

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001120.D
 Acq On : 30 Dec 2019 13:11
 Operator : SY/MD
 Sample : VY1230SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Manual Integrations
 APPROVED

apatel
 12/31/2019 11:48:06 AM

Quant Time: Dec 31 05:55:42 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	314973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	550319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	225795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	144205	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
35) Dibromofluoromethane	7.72	113	154639	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	10.18	98	627536	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	204295	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	52148	19.000	ug/l	94
3) Chloromethane	2.12	50	51048	13.666	ug/l	92
4) Vinyl Chloride	2.25	62	52804	14.556	ug/l	97
5) Bromomethane	2.63	94	36019	15.068	ug/l	91
6) Chloroethane	2.79	64	33680	14.907	ug/l #	88
7) Trichlorofluoromethane	3.12	101	98605	18.532	ug/l	99
8) Diethyl Ether	3.53	74	41944	19.312	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	66464	19.016	ug/l	95
10) Methyl Iodide	4.09	142	90857	18.815	ug/l	99
11) Tert butyl alcohol	4.96	59	31232	91.437	ug/l #	92
12) 1,1-Dichloroethene	3.87	96	69994	19.781	ug/l	97
13) Acrolein	3.74	56	35985	85.027	ug/l	99
14) Allyl chloride	4.49	41	90570	16.476	ug/l	96
15) Acrylonitrile	5.17	53	101752	93.740	ug/l	98
16) Acetone	3.95	43	70481	98.484	ug/l	94
17) Carbon Disulfide	4.19	76	215908	18.673	ug/l	99
18) Methyl Acetate	4.49	43	45835	16.694	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	169434	18.552	ug/l	95
20) Methylene Chloride	4.72	84	90163	21.404	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	75641	19.289	ug/l	89
22) Diisopropyl ether	6.13	45	190607	17.155	ug/l	97
23) Vinyl Acetate	6.07	43	593383	84.564	ug/l	100
24) 1,1-Dichloroethane	6.02	63	118367	18.027	ug/l	99
25) 2-Butanone	6.99	43	113438	90.229	ug/l	94
26) 2,2-Dichloropropane	6.99	77	98486	18.257	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	83521	19.386	ug/l	93
28) Bromochloromethane	7.34	49	40782	15.919	ug/l	84
29) Tetrahydrofuran	7.35	42	76658	85.719	ug/l	94
30) Chloroform	7.52	83	113935	18.351	ug/l	97
31) Cyclohexane	7.78	56	122963	17.809	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	99176	18.726	ug/l	98
36) 1,1-Dichloropropene	7.93	75	97180	18.511	ug/l	98
37) Ethyl Acetate	7.08	43	47523	16.348	ug/l #	91
38) Carbon Tetrachloride	7.90	117	87338	18.987	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	131136	18.810	ug/l	98
40) Benzene	8.17	78	299235	18.893	ug/l	98
41) Methacrylonitrile	7.32	41	22809m	18.098	ug/l	
42) 1,2-Dichloroethane	8.24	62	69711	18.409	ug/l	98
43) Isopropyl Acetate	8.28	43	90855	16.883	ug/l #	94
44) Trichloroethene	8.94	130	81612	19.557	ug/l	97
45) 1,2-Dichloropropane	9.22	63	74079	18.644	ug/l	98
46) Dibromomethane	9.31	93	39135	19.107	ug/l	94
47) Bromodichloromethane	9.50	83	87578	18.459	ug/l	96
48) Methyl methacrylate	9.30	41	38813	16.902	ug/l	91
49) 1,4-Dioxane	9.30	88	12720	424.537	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	241961	86.267	ug/l	97
52) Toluene	10.24	92	186980	19.180	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	94403	18.334	ug/l	95
54) cis-1,3-Dichloropropene	9.92	75	114431	18.482	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	60659	19.838	ug/l	96
56) Ethyl methacrylate	10.51	69	79235	18.207	ug/l	95
57) 1,3-Dichloropropane	10.79	76	99287	18.525	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	157164	93.502	ug/l	96
59) 2-Hexanone	10.83	43	160860	82.885	ug/l	95
60) Dibromochloromethane	10.99	129	60755	18.601	ug/l	96
61) 1,2-Dibromoethane	11.09	107	57963	19.823	ug/l	97
64) Tetrachloroethene	10.72	164	86641	20.926	ug/l	99
65) Chlorobenzene	11.51	112	198026	19.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	64960	19.832	ug/l	100
67) Ethyl Benzene	11.59	91	337087	18.881	ug/l	97
68) m/p-Xylenes	11.70	106	267187	39.415	ug/l	97
69) o-Xylene	12.02	106	127449	19.985	ug/l	96
70) Styrene	12.04	104	213198	19.661	ug/l	98
71) Bromoform	12.20	173	36998	20.285	ug/l #	97
73) Isopropylbenzene	12.33	105	329894	18.880	ug/l	99
74) N-amyl acetate	12.14	43	73808	16.079	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	63105	18.333	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	43673m	15.689	ug/l	
77) Bromobenzene	12.61	156	75061	19.101	ug/l	93
78) n-propylbenzene	12.67	91	402912	18.924	ug/l	98
79) 2-Chlorotoluene	12.75	91	211721	18.007	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	271166	18.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23196	17.773	ug/l	97
82) 4-Chlorotoluene	12.85	91	224038	18.345	ug/l	99
83) tert-Butylbenzene	13.07	119	224731	18.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	269073	18.695	ug/l	99
85) sec-Butylbenzene	13.25	105	334896	18.895	ug/l	100
86) p-Isopropyltoluene	13.36	119	291766	19.024	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	147669	19.565	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	147192	19.332	ug/l	99
89) n-Butylbenzene	13.69	91	289695	18.774	ug/l	98
90) Hexachloroethane	13.95	117	54773	18.956	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	131635	18.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	9879	17.154	ug/l	87

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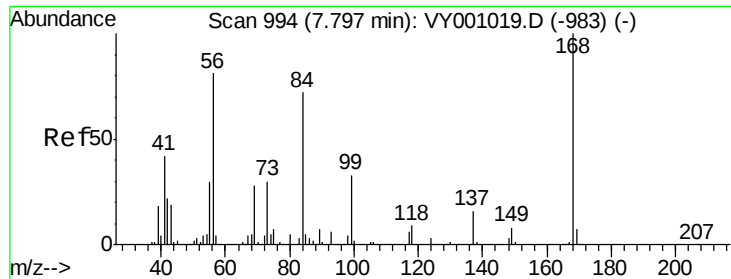
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	91436	19.457	ug/l	98
94) Hexachlorobutadiene	15.11	225	44308	19.814	ug/l	98
95) Naphthalene	15.23	128	213258	19.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83398	19.900	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion:168 Resp: 314973

Ion Ratio Lower Upper

168 100

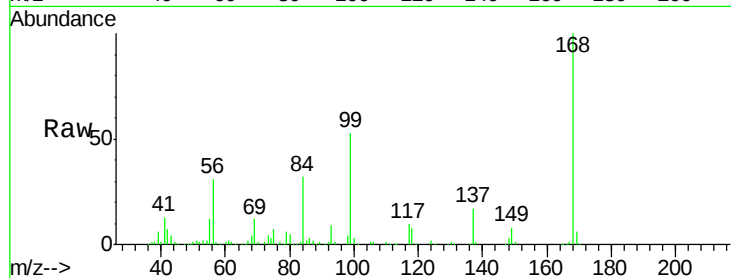
99 53.1 44.0 66.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

150000

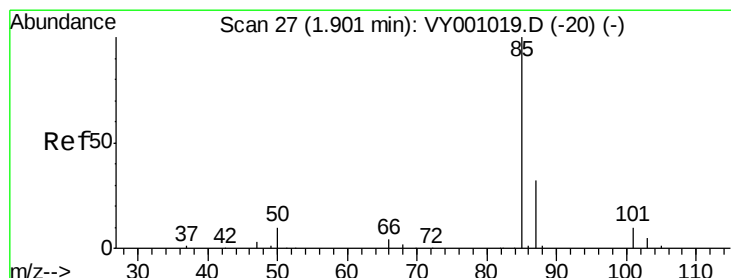
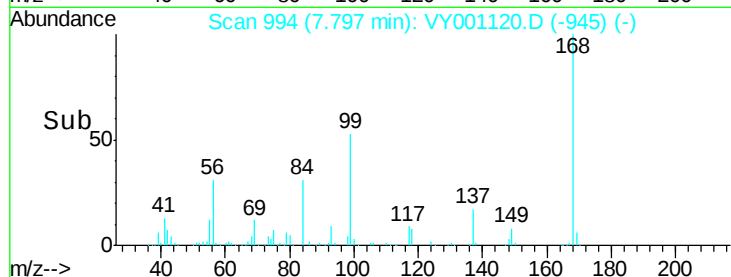
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.000 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001120.D

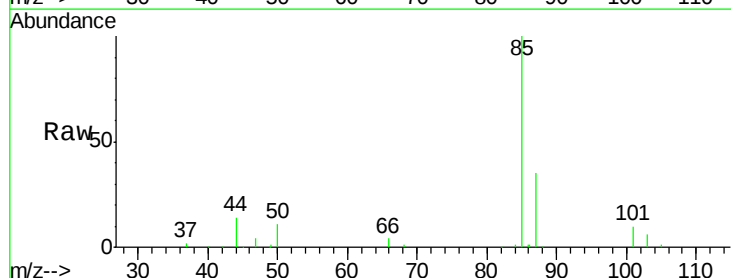
Acq: 30 Dec 2019 13:11

Tgt Ion: 85 Resp: 52148

Ion Ratio Lower Upper

85 100

87 35.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

30000

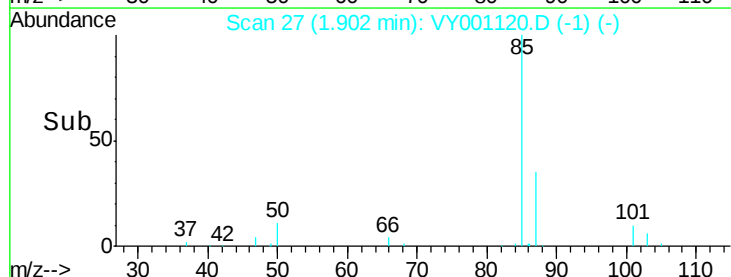
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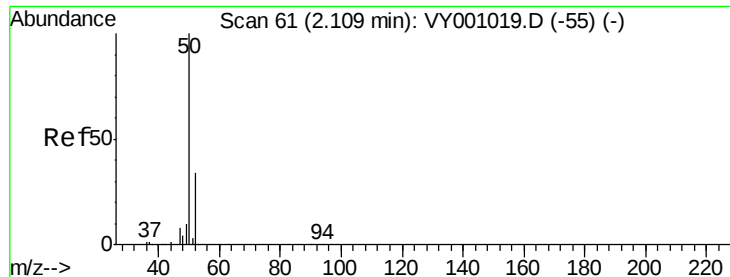
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 13.666 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 50 Resp: 51048

Ion Ratio Lower Upper

50 100

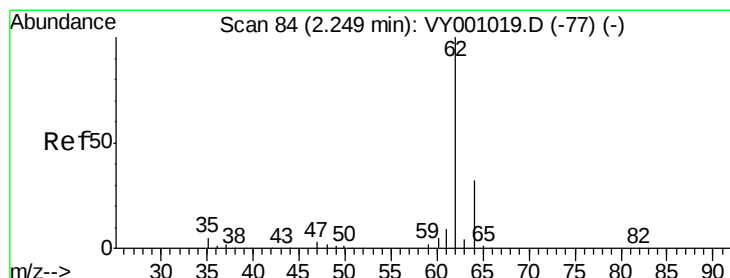
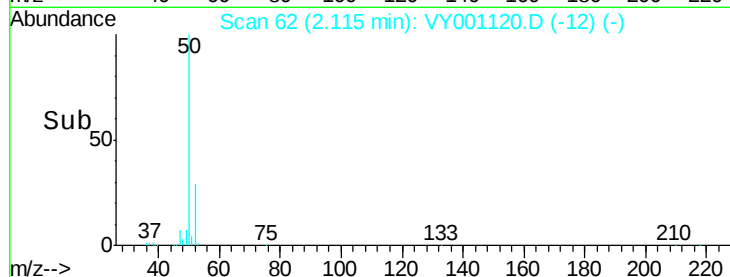
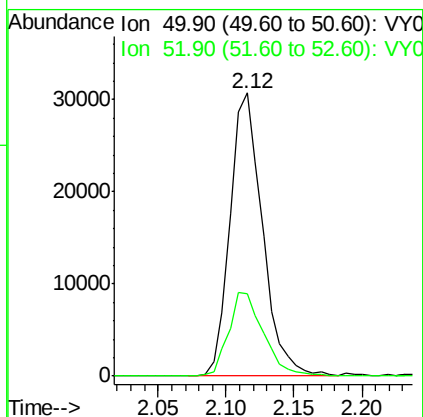
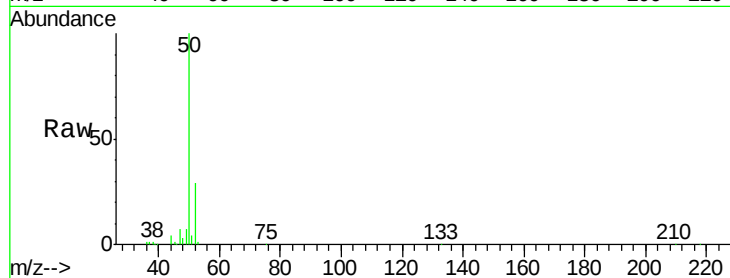
52 29.3 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 14.556 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001120.D

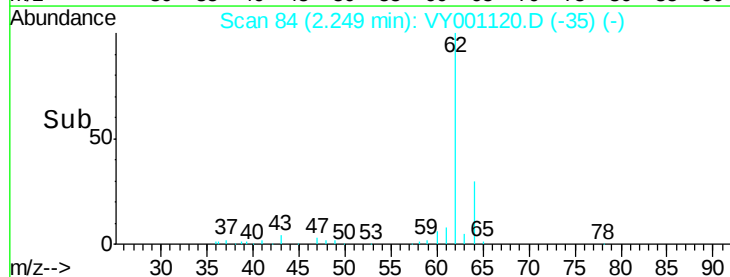
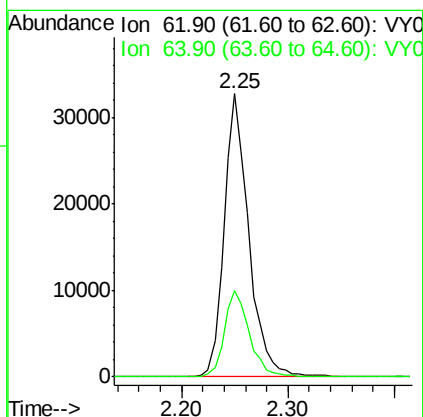
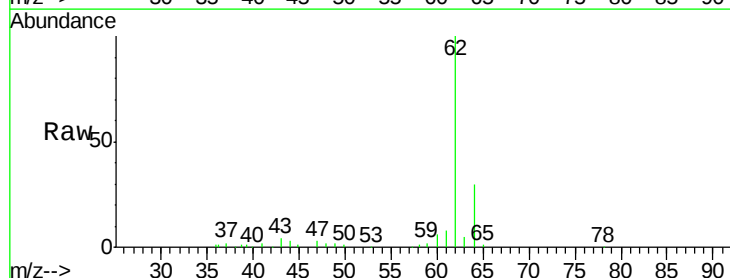
Acq: 30 Dec 2019 13:11

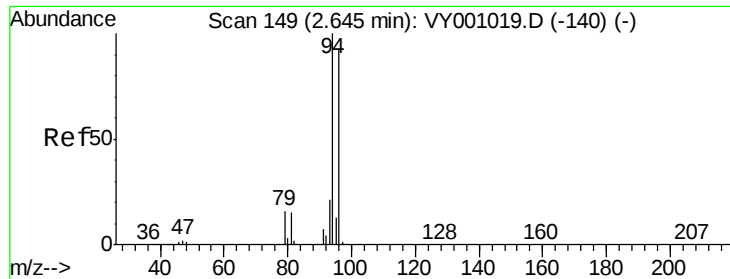
Tgt Ion: 62 Resp: 52804

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 15.068 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 94 Resp: 36019

Ion Ratio Lower Upper

94 100

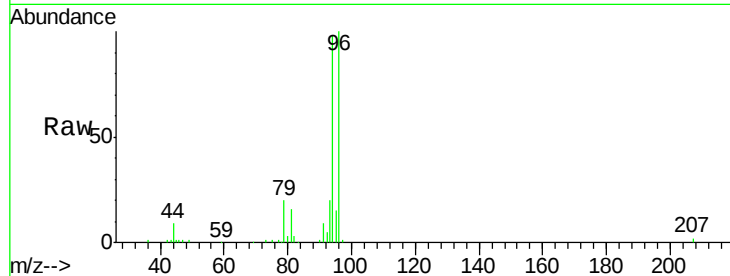
96 101.9 74.2 111.4

Manual Integrations

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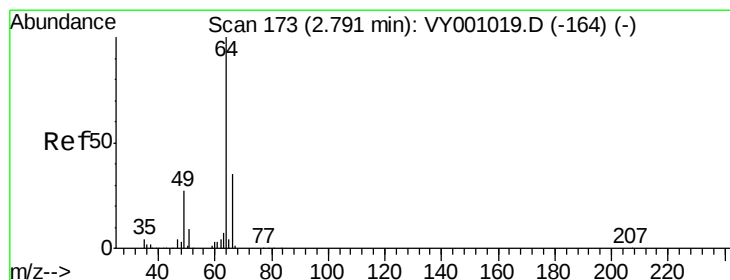
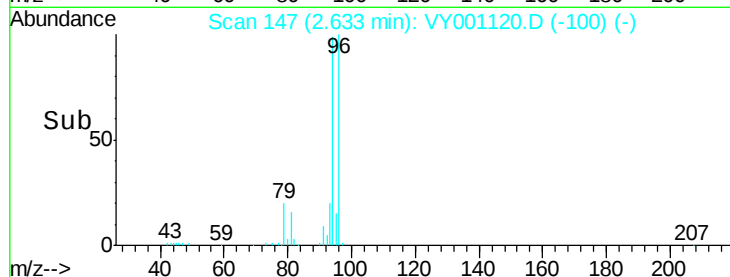
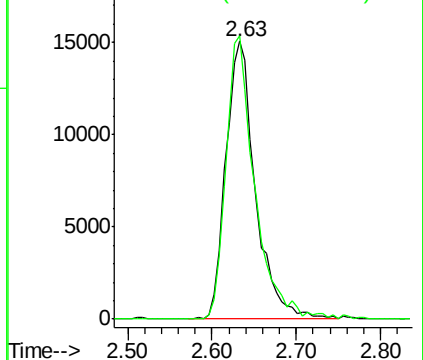
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 14.907 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001120.D

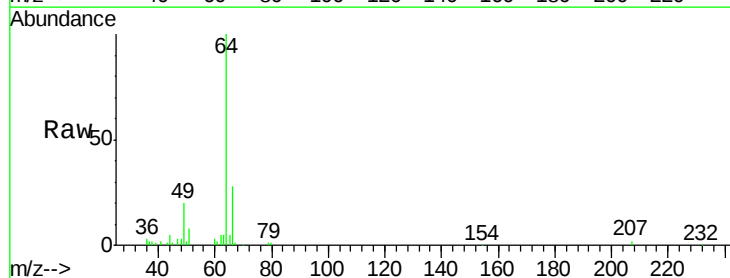
Acq: 30 Dec 2019 13:11

Tgt Ion: 64 Resp: 33680

Ion Ratio Lower Upper

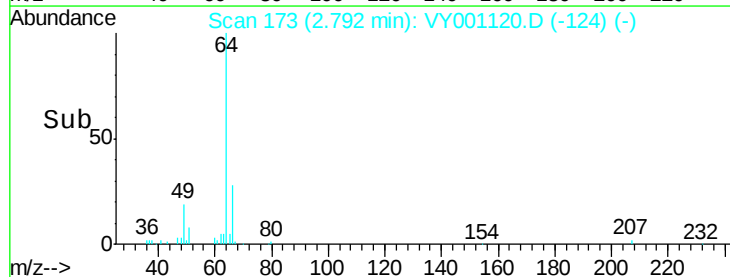
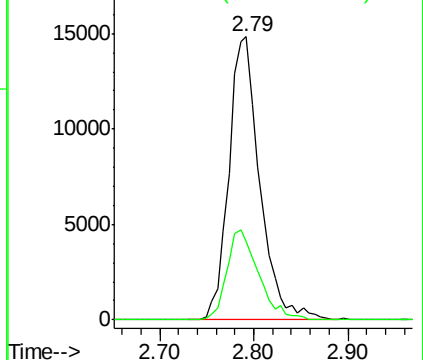
64 100

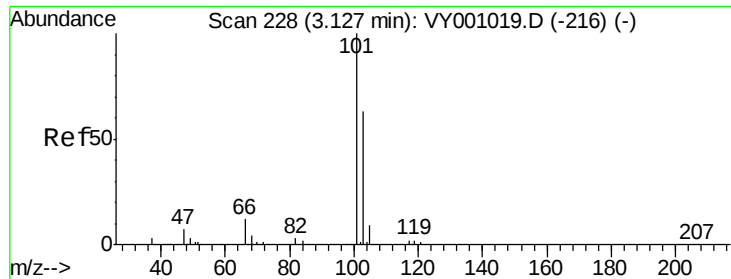
66 27.7 27.8 41.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

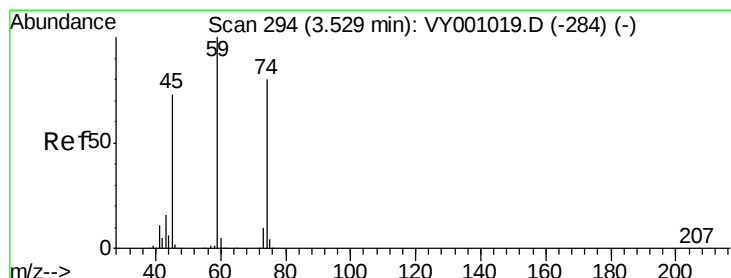
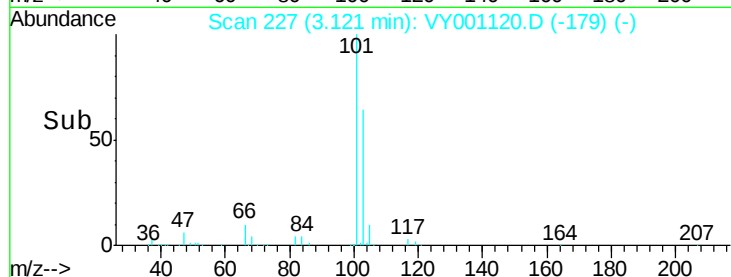
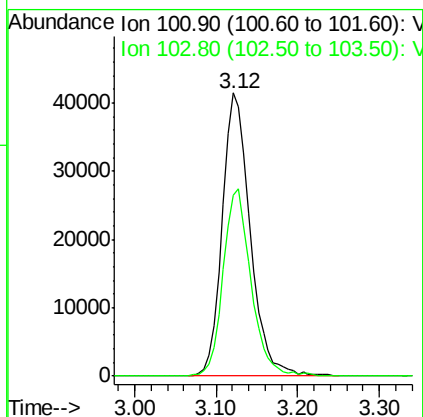
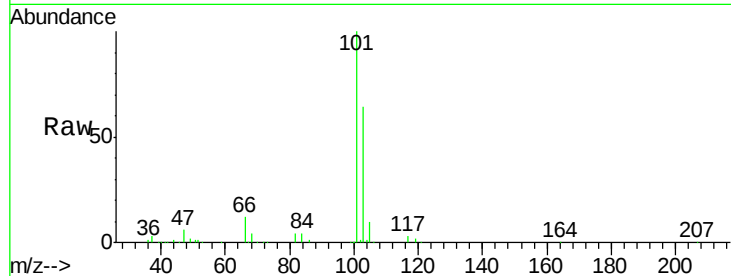
Trichlorofluoromethane
Concen: 18.532 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY001120.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.2	75.2

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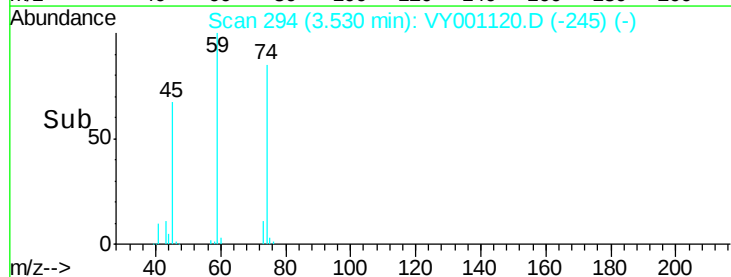
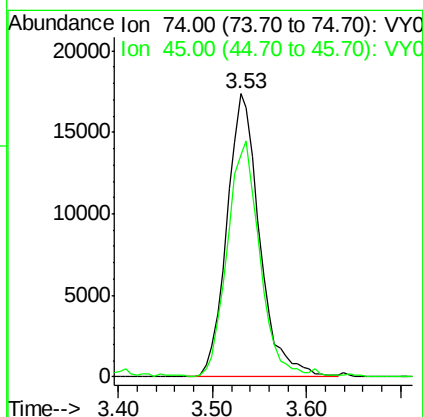
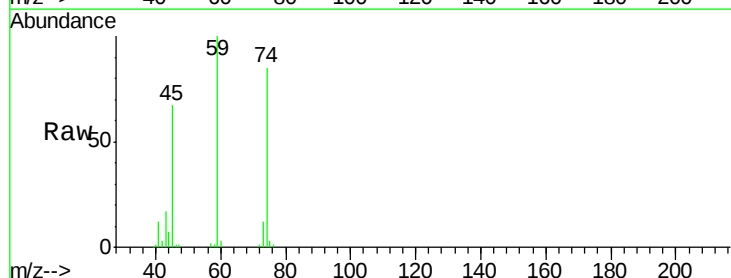
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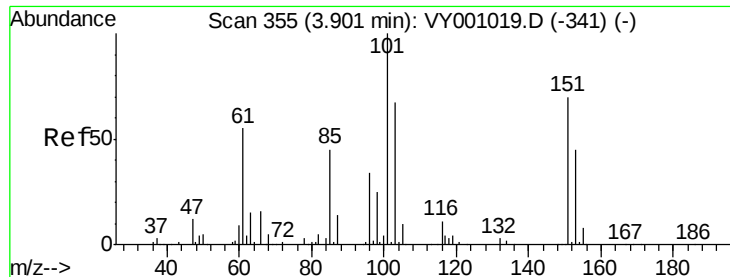


#8

Diethyl Ether
Concen: 19.312 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.016 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

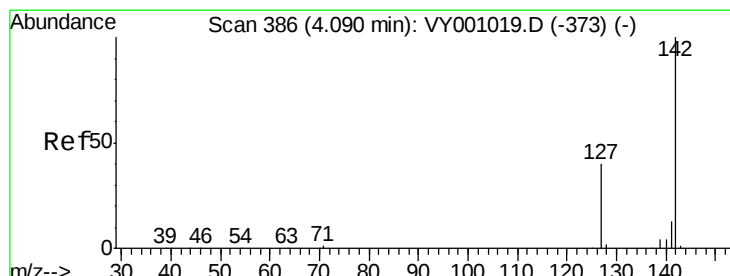
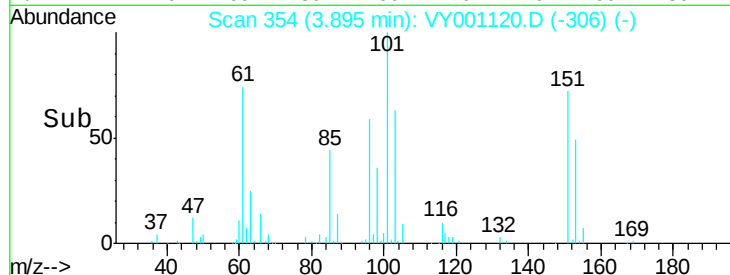
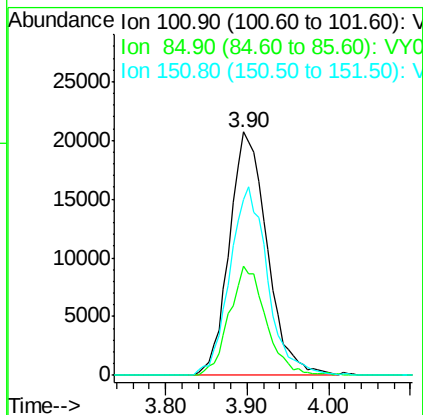
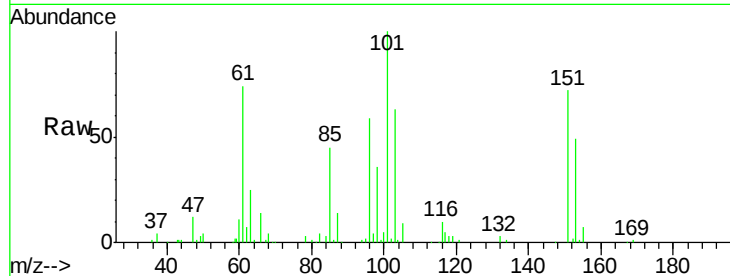
ClientSampleId :

VY1230SBS01

Tot Ion:	101	Resp:	66464
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.2
151	77.5	57.0	85.6

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#10

Methyl Iodide

Concen: 18.815 ug/l

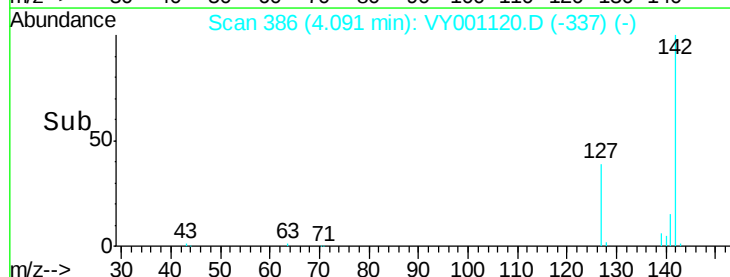
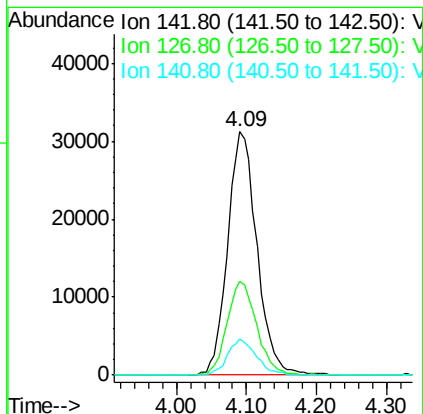
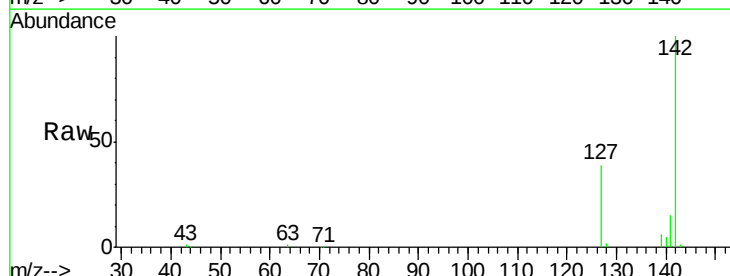
RT: 4.09 min Scan# 386

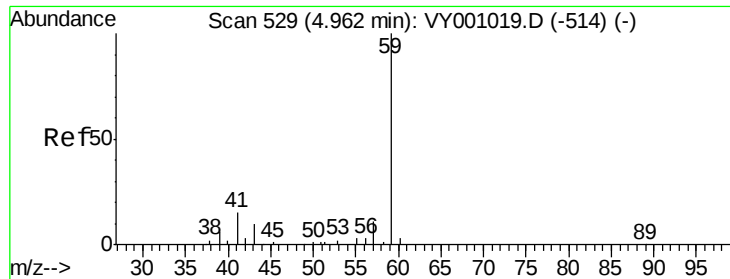
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	142	Resp:	90857
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.2	46.8
141	14.5	11.0	16.4





