

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000378.D
 Acq On : 23 Oct 2019 14:06
 Operator : SY/MD
 Sample : VY1023SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:29:52 PM

Quant Time: Oct 24 04:57:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	383808	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	344218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169968	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	126080	51.04	ug/l	0.00
Spiked Amount						
						Recovery = 102.08%
35) Dibromofluoromethane	7.72	113	109740	47.40	ug/l	0.00
Spiked Amount						
						Recovery = 94.80%
50) Toluene-d8	10.18	98	449704	50.50	ug/l	0.00
Spiked Amount						
						Recovery = 101.00%
62) 4-Bromofluorobenzene	12.49	95	161953	47.87	ug/l	0.00
Spiked Amount						
						Recovery = 95.74%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	46221	22.598	ug/l	98
3) Chloromethane	2.11	50	74063	25.881	ug/l	99
4) Vinyl Chloride	2.25	62	61860	21.419	ug/l	99
5) Bromomethane	2.63	94	36289	16.954	ug/l	99
6) Chloroethane	2.79	64	39176	21.023	ug/l	92
7) Trichlorofluoromethane	3.12	101	85798	21.718	ug/l	99
8) Diethyl Ether	3.53	74	31140	22.313	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53590	22.368	ug/l	100
10) Methyl Iodide	4.09	142	46655	14.533	ug/l	99
11) Tert butyl alcohol	4.96	59	27036	104.581	ug/l	98
12) 1,1-Dichloroethene	3.87	96	51073	21.593	ug/l	90
13) Acrolein	3.73	56	22668	74.791	ug/l	97
14) Allyl chloride	4.48	41	83483	21.299	ug/l	99
15) Acrylonitrile	5.18	53	82664	105.824	ug/l	98
16) Acetone	3.96	43	81552	101.942	ug/l	98
17) Carbon Disulfide	4.19	76	150379	20.193	ug/l	98
18) Methyl Acetate	4.49	43	44621	22.449	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	146373	22.231	ug/l	96
20) Methylene Chloride	4.72	84	66692	21.662	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	56795	20.930	ug/l	93
22) Diisopropyl ether	6.13	45	181854	21.937	ug/l	94
23) Vinyl Acetate	6.07	43	560051	103.554	ug/l	100
24) 1,1-Dichloroethane	6.03	63	98792	21.832	ug/l	99
25) 2-Butanone	7.00	43	118131	104.826	ug/l	93
26) 2,2-Dichloropropane	6.99	77	90641	21.738	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	63240	21.537	ug/l	99
28) Bromochloromethane	7.35	49	37975	19.549	ug/l	99
29) Tetrahydrofuran	7.36	42	72377	105.976	ug/l	99
30) Chloroform	7.52	83	100418	22.036	ug/l	98
31) Cyclohexane	7.79	56	96281	20.372	ug/l #	94
32) 1,1,1-Trichloroethane	7.71	97	87331	21.556	ug/l	100
36) 1,1-Dichloropropene	7.92	75	79832	21.245	ug/l	99
37) Ethyl Acetate	7.08	43	46792	21.030	ug/l	98
38) Carbon Tetrachloride	7.91	117	79060	21.730	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	100984	20.533	ug/l	99
40) Benzene	8.17	78	231496	21.318	ug/l	98
41) Methacrylonitrile	7.32	41	21852m	20.632	ug/l	
42) 1,2-Dichloroethane	8.24	62	68697	22.146	ug/l	100
43) Isopropyl Acetate	8.28	43	90846	21.473	ug/l	99
44) Trichloroethene	8.95	130	63804	20.940	ug/l	95
45) 1,2-Dichloropropane	9.22	63	58276	21.868	ug/l	98
46) Dibromomethane	9.31	93	33378	22.405	ug/l	96
47) Bromodichloromethane	9.50	83	76599	21.818	ug/l	95
48) Methyl methacrylate	9.30	41	38461	20.744	ug/l	97
49) 1,4-Dioxane	9.31	88	8824	395.041	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	239969	109.973	ug/l	98
52) Toluene	10.25	92	149693	21.712	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	82341	21.884	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	94355	22.082	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	47302	21.838	ug/l	95
56) Ethyl methacrylate	10.51	69	66386	21.502	ug/l	98
57) 1,3-Dichloropropane	10.80	76	81224	21.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	149709	121.570	ug/l	98
59) 2-Hexanone	10.83	43	175910	114.851	ug/l	99
60) Dibromochloromethane	10.99	129	53834	22.423	ug/l	98
61) 1,2-Dibromoethane	11.09	107	46539	22.377	ug/l	99
64) Tetrachloroethene	10.72	164	69783	21.295	ug/l	96
65) Chlorobenzene	11.52	112	152990	21.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	57274	22.444	ug/l	98
67) Ethyl Benzene	11.60	91	289767	21.517	ug/l	100
68) m/p-Xylenes	11.70	106	219021	42.544	ug/l	100
69) o-Xylene	12.03	106	105704	21.523	ug/l	97
70) Styrene	12.05	104	174778	21.102	ug/l	99
71) Bromoform	12.21	173	32648	22.255	ug/l #	99
73) Isopropylbenzene	12.33	105	278173	20.989	ug/l	100
74) N-amyl acetate	12.14	43	77584	23.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	52676	21.169	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	45550m	21.794	ug/l	
77) Bromobenzene	12.61	156	65023	22.048	ug/l	93
78) n-propylbenzene	12.67	91	338375	21.265	ug/l	99
79) 2-Chlorotoluene	12.76	91	188410	21.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	235180	21.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	19937	20.871	ug/l	95
82) 4-Chlorotoluene	12.86	91	197241	21.234	ug/l	99
83) tert-Butylbenzene	13.08	119	200164	21.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	237482	21.652	ug/l	100
85) sec-Butylbenzene	13.25	105	289864	21.291	ug/l	99
86) p-Isopropyltoluene	13.37	119	251732	21.209	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	125586	21.614	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	125338	21.581	ug/l	99
89) n-Butylbenzene	13.70	91	245495	20.931	ug/l	98
90) Hexachloroethane	13.96	117	45807	20.842	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	115366	21.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9824	20.817	ug/l	94

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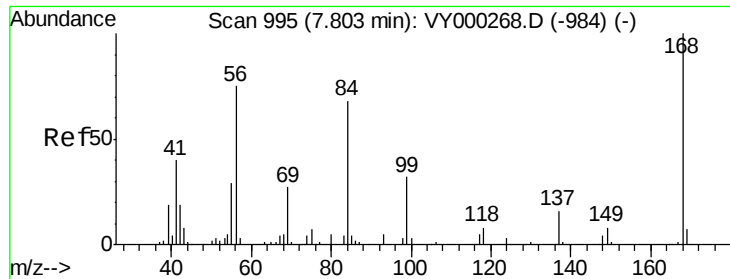
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	82963	22.661	ug/l	98
94) Hexachlorobutadiene	15.11	225	43835	22.124	ug/l	98
95) Naphthalene	15.23	128	181046	22.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	75185	22.786	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion:168 Resp: 234185

Ion Ratio Lower Upper

168 100

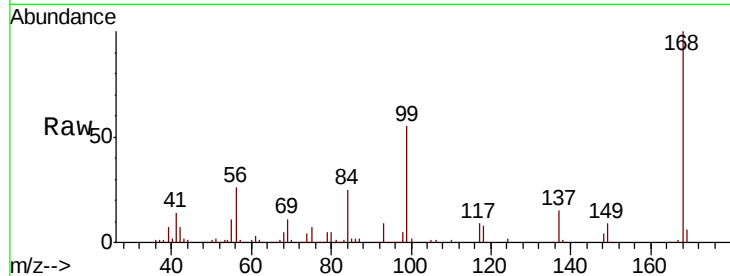
99 54.8 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000378.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000378.D (-946) (-)

7.80

120000

100000

80000

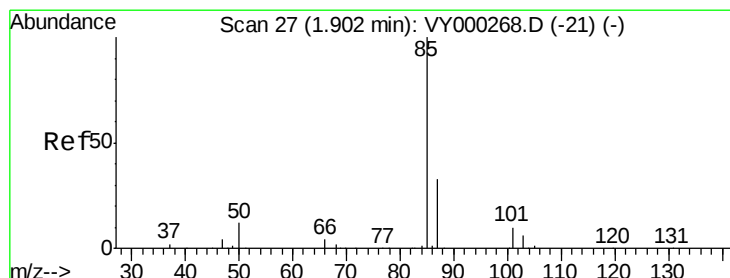
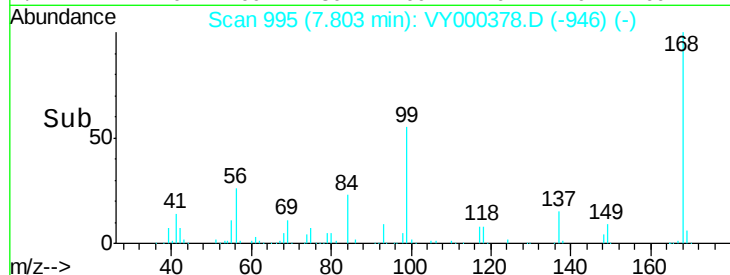
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.598 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000378.D

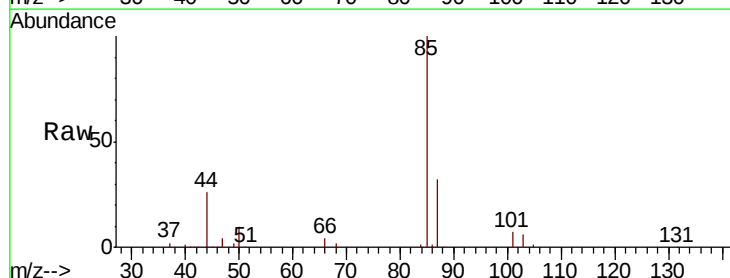
Acq: 23 Oct 2019 14:06

Tgt Ion: 85 Resp: 46221

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000378.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000378.D (-1) (-)

1.90

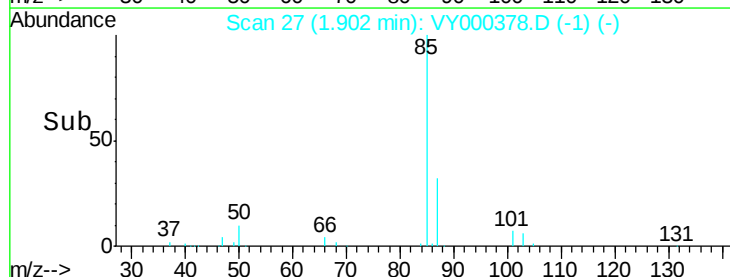
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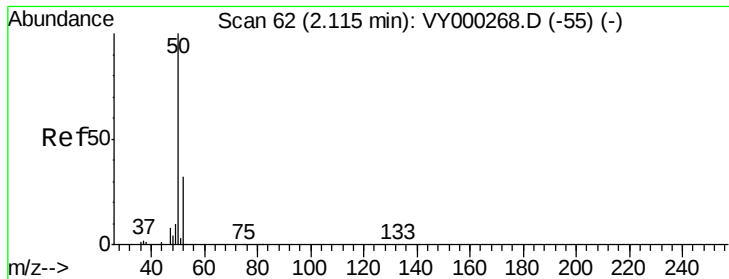
20000

10000

0

Time-->





#3

Chloromethane

Concen: 25.881 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion: 50 Resp: 74063

Ion Ratio Lower Upper

50 100

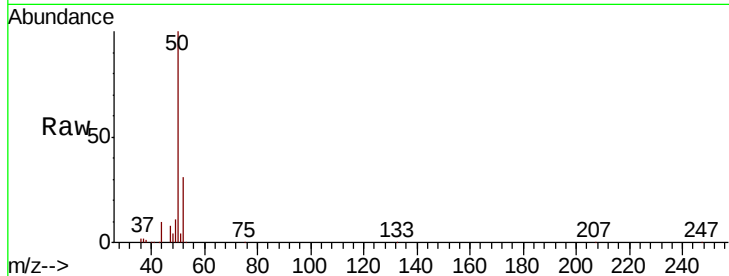
52 30.9 25.3 37.9

Manual Integrations

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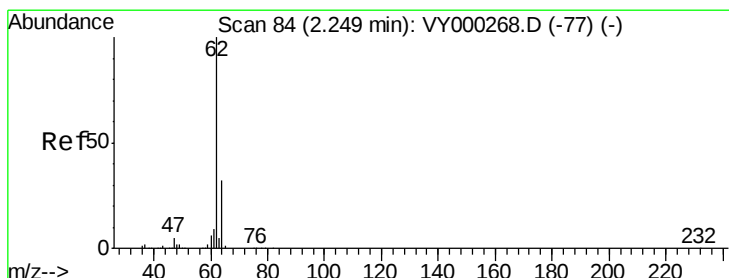
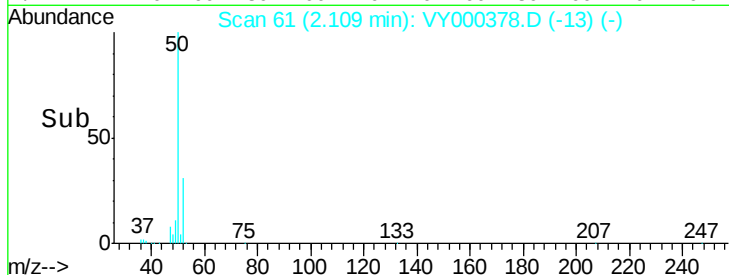
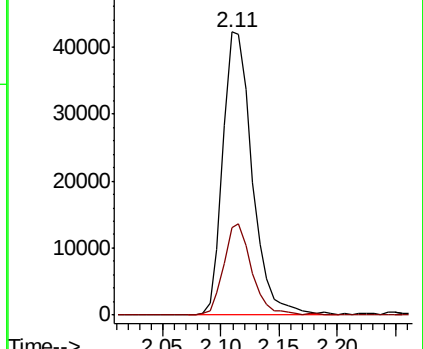
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.419 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000378.D

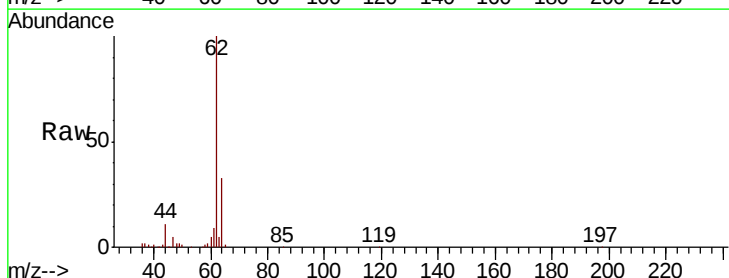
Acq: 23 Oct 2019 14:06

Tgt Ion: 62 Resp: 61860

Ion Ratio Lower Upper

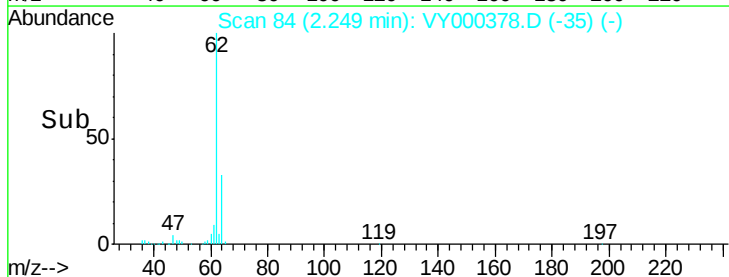
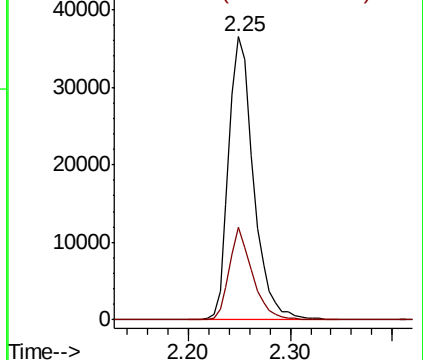
62 100

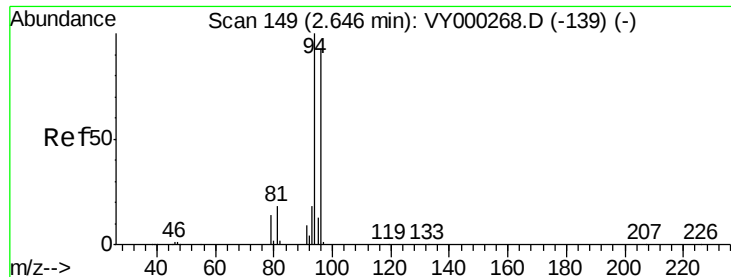
64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 16.954 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion: 94 Resp: 36289

Ion Ratio Lower Upper

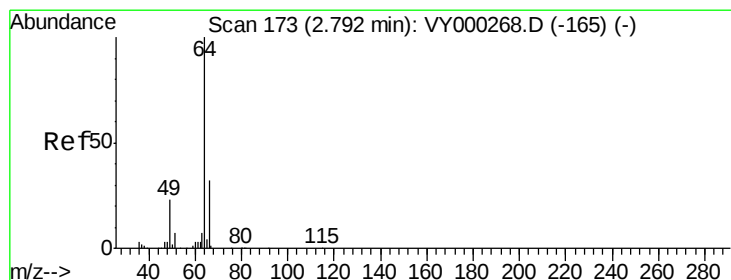
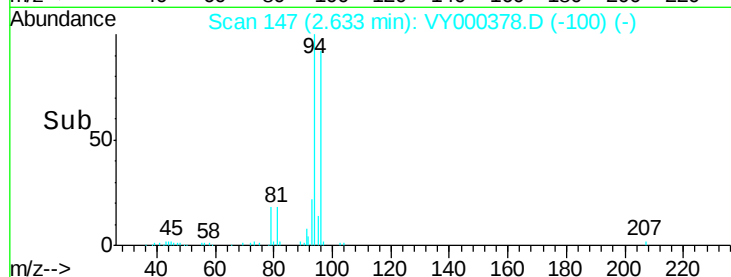
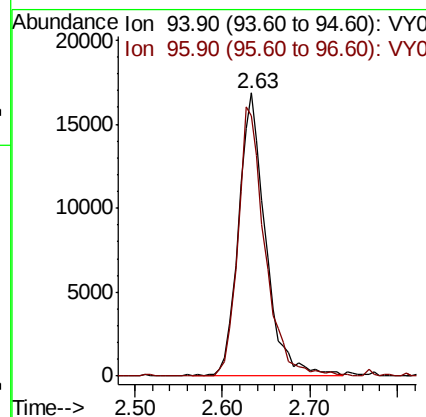
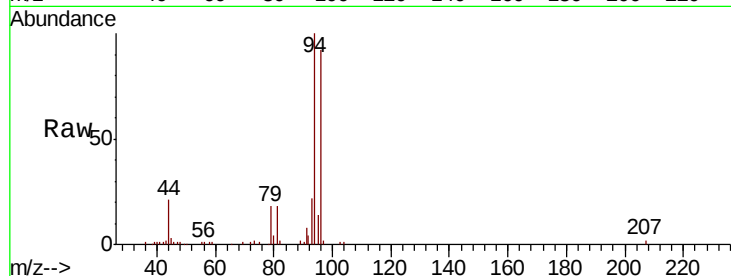
94 100

96 92.1 74.2 111.2

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#6

Chloroethane

Concen: 21.023 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000378.D

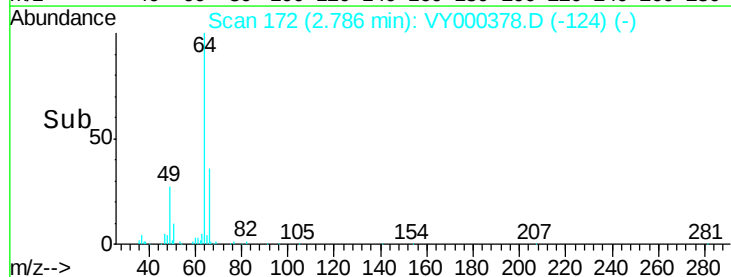
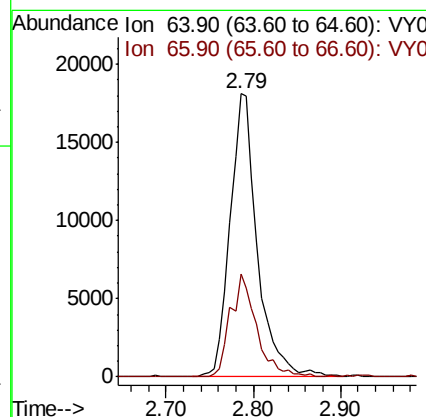
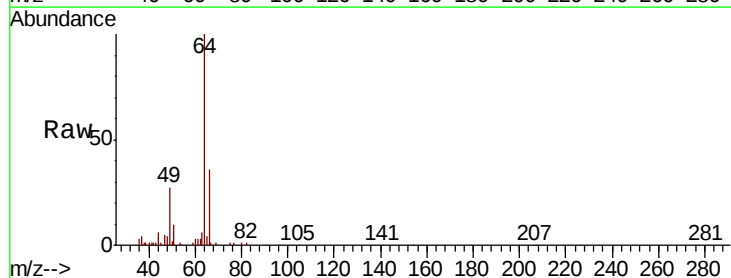
Acq: 23 Oct 2019 14:06

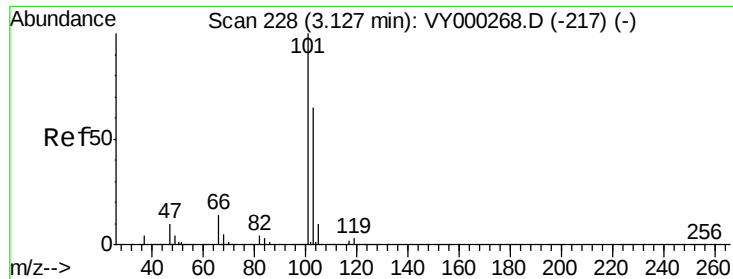
Tgt Ion: 64 Resp: 39176

Ion Ratio Lower Upper

64 100

66 36.3 25.6 38.4





#7

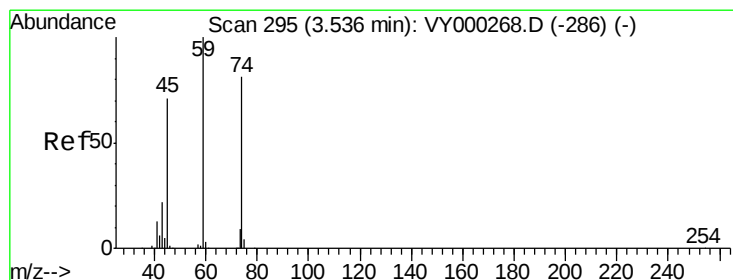
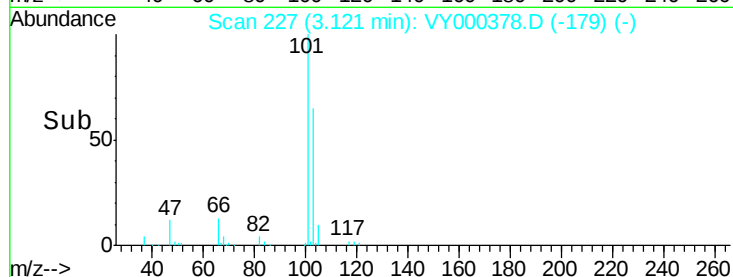
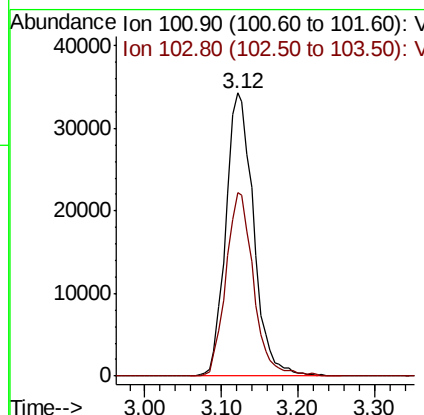
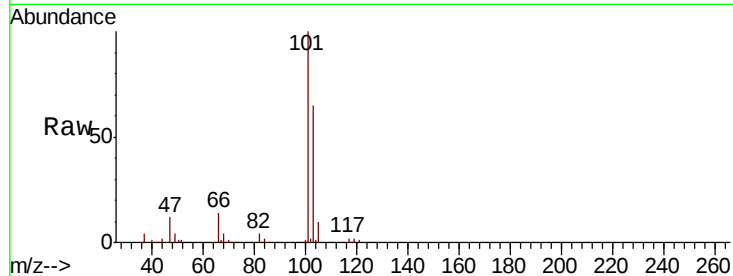
Trichlorofluoromethane
 Concen: 21.718 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
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 VY1023SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.4

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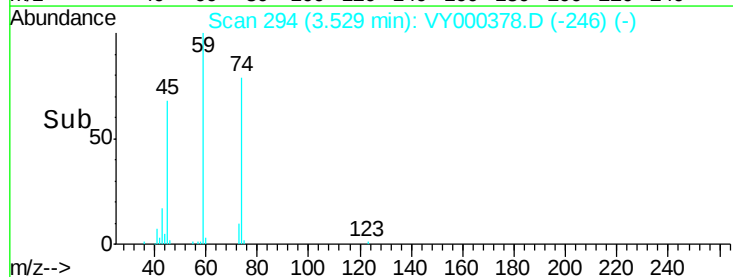
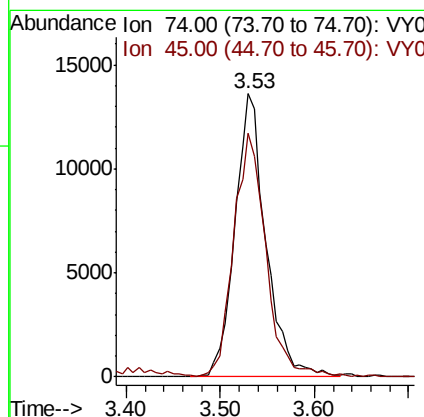
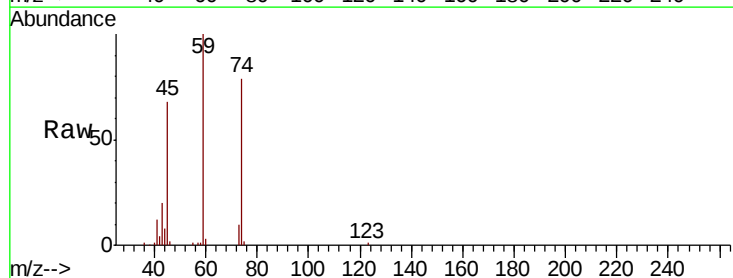
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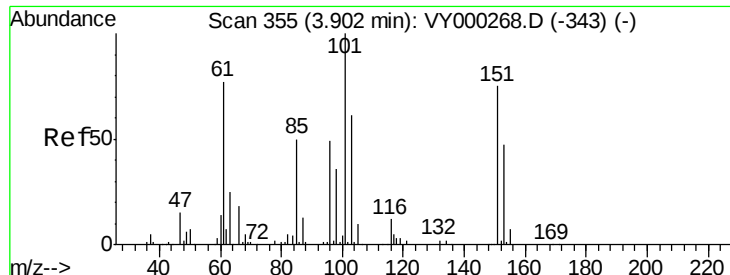


#8

Diethyl Ether
 Concen: 22.313 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.5	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.368 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

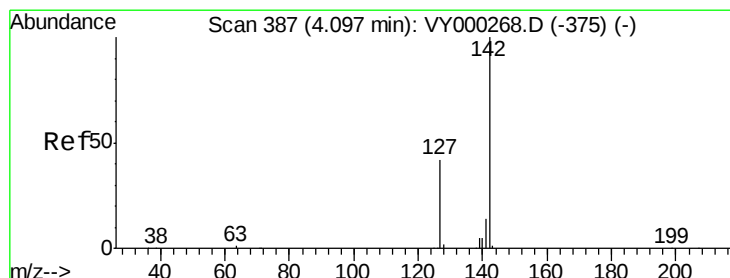
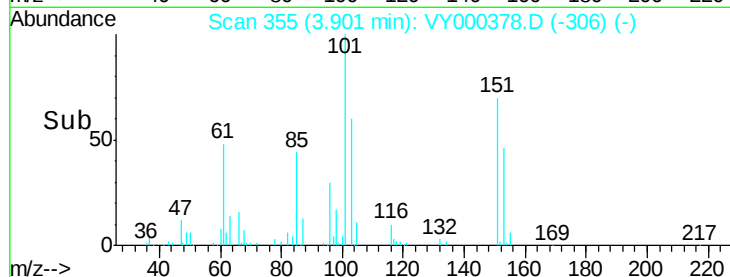
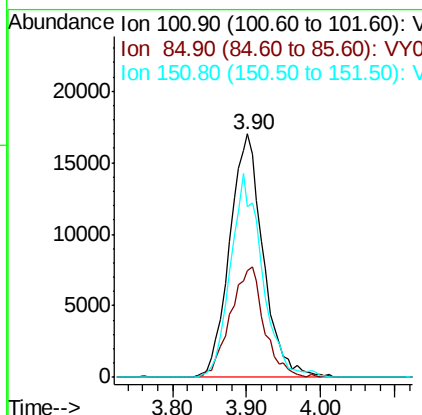
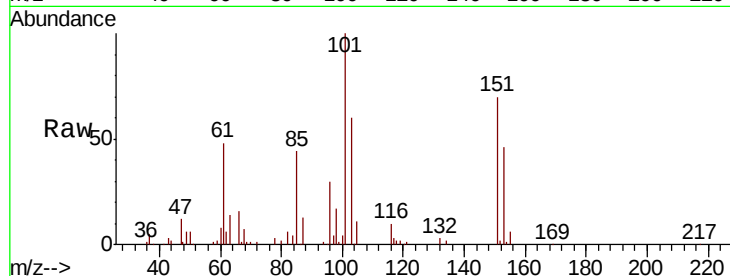
ClientSampleId :

VY1023SBS01

Tot Ion:	101	Resp:	53590
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	55.0
151	78.6	63.1	94.7

