

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001024.D
 Acq On : 23 Dec 2019 13:39
 Operator : SY/MD
 Sample : VY1223SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:06:15 AM

Quant Time: Dec 24 04:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	617374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	166732	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.72	113	171457	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.18	98	722567	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.48	95	238515	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	66268	21.285	ug/l	98
3) Chloromethane	2.12	50	88075	20.786	ug/l	98
4) Vinyl Chloride	2.25	62	86765	21.085	ug/l	99
5) Bromomethane	2.64	94	55073	20.286	ug/l	96
6) Chloroethane	2.79	64	52393	20.443	ug/l	94
7) Trichlorofluoromethane	3.13	101	119903	19.866	ug/l	96
8) Diethyl Ether	3.54	74	44714	18.149	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	77362	19.513	ug/l	97
10) Methyl Iodide	4.09	142	103480	18.891	ug/l	98
11) Tert butyl alcohol	4.96	59	28104	72.535	ug/l	98
12) 1,1-Dichloroethene	3.88	96	78629	19.589	ug/l	99
13) Acrolein	3.73	56	36136	75.272	ug/l	97
14) Allyl chloride	4.49	41	122654	19.671	ug/l	98
15) Acrylonitrile	5.17	53	107427	87.247	ug/l	98
16) Acetone	3.96	43	71008	87.470	ug/l	94
17) Carbon Disulfide	4.20	76	256659	19.568	ug/l	98
18) Methyl Acetate	4.48	43	51454	16.521	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	184680	17.827	ug/l	94
20) Methylene Chloride	4.72	84	97751	20.457	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	90604	20.368	ug/l	99
22) Diisopropyl ether	6.13	45	245386	19.470	ug/l	97
23) Vinyl Acetate	6.07	43	730486	91.774	ug/l	99
24) 1,1-Dichloroethane	6.03	63	145104	19.482	ug/l	97
25) 2-Butanone	7.00	43	118291	82.946	ug/l	97
26) 2,2-Dichloropropane	6.99	77	118418	19.352	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	96076	19.659	ug/l	99
28) Bromochloromethane	7.34	49	50285	17.303	ug/l	100
29) Tetrahydrofuran	7.35	42	81761	80.598	ug/l	98
30) Chloroform	7.52	83	139360	19.788	ug/l	100
31) Cyclohexane	7.78	56	153400	19.587	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	118860	19.784	ug/l	100
36) 1,1-Dichloropropene	7.92	75	119513	20.292	ug/l	99
37) Ethyl Acetate	7.08	43	52098	15.975	ug/l	97
38) Carbon Tetrachloride	7.91	117	102753	19.912	ug/l	98

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Quant Time: Dec 24 04:51:17 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	161625	20.665	ug/l	98
40) Benzene	8.16	78	352343	19.830	ug/l	99
41) Methacrylonitrile	7.32	41	28008m	19.809	ug/l	
42) 1,2-Dichloroethane	8.24	62	83300	19.609	ug/l	99
43) Isopropyl Acetate	8.28	43	102767	17.023	ug/l	98
44) Trichloroethene	8.94	130	93200	19.908	ug/l	96
45) 1,2-Dichloropropane	9.22	63	86467	19.398	ug/l	97
46) Dibromomethane	9.31	93	43582	18.967	ug/l	98
47) Bromodichloromethane	9.50	83	102731	19.301	ug/l	99
48) Methyl methacrylate	9.30	41	43854	17.023	ug/l	99
49) 1,4-Dioxane	9.30	88	10279	305.806	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	261177	83.004	ug/l	100
52) Toluene	10.24	92	214634	19.626	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	106810	18.491	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	135114	19.452	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	63987	18.653	ug/l	100
56) Ethyl methacrylate	10.51	69	85272	17.466	ug/l	98
57) 1,3-Dichloropropane	10.79	76	109816	18.264	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	163703	86.814	ug/l	98
59) 2-Hexanone	10.83	43	177064	81.325	ug/l	99
60) Dibromochloromethane	10.99	129	67868	18.522	ug/l	99
61) 1,2-Dibromoethane	11.08	107	59766	18.220	ug/l	96
64) Tetrachloroethene	10.72	164	95718	20.593	ug/l	98
65) Chlorobenzene	11.52	112	223841	20.087	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73299	19.933	ug/l	99
67) Ethyl Benzene	11.59	91	409621	20.437	ug/l	100
68) m/p-Xylenes	11.70	106	310956	40.860	ug/l	99
69) o-Xylene	12.03	106	147378	20.585	ug/l	100
70) Styrene	12.04	104	244741	20.104	ug/l	99
71) Bromoform	12.20	173	38033	18.575	ug/l #	97
73) Isopropylbenzene	12.33	105	394184	20.688	ug/l	100
74) N-amyl acetate	12.14	43	89477	17.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66529	17.724	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	44216m	14.566	ug/l	
77) Bromobenzene	12.61	156	83457	19.475	ug/l	99
78) n-propylbenzene	12.67	91	473845	20.409	ug/l	99
79) 2-Chlorotoluene	12.75	91	260826	20.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	323075	20.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25019	17.579	ug/l	98
82) 4-Chlorotoluene	12.85	91	269432	20.231	ug/l	100
83) tert-Butylbenzene	13.07	119	270987	20.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	323489	20.611	ug/l	100
85) sec-Butylbenzene	13.25	105	405246	20.967	ug/l	99
86) p-Isopropyltoluene	13.36	119	352718	21.090	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	167859	20.395	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	167565	20.182	ug/l	98
89) n-Butylbenzene	13.69	91	360217	21.408	ug/l	99
90) Hexachloroethane	13.96	117	64691	20.531	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	152231	20.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10490	16.703	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106586	20.799	ug/l	100
94) Hexachlorobutadiene	15.11	225	53081	21.767	ug/l	99
95) Naphthalene	15.23	128	225366	18.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89110	19.499	ug/l	98

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

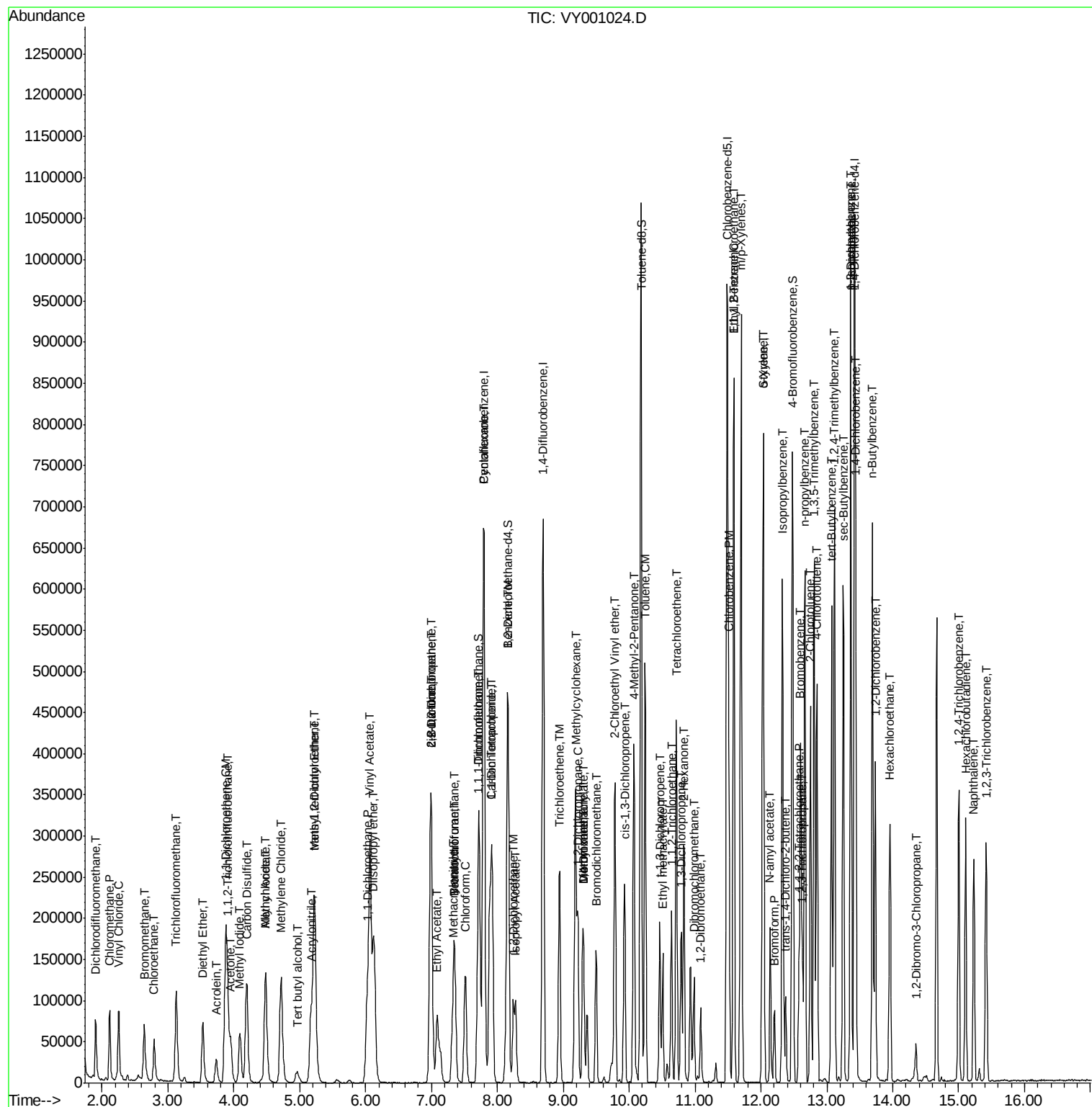
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 Acq On : 23 Dec 2019 13:39
 Operator : SY/MD
 Sample : VY1223SBS01
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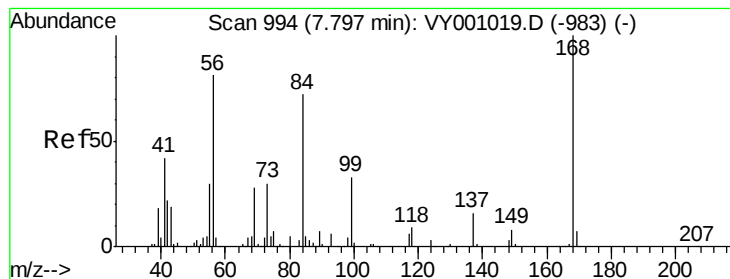
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion:168 Resp: 357286

Ion Ratio Lower Upper

168 100

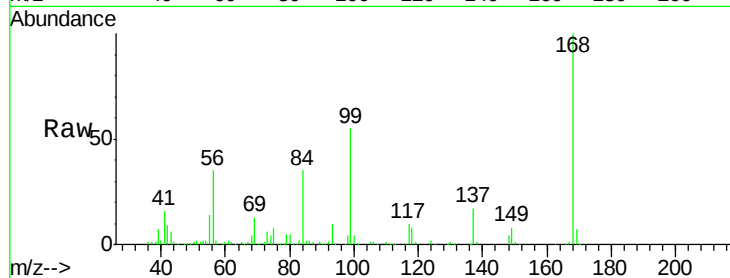
99 54.9 44.0 66.0

Manual Integrations

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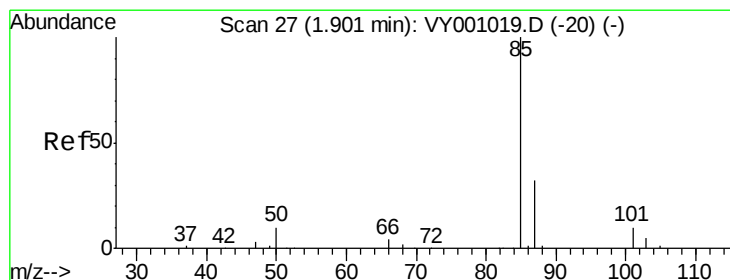
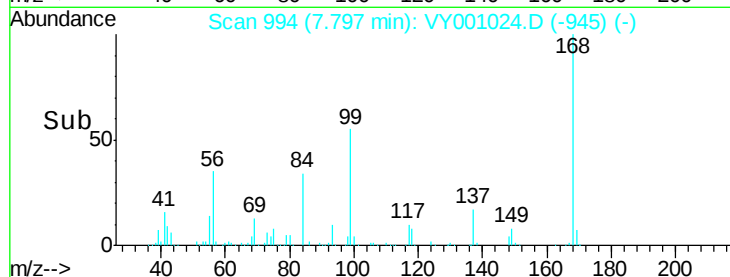
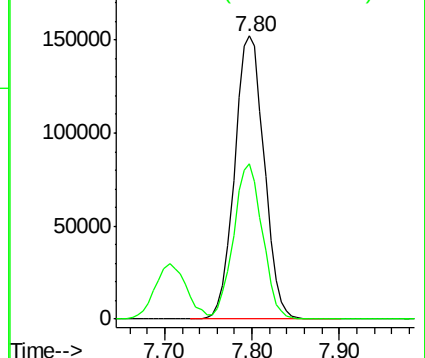
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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

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



#2

Dichlorodifluoromethane

Concen: 21.285 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001024.D

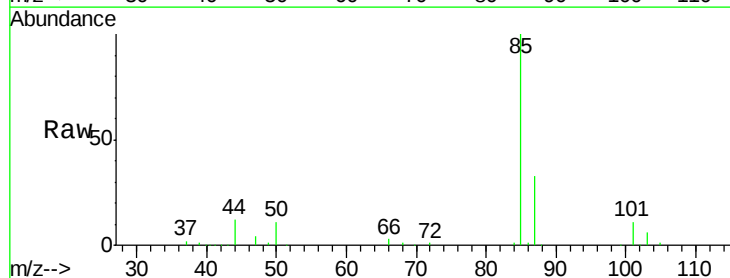
Acq: 23 Dec 2019 13:39

Tgt Ion: 85 Resp: 66268

Ion Ratio Lower Upper

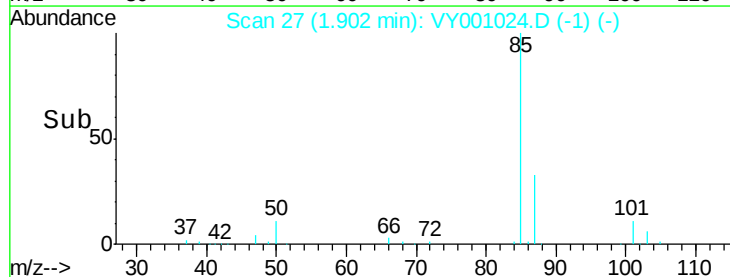
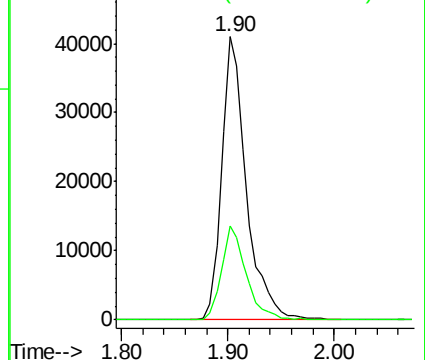
85 100

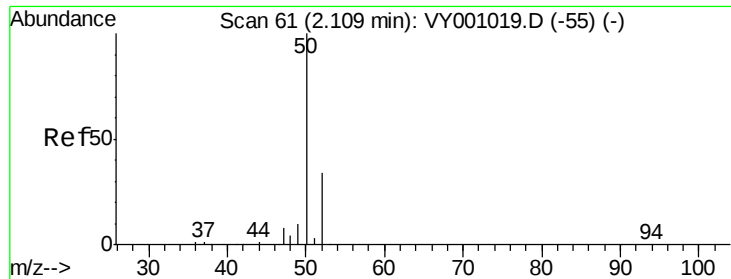
87 33.1 15.9 47.7



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

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





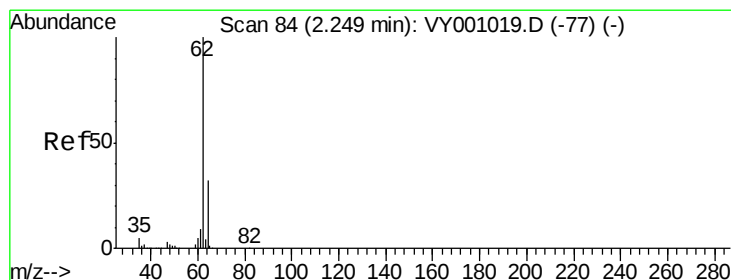
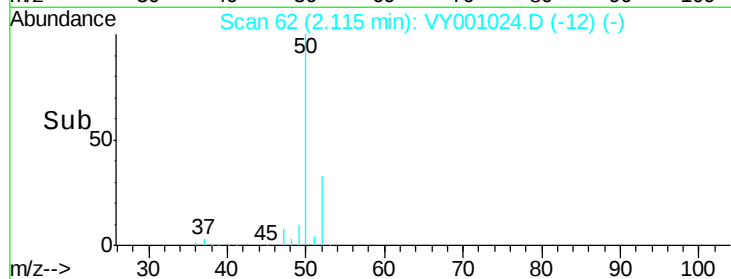
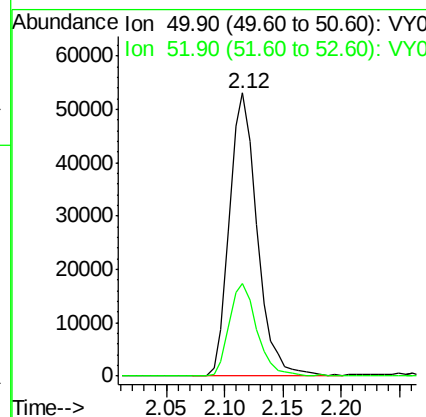
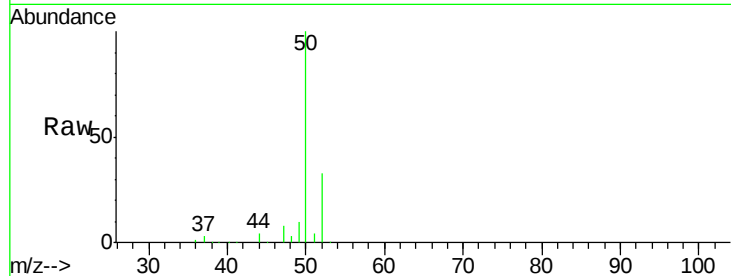
#3
Chloromethane
Concen: 20.786 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 50 Resp: 88075
Ion Ratio Lower Upper
50 100
52 32.9 27.1 40.7

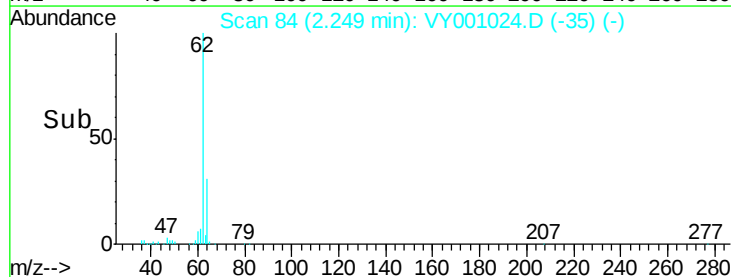
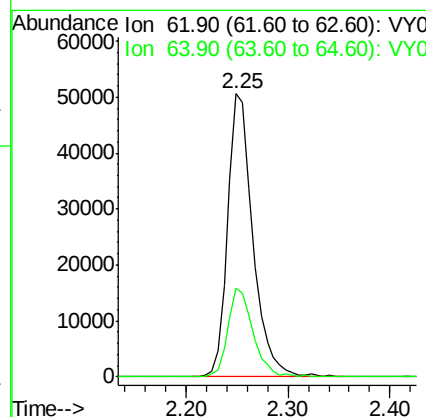
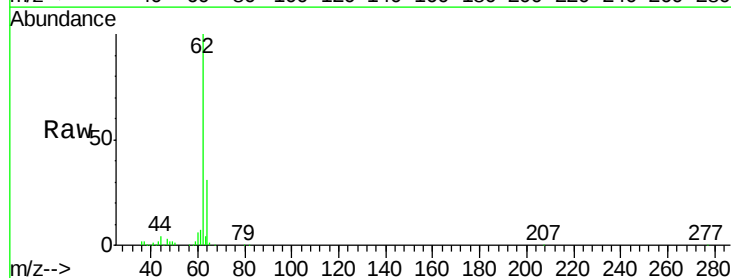
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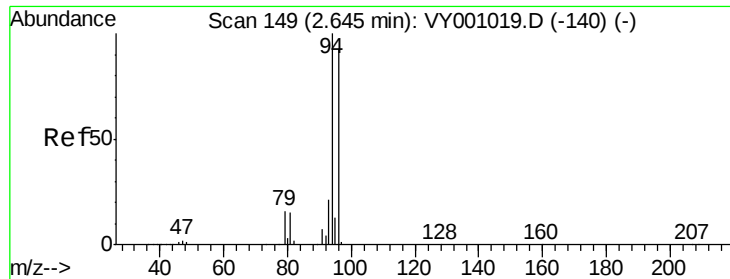
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#4
Vinyl Chloride
Concen: 21.085 ug/l
RT: 2.25 min Scan# 84
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 62 Resp: 86765
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4





#5

Bromomethane

Concen: 20.286 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 94 Resp: 55073

Ion Ratio Lower Upper

94 100

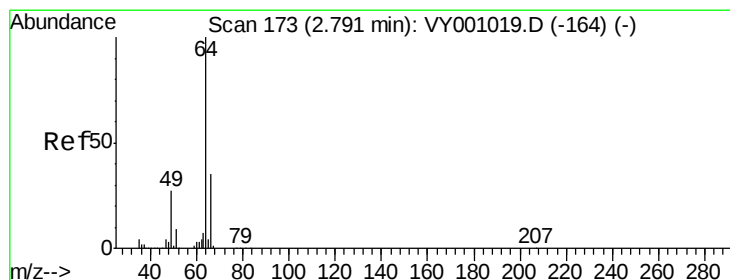
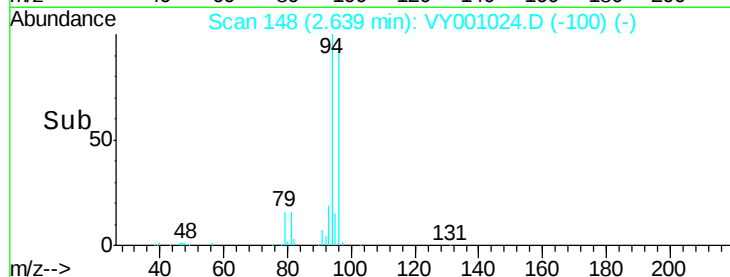
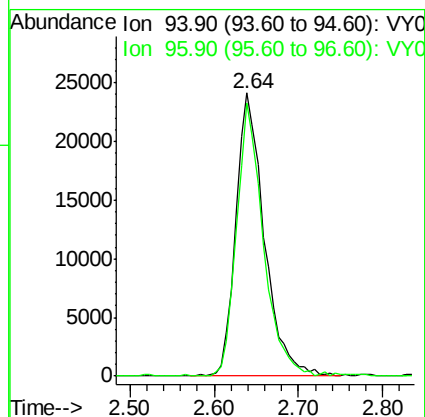
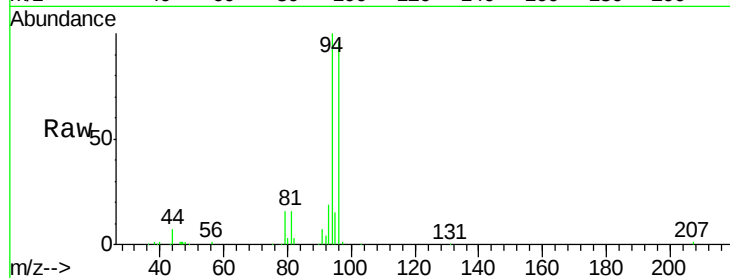
96 96.5 74.2 111.4

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#6

Chloroethane

Concen: 20.443 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001024.D

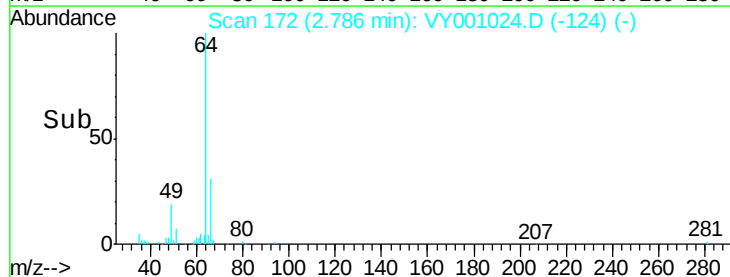
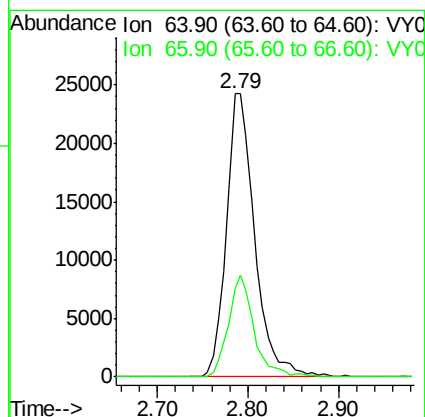
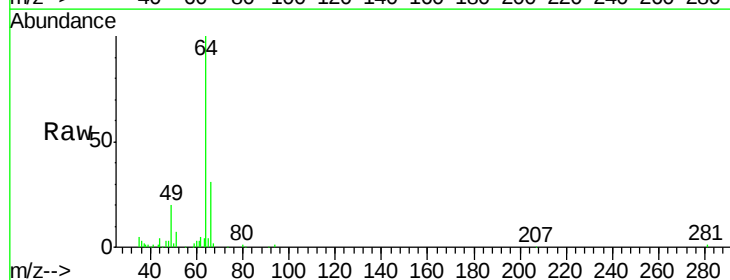
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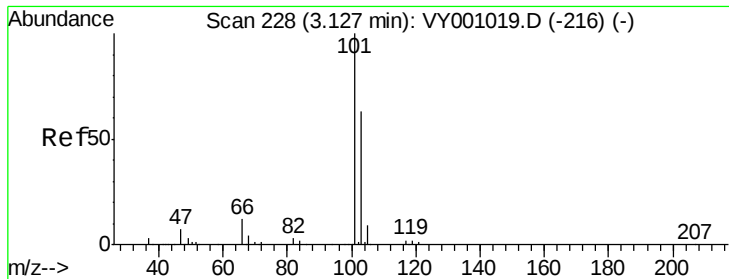
Tgt Ion: 64 Resp: 52393

Ion Ratio Lower Upper

64 100

66 31.2 27.8 41.6





#7

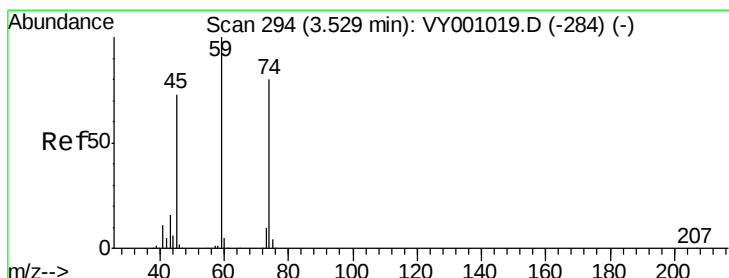
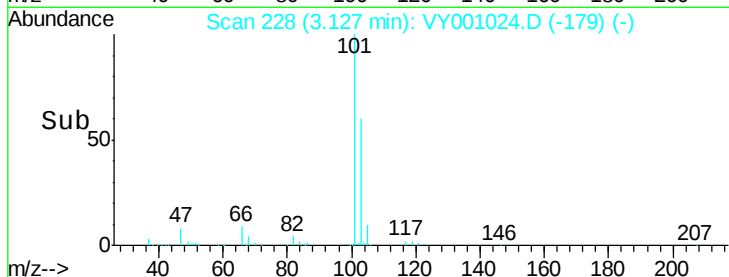
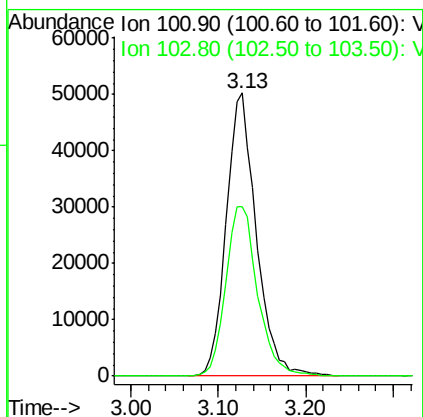
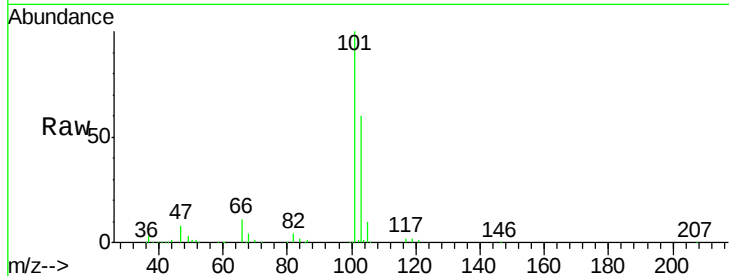
Trichlorofluoromethane
Concen: 19.866 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	119903		
103	59.9		50.2	75.2

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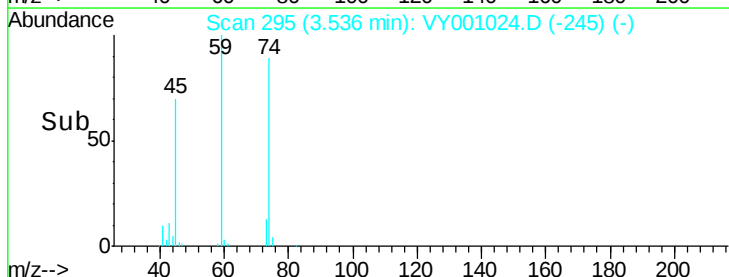
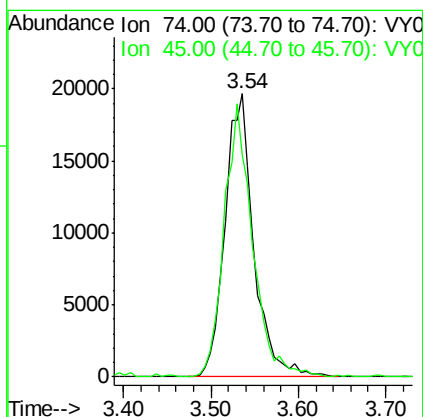
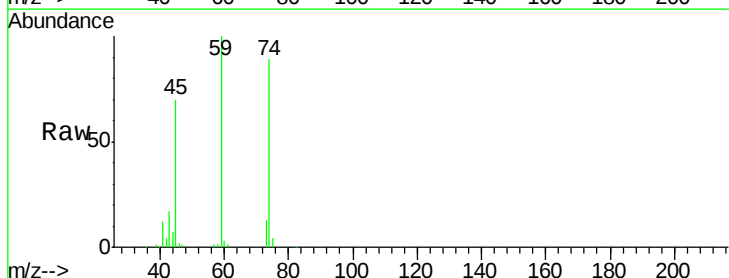
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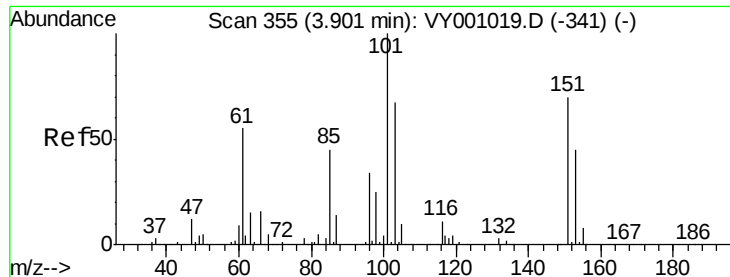


#8

Diethyl Ether
Concen: 18.149 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	44714		
45	95.4		46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.513 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

