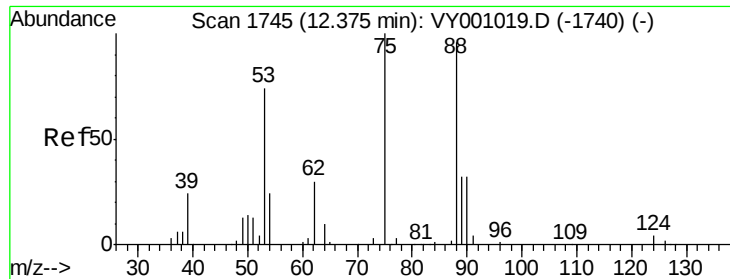
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 45.900 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion: 105 Resp: 727137
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.546 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

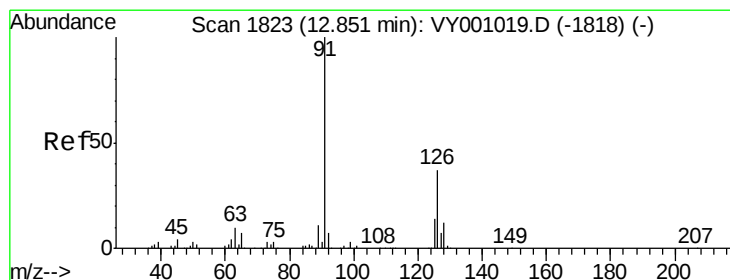
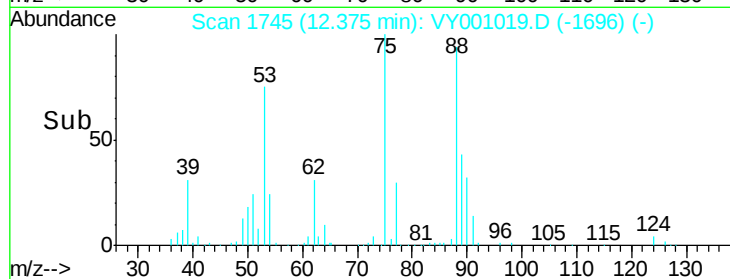
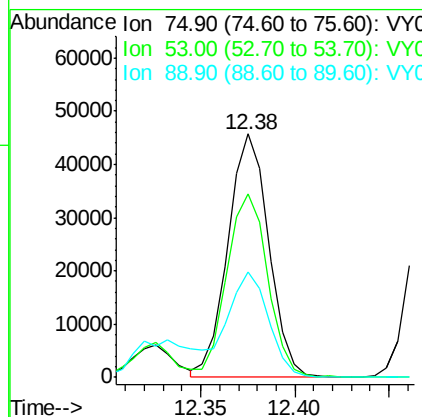
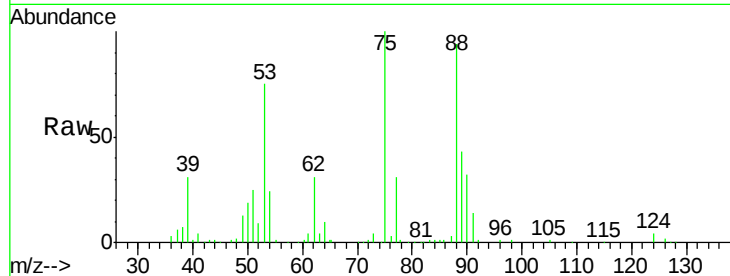
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	67998
Ion Ratio	Lower	Upper	
75	100		
53	75.8	60.6	91.0
89	44.2	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.618 ug/l

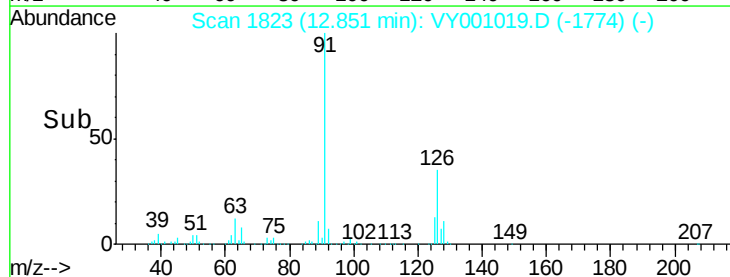
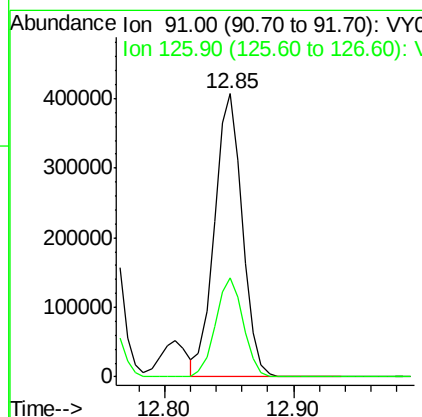
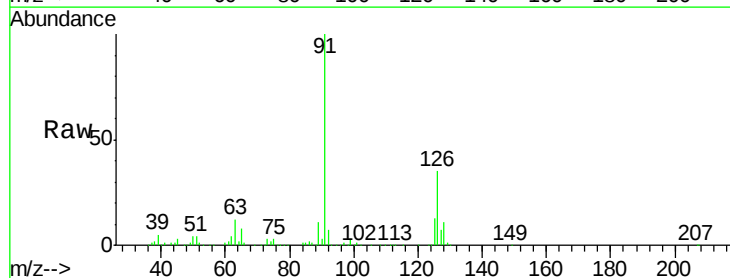
RT: 12.85 min Scan# 1823