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#10

Methyl Iodide

Concen: 14.533 ug/l

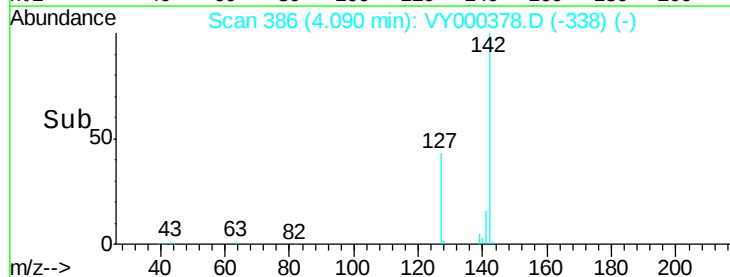
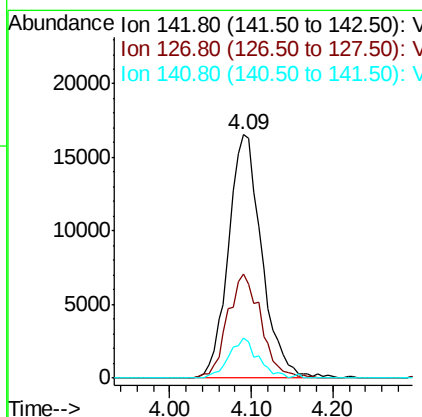
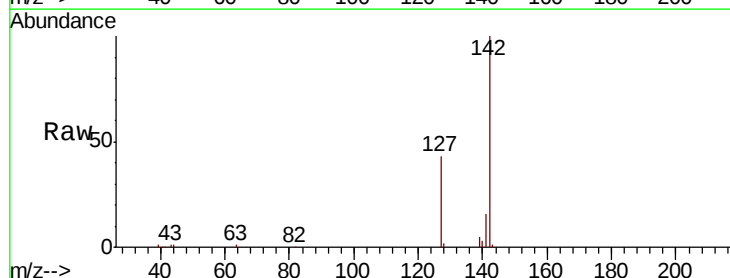
RT: 4.09 min Scan# 386

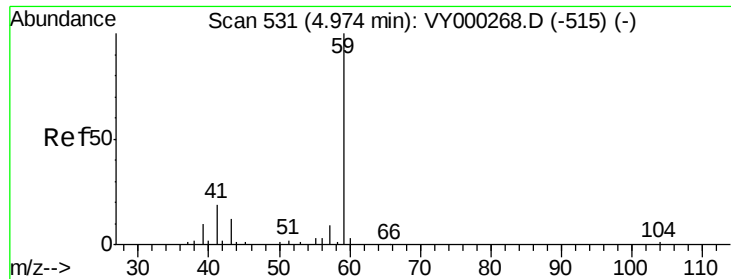
Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	142	Resp:	46655
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.9	50.9
141	14.4	11.2	16.8





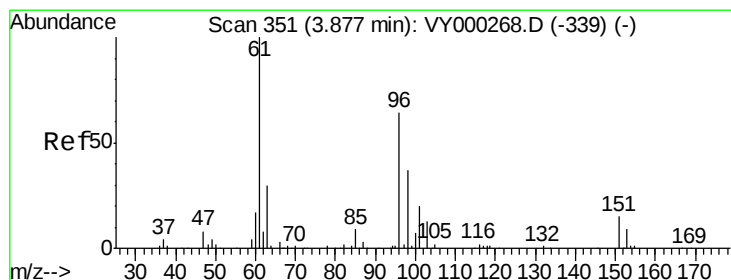
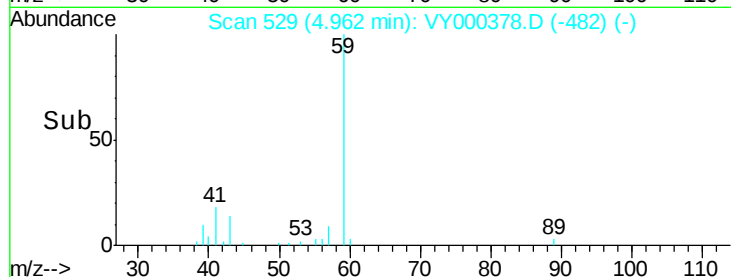
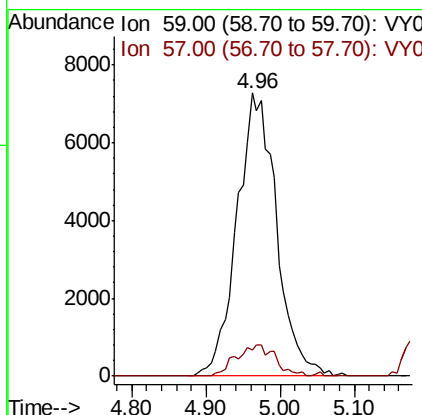
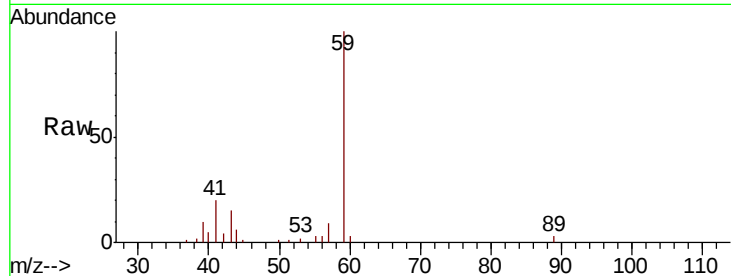
#11
Tert butyl alcohol
Concen: 104.581 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	59	Resp	27036
Ion Ratio	100	Lower	Upper
57	11.0	8.2	12.2

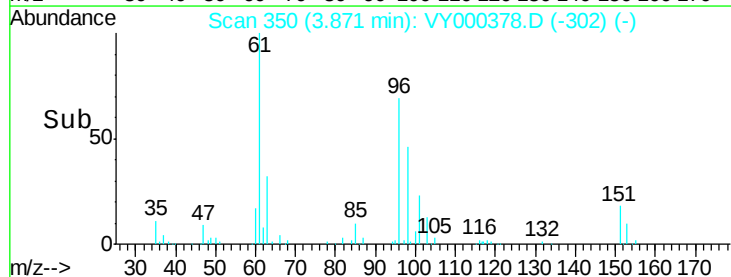
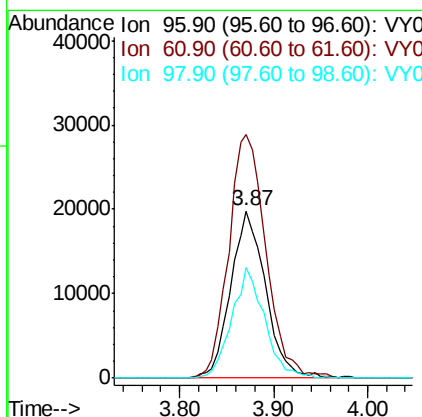
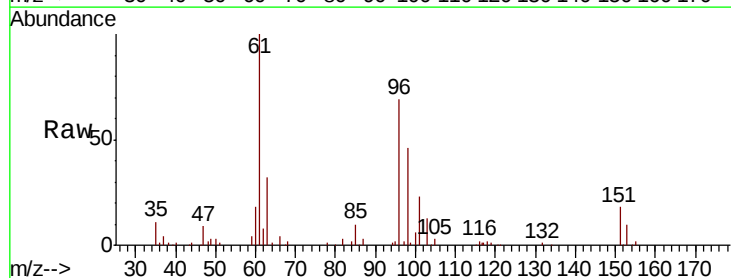
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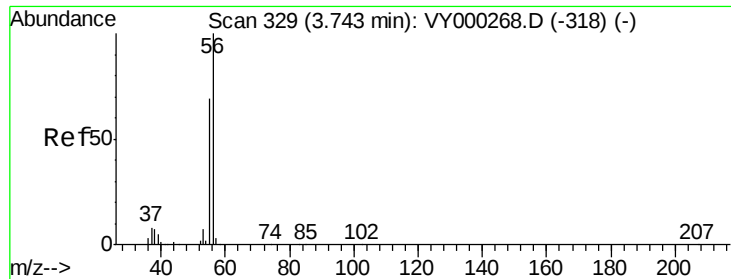
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.593 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	96	Resp	51073
Ion Ratio	100	Lower	Upper
61	145.7	125.8	188.6
98	66.5	46.2	69.2





#13

Acrolein

Concen: 74.791 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion: 56 Resp: 22668

Ion Ratio Lower Upper

56 100

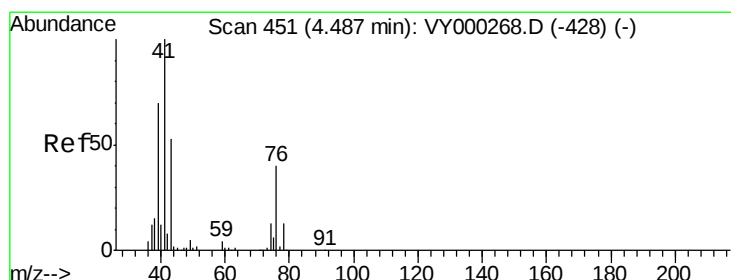
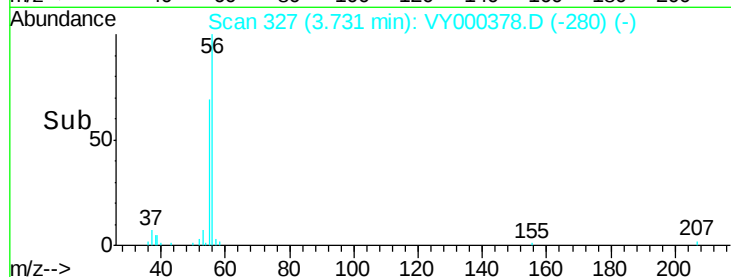
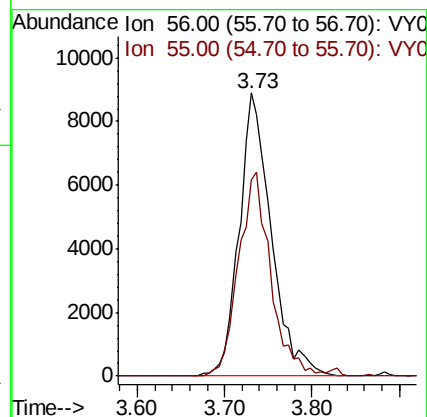
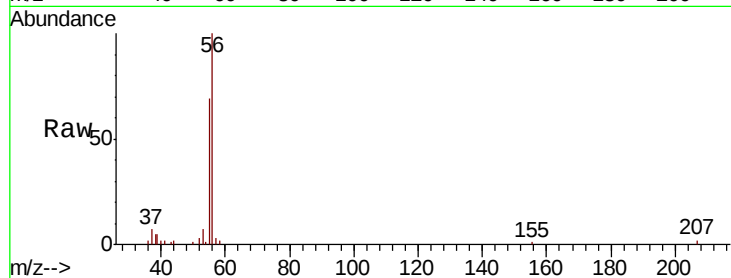
55 72.0 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 21.299 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

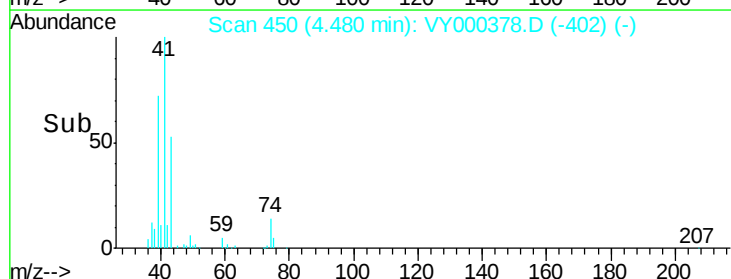
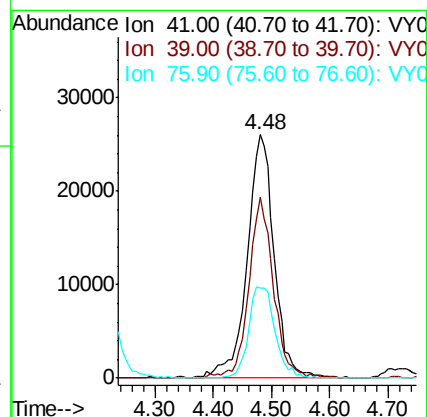
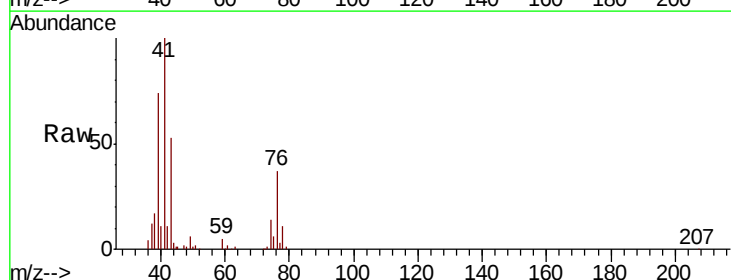
Tgt Ion: 41 Resp: 83483

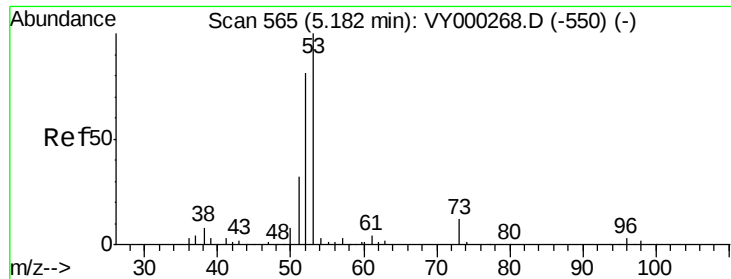
Ion Ratio Lower Upper

41 100

39 67.8 54.0 81.0

76 36.9 30.7 46.1





#15

Acrylonitrile

Concen: 105.824 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

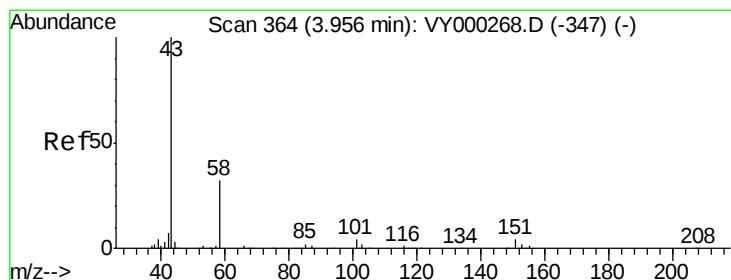
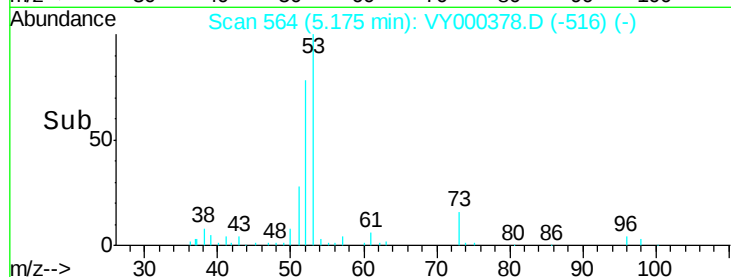
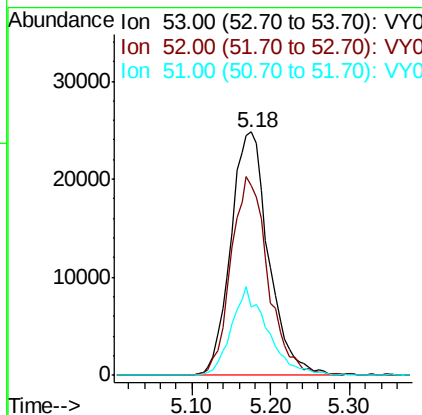
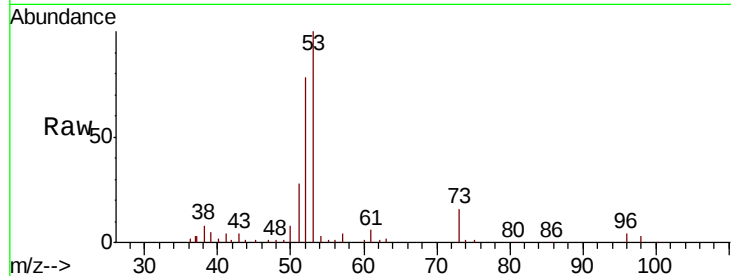
ClientSampleId :

VY1023SBS01

Tot Ion:	53	Resp:	82664
Ion	Ratio	Lower	Upper
53	100		
52	79.8	62.9	94.3
51	34.7	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 101.942 ug/l

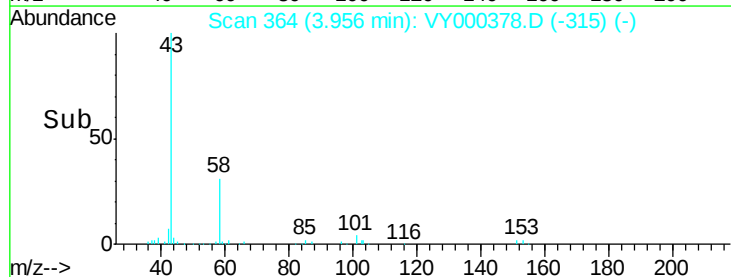
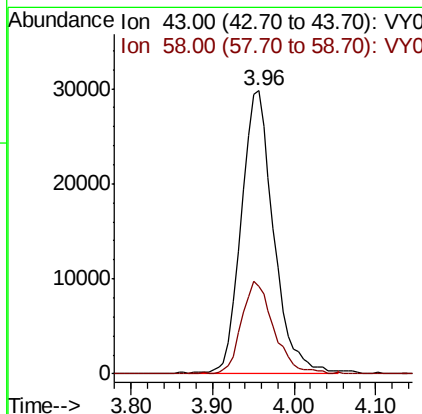
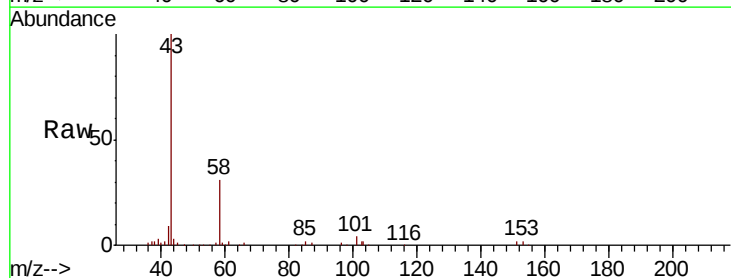
RT: 3.96 min Scan# 364

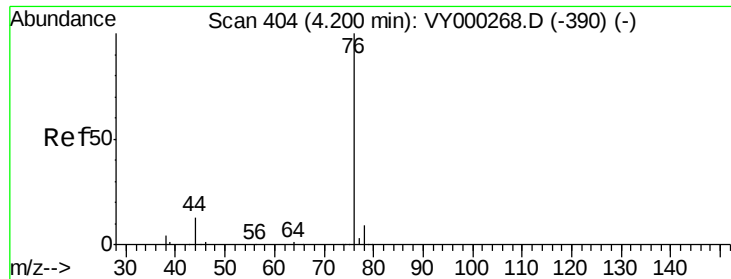
Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	43	Resp:	81552
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.8	38.6





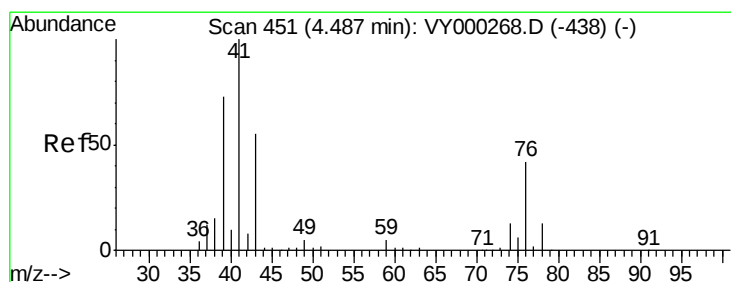
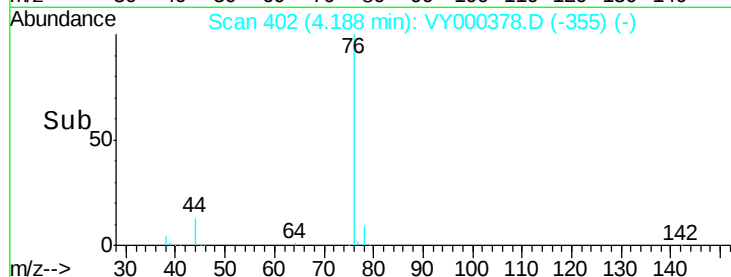
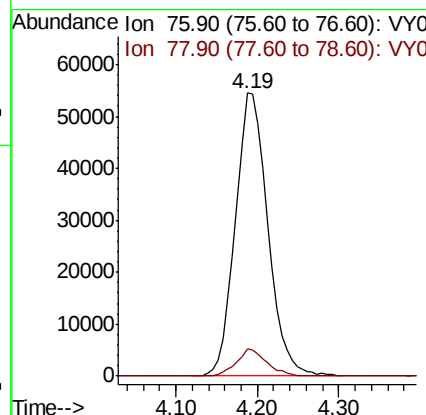
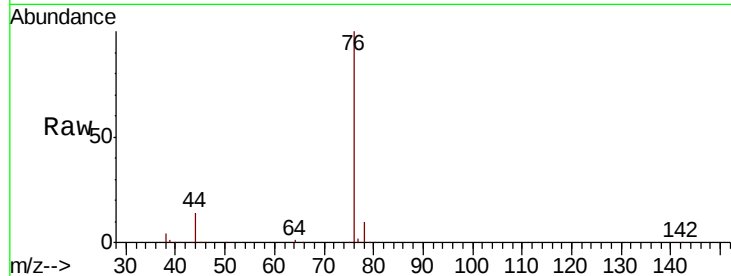
#17
Carbon Disulfide
Concen: 20.193 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.4

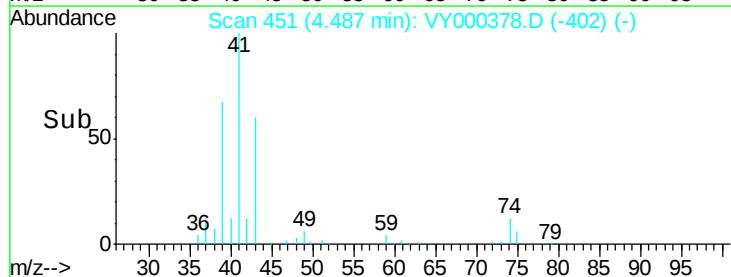
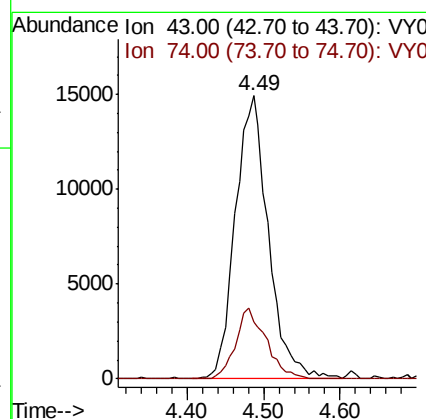
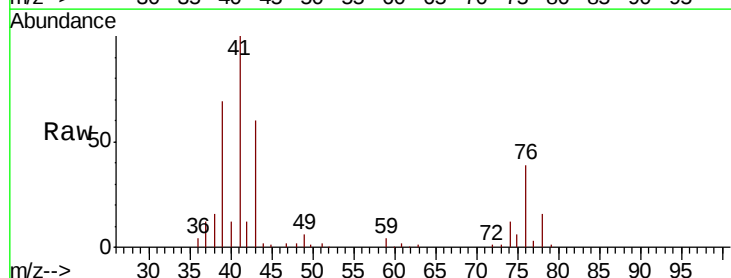
Manual Integrations
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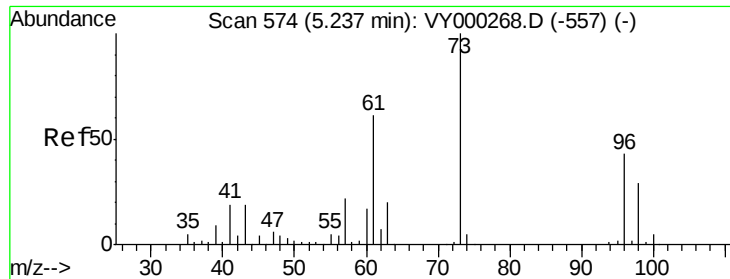
MMDadoda
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#18
Methyl Acetate
Concen: 22.449 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	20.4	30.6





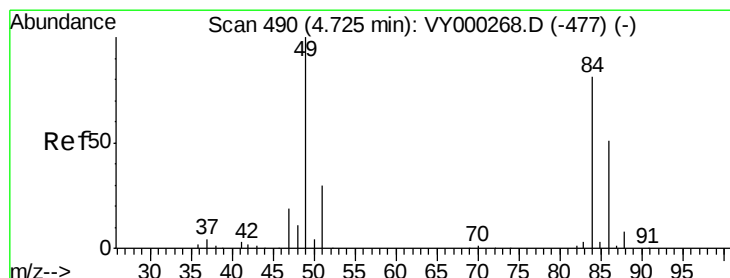
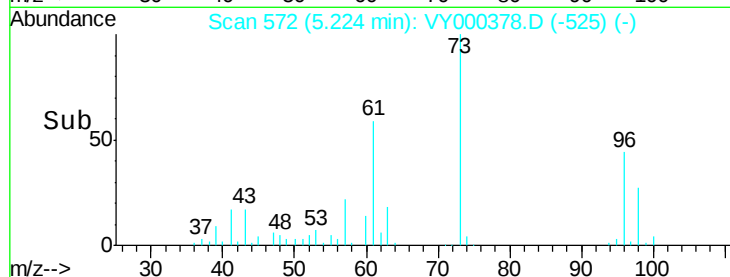
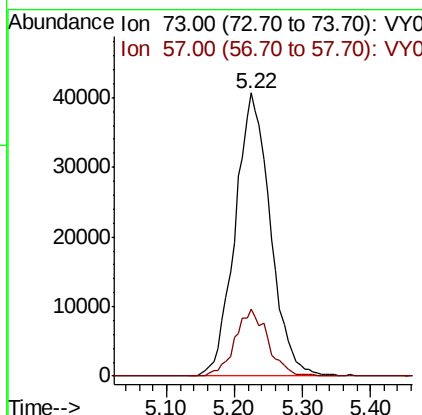
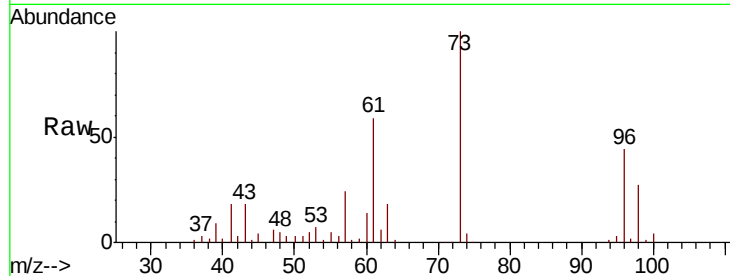
#19
Methvl tert-butvl Ether
Concen: 22.231 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion: 73 Resp: 146373
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.0

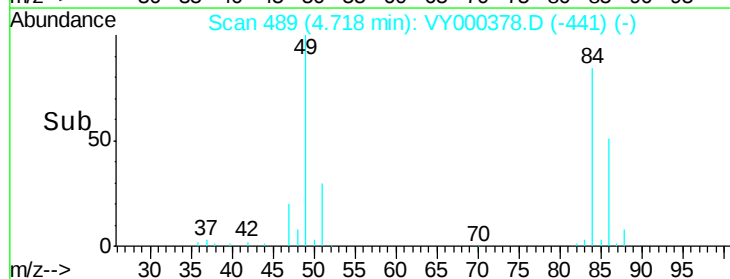
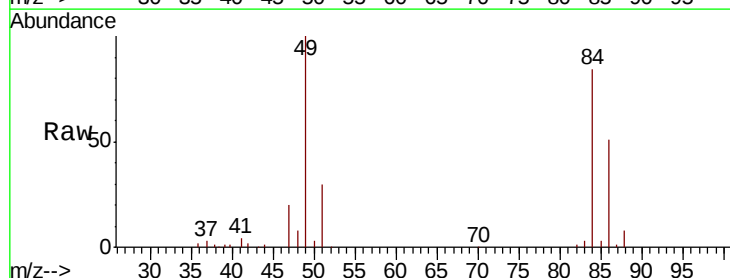
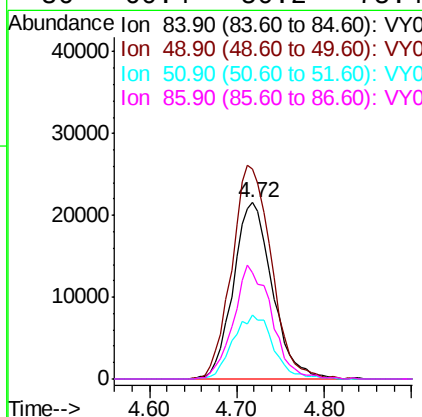
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#20
Methylene Chloride
Concen: 21.662 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion: 84 Resp: 66692
Ion Ratio Lower Upper
84 100
49 119.1 99.0 148.4
51 36.1 29.3 43.9
86 60.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.930 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