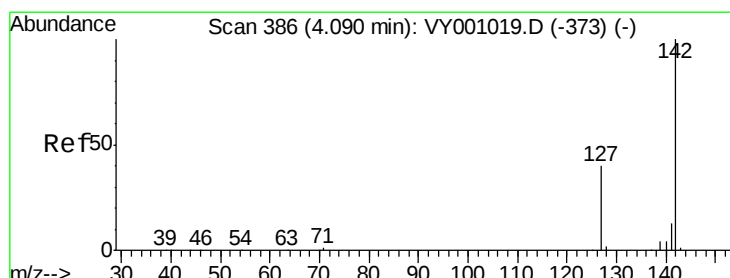
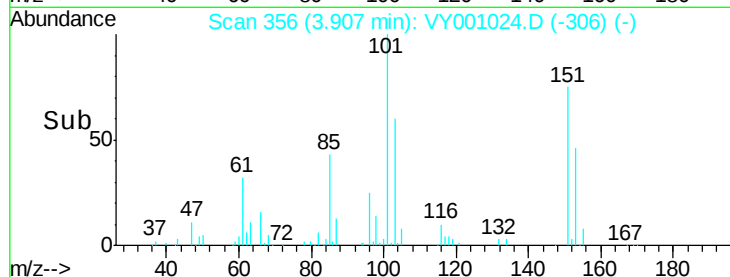
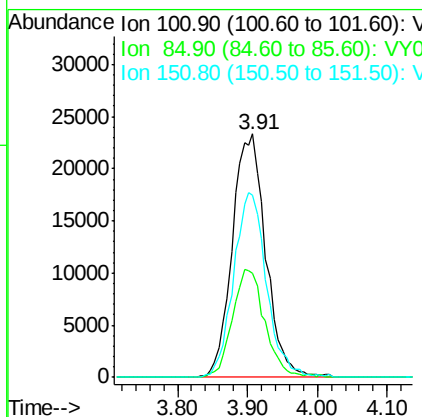
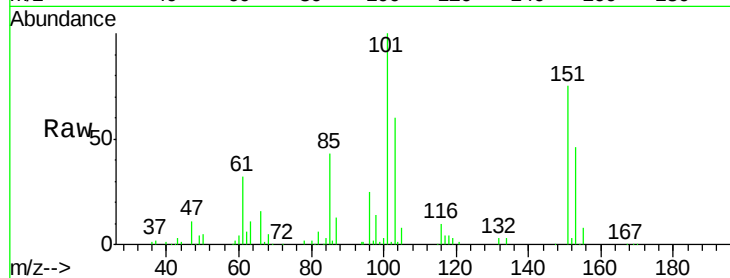
ClientSampleId :

VY1223SBS01

Tot Ion:	101	Resp:	77362
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.2
151	75.0	57.0	85.6

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#10

Methyl Iodide

Concen: 18.891 ug/l

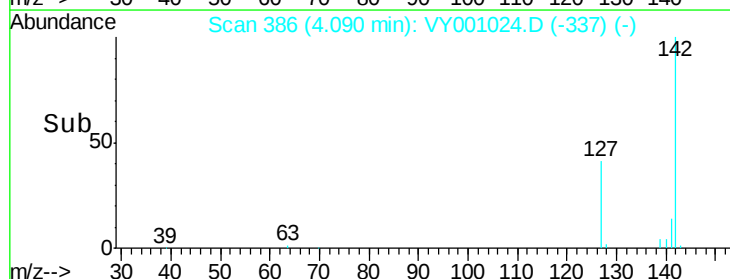
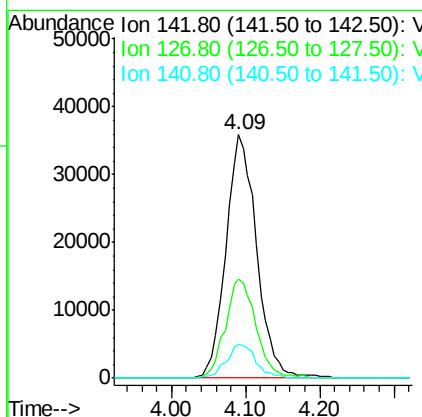
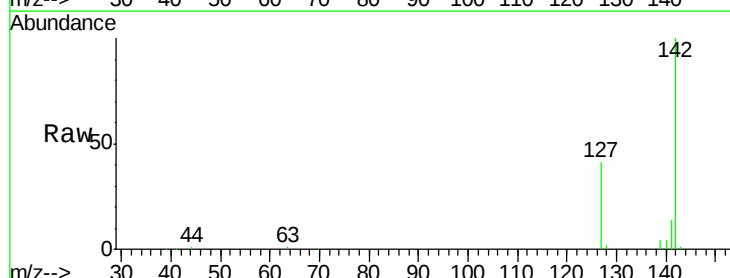
RT: 4.09 min Scan# 386

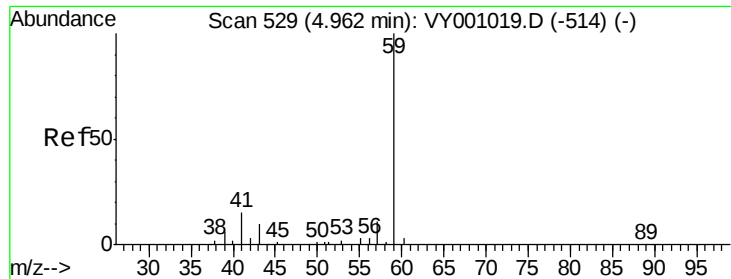
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	142	Resp:	103480
Ion Ratio	Lower	Upper	
142	100		
127	40.7	31.2	46.8
141	13.5	11.0	16.4





#11

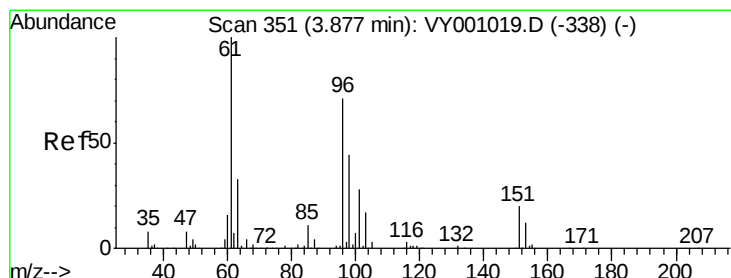
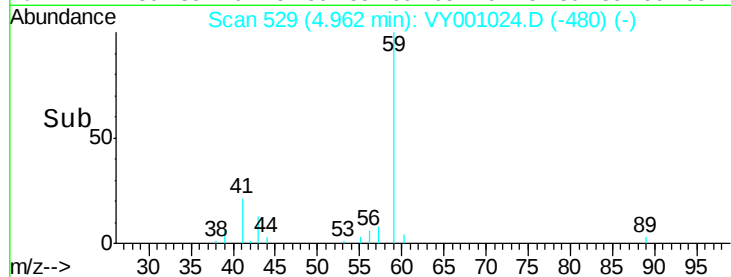
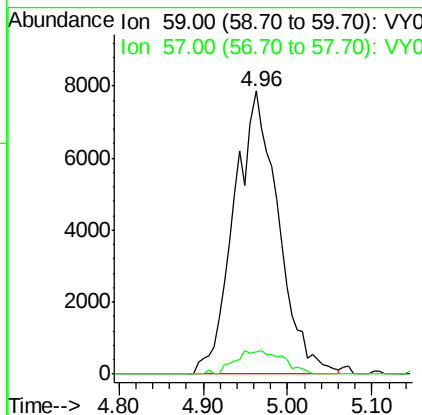
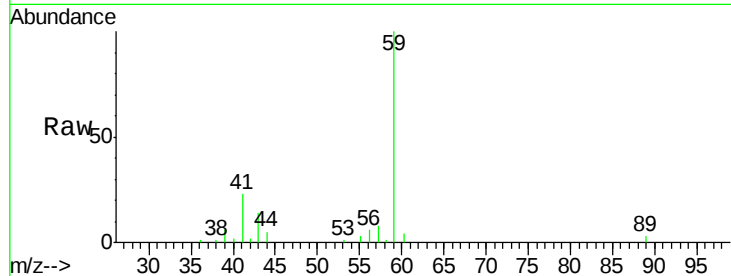
Tert butyl alcohol
 Concen: 72.535 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	59	57	Ratio	100	9.0	Resp	28104	Lower	Upper
Ion	59	57	Ratio	100	9.0	Resp	28104	Lower	Upper
								7.8	11.6

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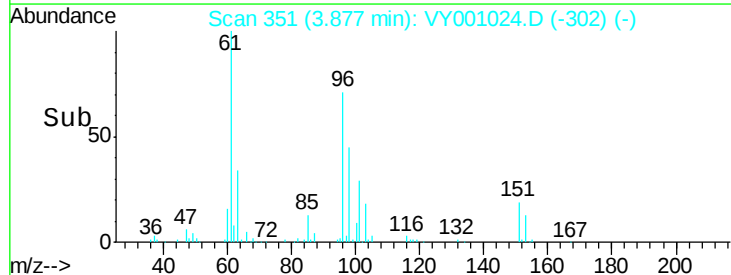
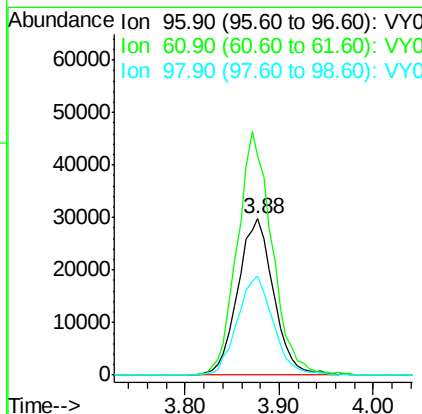
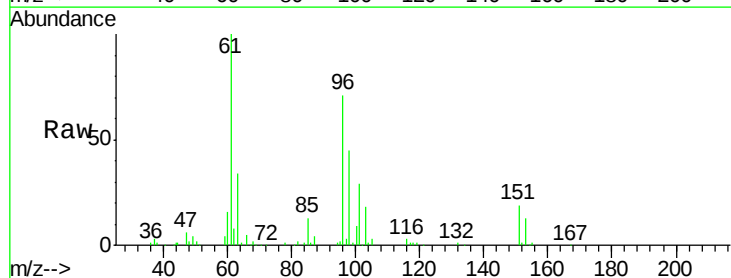
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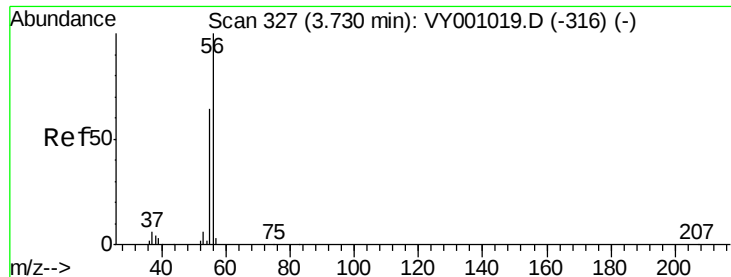


#12

1,1-Dichloroethene
 Concen: 19.589 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	96	61	98	Ratio	100	140.4	63.4	Resp	78629	Lower	Upper
Ion	96	61	98	Ratio	100	140.4	63.4	Resp	78629	Lower	Upper
										113.0	169.4
										49.8	74.8





#13

Acrolein

Concen: 75.272 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 56 Resp: 36136

Ion Ratio Lower Upper

56 100

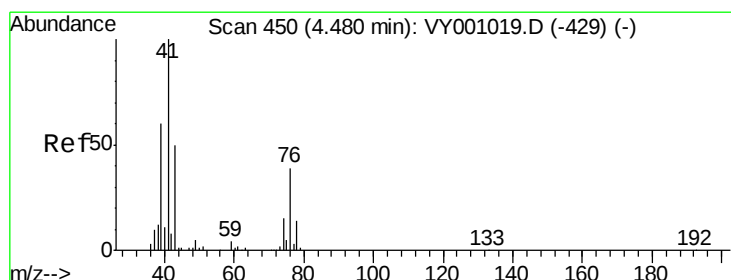
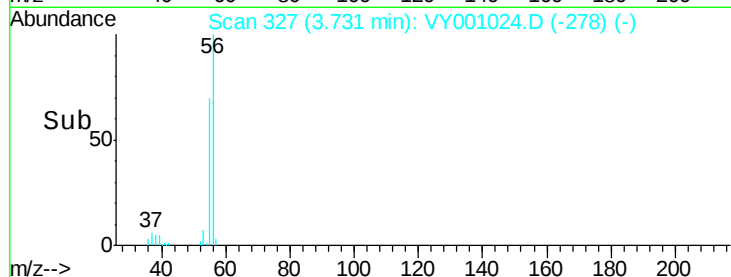
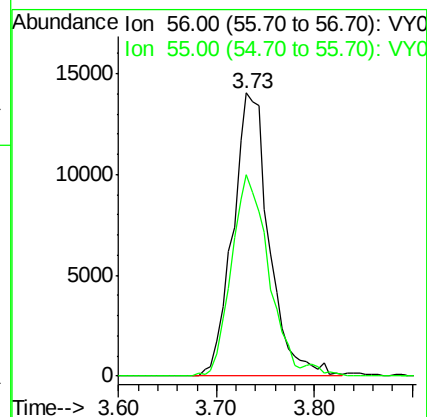
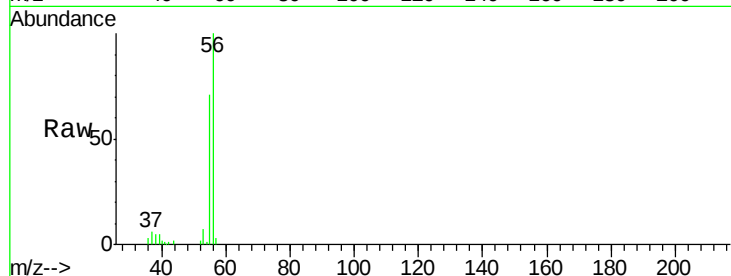
55 71.9 55.6 83.4

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#14

Allyl chloride

Concen: 19.671 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

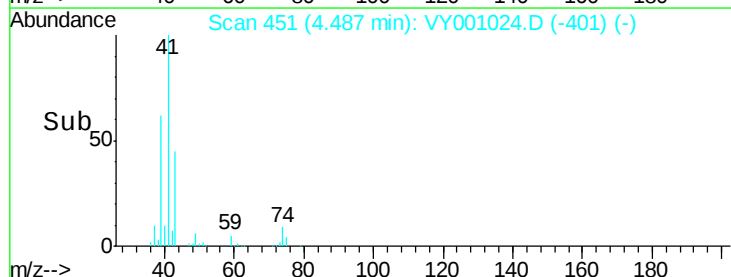
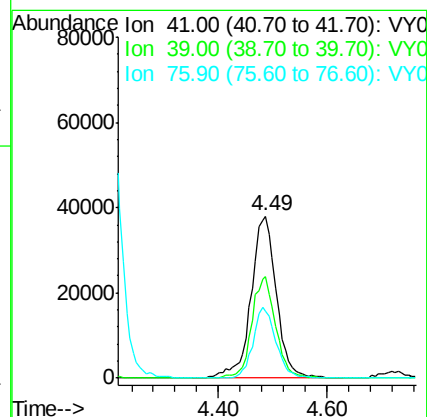
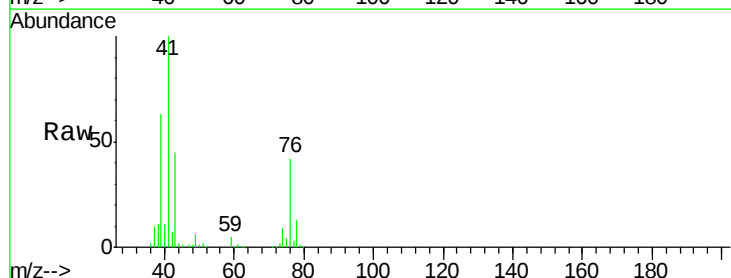
Tgt Ion: 41 Resp: 122654

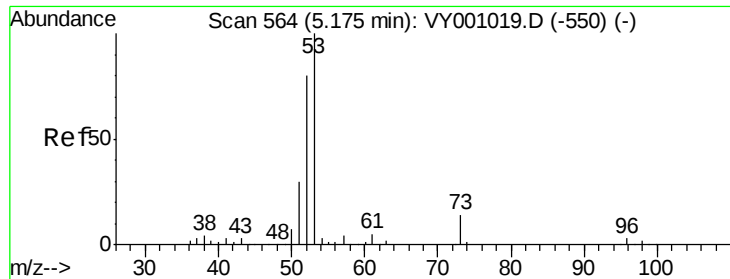
Ion Ratio Lower Upper

41 100

39 58.6 46.0 69.0

76 38.9 32.6 48.8





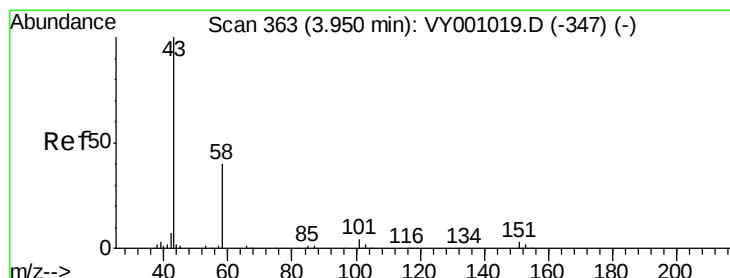
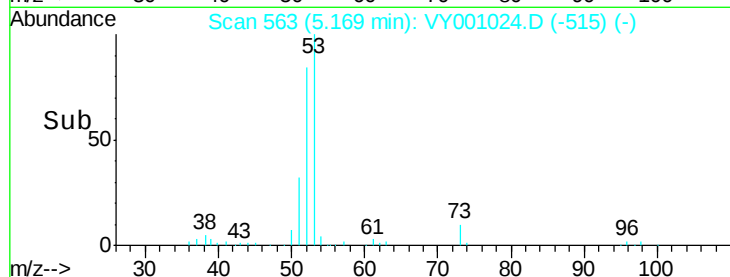
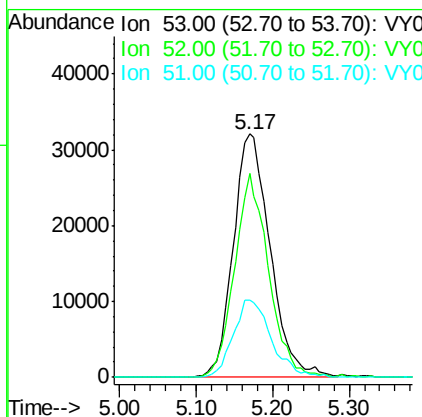
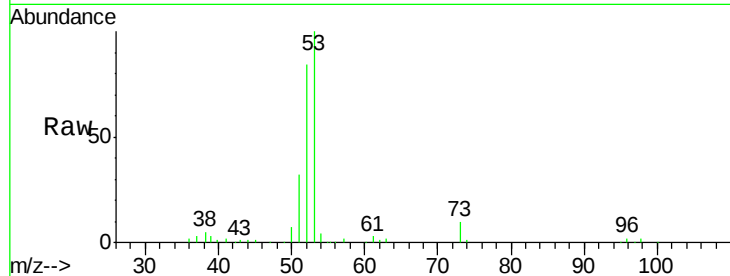
#15
 Acrylonitrile
 Concen: 87.247 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	53	Resp	107427
Ion Ratio	Lower	Upper	
53	100		
52	77.3	63.6	95.4
51	33.1	26.7	40.1

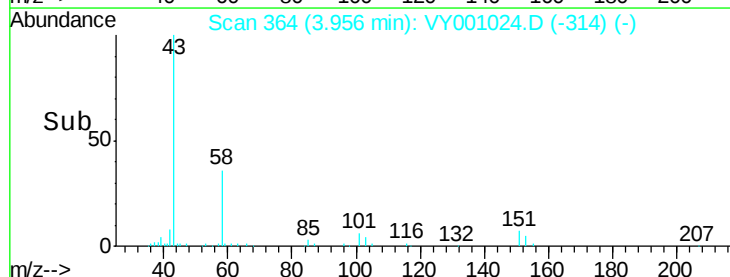
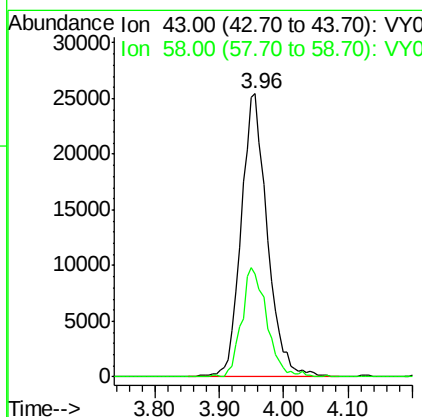
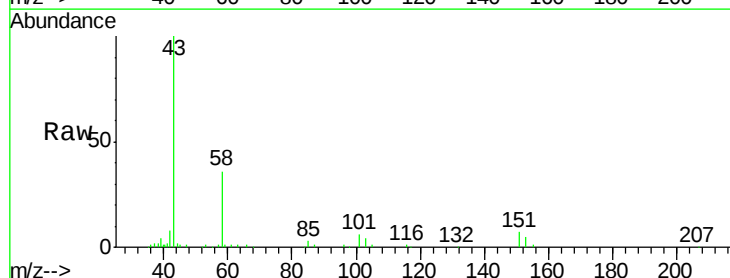
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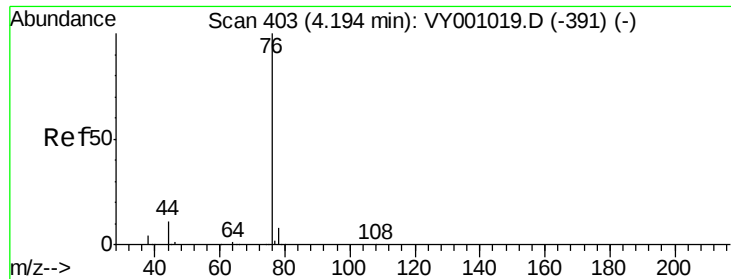
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#16
 Acetone
 Concen: 87.470 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	43	Resp	71008
Ion Ratio	Lower	Upper	
43	100		
58	36.3	32.1	48.1





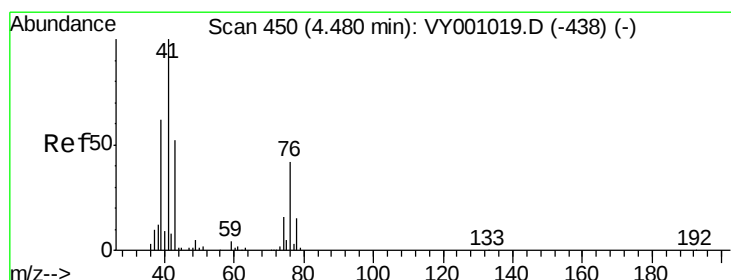
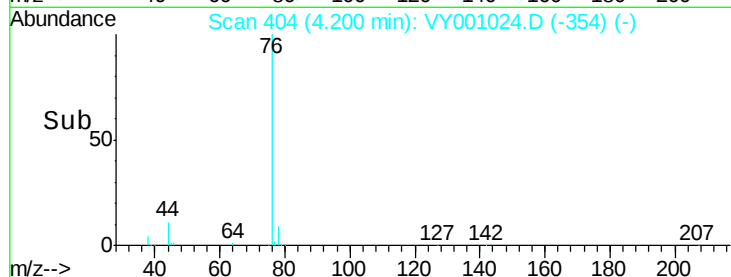
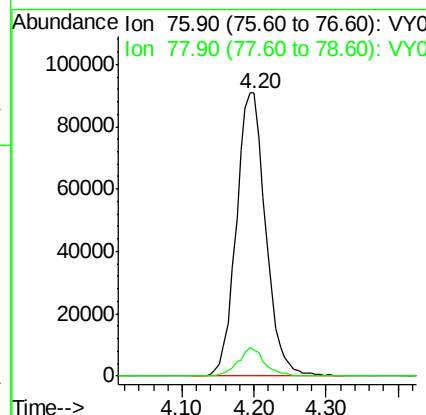
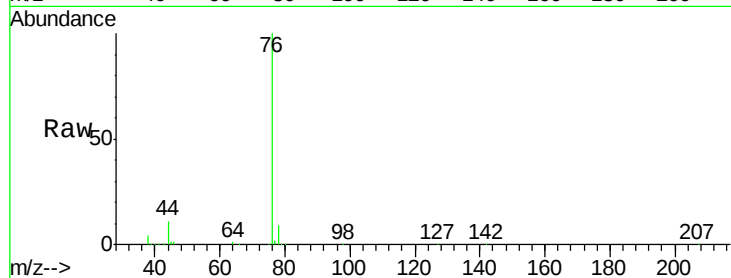
#17
Carbon Disulfide
Concen: 19.568 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.7	10.1

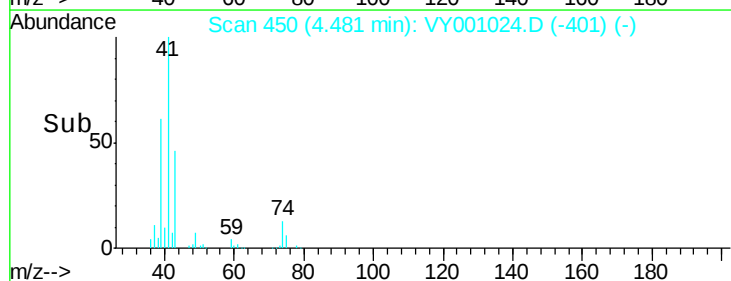
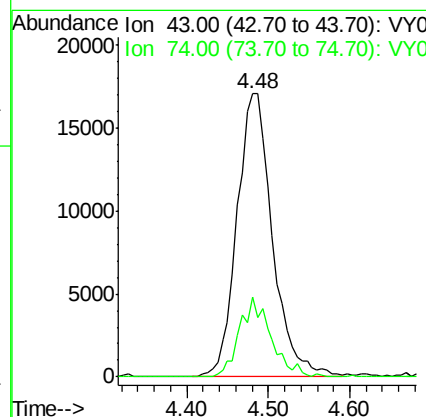
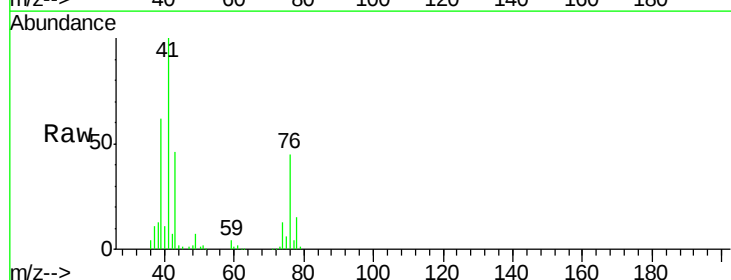
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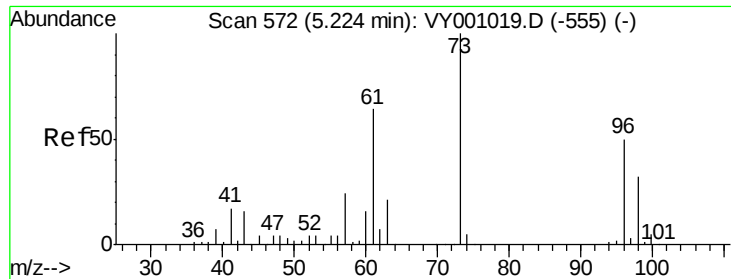
apatel
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#18
Methyl Acetate
Concen: 16.521 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.7	31.1





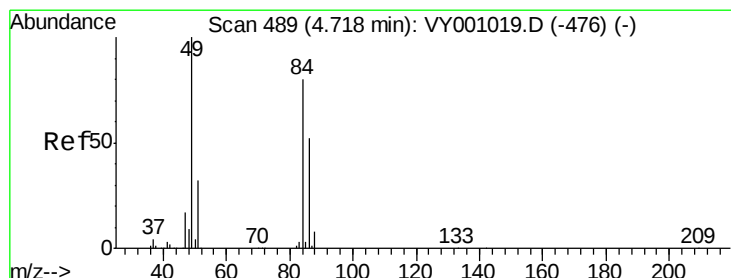
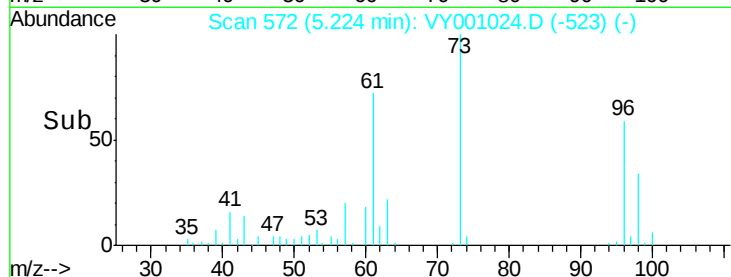
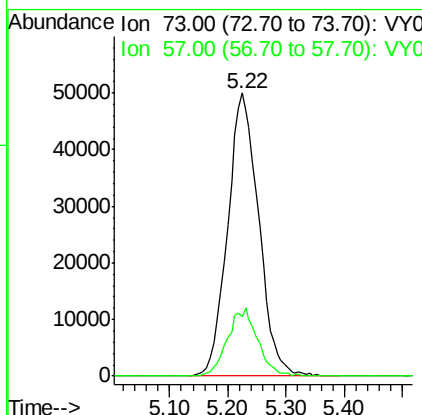
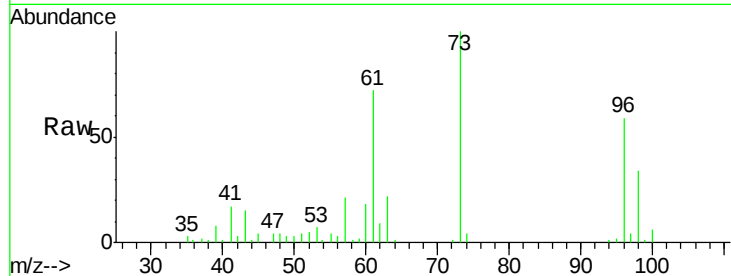
#19
Methvl tert-butvl Ether
Concen: 17.827 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 73 Resp: 184680
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6

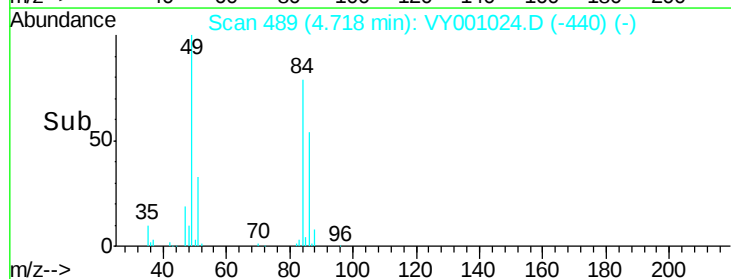
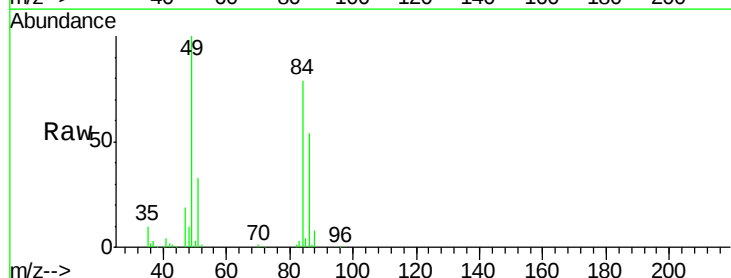
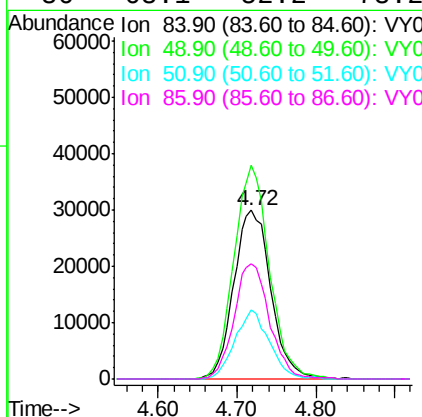
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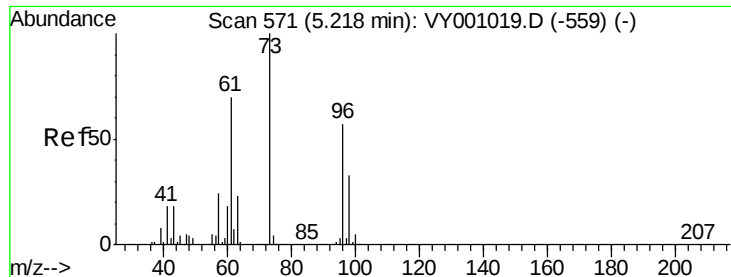
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#20
Methylene Chloride
Concen: 20.457 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 84 Resp: 97751
Ion Ratio Lower Upper
84 100
49 126.5 99.8 149.6
51 41.2 31.4 47.2
86 68.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.368 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

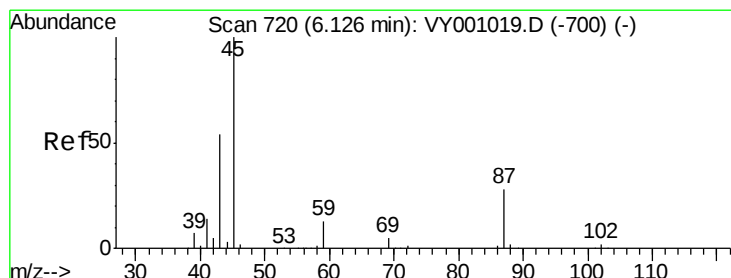
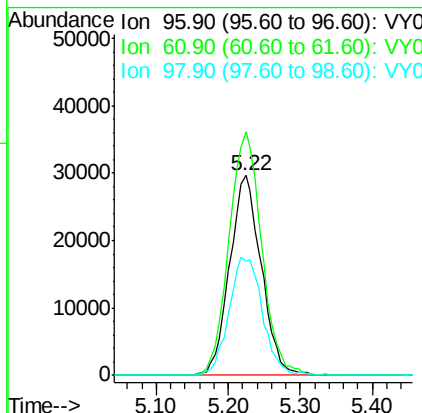
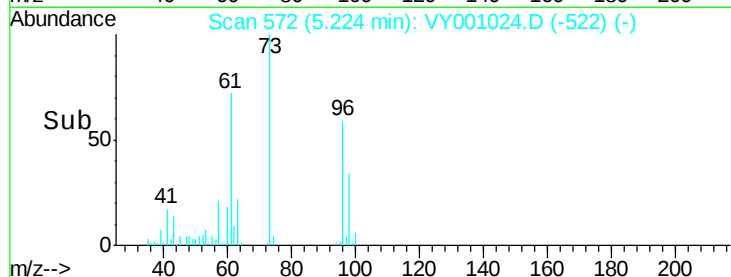
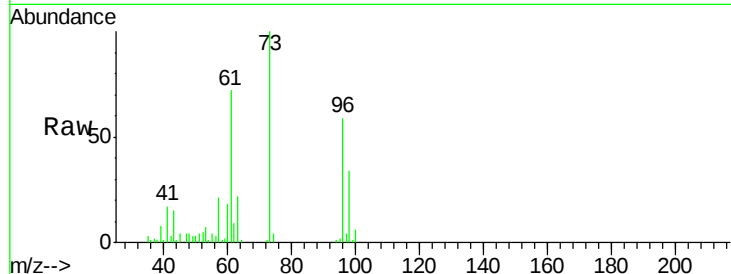
ClientSampleId :