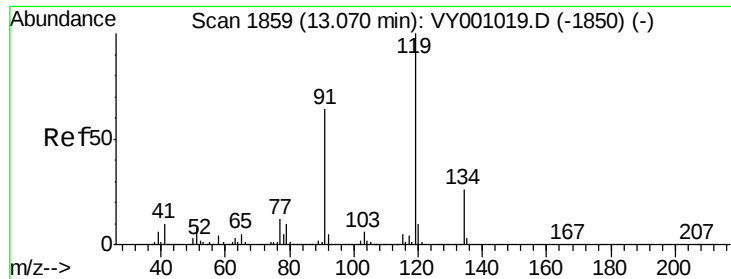
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion:	91	Resp:	614752
Ion Ratio	Lower	Upper	
91	100		
126	35.2	17.6	52.8





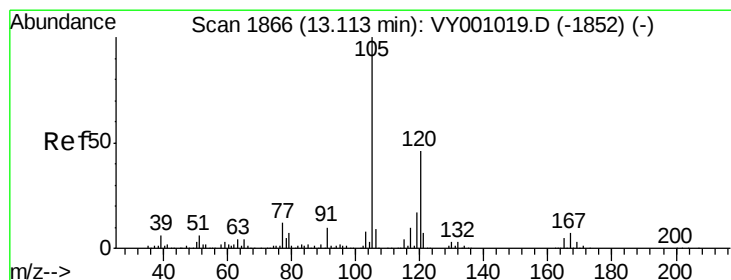
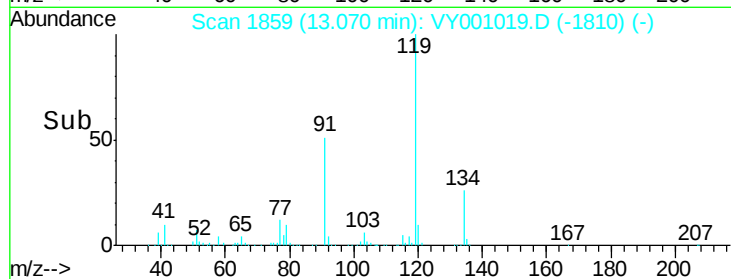
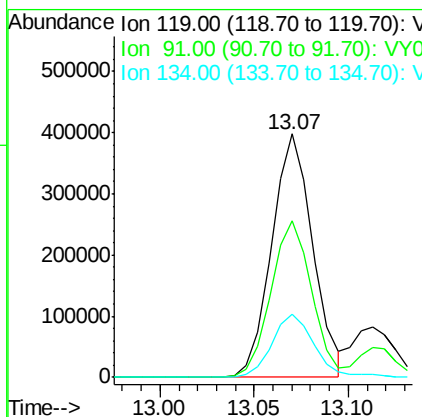
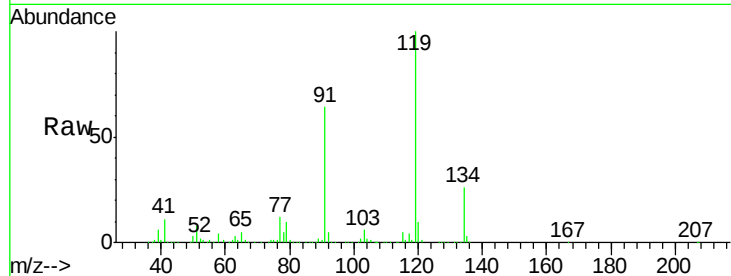
#83
 tert-Butylbenzene
 Concen: 44.820 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	600215		
91	63.8		31.9	95.7
134	27.1		13.6	40.7

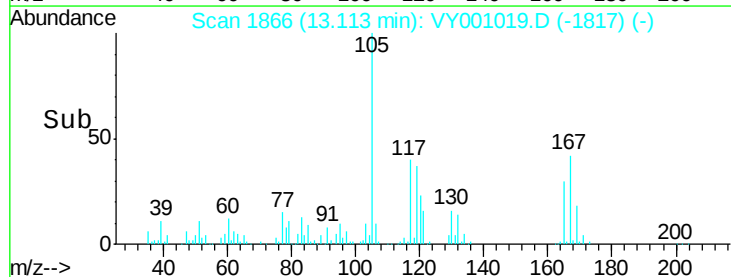
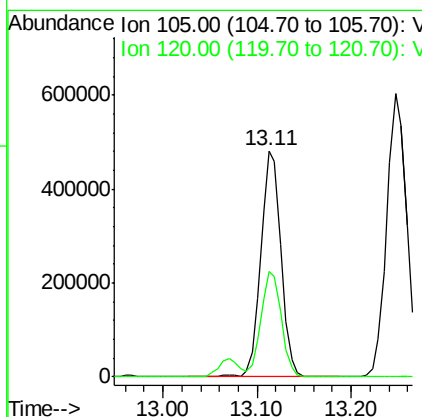
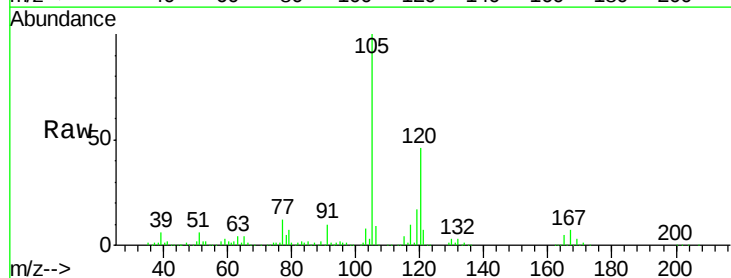
Manual Integrations
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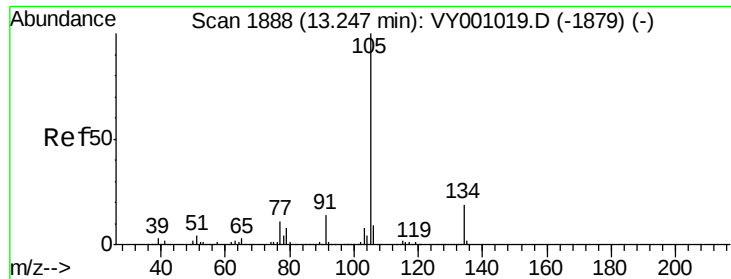
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.851 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	728638		
120	46.8		23.4	70.2