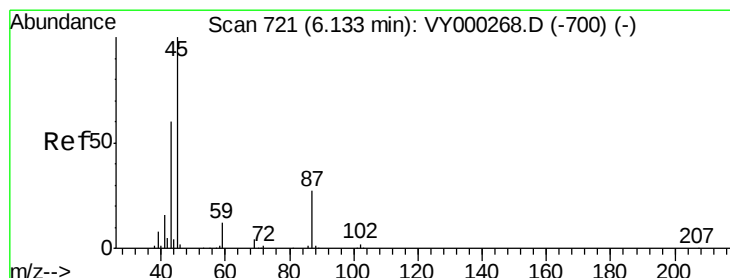
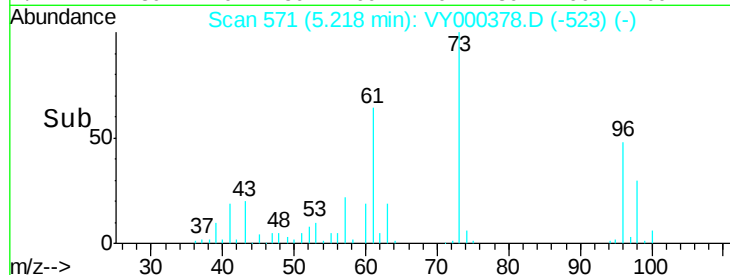
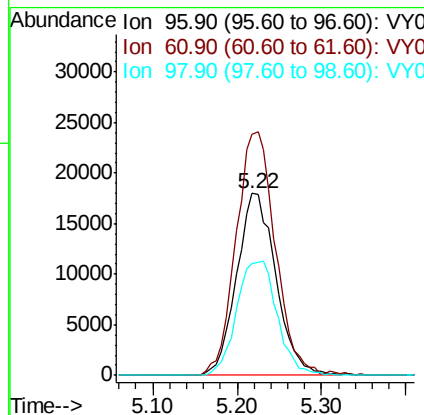
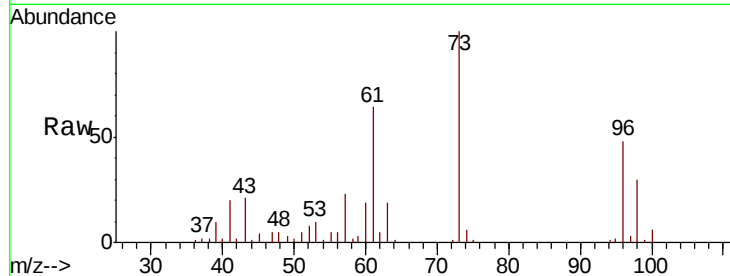
ClientSampleId :

VY1023SBS01

Tot Ion:	96	Resp:	56795
Ion	Ratio	Lower	Upper
96	100		
61	132.4	100.4	150.6
98	61.6	44.6	66.8

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#22

Diisopropyl ether

Concen: 21.937 ug/l

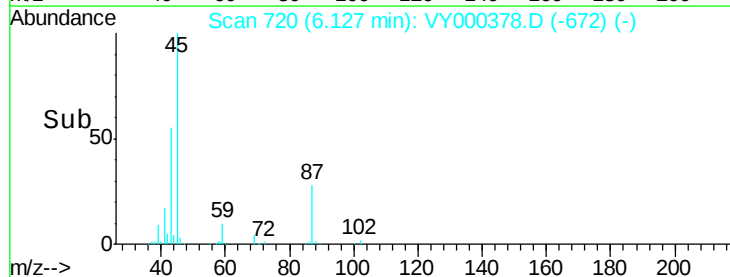
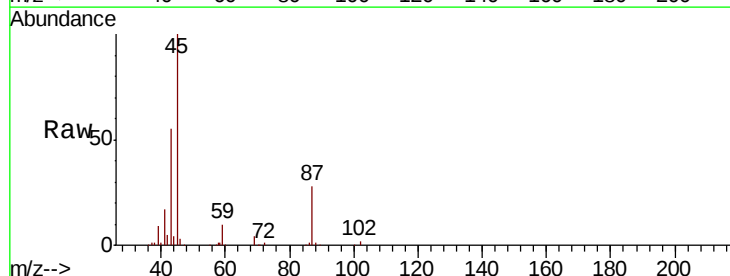
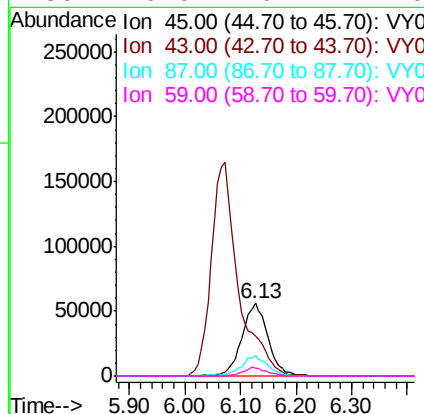
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	45	Resp:	181854
Ion	Ratio	Lower	Upper
45	100		
43	55.0	48.5	72.7
87	27.8	21.5	32.3
59	10.0	9.4	14.0





#23

Vinyl Acetate

Concen: 103.554 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion: 43 Resp: 560051

Ion Ratio Lower Upper

43 100

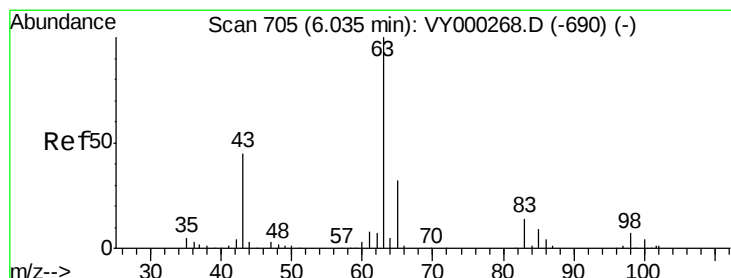
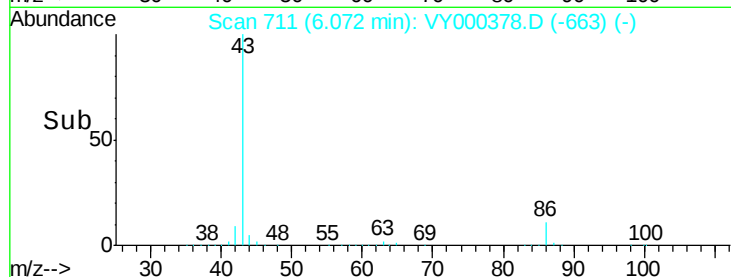
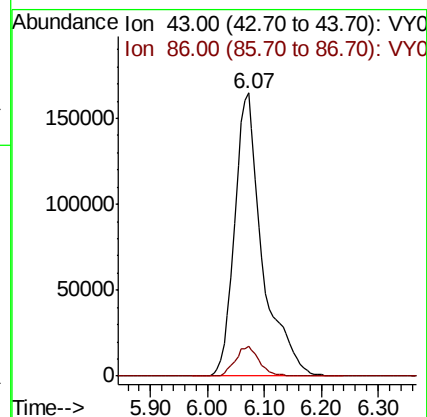
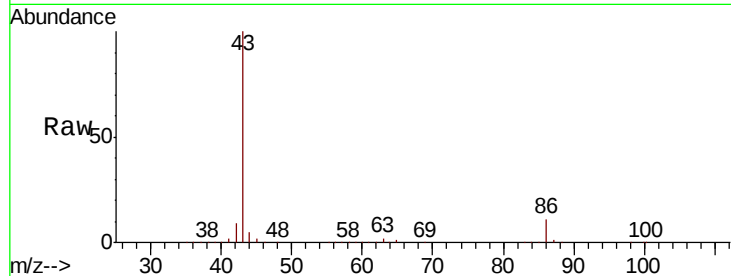
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.832 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

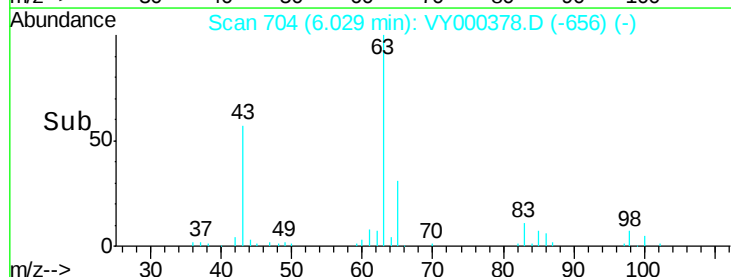
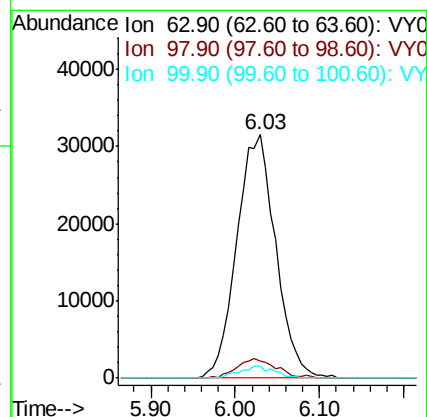
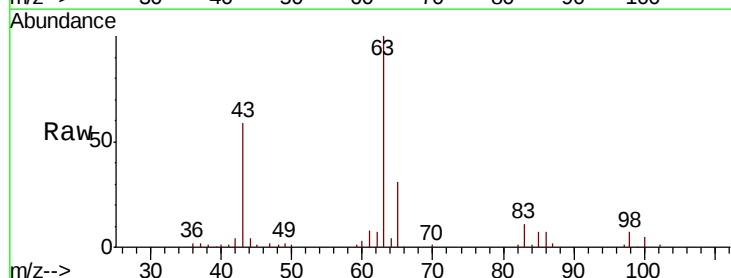
Tgt Ion: 63 Resp: 98792

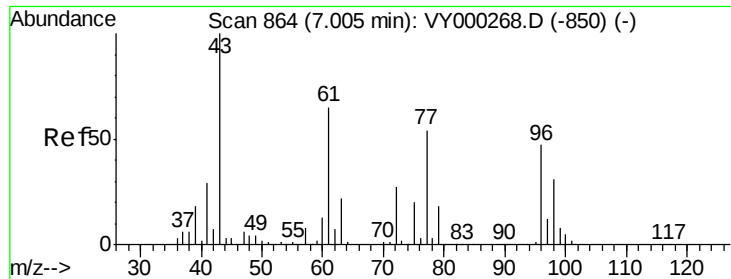
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.9 2.1 6.2





#25

2-Butanone

Concen: 104.826 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion: 43 Resp: 118131

Ion Ratio Lower Upper

43 100

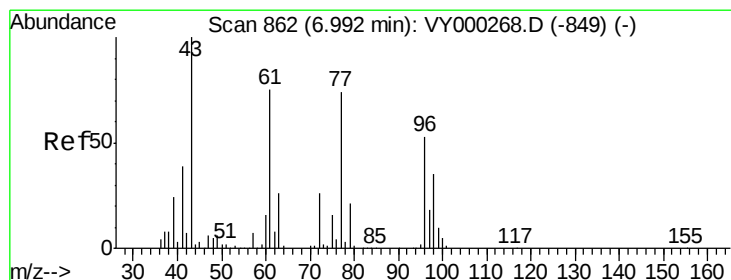
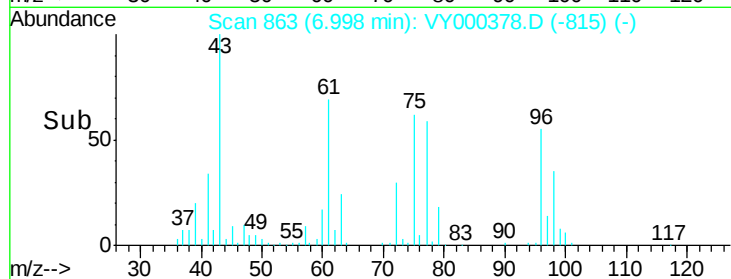
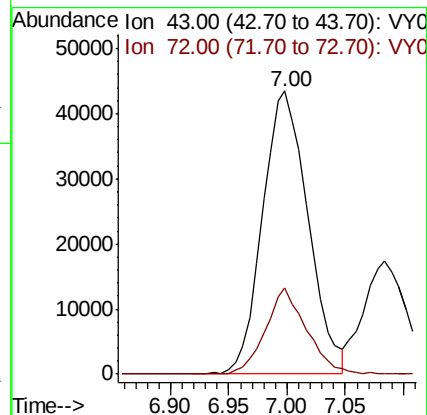
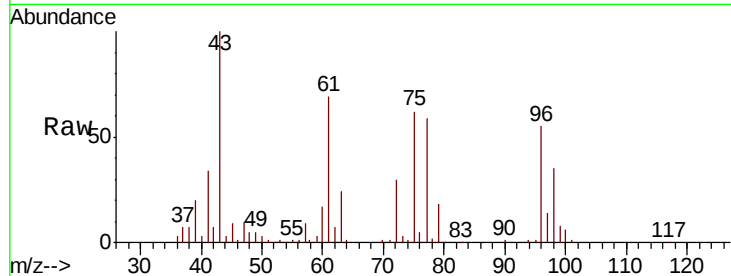
72 30.3 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 21.738 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000378.D

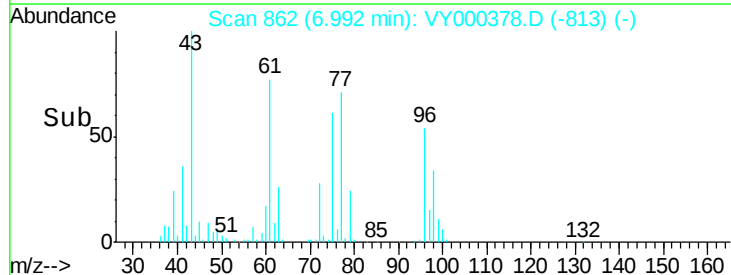
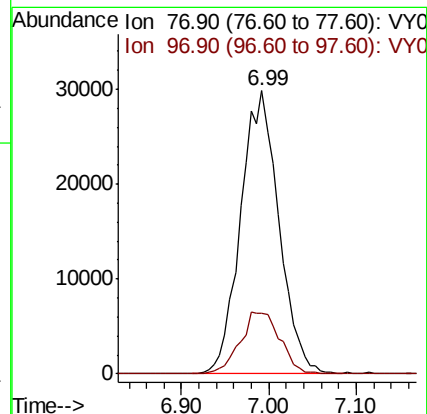
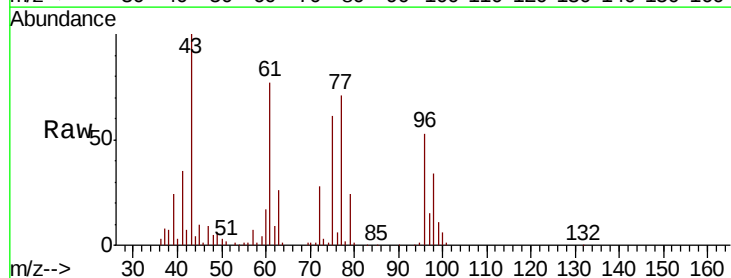
Acq: 23 Oct 2019 14:06

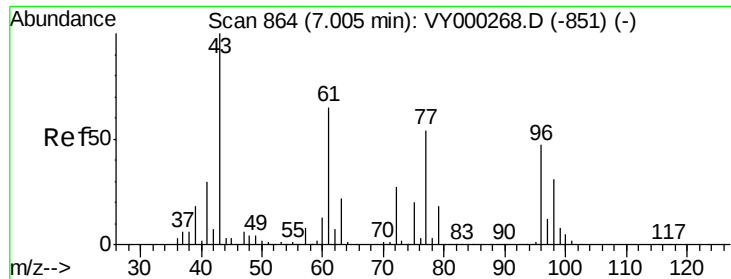
Tgt Ion: 77 Resp: 90641

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

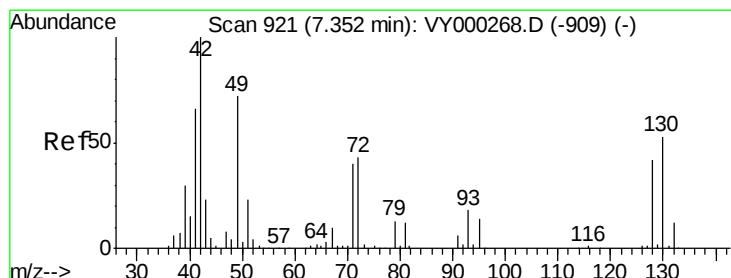
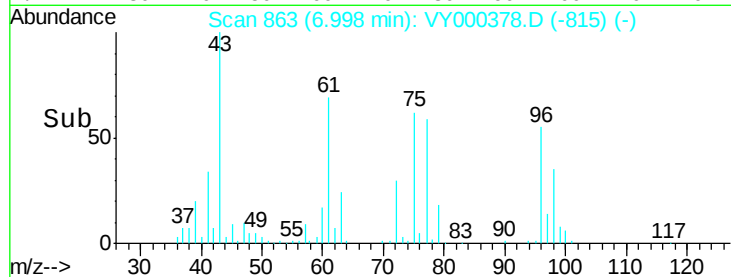
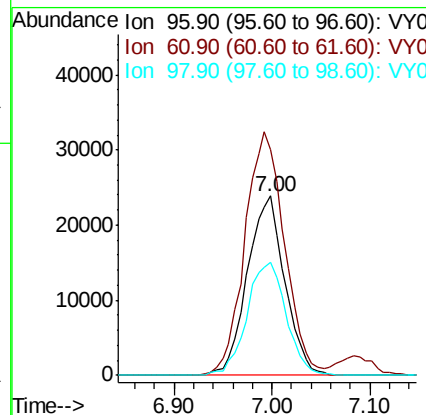
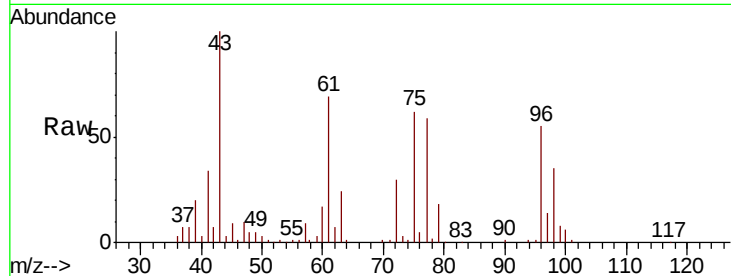
cis-1,2-Dichloroethene
Concen: 21.537 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	289.8
98	65.8	0.0	131.8

Manual Integrations
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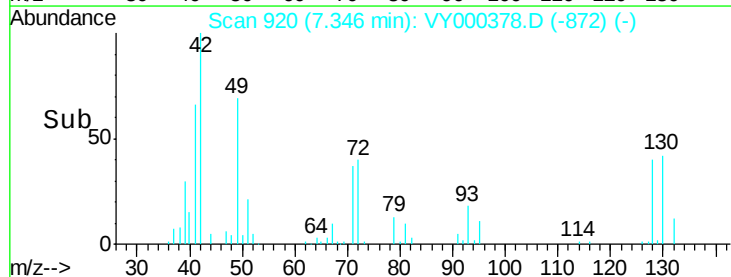
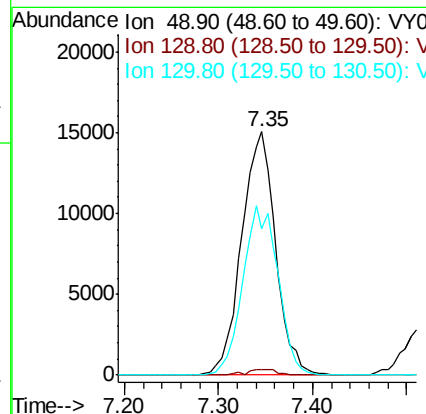
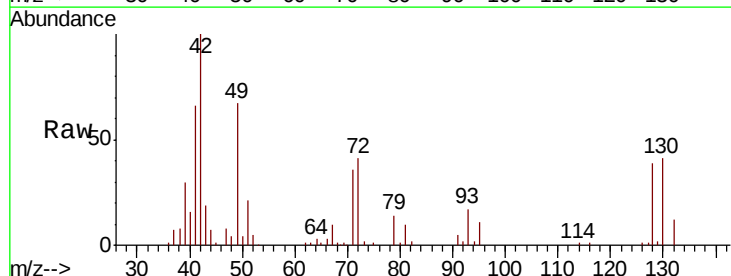
MMDadoda
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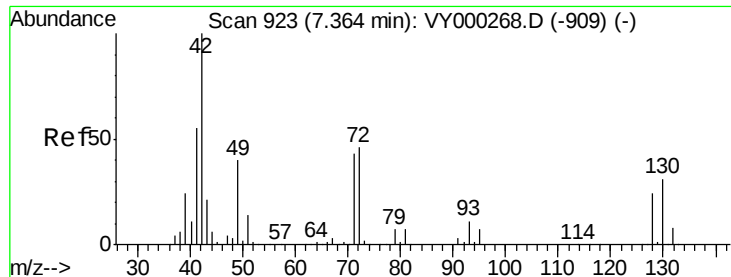


#28

Bromochloromethane
Concen: 19.549 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.0	58.2	87.2





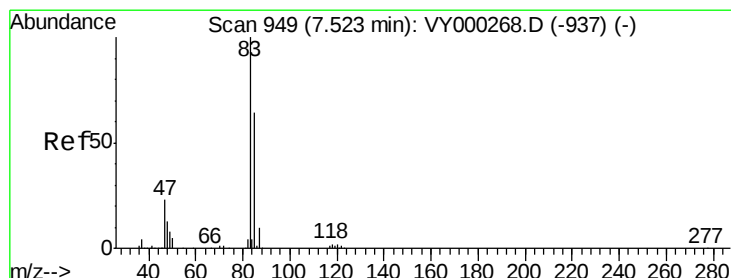
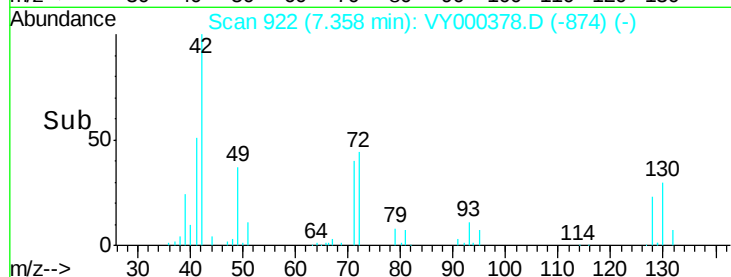
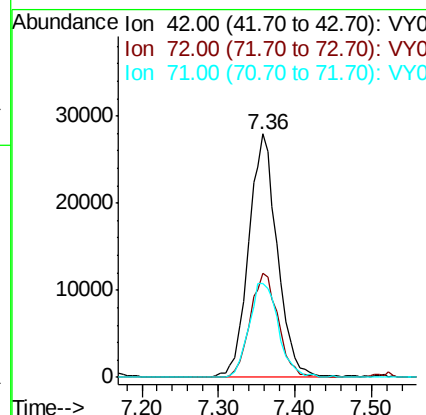
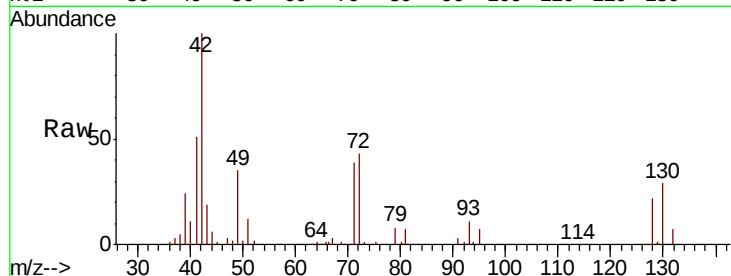
#29
Tetrahydrofuran
Concen: 105.976 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.5	51.7
71	40.0	32.7	49.1

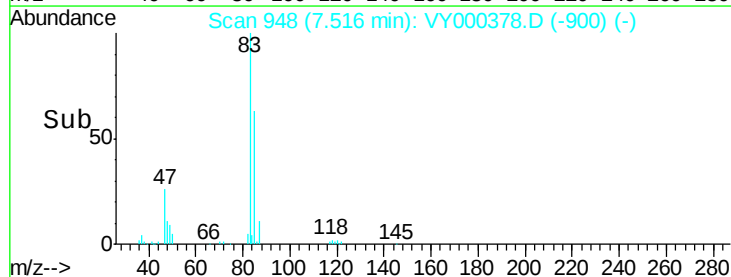
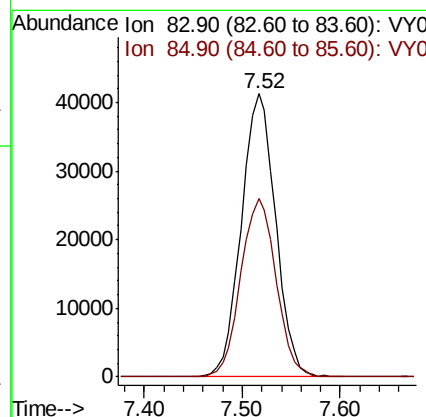
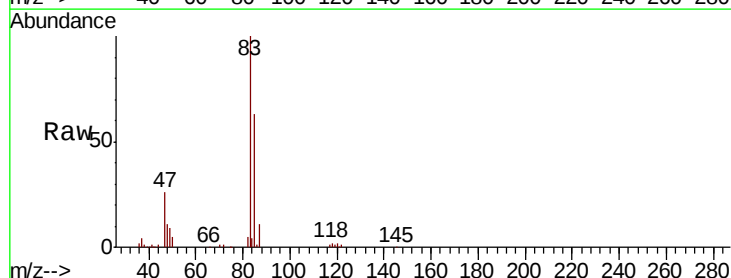
Manual Integrations
APPROVED

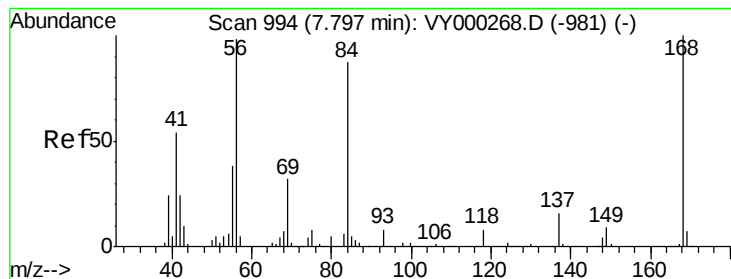
MMDadoda
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#30
Chloroform
Concen: 22.036 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.2





#31

Cyclohexane

Concen: 20.372 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

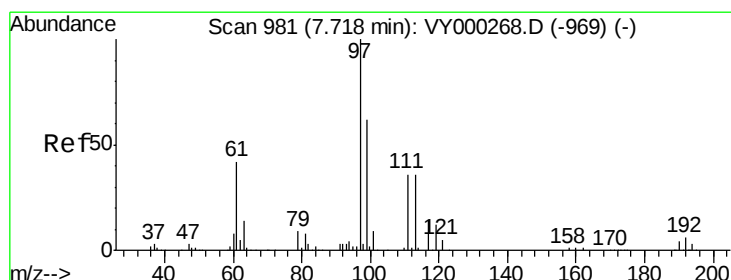
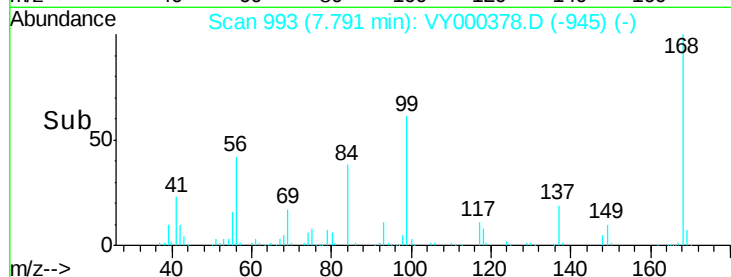
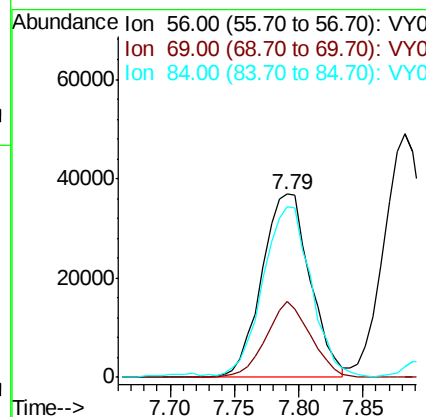
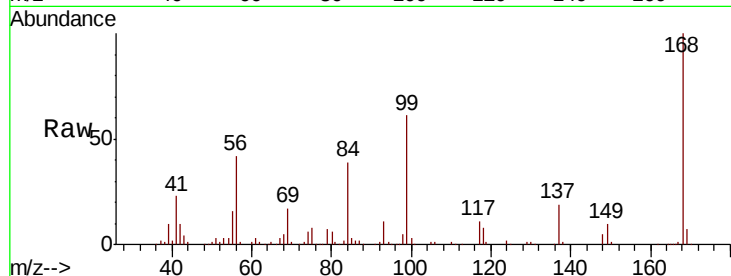
ClientSampleId :

VY1023SBS01

Tot Ion:	56	Resp:	96281
Ion Ratio	Lower	Upper	
56	100		
69	41.4	26.3	39.5#
84	90.8	70.8	106.2

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 21.556 ug/l

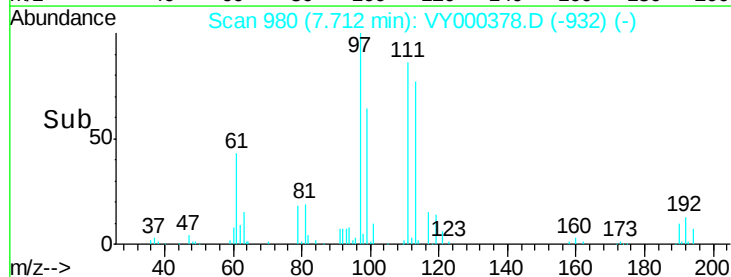
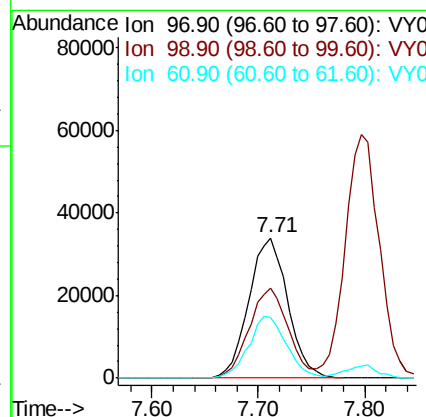
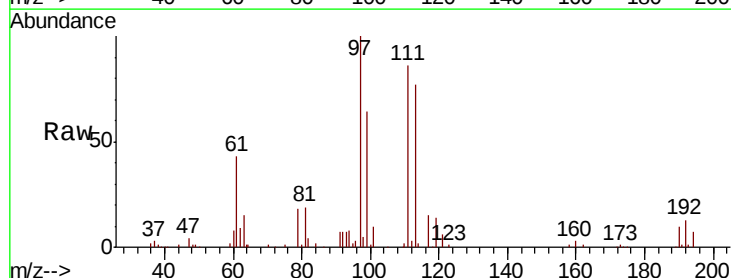
RT: 7.71 min Scan# 980