VY1223SBS01

Tot Ion:	96	Resp:	90604
Ion	Ratio	Lower	Upper
96	100		
61	121.7	98.1	147.1
98	57.4	47.2	70.8

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#22

Diisopropyl ether

Concen: 19.470 ug/l

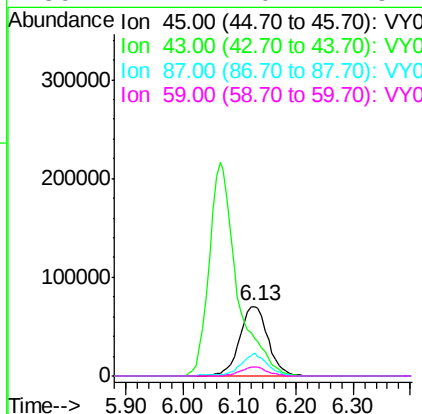
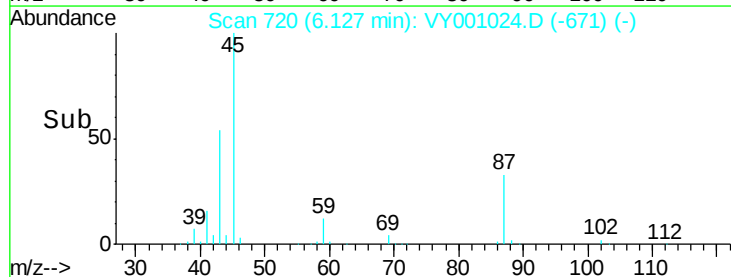
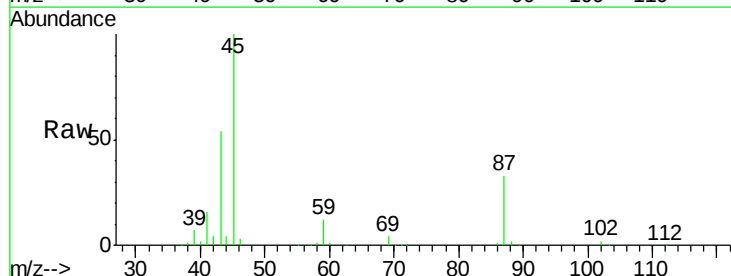
RT: 6.13 min Scan# 720

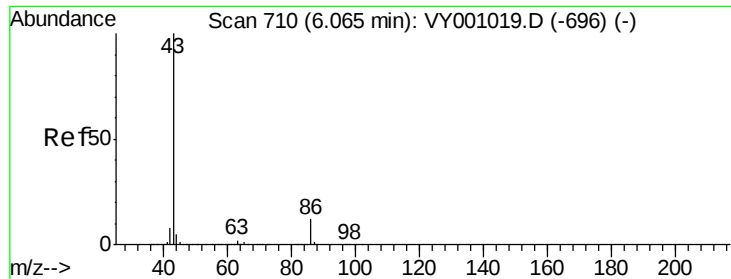
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	45	Resp:	245386
Ion	Ratio	Lower	Upper
45	100		
43	54.0	43.6	65.4
87	32.8	23.1	34.7
59	12.4	10.2	15.4





#23

Vinyl Acetate

Concen: 91.774 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 43 Resp: 730486

Ion Ratio Lower Upper

43 100

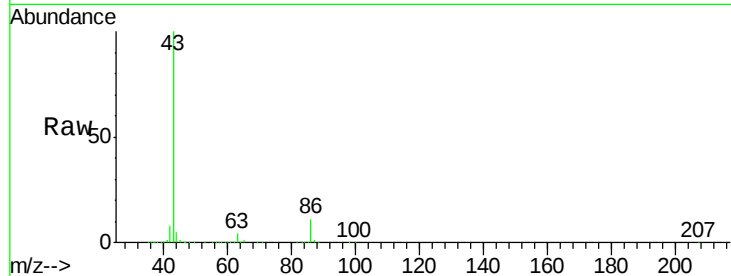
86 11.5 9.5 14.3

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

250000

200000

150000

100000

50000

0

6.07

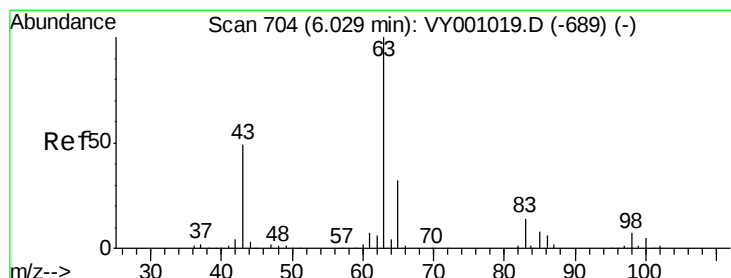
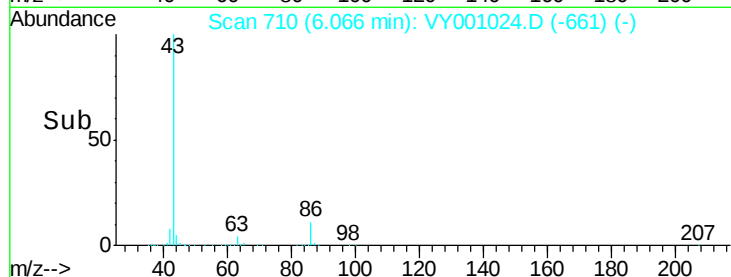
6.00

6.10

6.20

6.30

Time-->



#24

1,1-Dichloroethane

Concen: 19.482 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

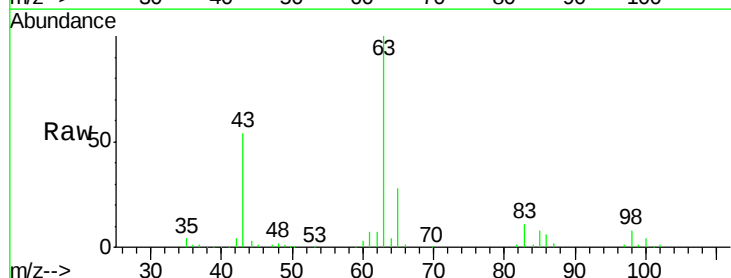
Tgt Ion: 63 Resp: 145104

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 3.5 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

60000

50000

40000

30000

20000

10000

0

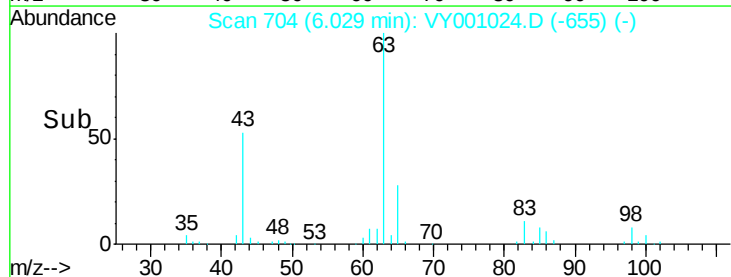
6.03

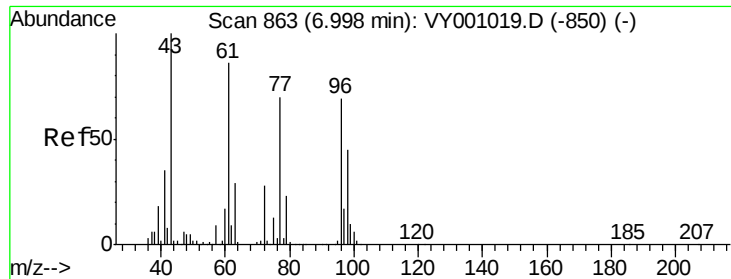
5.90

6.00

6.10

Time-->





#25

2-Butanone

Concen: 82.946 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 43 Resp: 118291

Ion Ratio Lower Upper

43 100

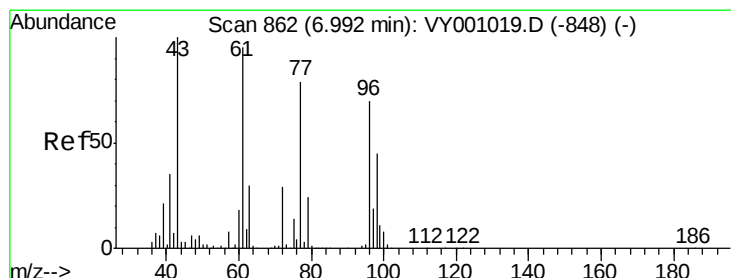
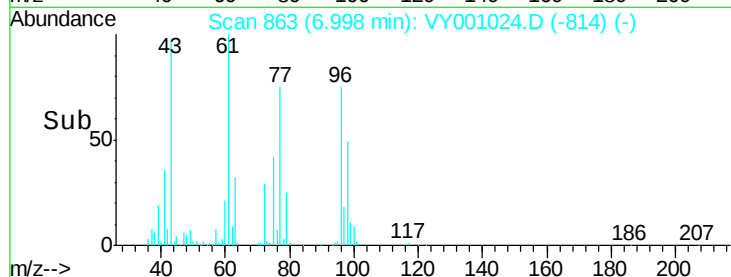
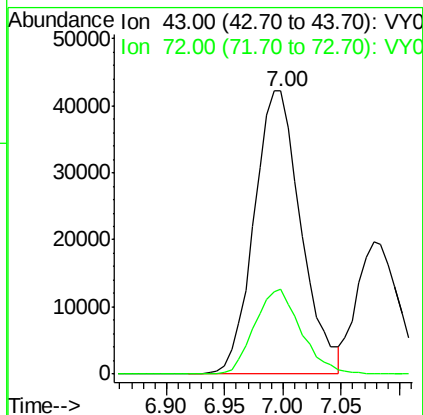
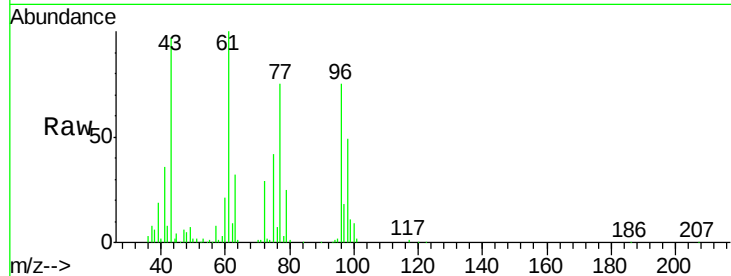
72 29.8 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 19.352 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001024.D

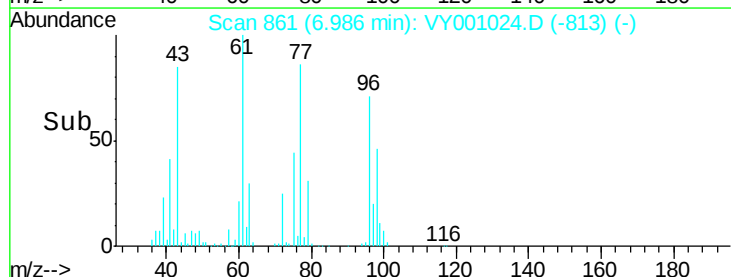
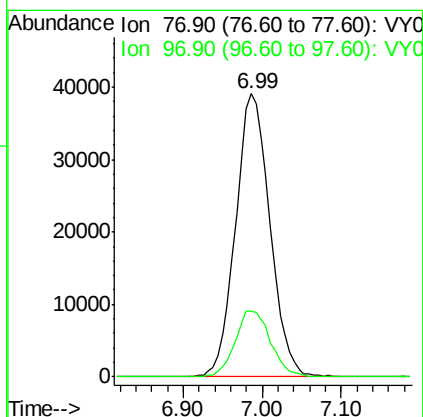
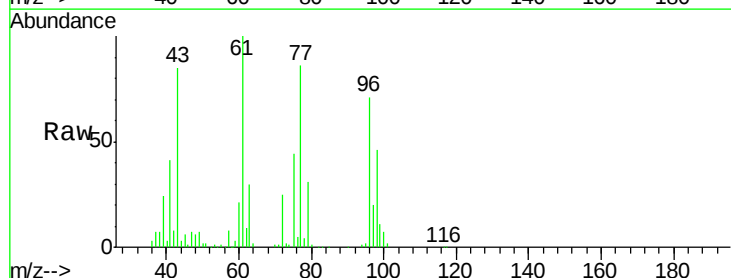
Acq: 23 Dec 2019 13:39

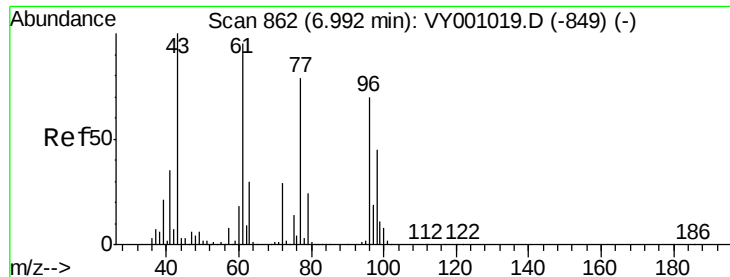
Tgt Ion: 77 Resp: 118418

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

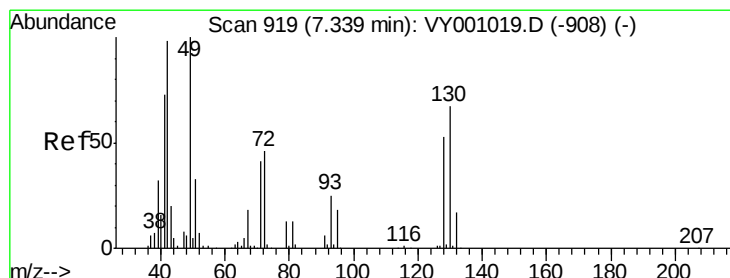
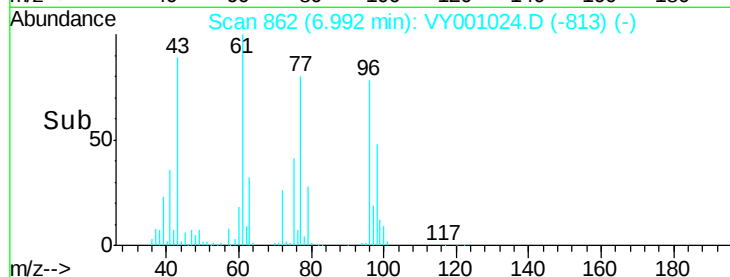
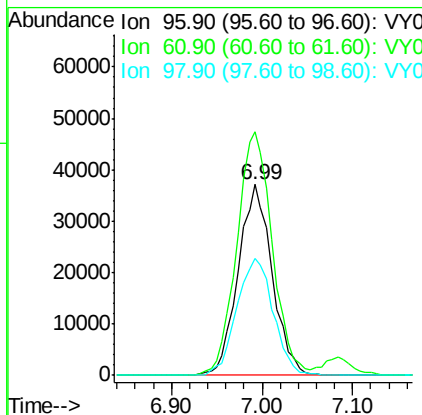
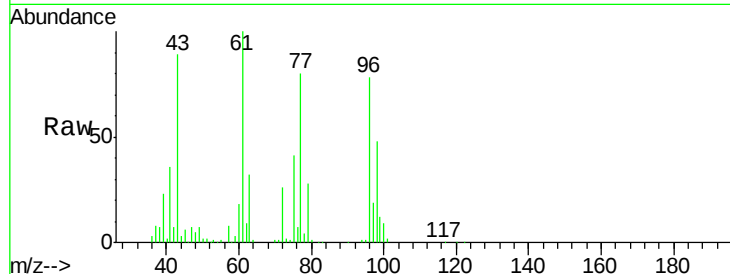
cis-1,2-Dichloroethene
Concen: 19.659 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.6	0.0	268.2	
98	66.0	0.0	129.2	

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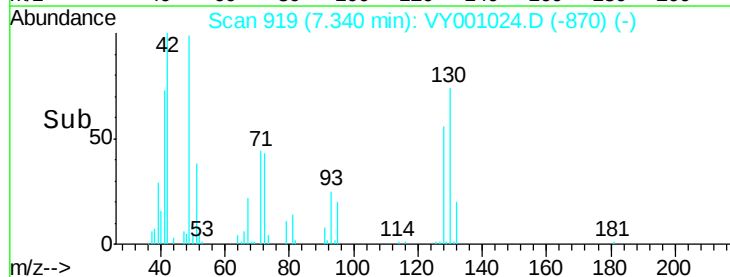
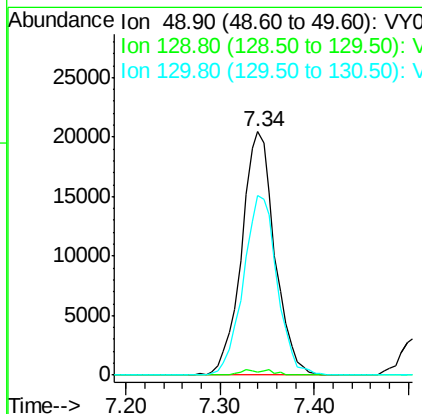
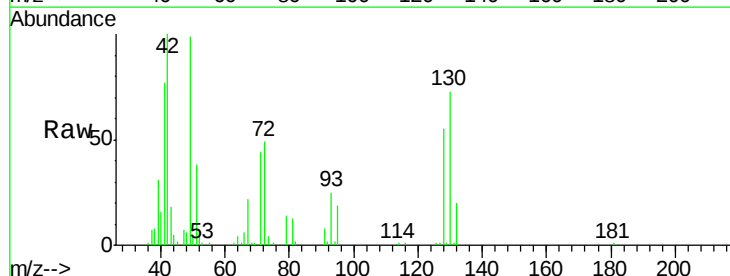
apatel
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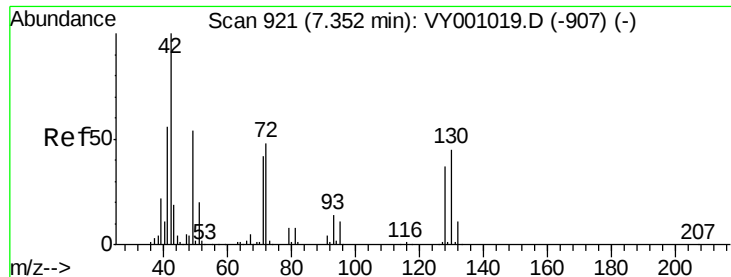


#28

Bromochloromethane
Concen: 17.303 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	3.8	
130	75.2	60.4	90.6	





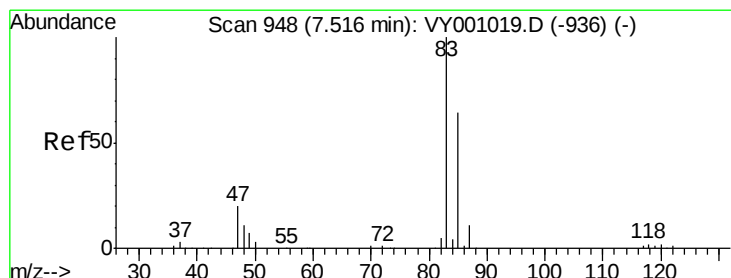
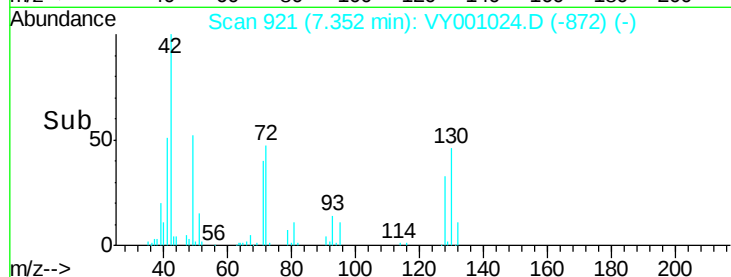
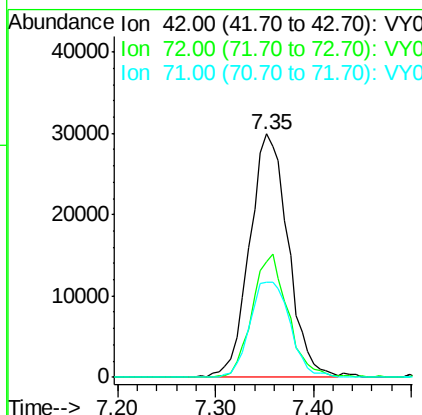
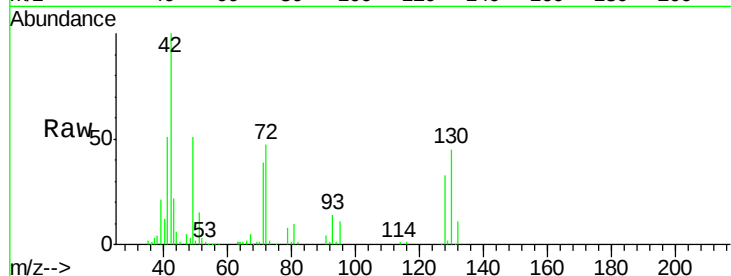
#29
Tetrahydrofuran
Concen: 80.598 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.7	56.5
71	40.7	34.6	51.8

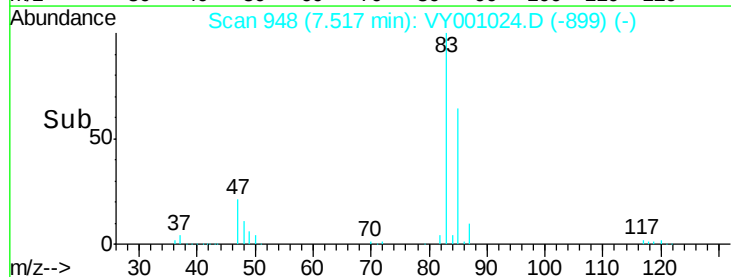
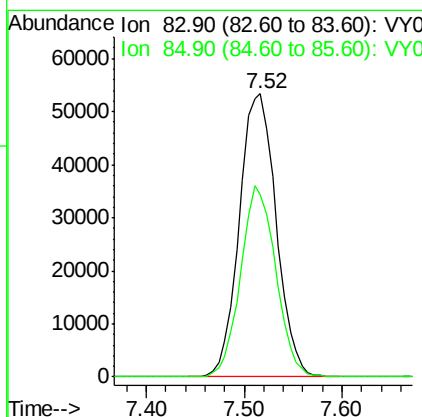
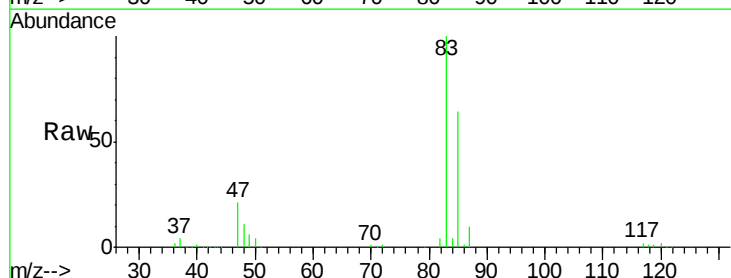
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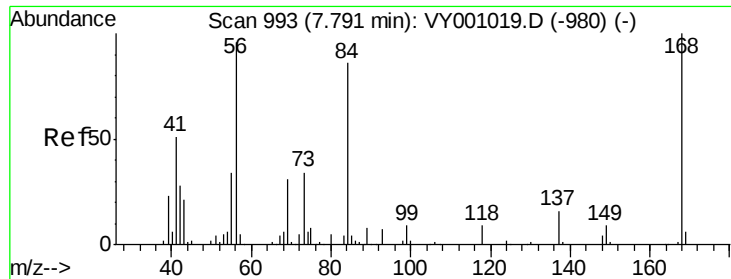
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#30
Chloroform
Concen: 19.788 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





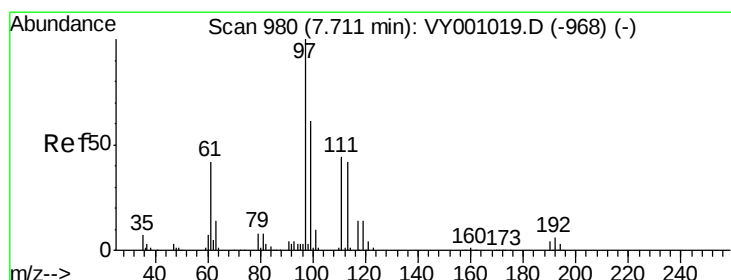
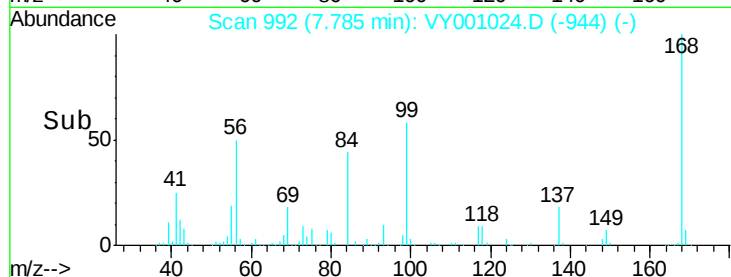
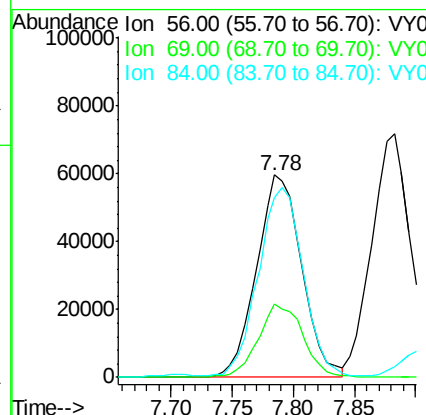
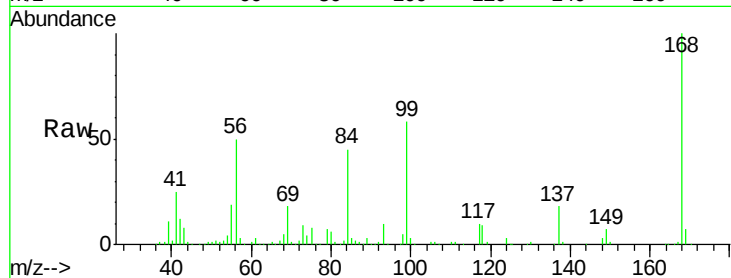
#31
Cyclohexane
Concen: 19.587 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	26.1	39.1
84	88.1	71.8	107.8

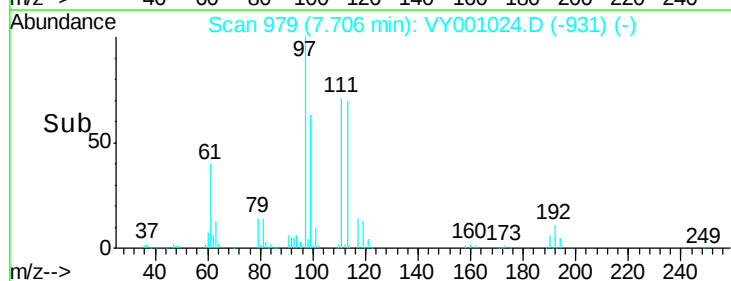
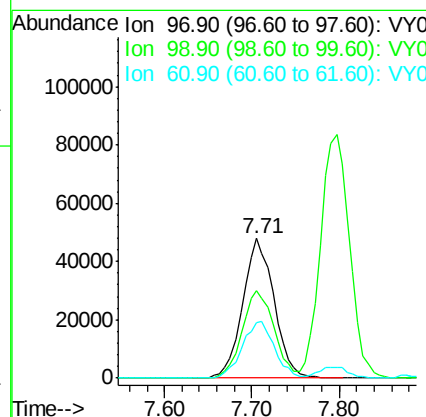
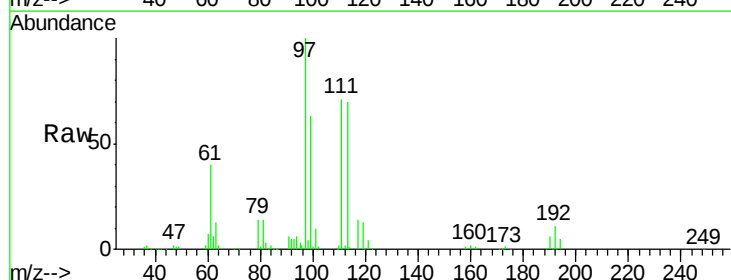
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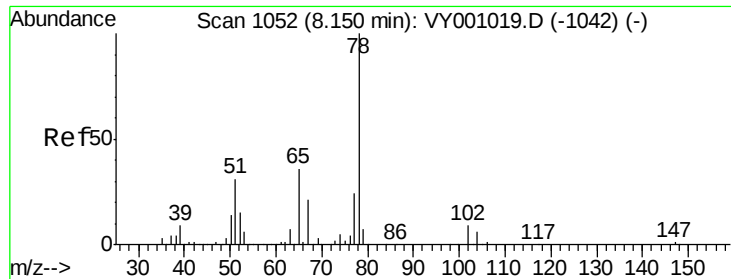
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#32
1,1,1-Trichloroethane
Concen: 19.784 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	41.6	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 47.316 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 65 Resp: 166732

Ion Ratio Lower Upper

65 100

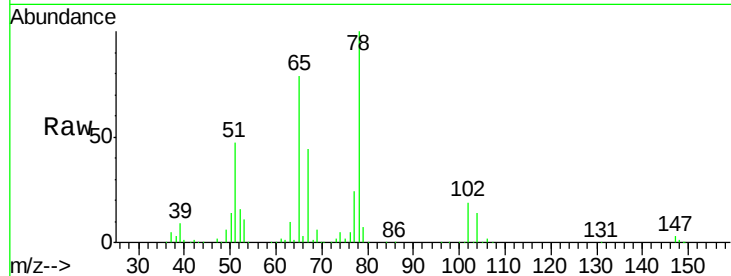
67 56.4 0.0 112.8

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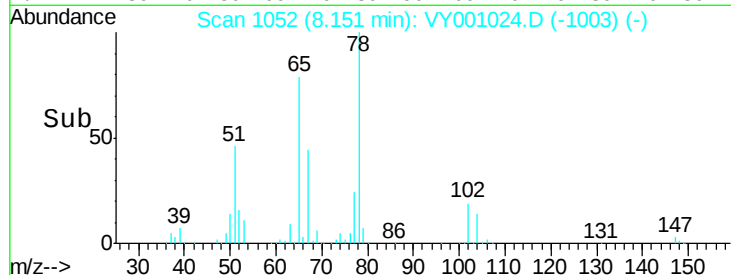


Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

8.15



Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

8.15

8.15

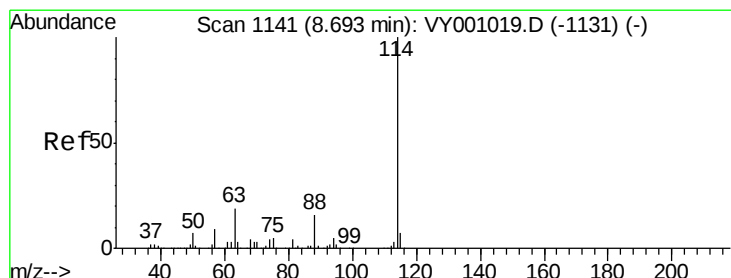
8.15

8.15

8.15

8.15

8.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

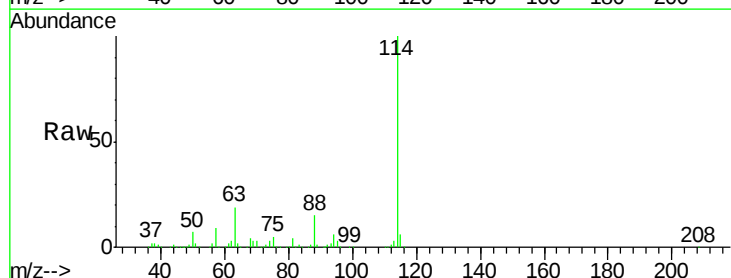
Tgt Ion: 114 Resp: 617374

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

88 14.7 0.0 32.0



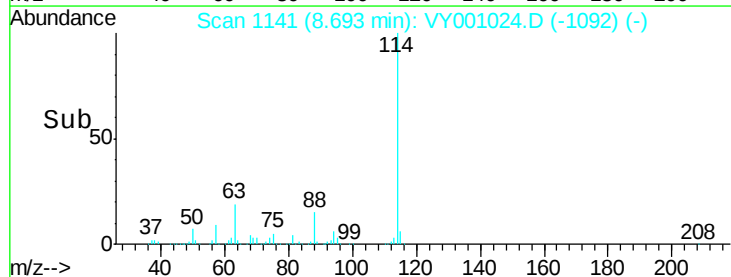
Abundance Ion 113.90 (113.60 to 114.60): VY001019.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001019.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001019.D (-1131) (-)