#85

sec-Butylbenzene

Concen: 45.357 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 888870

Ion Ratio Lower Upper

105 100

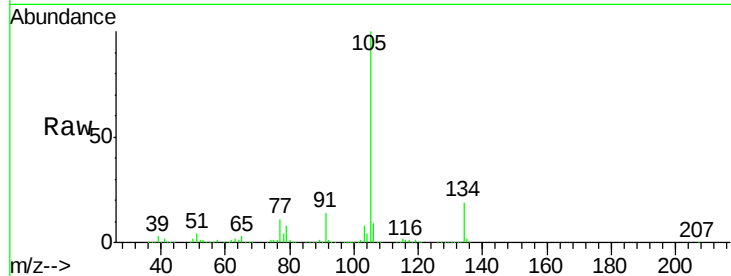
134 20.0 10.0 30.0

Manual Integrations

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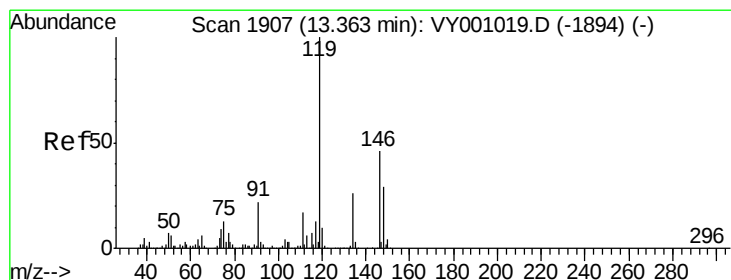
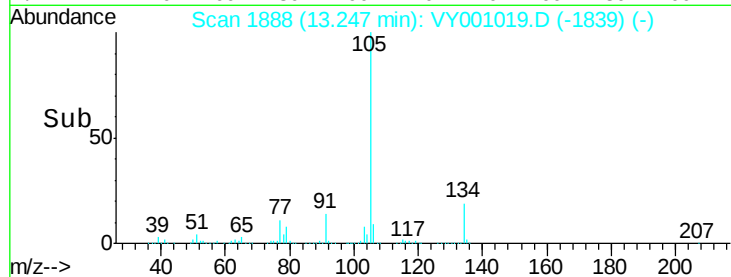
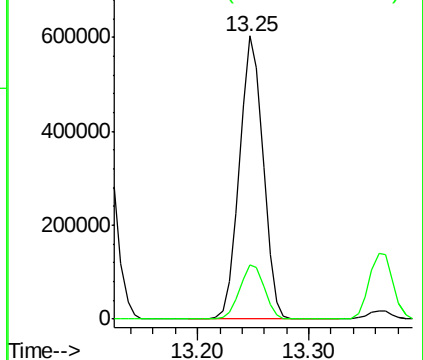
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.973 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

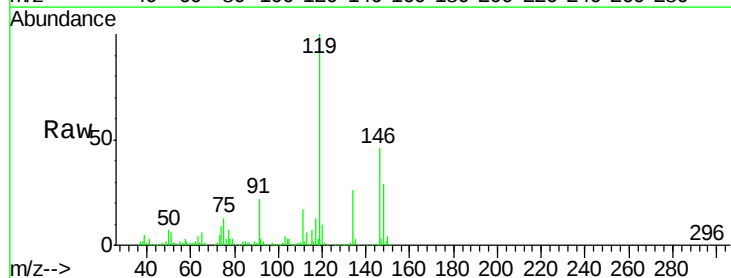
Tgt Ion:119 Resp: 780881

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

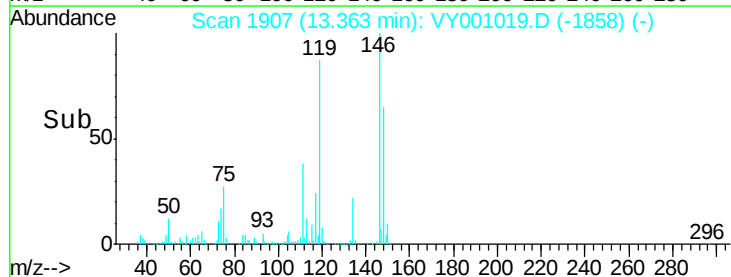
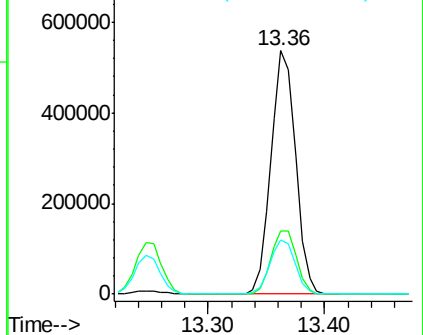
91 22.7 11.4 34.1