#11

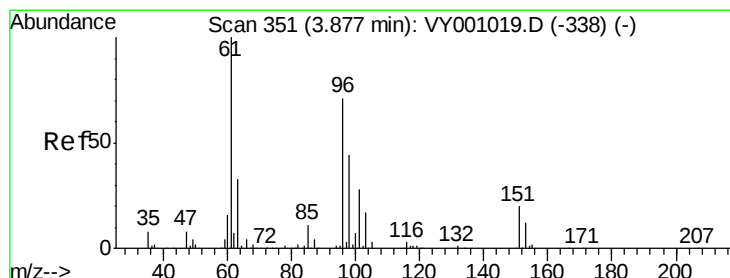
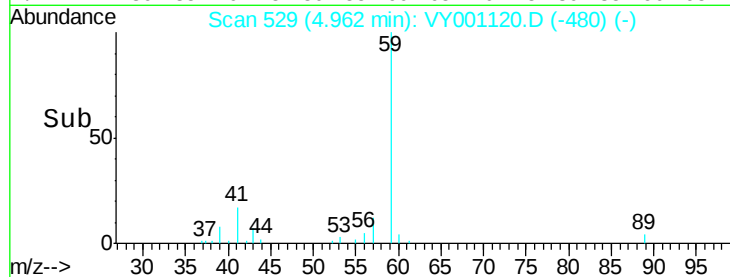
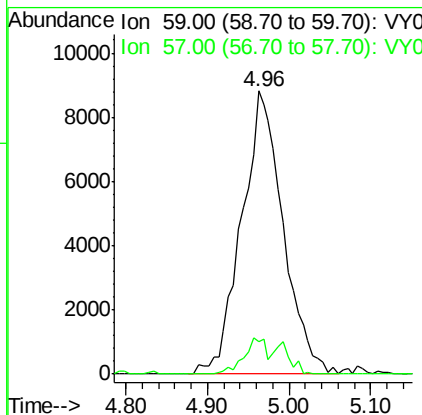
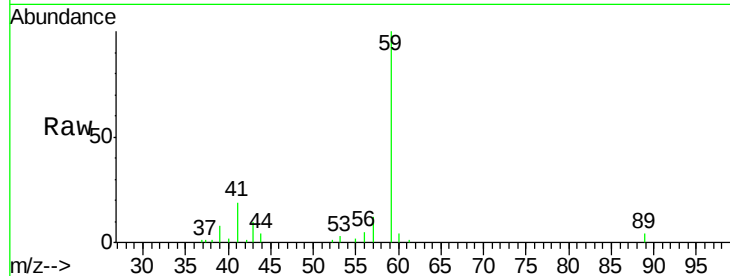
Tert butyl alcohol
 Concen: 91.437 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.8	7.8	11.6#

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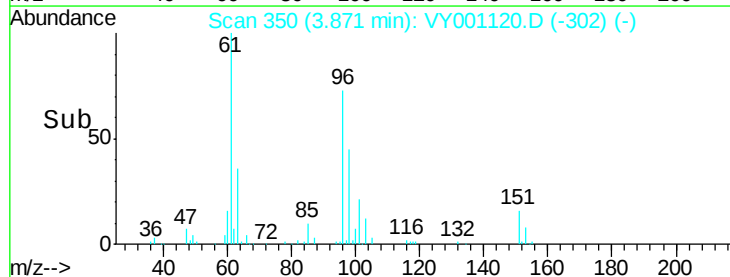
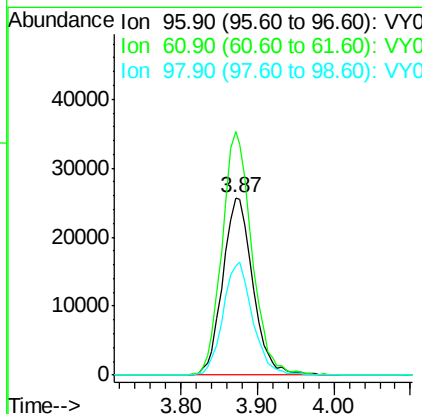
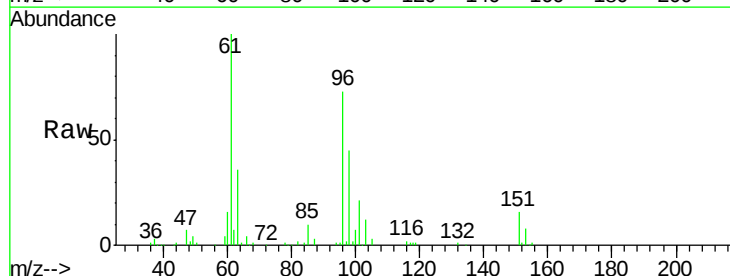
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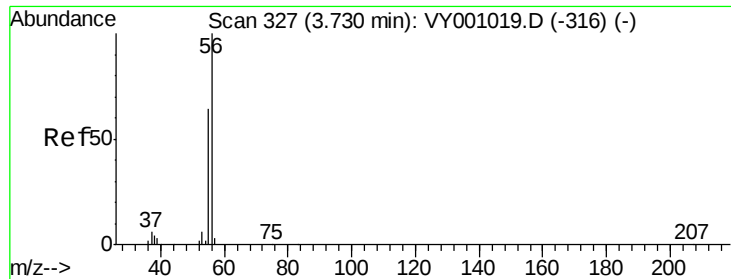


#12

1,1-Dichloroethene
 Concen: 19.781 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.2	113.0	169.4
98	61.6	49.8	74.8





#13

Acrolein

Concen: 85.027 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 56 Resp: 35985

Ion Ratio Lower Upper

56 100

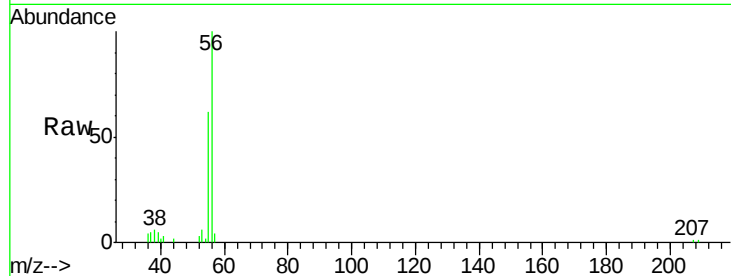
55 70.2 55.6 83.4

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

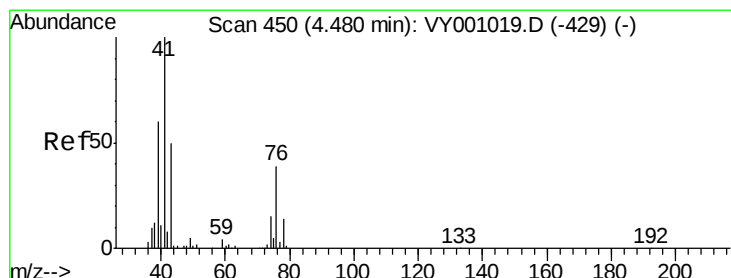
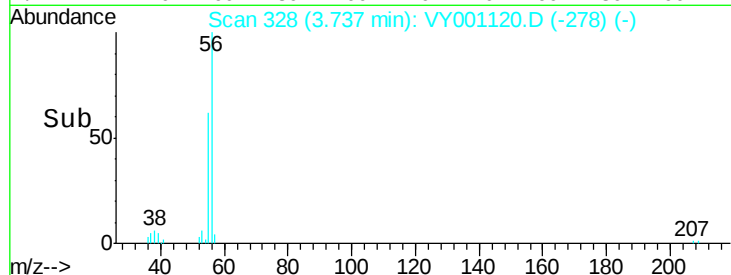
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 16.476 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

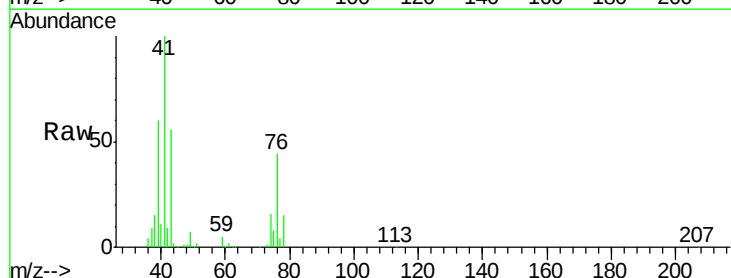
Tgt Ion: 41 Resp: 90570

Ion Ratio Lower Upper

41 100

39 58.5 46.0 69.0

76 45.7 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

40000

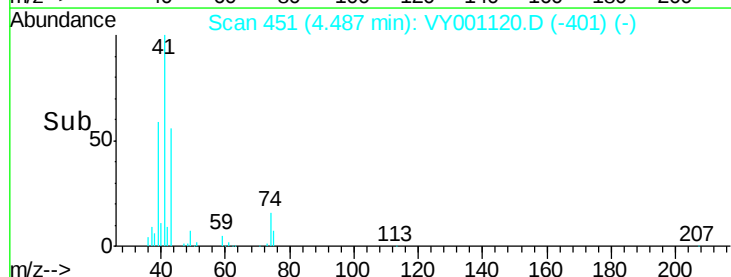
30000

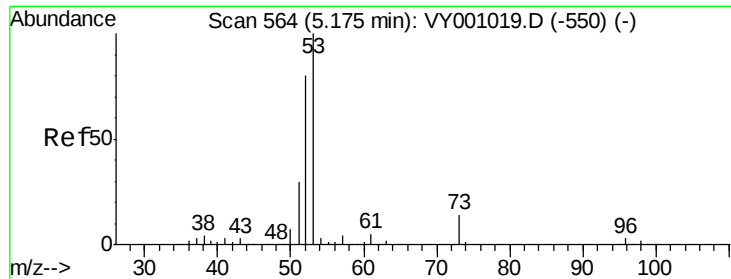
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 93.740 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

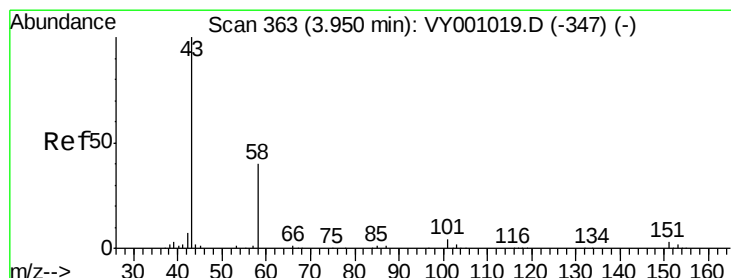
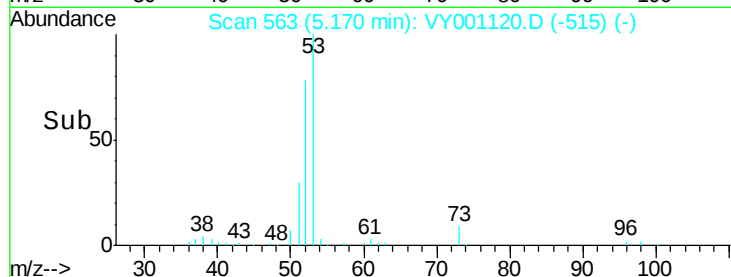
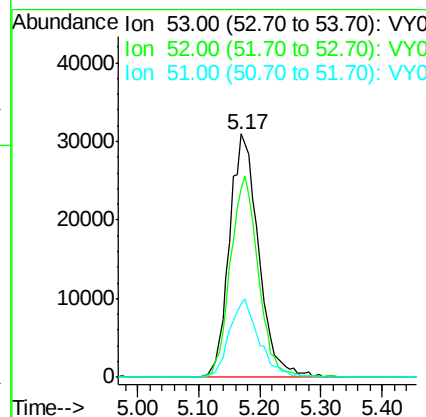
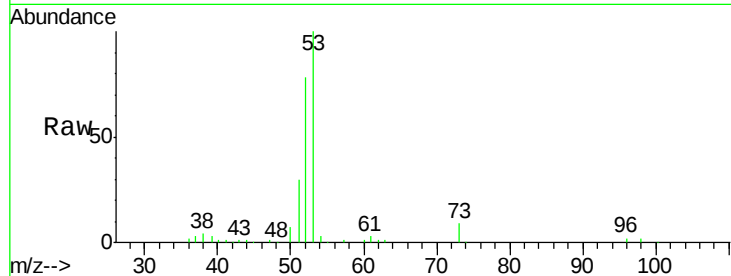
ClientSampleId :

VY1230SBS01

Tot Ion:	53	Resp:	101752
Ion Ratio	Lower	Upper	
53	100		
52	78.2	63.6	95.4
51	32.2	26.7	40.1

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#16

Acetone

Concen: 98.484 ug/l

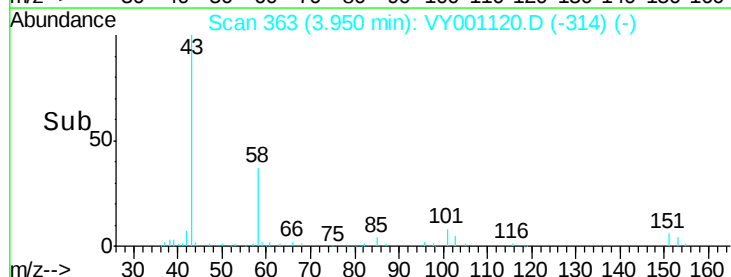
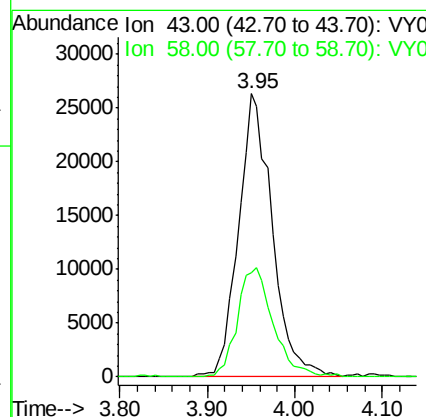
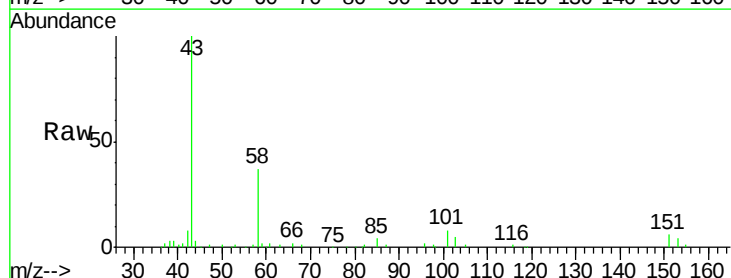
RT: 3.95 min Scan# 363

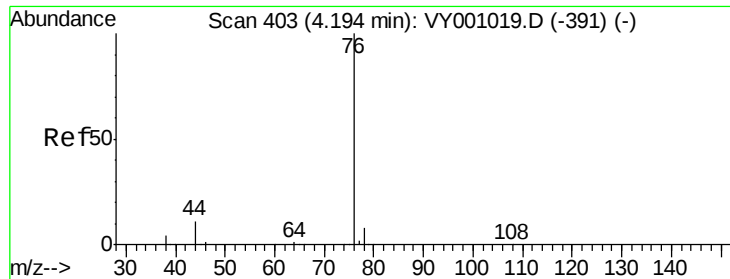
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	43	Resp:	70481
Ion Ratio	Lower	Upper	
43	100		
58	36.7	32.1	48.1





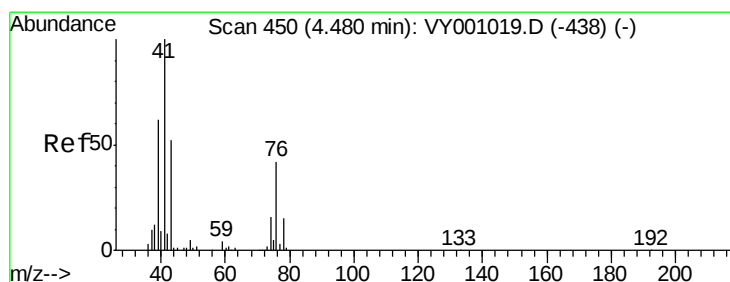
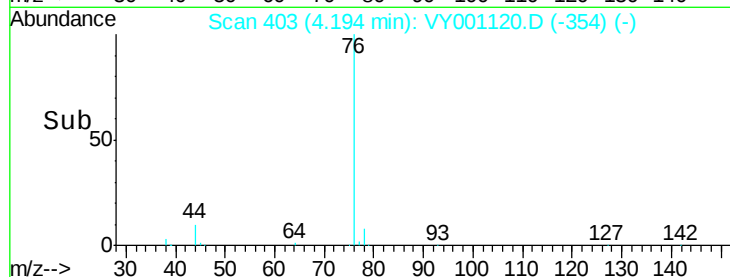
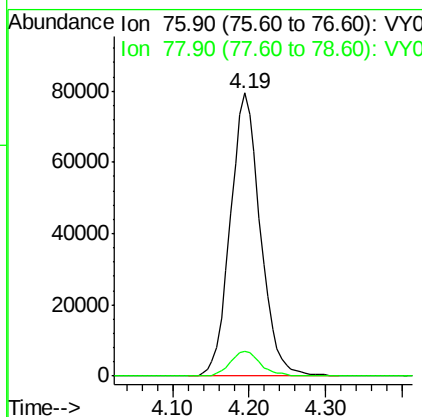
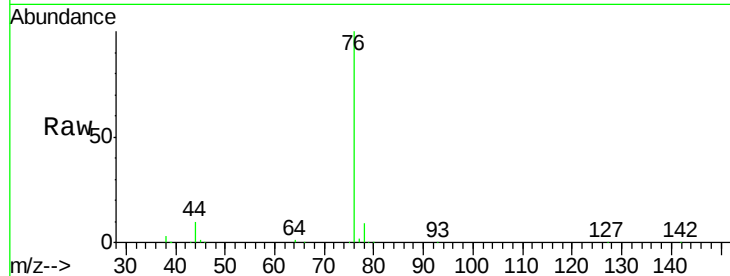
#17
Carbon Disulfide
Concen: 18.673 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion: 76 Resp: 215908
Ion Ratio Lower Upper
76 100
78 8.9 6.7 10.1

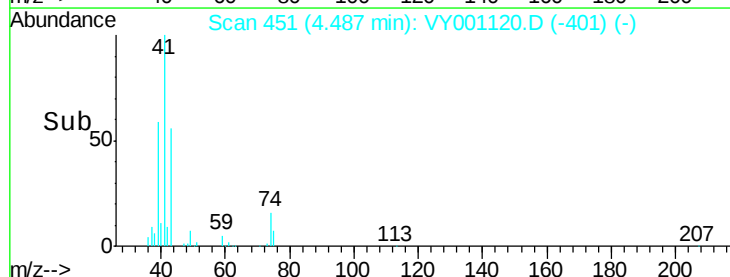
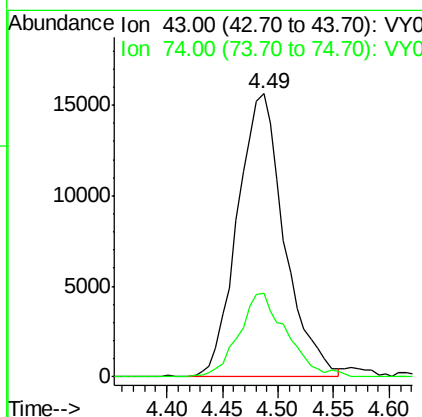
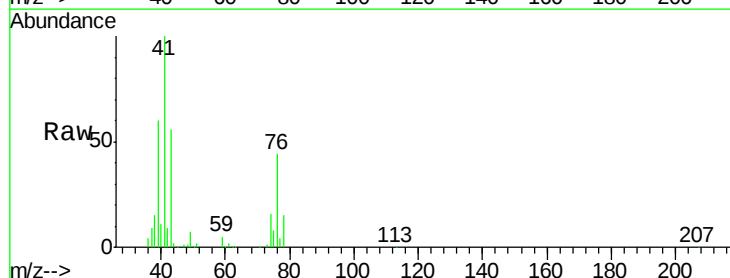
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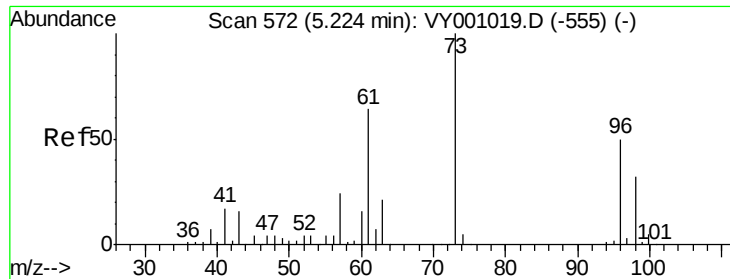
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#18
Methyl Acetate
Concen: 16.694 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 43 Resp: 45835
Ion Ratio Lower Upper
43 100
74 29.3 20.7 31.1





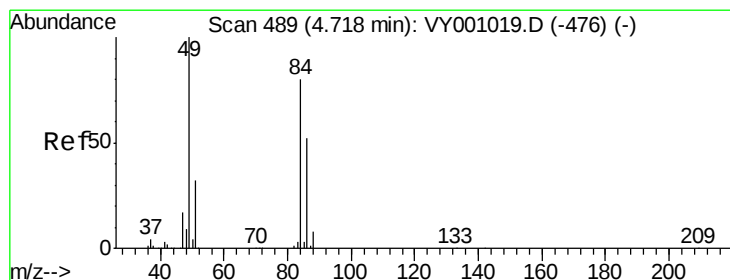
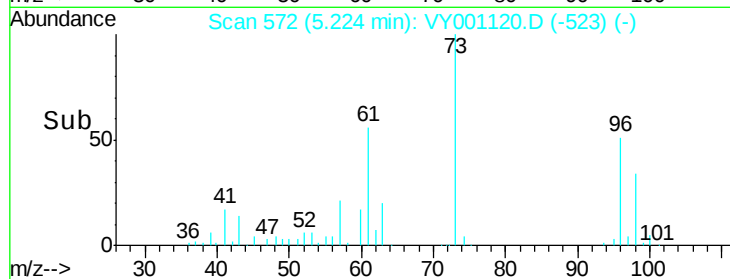
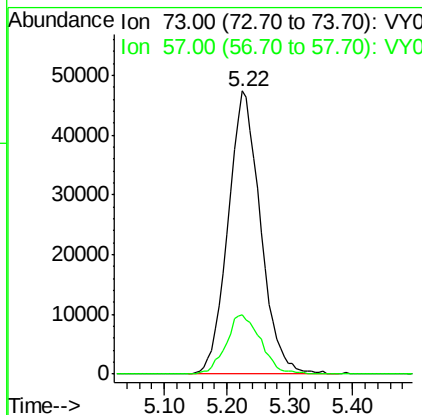
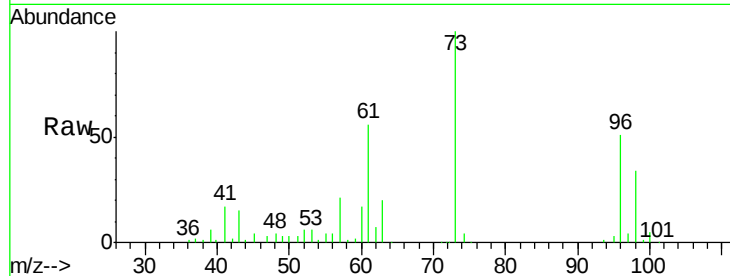
#19
Methvl tert-butvl Ether
Concen: 18.552 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion: 73 Resp: 169434
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.6

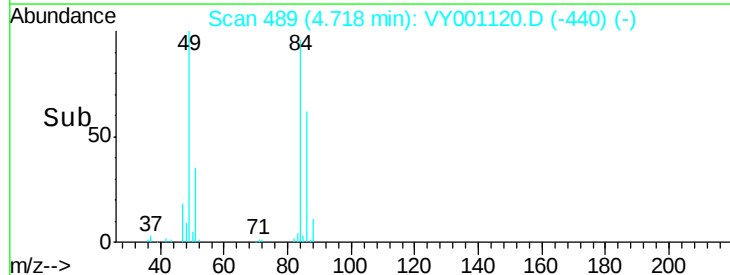
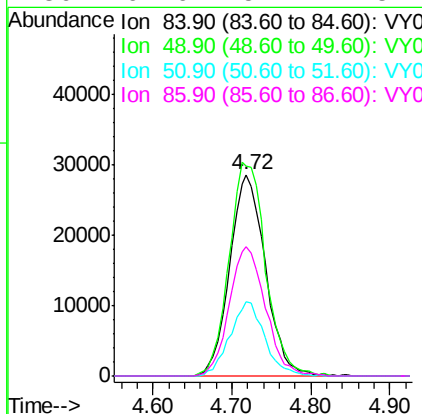
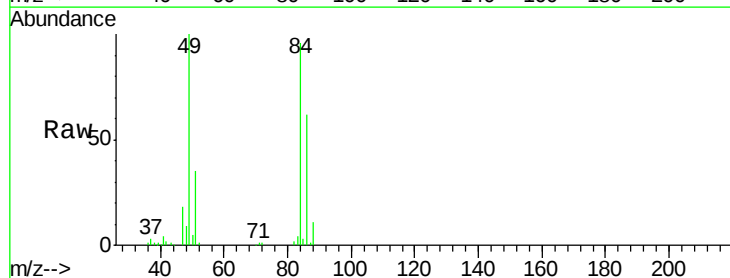
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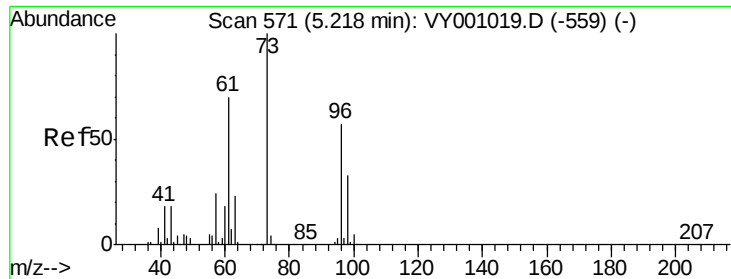
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#20
Methylene Chloride
Concen: 21.404 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 84 Resp: 90163
Ion Ratio Lower Upper
84 100
49 104.6 99.8 149.6
51 36.8 31.4 47.2
86 64.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.289 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

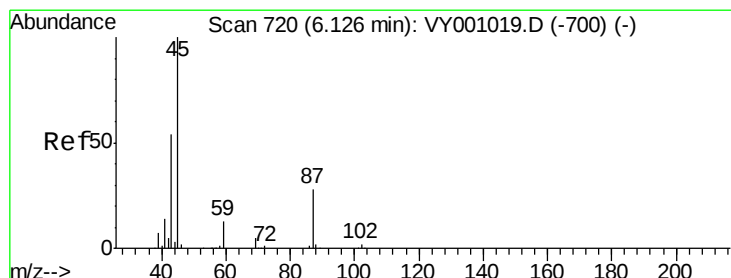
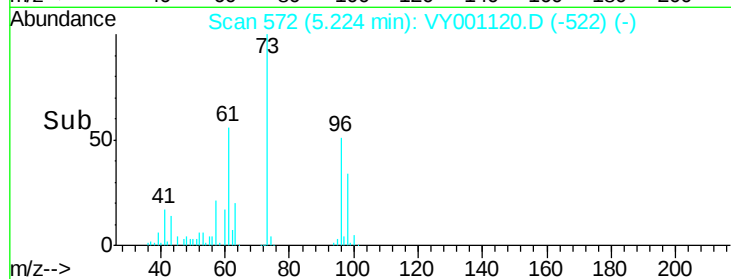
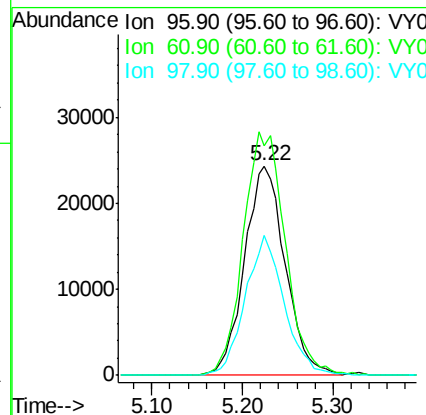
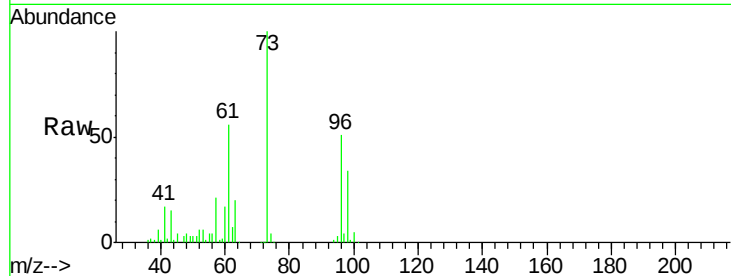
ClientSampleId :

VY1230SBS01

Tot Ion:	96	Resp:	75641
Ion	Ratio	Lower	Upper
96	100		
61	109.9	98.1	147.1
98	66.8	47.2	70.8

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#22

Diisopropyl ether

Concen: 17.155 ug/l

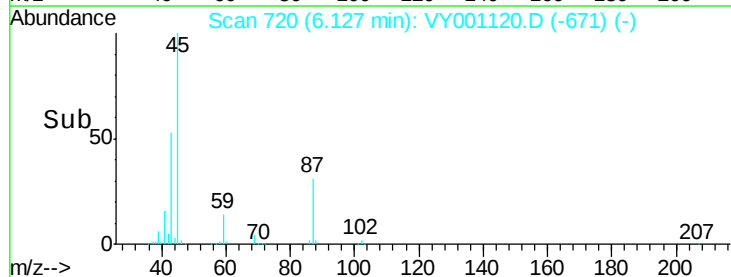
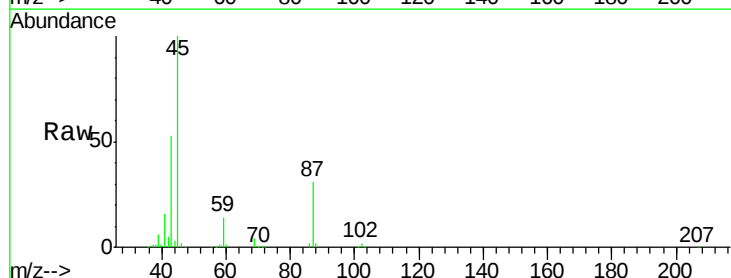
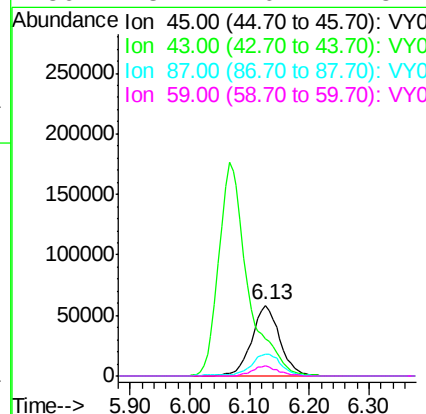
RT: 6.13 min Scan# 720

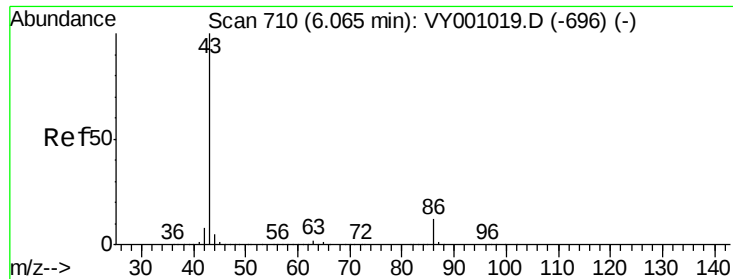
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	45	Resp:	190607
Ion	Ratio	Lower	Upper
45	100		
43	52.4	43.6	65.4
87	31.1	23.1	34.7
59	13.7	10.2	15.4





#23

Vinyl Acetate

Concen: 84.564 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 43 Resp: 593383