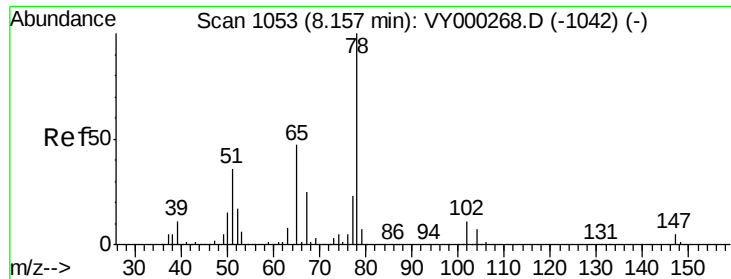
Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	97	Resp:	87331
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.7	77.5
61	43.1	34.5	51.7





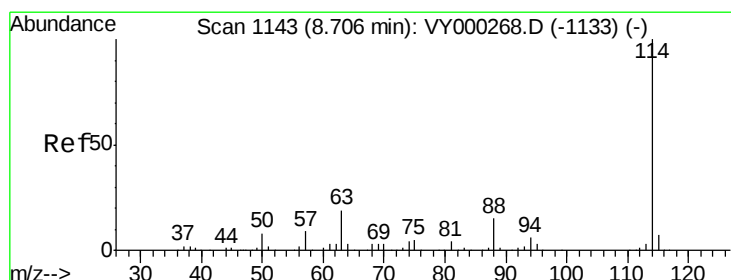
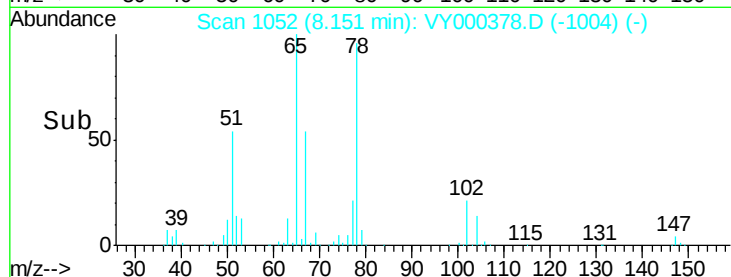
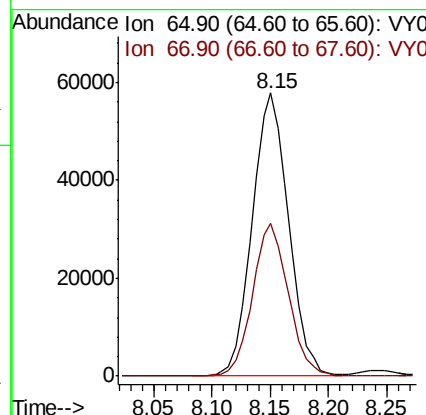
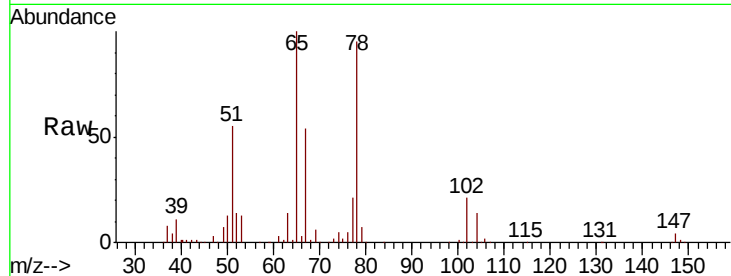
#33
 1,2-Dichloroethane-d4
 Concen: 51.039 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	126080		
67	53.1	0.0	109.4	

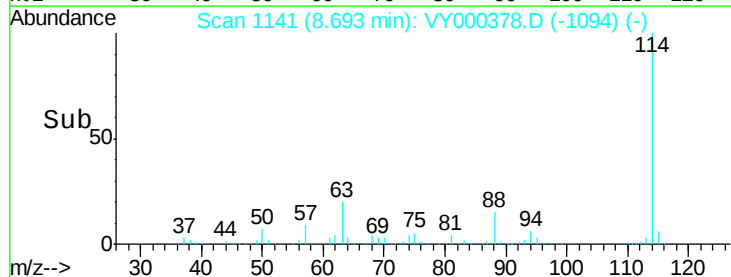
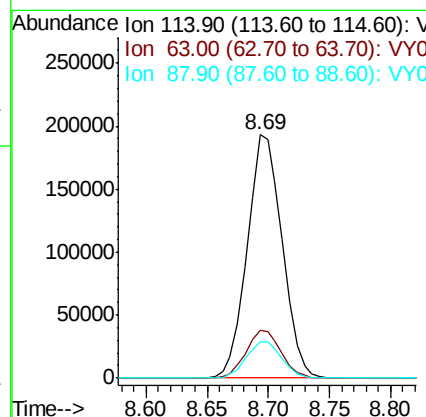
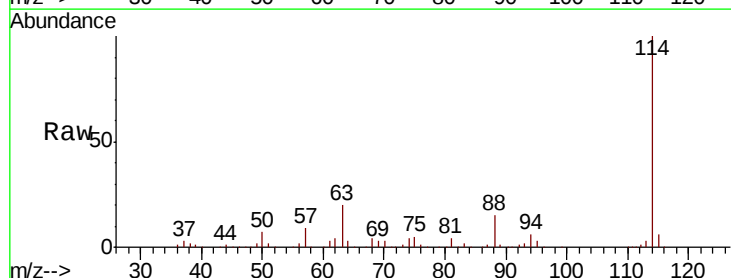
Manual Integrations
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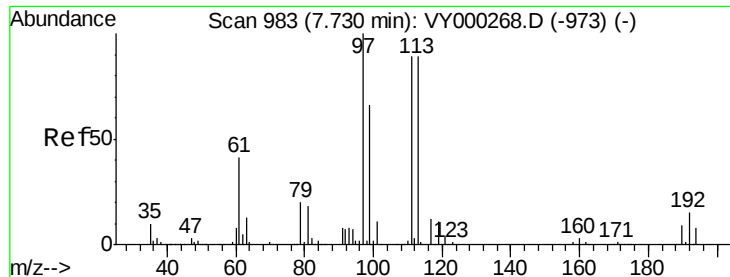
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	383808		
63	19.5	0.0	37.2	
88	14.7	0.0	30.2	





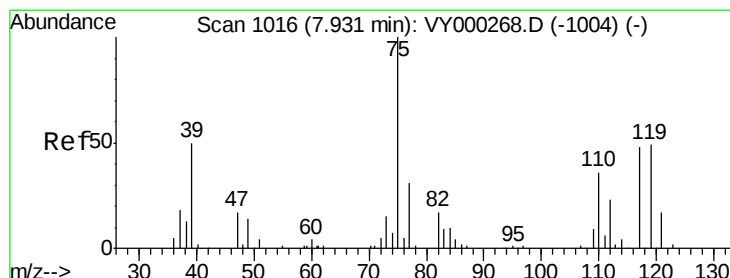
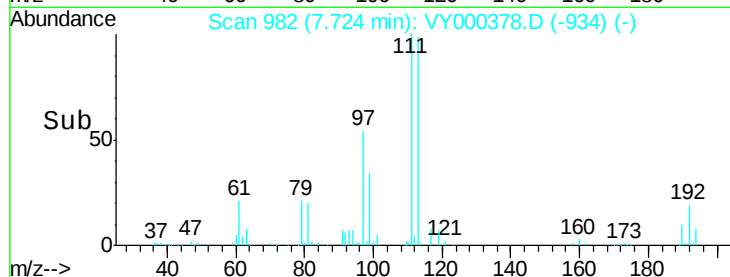
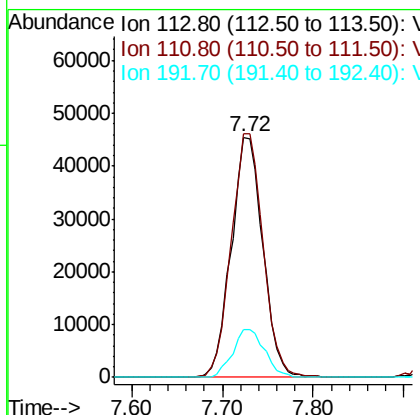
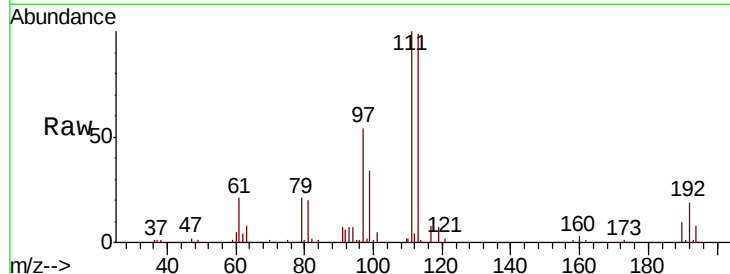
#35
 Dibromofluoromethane
 Concen: 47.401 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	20.1	15.3	22.9

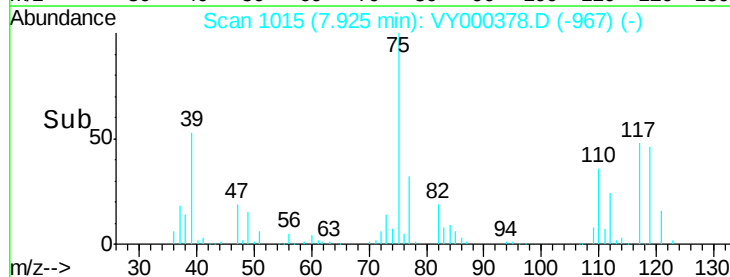
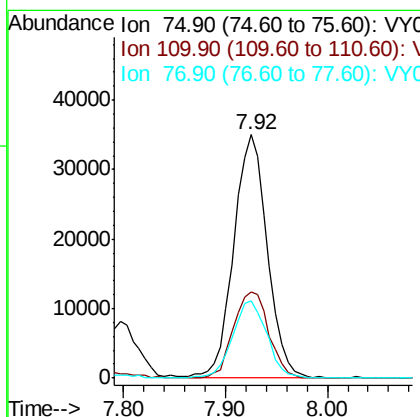
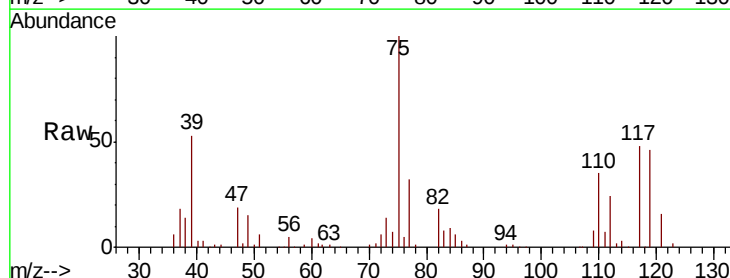
Manual Integrations
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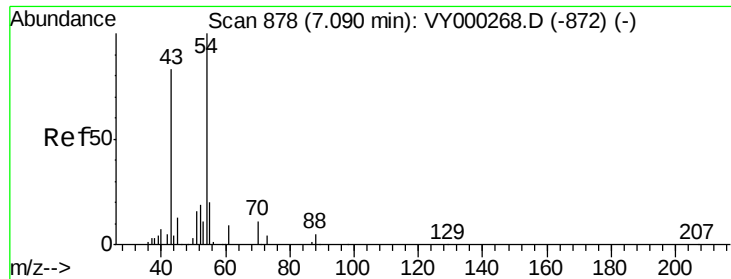
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#36
 1,1-Dichloropropene
 Concen: 21.245 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.4	55.4
77	32.3	25.0	37.6





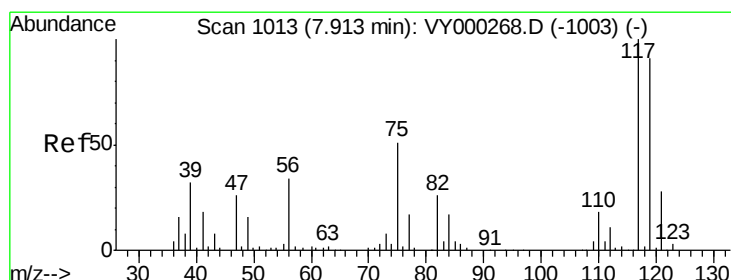
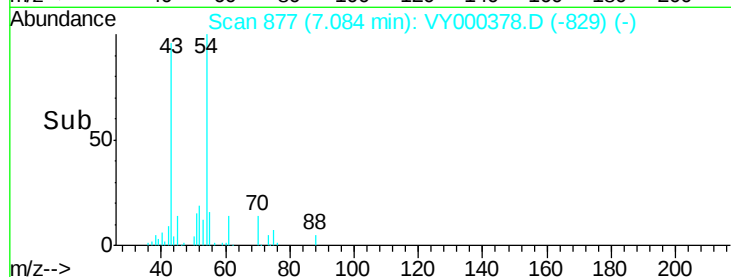
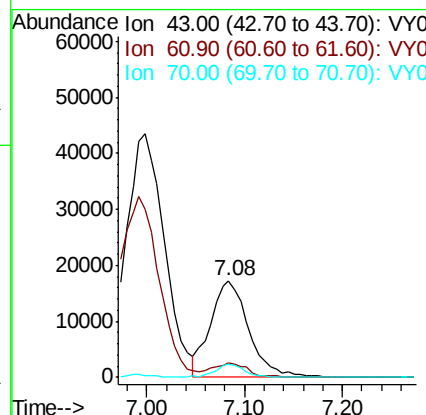
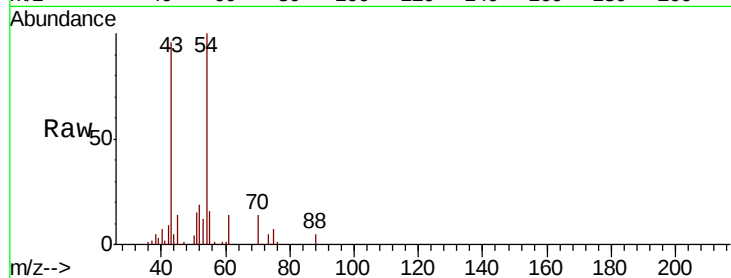
#37
Ethyl Acetate
Concen: 21.030 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	10.5	8.7	13.1

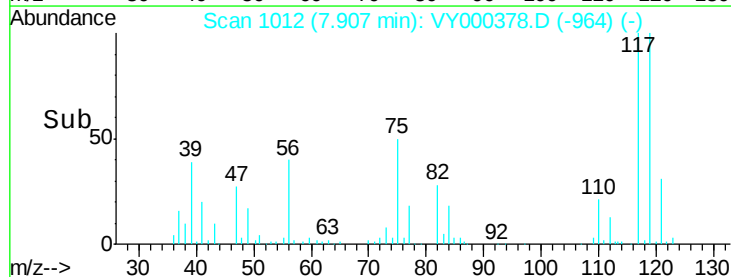
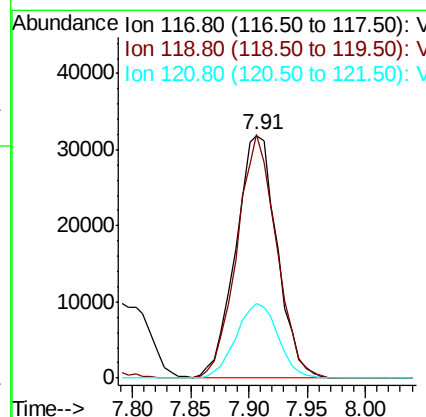
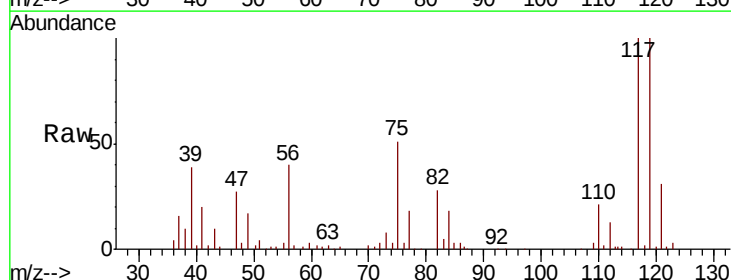
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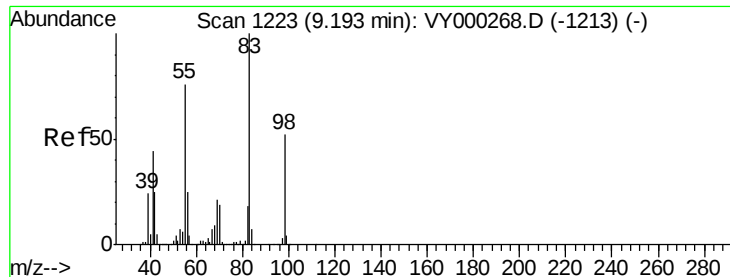
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#38
Carbon Tetrachloride
Concen: 21.730 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	72.8	109.2
121	30.7	22.2	33.2





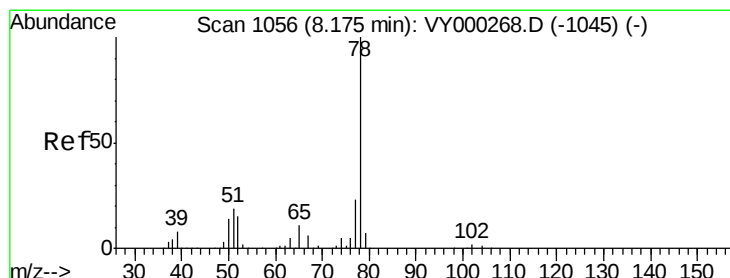
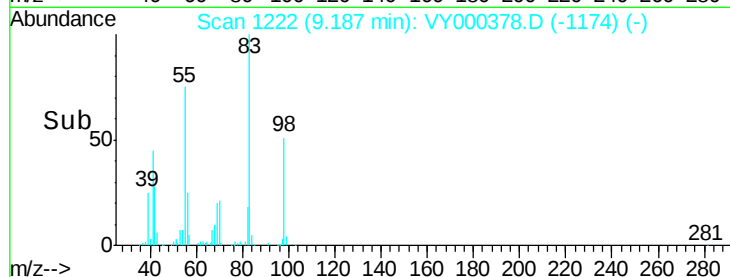
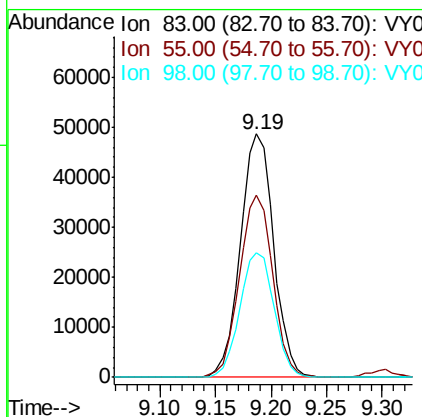
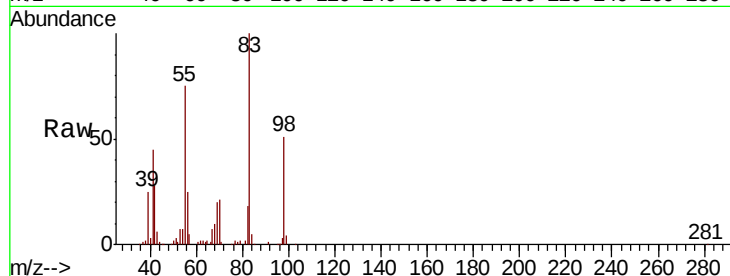
#39
Methvlcvclohexane
Concen: 20.533 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.9	91.3
98	51.3	41.8	62.6

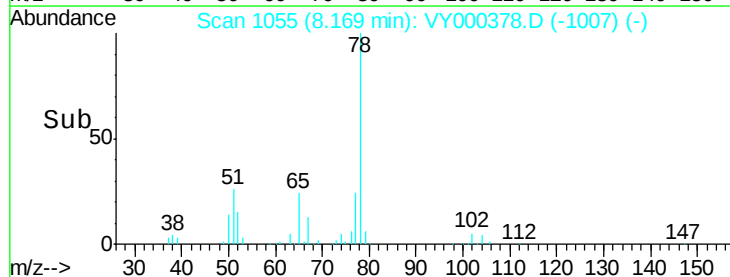
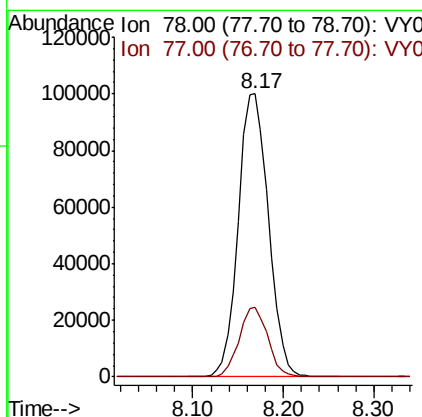
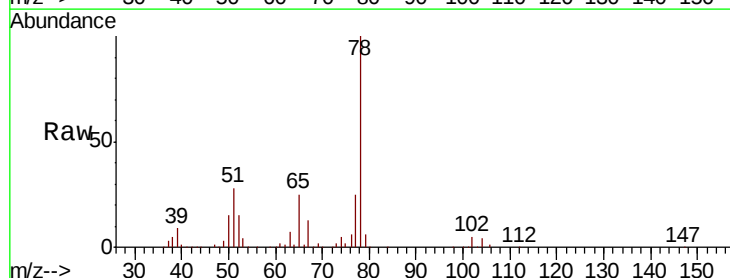
Manual Integrations
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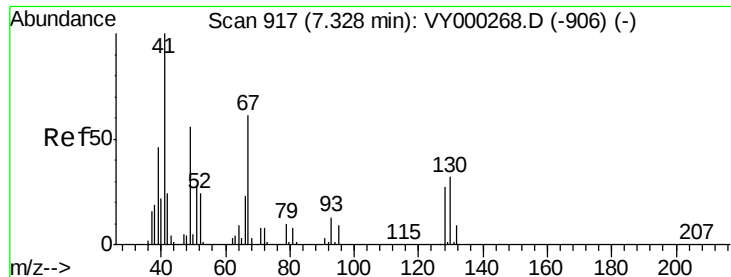
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#40
Benzene
Concen: 21.318 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





#41

Methacrylonitrile

Concen: 20.632 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion: 41 Resp: 21852

Ion Ratio Lower Upper

41 100

39 141.2 110.2 165.2

67 0.0 0.0 0.0

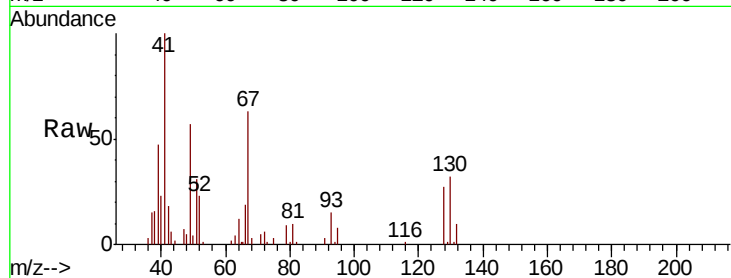
52 0.0 0.0 0.0

Manual Integrations

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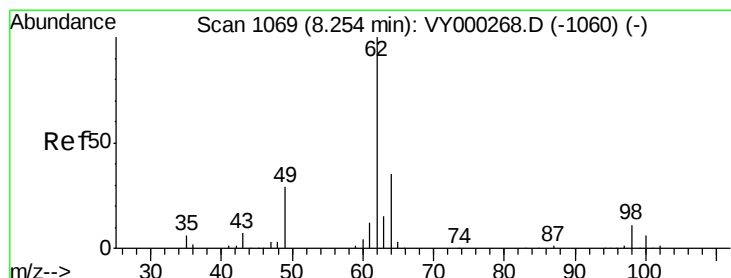
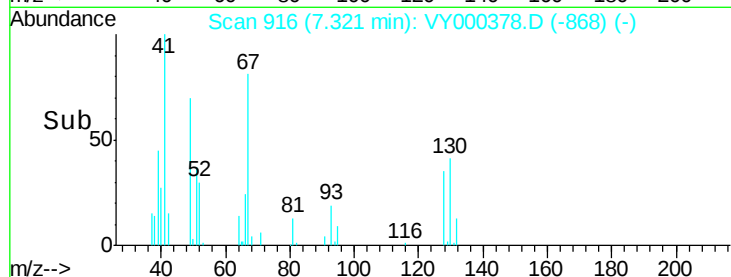
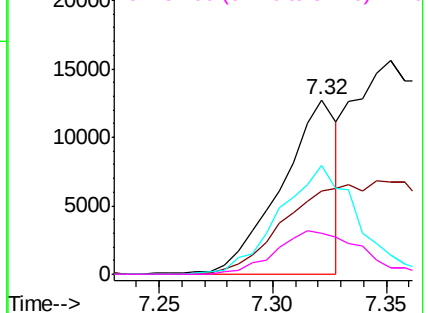


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 22.146 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000378.D

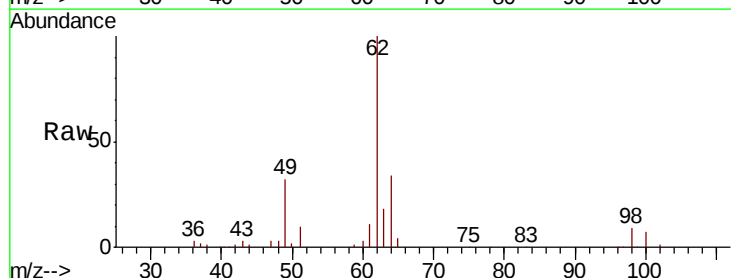
Acq: 23 Oct 2019 14:06

Tgt Ion: 62 Resp: 68697

Ion Ratio Lower Upper

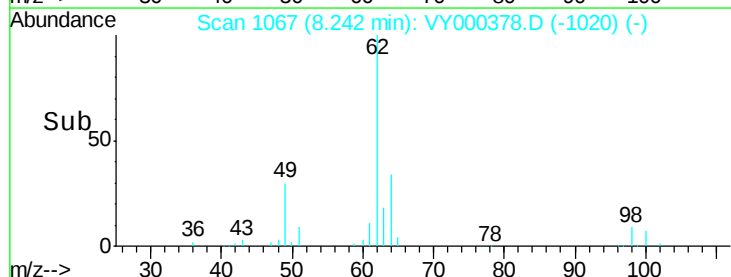
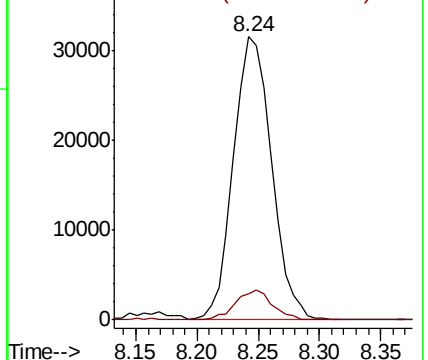
62 100

98 10.2 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.473 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

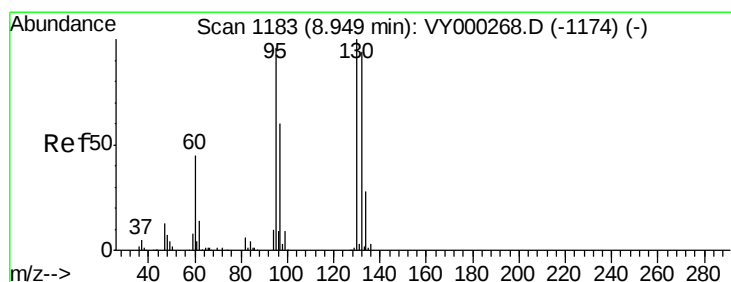
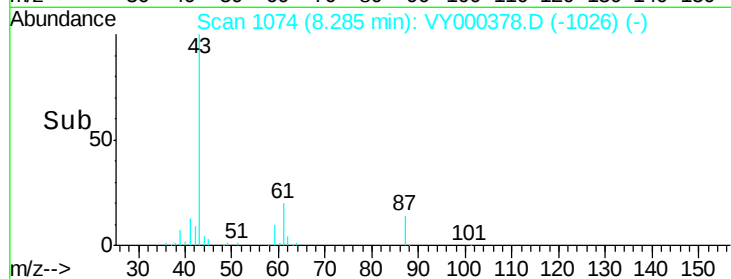
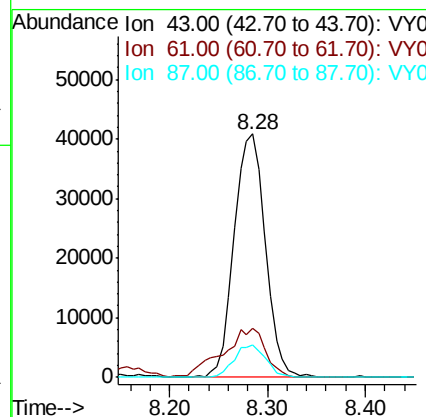
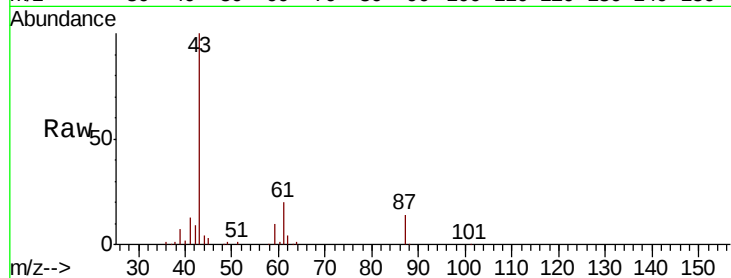
ClientSampleId :