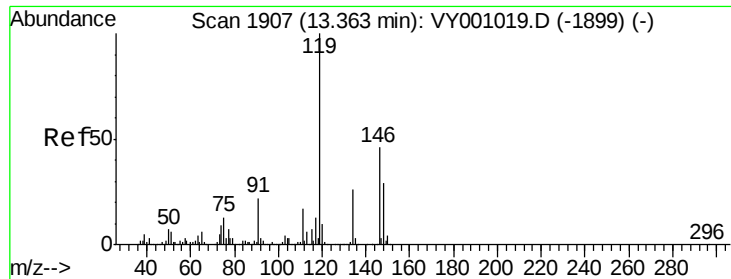


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 46.034 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

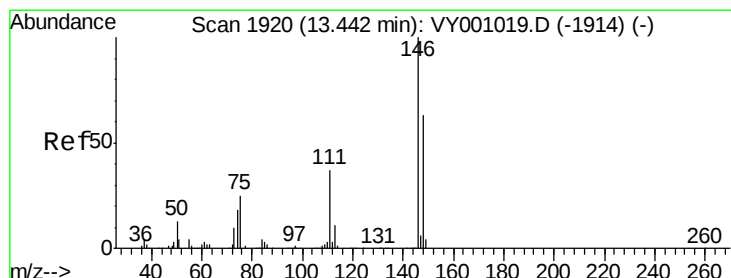
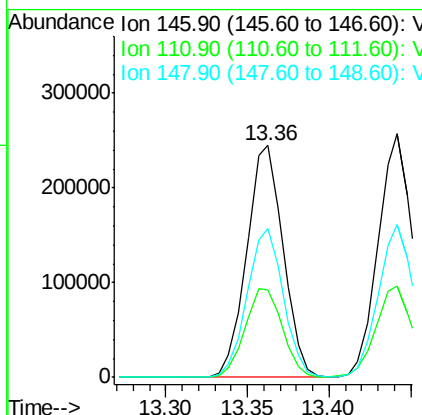
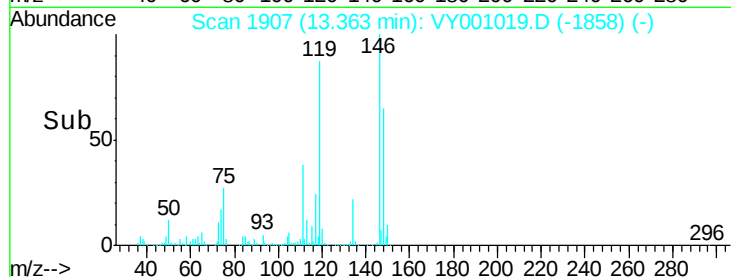
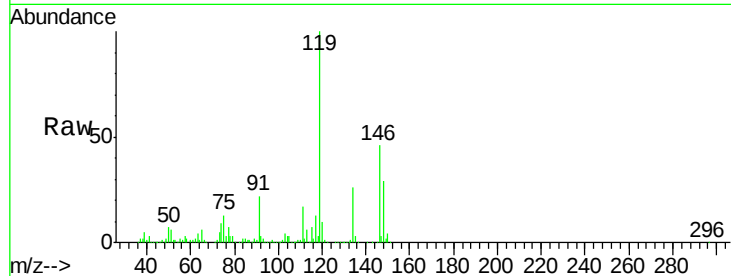
Instrument :
MSVOA_Y

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.3	19.7	59.0	
148	63.7	31.9	95.5	

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#88

1,4-Dichlorobenzene

Concen: 45.990 ug/l

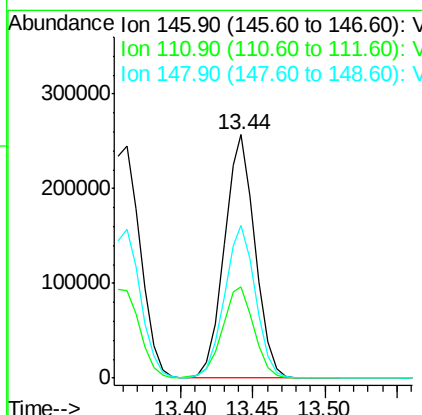
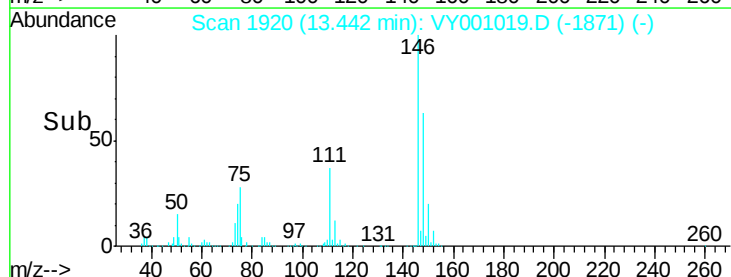
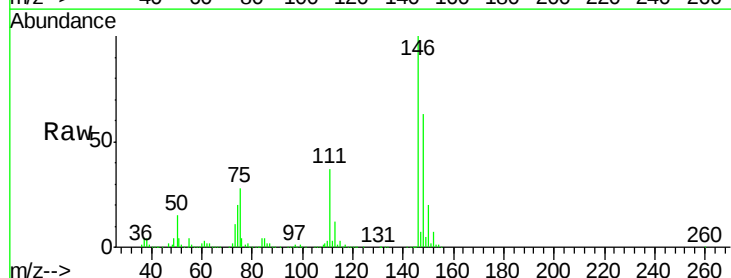
RT: 13.44 min Scan# 1920