Ion Ratio Lower Upper

43 100

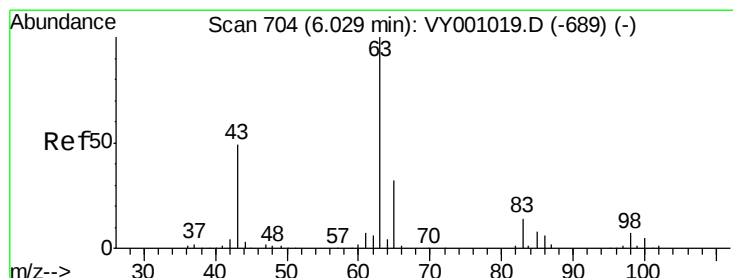
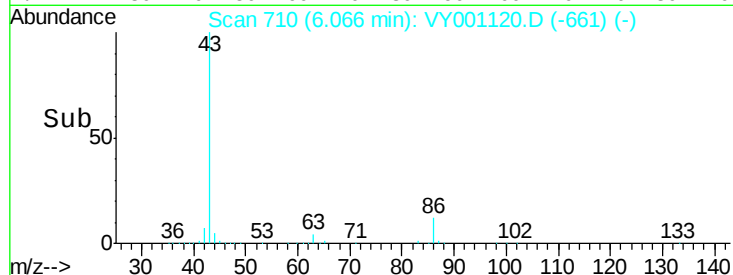
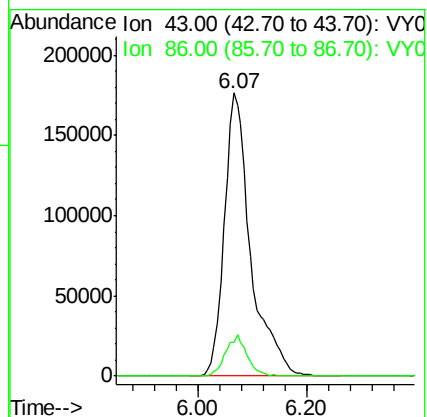
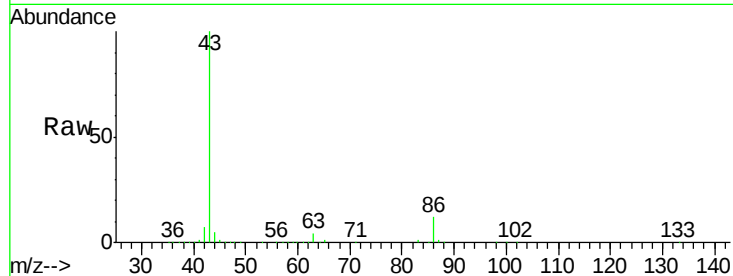
86 12.1 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 18.027 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

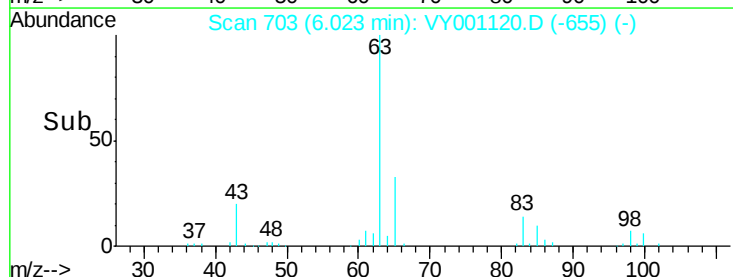
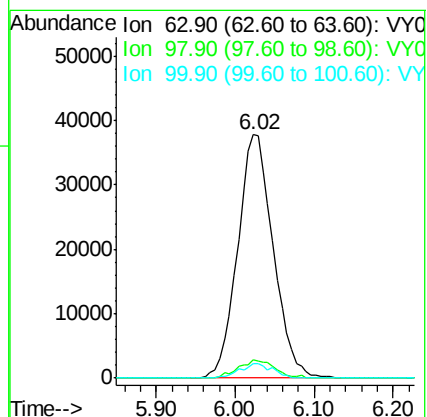
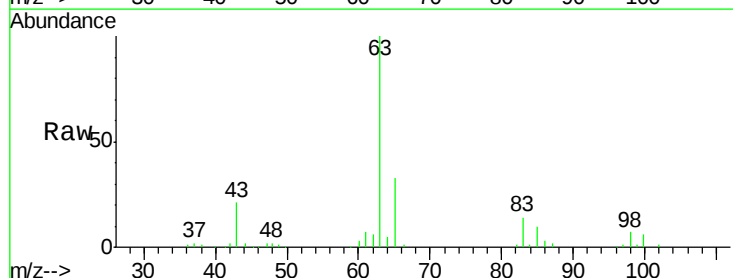
Tgt Ion: 63 Resp: 118367

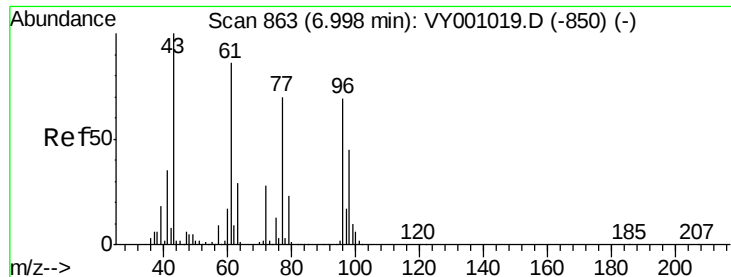
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 5.7 2.5 7.5





#25

2-Butanone

Concen: 90.229 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 43 Resp: 113438

Ion Ratio Lower Upper

43 100

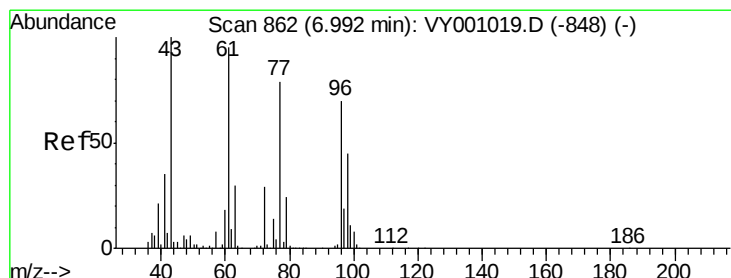
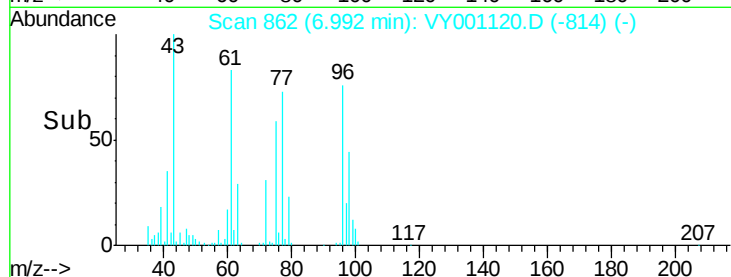
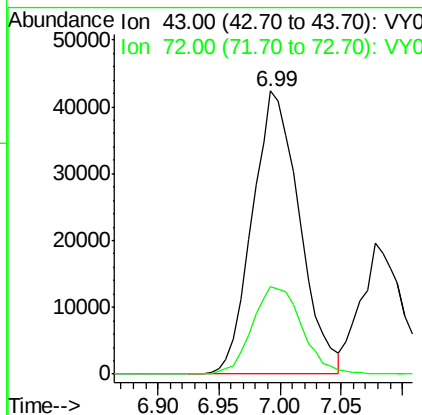
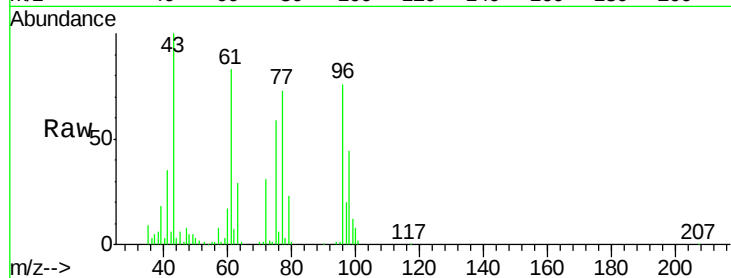
72 31.0 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 18.257 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001120.D

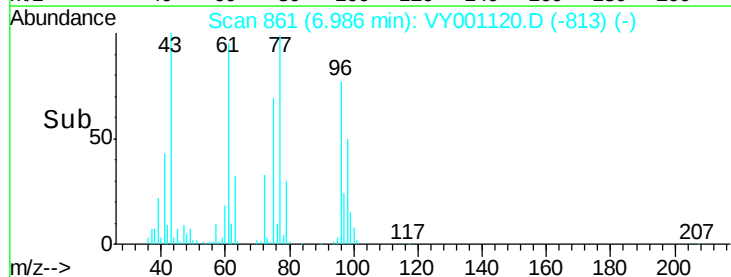
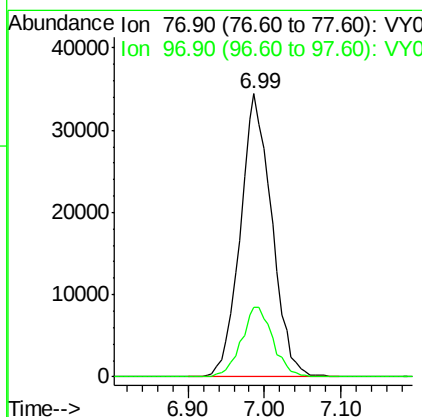
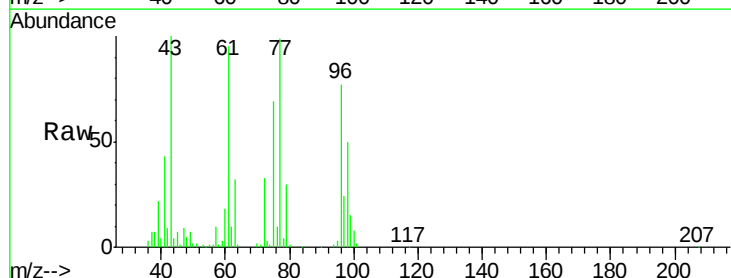
Acq: 30 Dec 2019 13:11

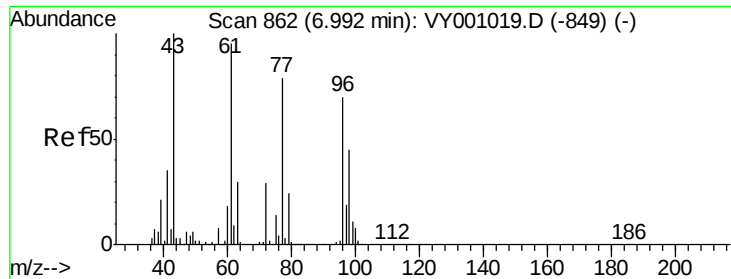
Tgt Ion: 77 Resp: 98486

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1





#27

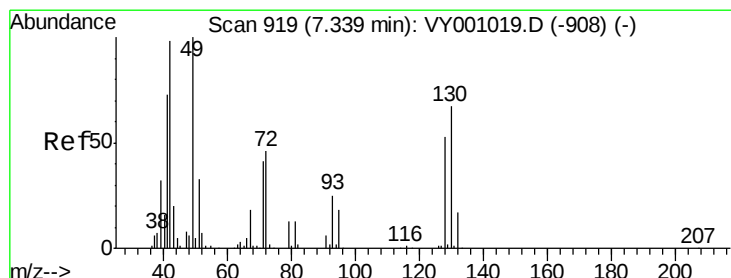
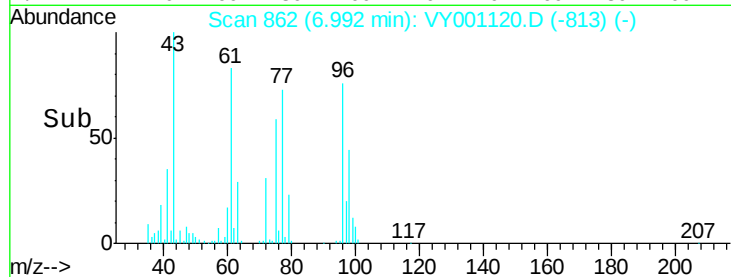
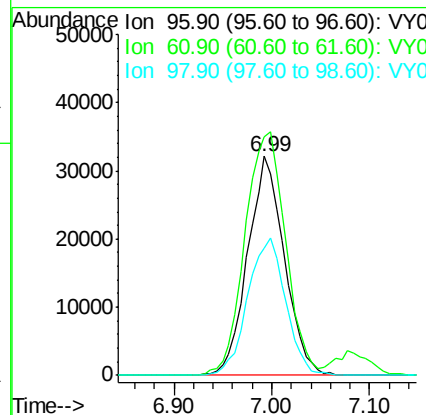
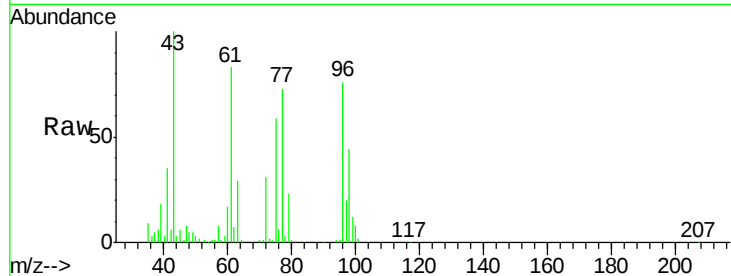
cis-1,2-Dichloroethene
Concen: 19.386 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	122.8	0.0	268.2	
98	64.8	0.0	129.2	

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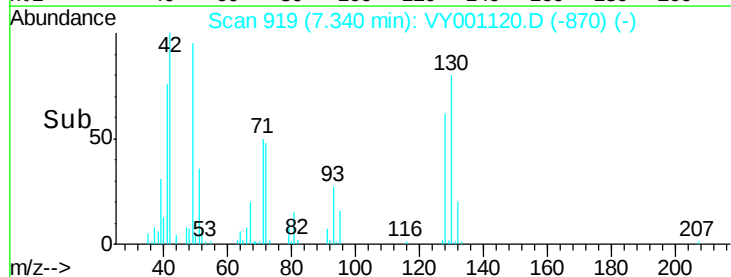
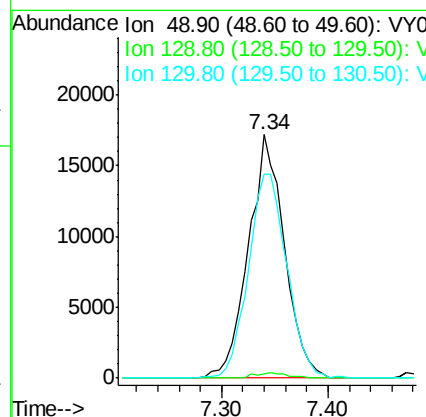
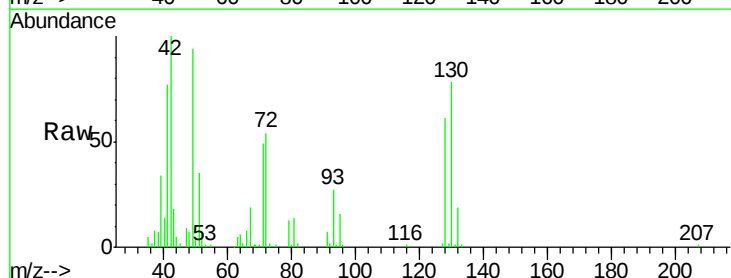
apatel
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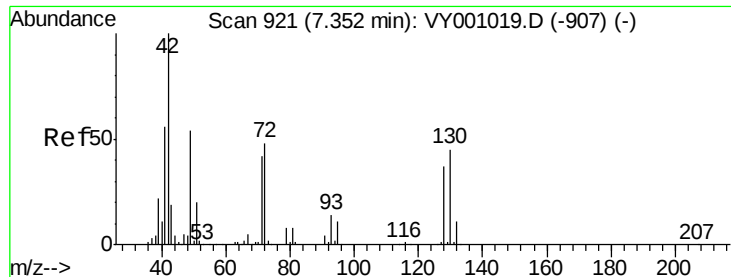


#28

Bromochloromethane
Concen: 15.919 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	89.8	60.4	90.6	





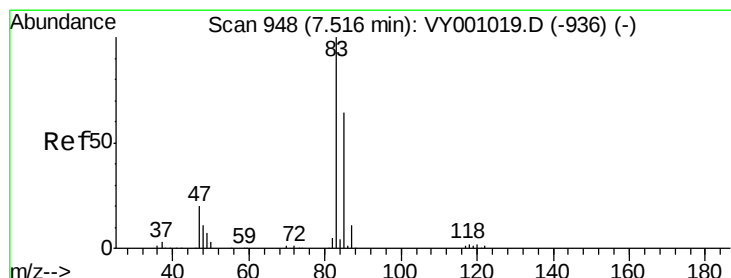
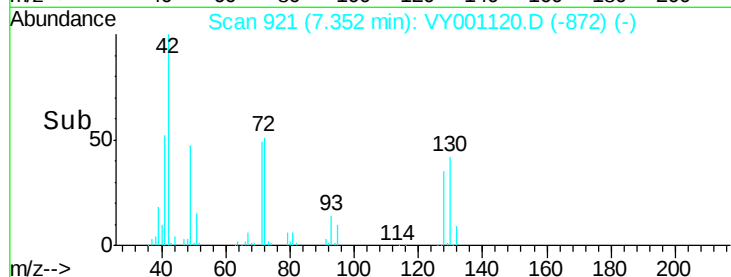
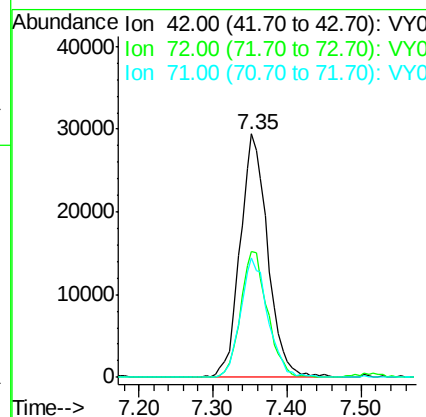
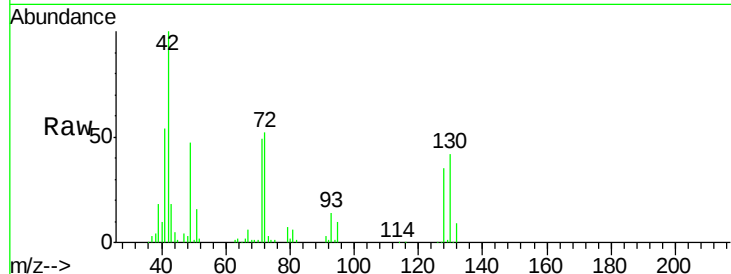
#29
Tetrahydrofuran
Concen: 85.719 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	37.7	56.5
71	48.3	34.6	51.8

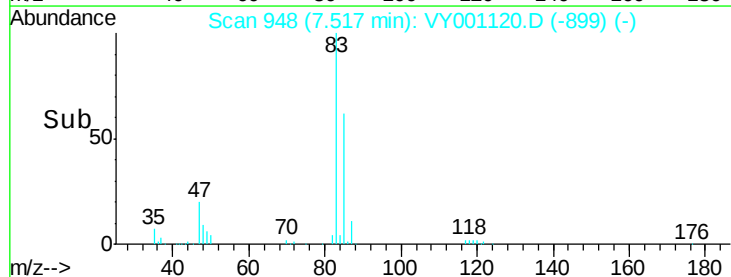
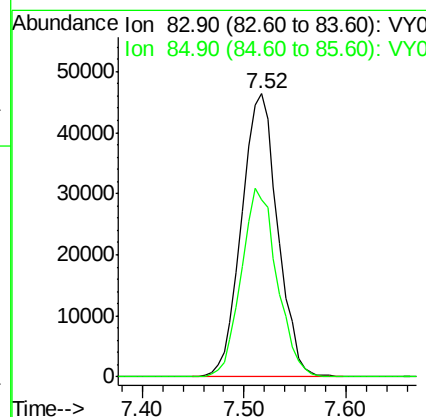
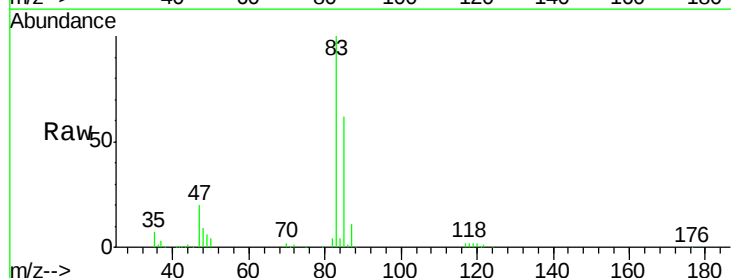
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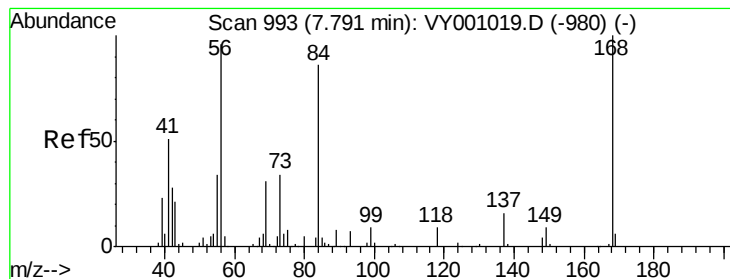
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#30
Chloroform
Concen: 18.351 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.6	77.4





#31

Cyclohexane

Concen: 17.809 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

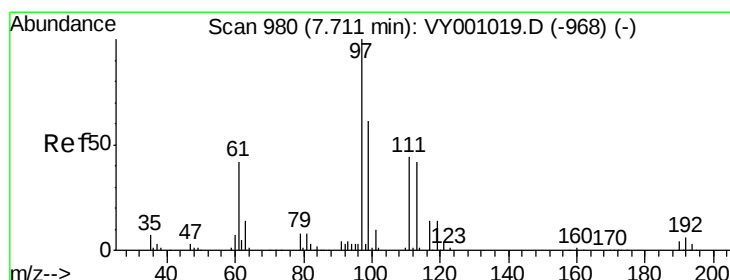
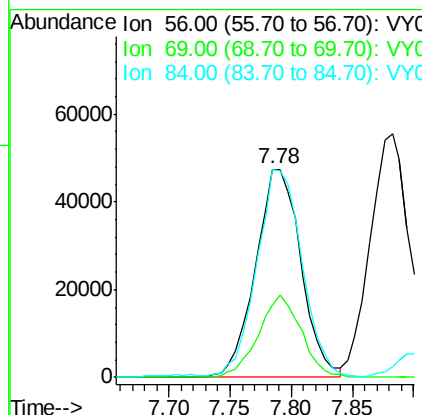
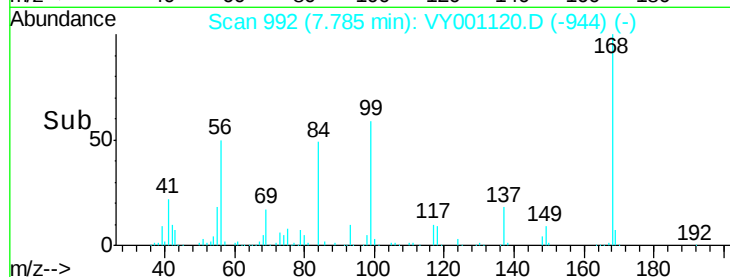
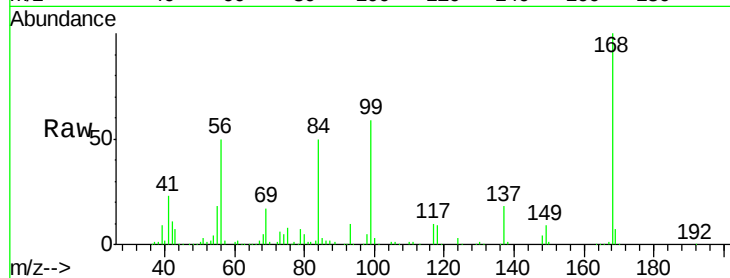
ClientSampleId :

VY1230SBS01

Tot Ion:	56	Resp:	122963
Ion Ratio	Lower	Upper	
56	100		
69	34.5	26.1	39.1
84	98.4	71.8	107.8

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#32

1,1,1-Trichloroethane

Concen: 18.726 ug/l

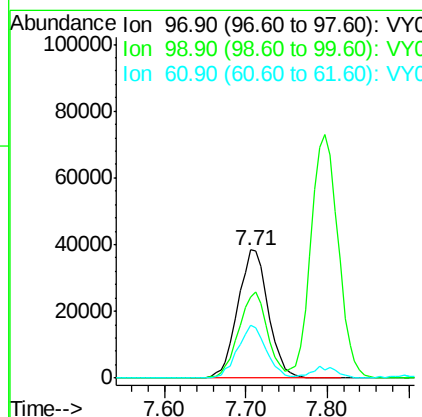
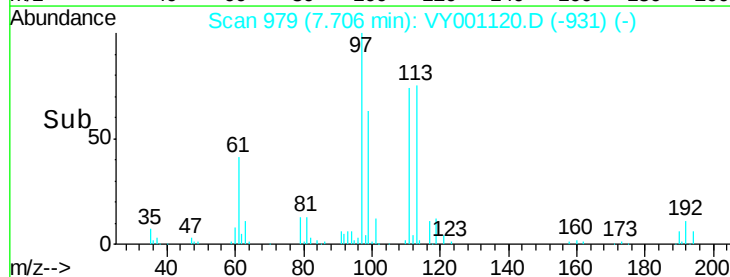
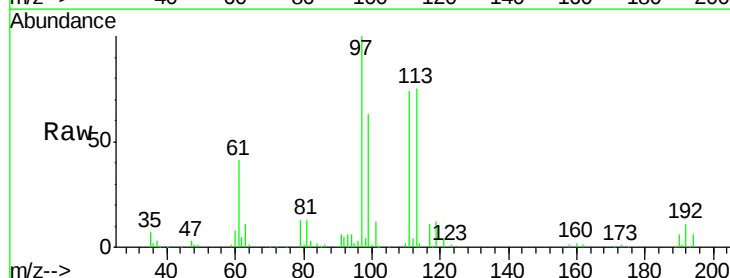
RT: 7.71 min Scan# 979

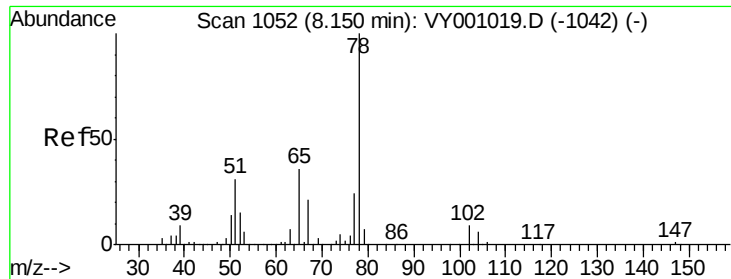
Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	97	Resp:	99176
Ion Ratio	Lower	Upper	
97	100		
99	63.3	50.6	76.0
61	38.2	33.0	49.6





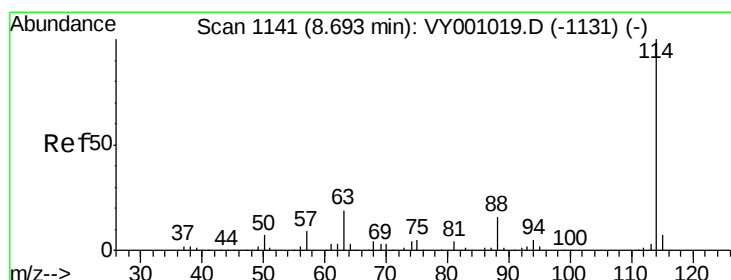
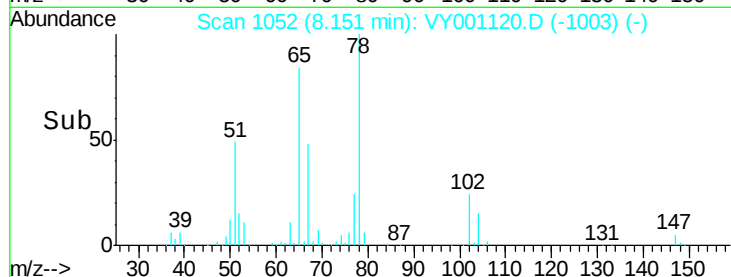
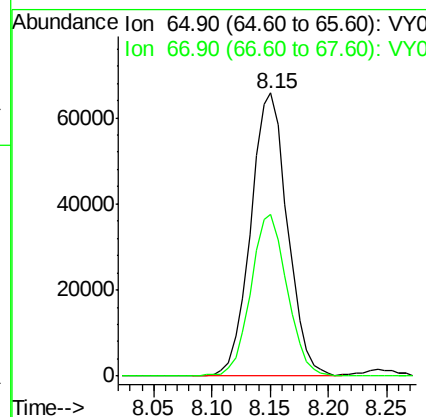
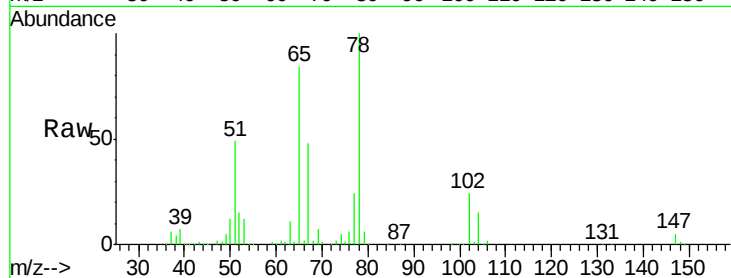
#33
 1,2-Dichloroethane-d4
 Concen: 46.420 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	144205		
67	56.7	0.0	112.8	

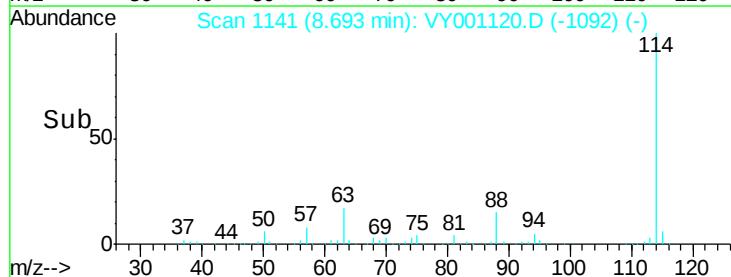
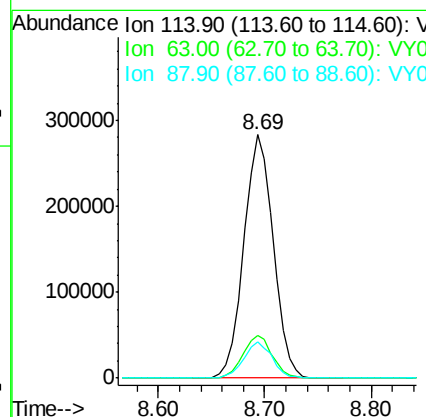
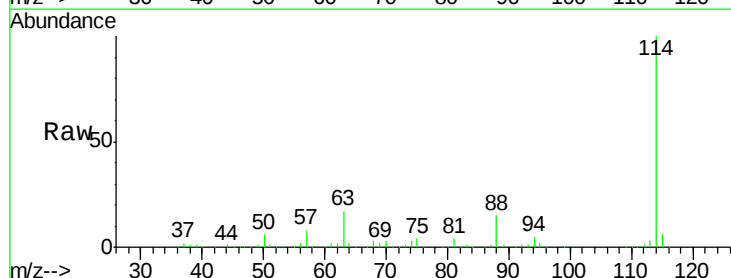
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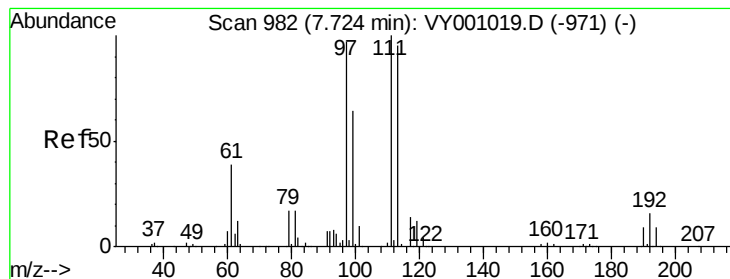
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	550319		
63	17.3	0.0	37.0	
88	14.8	0.0	32.0	





#35

Dibromofluoromethane

Concen: 47.719 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion:113 Resp: 154639