VY1023SBS01

Tot Ion:	43	Resp:	90846
Ion	Ratio	Lower	Upper
43	100		
61	27.4	22.3	33.5
87	13.3	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 20.940 ug/l

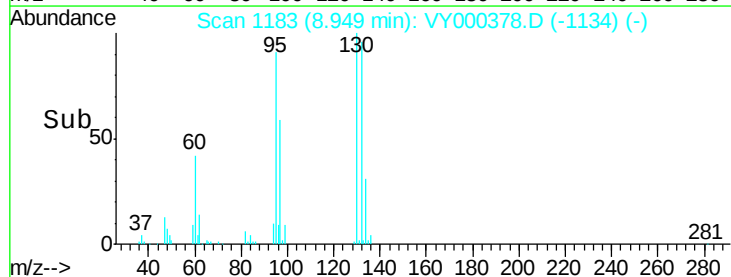
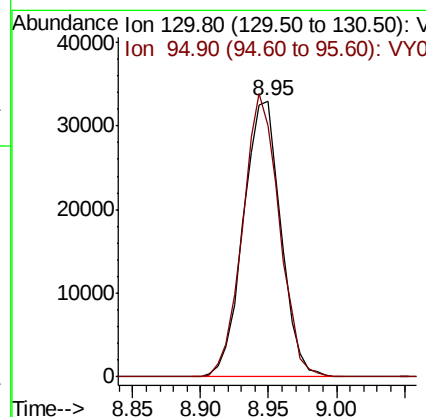
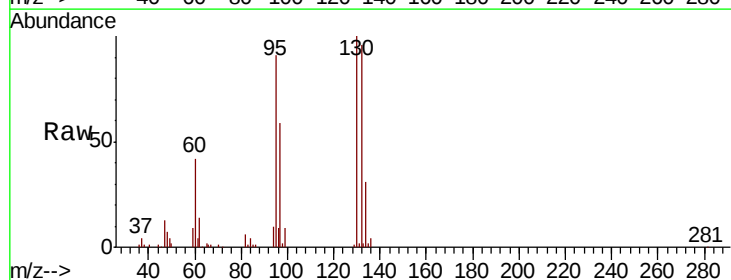
RT: 8.95 min Scan# 1183

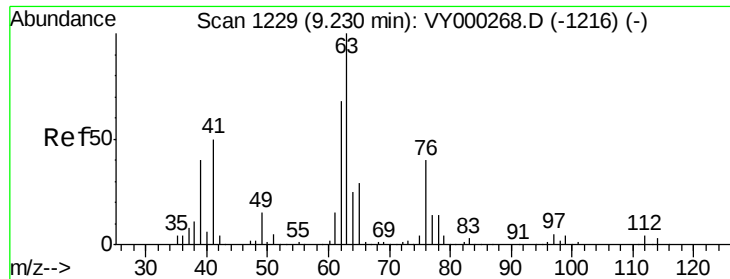
Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	130	Resp:	63804
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	191.4





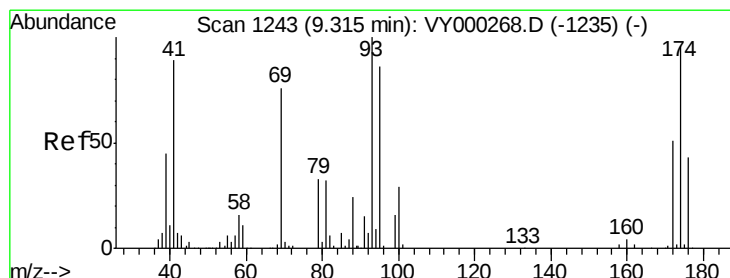
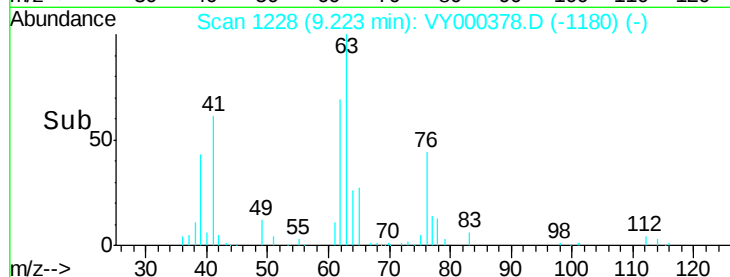
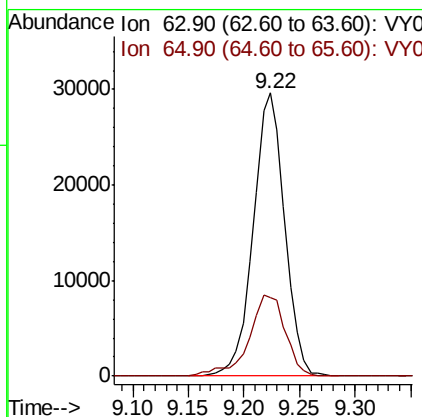
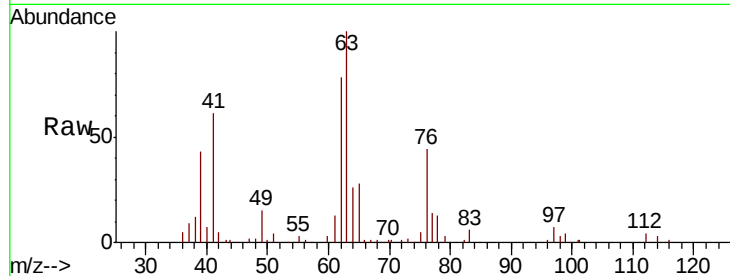
#45
 1,2-Dichloropropane
 Concen: 21.868 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion: 63 Resp: 58276
 Ion Ratio Lower Upper
 63 100
 65 27.8 23.2 34.8

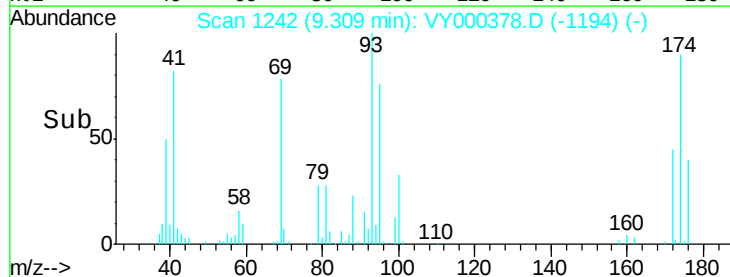
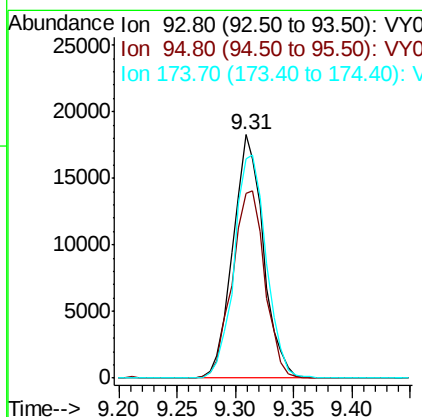
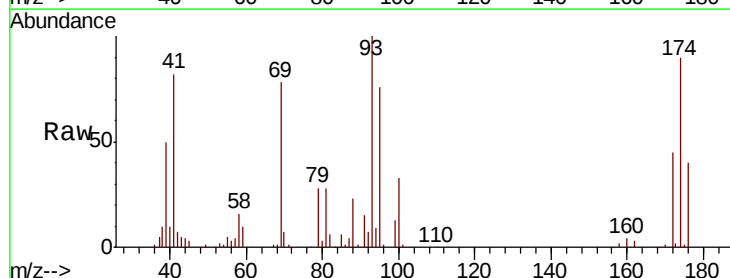
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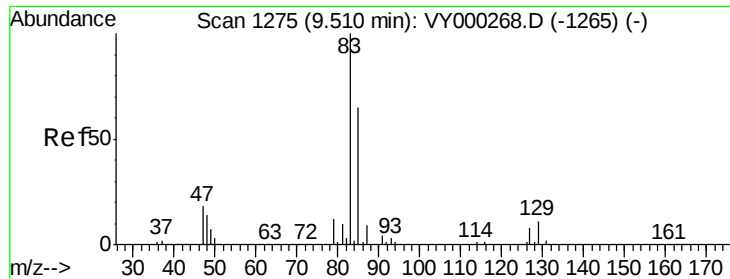
MMDadoda
 10/24/2019 4:29:52 PM



#46
 Dibromomethane
 Concen: 22.405 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion: 93 Resp: 33378
 Ion Ratio Lower Upper
 93 100
 95 81.9 68.2 102.2
 174 96.2 79.8 119.6





#47

Bromodichloromethane

Concen: 21.818 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

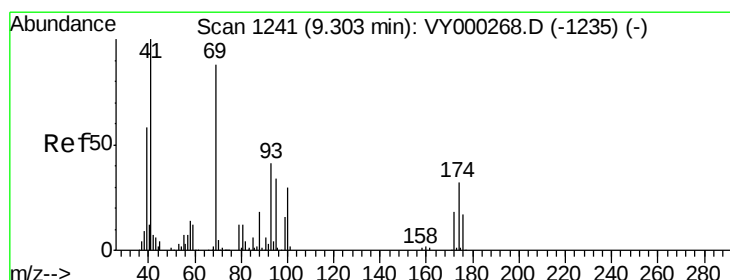
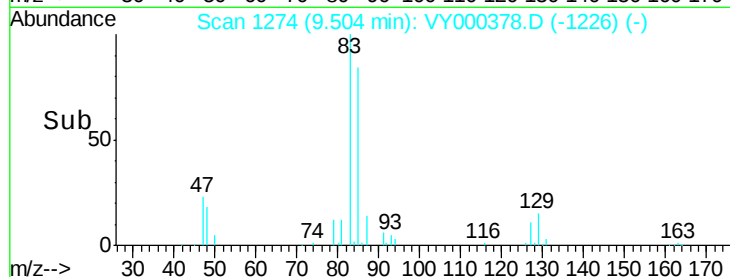
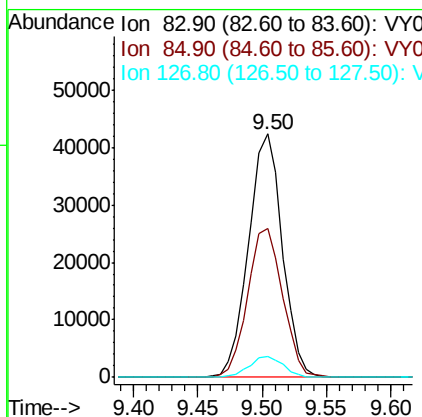
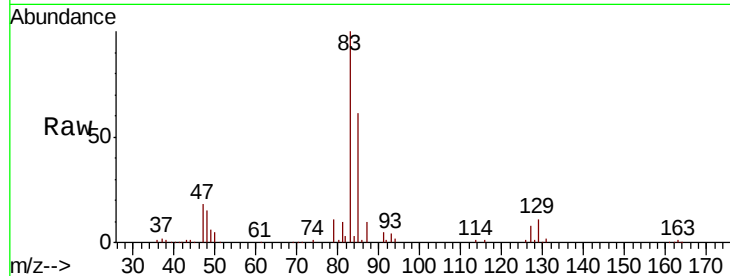
ClientSampleId :

VY1023SBS01

Tot Ion:	83	Resp:	76599
Ion Ratio	Lower	Upper	
83	100		
85	61.2	52.2	78.2
127	8.4	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.744 ug/l

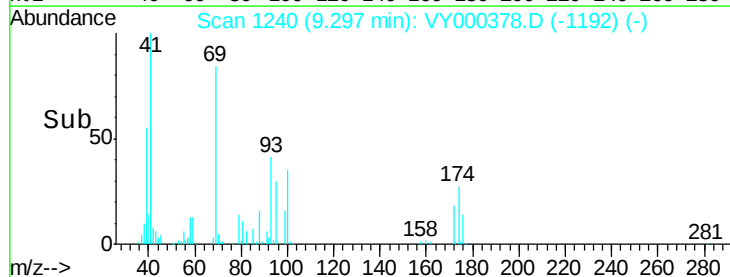
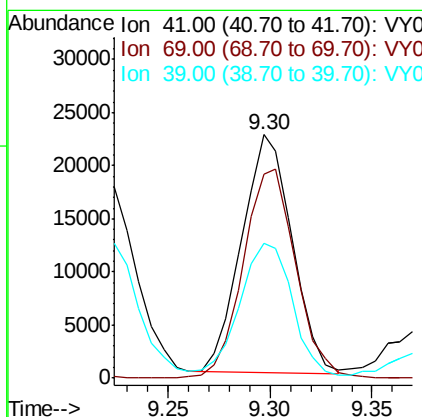
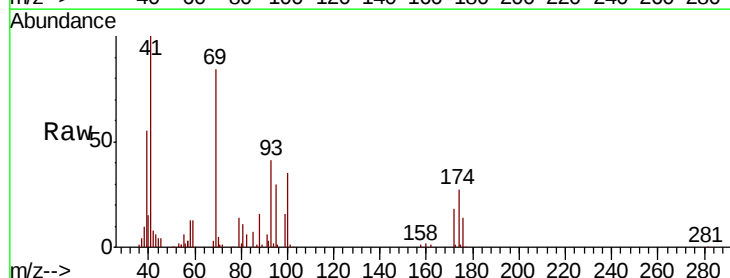
RT: 9.30 min Scan# 1240

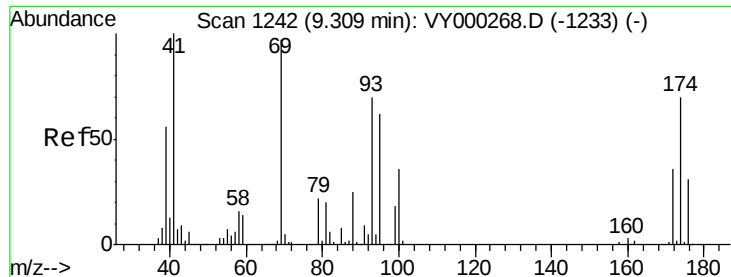
Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	41	Resp:	38461
Ion Ratio	Lower	Upper	
41	100		
69	91.8	70.0	105.0
39	60.3	47.7	71.5





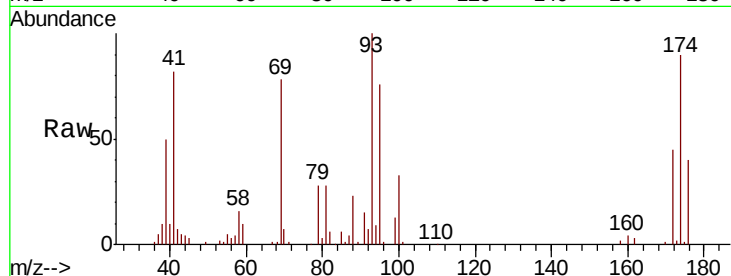
#49
1,4-Dioxane
Concen: 395.041 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.6	38.4
58	74.4	54.6	81.8

Manual Integrations
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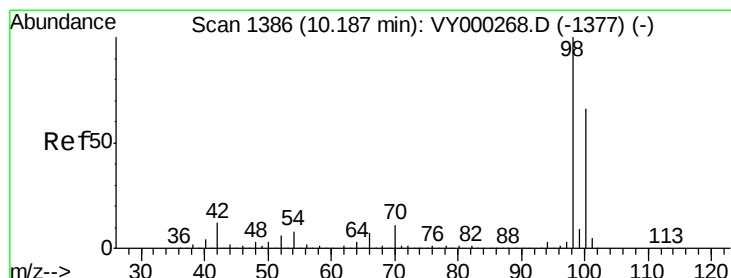
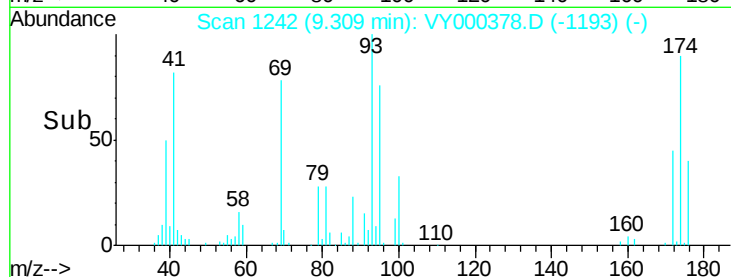
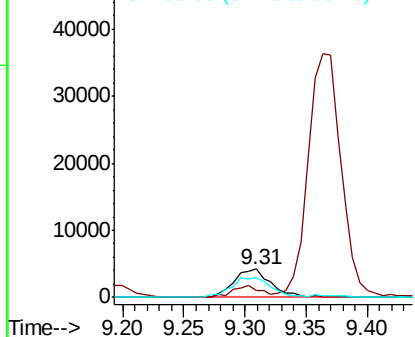


Abundance

Ion 88.00 (87.70 to 88.70): VY0

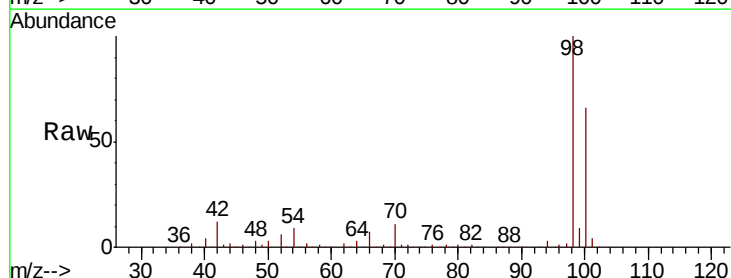
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

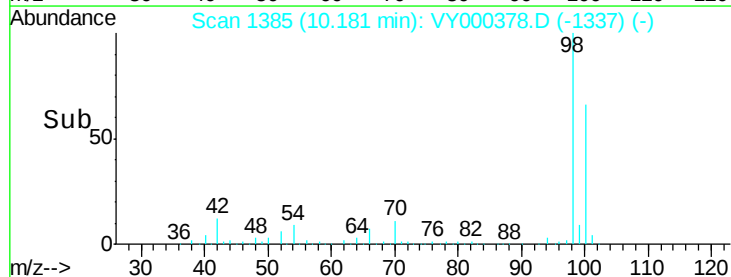
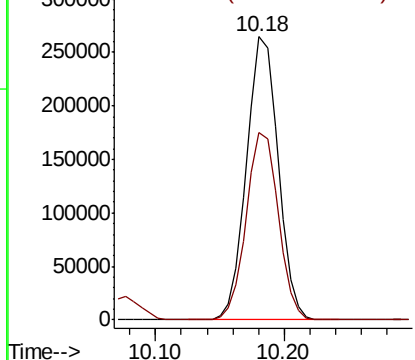
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.8	79.2

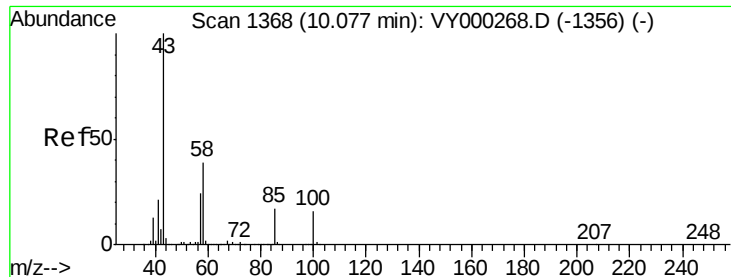


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





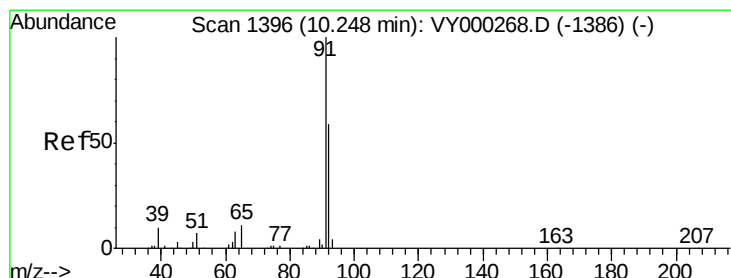
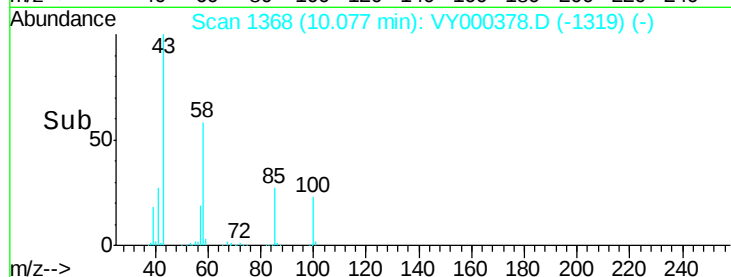
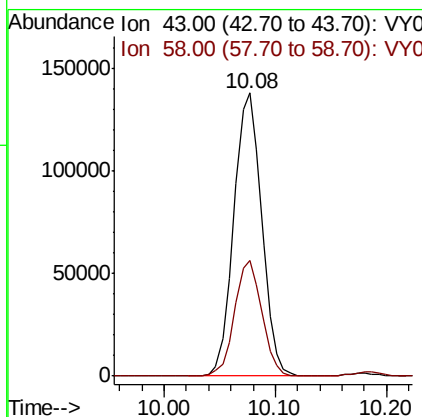
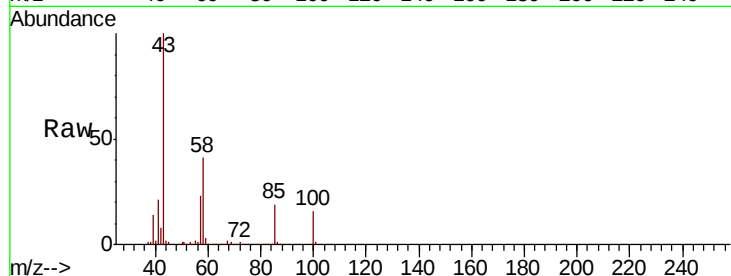
#51
4-Methyl-2-Pentanone
Concen: 109.973 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.0	46.6

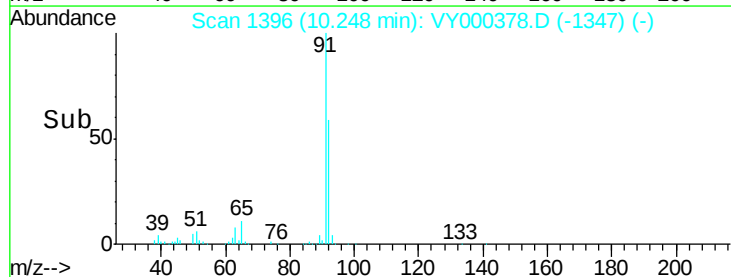
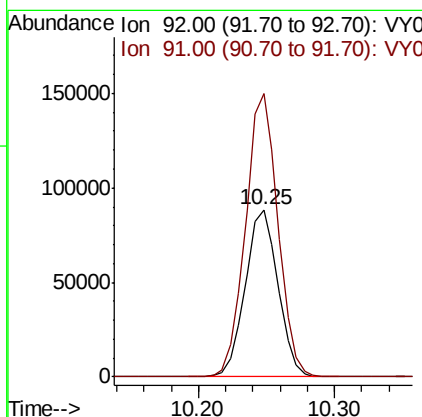
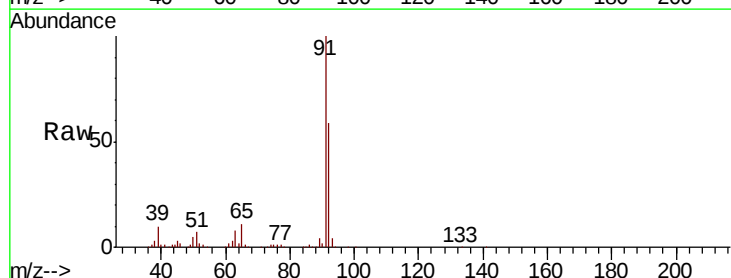
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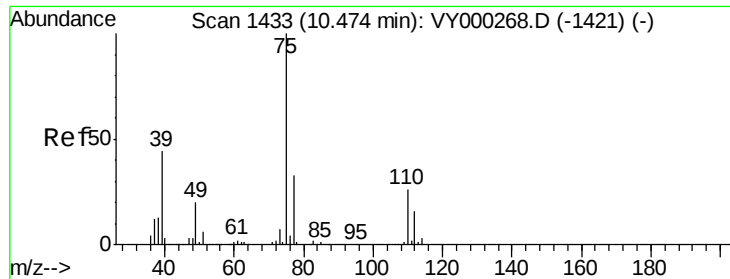
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#52
Toluene
Concen: 21.712 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.6	136.6	205.0





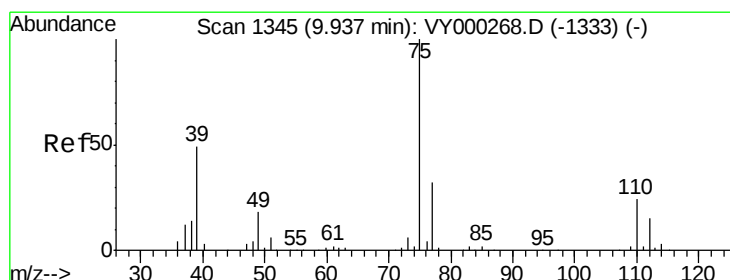
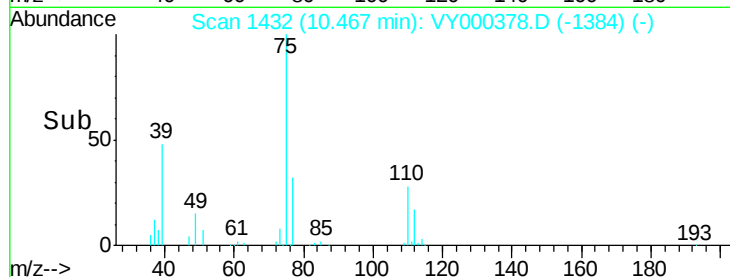
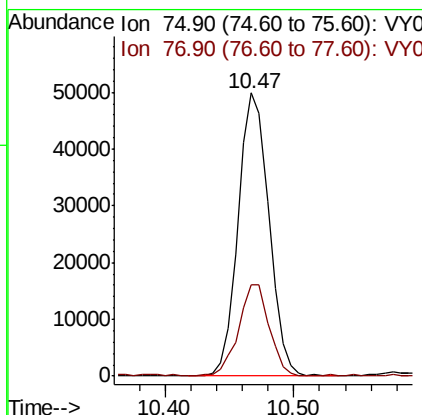
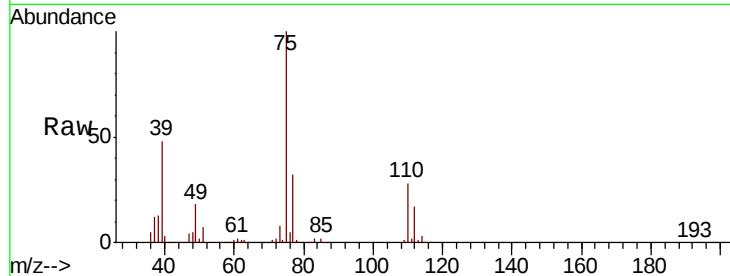
#53
t-1,3-Dichloropropene
Concen: 21.884 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.0	39.0

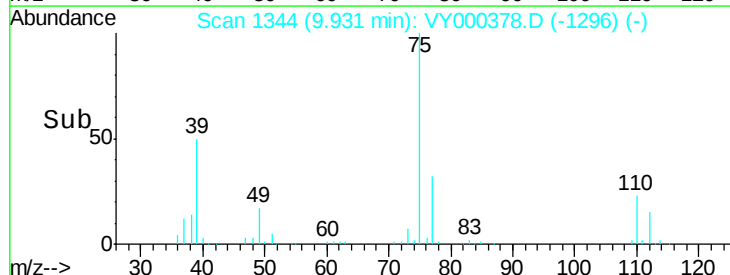
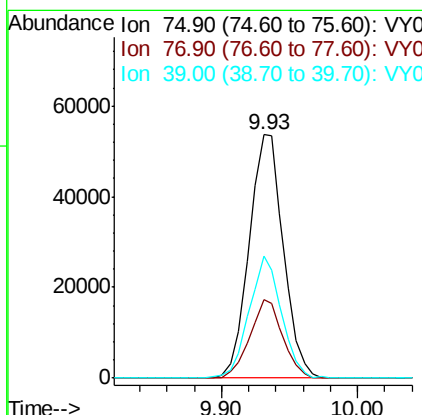
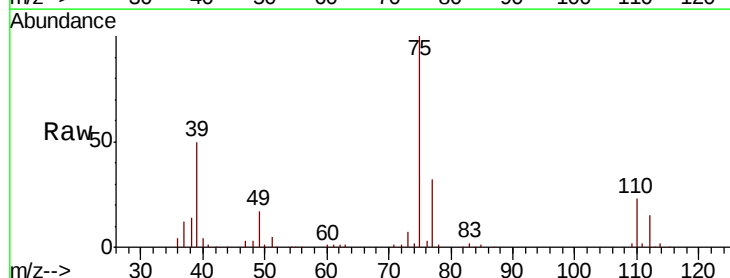
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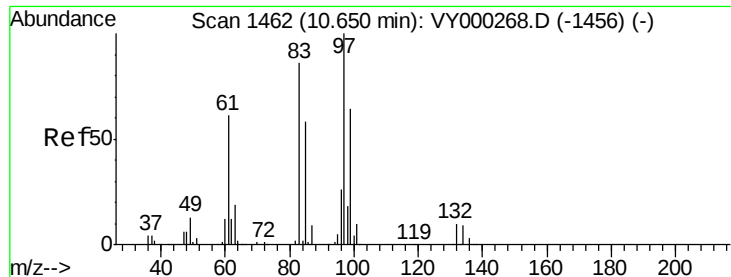
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#54
cis-1,3-Dichloropropene
Concen: 22.082 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.0	39.0
39	50.0	38.8	58.2