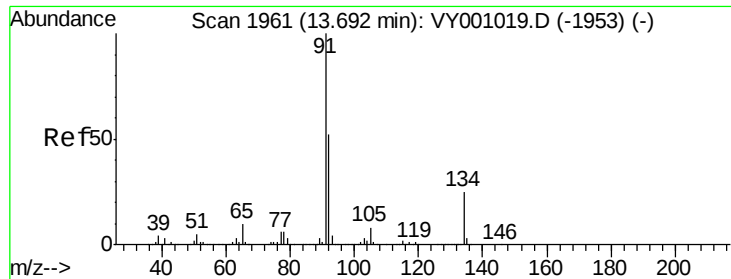
Delta R.T. 0.00 min

Lab File: VY001019.D

Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.8	19.4	58.2	
148	63.5	31.8	95.3	





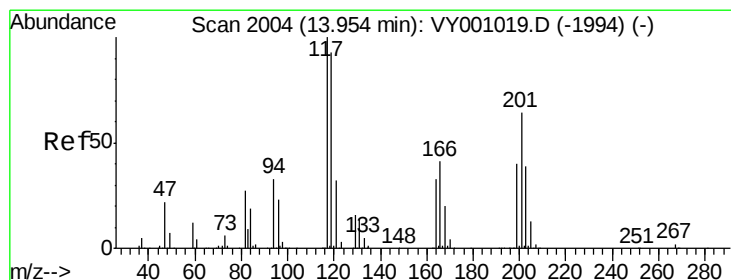
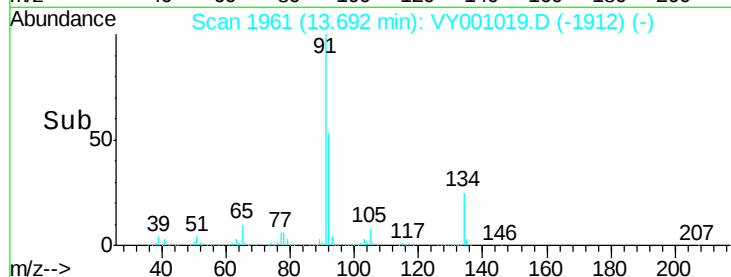
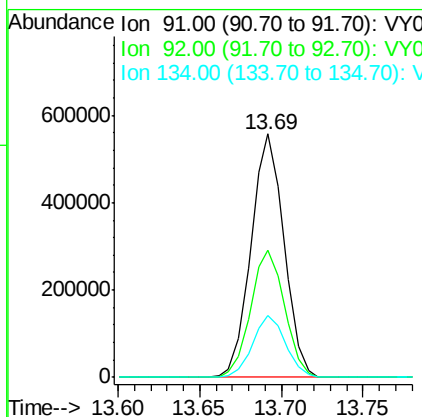
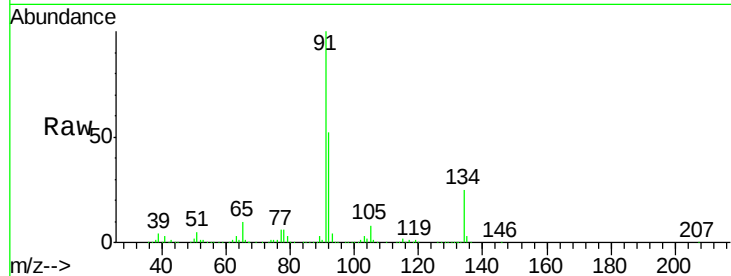
#89
n-Butylbenzene
Concen: 45.708 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	25.3	12.7	38.0