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

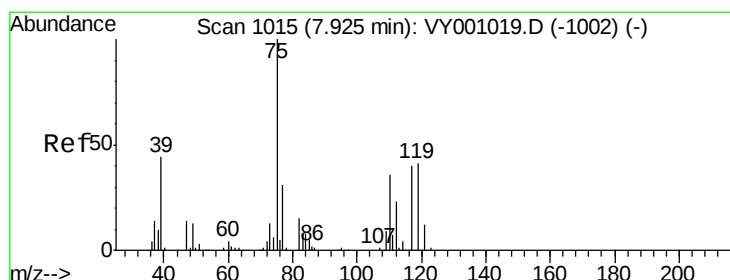
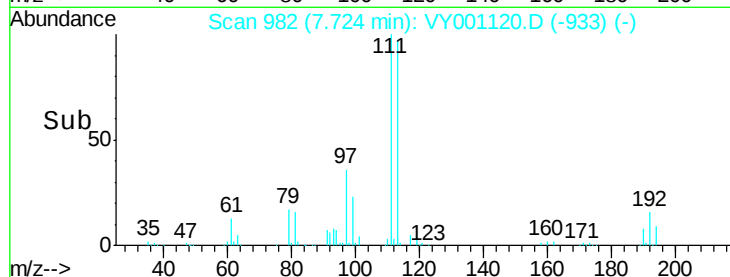
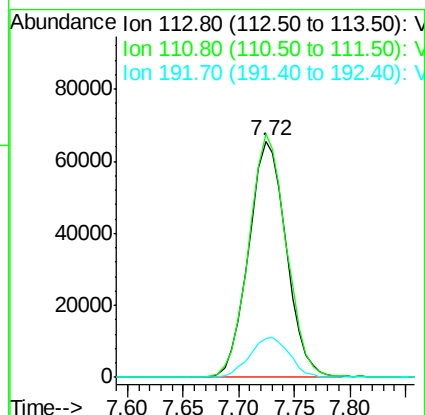
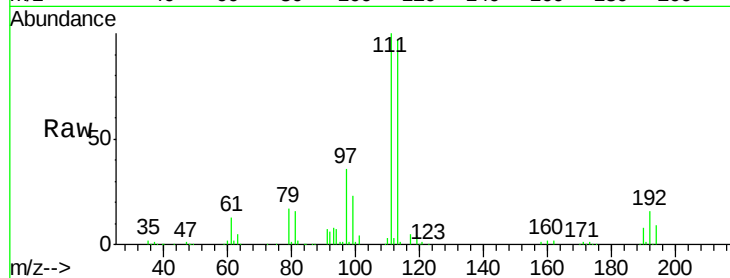
192 17.8 14.6 21.8

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#36

1,1-Dichloropropene

Concen: 18.511 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

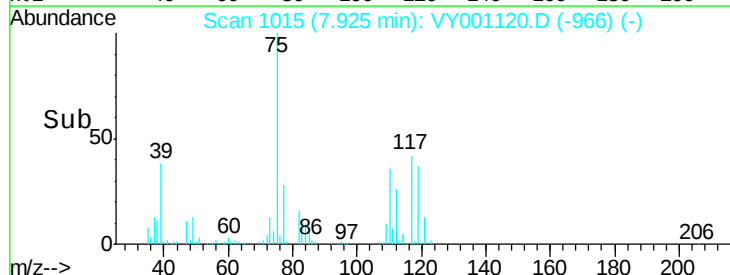
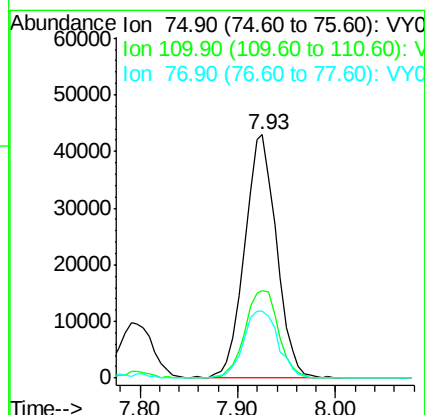
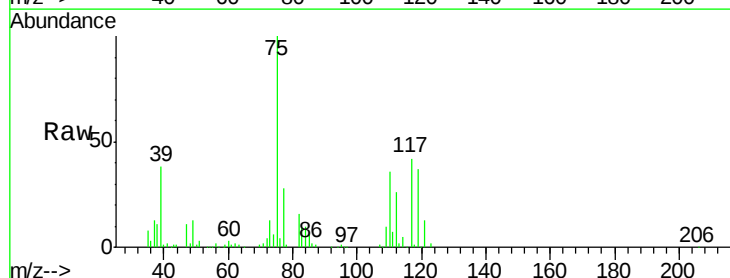
Tgt Ion: 75 Resp: 97180

Ion Ratio Lower Upper

75 100

110 37.8 18.1 54.4

77 30.3 24.6 37.0





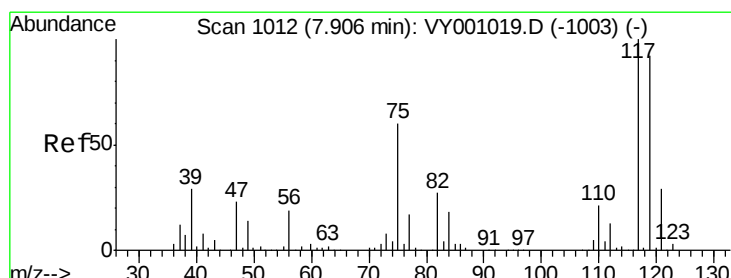
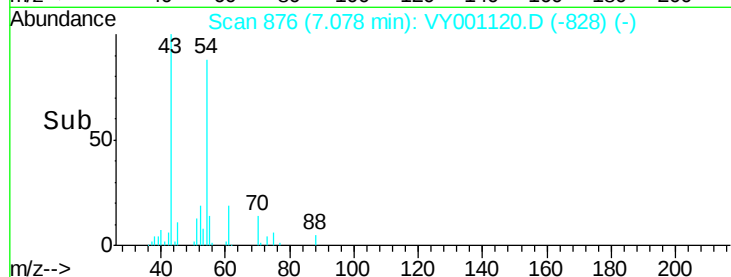
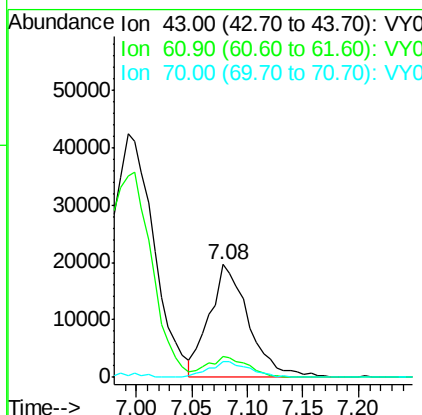
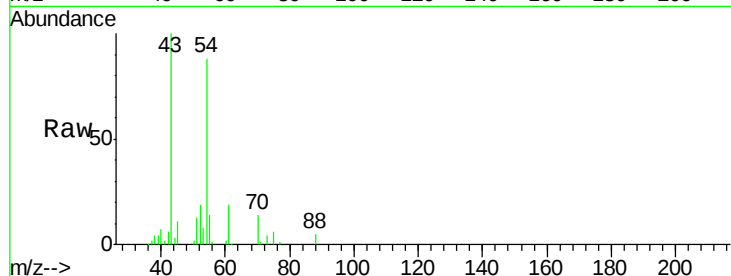
#37
Ethyl Acetate
Concen: 16.348 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	12.5	18.7#
70	14.6	9.0	13.4#

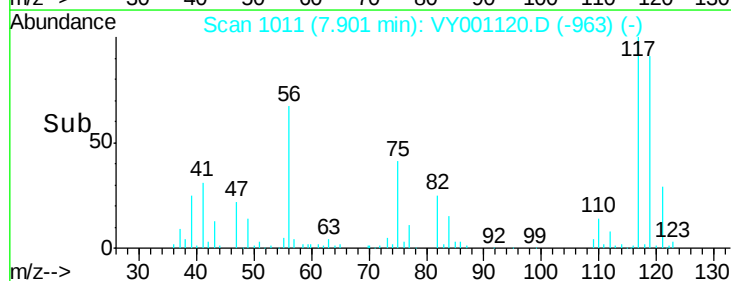
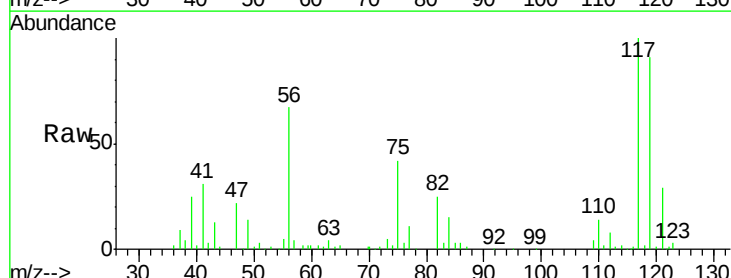
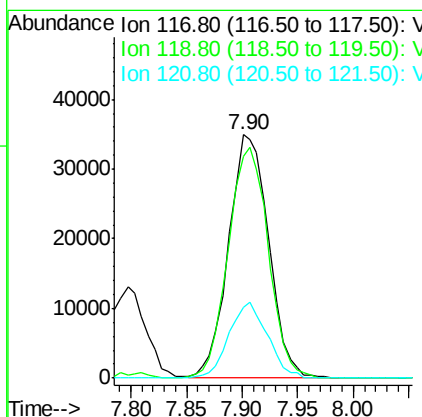
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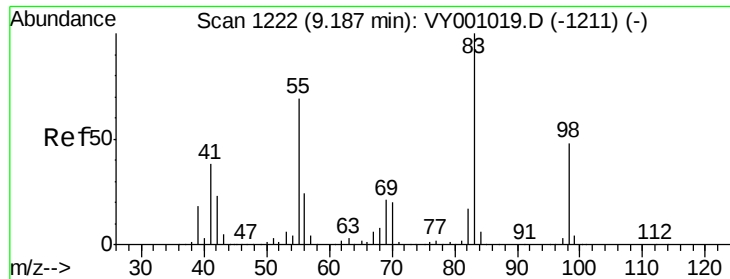
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#38
Carbon Tetrachloride
Concen: 18.987 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	74.2	111.2
121	28.9	22.9	34.3





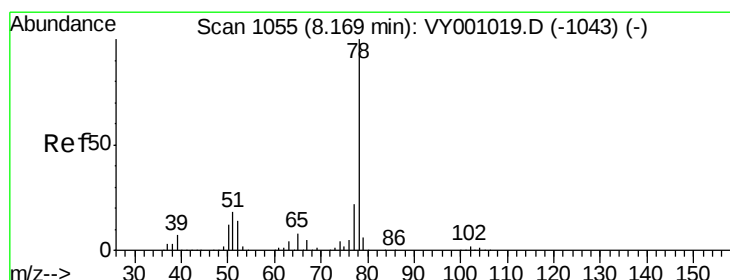
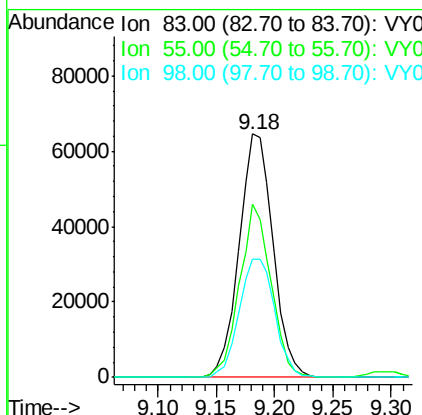
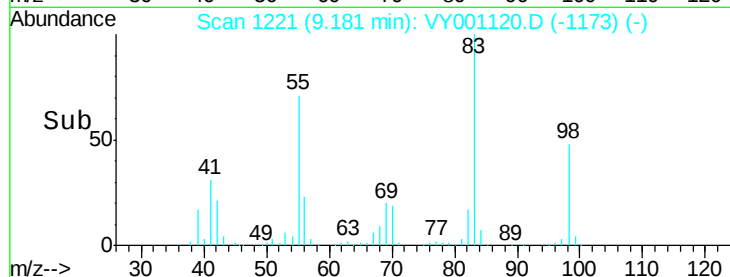
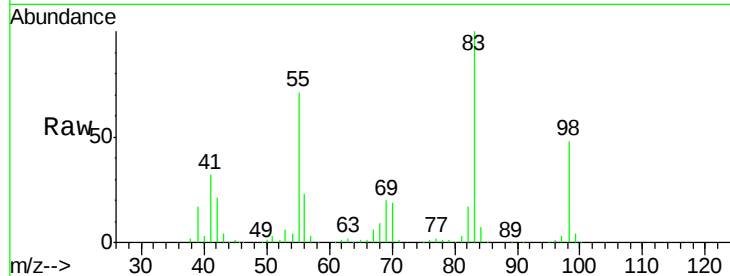
#39
Methvlcvclohexane
Concen: 18.810 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.2	55.1	82.7	
98	48.5	38.3	57.5	

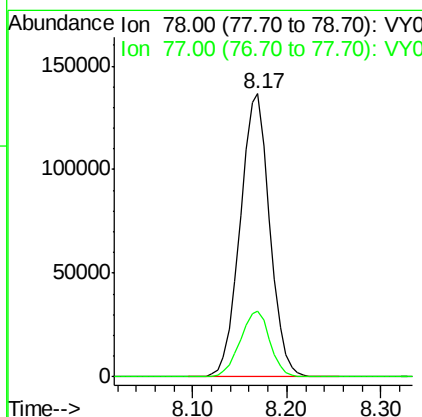
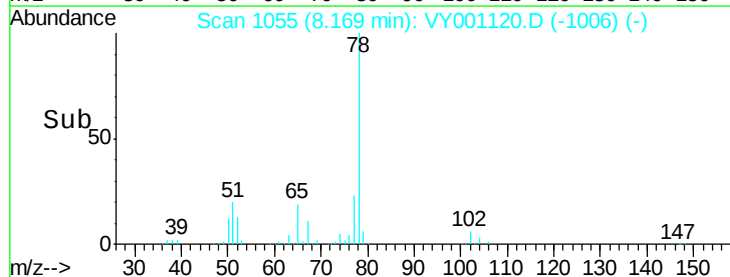
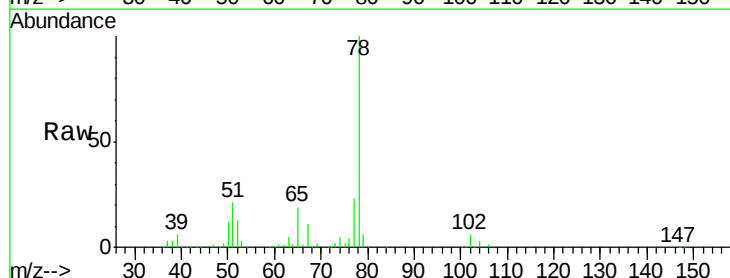
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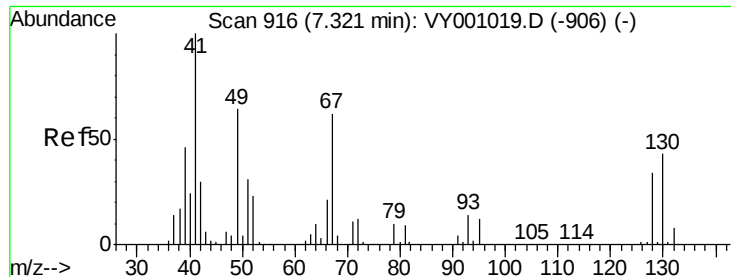
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#40
Benzene
Concen: 18.893 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	17.7	26.5	





#41

Methacrylonitrile

Concen: 18.098 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 41 Resp: 22809

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

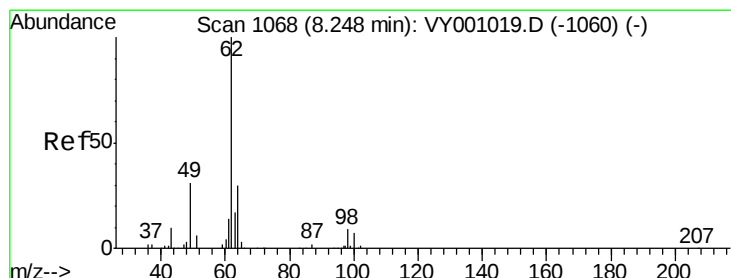
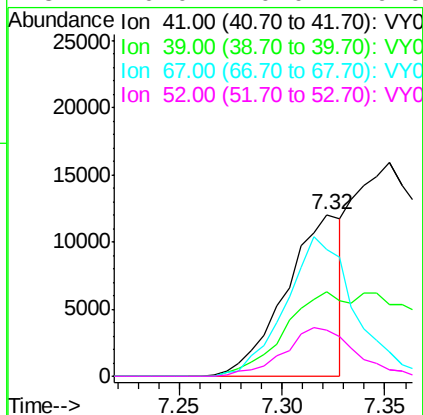
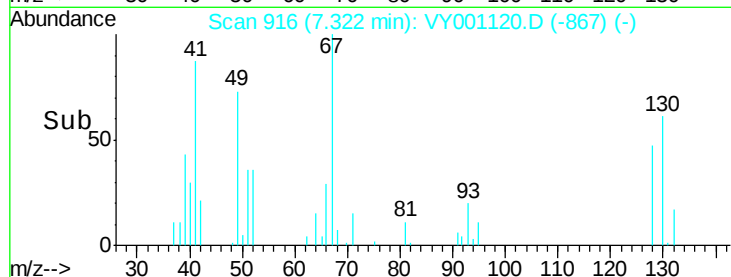
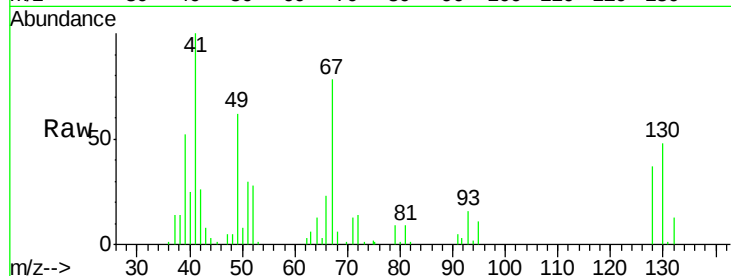
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.409 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001120.D

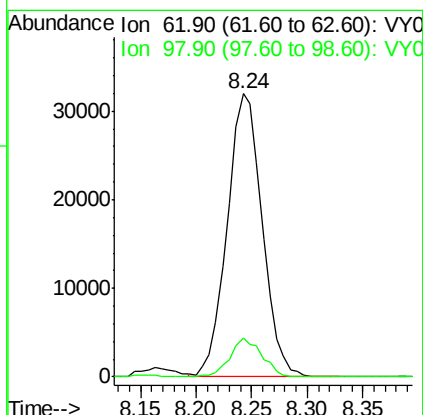
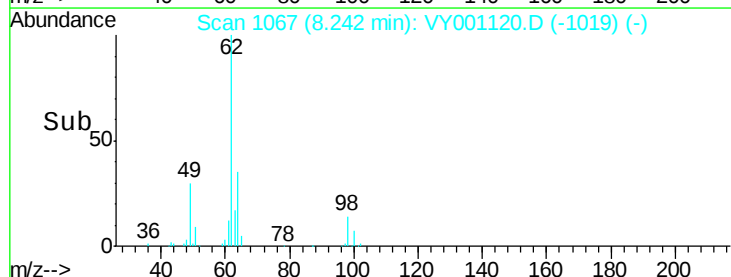
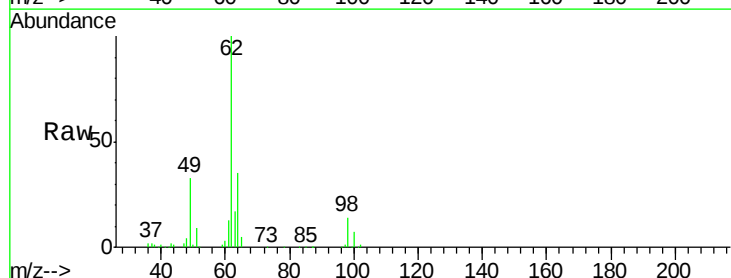
Acq: 30 Dec 2019 13:11

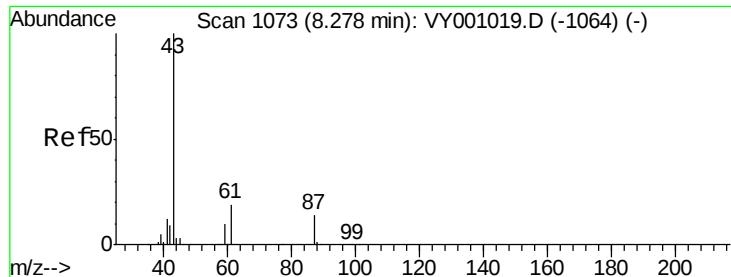
Tgt Ion: 62 Resp: 69711

Ion Ratio Lower Upper

62 100

98 12.5 0.0 23.4





#43

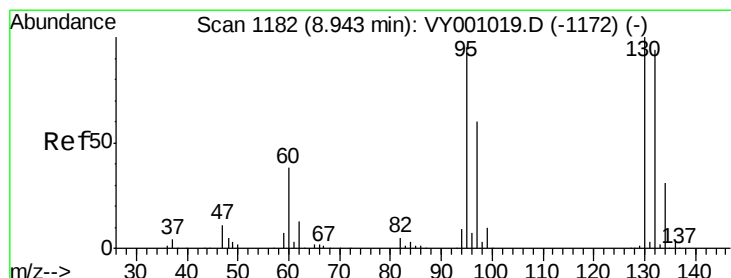
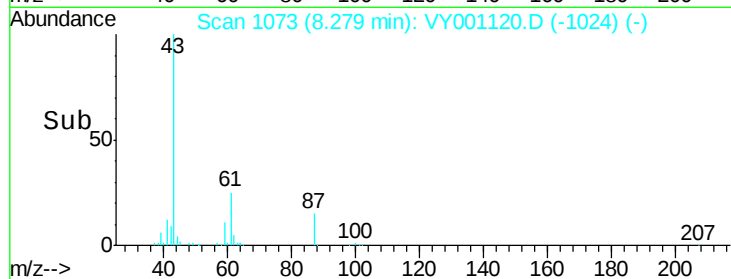
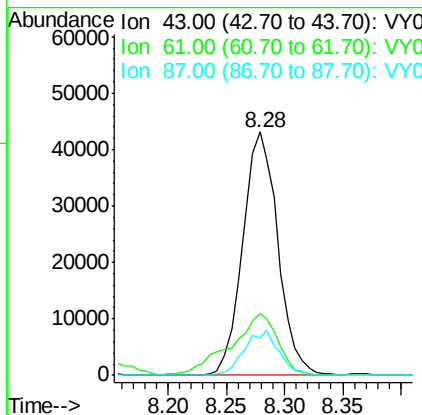
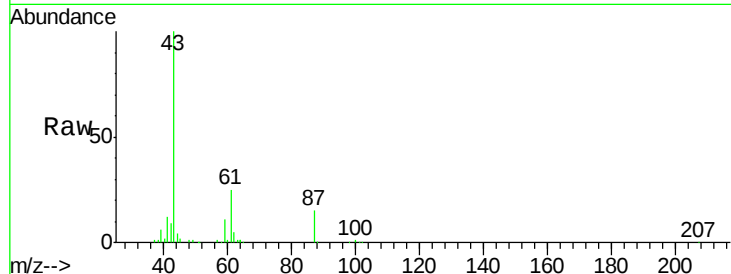
Isopropyl Acetate
 Concen: 16.883 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.1	25.0	37.6
87	18.2	12.0	18.0

Manual Integrations
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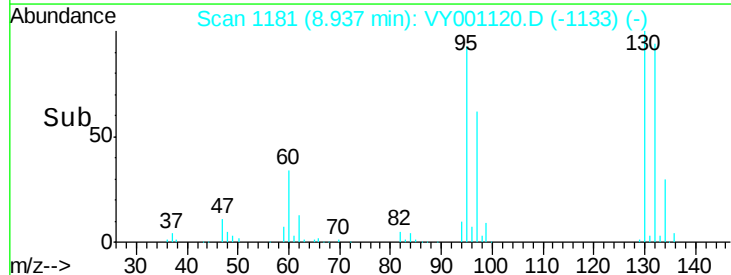
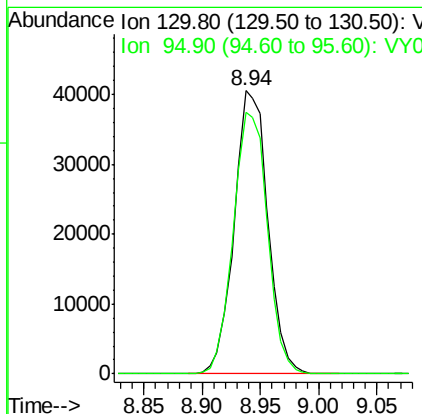
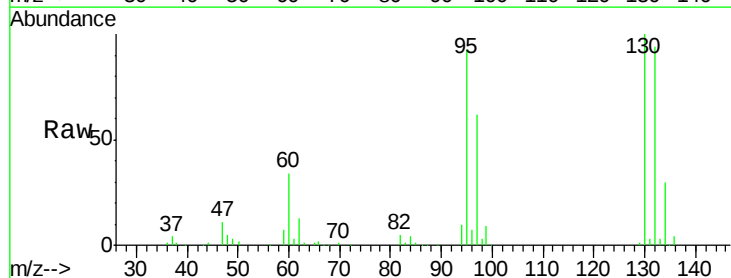
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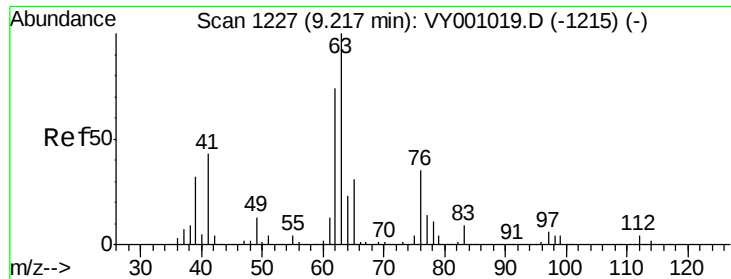


#44

Trichloroethene
 Concen: 19.557 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	190.6





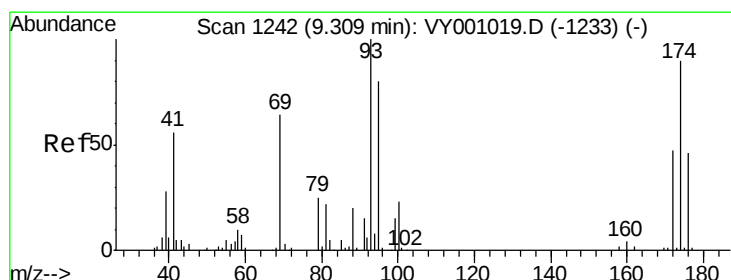
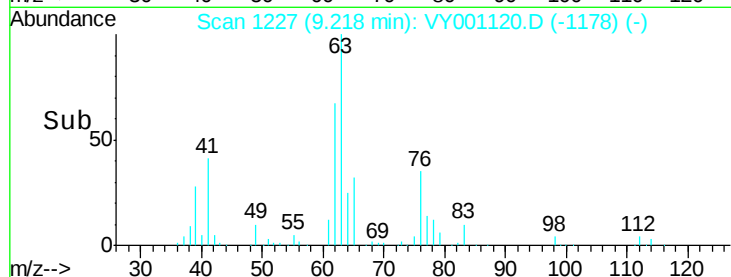
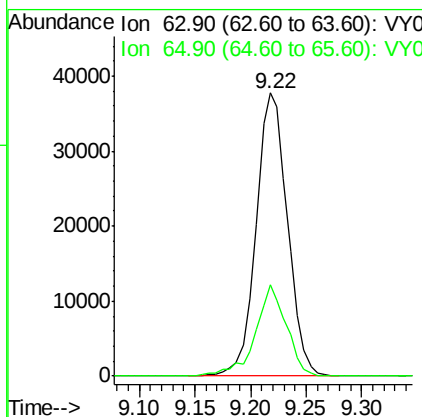
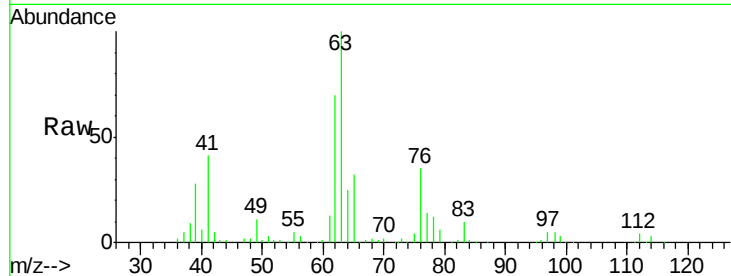
#45
 1,2-Dichloropropane
 Concen: 18.644 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion: 63 Resp: 74079
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.1 37.7

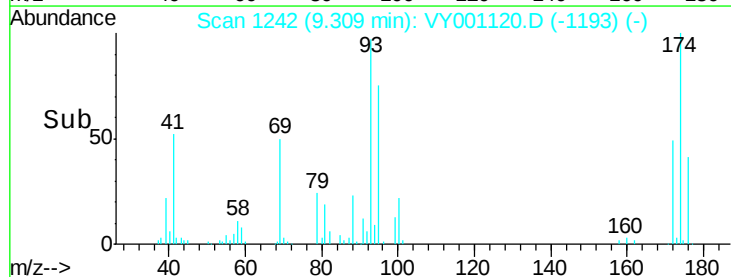
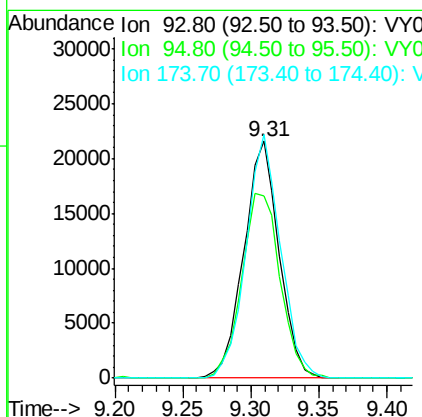
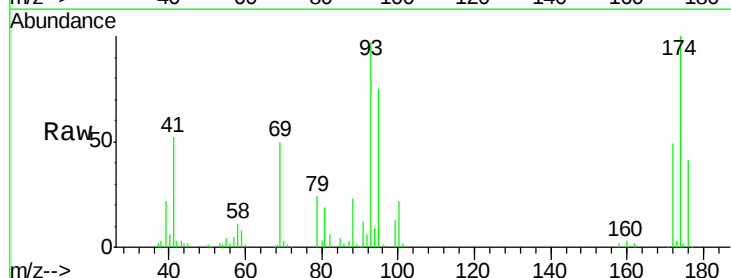
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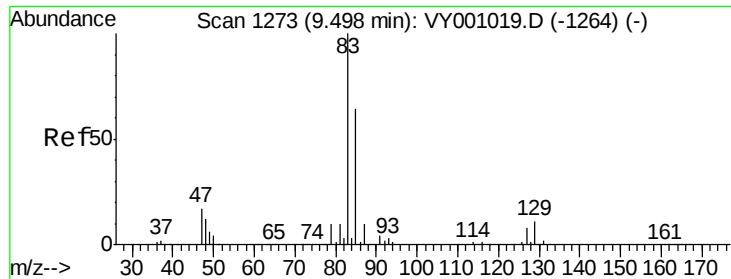
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#46
 Dibromomethane
 Concen: 19.107 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 93 Resp: 39135
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 100.4 73.6 110.4





#47

Bromodichloromethane

Concen: 18.459 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

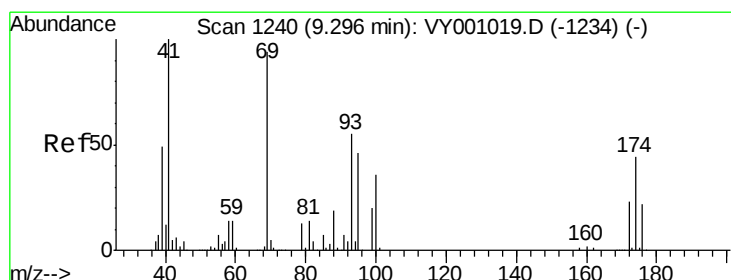
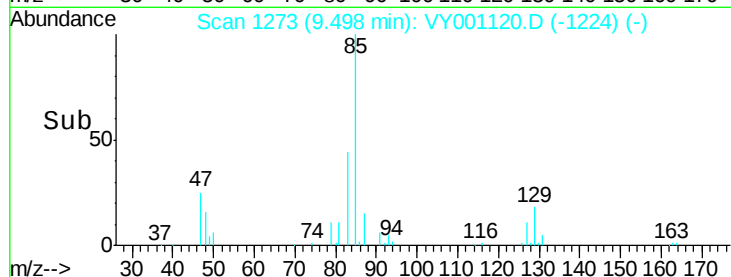
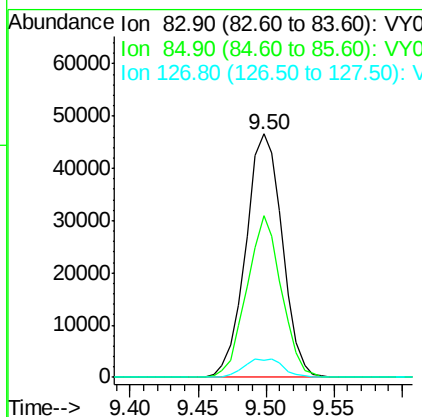
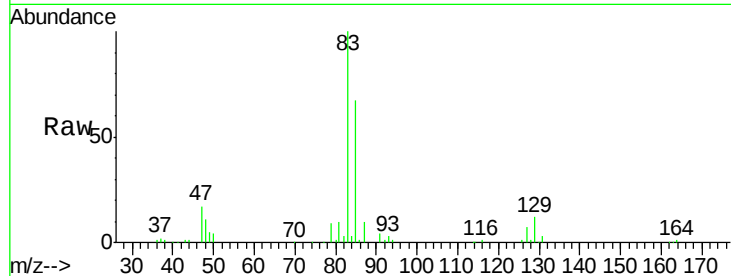
ClientSampleId :