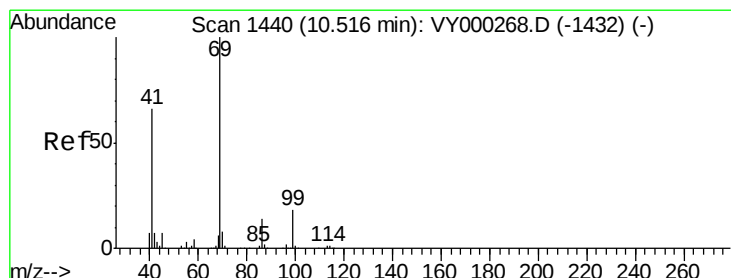
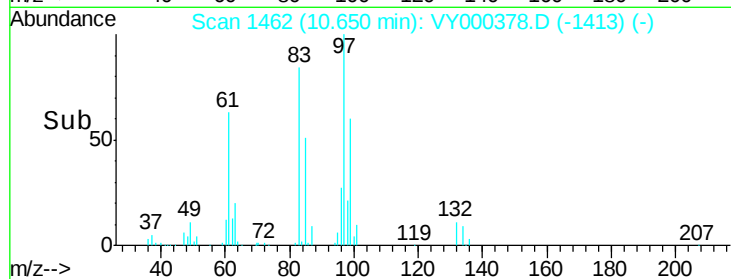
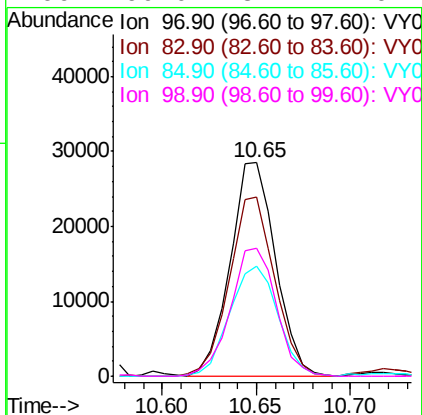
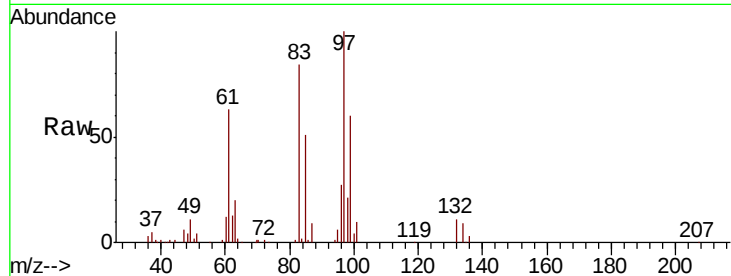
#55
 1,1,2-Trichloroethane
 Concen: 21.838 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion:	97	Resp:	47302
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.0	103.6
85	51.4	46.2	69.4
99	60.0	51.1	76.7

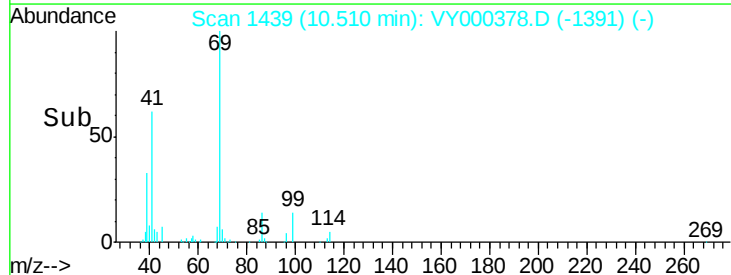
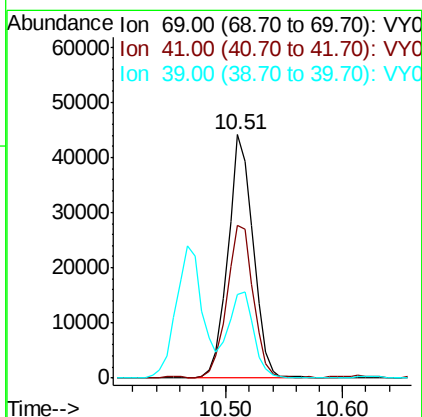
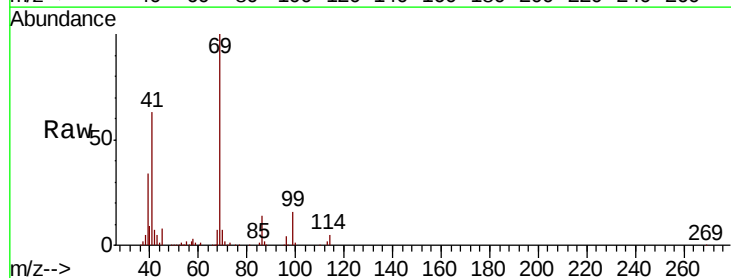
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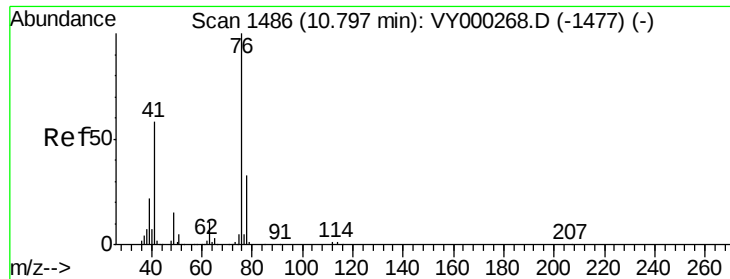
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#56
 Ethyl methacrylate
 Concen: 21.502 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion:	69	Resp:	66386
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.5	78.7
39	36.1	26.7	40.1





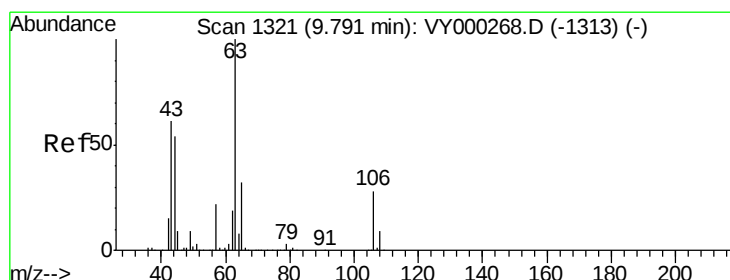
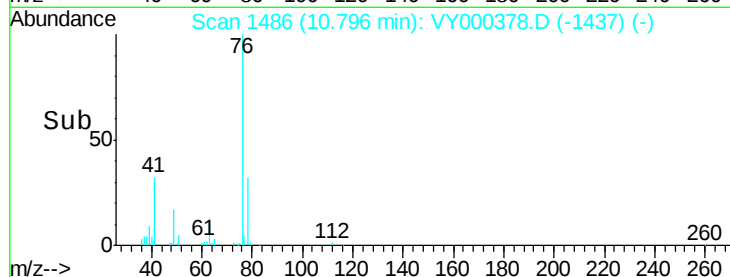
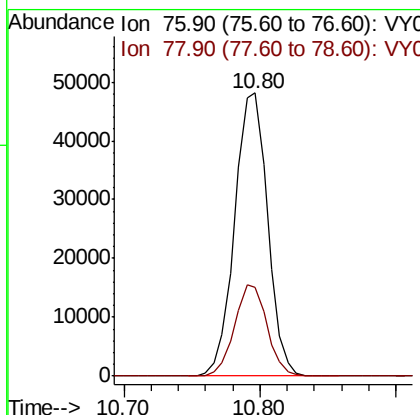
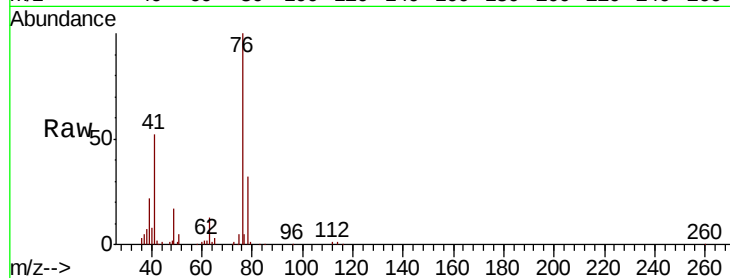
#57
 1,3-Dichloropropane
 Concen: 21.835 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

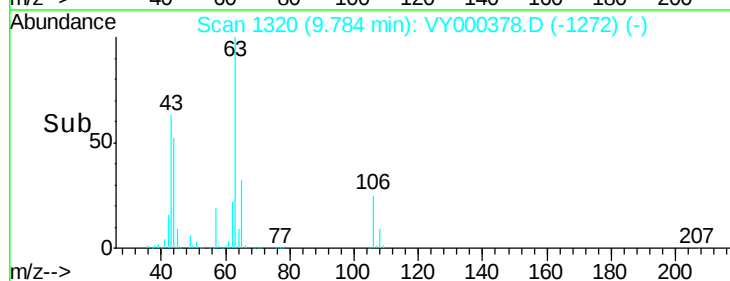
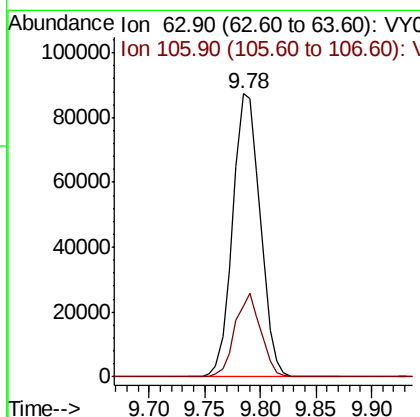
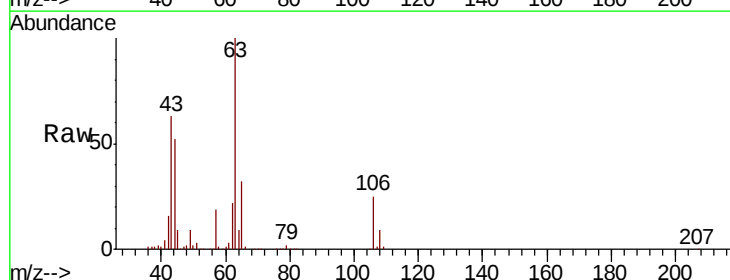
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 121.570 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	23.0	34.4





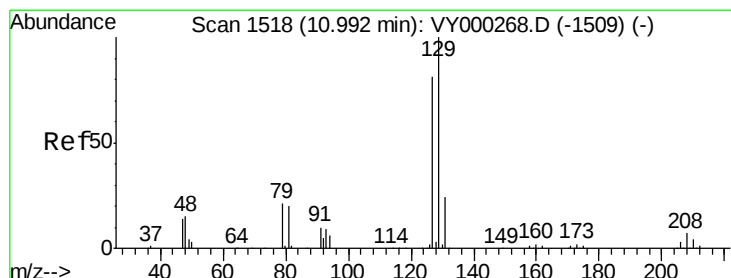
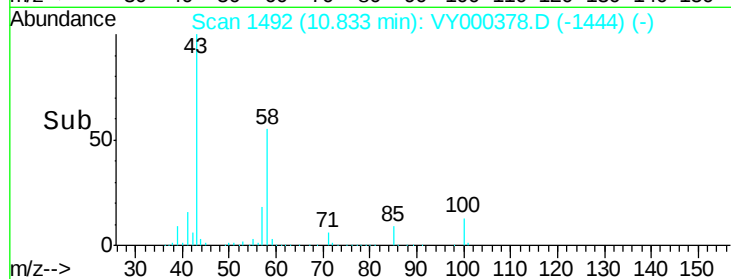
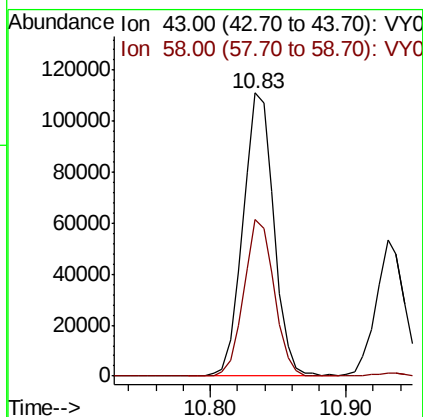
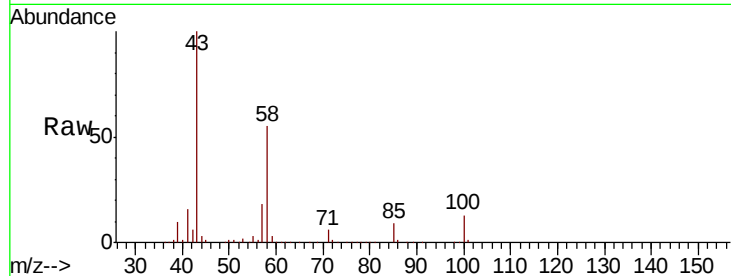
#59
2-Hexanone
Concen: 114.851 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion: 43 Resp: 175910
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1

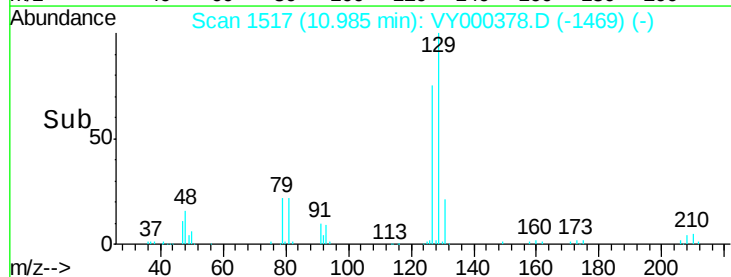
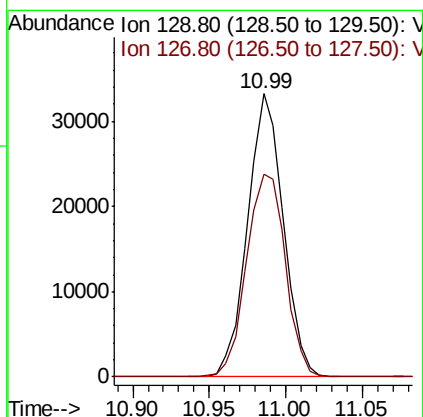
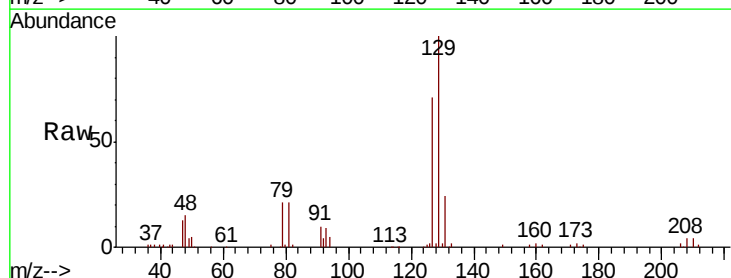
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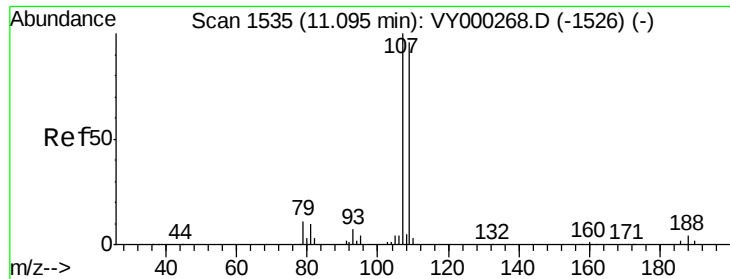
MMDadoda
10/24/2019 4:29:52 PM



#60
Dibromochloromethane
Concen: 22.423 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion: 129 Resp: 53834
Ion Ratio Lower Upper
129 100
127 78.1 39.9 119.7





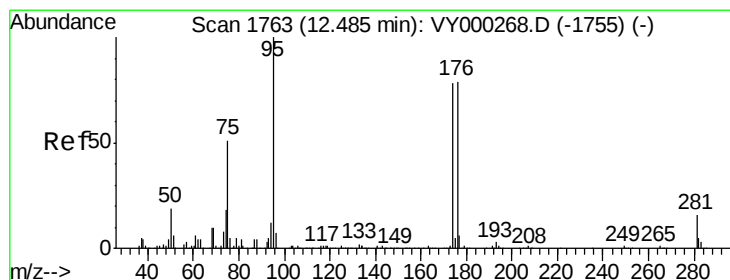
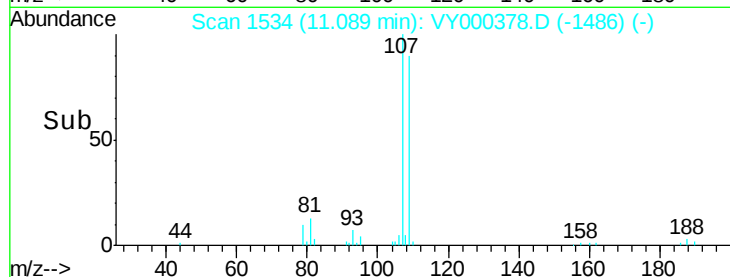
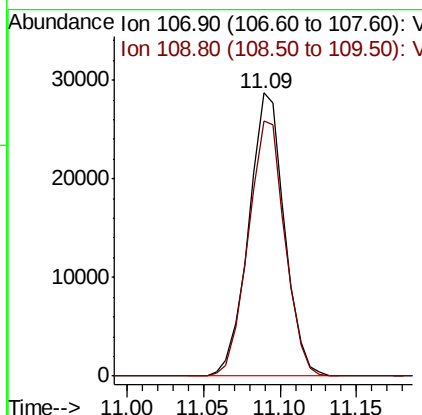
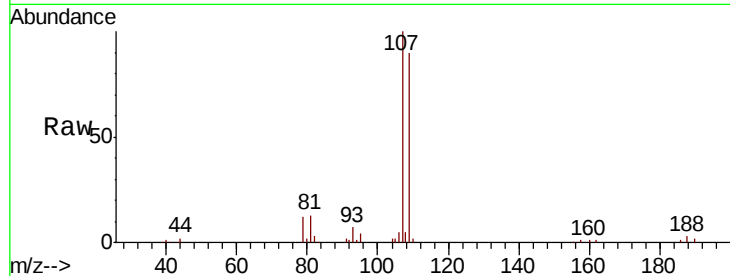
#61
 1,2-Dibromoethane
 Concen: 22.377 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.1	112.7

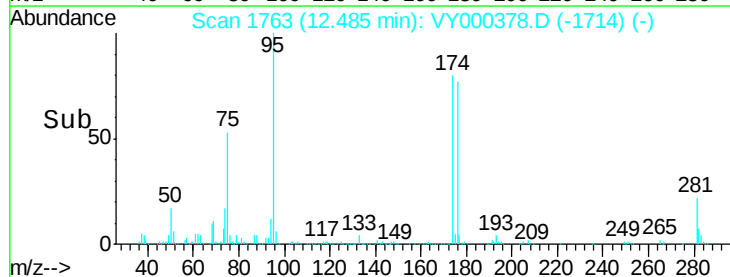
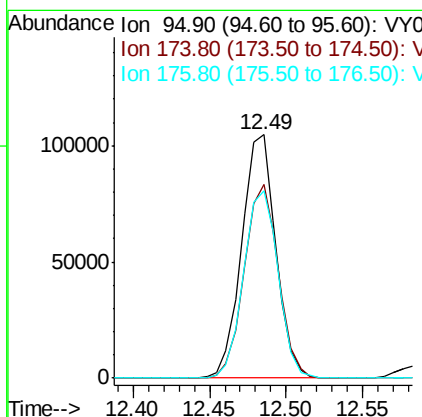
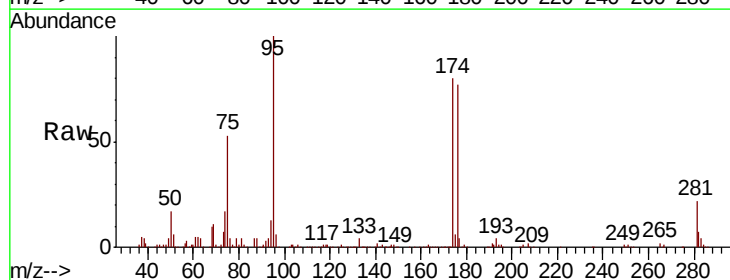
Manual Integrations
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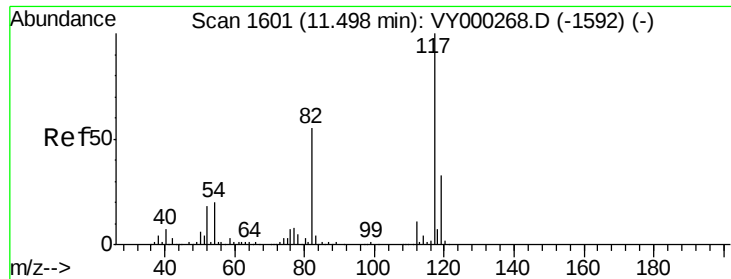
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#62
 4-Bromofluorobenzene
 Concen: 47.867 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	159.6
176	78.1	0.0	153.8





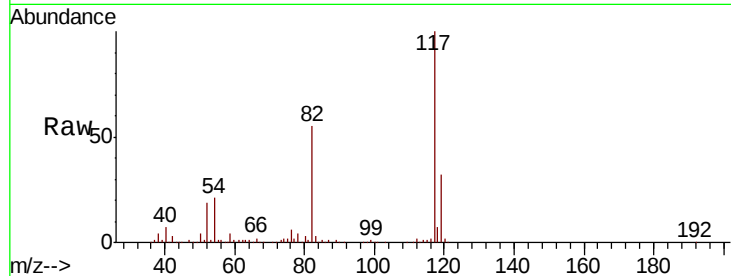
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.7	65.5
119	31.8	26.6	39.8

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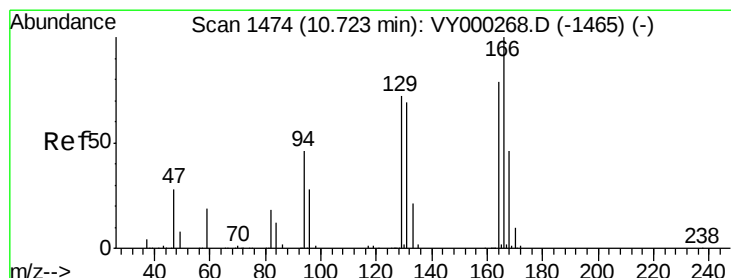
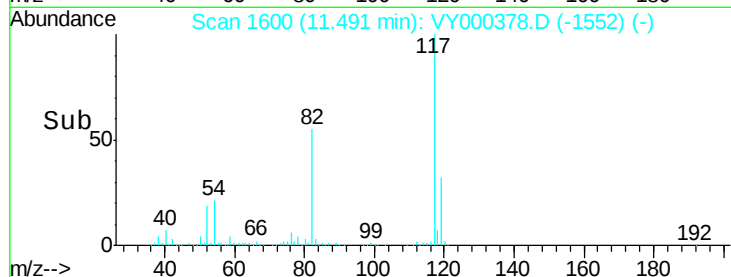
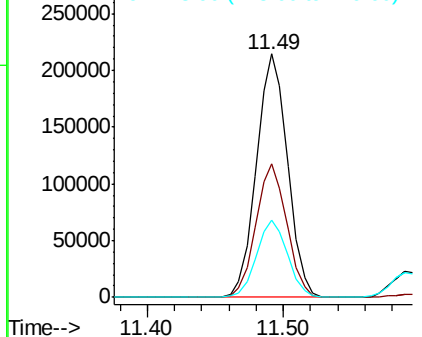


Abundance

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: 21.295 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.1	100.6	151.0
129	87.9	72.8	109.2
131	84.4	69.4	104.2

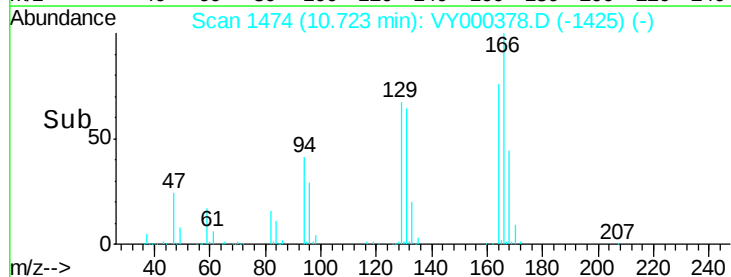
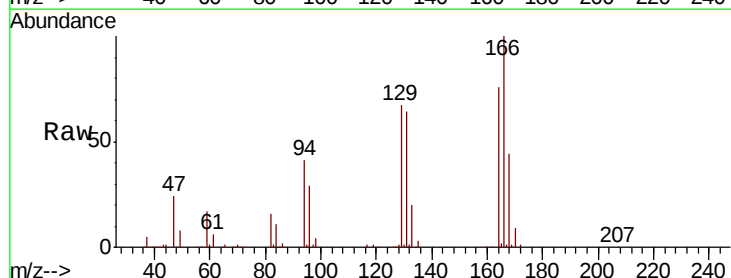
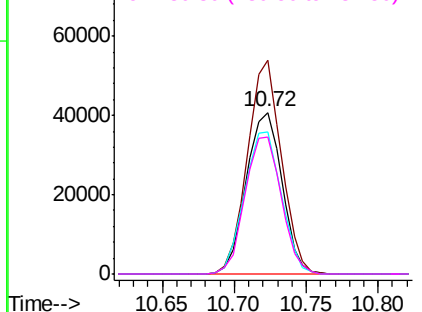
Abundance

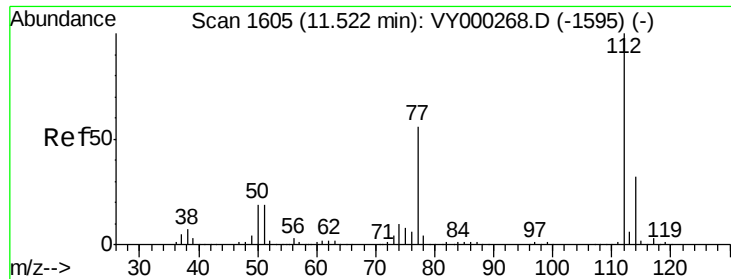
Ion 163.80 (163.50 to 164.50): V

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





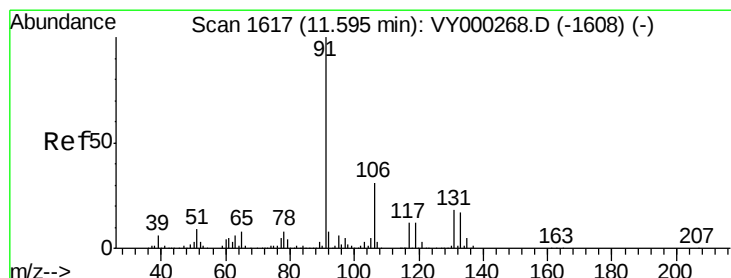
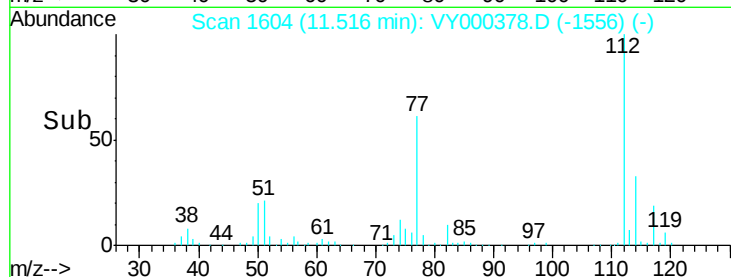
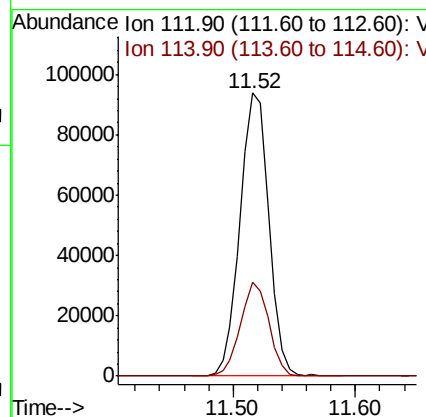
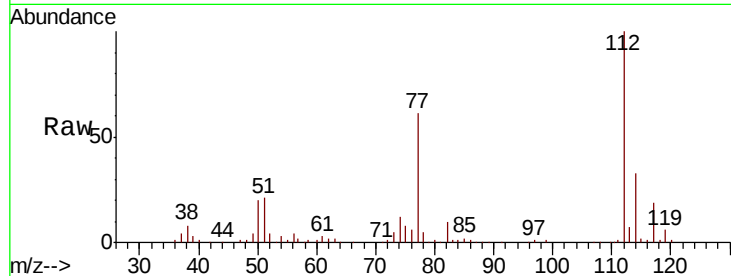
#65
Chlorobenzene
Concen: 21.060 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion:112 Resp: 152990
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