8.69

8.69



Abundance Ion 113.90 (113.60 to 114.60): VY001019.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001019.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001019.D (-1131) (-)

8.69

8.69

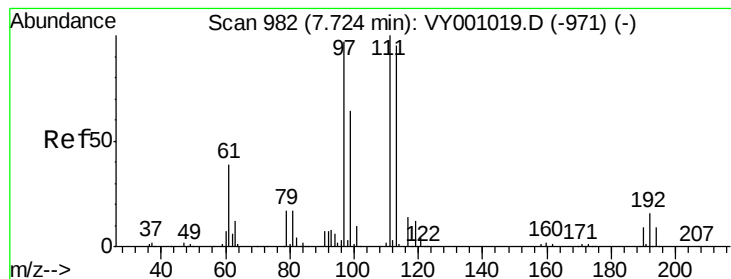
8.69

8.69

8.69

8.69

8.69



#35

Dibromofluoromethane

Concen: 47.163 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

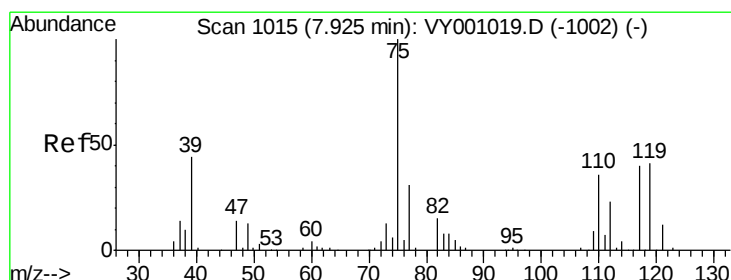
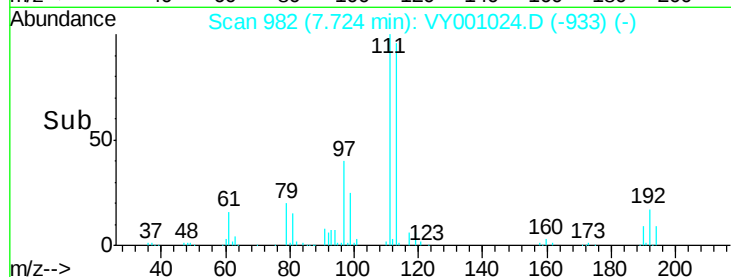
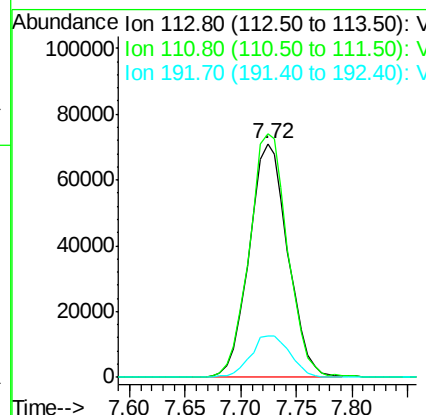
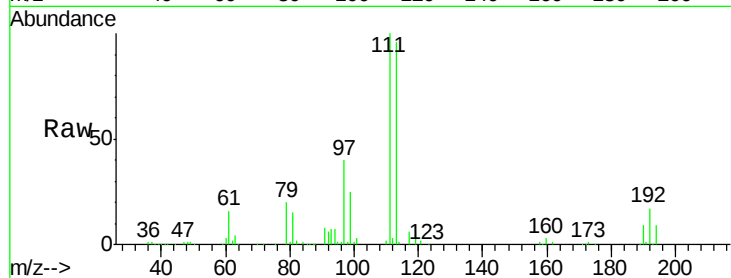
ClientSampleId :

VY1223SBS01

Tot Ion:	113	Resp:	171457
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.0	124.4
192	18.1	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 20.292 ug/l

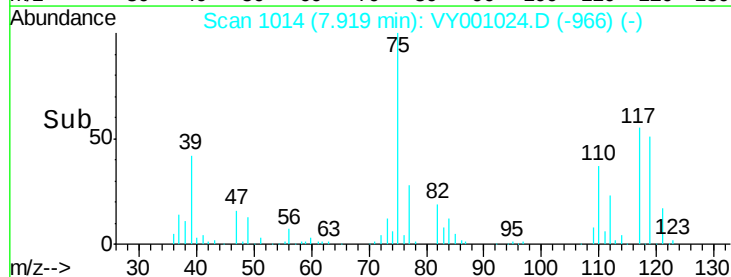
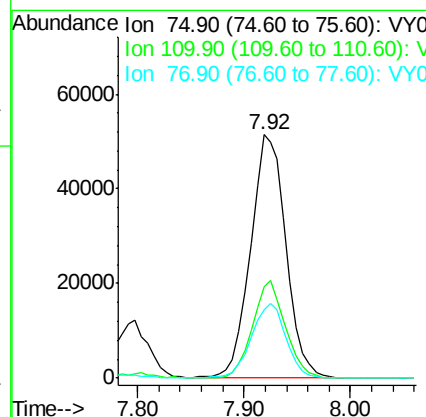
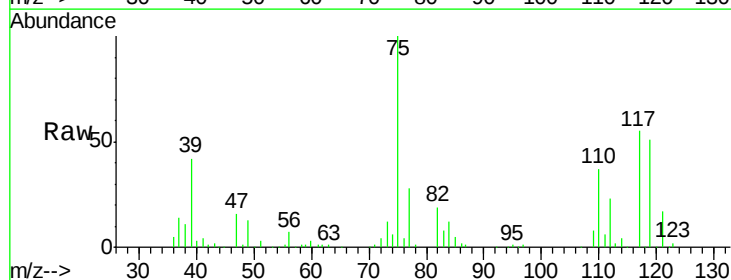
RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	75	Resp:	119513
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.4
77	30.4	24.6	37.0





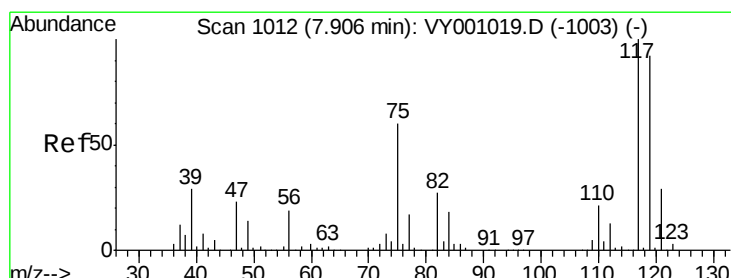
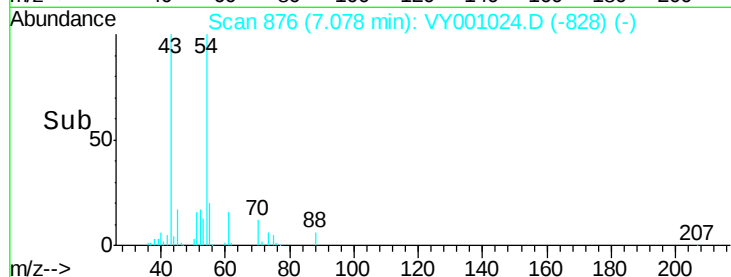
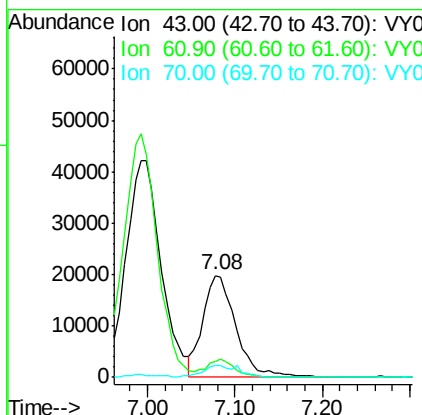
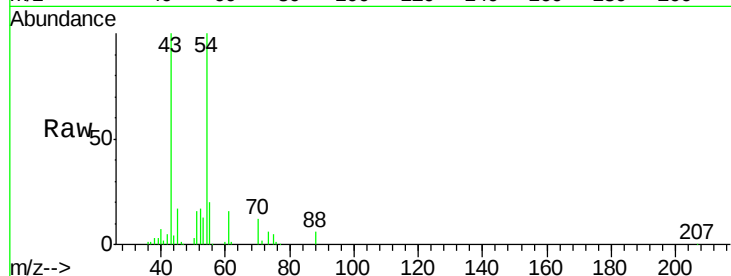
#37
Ethyl Acetate
Concen: 15.975 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.5	18.7
70	12.6	9.0	13.4

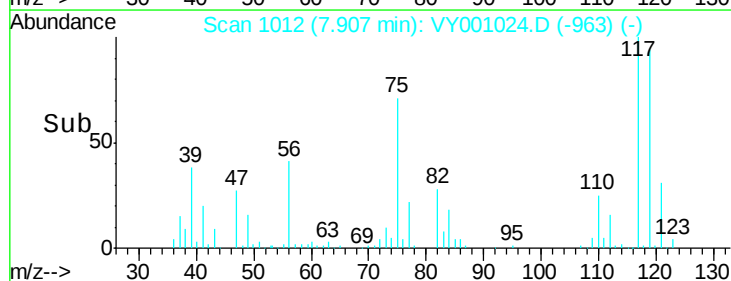
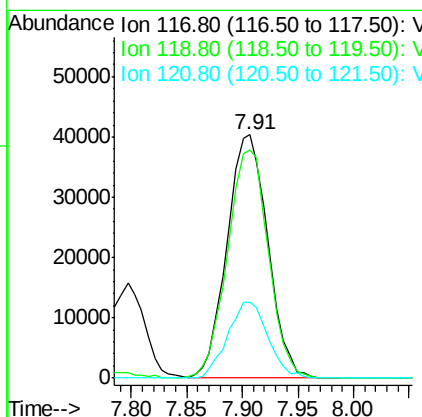
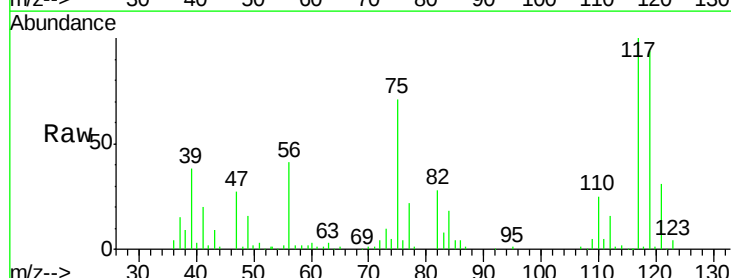
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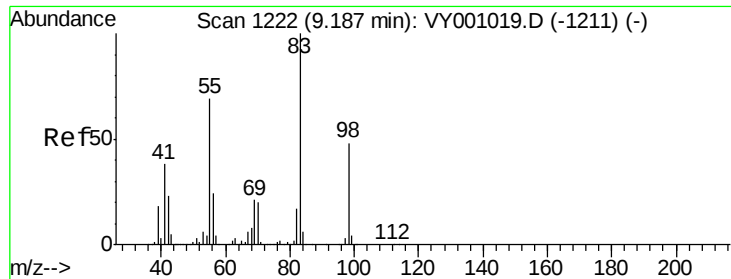
apatel
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#38
Carbon Tetrachloride
Concen: 19.912 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.2
121	31.3	22.9	34.3





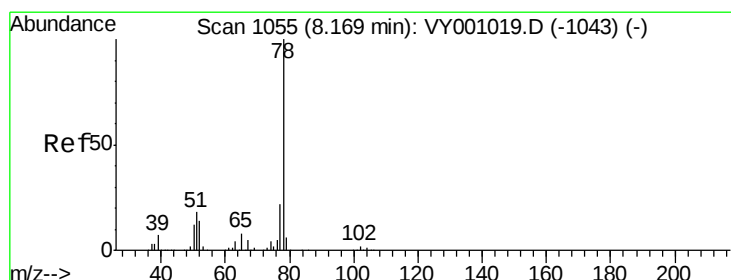
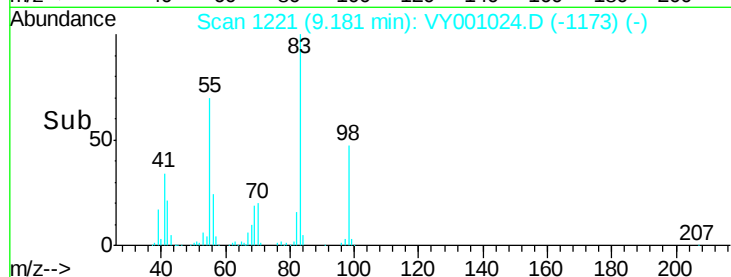
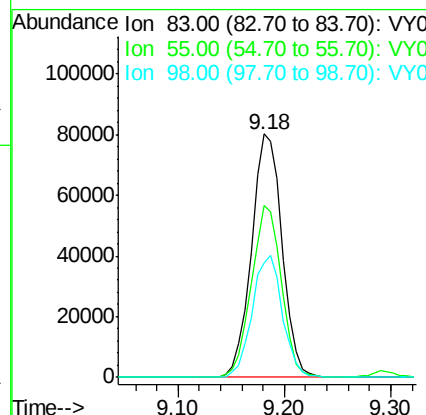
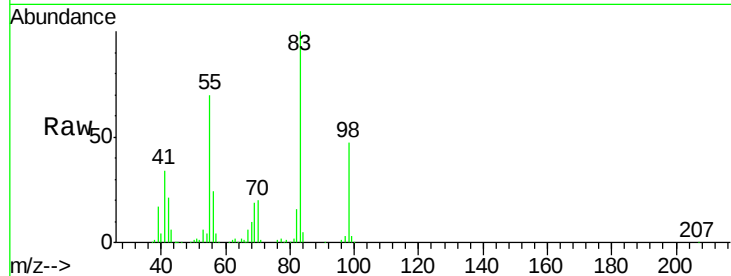
#39
Methvlcvclohexane
Concen: 20.665 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161625		
55	70.5		55.1	82.7
98	46.7		38.3	57.5

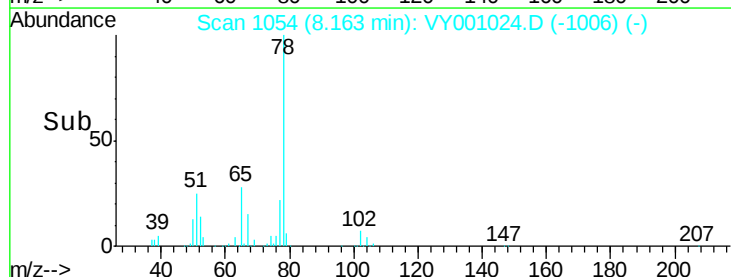
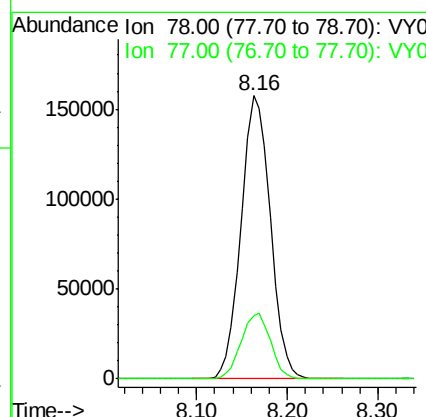
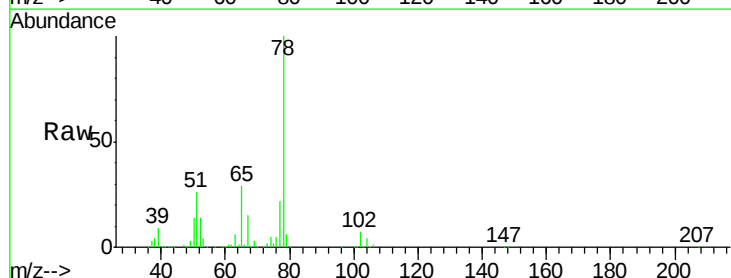
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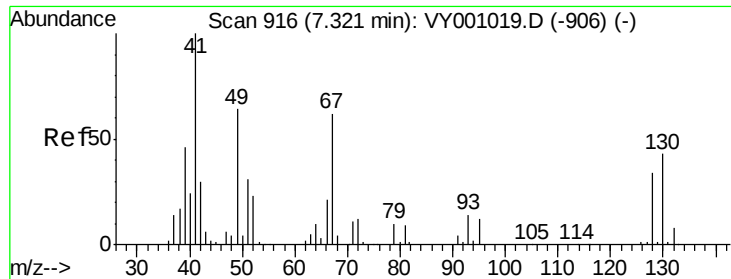
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#40
Benzene
Concen: 19.830 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	352343		
77	22.5		17.7	26.5





#41

Methacrylonitrile

Concen: 19.809 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 41 Resp: 28008

Ion Ratio Lower Upper

41 100

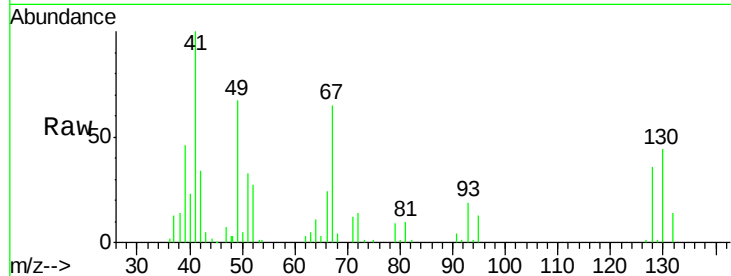
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

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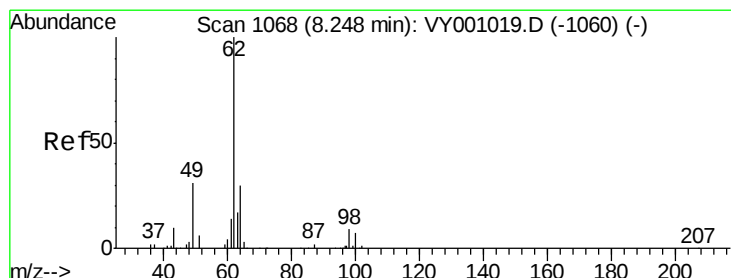
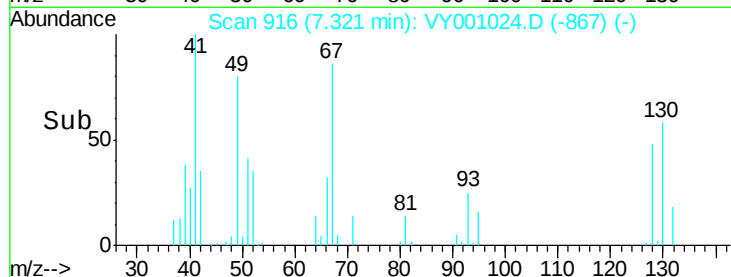
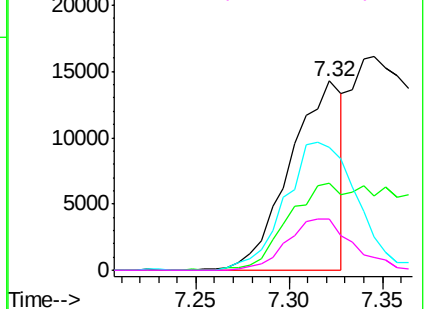


Abundance Ion 41.00 (40.70 to 41.70): VY001019.D (-906) (-)

Ion 39.00 (38.70 to 39.70): VY001019.D (-906) (-)

Ion 67.00 (66.70 to 67.70): VY001019.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VY001019.D (-906) (-)



#42

1,2-Dichloroethane

Concen: 19.609 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001024.D

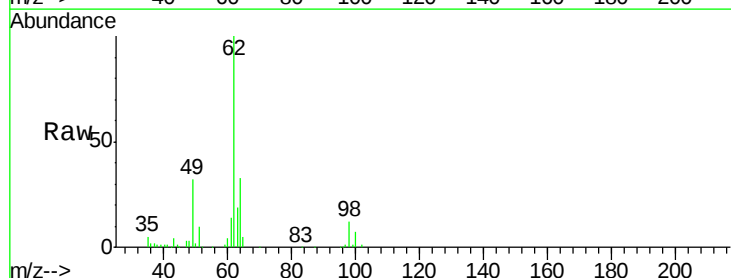
Acq: 23 Dec 2019 13:39

Tgt Ion: 62 Resp: 83300

Ion Ratio Lower Upper

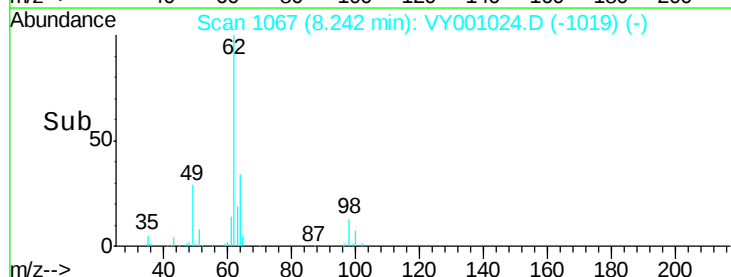
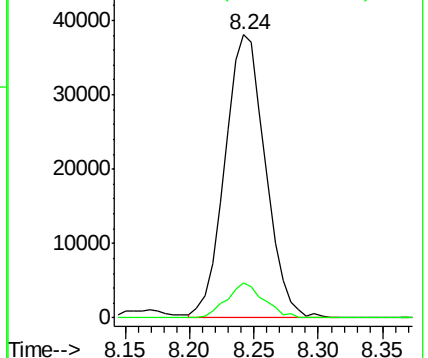
62 100

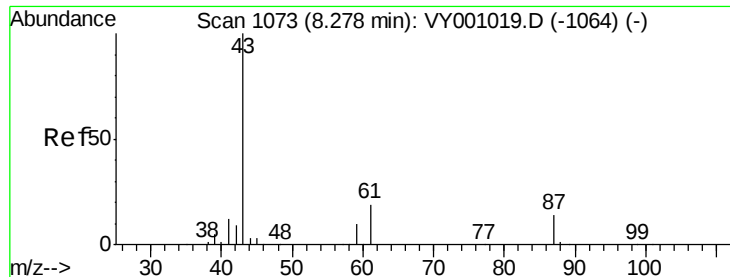
98 11.4 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY001019.D (-1060) (-)

Ion 97.90 (97.60 to 98.60): VY001019.D (-1060) (-)





#43

Isopropyl Acetate

Concen: 17.023 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

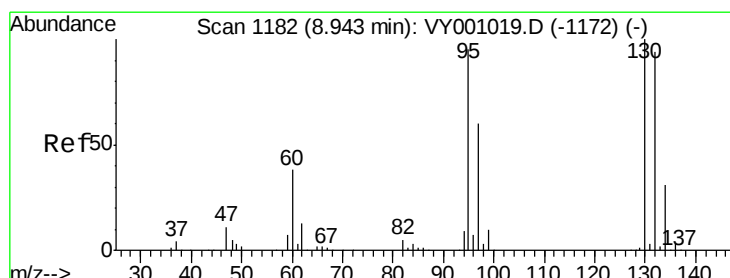
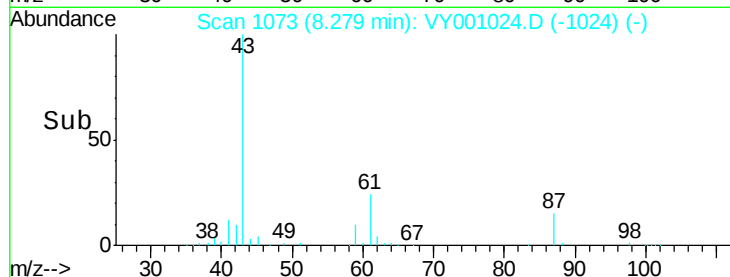
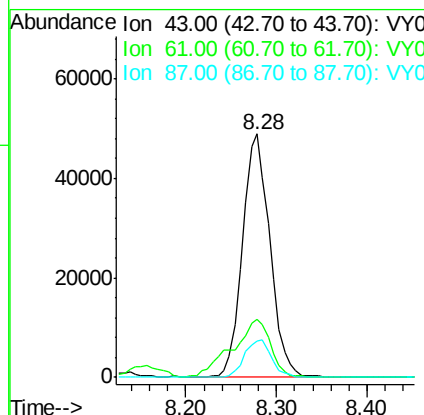
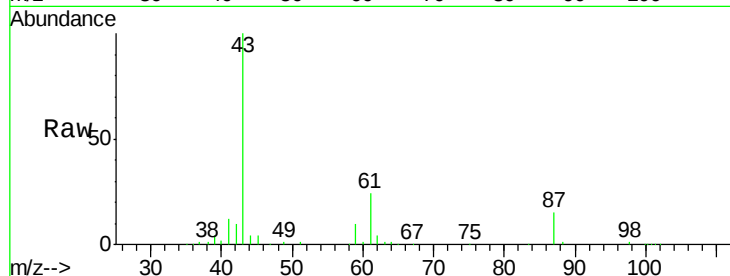
ClientSampleId :

VY1223SBS01

Tot Ion:	43	Resp:	102767
Ion	Ratio	Lower	Upper
43	100		
61	33.2	25.0	37.6
87	15.0	12.0	18.0

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#44

Trichloroethene

Concen: 19.908 ug/l

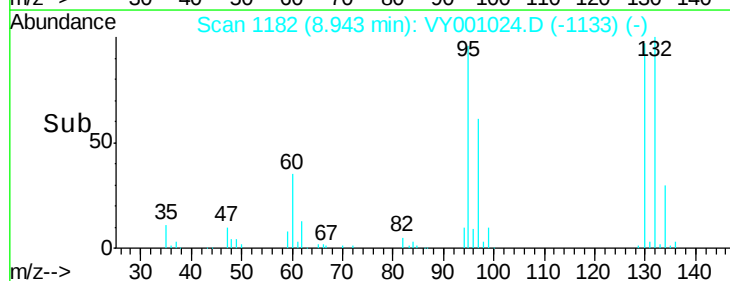
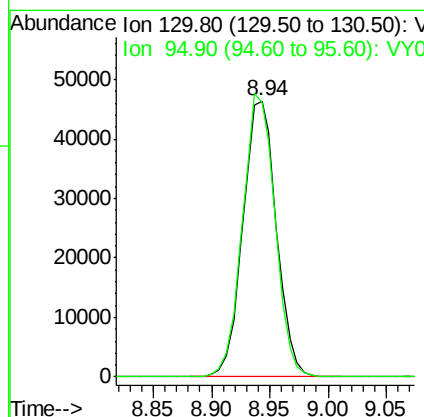
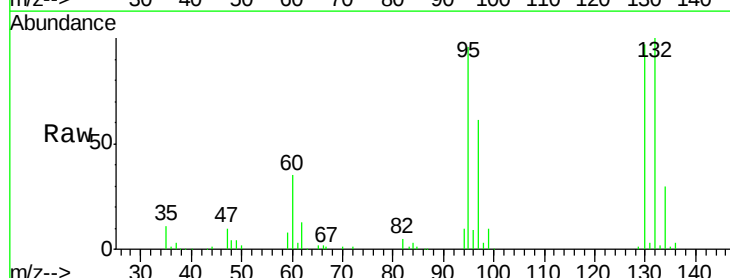
RT: 8.94 min Scan# 1182

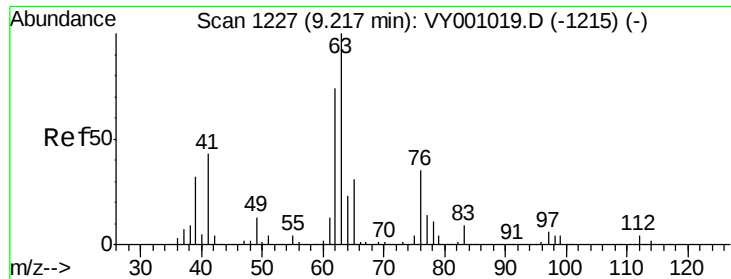
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	130	Resp:	93200
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	190.6





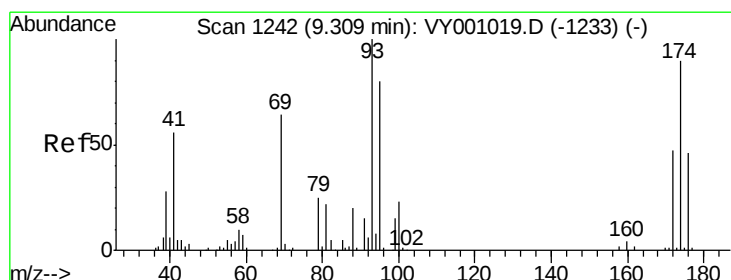
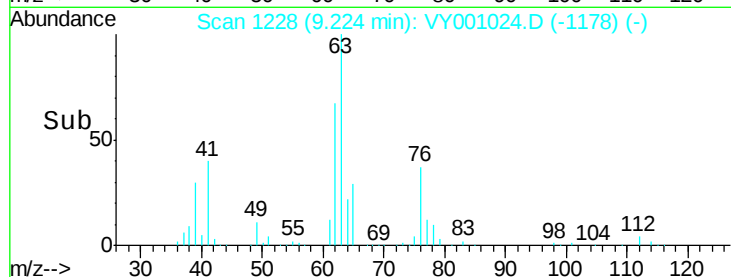
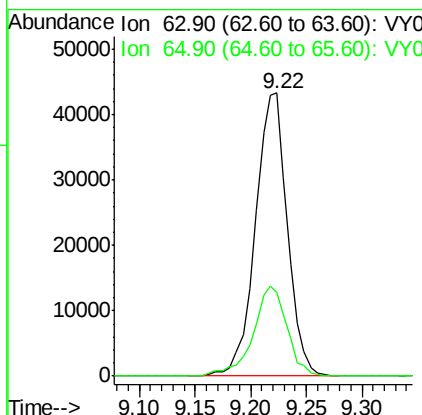
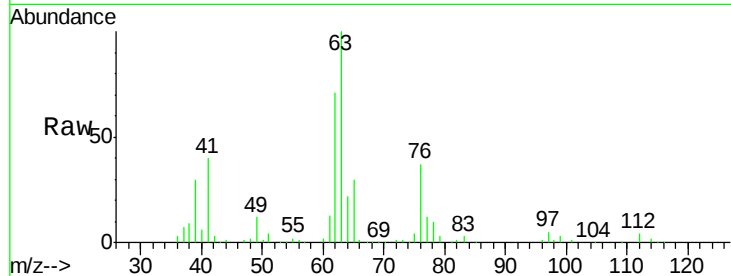
#45
 1,2-Dichloropropane
 Concen: 19.398 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion: 63 Resp: 86467
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.1 37.7

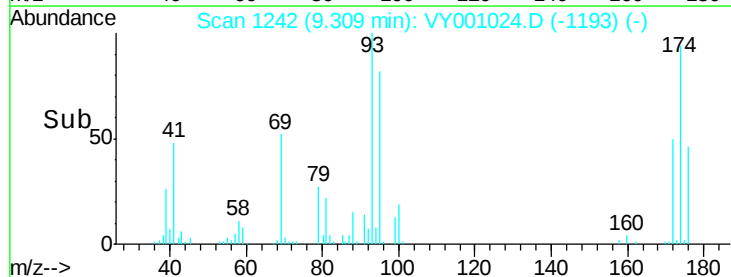
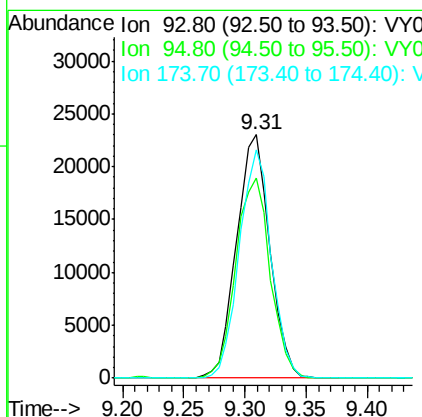
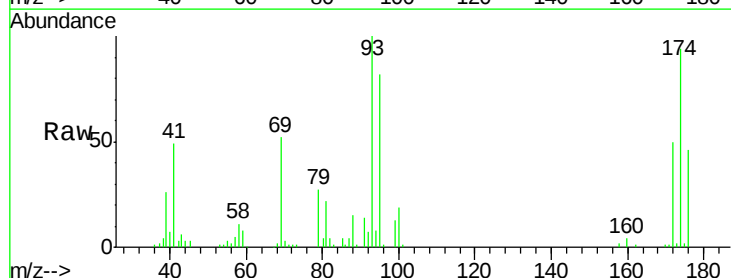
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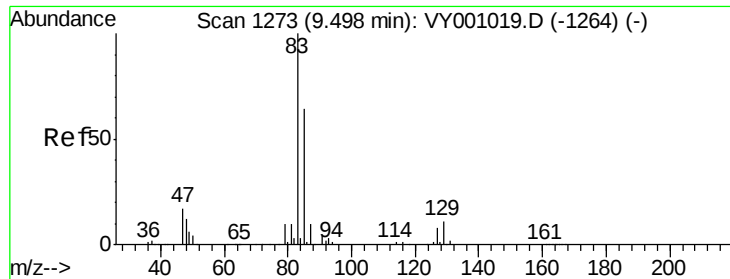
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#46
 Dibromomethane
 Concen: 18.967 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion: 93 Resp: 43582
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.7 100.1
 174 90.1 73.6 110.4