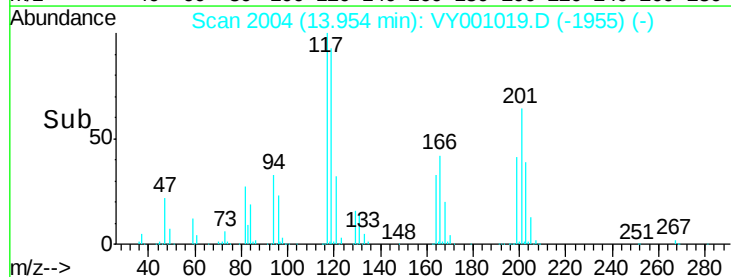
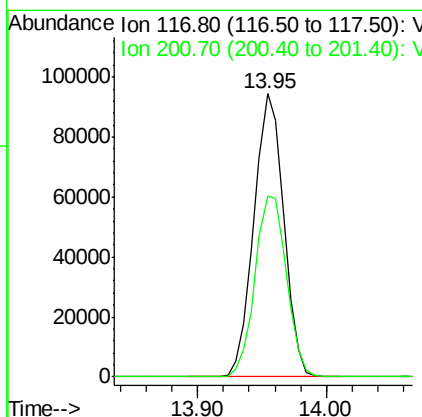
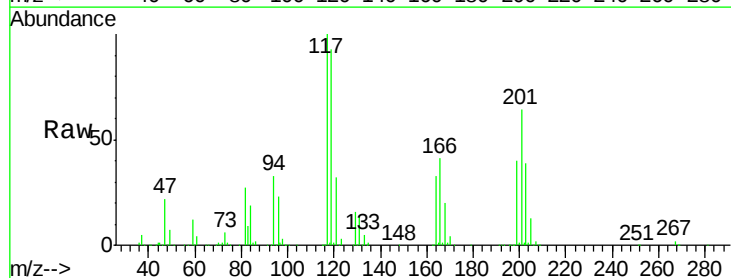
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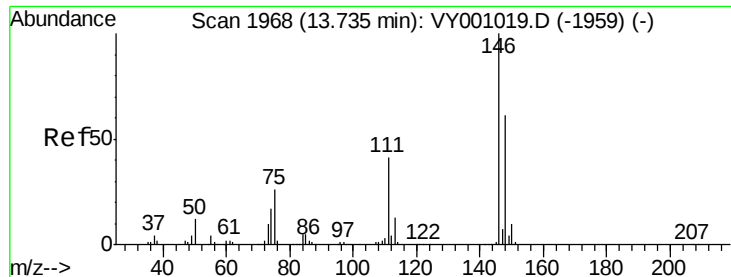
apatel
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#90
Hexachloroethane
Concen: 47.269 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.4	33.7	101.1





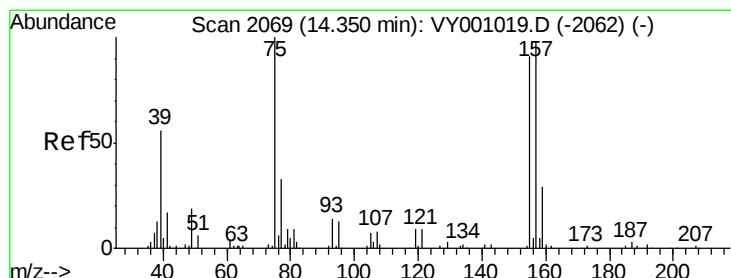
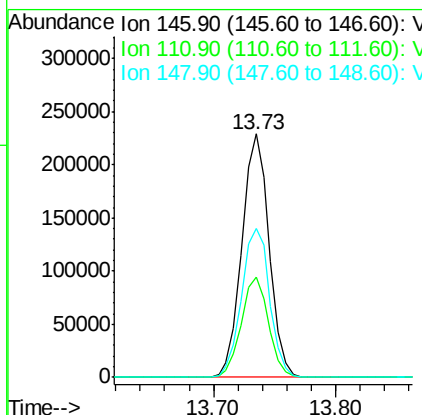
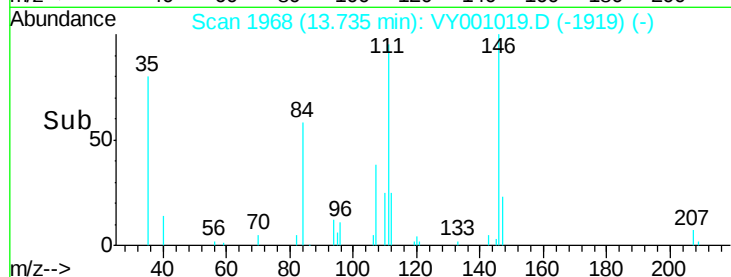
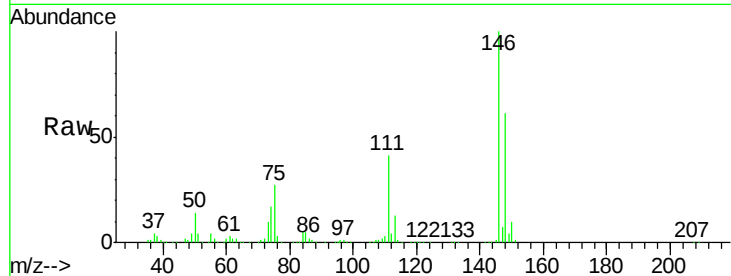
#91
 1,2-Dichlorobenzene
 Concen: 46.400 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	63.1	31.6	94.7