VY1230SBS01

Tot Ion:	83	Resp:	87578
Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.9	76.3
127	7.0	6.4	9.6

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#48

Methyl methacrylate

Concen: 16.902 ug/l

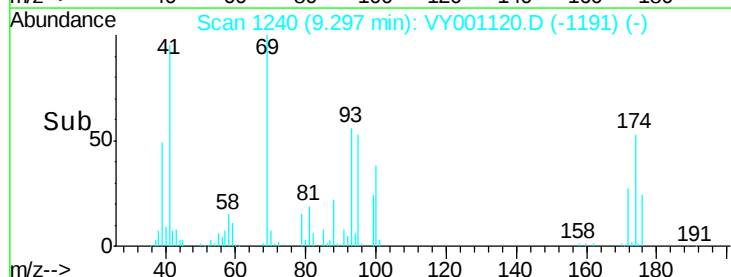
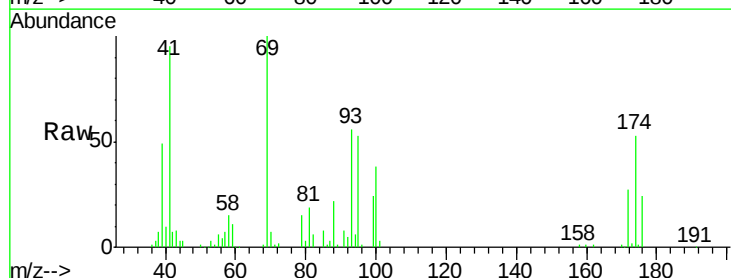
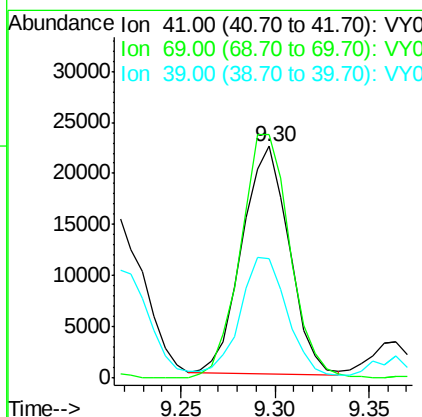
RT: 9.30 min Scan# 1240

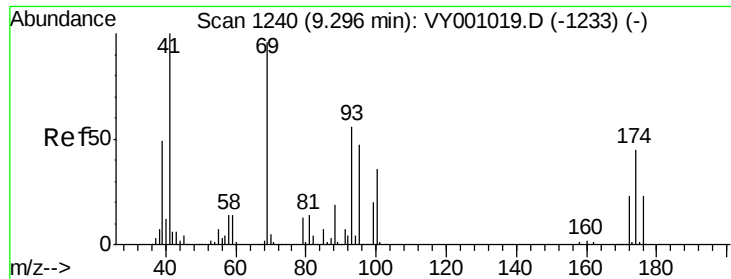
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	41	Resp:	38813
Ion	Ratio	Lower	Upper
41	100		
69	111.8	79.8	119.6
39	54.7	41.7	62.5





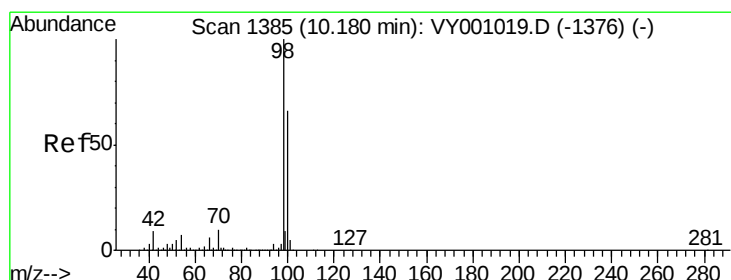
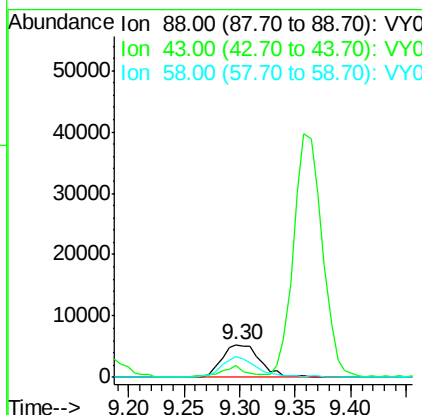
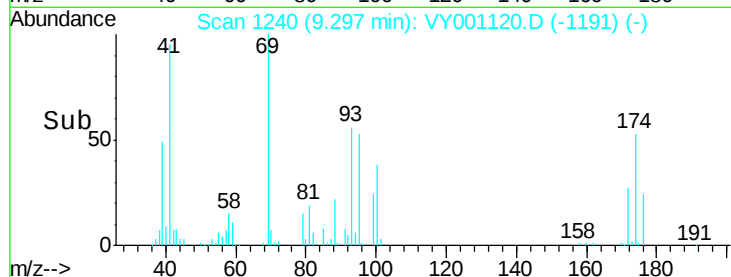
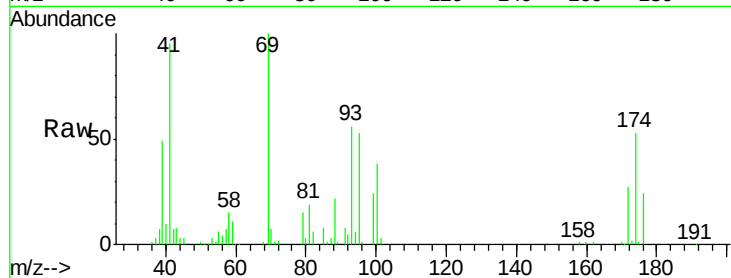
#49
1,4-Dioxane
Concen: 424.537 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	88	Resp	12720
Ion	Ratio	Lower	Upper
88	100		
43	24.0	23.0	34.4
58	58.1	54.9	82.3

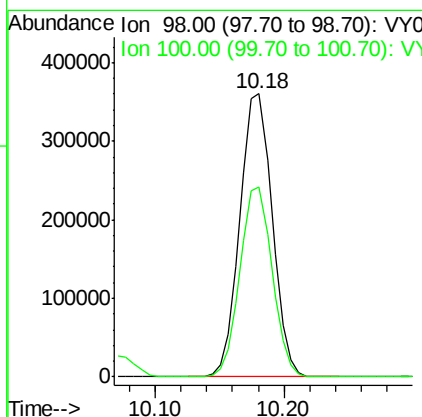
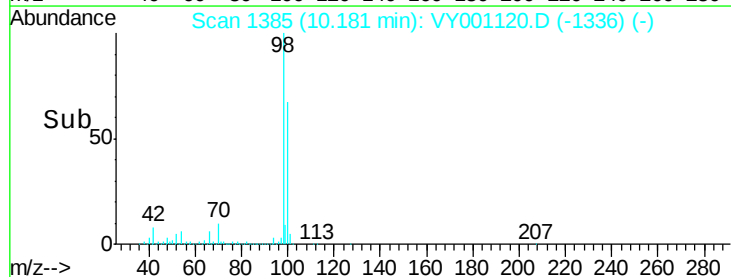
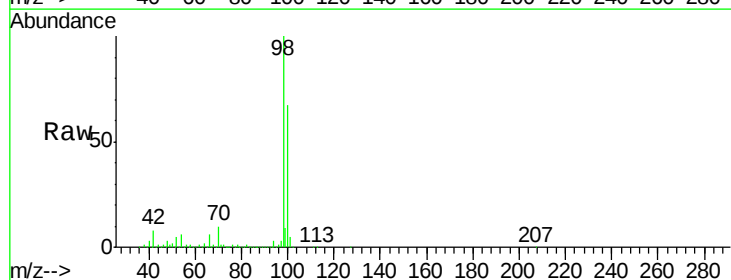
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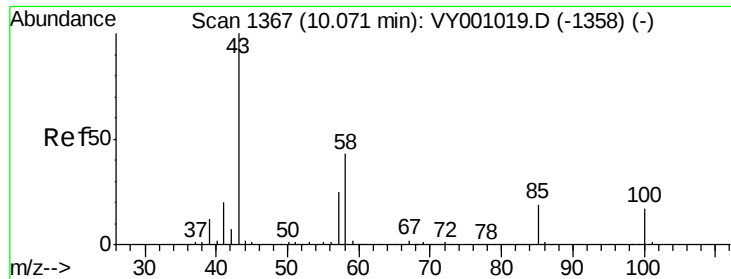
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#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	98	Resp	627536
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 86.267 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 43 Resp: 241961

Ion Ratio Lower Upper

43 100

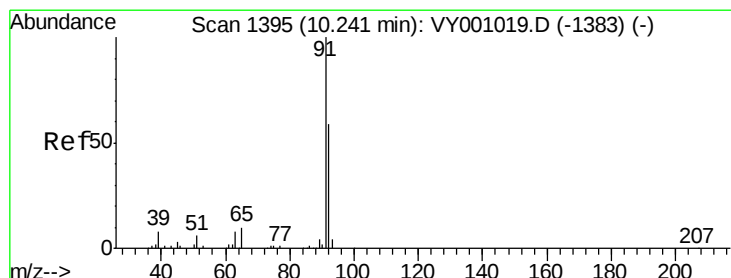
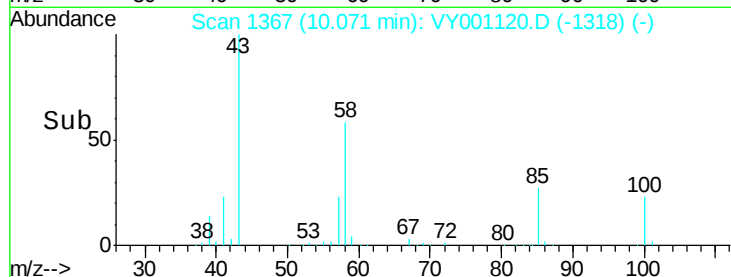
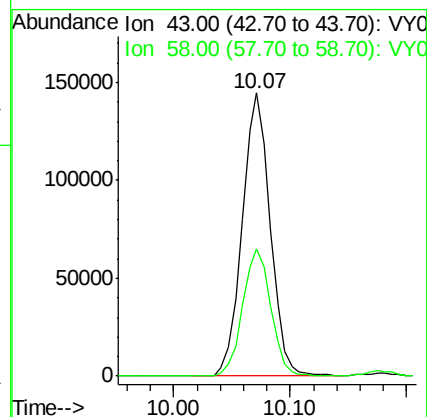
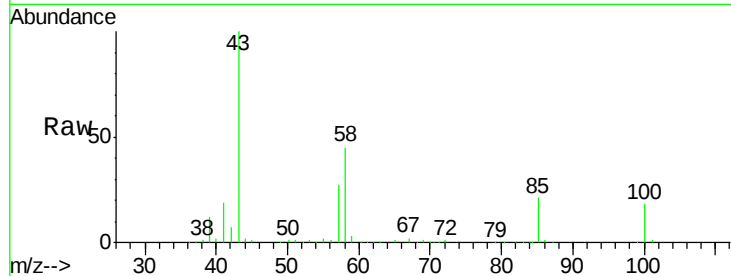
58 45.4 34.6 52.0

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#52

Toluene

Concen: 19.180 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001120.D

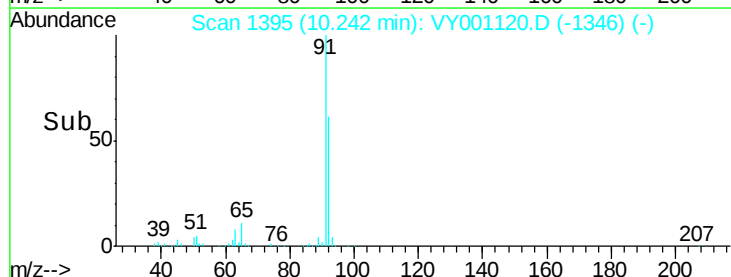
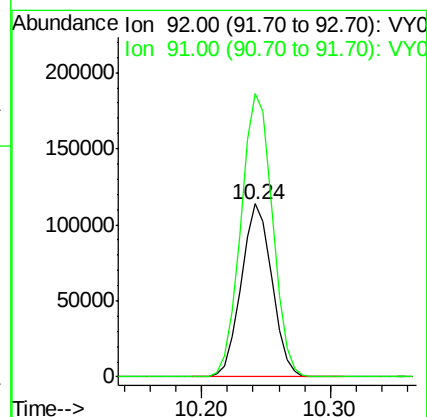
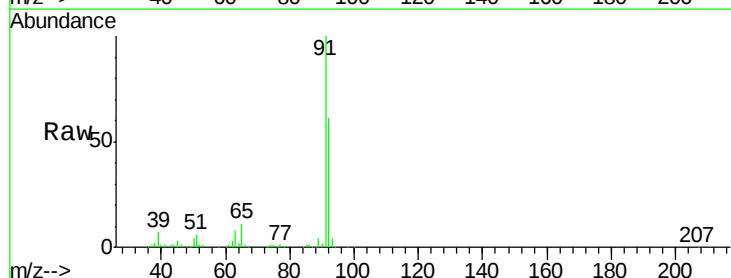
Acq: 30 Dec 2019 13:11

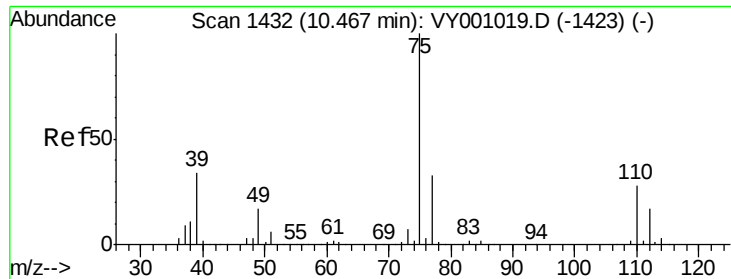
Tgt Ion: 92 Resp: 186980

Ion Ratio Lower Upper

92 100

91 168.2 135.7 203.5





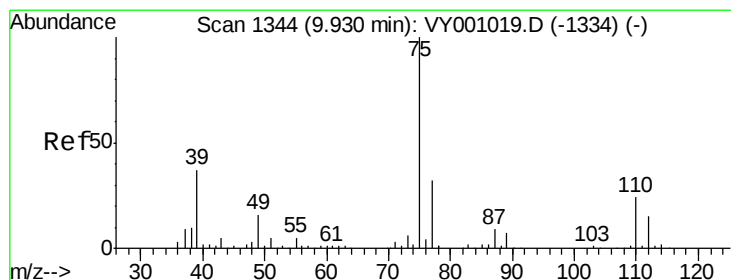
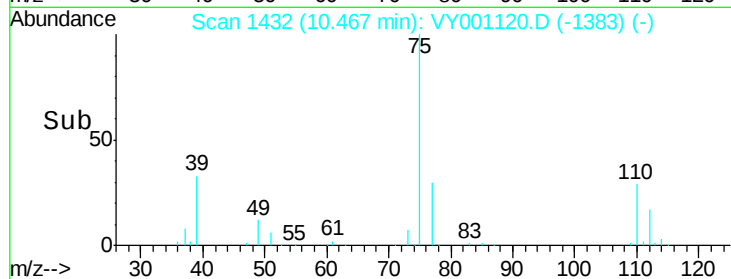
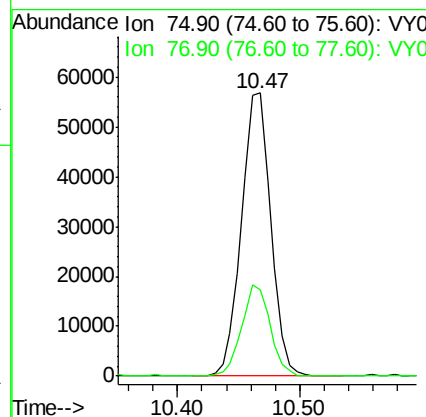
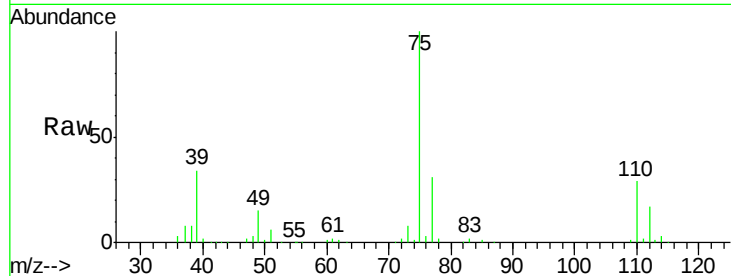
#53
t-1,3-Dichloropropene
Concen: 18.334 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion: 75 Resp: 94403
Ion Ratio Lower Upper
75 100
77 30.5 26.5 39.7

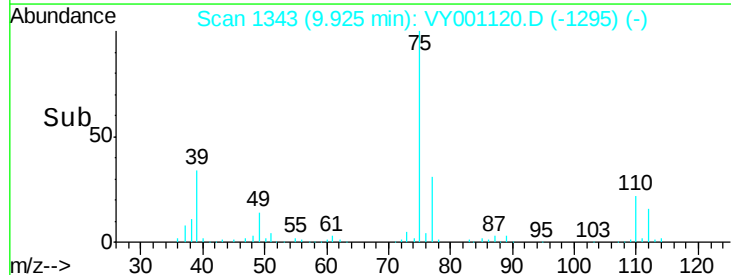
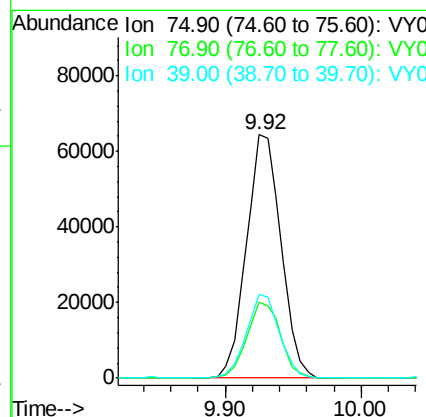
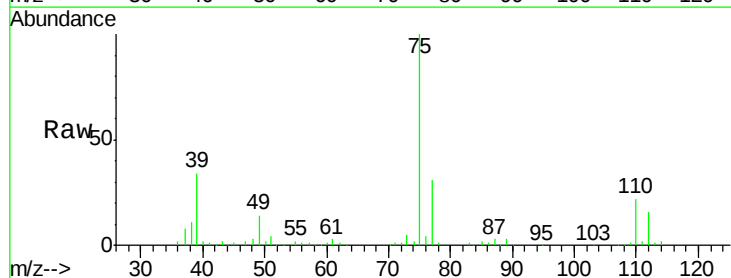
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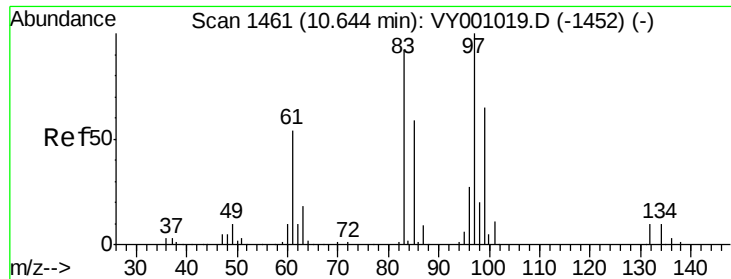
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#54
cis-1,3-Dichloropropene
Concen: 18.482 ug/l
RT: 9.92 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 75 Resp: 114431
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 34.1 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 19.838 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

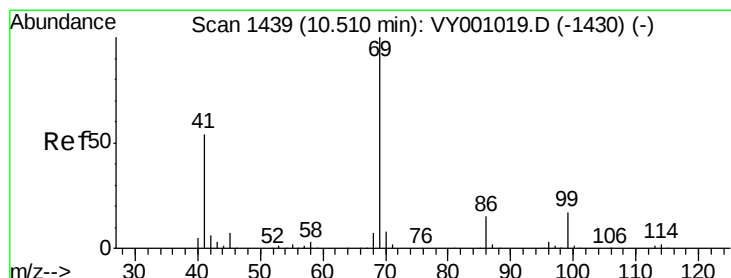
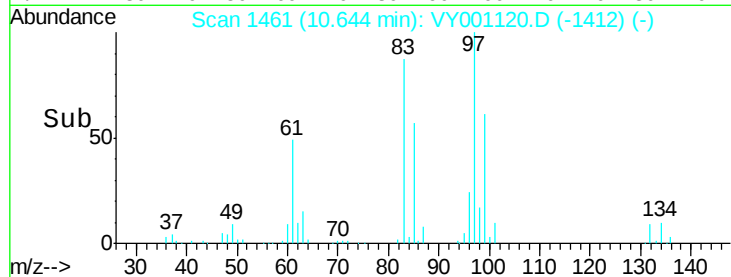
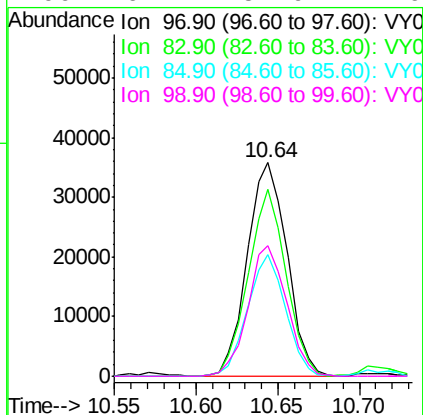
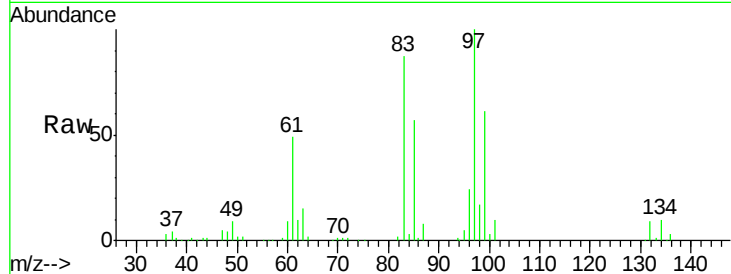
ClientSampleId :

VY1230SBS01

Tot Ion:	97	Resp:	60659
Ion	Ratio	Lower	Upper
97	100		
83	87.3	73.7	110.5
85	57.0	47.3	70.9
99	61.4	51.9	77.9

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#56

Ethyl methacrylate

Concen: 18.207 ug/l

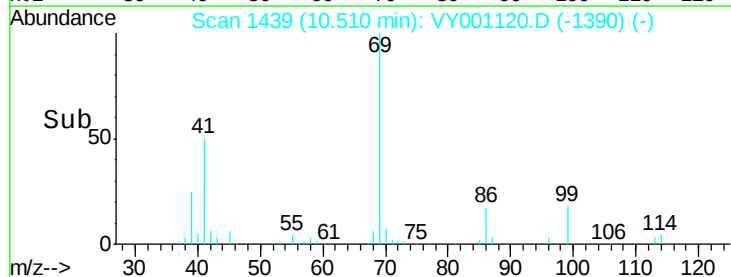
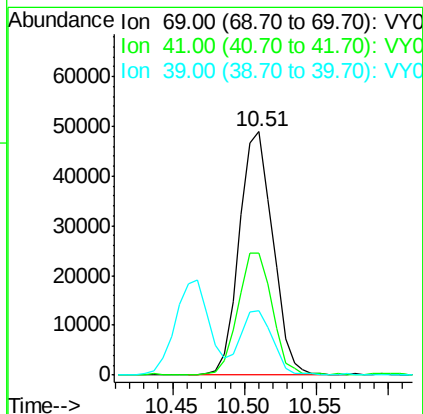
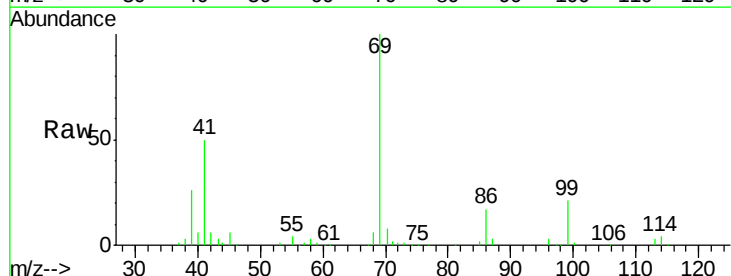
RT: 10.51 min Scan# 1439

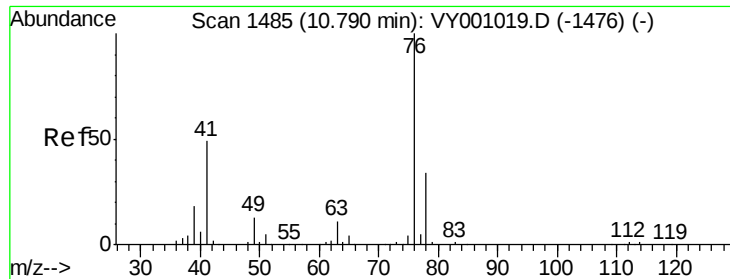
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	69	Resp:	79235
Ion	Ratio	Lower	Upper
69	100		
41	51.6	44.7	67.1
39	25.4	22.2	33.4





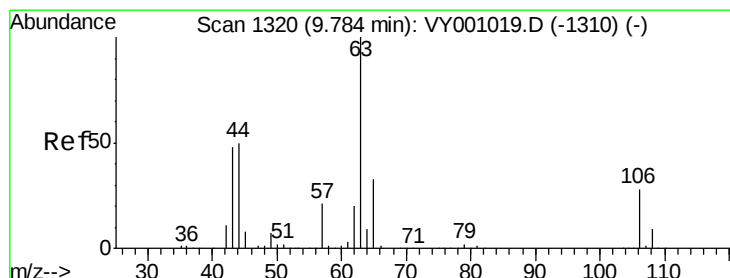
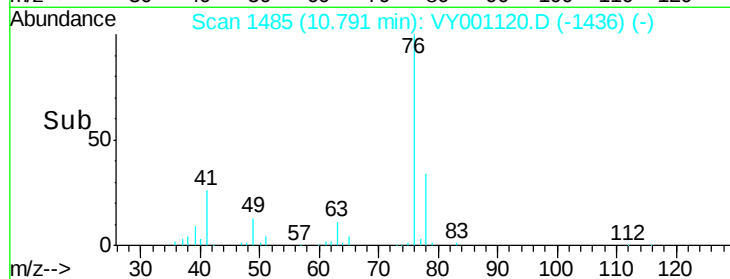
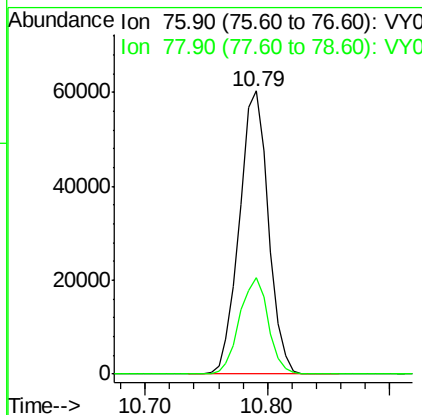
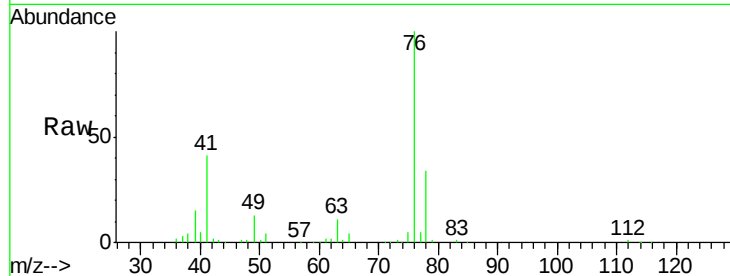
#57
 1,3-Dichloropropane
 Concen: 18.525 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion: 76 Resp: 99287
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8

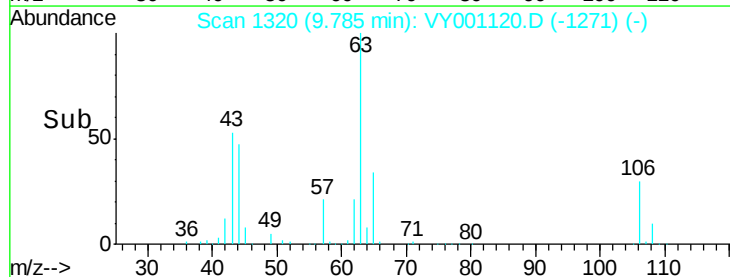
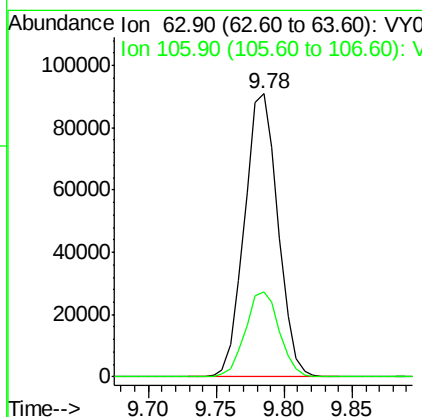
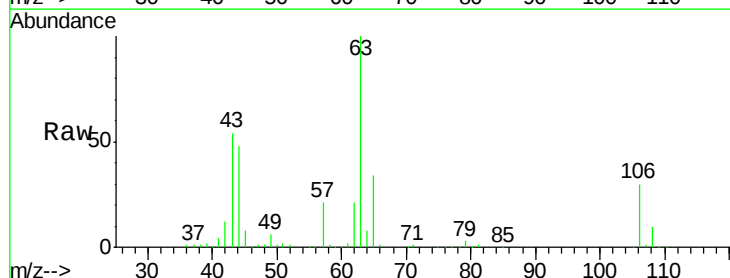
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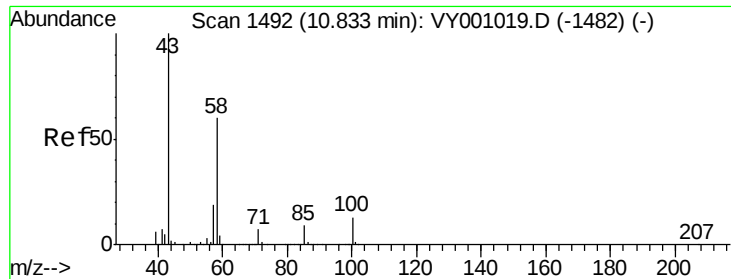
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.502 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 63 Resp: 157164
 Ion Ratio Lower Upper
 63 100
 106 30.4 22.7 34.1





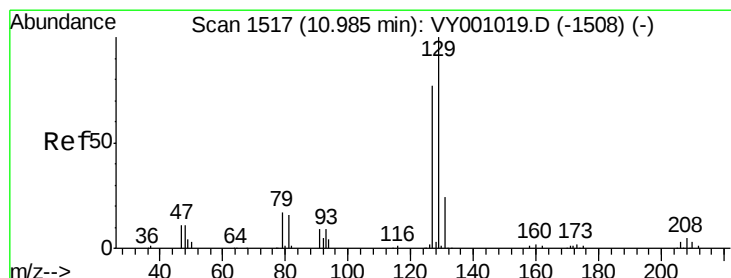
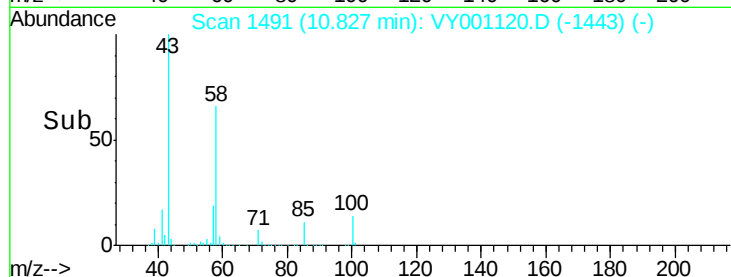
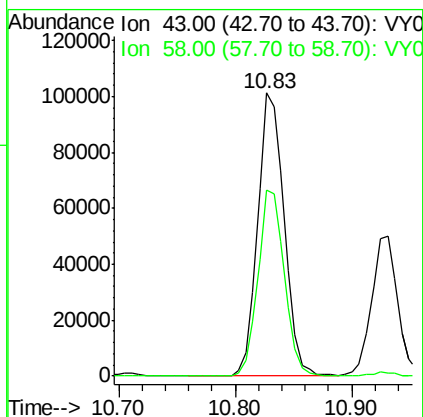
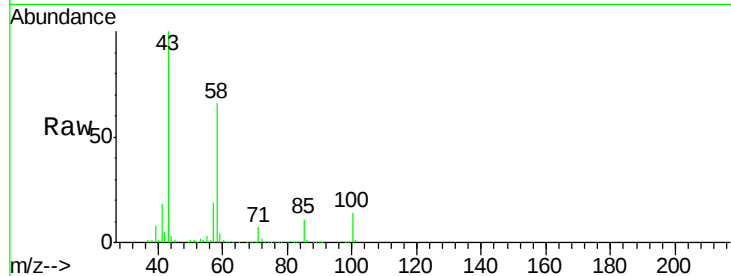
#59
2-Hexanone
Concen: 82.885 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion: 43 Resp: 160860
Ion Ratio Lower Upper
43 100
58 65.2 30.6 91.6