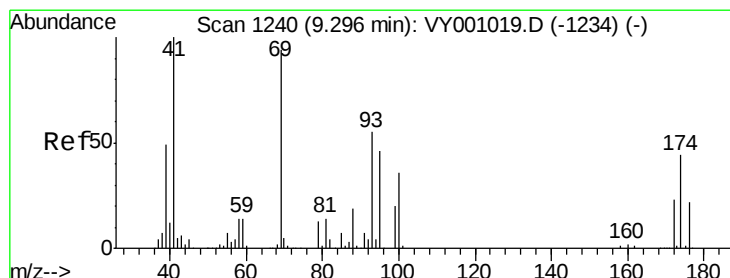
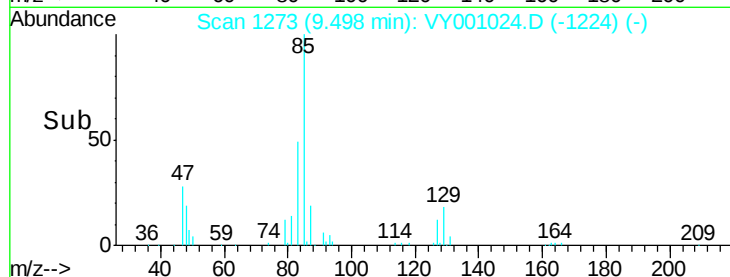
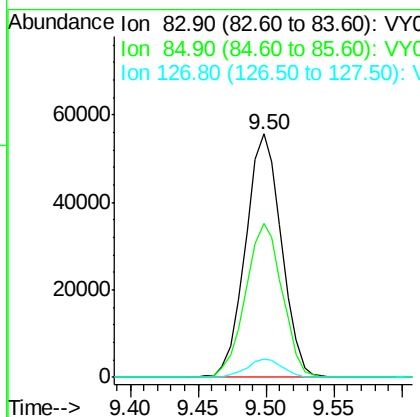
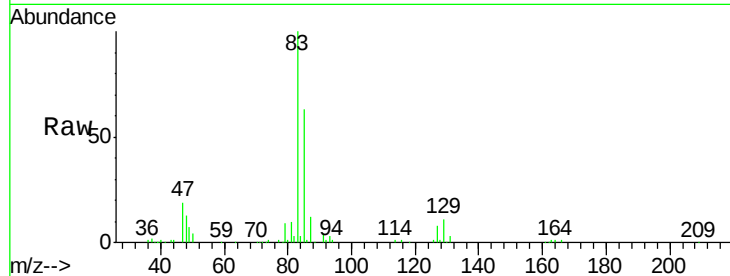
#47
Bromodichloromethane
Concen: 19.301 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	7.8	6.4	9.6

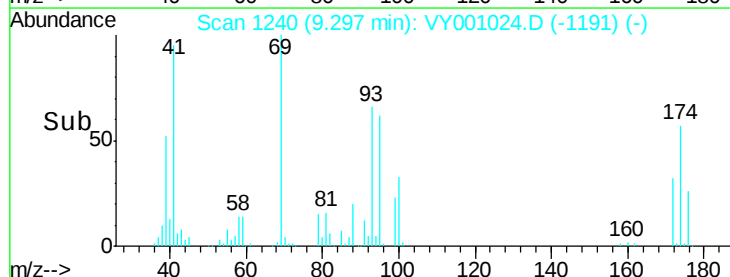
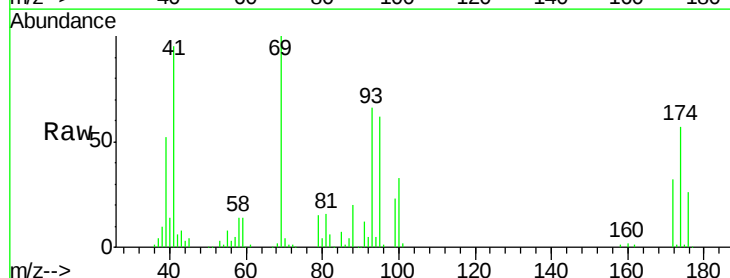
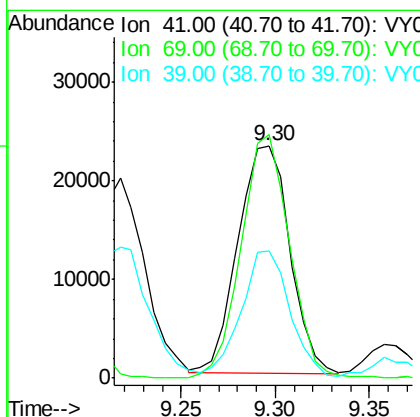
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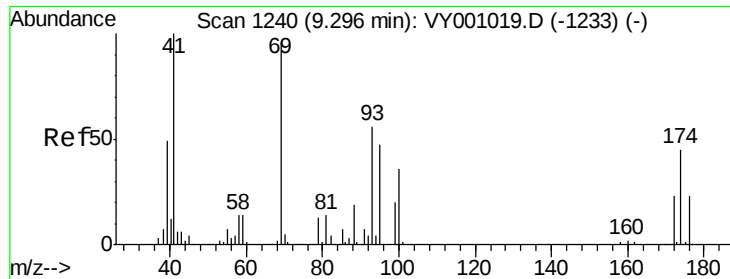
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#48
Methyl methacrylate
Concen: 17.023 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.3	79.8	119.6
39	53.3	41.7	62.5





#49

1,4-Dioxane

Concen: 305.806 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

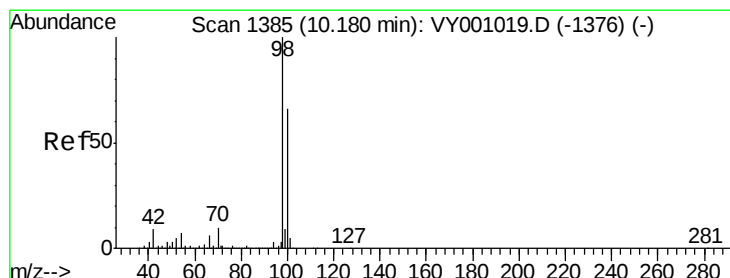
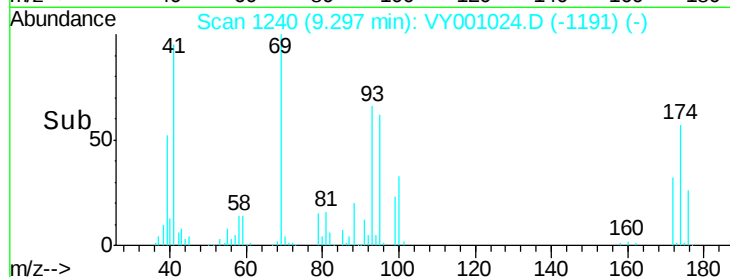
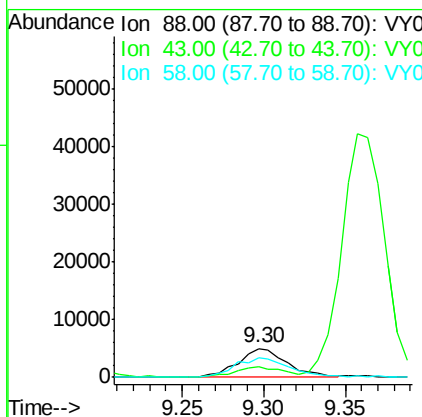
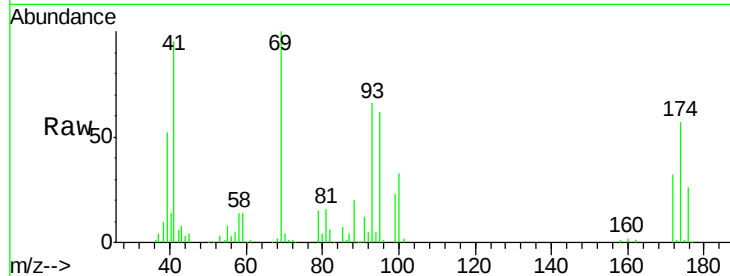
ClientSampleId :

VY1223SBS01

Tot Ion	88	Resp	10279
Ion	Ratio	Lower	Upper
88	100		
43	37.3	23.0	34.4#
58	78.5	54.9	82.3

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#50

Toluene-d8

Concen: 50.859 ug/l

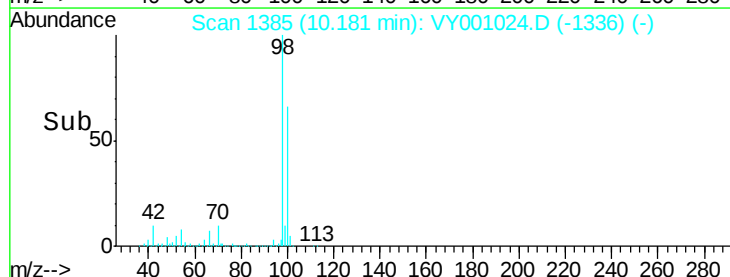
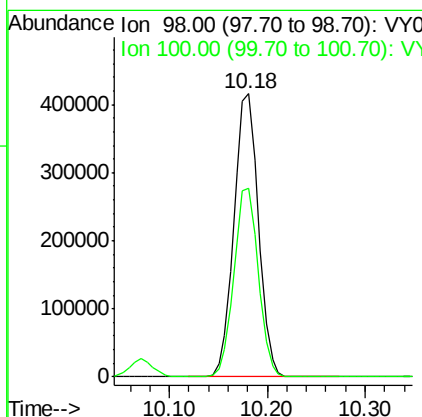
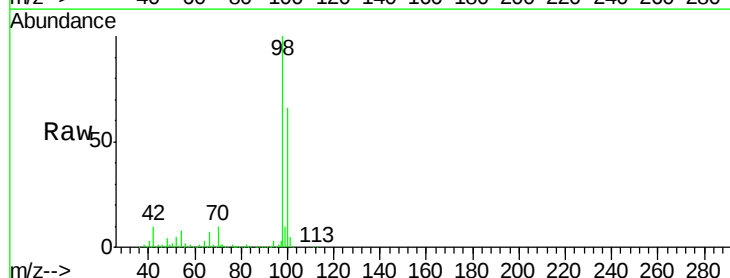
RT: 10.18 min Scan# 1385

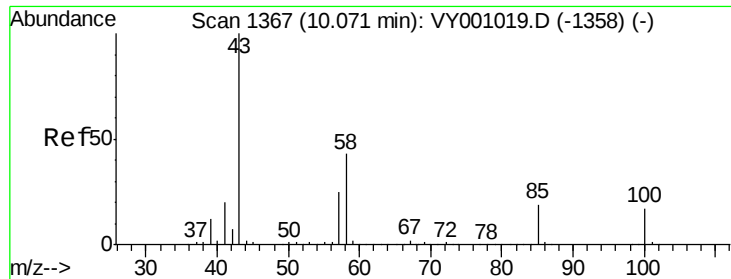
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion	98	Resp	722567
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4





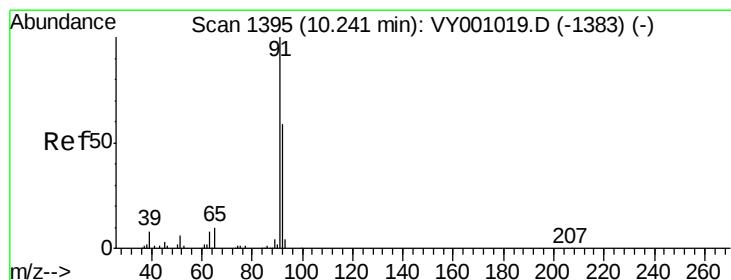
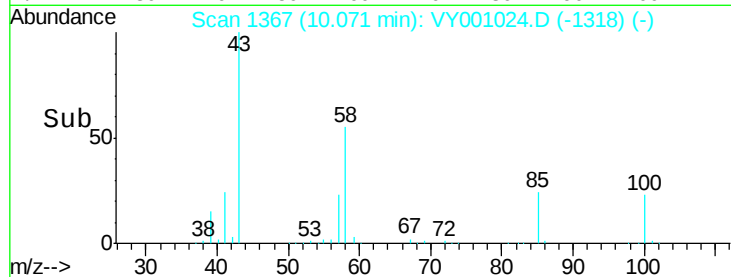
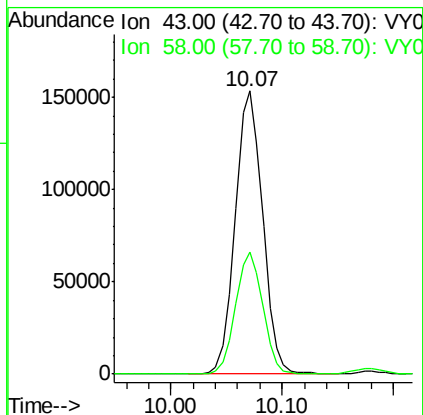
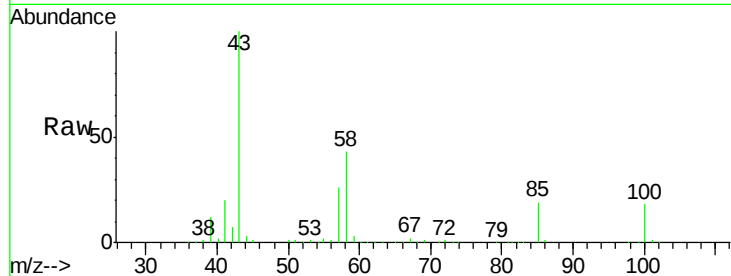
#51
4-Methyl-2-Pentanone
Concen: 83.004 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.0	34.6	52.0

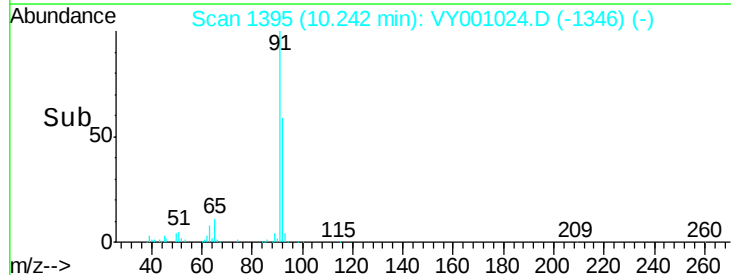
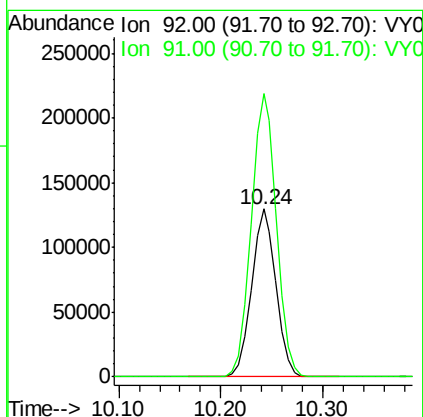
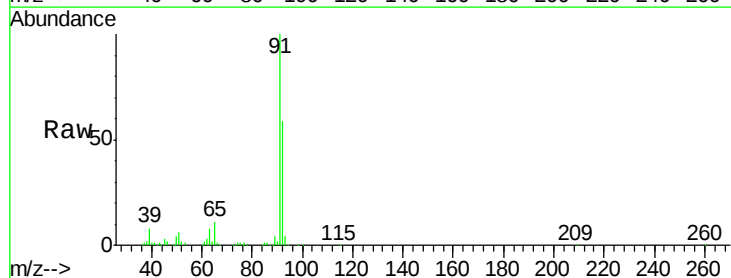
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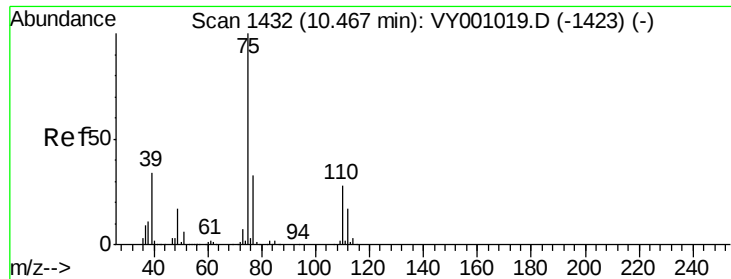
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#52
Toluene
Concen: 19.626 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.8	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 18.491 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 75 Resp: 106810

Ion Ratio Lower Upper

75 100

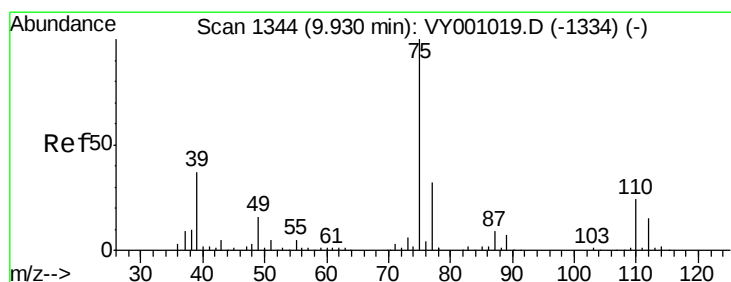
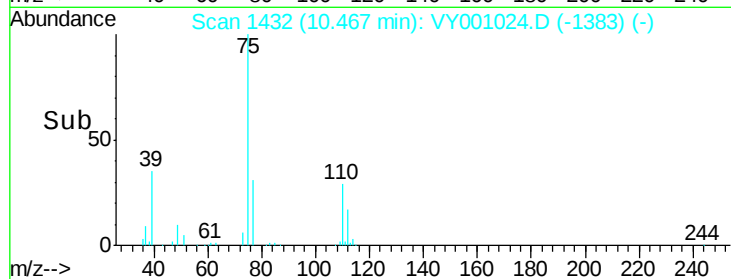
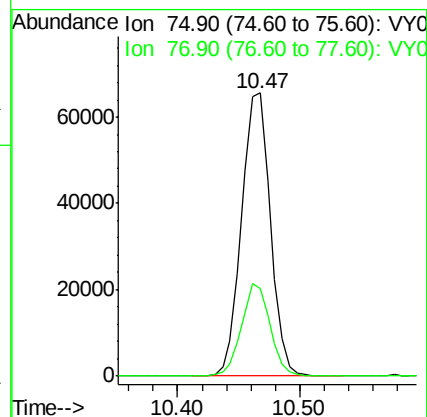
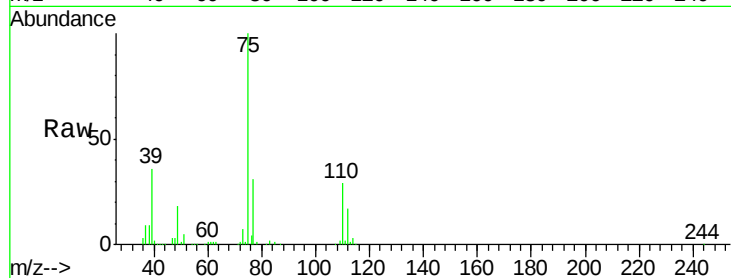
77 30.9 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 19.452 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

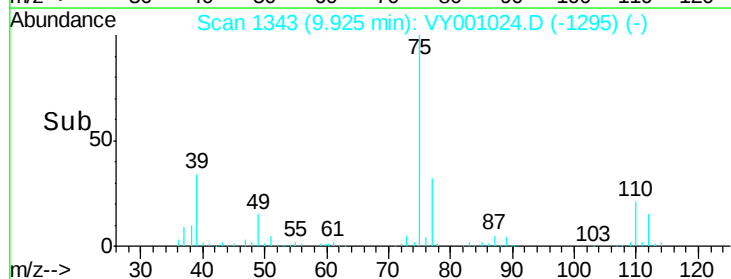
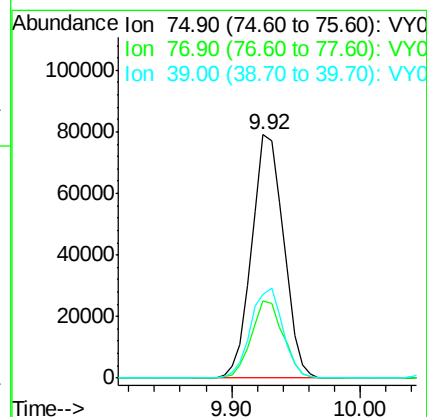
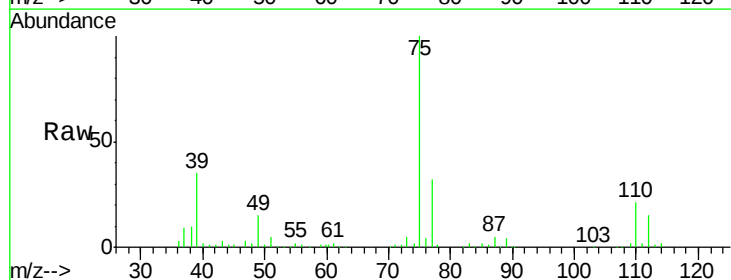
Tgt Ion: 75 Resp: 135114

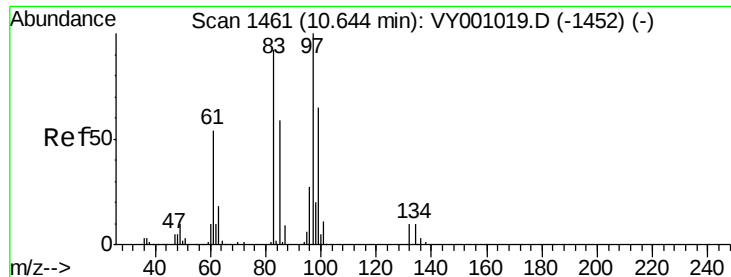
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 34.5 29.5 44.3





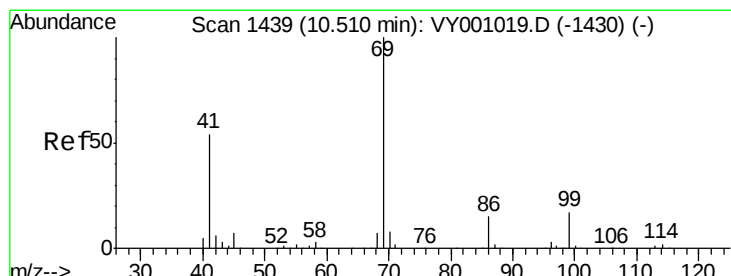
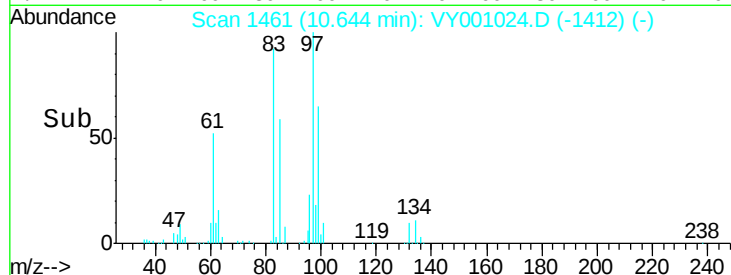
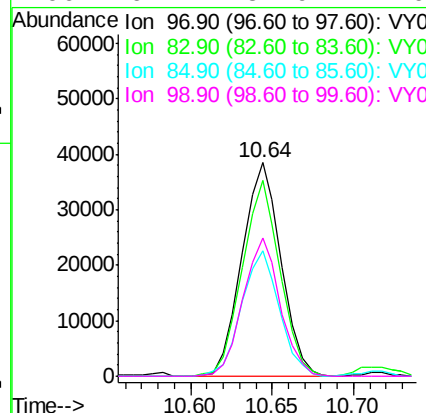
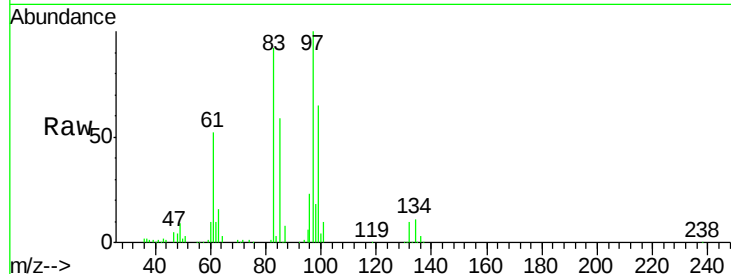
#55
 1,1,2-Trichloroethane
 Concen: 18.653 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		63987		
83	92.0	73.7	110.5		
85	58.8	47.3	70.9		
99	64.7	51.9	77.9		

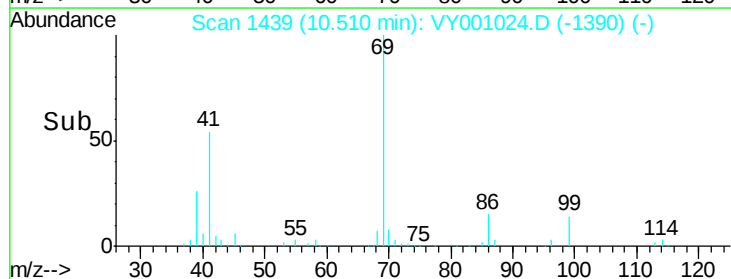
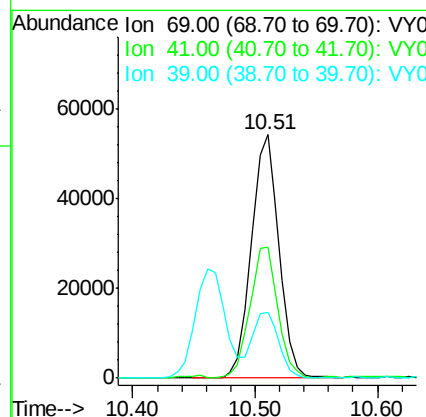
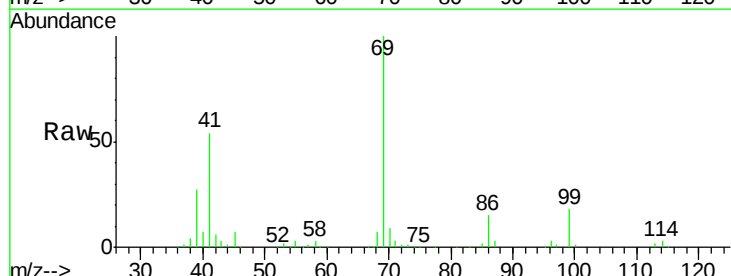
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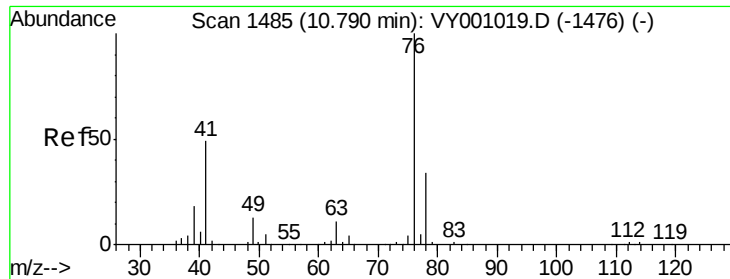
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#56
 Ethyl methacrylate
 Concen: 17.466 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		85272		
41	53.7	44.7	67.1		
39	27.2	22.2	33.4		





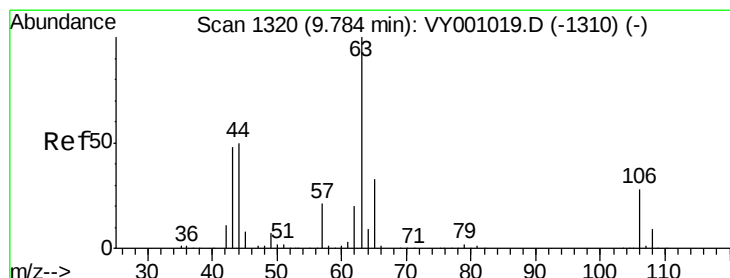
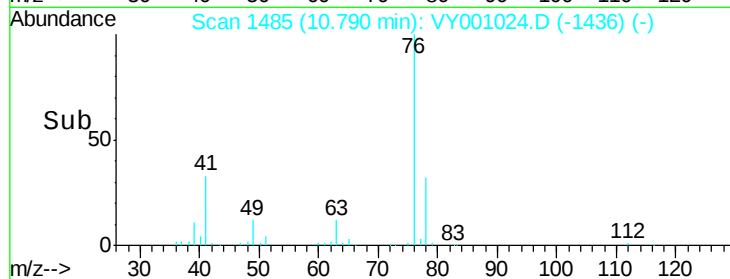
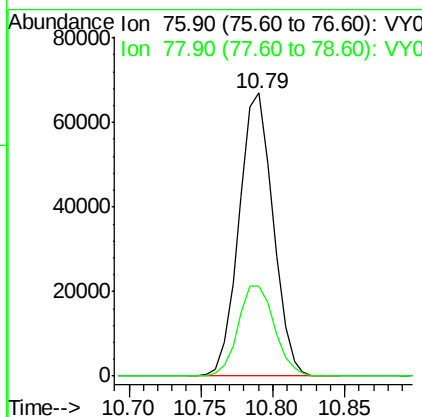
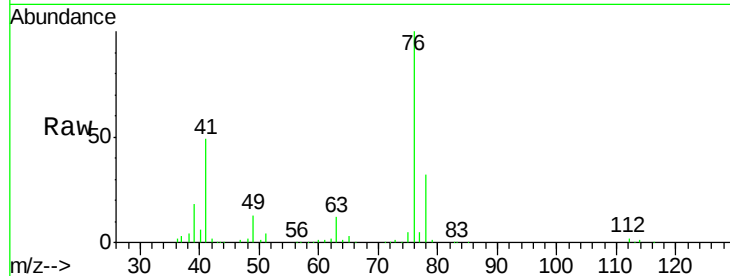
#57
 1,3-Dichloropropane
 Concen: 18.264 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.1	25.8	38.8

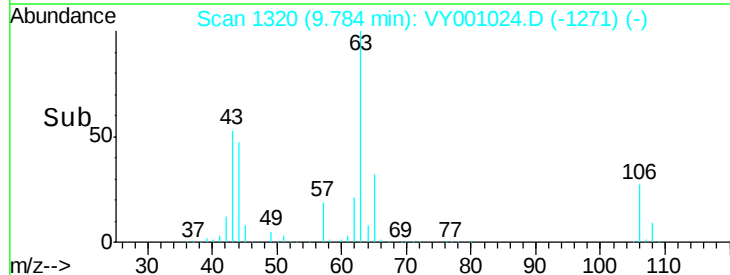
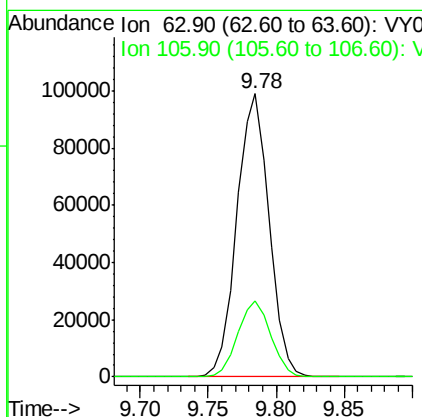
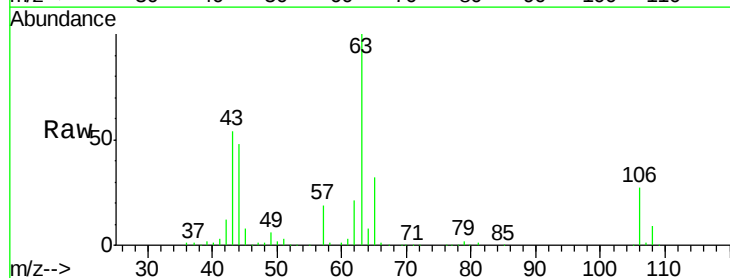
Manual Integrations
 APPROVED

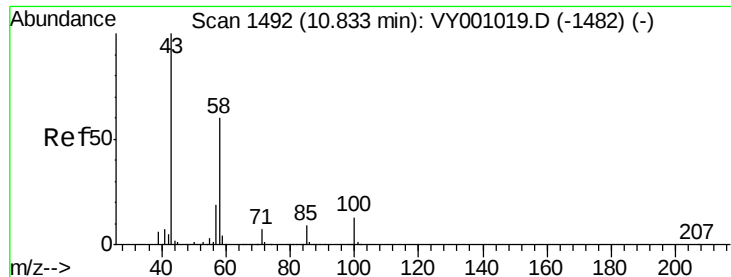
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 86.814 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.7	34.1