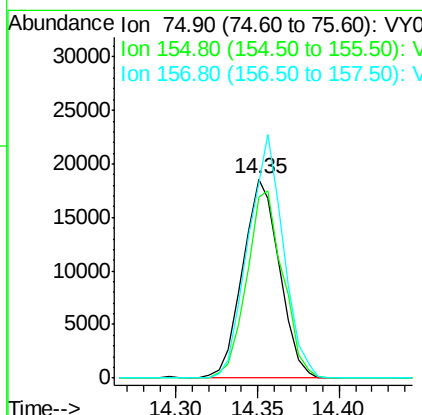
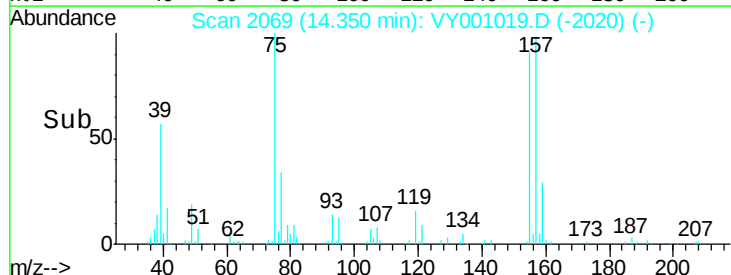
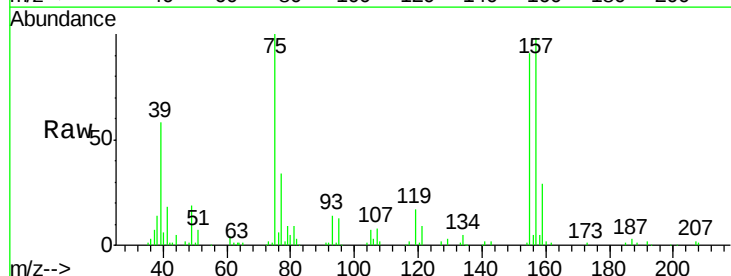
Manual Integrations
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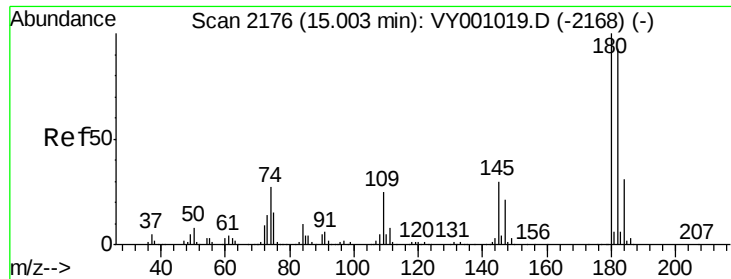
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.028 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	46.3	138.9
157	116.3	58.1	174.4





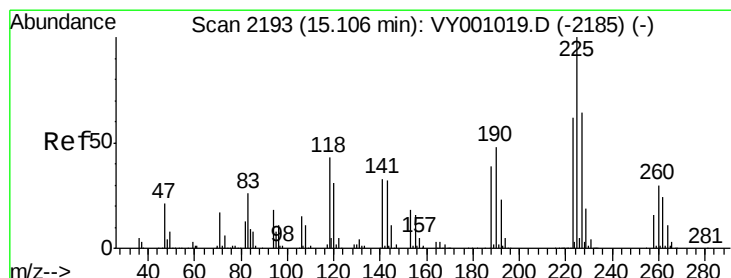
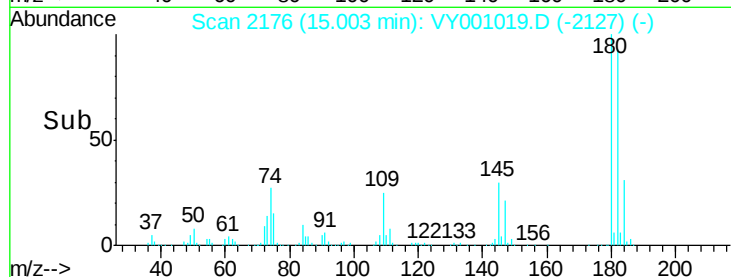
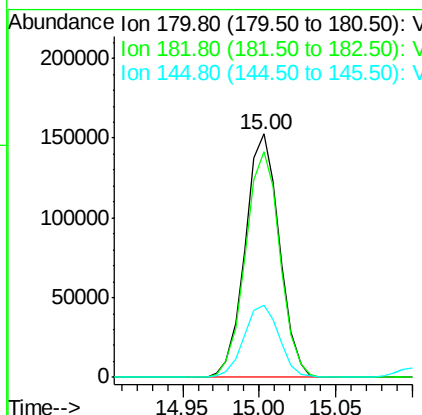
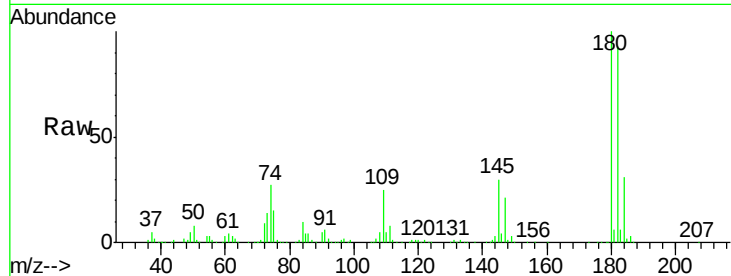
#93
 1,2,4-Trichlorobenzene
 Concen: 46.363 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.8	140.3
145	30.6	15.3	45.9