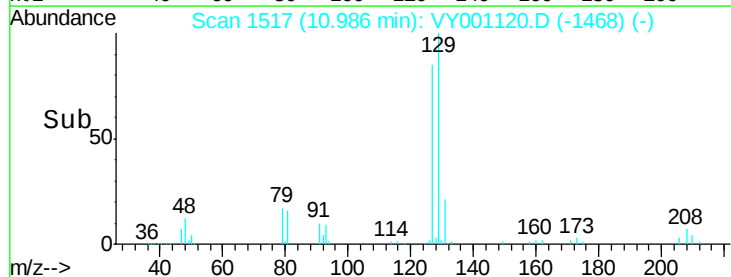
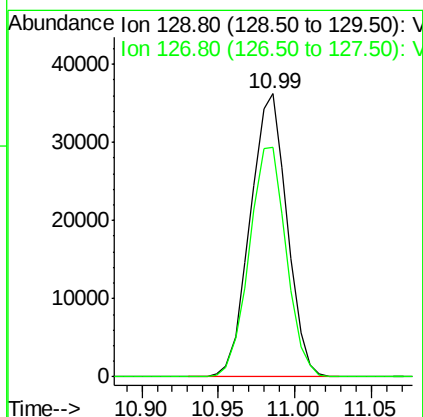
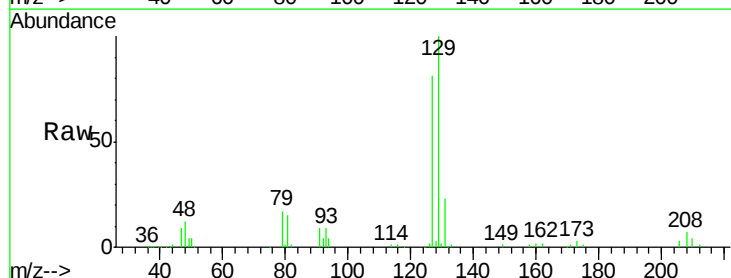
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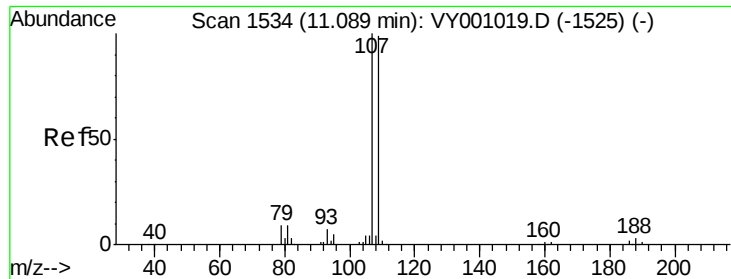
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#60
Dibromochloromethane
Concen: 18.601 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 129 Resp: 60755
Ion Ratio Lower Upper
129 100
127 81.4 39.1 117.3





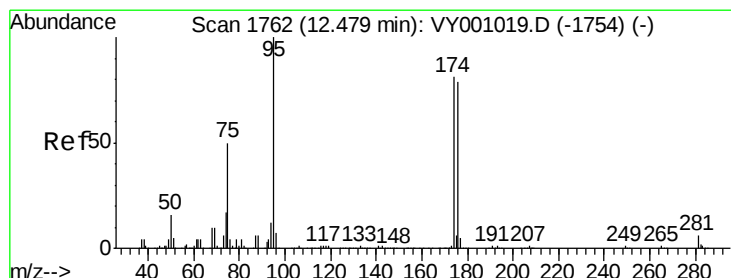
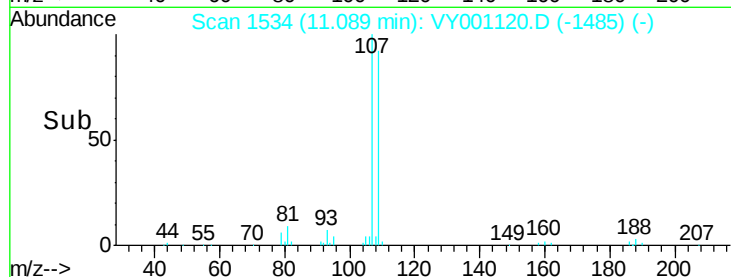
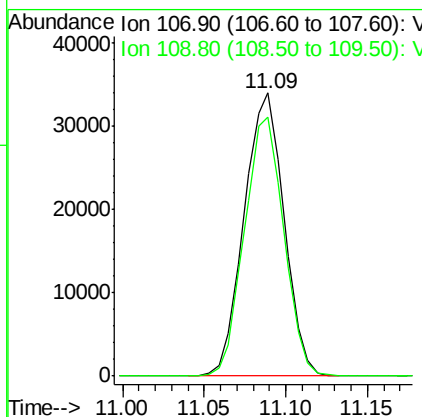
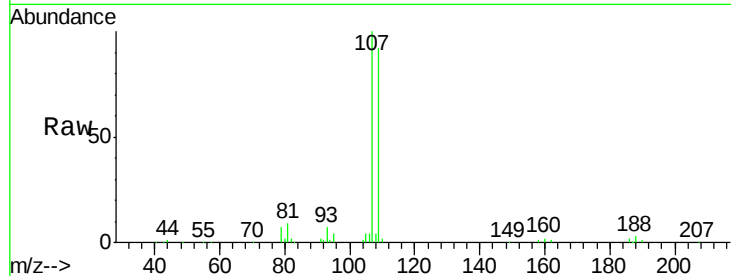
#61
 1,2-Dibromoethane
 Concen: 19.823 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.7	74.8	112.2

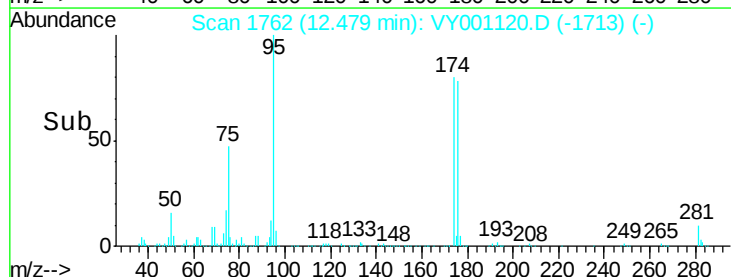
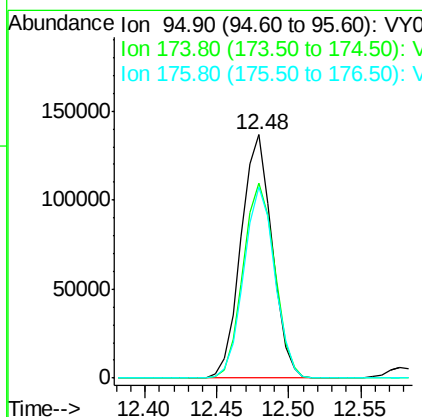
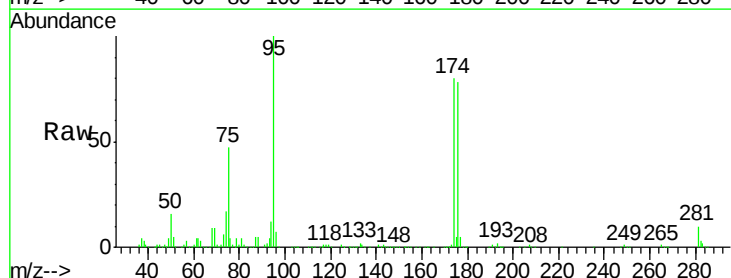
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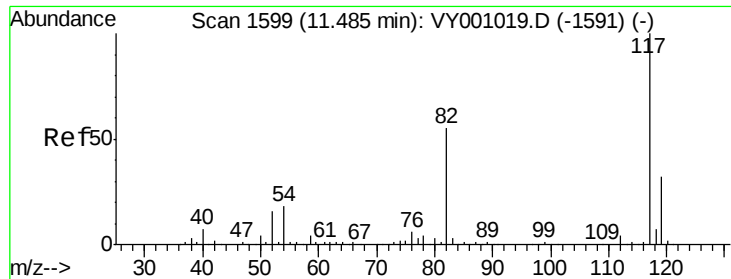
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#62
 4-Bromofluorobenzene
 Concen: 44.122 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	156.4
176	78.3	0.0	155.0





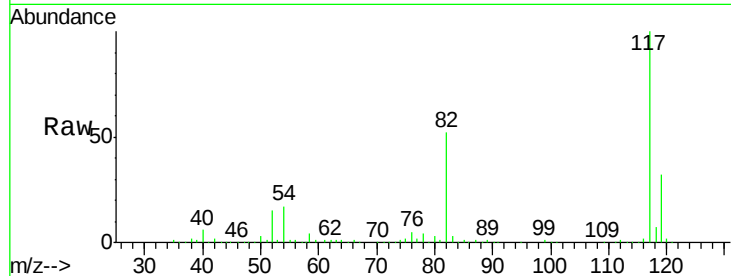
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.8	65.8
119	31.6	25.8	38.6

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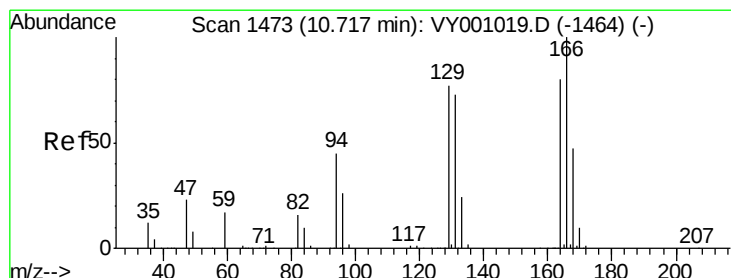
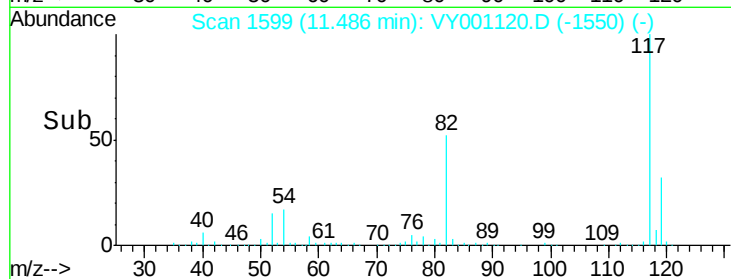
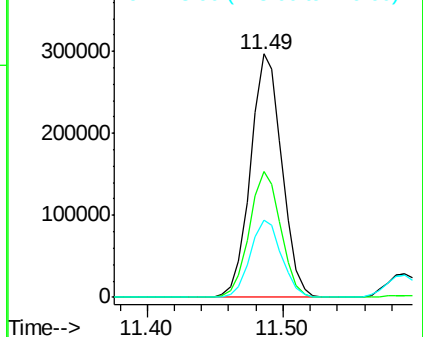


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.926 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	99.7	149.5
129	95.5	76.9	115.3
131	91.5	72.3	108.5

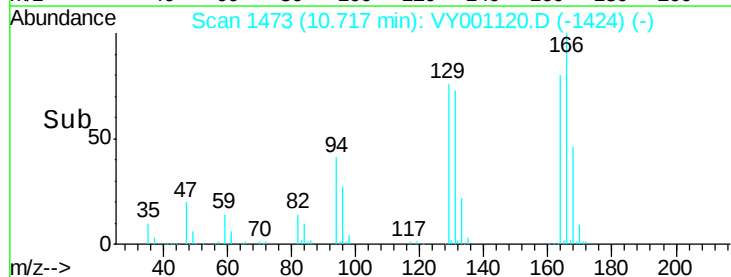
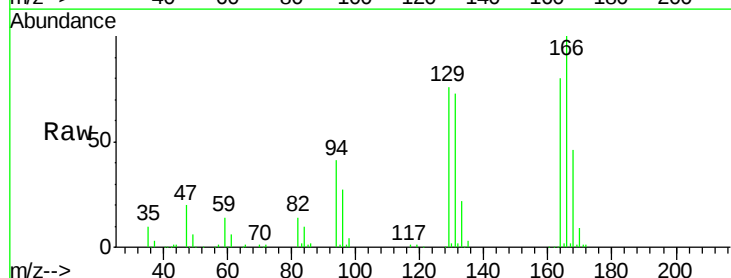
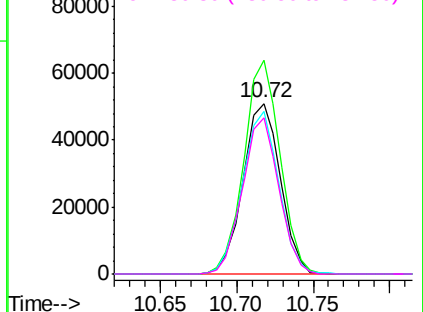
Abundance

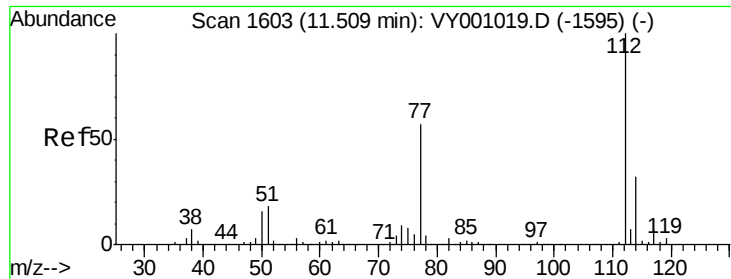
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





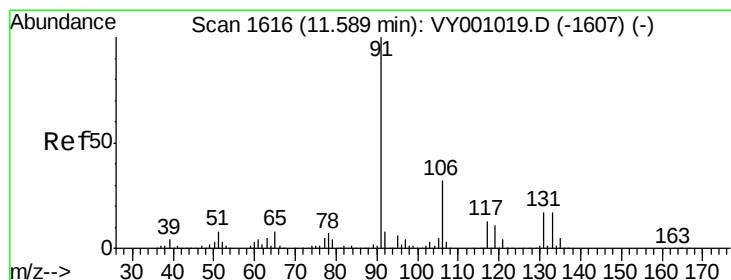
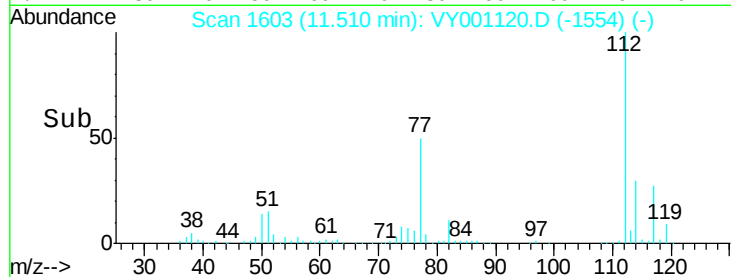
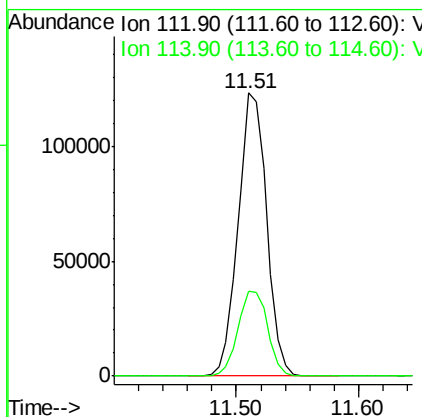
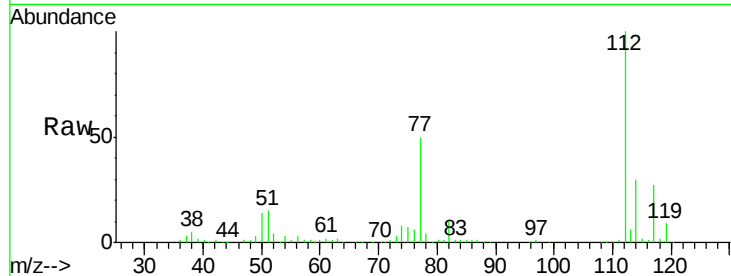
#65
Chlorobenzene
Concen: 19.951 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion:112 Resp: 198026
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.2

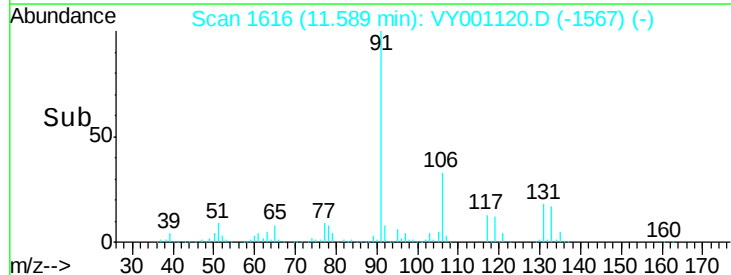
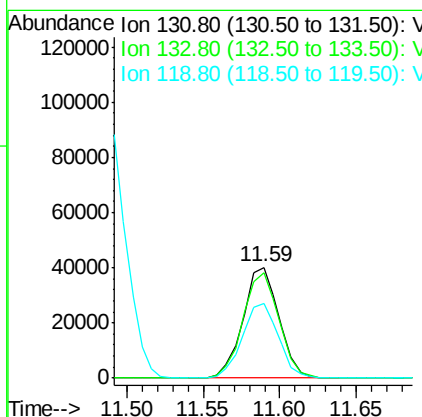
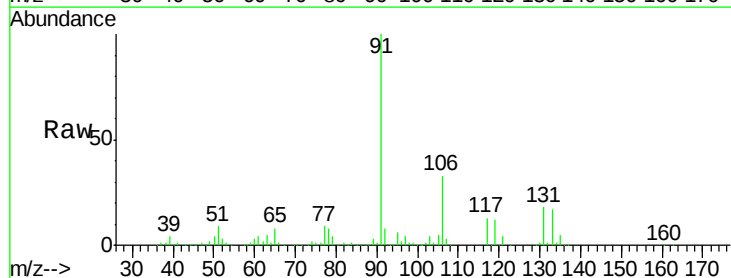
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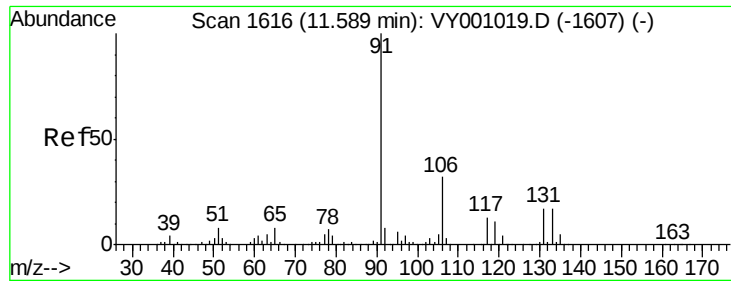
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.832 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:131 Resp: 64960
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 68.7 34.0 101.8





#67

Ethyl Benzene

Concen: 18.881 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 91 Resp: 337087

Ion Ratio Lower Upper

91 100

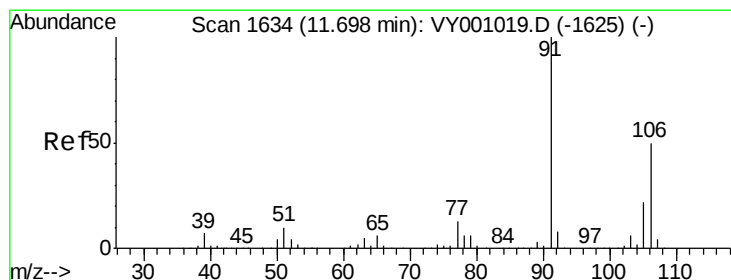
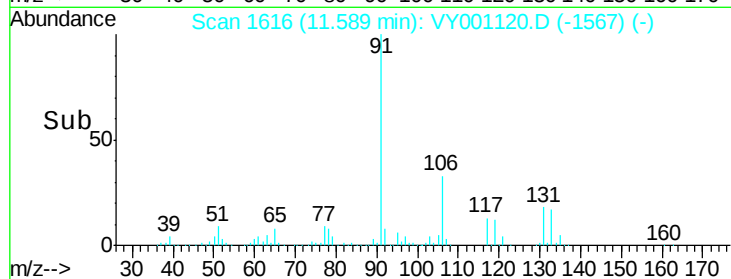
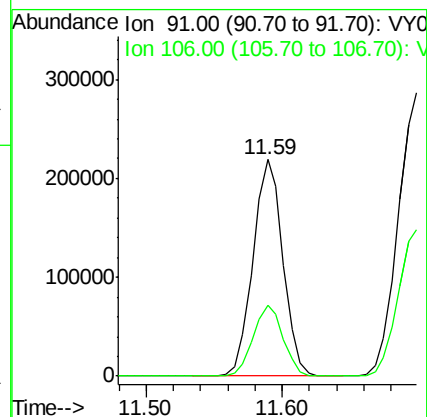
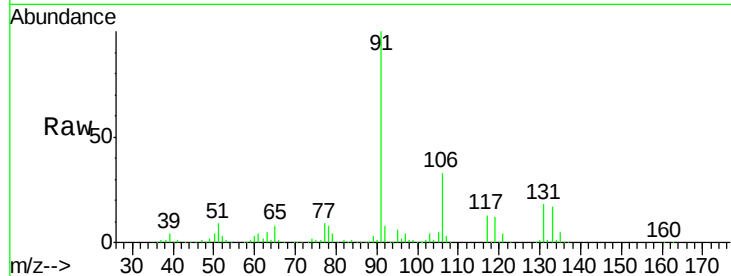
106 33.0 25.3 37.9

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#68

m/p-Xylenes

Concen: 39.415 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001120.D

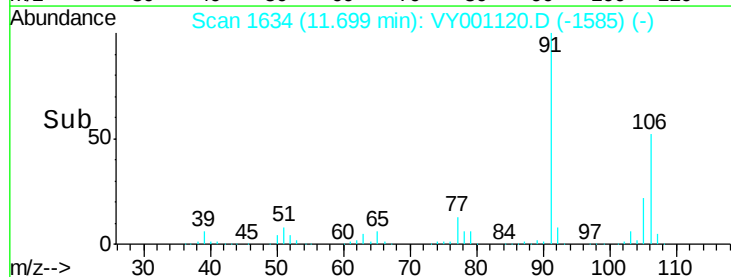
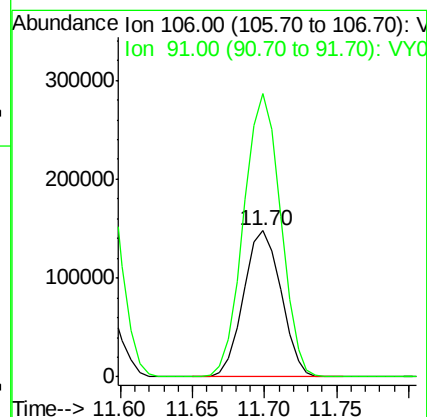
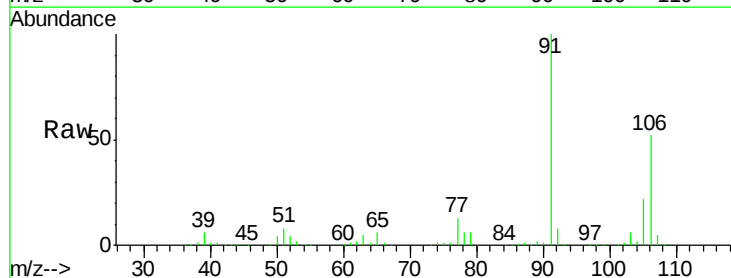
Acq: 30 Dec 2019 13:11

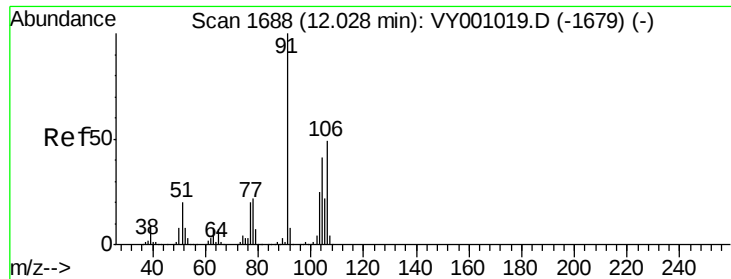
Tgt Ion: 106 Resp: 267187

Ion Ratio Lower Upper

106 100

91 191.0 156.4 234.6





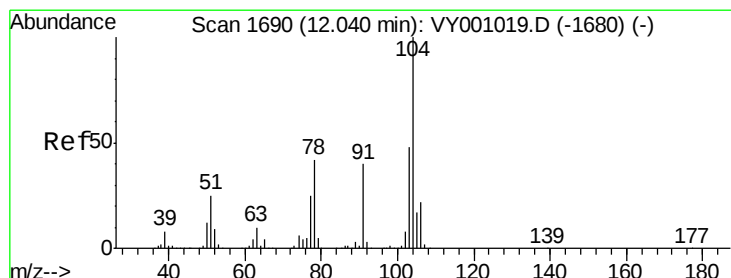
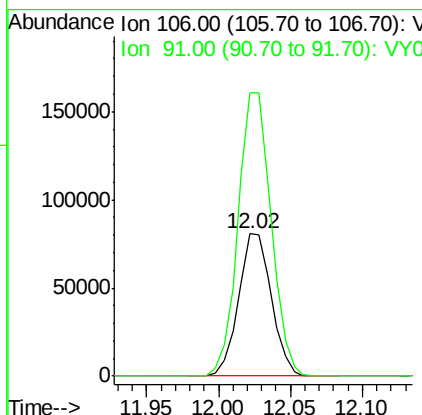
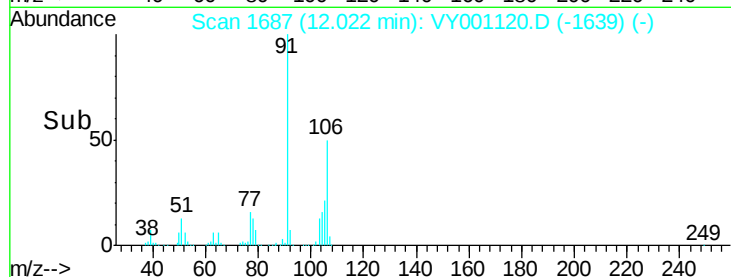
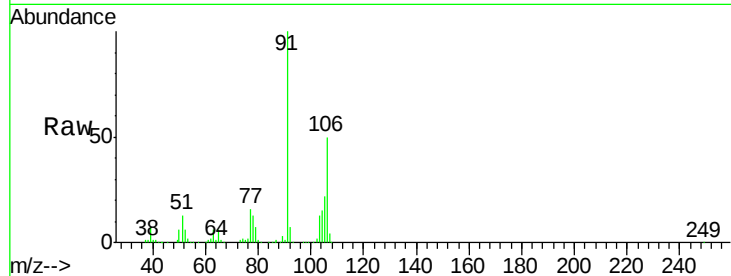
#69
o-Xylene
Concen: 19.985 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	127449		
91	91	200.5	103.0	309.0	

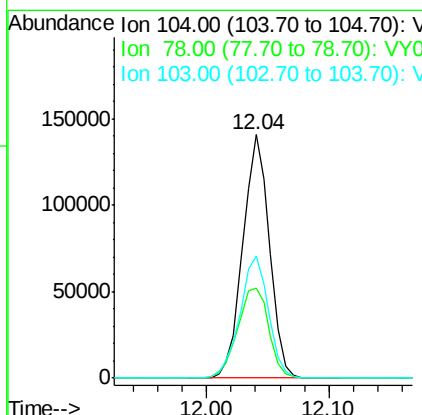
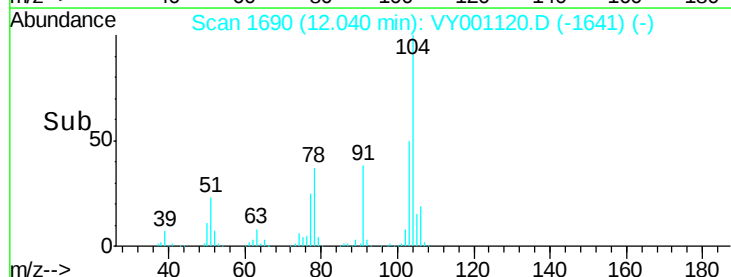
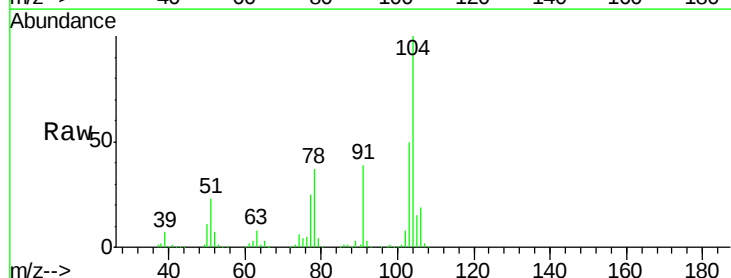
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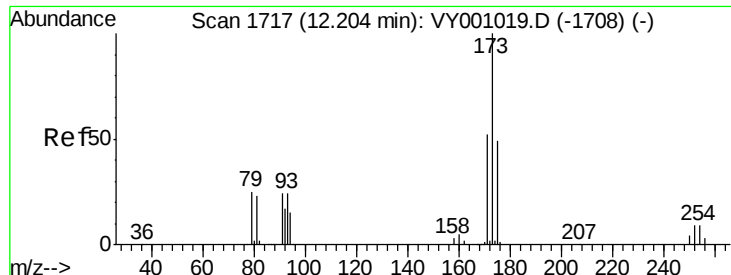
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#70
Styrene
Concen: 19.661 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	213198		
78	78	43.4	36.6	54.8	
103	103	53.7	42.6	64.0	





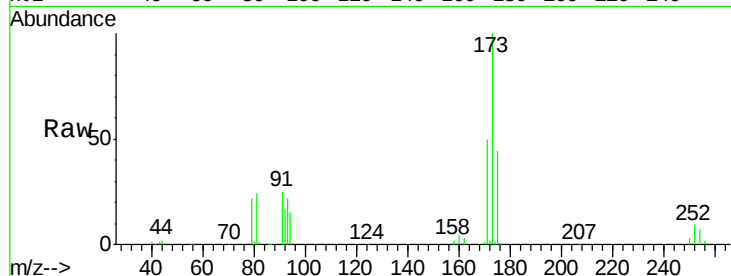
#71
Bromoform
Concen: 20.285 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

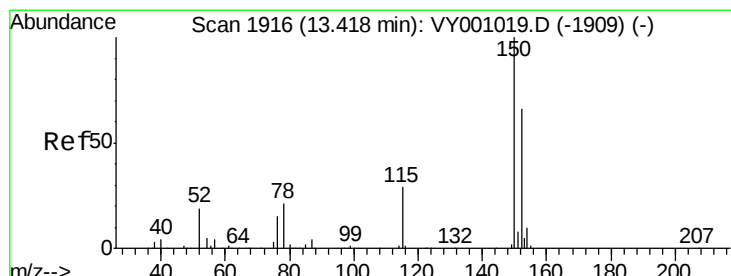
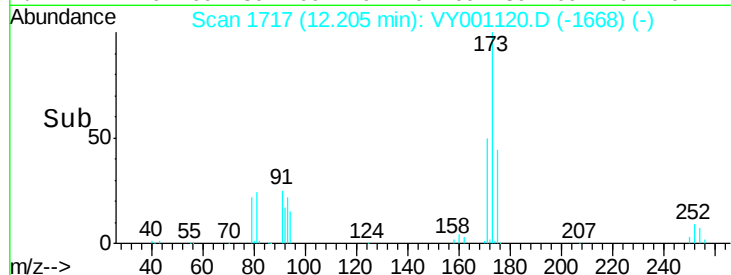
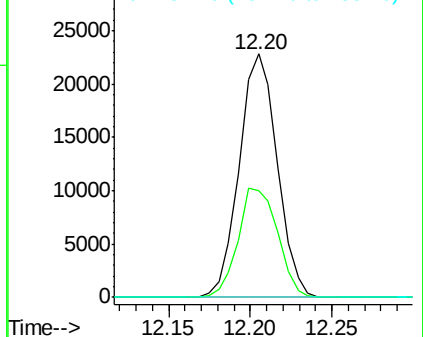
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.5	73.5
254	0.0	0.0	0.0