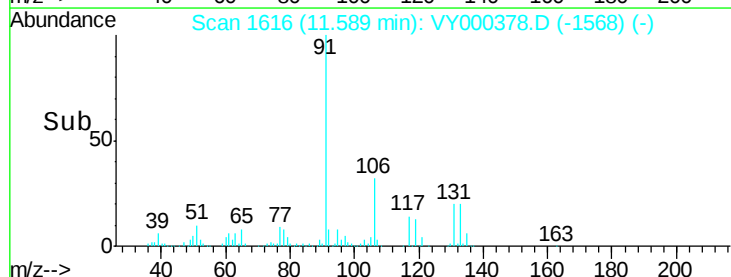
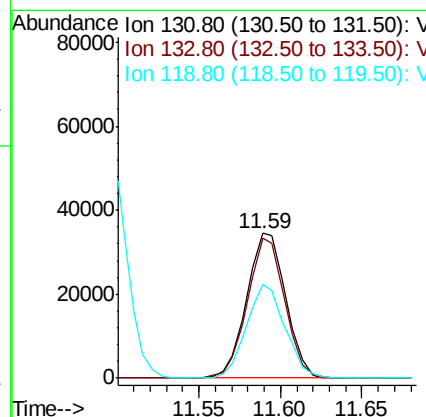
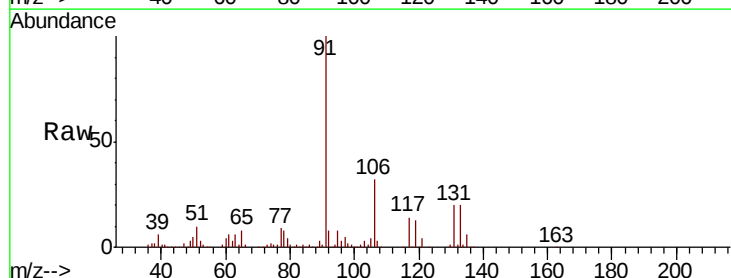
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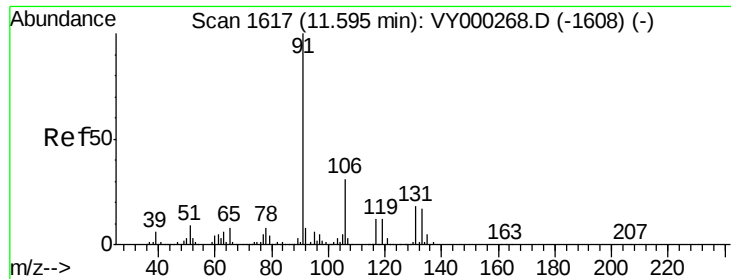
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.444 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion:131 Resp: 57274
Ion Ratio Lower Upper
131 100
133 93.0 47.2 141.6
119 64.0 32.6 98.0





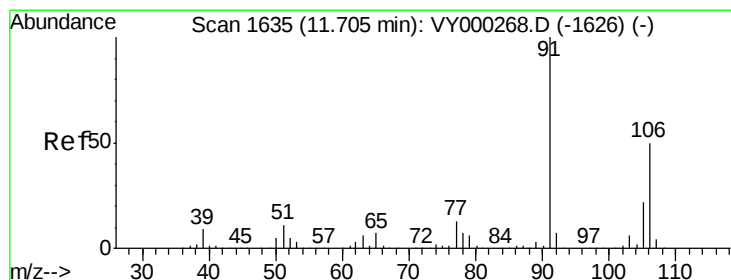
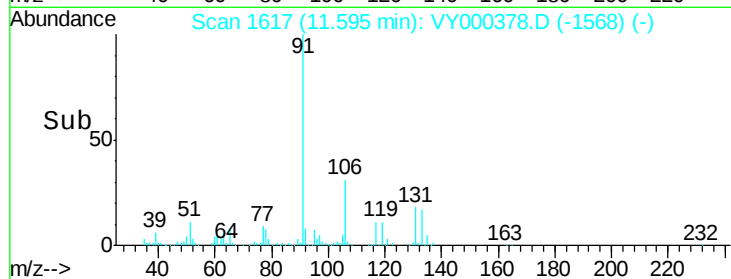
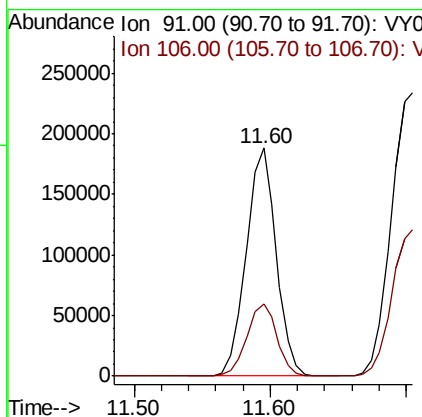
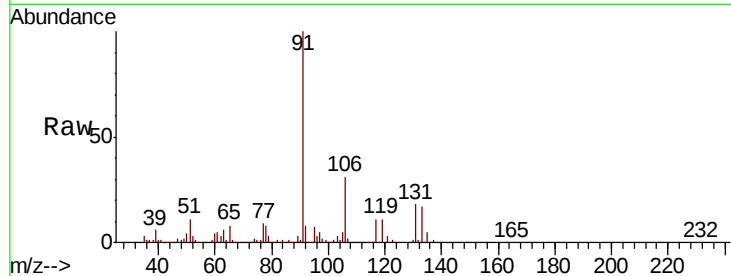
#67
Ethyl Benzene
Concen: 21.517 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion: 91 Resp: 289767
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

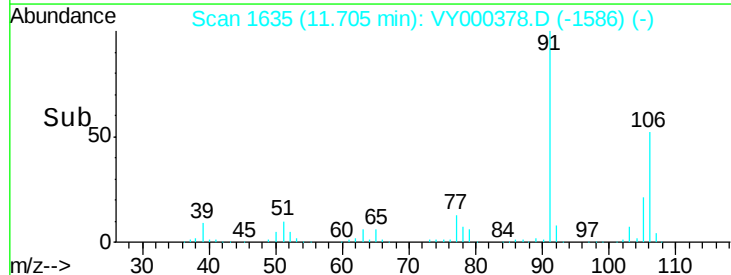
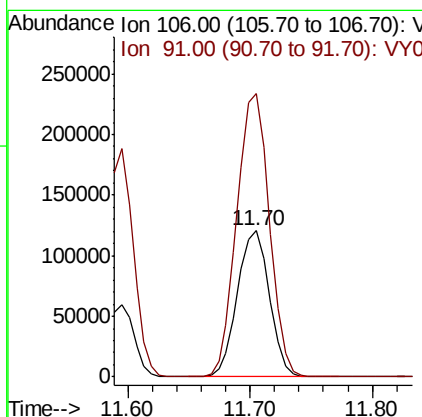
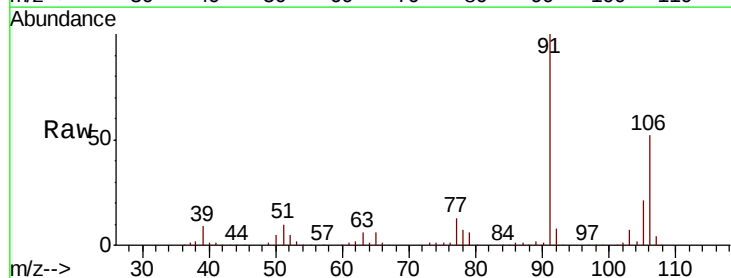
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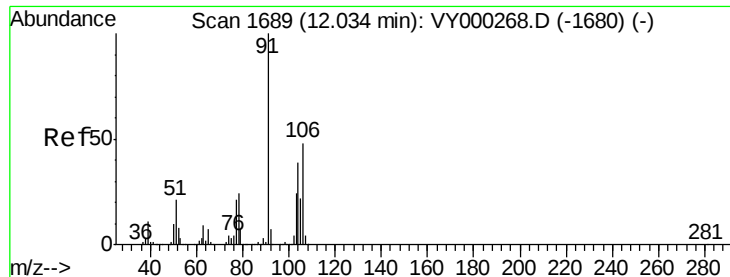
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#68
m/p-Xylenes
Concen: 42.544 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion: 106 Resp: 219021
Ion Ratio Lower Upper
106 100
91 197.5 157.5 236.3





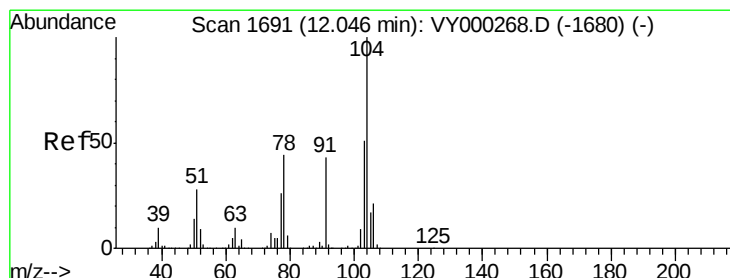
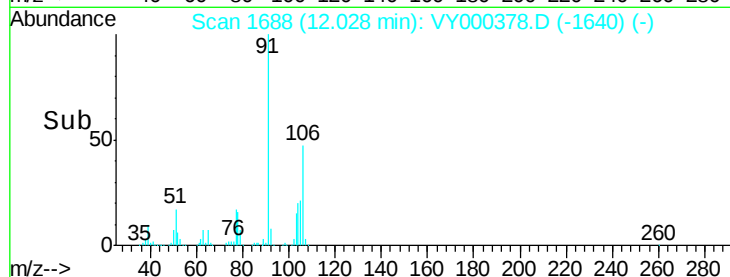
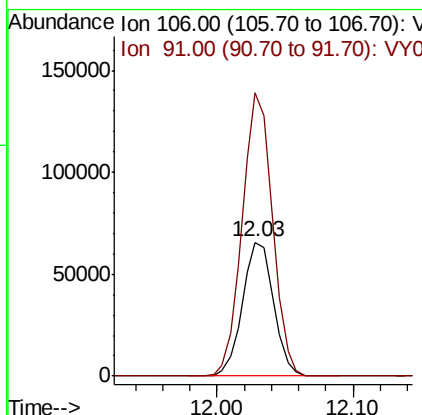
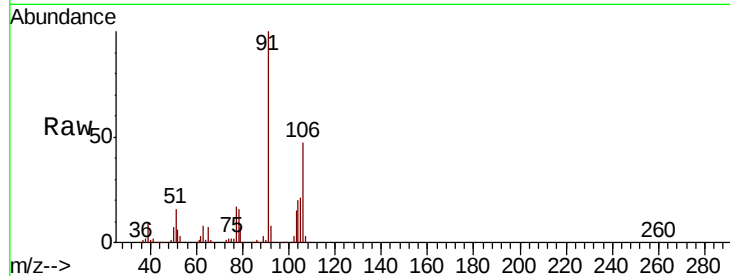
#69
o-Xylene
Concen: 21.523 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion:106 Resp: 105704
Ion Ratio Lower Upper
106 100
91 205.1 104.7 313.9

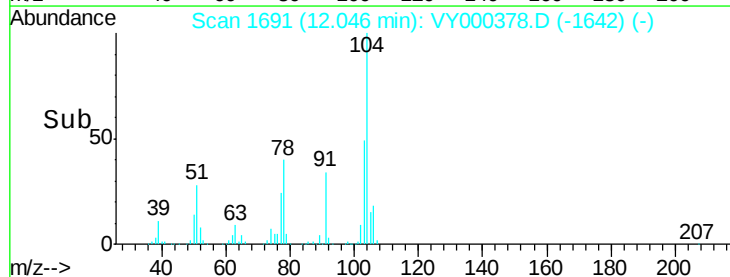
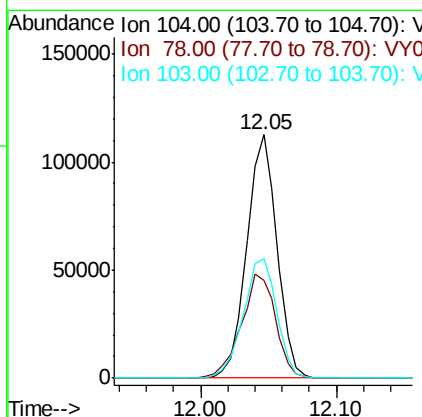
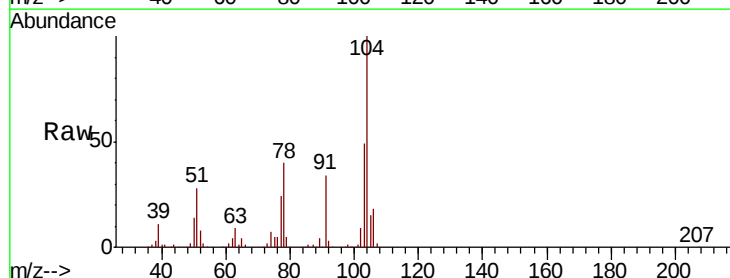
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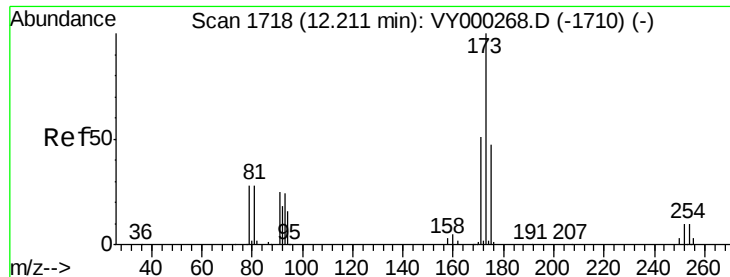
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#70
Styrene
Concen: 21.102 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion:104 Resp: 174778
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 54.6 43.1 64.7





#71

Bromoform

Concen: 22.255 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion:173 Resp: 32648

Ion Ratio Lower Upper

173 100

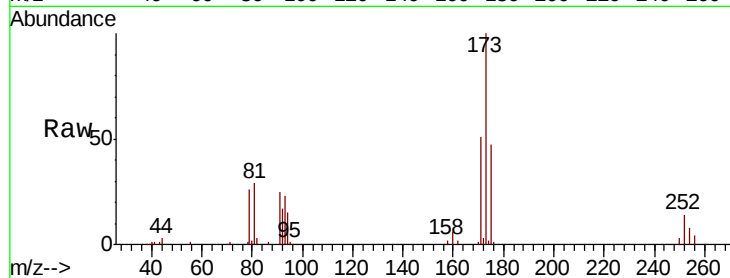
175 49.8 24.6 73.6

254 0.0 0.1 0.1#

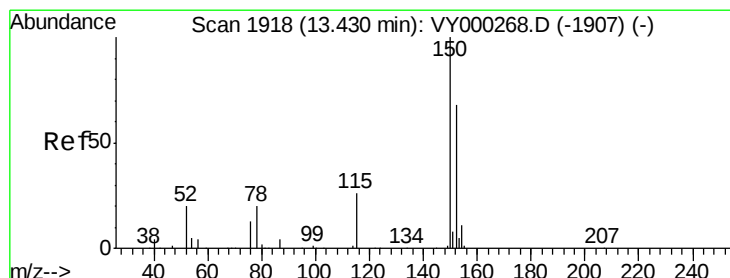
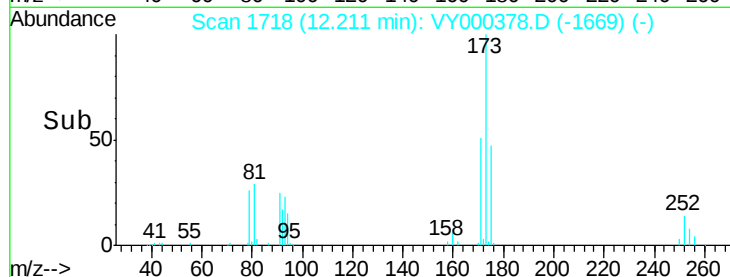
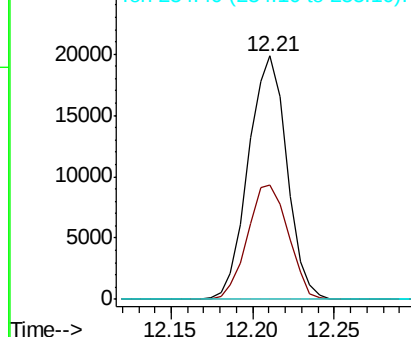
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

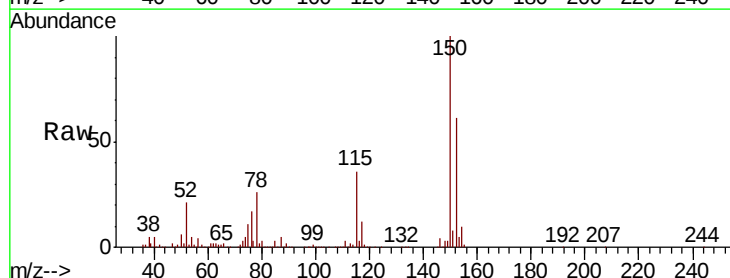
Tgt Ion:152 Resp: 169968

Ion Ratio Lower Upper

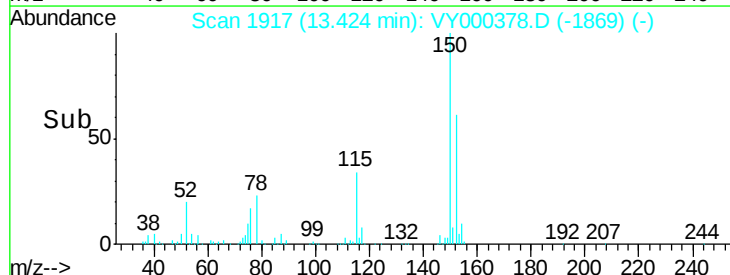
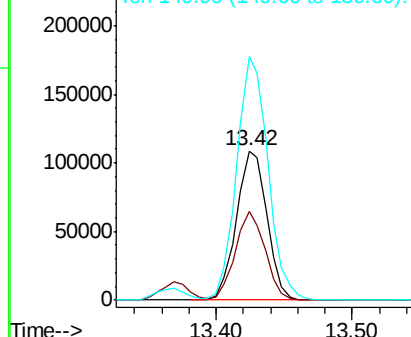
152 100

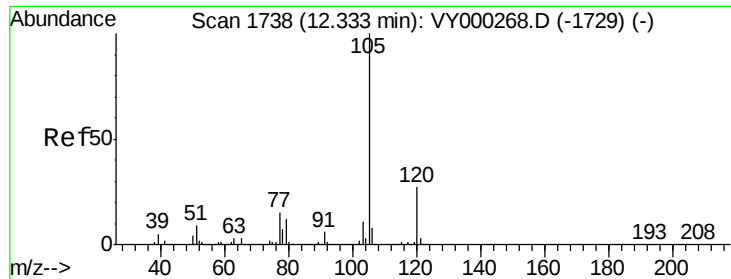
115 57.8 29.3 88.0

150 167.3 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.989 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBS01

Tot Ion:105 Resp: 278173

Ion Ratio Lower Upper

105 100

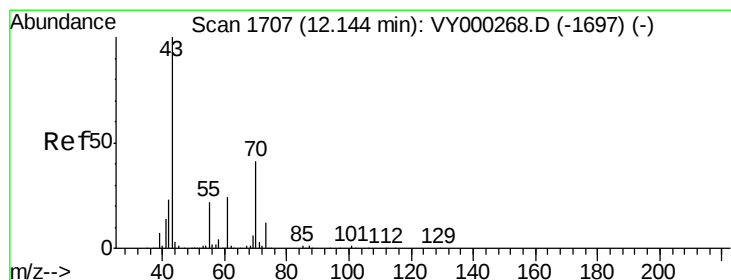
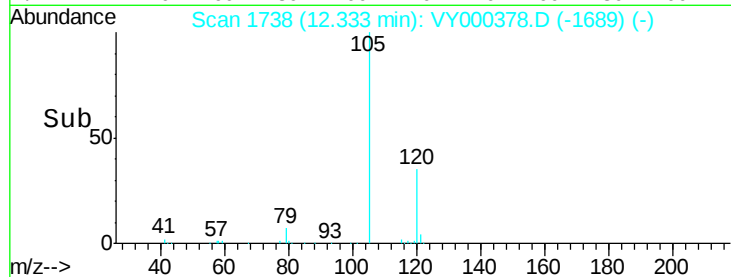
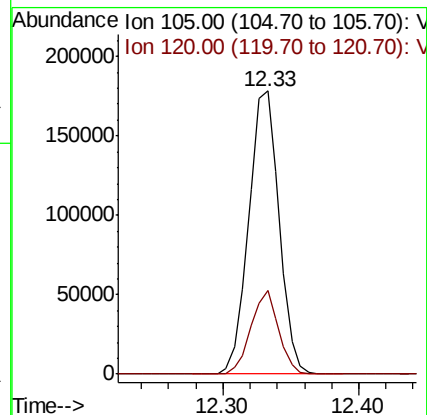
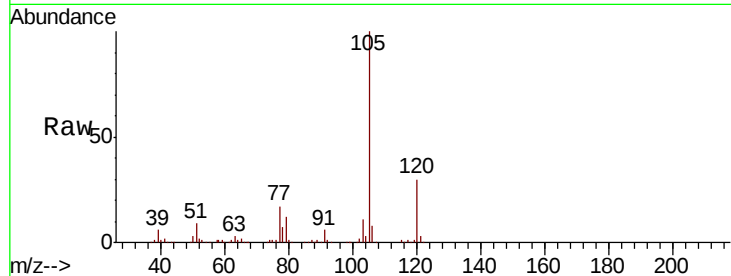
120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 23.846 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion: 43 Resp: 77584

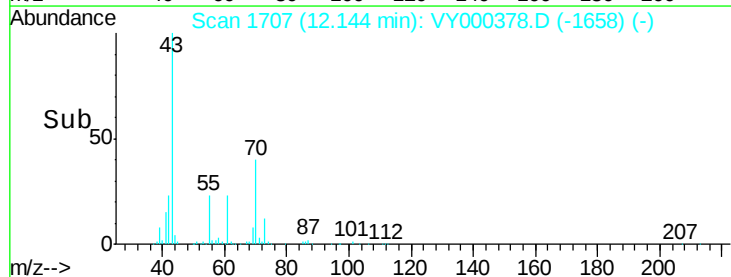
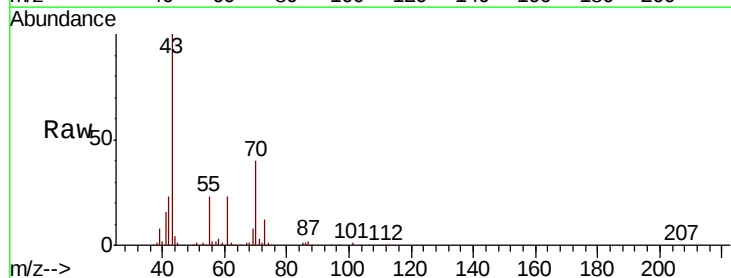
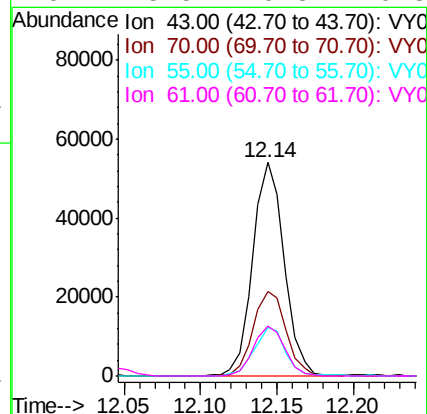
Ion Ratio Lower Upper

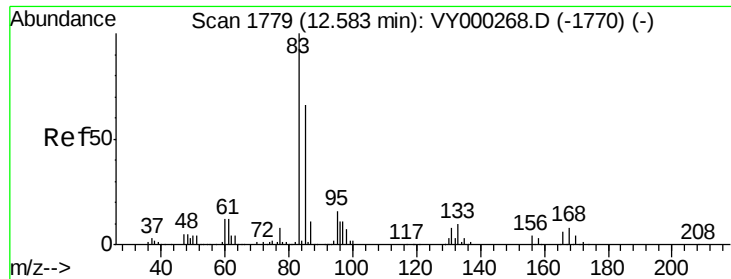
43 100

70 41.9 32.9 49.3

55 22.5 17.8 26.6

61 23.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.169 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

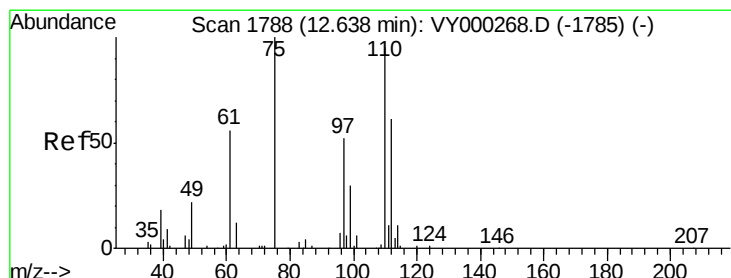
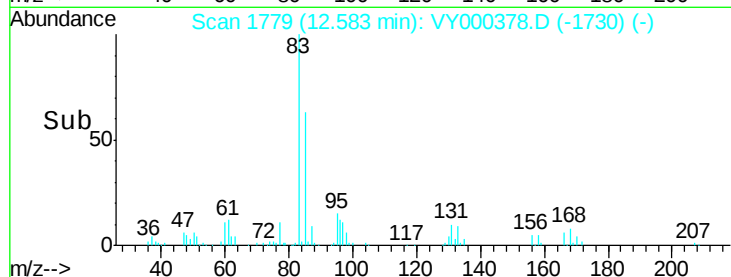
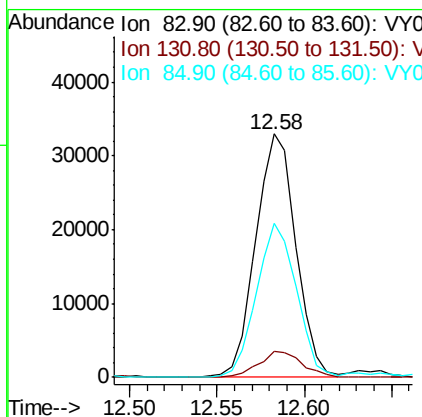
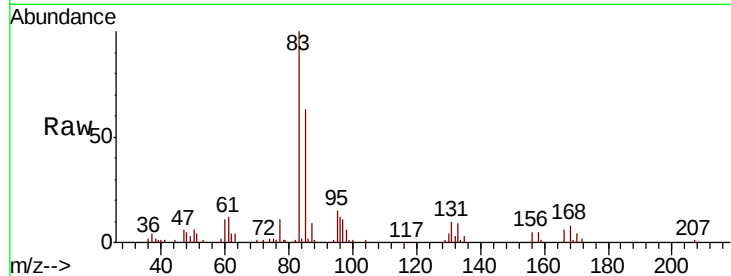
ClientSampleId :

VY1023SBS01

Tot Ion:	83	Resp:	52676
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.3	16.1
85	63.2	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.794 ug/l m

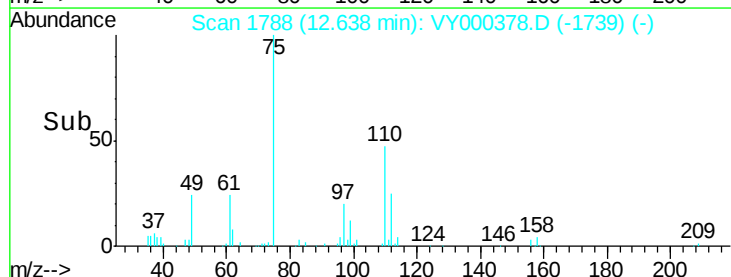
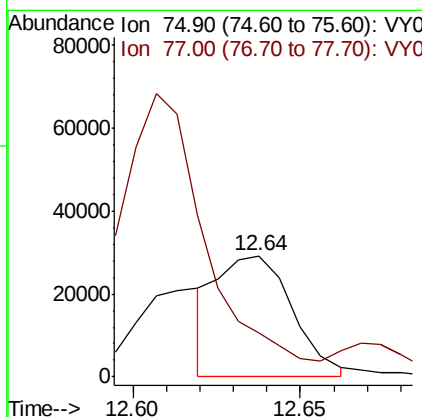
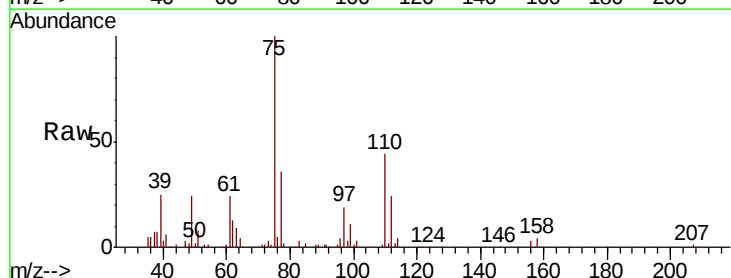
RT: 12.64 min Scan# 1788

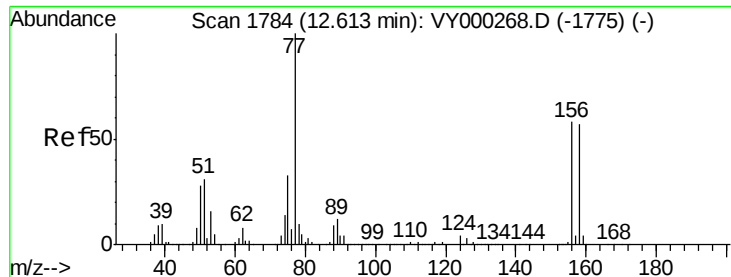
Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	75	Resp:	45550
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.048 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

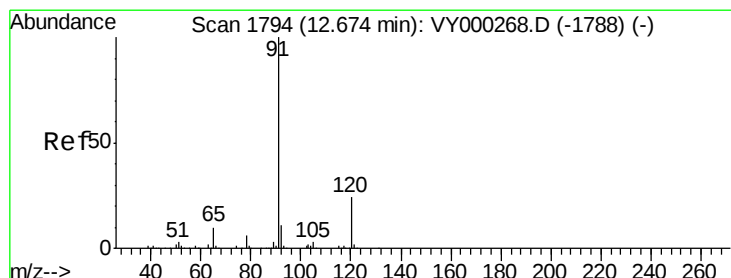
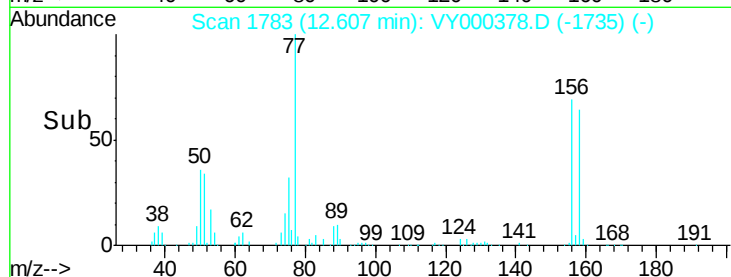
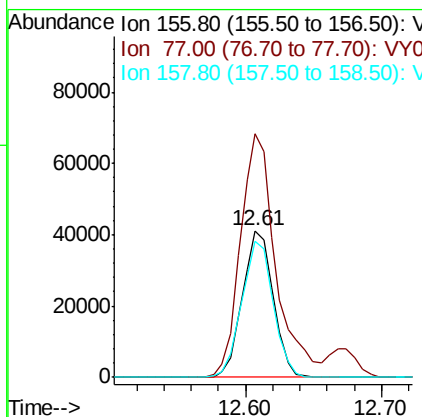
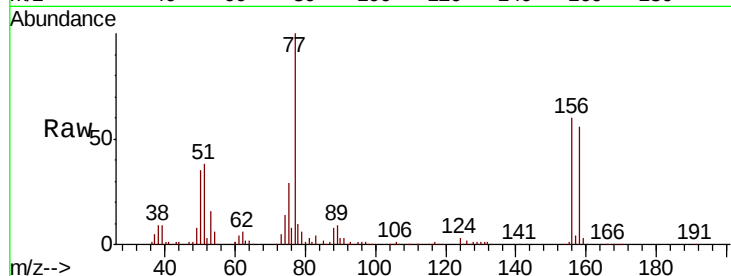
VY1023SBS01