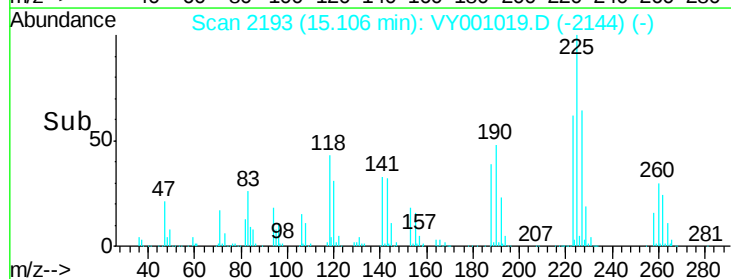
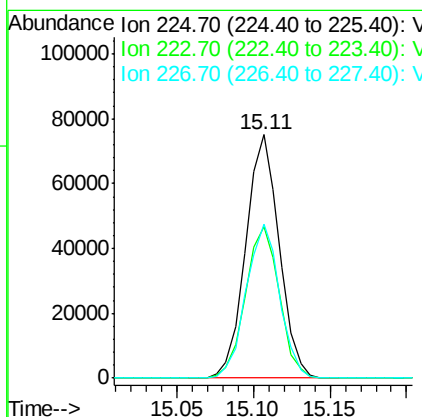
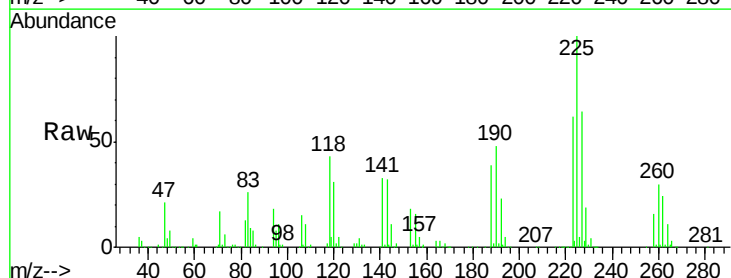
Manual Integrations
 APPROVED

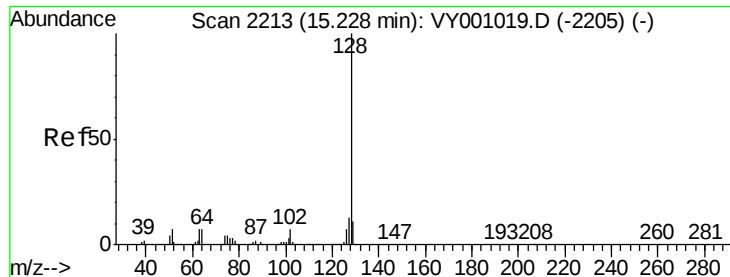
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#94
 Hexachlorobutadiene
 Concen: 46.529 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001019.D
 Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	63.7	31.9	95.5





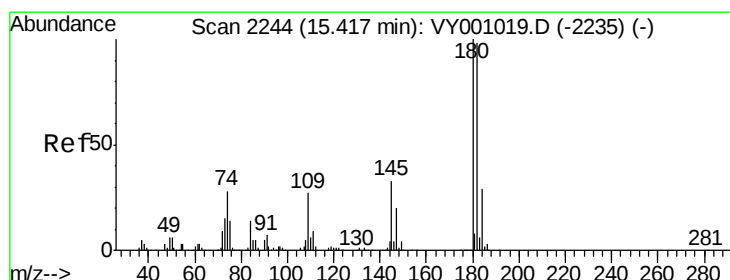
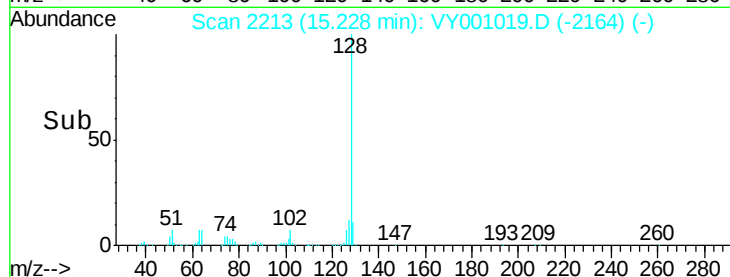
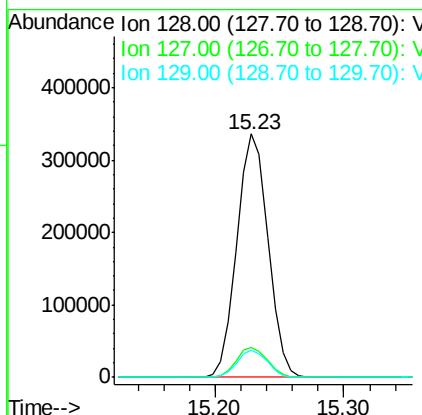
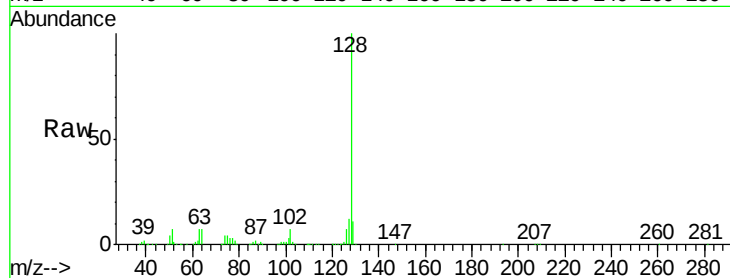
#95
Naphthalene
Concen: 46.891 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.712 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001019.D
Acq: 23 Dec 2019 11:06

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	47.9	143.8
145	32.6	16.3	48.9