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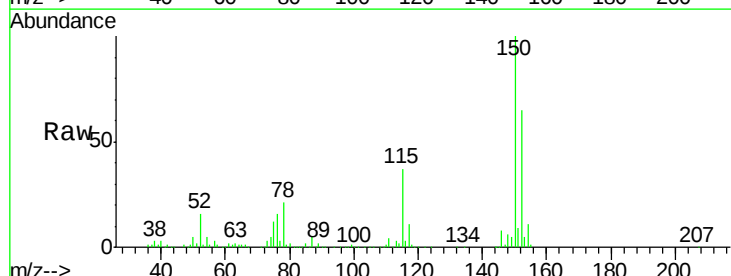


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

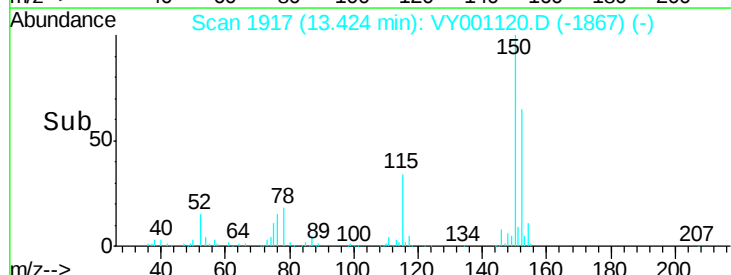
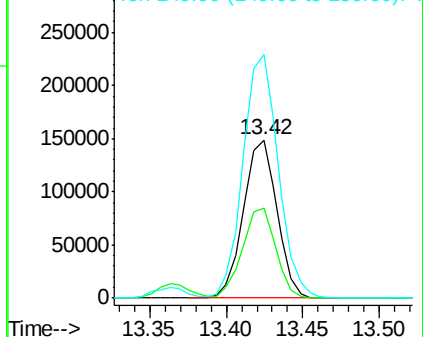


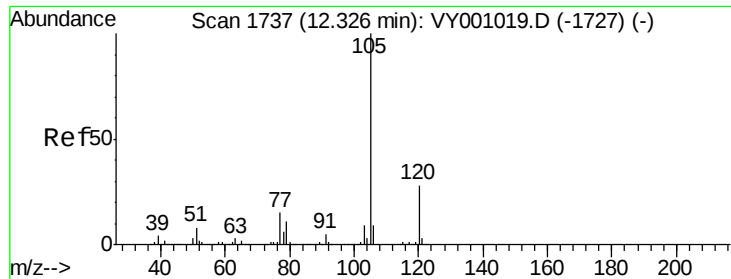
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.8	89.3
150	162.7	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: 18.880 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 105 Resp: 329894

Ion Ratio Lower Upper

105 100

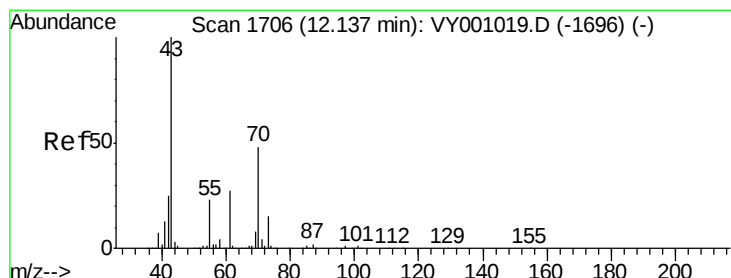
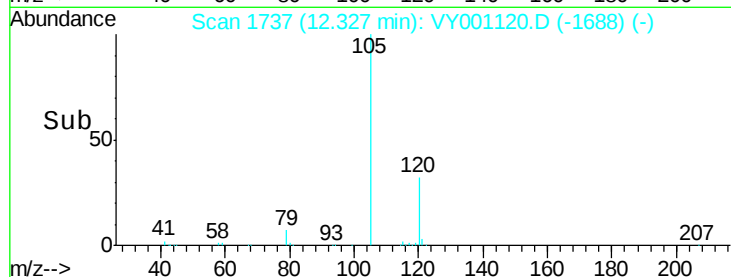
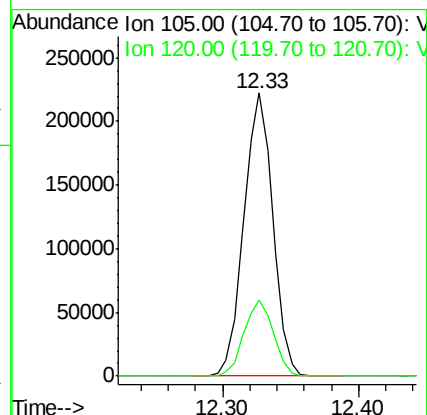
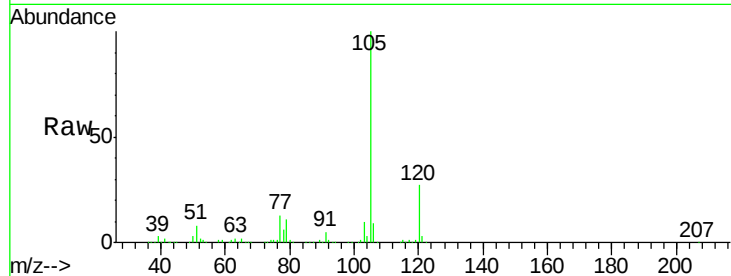
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 16.079 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion: 43 Resp: 73808

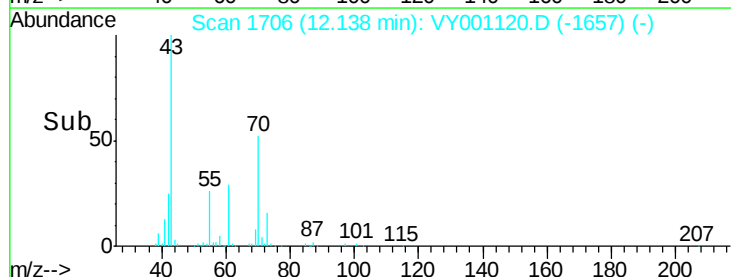
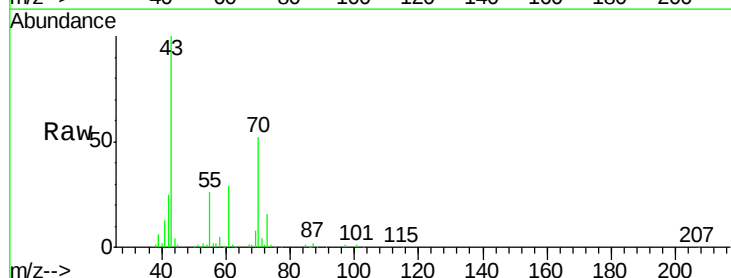
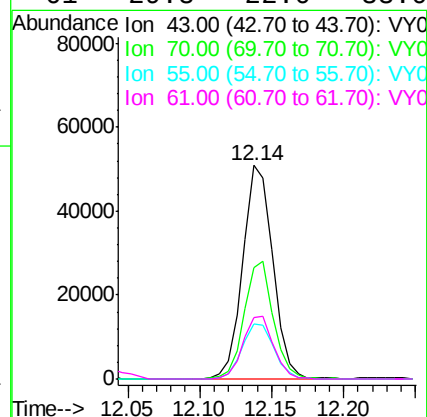
Ion Ratio Lower Upper

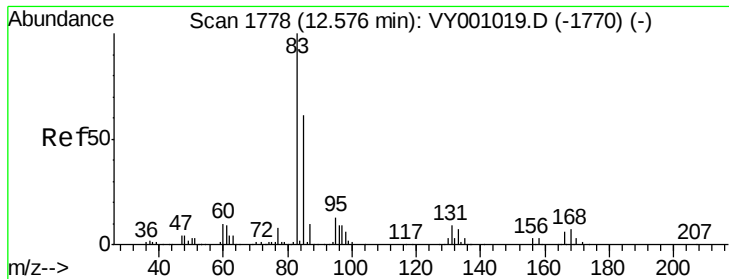
43 100

70 53.6 39.0 58.6

55 27.4 19.5 29.3

61 29.8 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.333 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

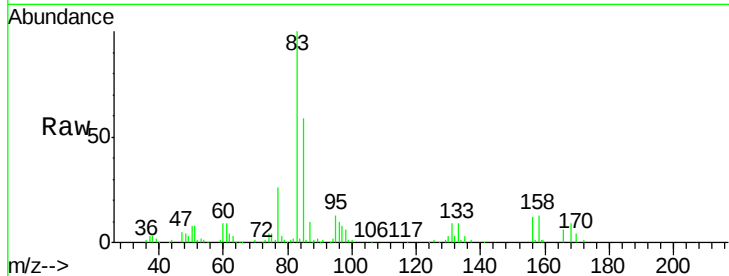
ClientSampleId :

VY1230SBS01

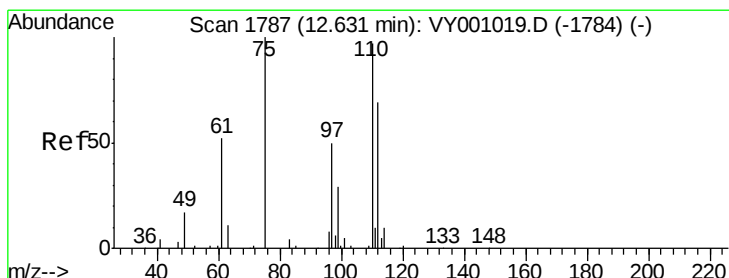
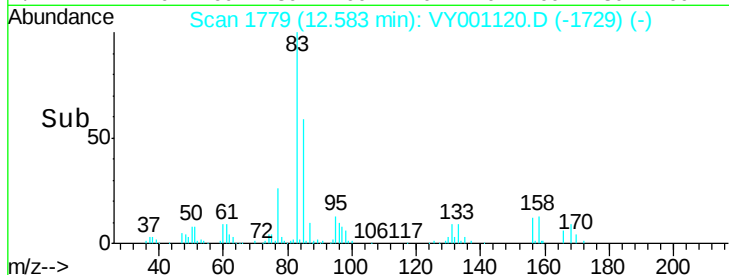
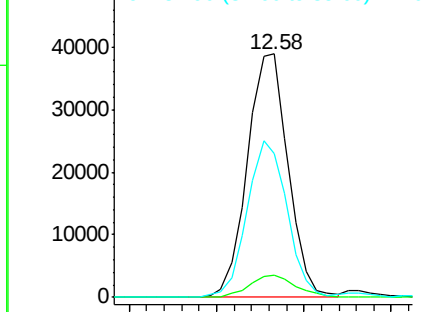
Tot Ion:	83	Resp:	63105
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	62.8	32.1	96.5

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Abundance Ion 82.90 (82.60 to 83.60): VY001120.D (-1778) (-)



#76

1,2,3-Trichloropropane

Concen: 15.689 ug/l m

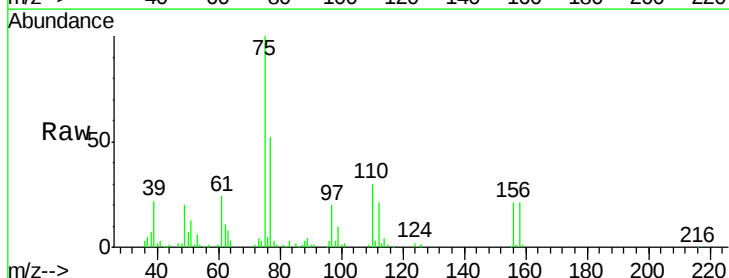
RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

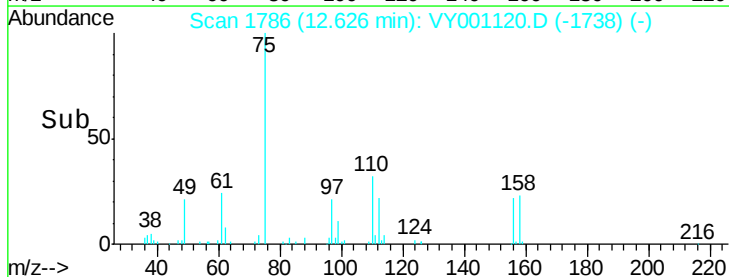
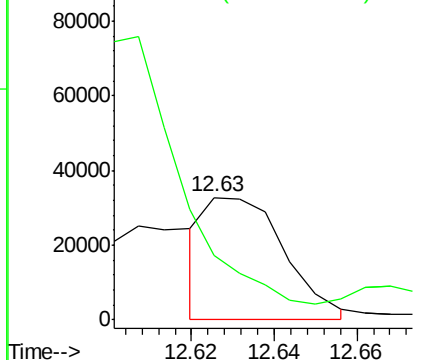
Lab File: VY001120.D

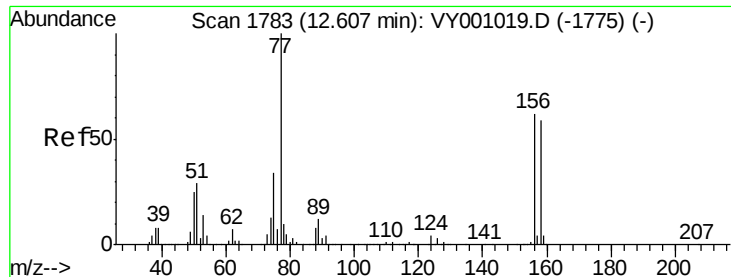
Acq: 30 Dec 2019 13:11

Tgt Ion:	75	Resp:	43673
Ion Ratio	Lower	Upper	
75	100		
77	314.6	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001120.D (-1786) (-)





#77

Bromobenzene

Concen: 19.101 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

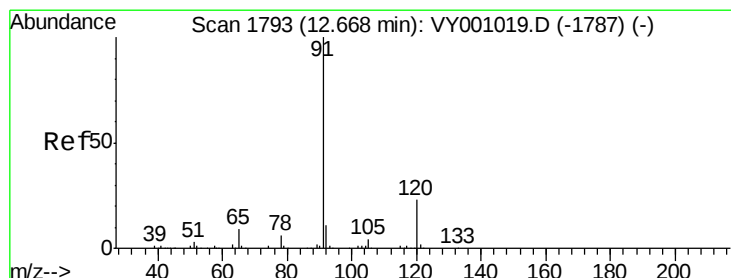
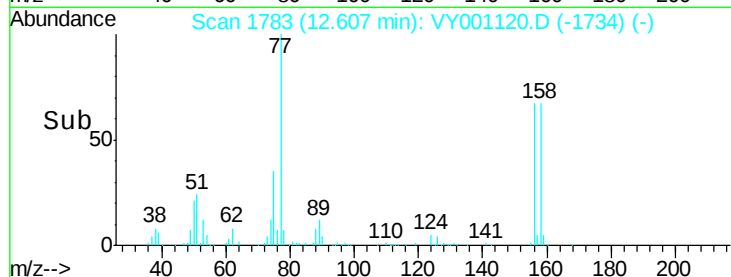
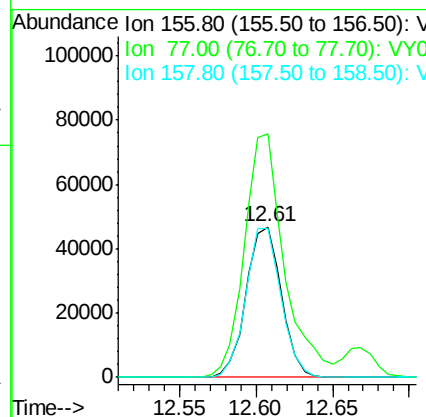
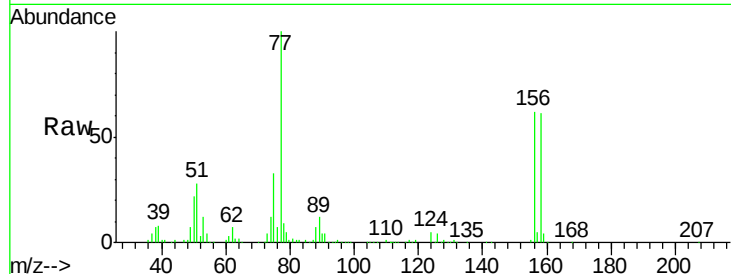
ClientSampleId :

VY1230SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.0	98.0	294.1
158	99.1	48.5	145.6

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#78

n-propylbenzene

Concen: 18.924 ug/l

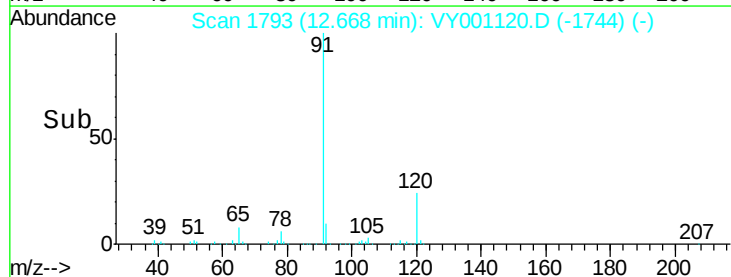
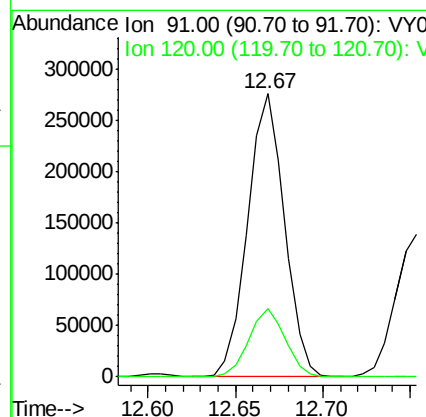
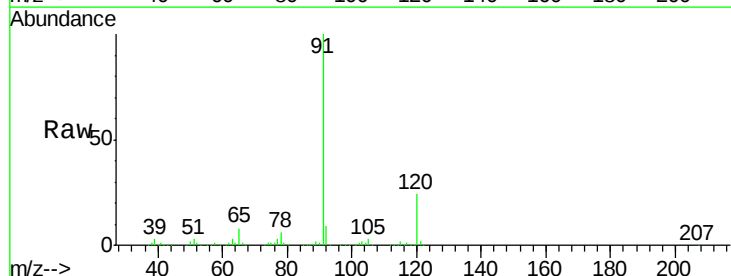
RT: 12.67 min Scan# 1793

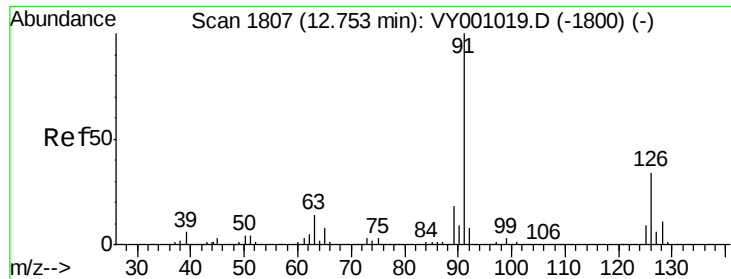
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 18.007 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBS01

Tot Ion: 91 Resp: 211721

Ion Ratio Lower Upper

91 100

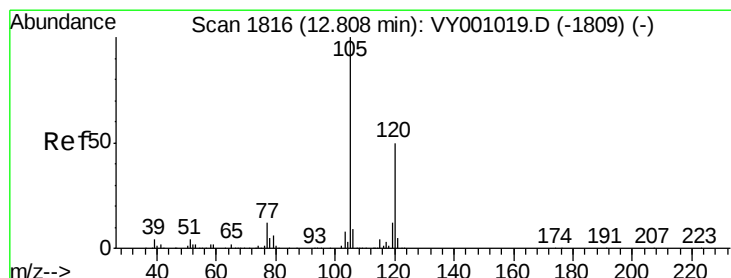
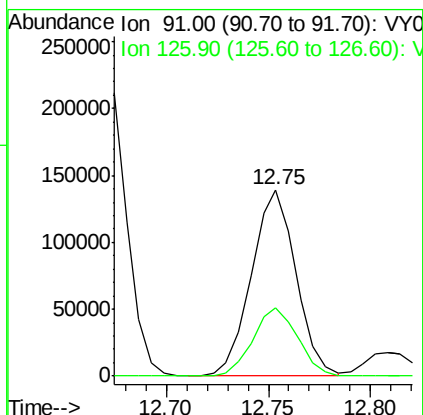
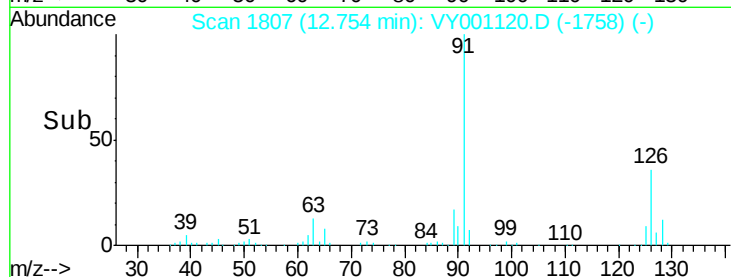
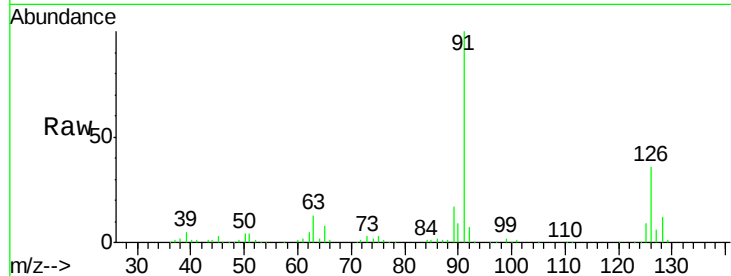
126 37.0 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 18.933 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001120.D

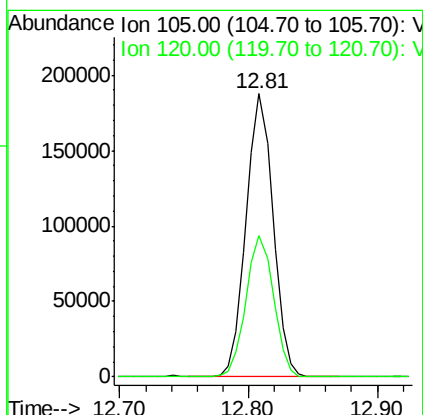
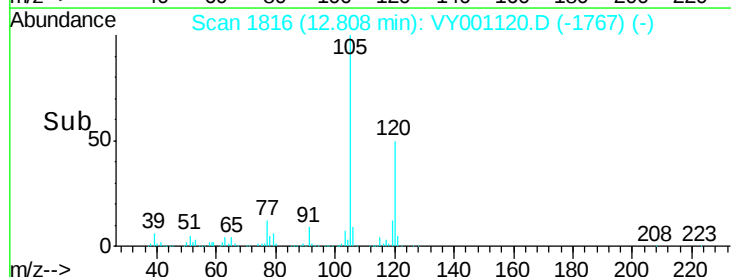
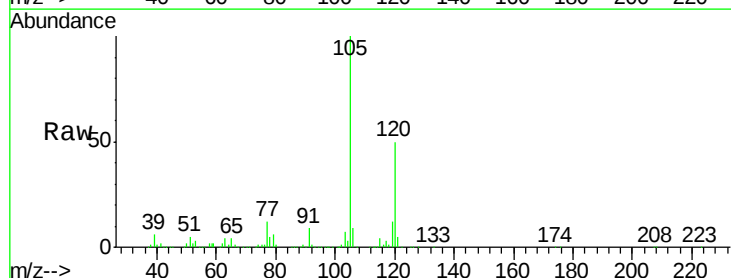
Acq: 30 Dec 2019 13:11

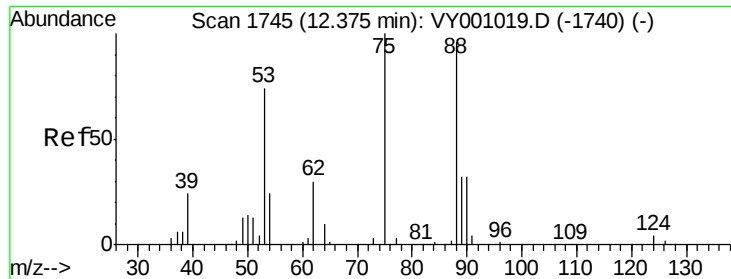
Tgt Ion: 105 Resp: 271166

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.773 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

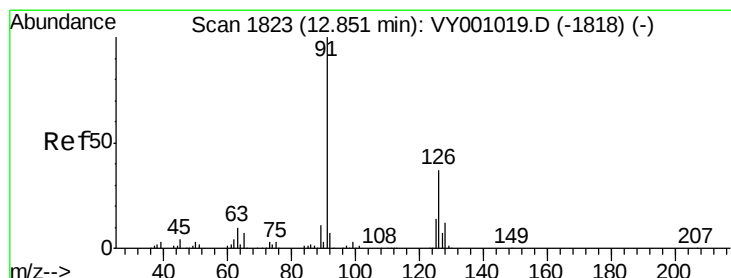
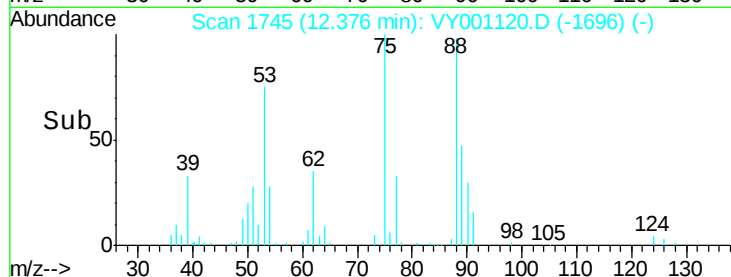
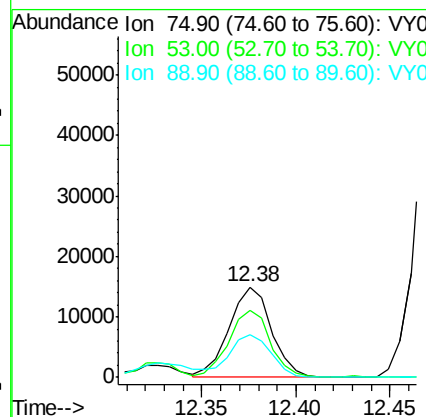
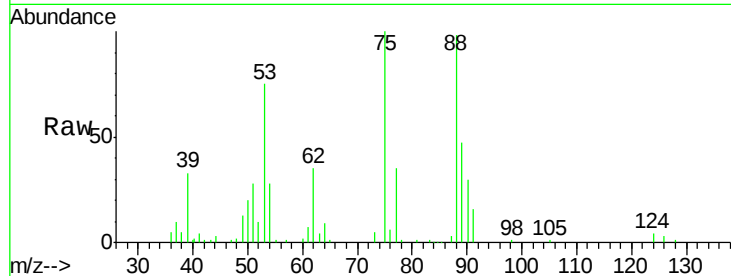
ClientSampleId :

VY1230SBS01

Tot Ion:	75	Resp:	23196
Ion Ratio	Lower	Upper	
75	100		
53	73.5	60.6	91.0
89	45.9	35.4	53.0

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#82

4-Chlorotoluene

Concen: 18.345 ug/l

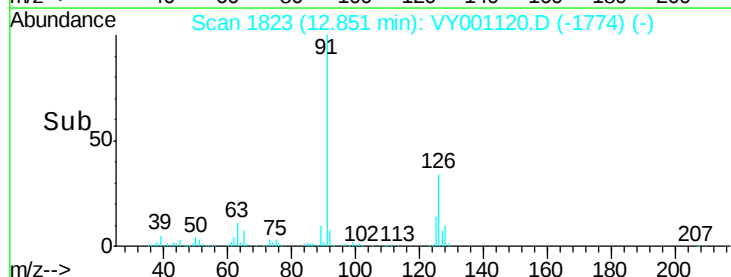
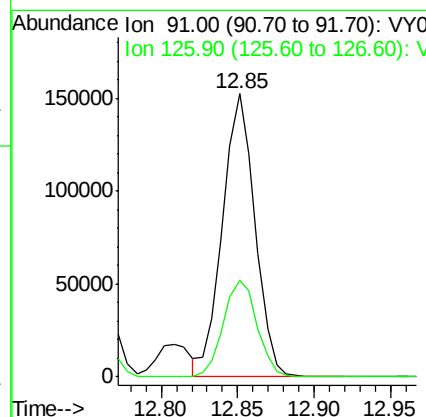
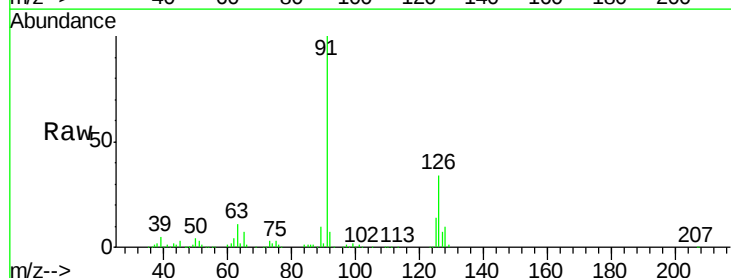
RT: 12.85 min Scan# 1823

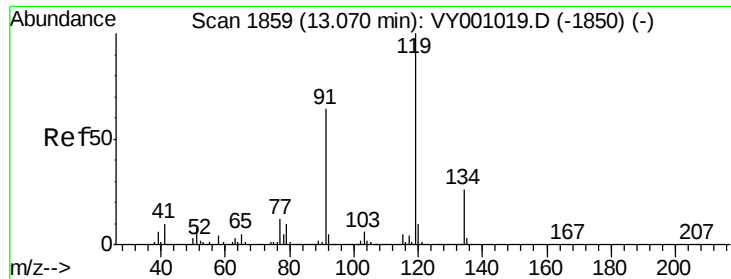
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:	91	Resp:	224038
Ion Ratio	Lower	Upper	
91	100		
126	35.6	17.6	52.8





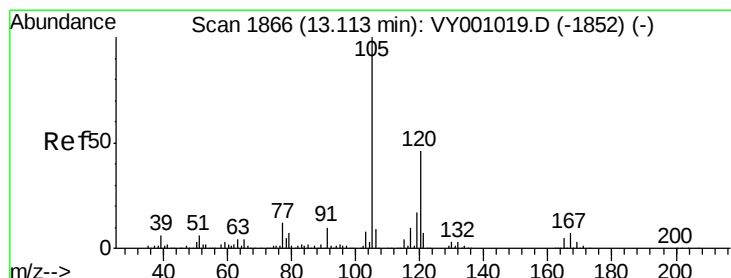
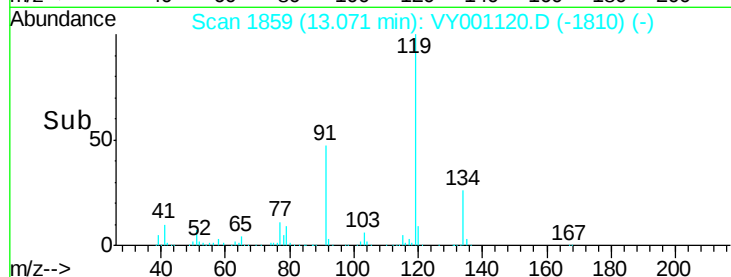
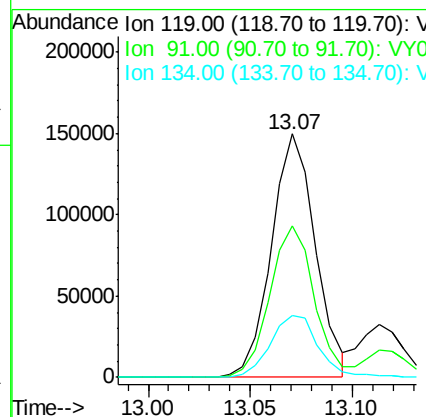
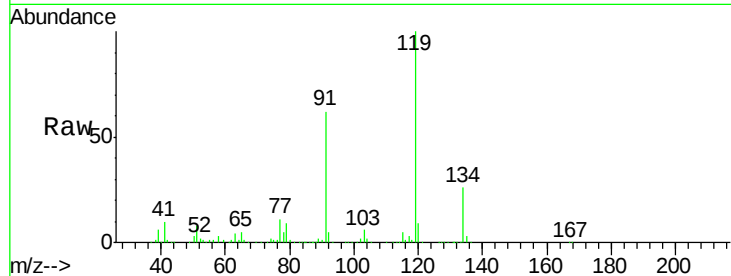
#83
tert-Butylbenzene
Concen: 18.692 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.7
134	28.0	13.6	40.7