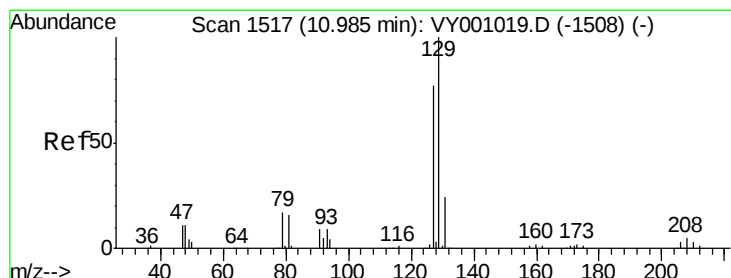
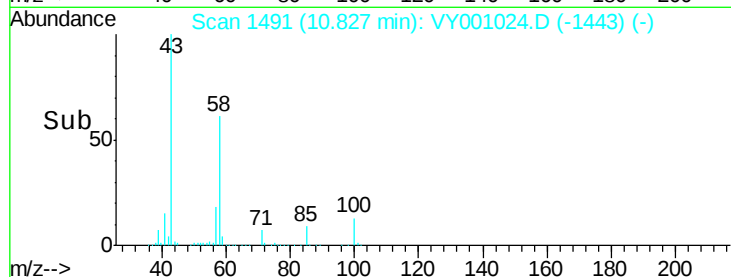
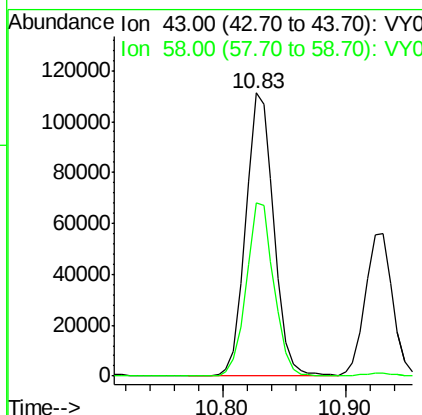
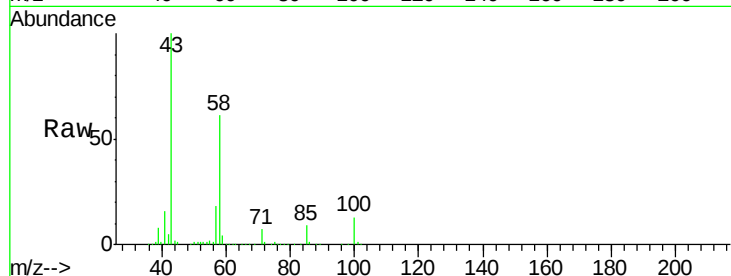
#59
2-Hexanone
Concen: 81.325 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 43 Resp: 177064
Ion Ratio Lower Upper
43 100
58 60.4 30.6 91.6

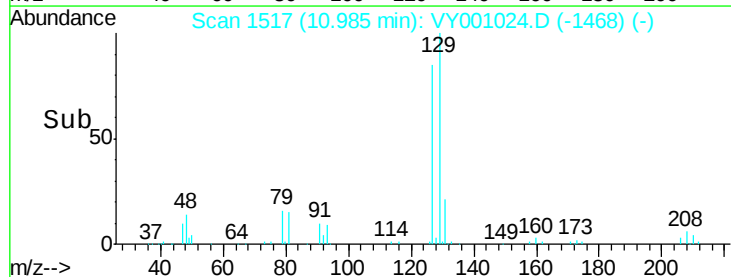
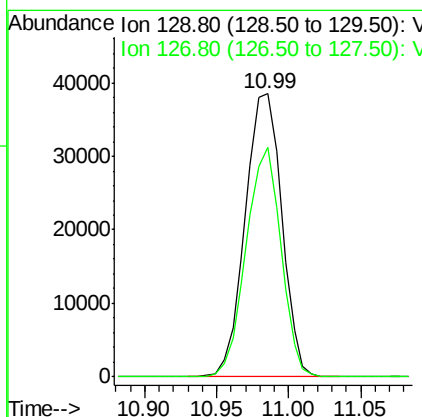
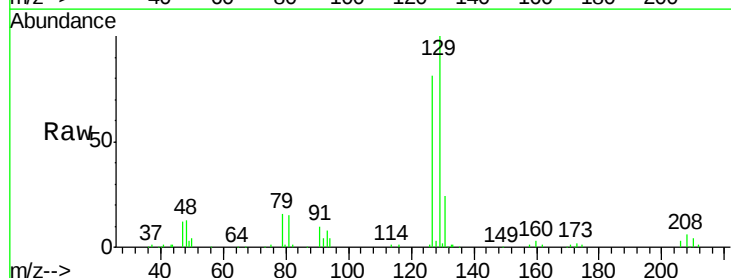
Manual Integrations
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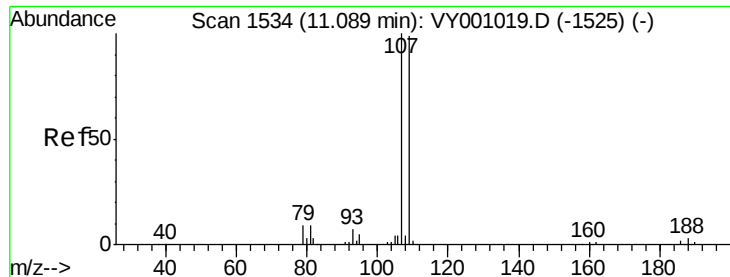
apatel
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#60
Dibromochloromethane
Concen: 18.522 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 129 Resp: 67868
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





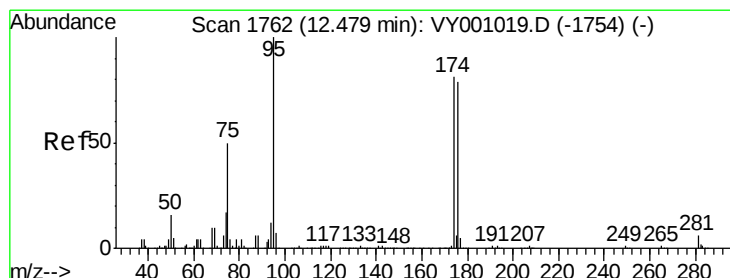
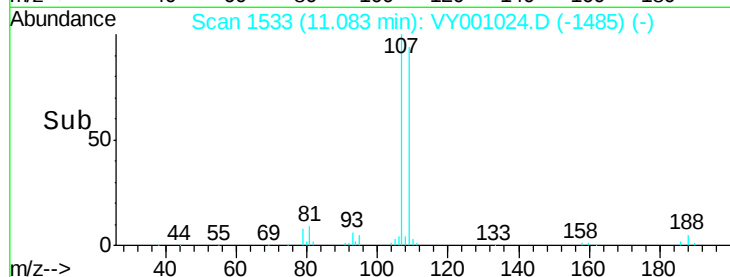
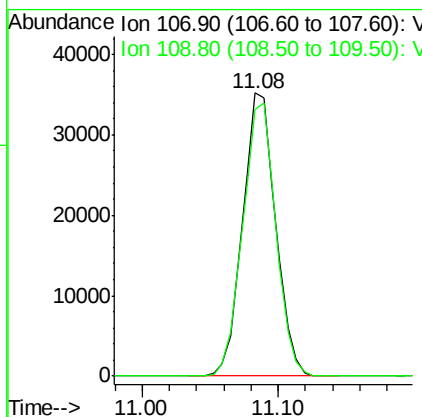
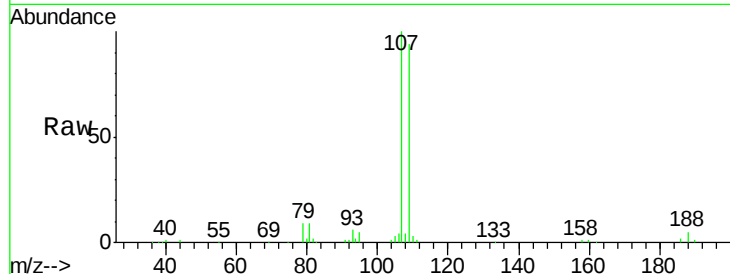
#61
 1,2-Dibromoethane
 Concen: 18.220 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	74.8	112.2

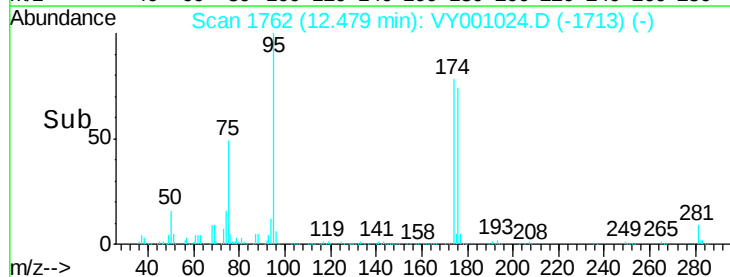
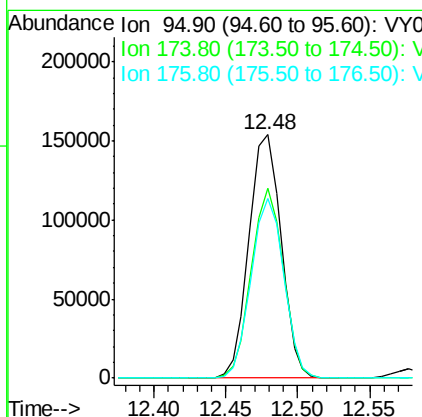
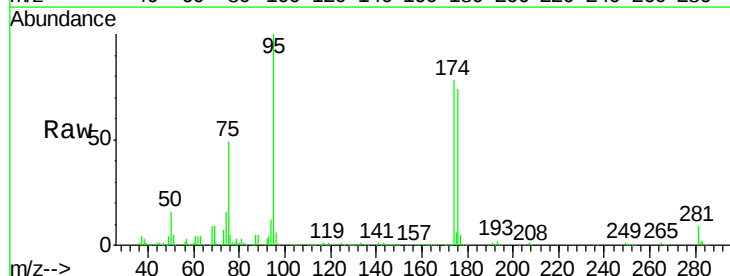
Manual Integrations
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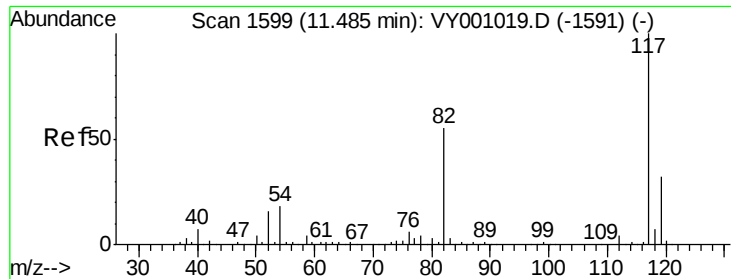
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.918 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	156.4
176	74.7	0.0	155.0





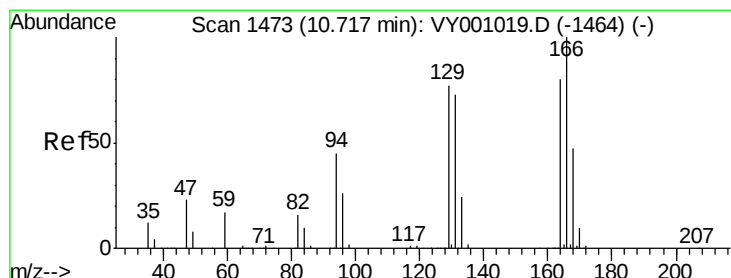
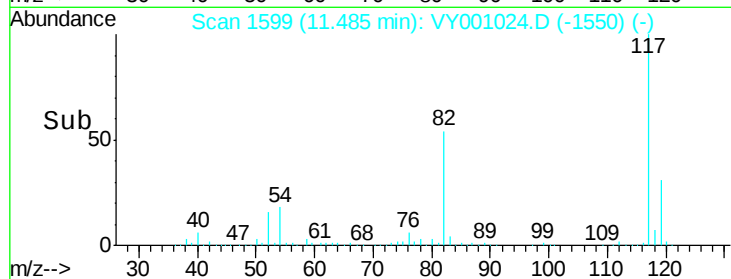
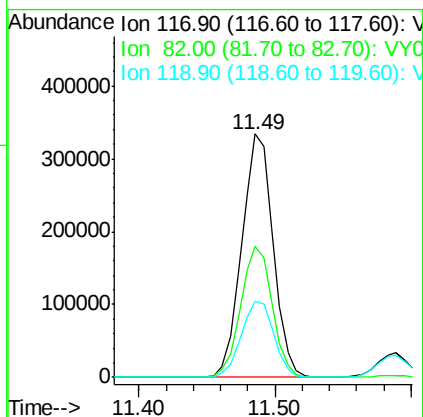
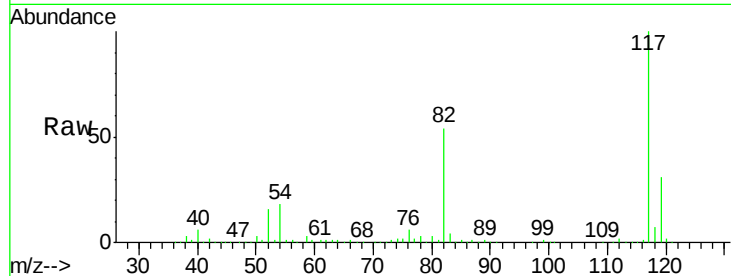
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	537205		
82	53.6	43.8	65.8	
119	31.0	25.8	38.6	

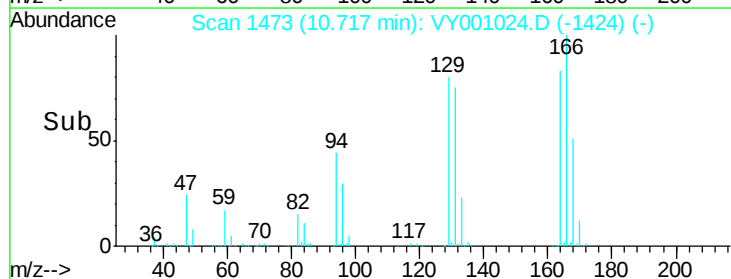
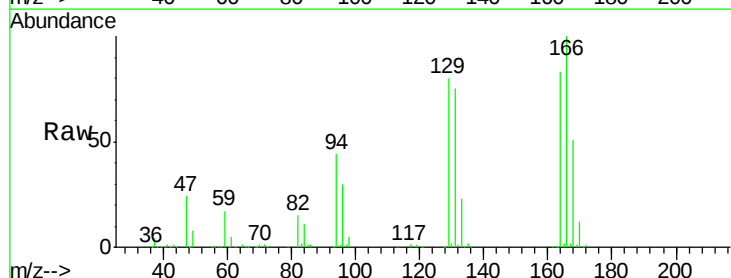
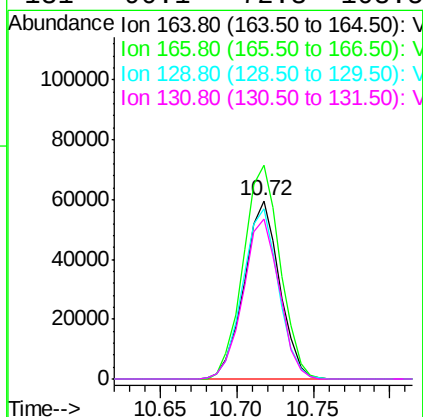
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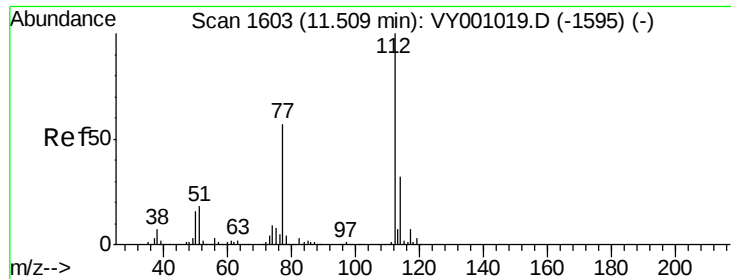
apatel
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#64
Tetrachloroethene
Concen: 20.593 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95718		
166	119.8	99.7	149.5	
129	95.4	76.9	115.3	
131	90.1	72.3	108.5	





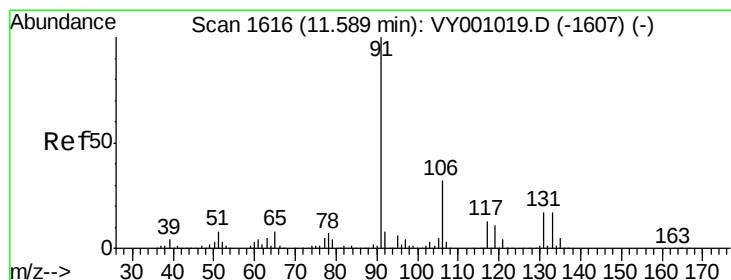
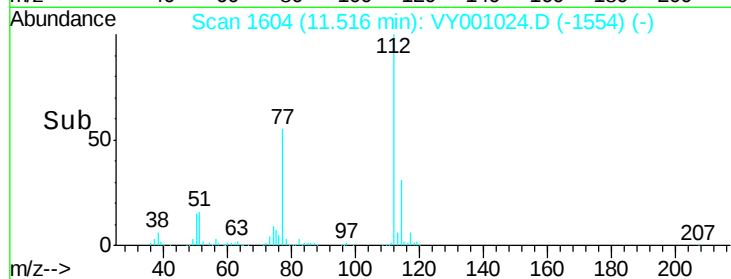
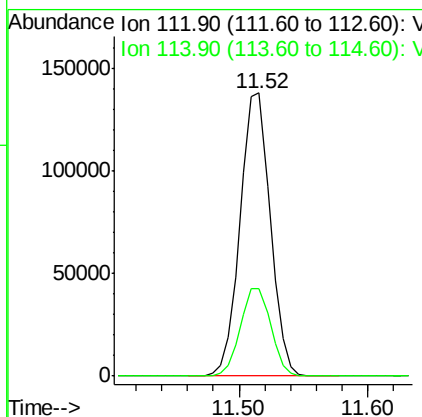
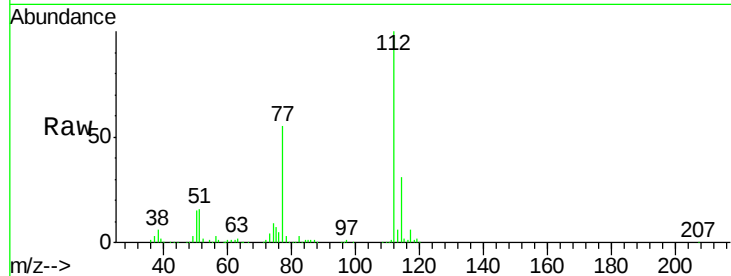
#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.4	38.2

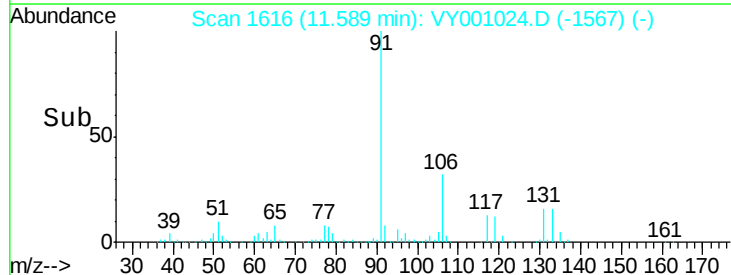
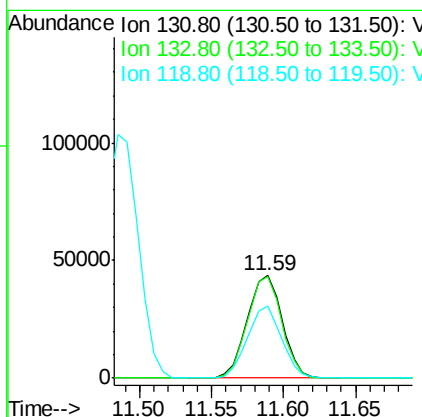
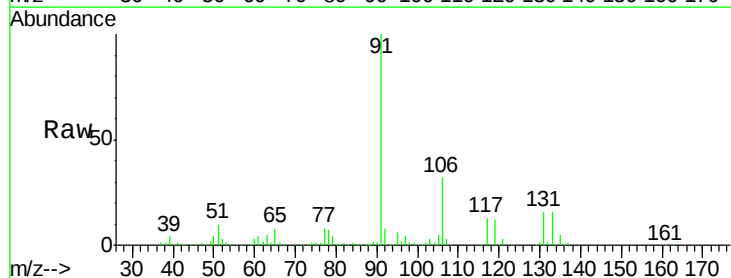
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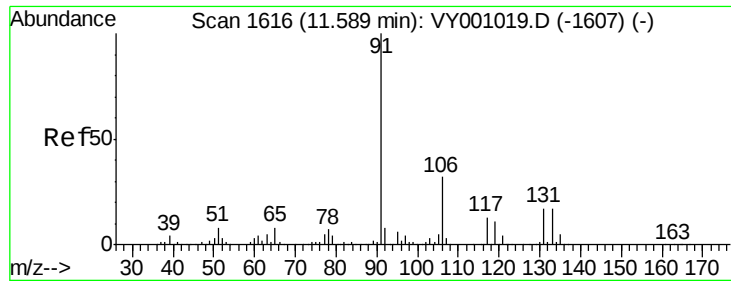
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.933 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.1	144.4
119	68.7	34.0	101.8





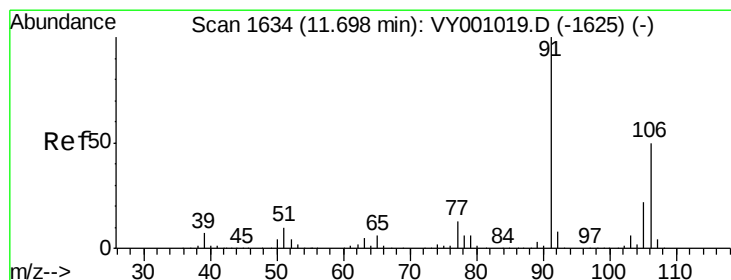
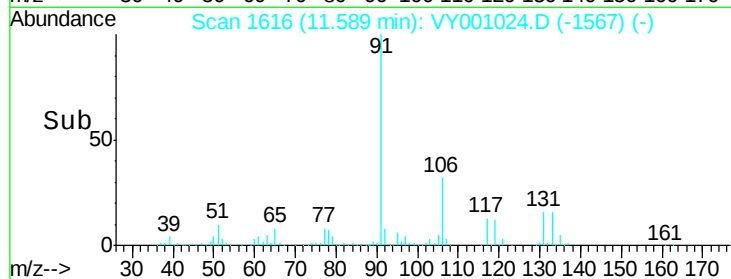
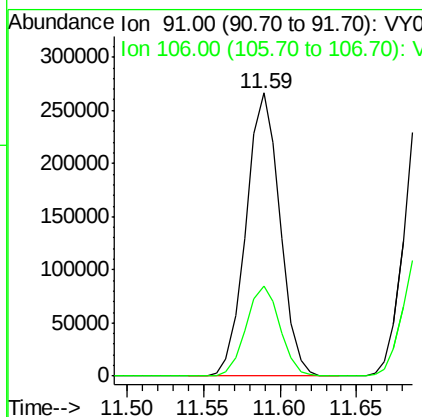
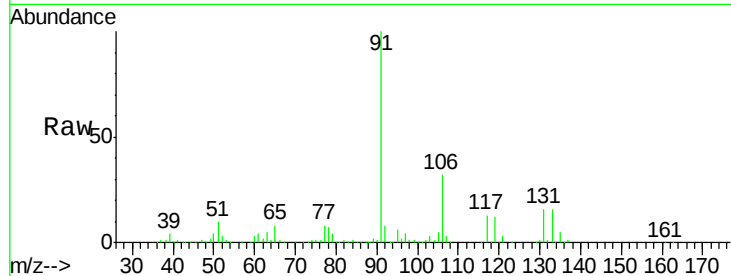
#67
Ethyl Benzene
Concen: 20.437 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 91 Resp: 409621
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9

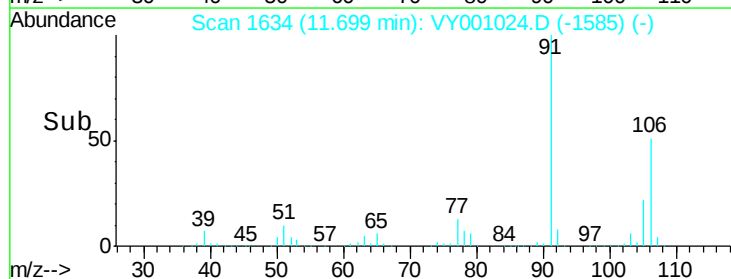
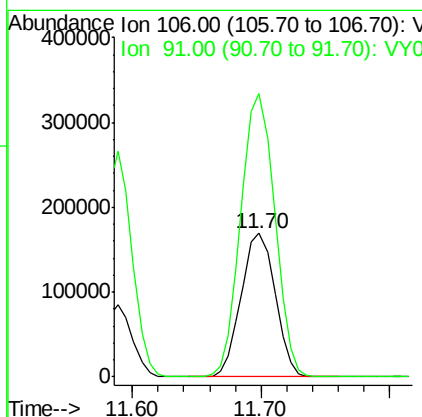
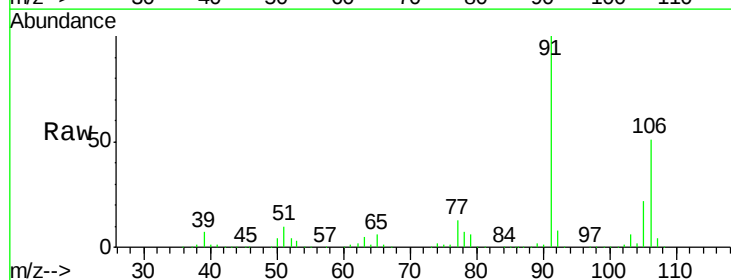
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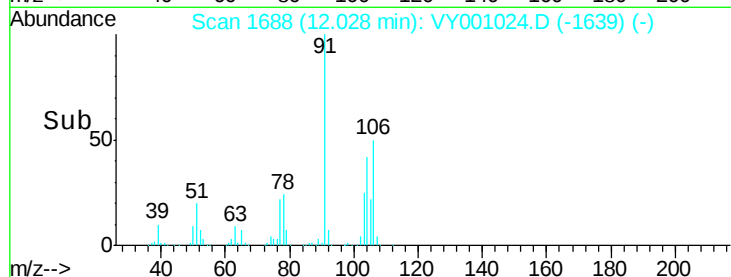
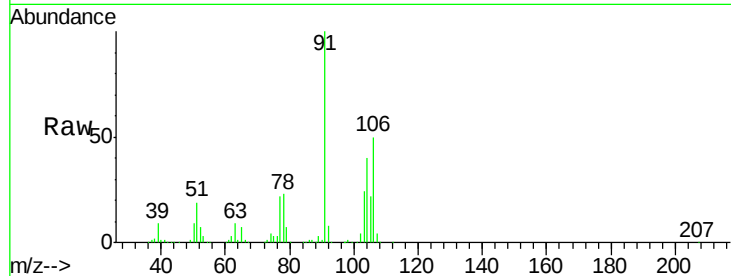
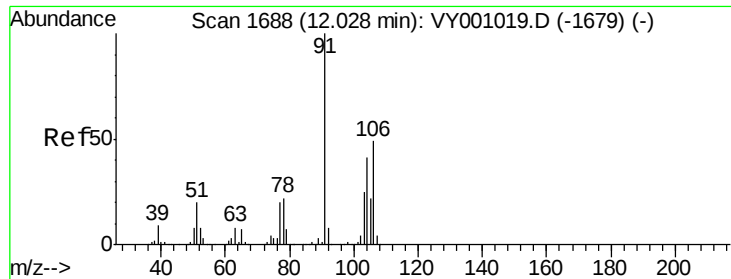
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#68
m/p-Xylenes
Concen: 40.860 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 106 Resp: 310956
Ion Ratio Lower Upper
106 100
91 196.8 156.4 234.6





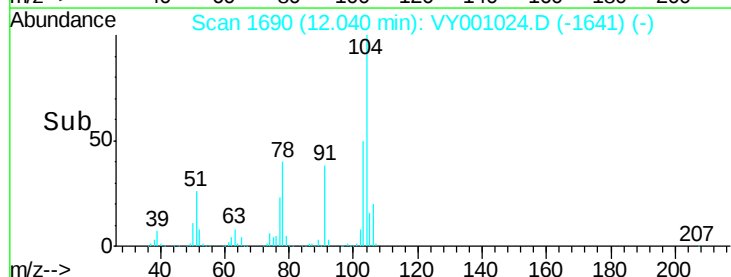
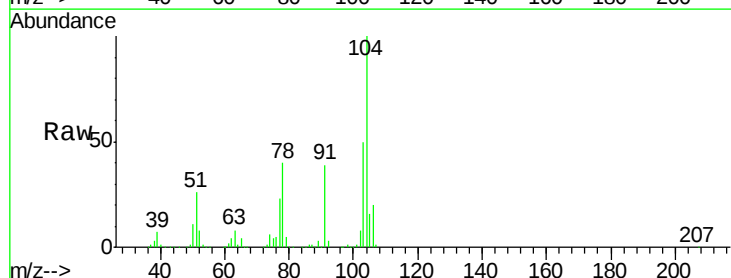
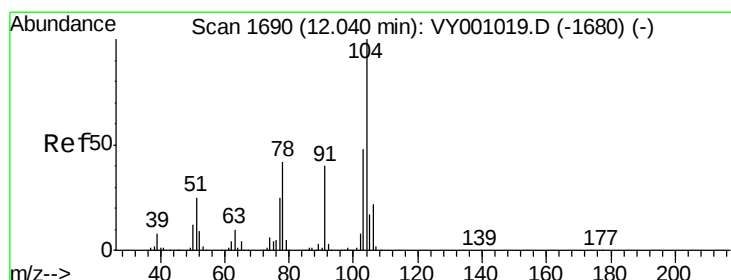
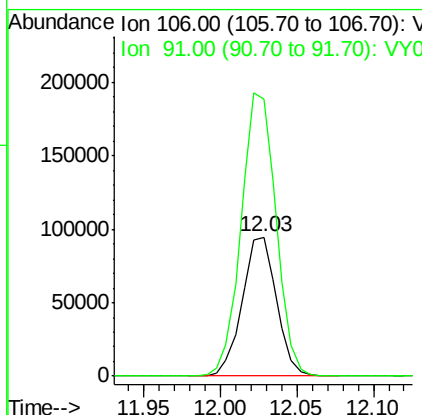
#69
o-Xylene
Concen: 20.585 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tot Ion:106 Resp: 147378
Ion Ratio Lower Upper
106 100
91 206.4 103.0 309.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

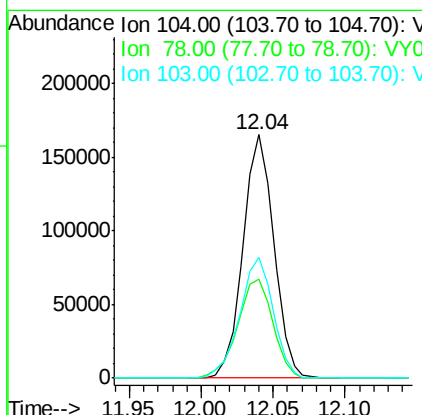
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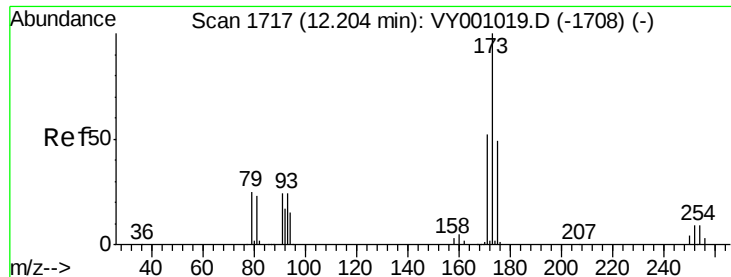
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#70
Styrene
Concen: 20.104 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion:104 Resp: 244741
Ion Ratio Lower Upper
104 100
78 46.7 36.6 54.8
103 54.2 42.6 64.0





#71

Bromoform

Concen: 18.575 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion:173 Resp: 38033