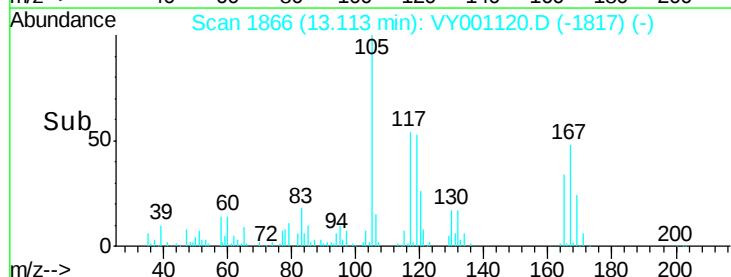
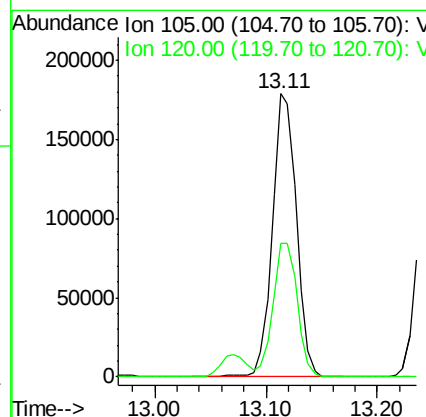
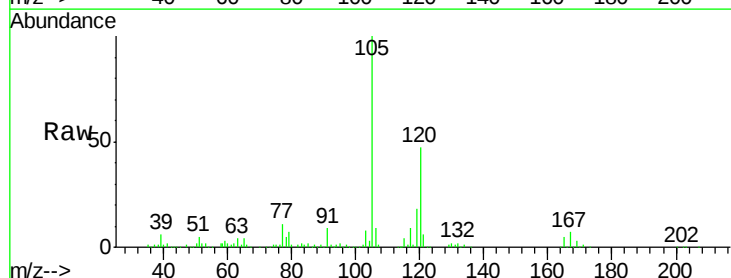
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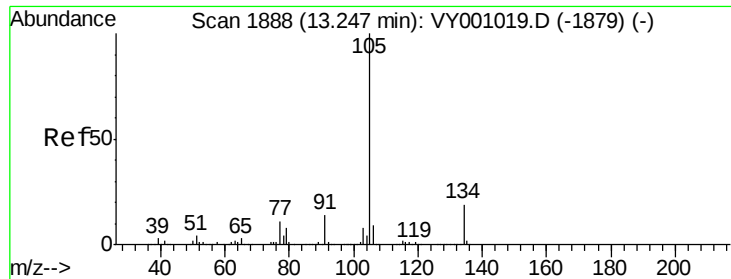
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#84
1,2,4-Trimethylbenzene
Concen: 18.695 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.4	70.2





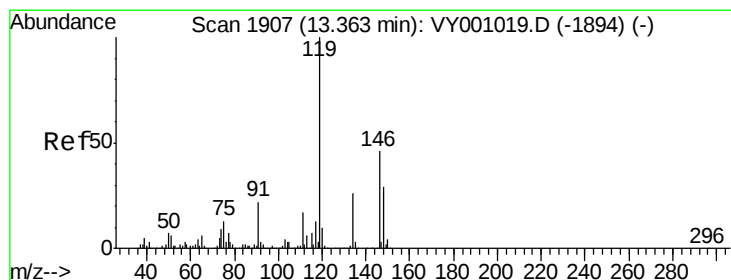
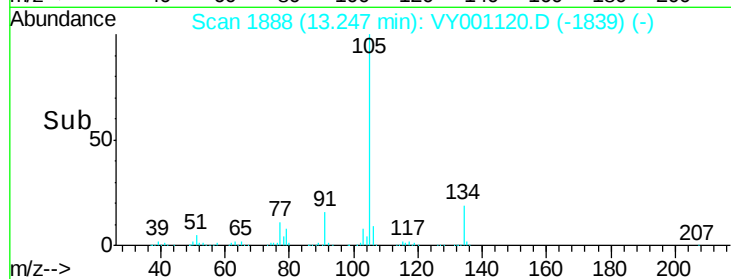
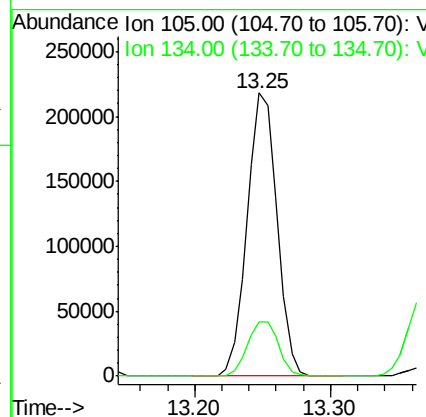
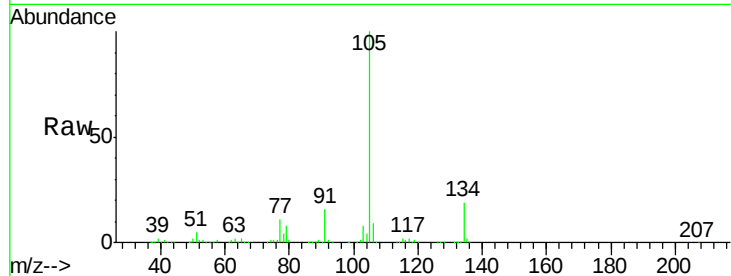
#85
 sec-Butylbenzene
 Concen: 18.895 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

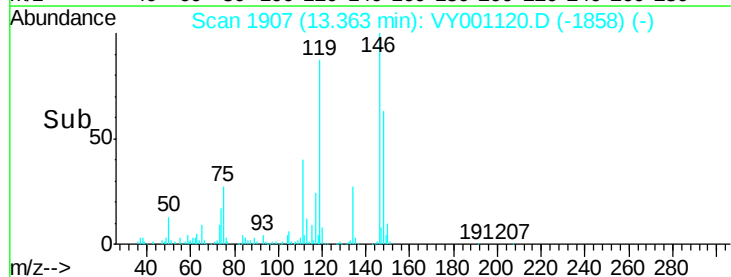
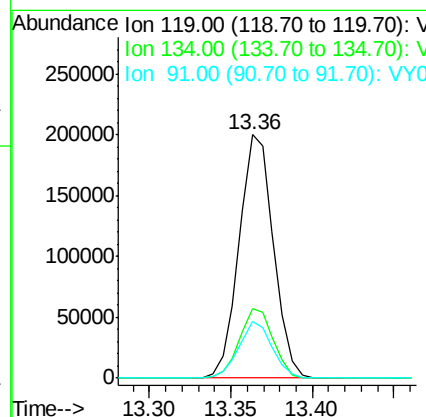
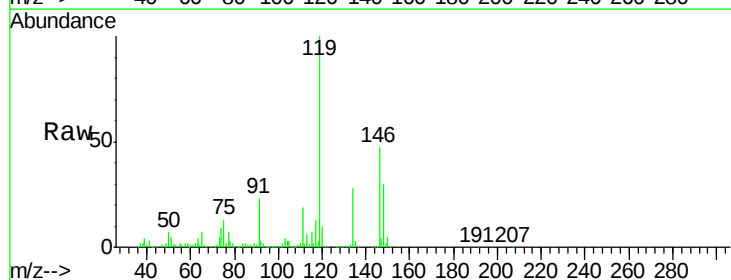
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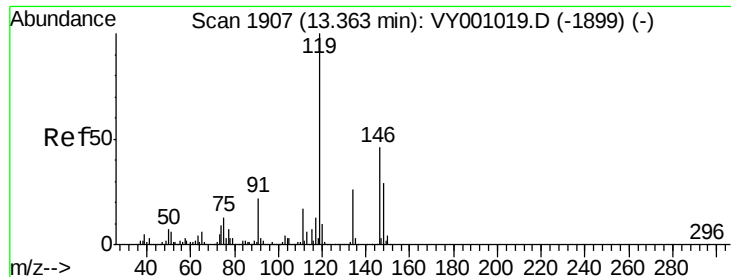
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#86
 p-Isopropyltoluene
 Concen: 19.024 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.6	40.7
91	22.6	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 19.565 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

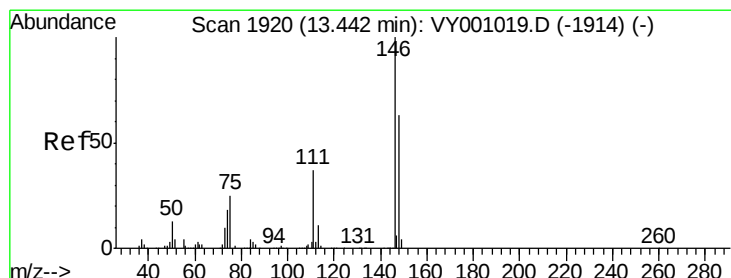
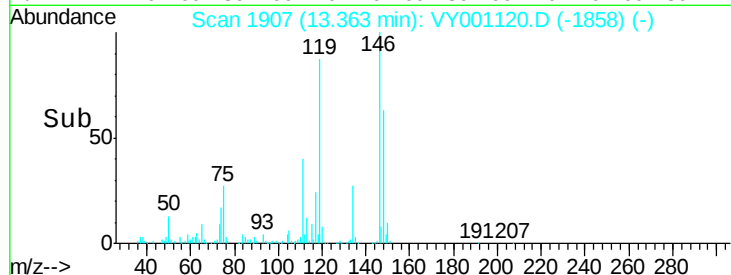
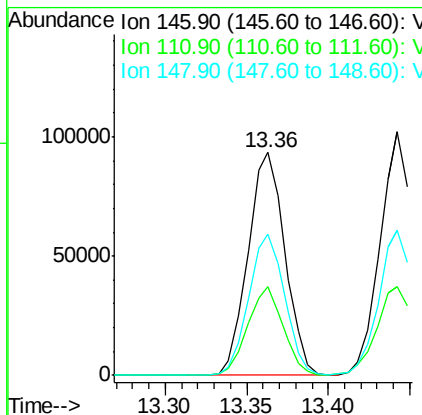
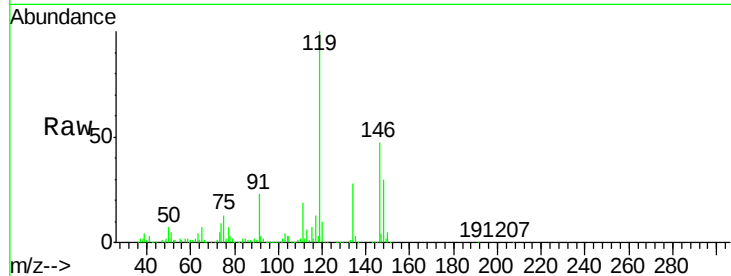
ClientSampleId :

VY1230SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.0
148	61.8	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 19.332 ug/l

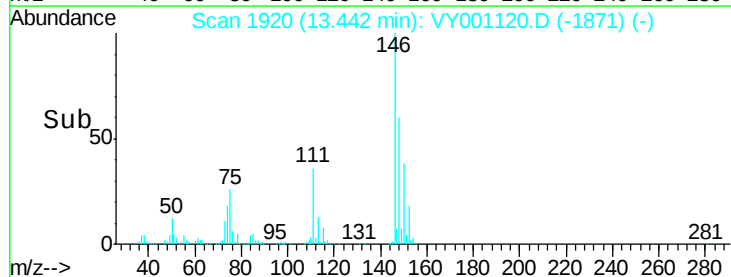
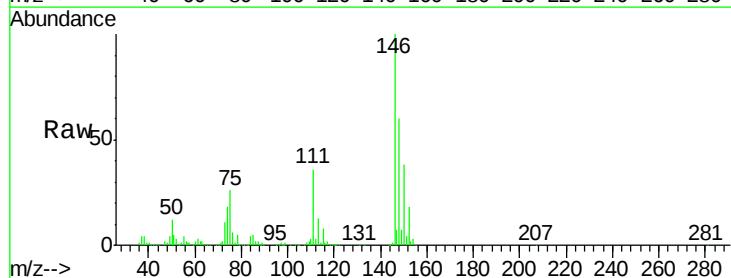
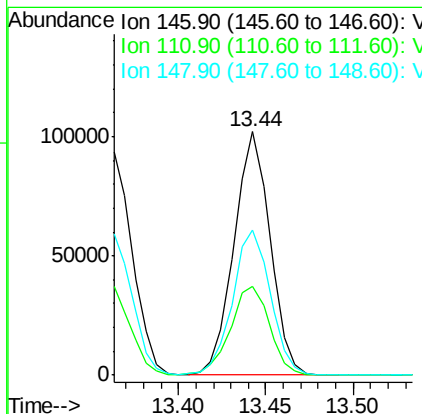
RT: 13.44 min Scan# 1920

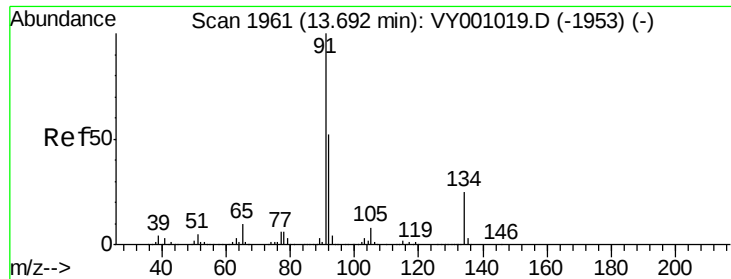
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	62.5	31.8	95.3





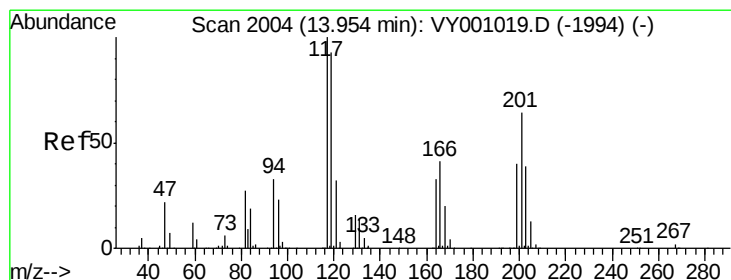
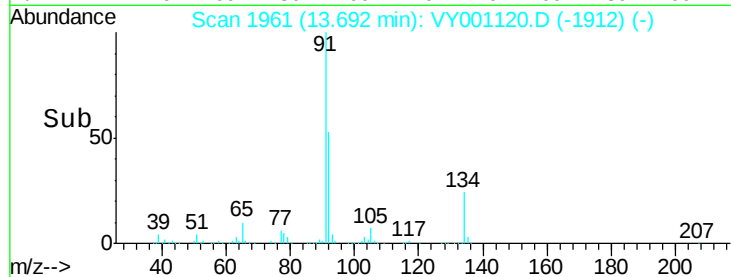
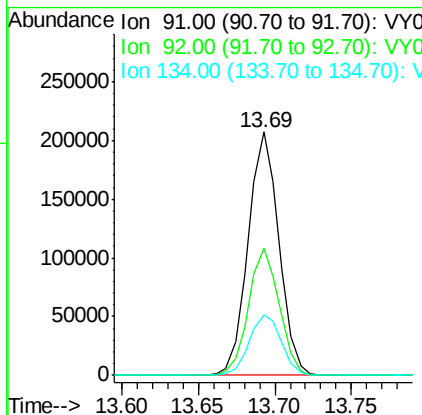
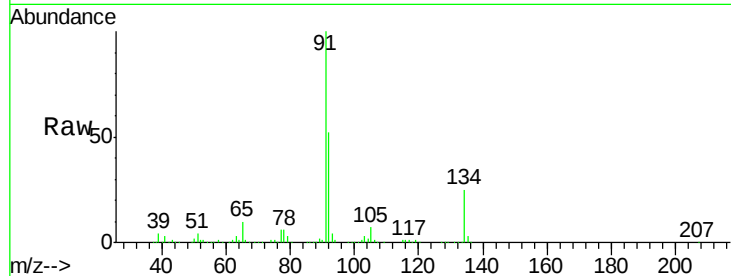
#89
n-Butylbenzene
Concen: 18.774 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.1	26.9	80.7	
134	25.8	12.7	38.0	

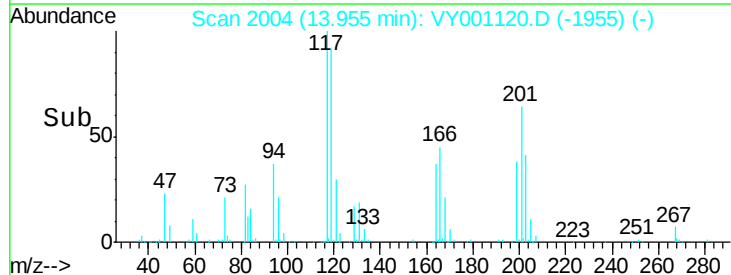
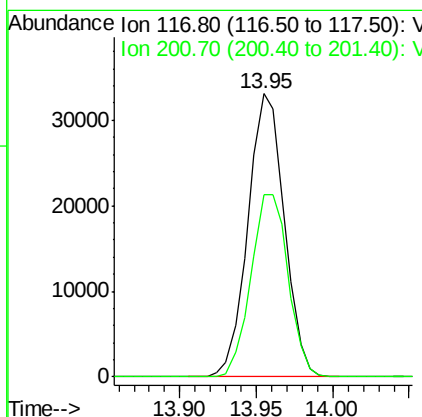
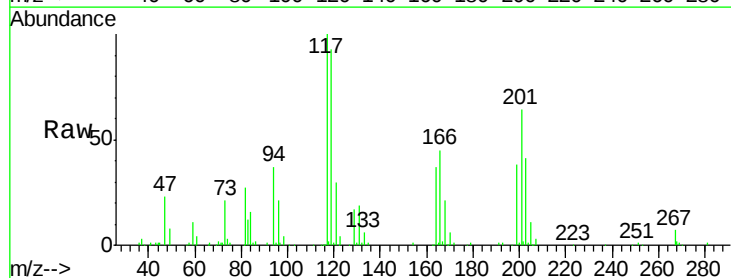
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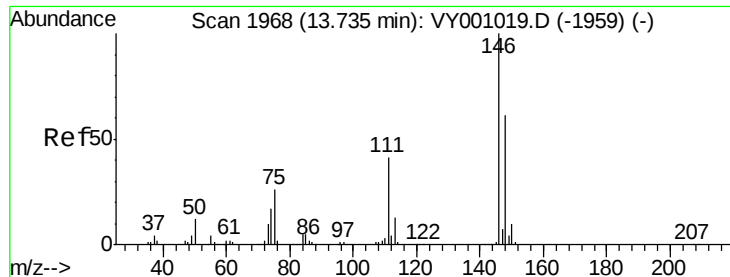
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#90
Hexachloroethane
Concen: 18.956 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.0	33.7	101.1	





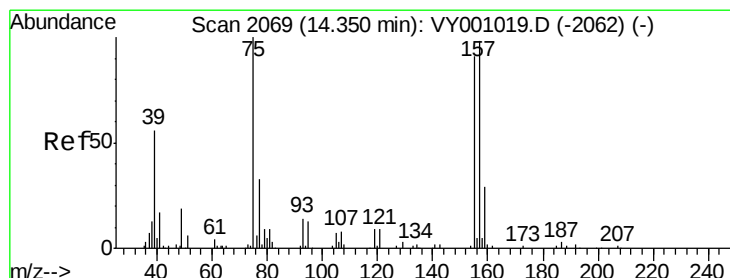
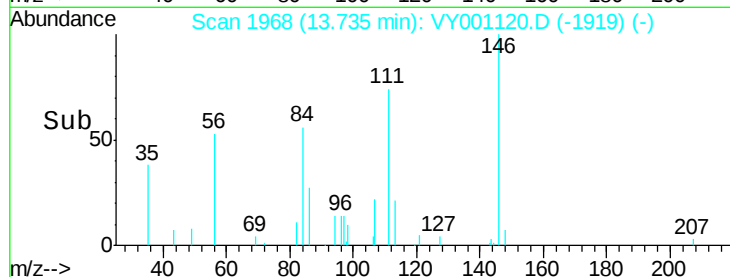
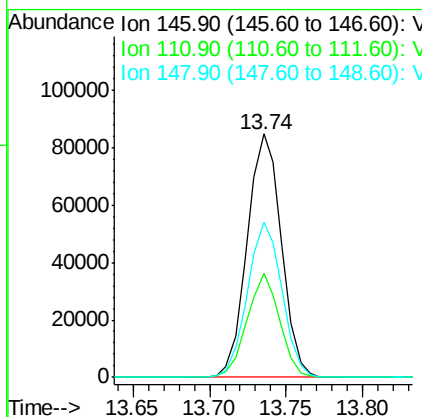
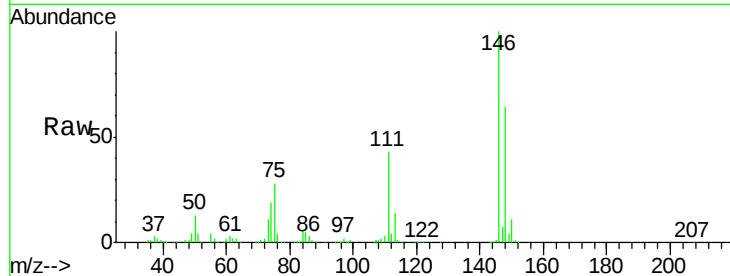
#91
 1,2-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	64.3	31.6	94.7

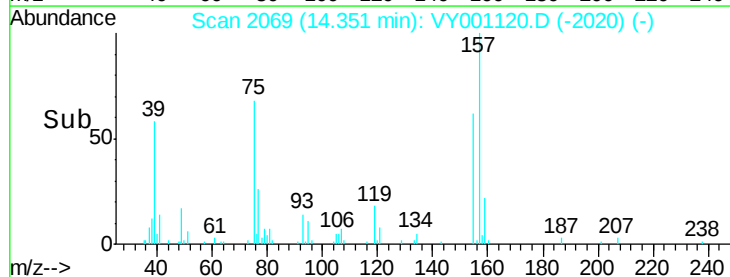
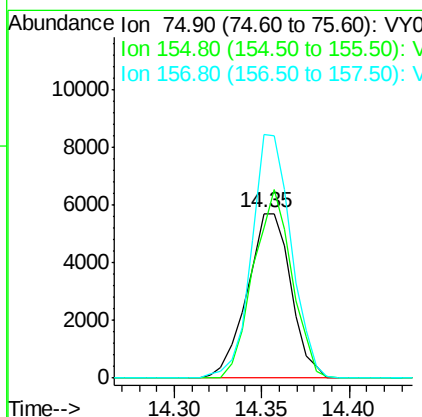
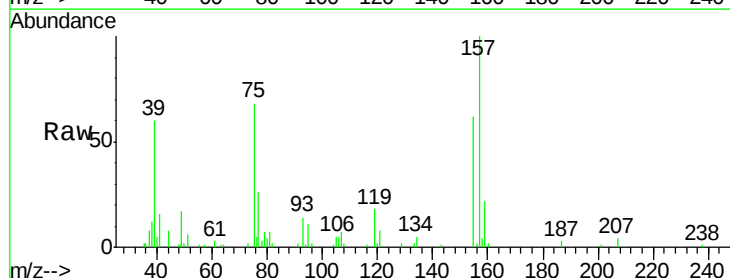
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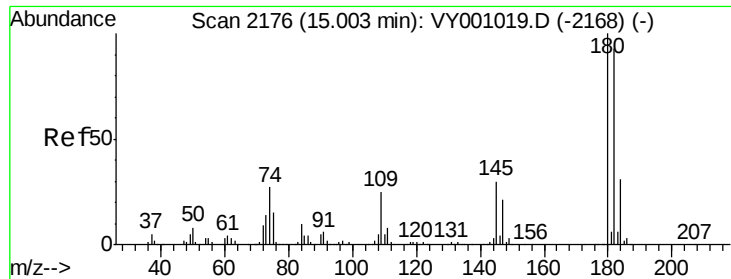
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.154 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	46.3	138.9
157	134.6	58.1	174.4





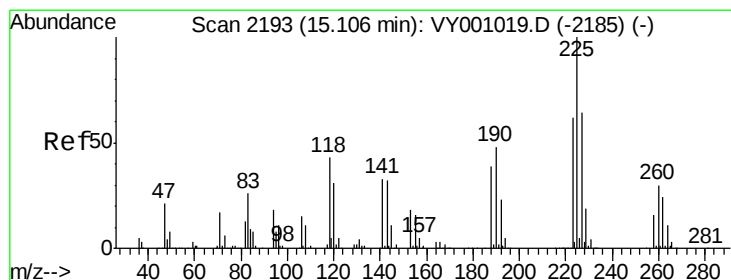
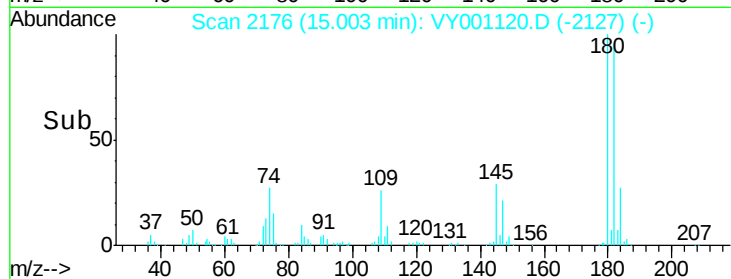
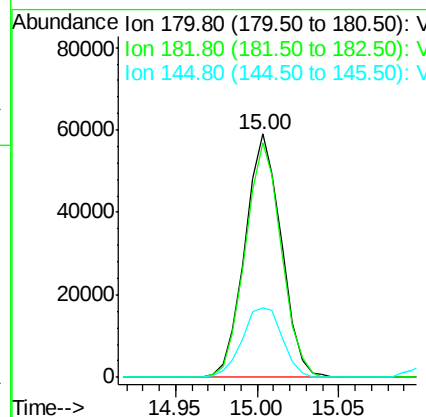
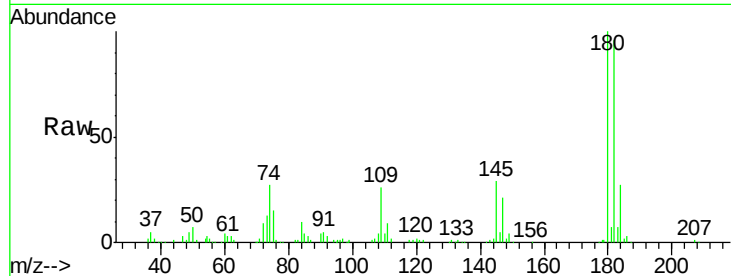
#93
 1,2,4-Trichlorobenzene
 Concen: 19.457 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	31.5	15.3	45.9

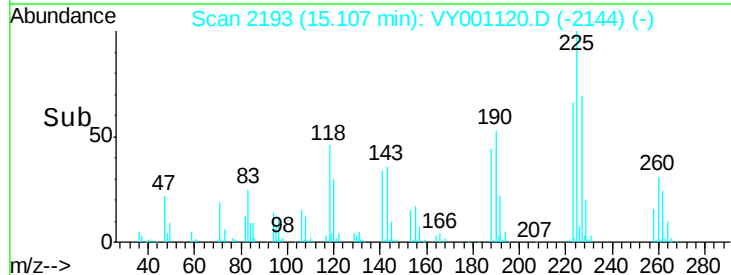
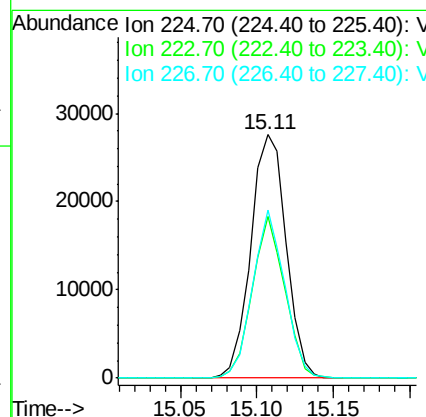
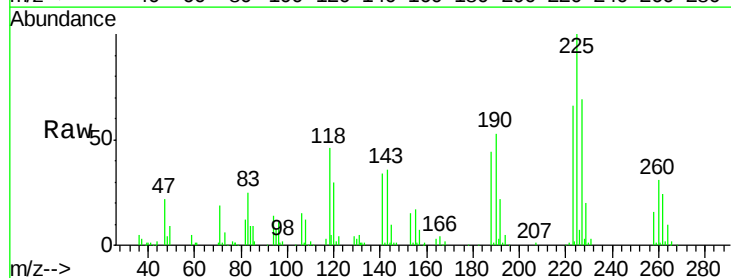
Manual Integrations
 APPROVED

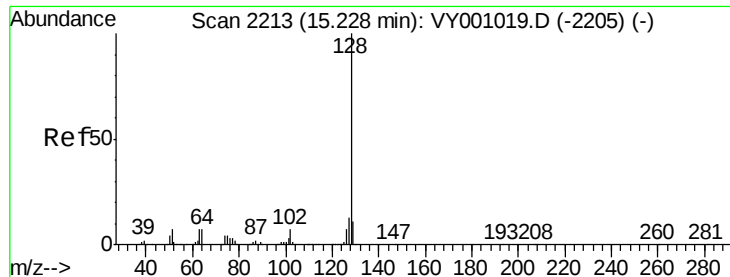
apatel
 12/31/2019 11:48:06 AM



#94
 Hexachlorobutadiene
 Concen: 19.814 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.6	94.8
227	62.8	31.9	95.5





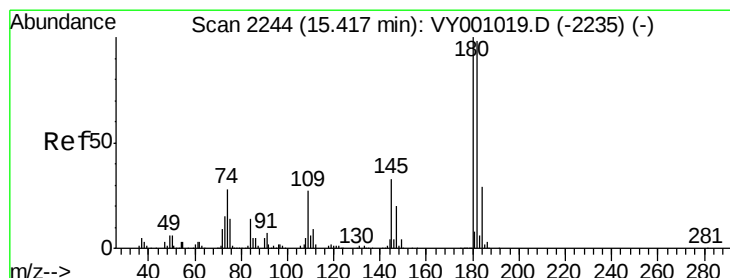
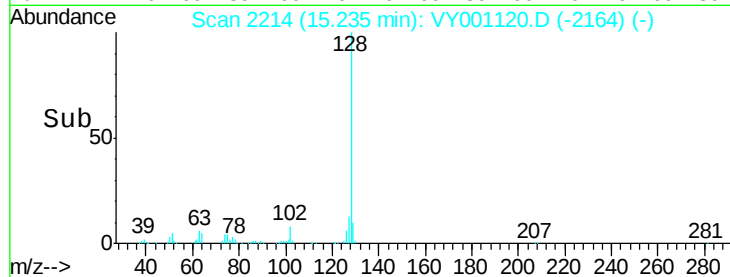
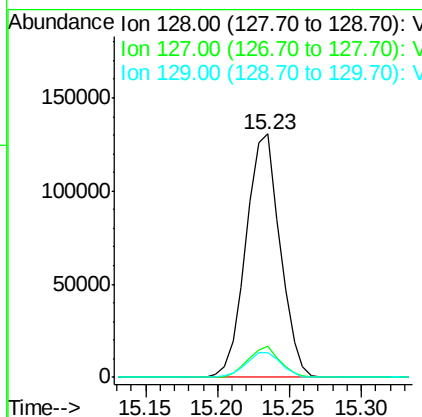
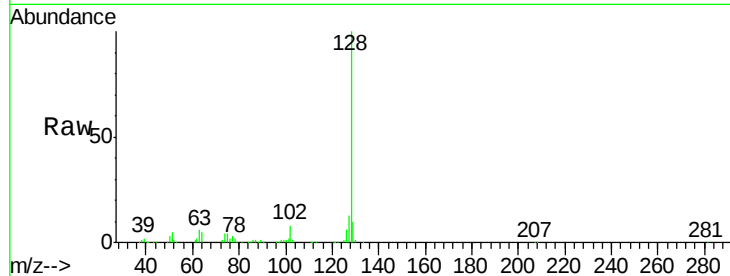
#95
Naphthalene
Concen: 19.297 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.1	9.9	14.9
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.900 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	47.9	143.8
145	31.2	16.3	48.9