Ion Ratio Lower Upper

173 100

175 46.7 24.5 73.5

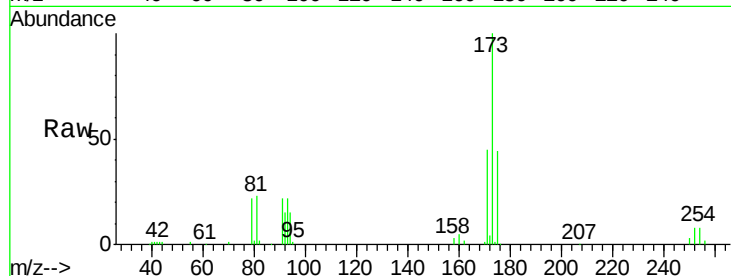
254 0.1 0.0 0.0#

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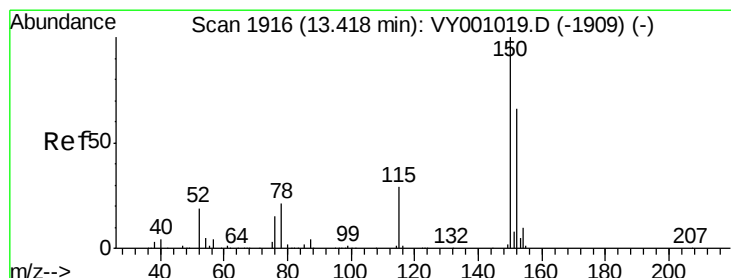
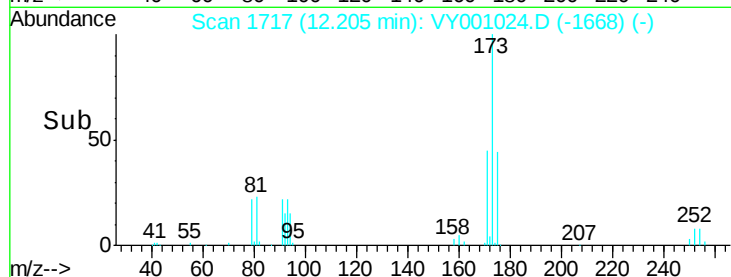
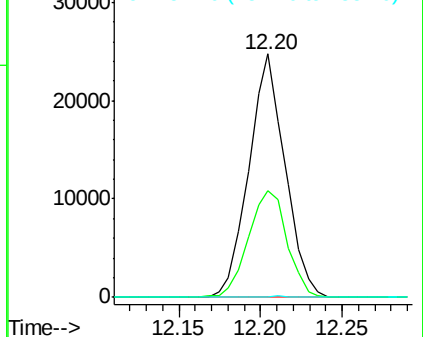
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

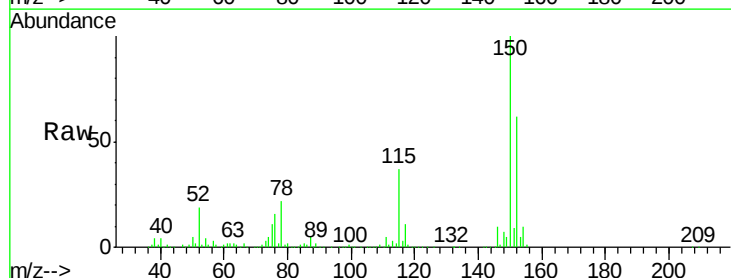
Tgt Ion:152 Resp: 246226

Ion Ratio Lower Upper

152 100

115 58.7 29.8 89.3

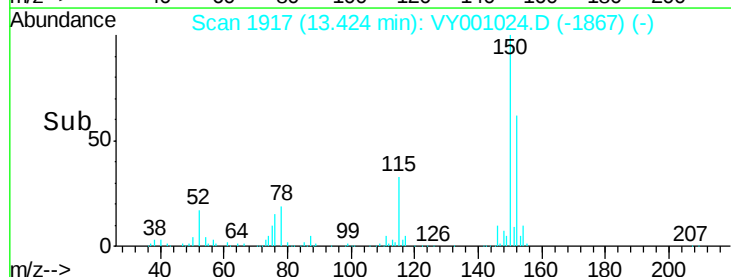
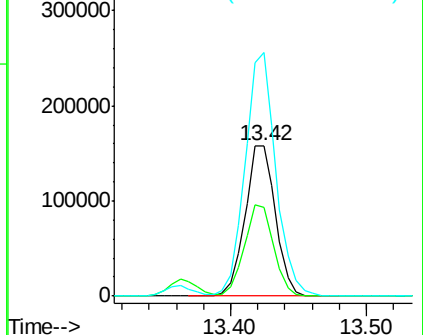
150 163.7 0.0 352.6

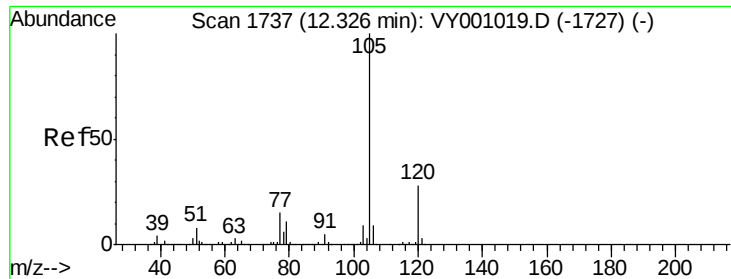


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.688 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 105 Resp: 394184

Ion Ratio Lower Upper

105 100

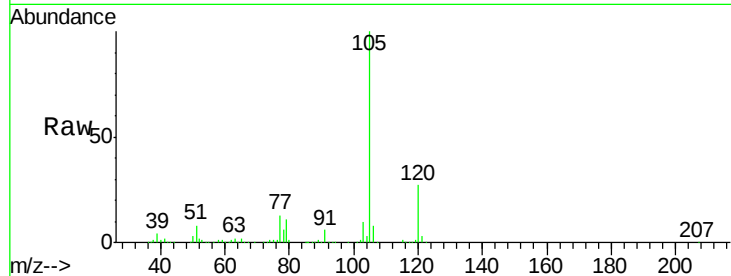
120 26.8 13.4 40.2

Manual Integrations

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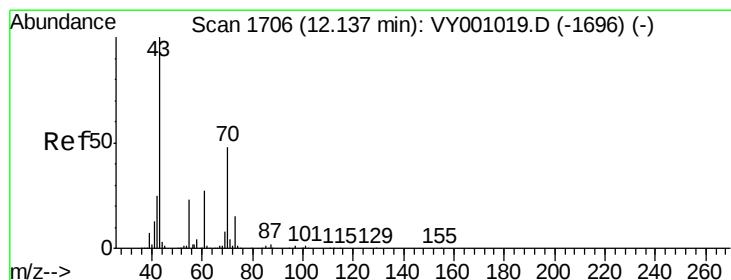
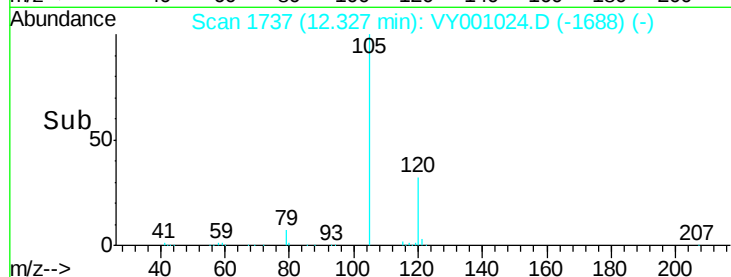
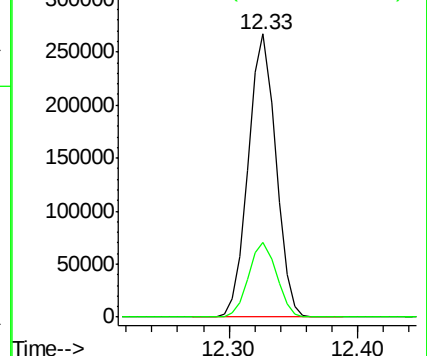
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.875 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion: 43 Resp: 89477

Ion Ratio Lower Upper

43 100

70 47.6 39.0 58.6

55 24.6 19.5 29.3

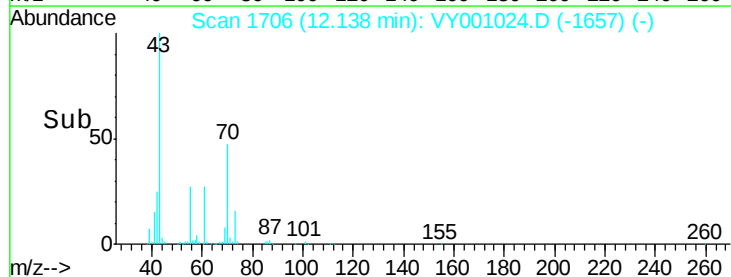
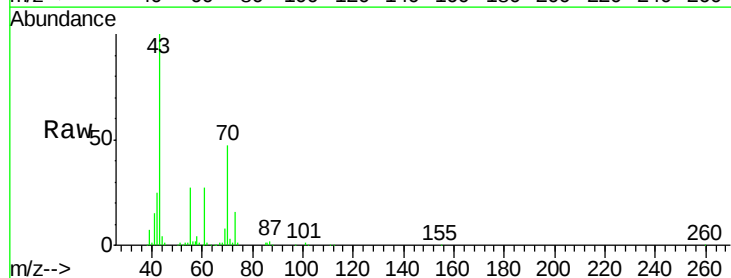
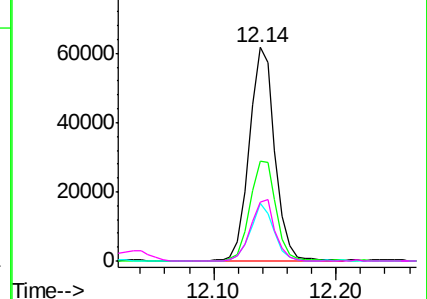
61 27.2 22.0 33.0

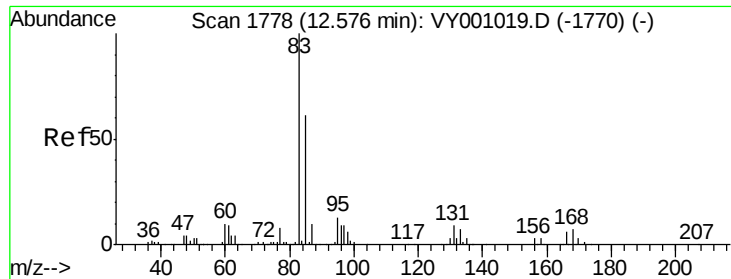
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.724 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

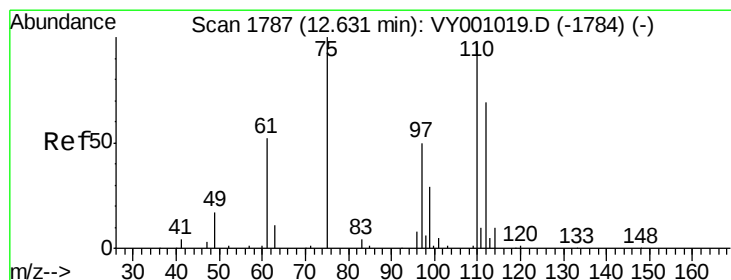
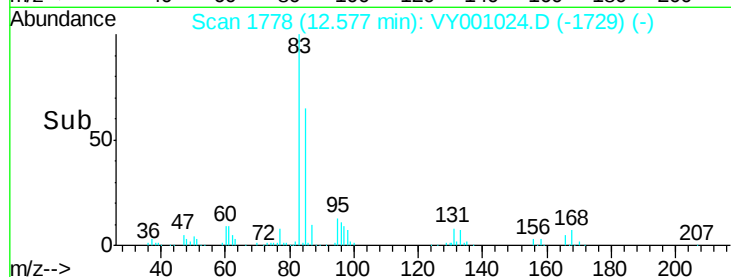
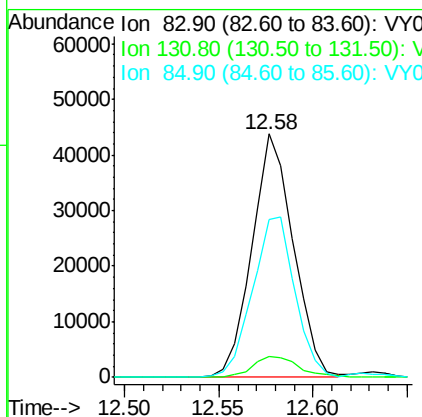
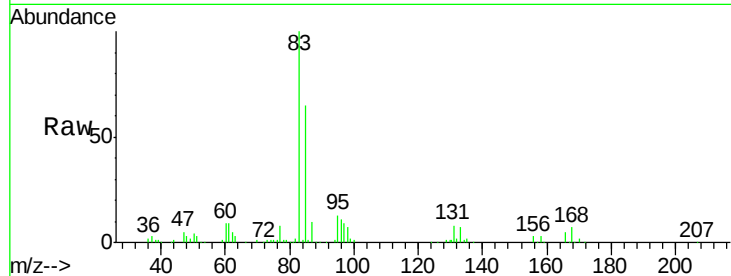
ClientSampleId :

VY1223SBS01

Tot Ion:	83	Resp:	66529
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	67.5	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 14.566 ug/l m

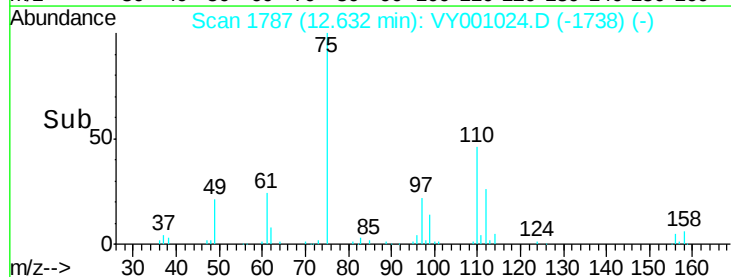
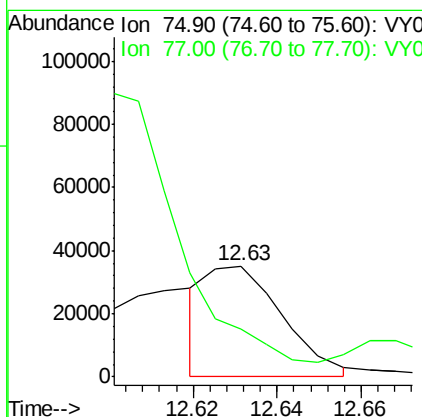
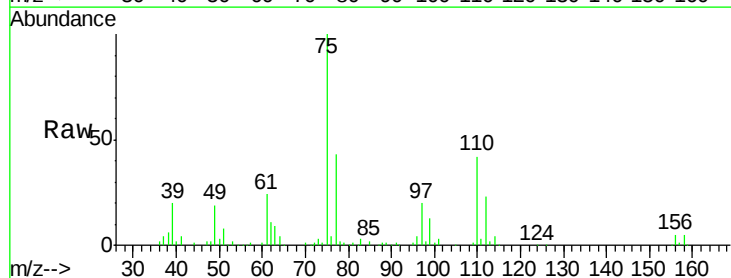
RT: 12.63 min Scan# 1787

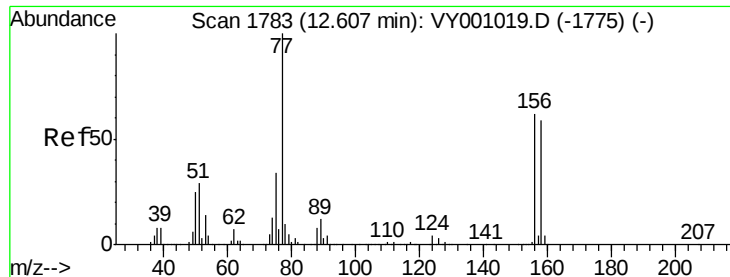
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	75	Resp:	44216
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.475 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

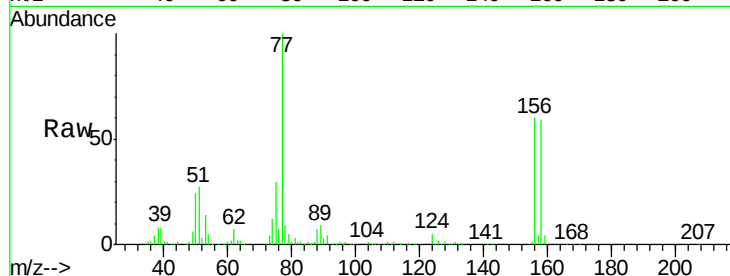
ClientSampleId :

VY1223SBS01

Tot Ion:	156	Resp:	83457
Ion Ratio	Lower	Upper	
156	100		
77	196.7	98.0	294.1
158	99.0	48.5	145.6

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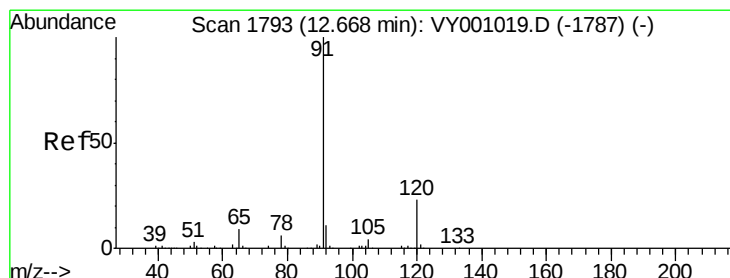
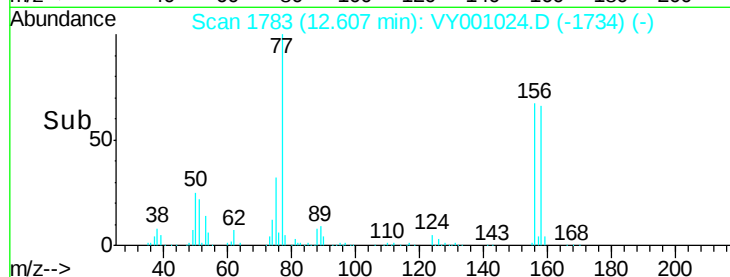
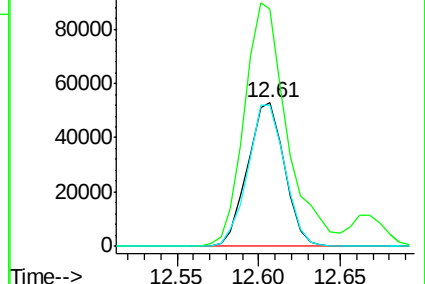
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.409 ug/l

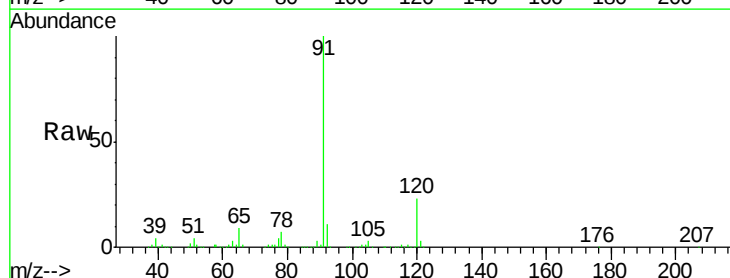
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001024.D

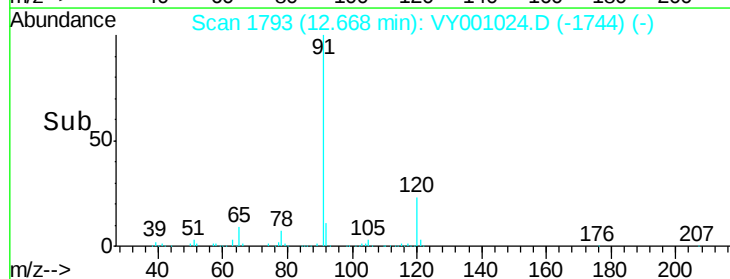
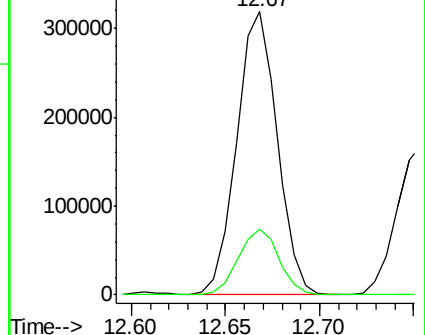
Acq: 23 Dec 2019 13:39

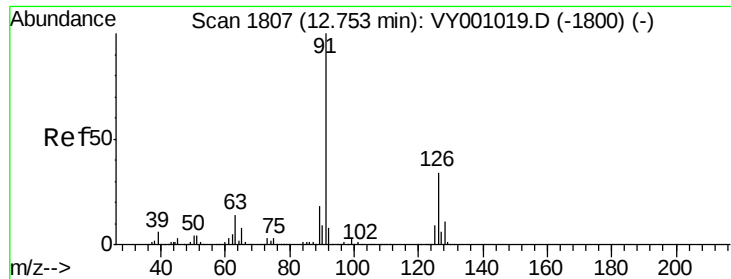
Tgt Ion:	91	Resp:	473845
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





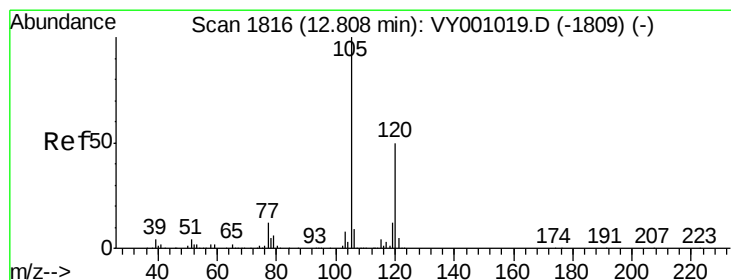
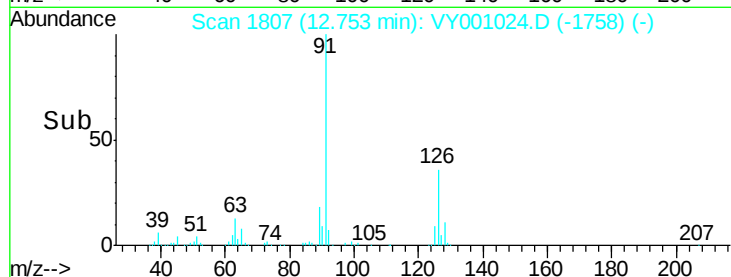
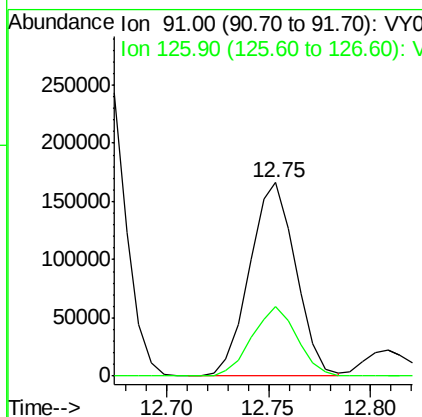
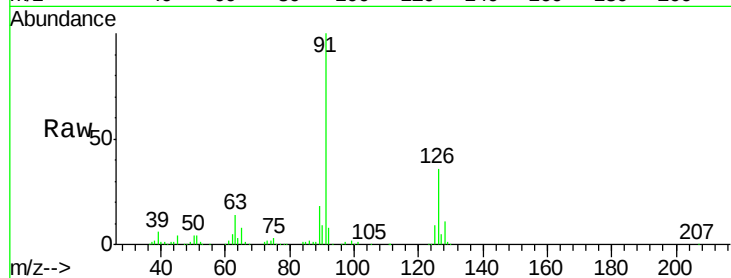
#79
2-Chlorotoluene
Concen: 20.342 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 91 Resp: 260826
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

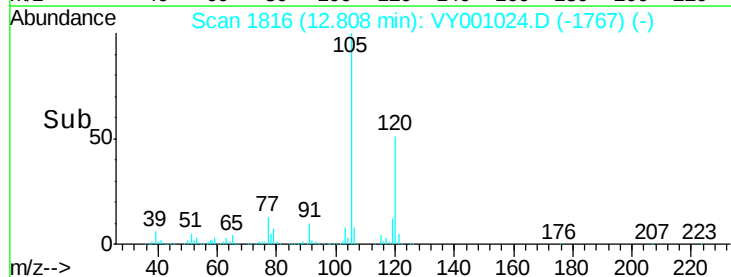
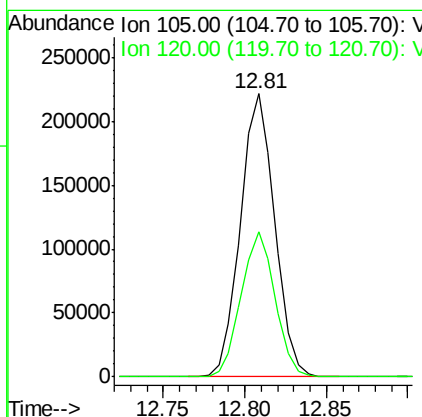
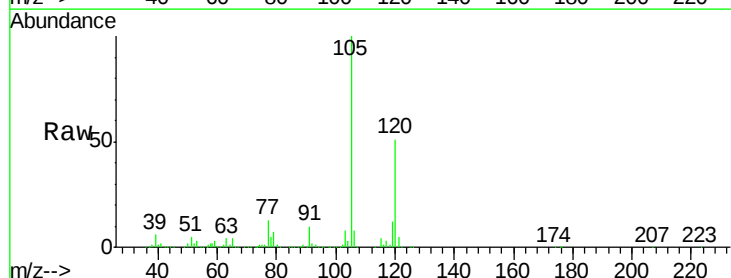
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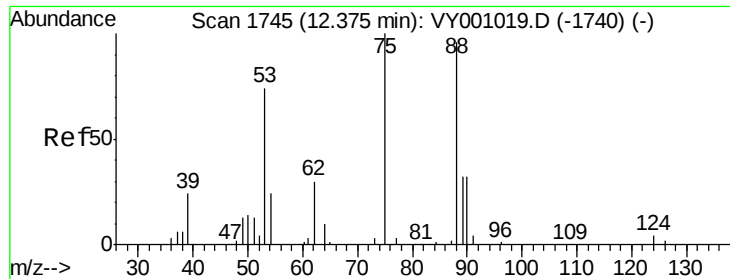
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#80
1,3,5-Trimethylbenzene
Concen: 20.685 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 105 Resp: 323075
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.579 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

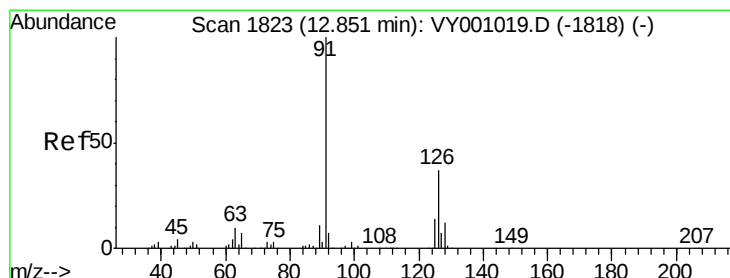
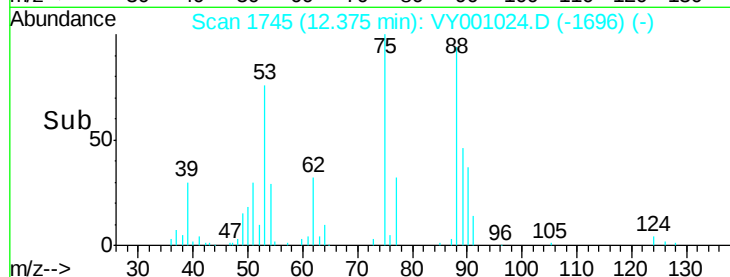
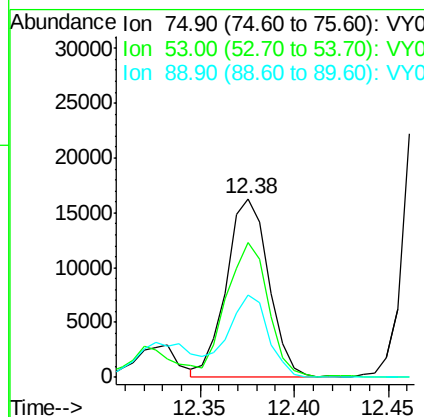
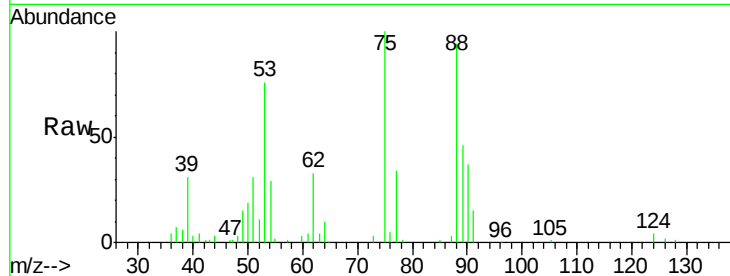
ClientSampleId :

VY1223SBS01

Tot Ion:	75	Resp:	25019
Ion Ratio	Lower	Upper	
75	100		
53	73.7	60.6	91.0
89	44.7	35.4	53.0

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#82

4-Chlorotoluene

Concen: 20.231 ug/l

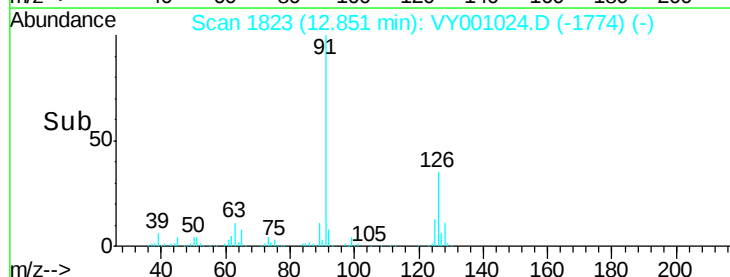
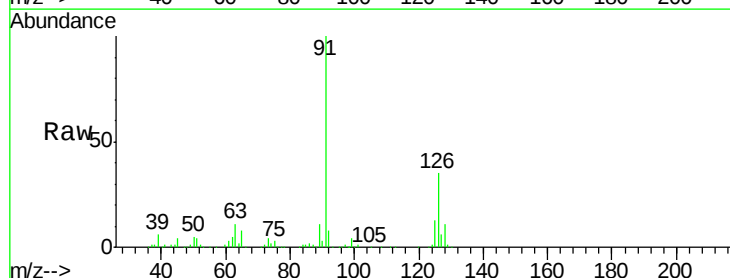
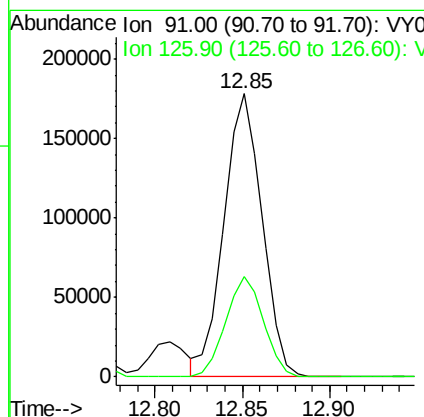
RT: 12.85 min Scan# 1823

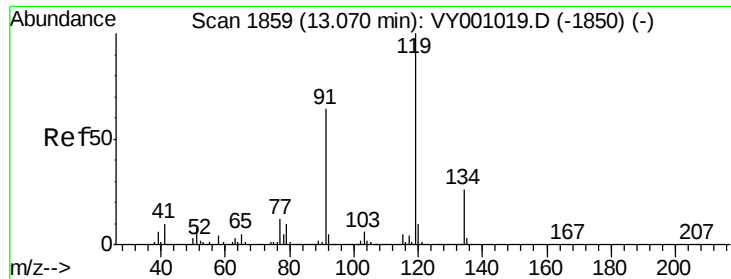
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	91	Resp:	269432
Ion Ratio	Lower	Upper	
91	100		
126	35.1	17.6	52.8





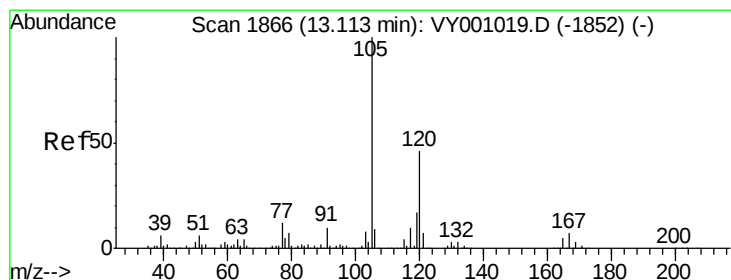
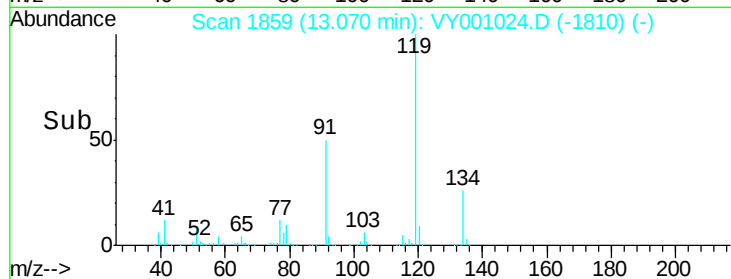
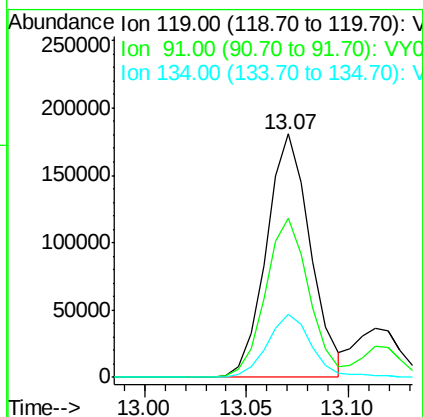
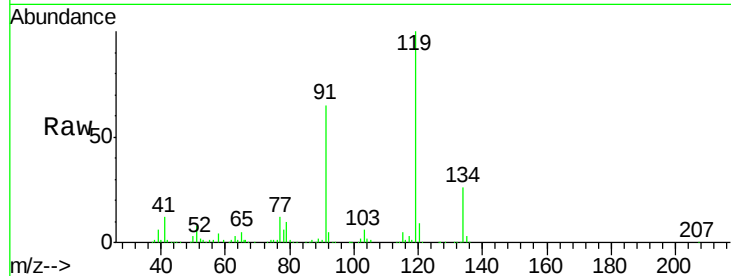
#83
tert-Butylbenzene
Concen: 20.669 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	270987		
91	64.4	31.9	95.7	
134	26.4	13.6	40.7	

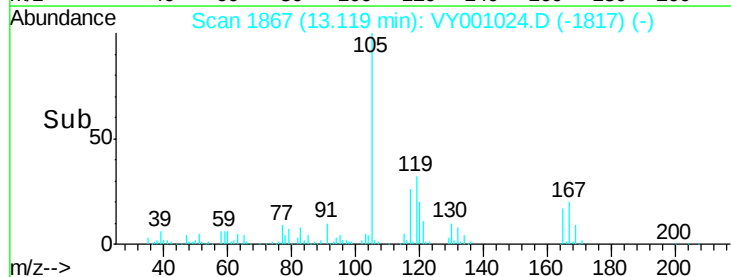
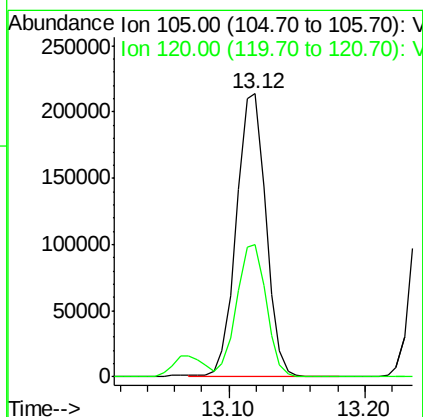
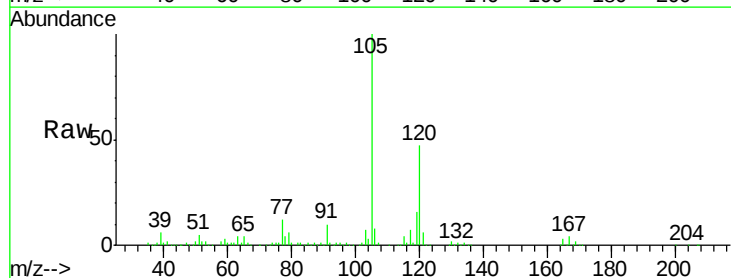
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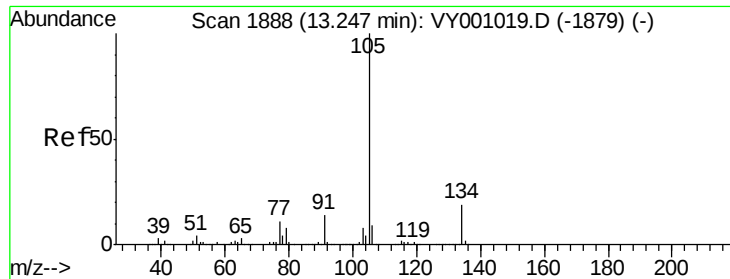
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.611 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323489		
120	46.9	23.4	70.2	





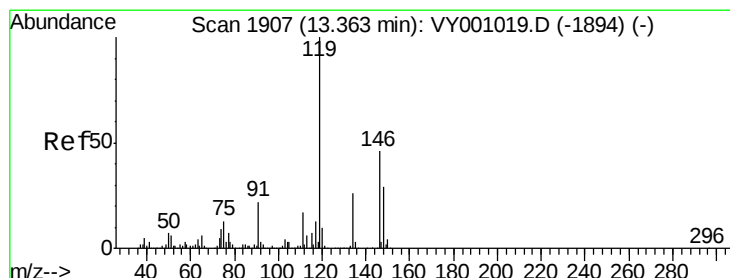
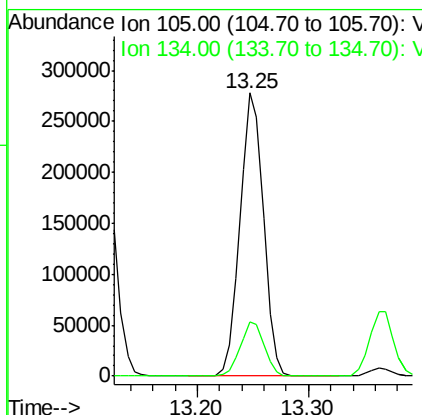
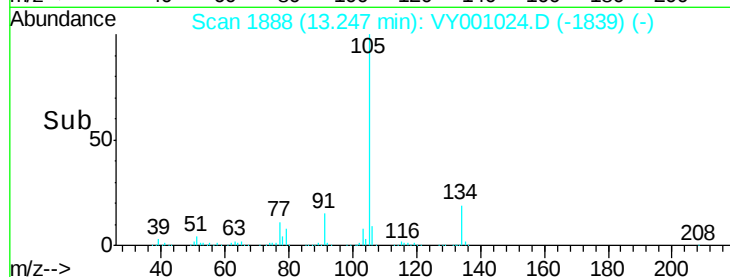
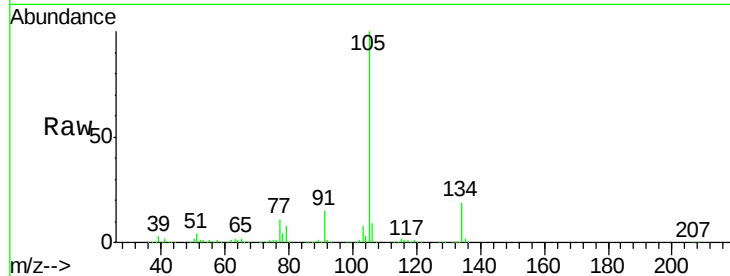
#85
 sec-Butylbenzene
 Concen: 20.967 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.0	30.0

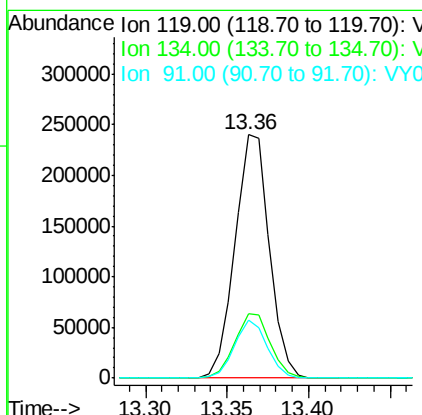
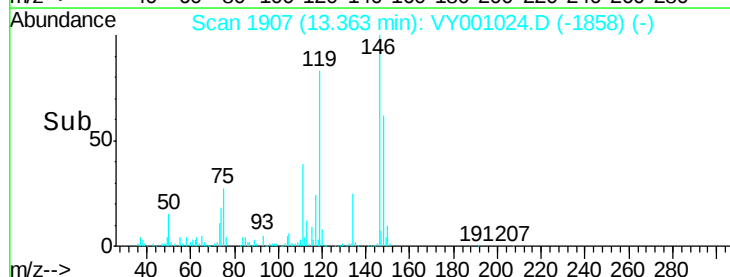
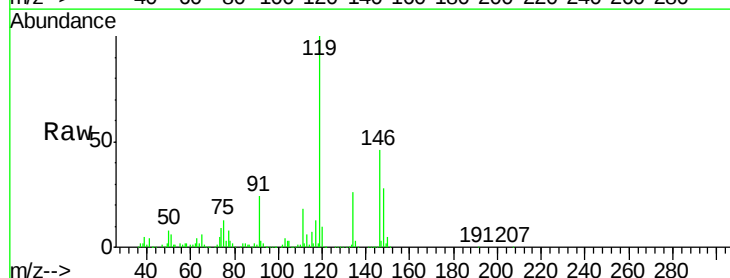
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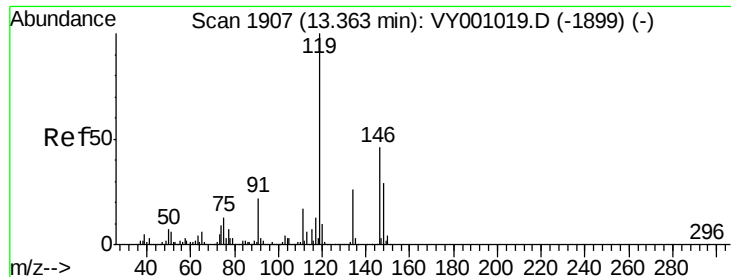
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#86
 p-Isopropyltoluene
 Concen: 21.090 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	22.6	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 20.395 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

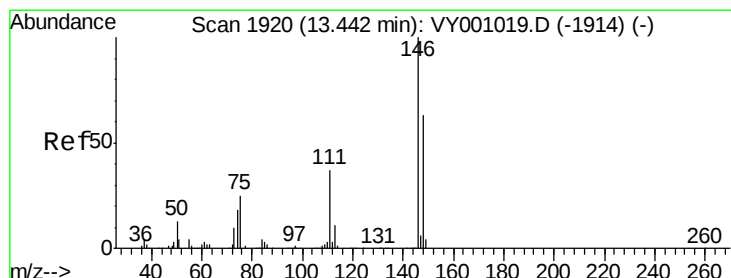
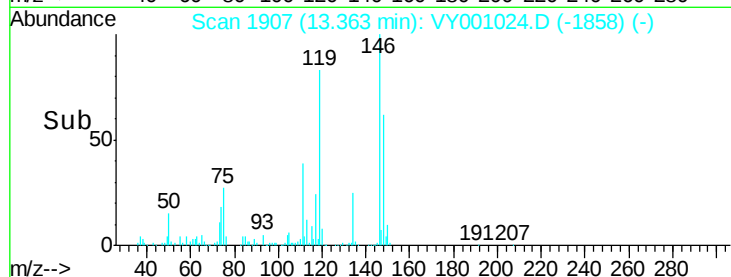
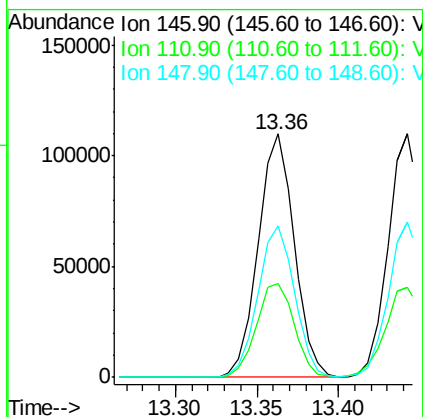
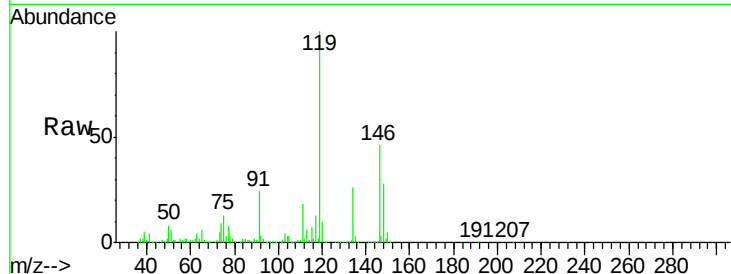
Instrument :
MSVOA_Y

ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167859		
111	40.4	19.7	59.0	
148	63.0	31.9	95.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.182 ug/l

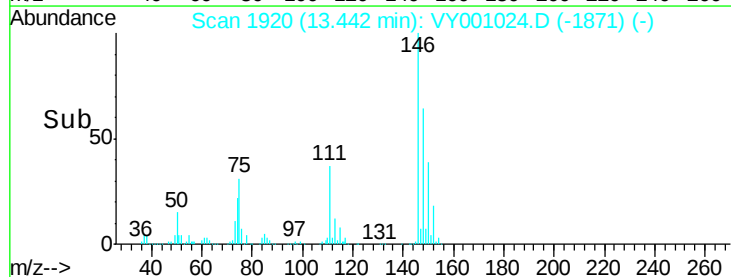
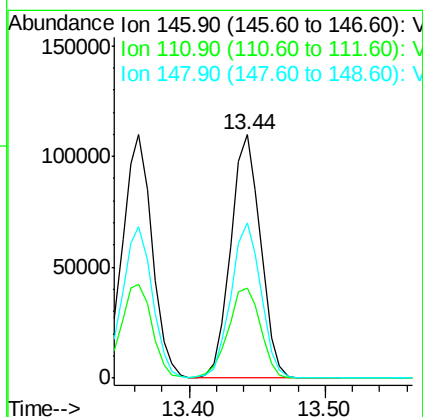
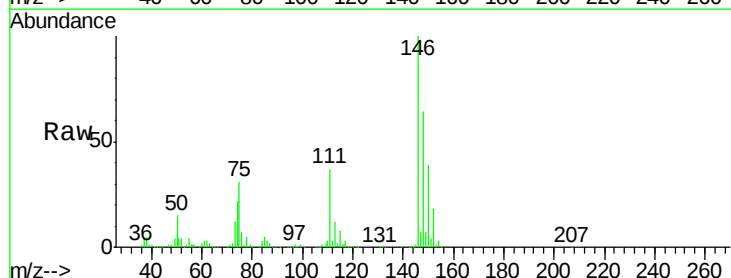
RT: 13.44 min Scan# 1920

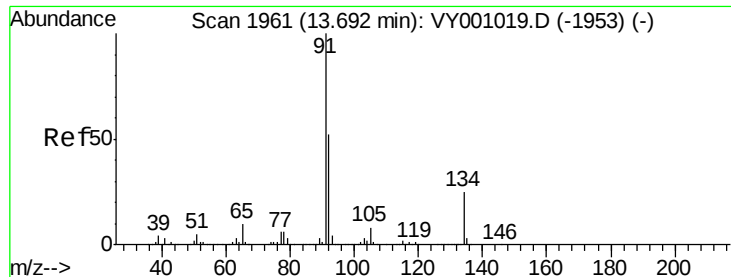
Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167565		
111	40.3	19.4	58.2	
148	64.3	31.8	95.3	





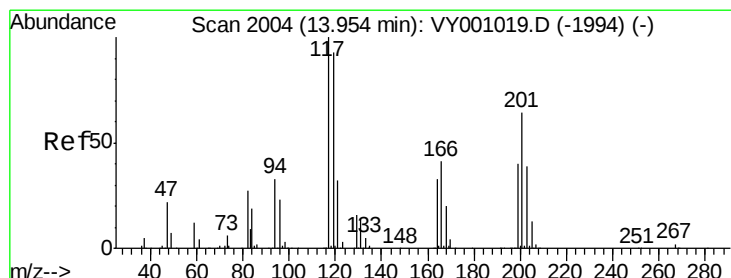
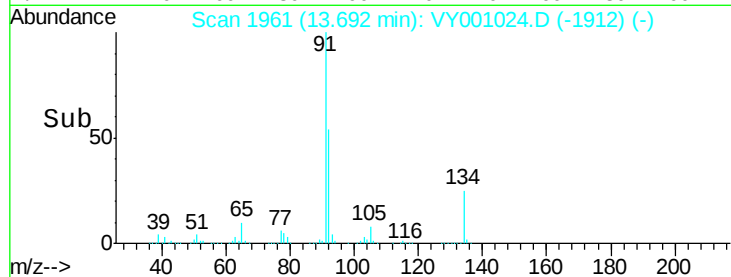
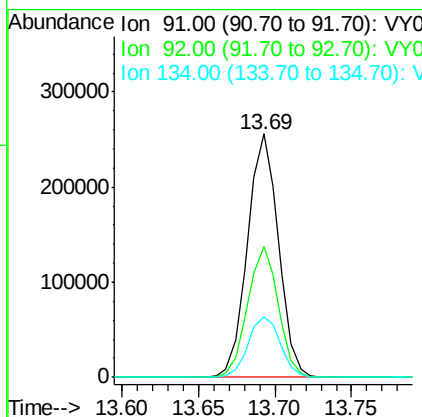
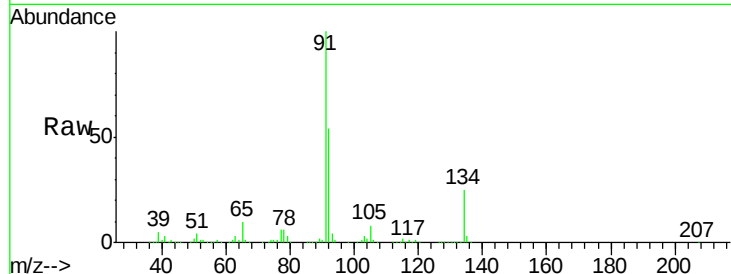
#89
n-Butylbenzene
Concen: 21.408 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	360217		
92	53.1	26.9	80.7	
134	25.7	12.7	38.0	

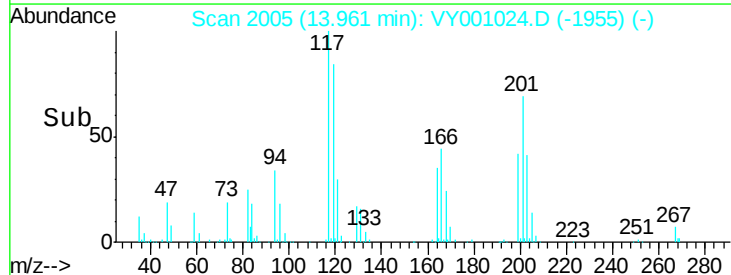
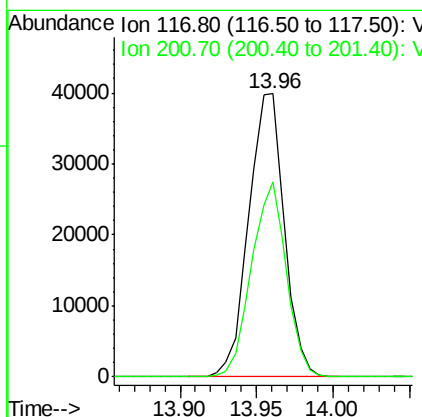
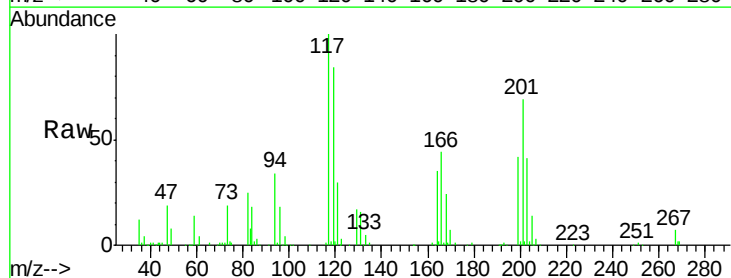
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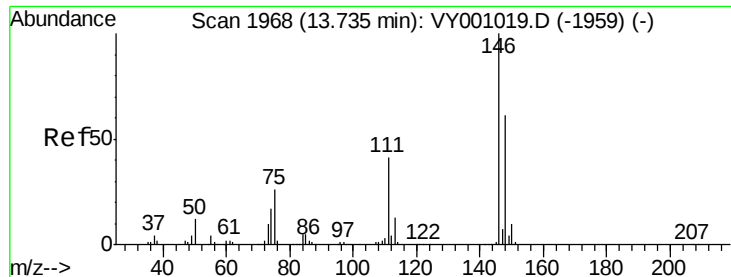
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#90
Hexachloroethane
Concen: 20.531 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64691		
201	67.2	33.7	101.1	





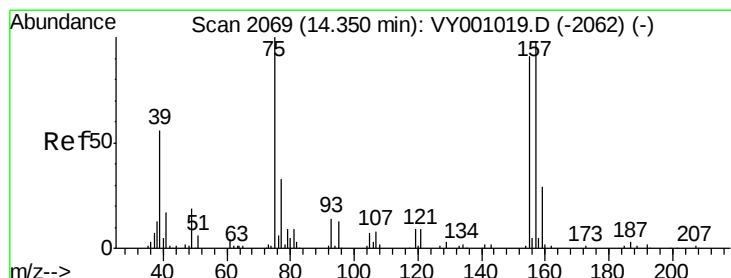
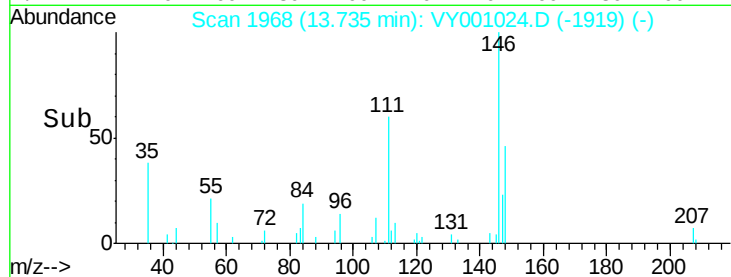
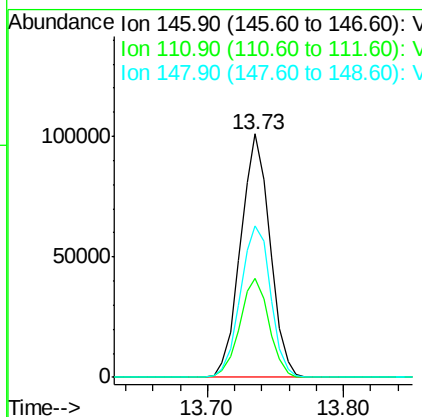
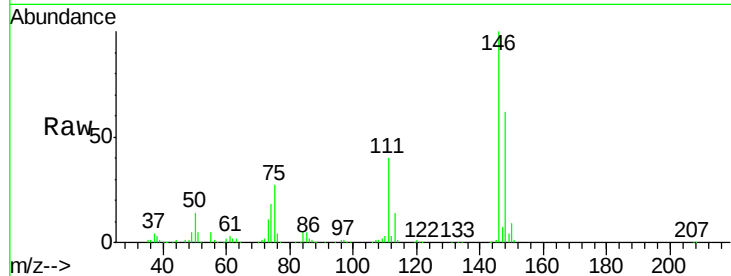
#91
 1,2-Dichlorobenzene
 Concen: 20.051 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	63.9	31.6	94.7

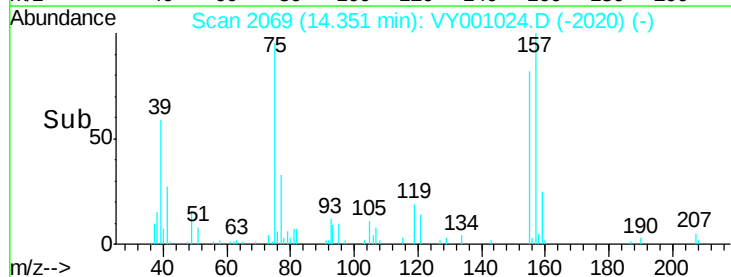
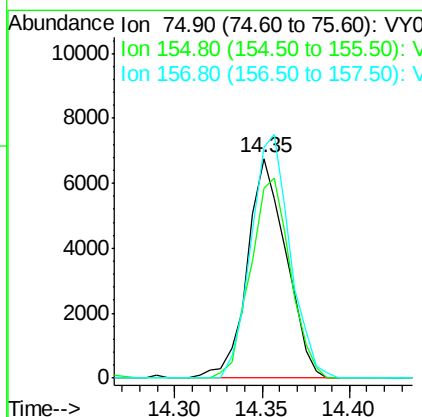
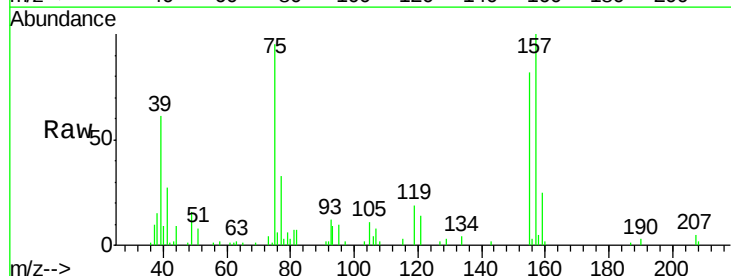
Manual Integrations
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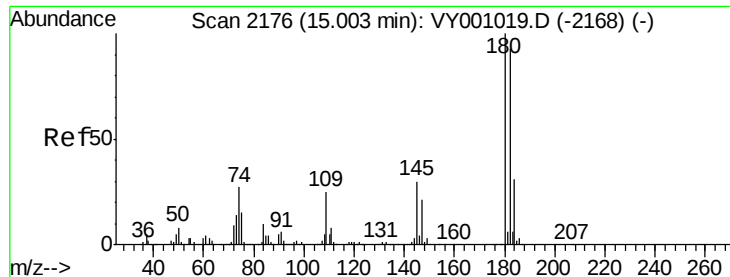
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.703 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	46.3	138.9
157	111.3	58.1	174.4





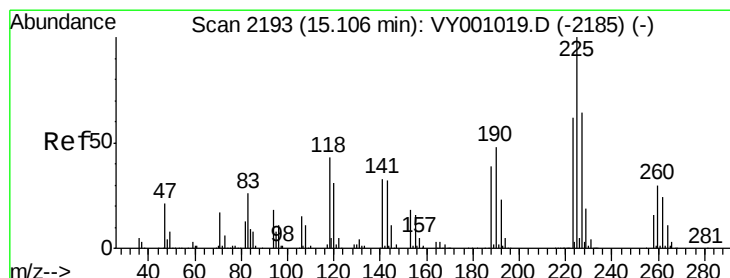
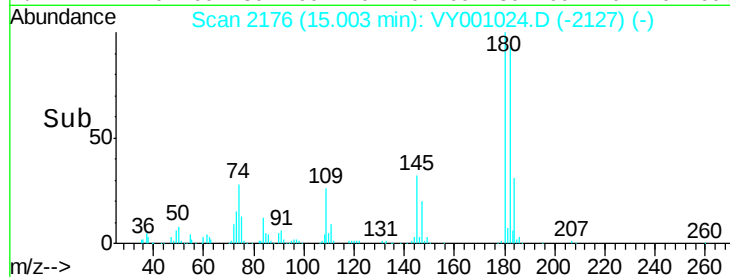
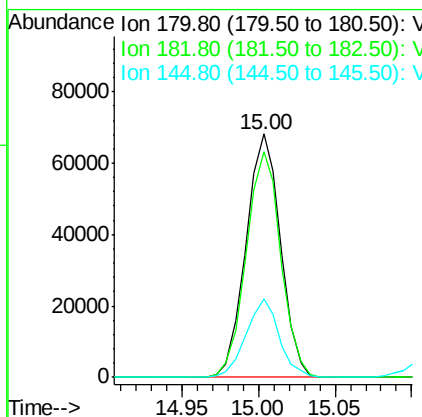
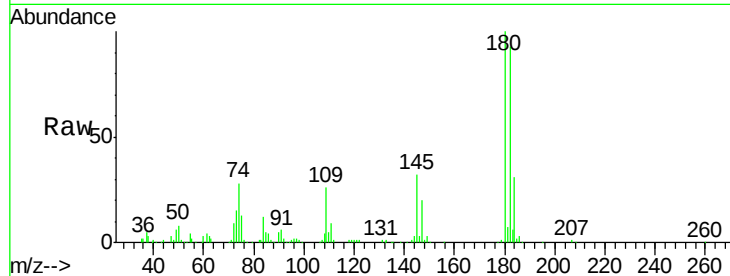
#93
 1,2,4-Trichlorobenzene
 Concen: 20.799 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.1	46.8	140.3	
145	31.0	15.3	45.9	

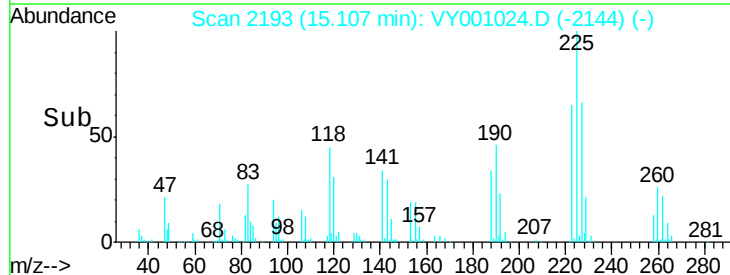
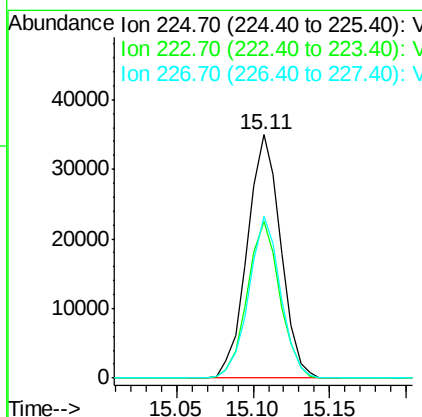
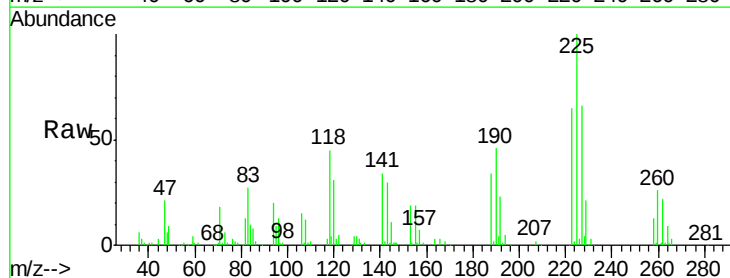
Manual Integrations
 APPROVED

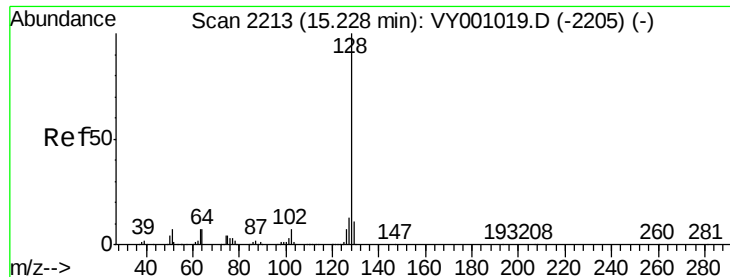
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#94
 Hexachlorobutadiene
 Concen: 21.767 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.6	94.8	
227	63.2	31.9	95.5	





#95

Naphthalene

Concen: 18.700 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

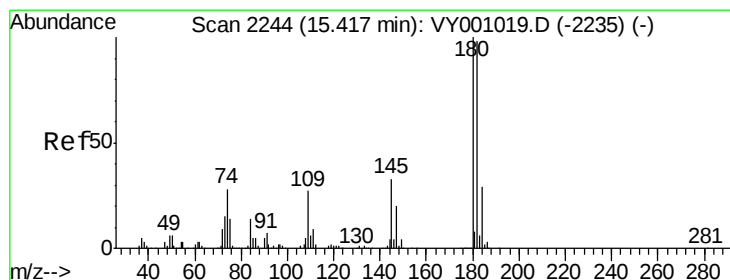
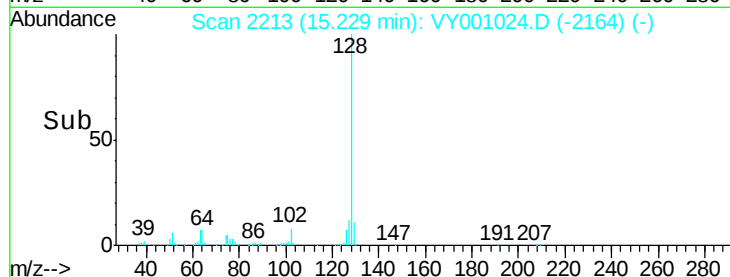
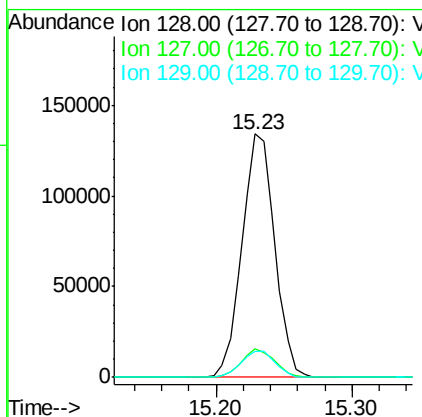
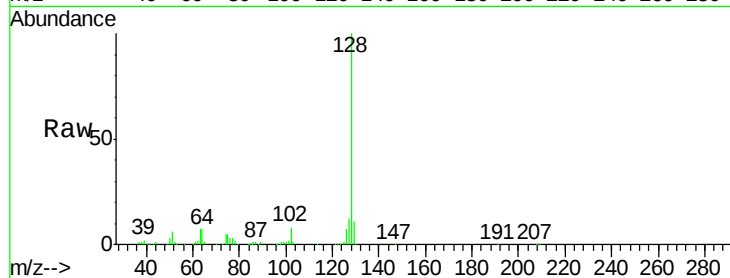
ClientSampleId :

VY1223SBS01

Tot Ion:	128	Resp:	225366
Ion Ratio	Lower	Upper	
128	100		
127	11.8	9.9	14.9
129	11.3	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.499 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion:	180	Resp:	89110
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.9	143.8
145	34.0	16.3	48.9