Tot Ion:156 Resp: 65023

Ion	Ratio	Lower	Upper
156	100		
77	190.5	101.0	302.9
158	94.8	49.7	149.1

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#78

n-propylbenzene

Concen: 21.265 ug/l

RT: 12.67 min Scan# 1794

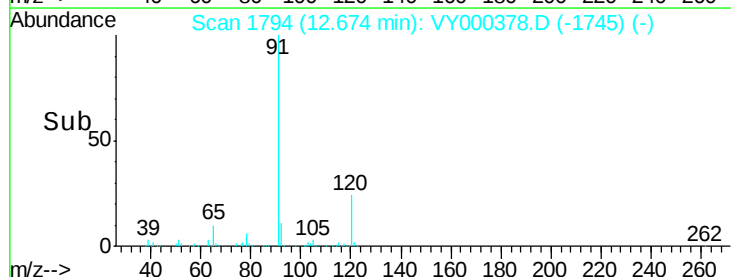
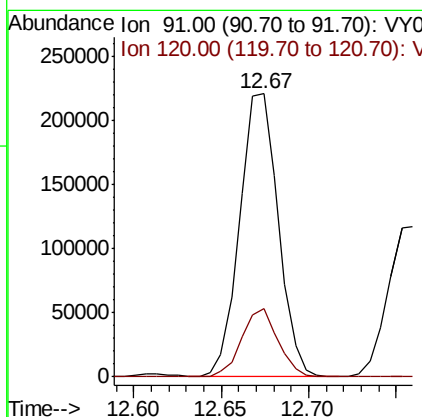
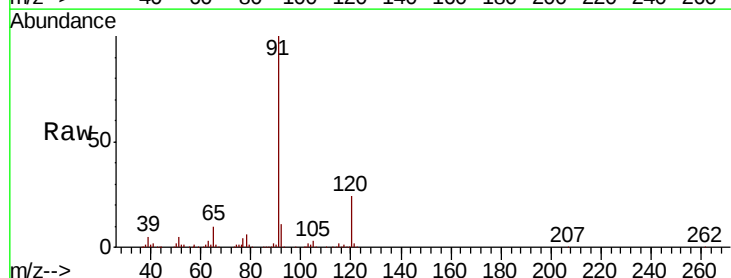
Delta R.T. -0.00 min

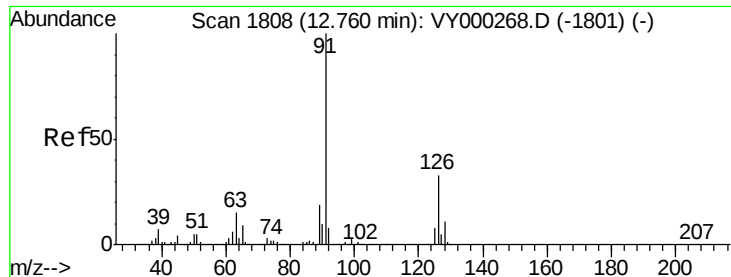
Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion: 91 Resp: 338375

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.5





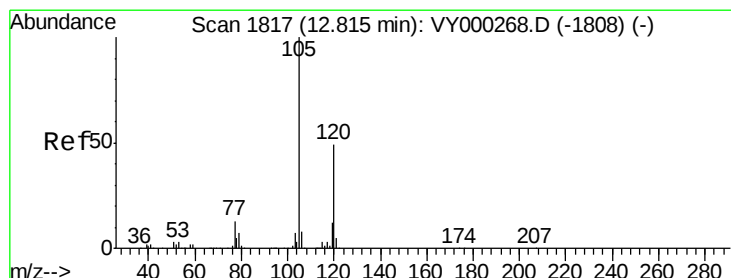
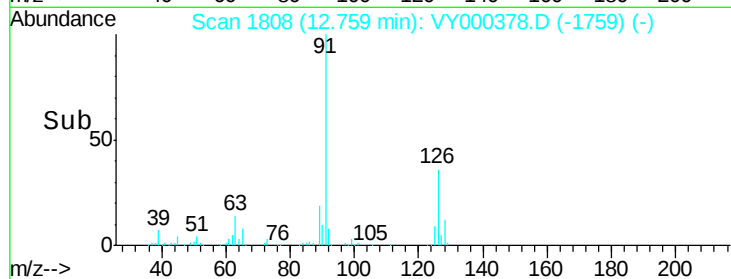
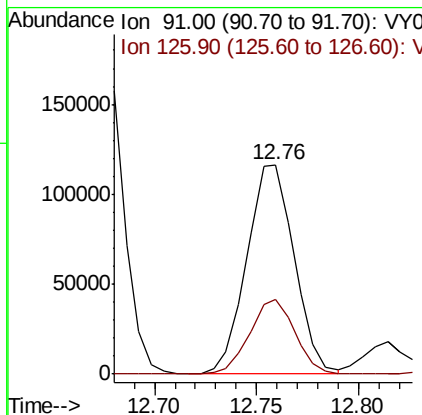
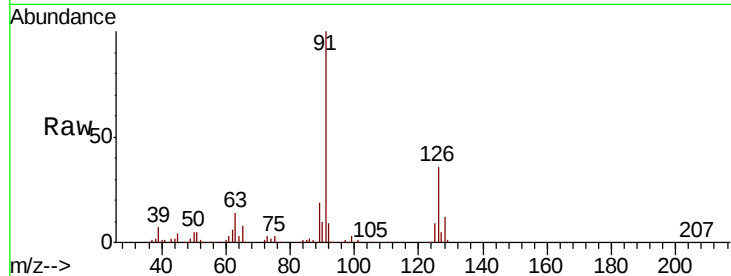
#79
2-Chlorotoluene
Concen: 21.440 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.1	51.3

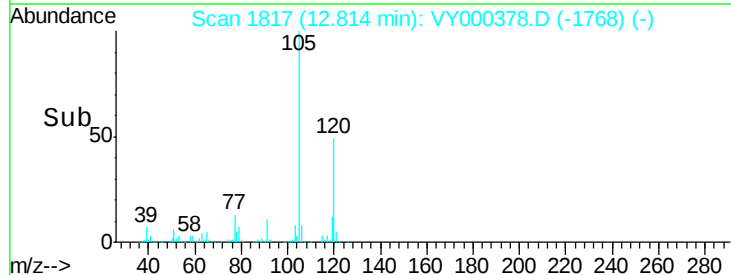
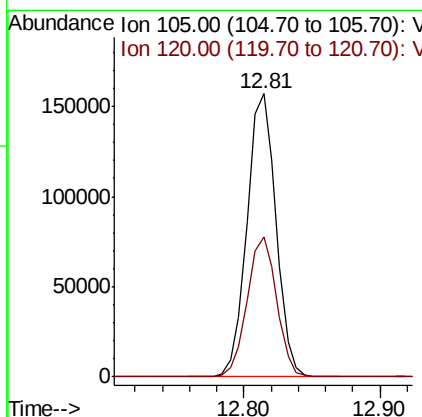
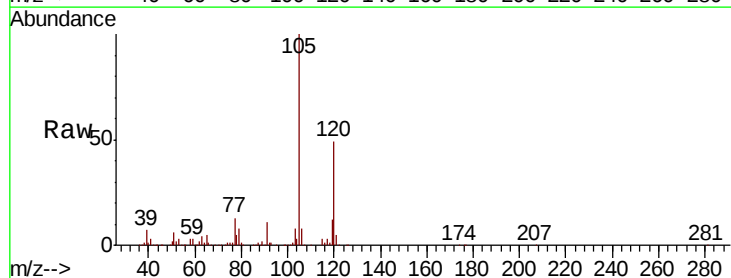
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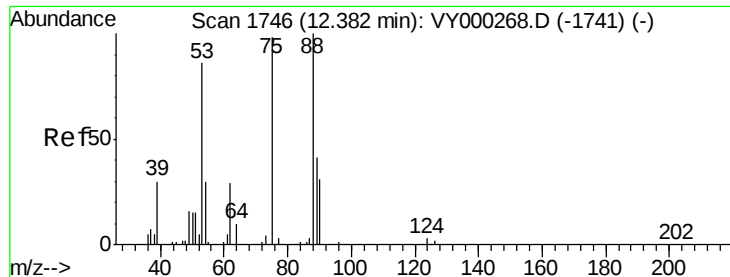
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#80
1,3,5-Trimethylbenzene
Concen: 21.163 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.9	74.8





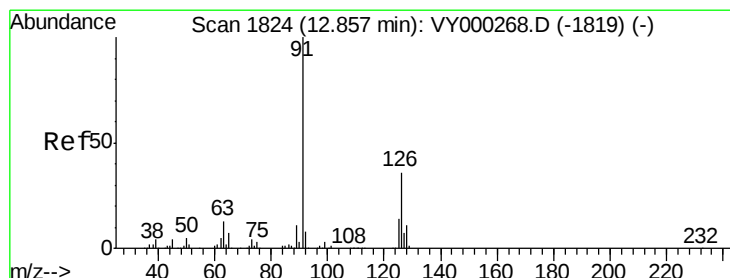
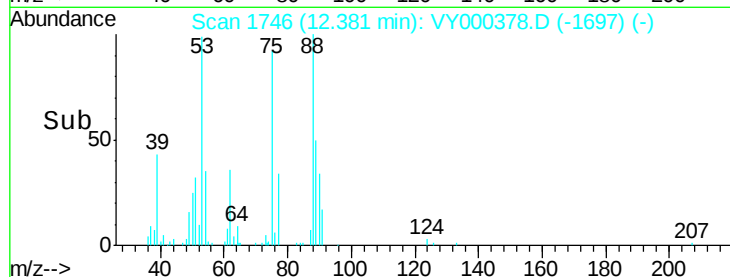
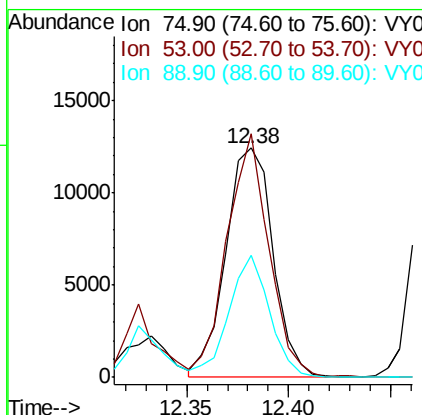
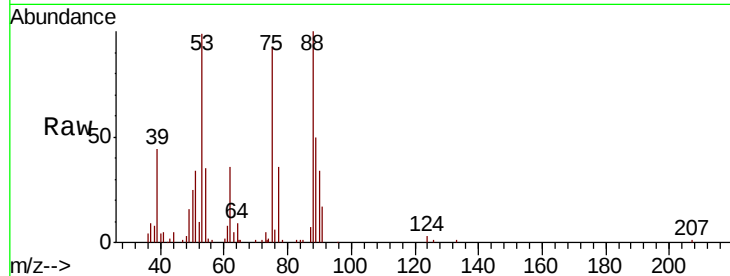
#81
trans-1,4-Dichloro-2-butene
Concen: 20.871 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.3	71.3	106.9
89	45.7	35.1	52.7

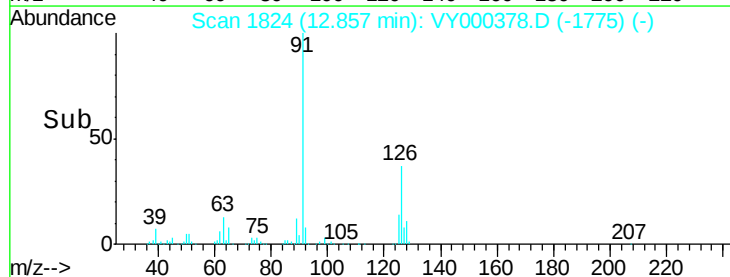
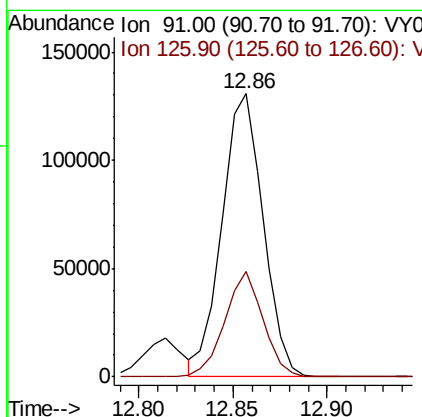
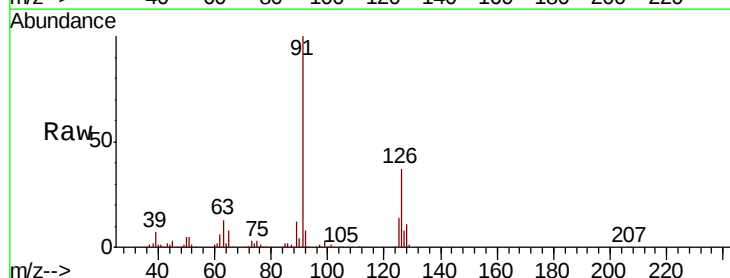
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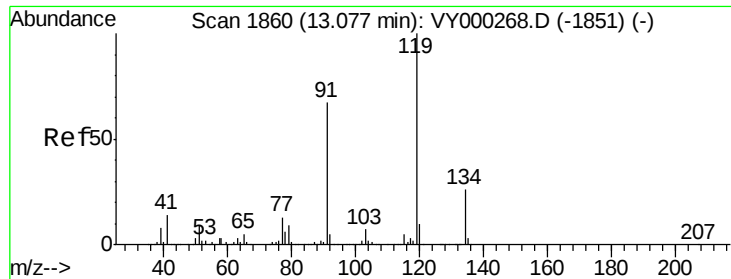
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#82
4-Chlorotoluene
Concen: 21.234 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.2	51.5





#83

tert-Butylbenzene

Concen: 21.269 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

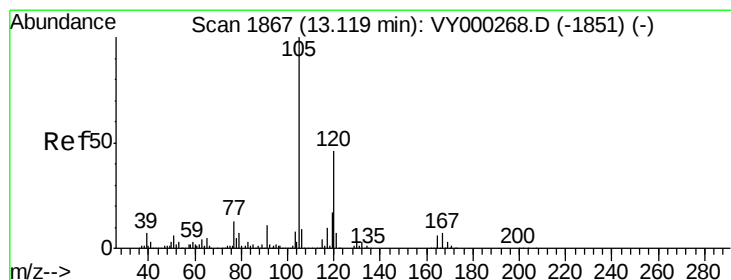
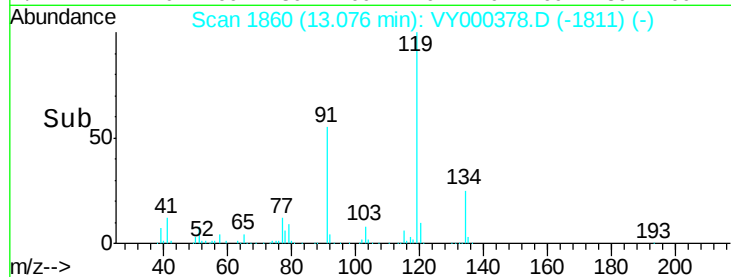
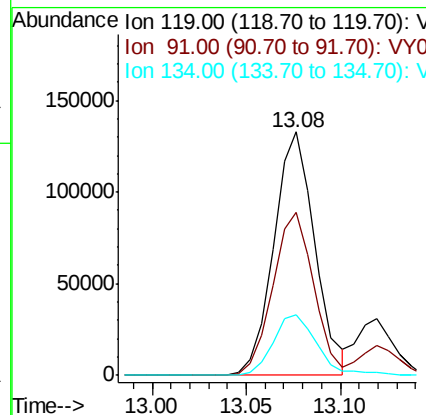
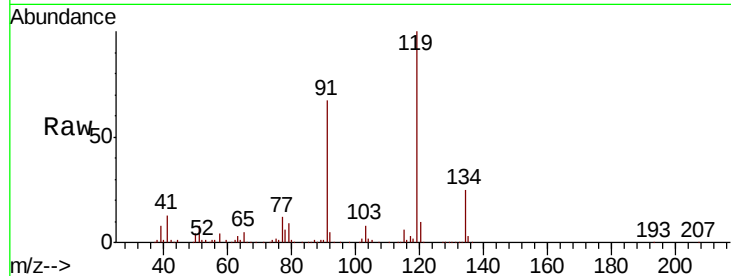
ClientSampleId :

VY1023SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200164		
91	66.8	32.9	98.7	
134	27.1	13.3	39.8	

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#84

1,2,4-Trimethylbenzene

Concen: 21.652 ug/l

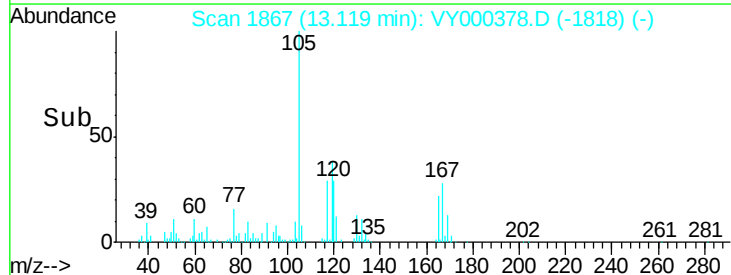
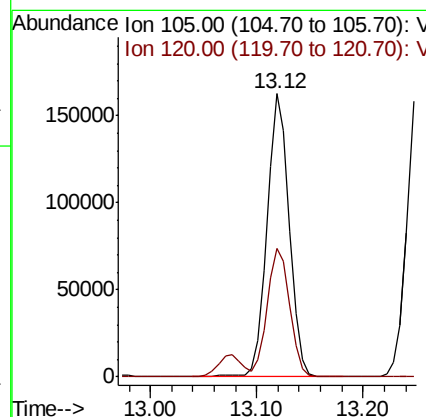
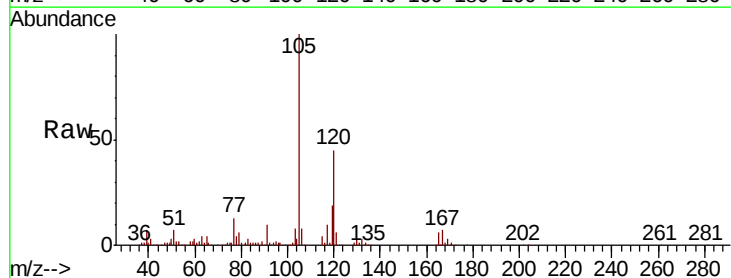
RT: 13.12 min Scan# 1867

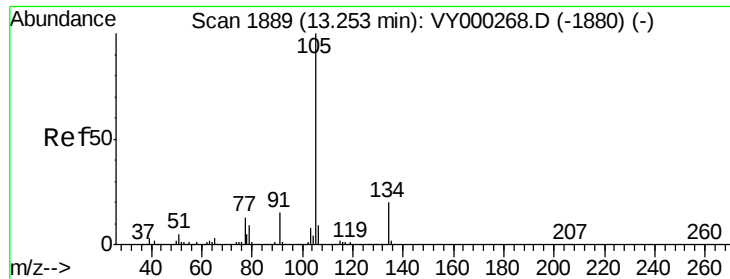
Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237482		
120	45.8	22.9	68.8	





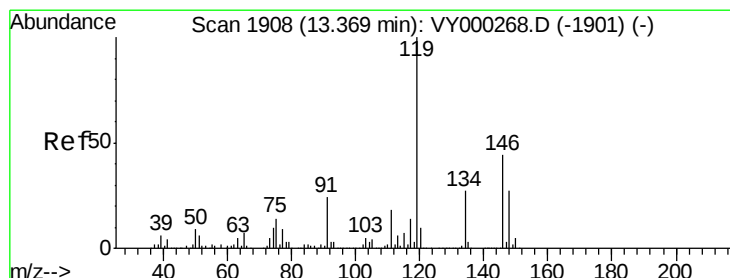
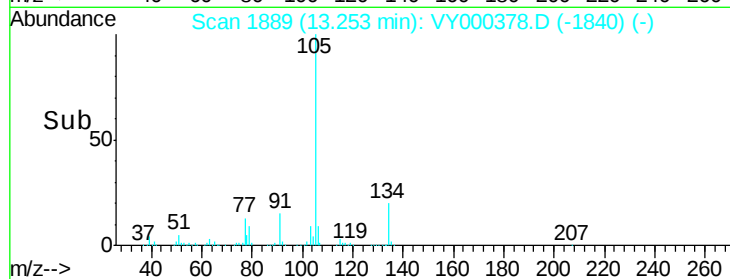
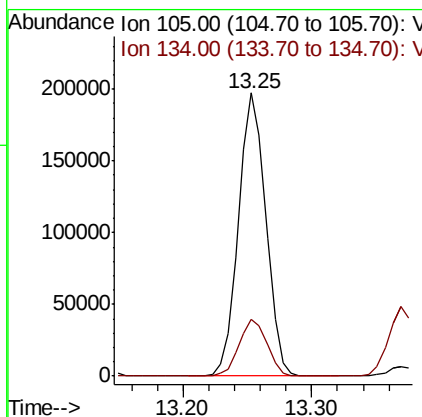
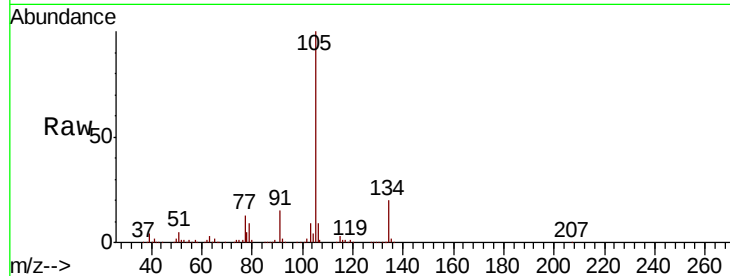
#85
 sec-Butylbenzene
 Concen: 21.291 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.1

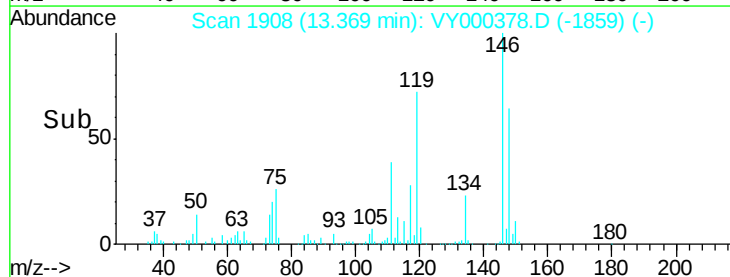
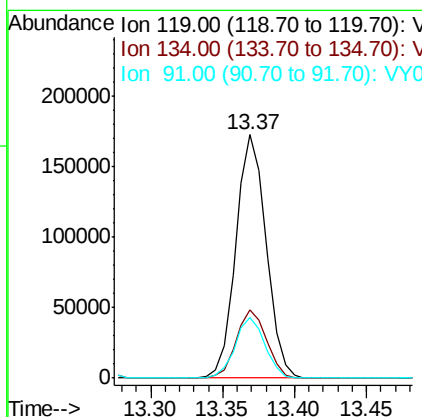
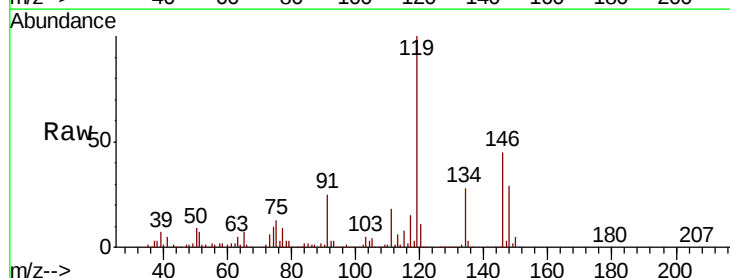
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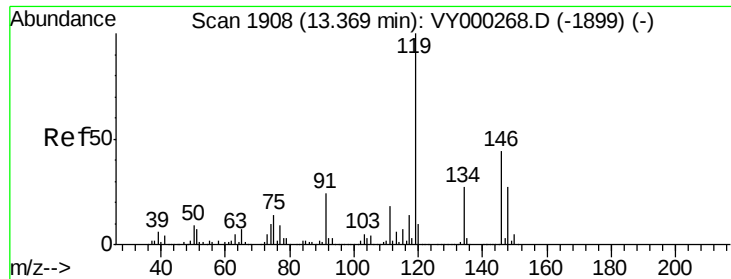
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#86
 p-Isopropyltoluene
 Concen: 21.209 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.6	40.8
91	24.7	12.0	36.1





#87

1,3-Dichlorobenzene

Concen: 21.614 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

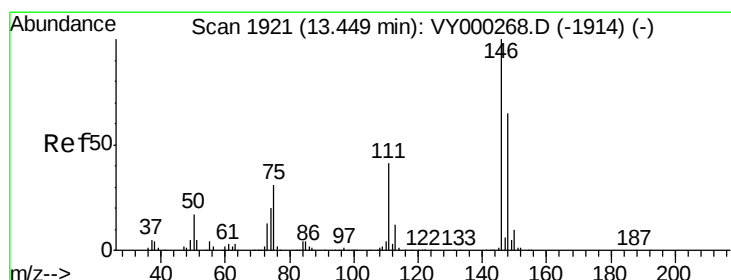
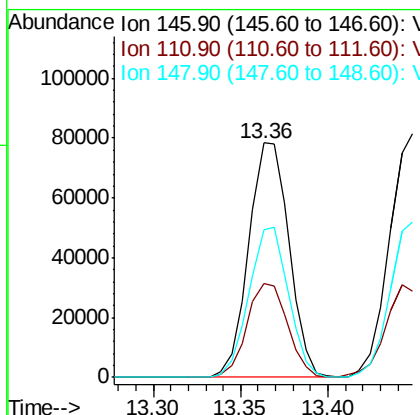
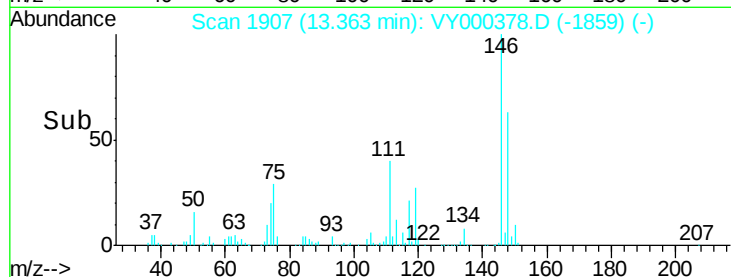
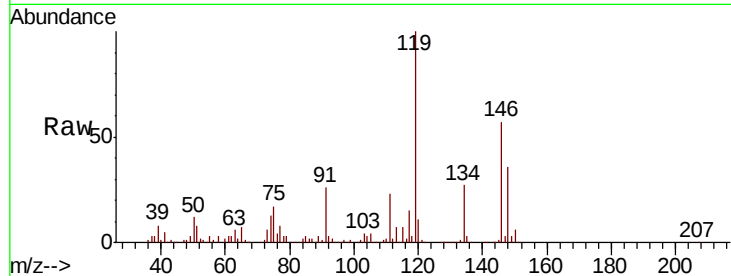
Instrument :
MSVOA_Y

ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	125586		
111	40.2	20.6	61.8	
148	62.8	31.9	95.5	

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#88

1,4-Dichlorobenzene

Concen: 21.581 ug/l

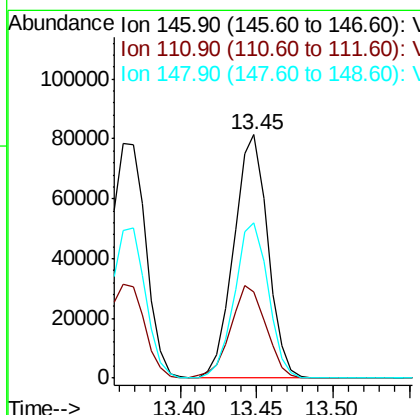
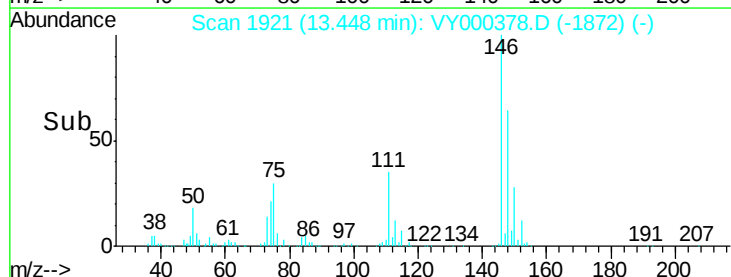
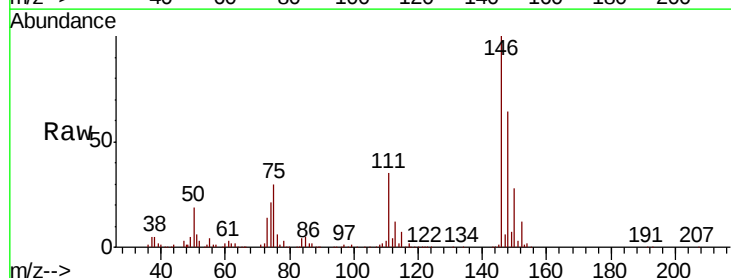
RT: 13.45 min Scan# 1921

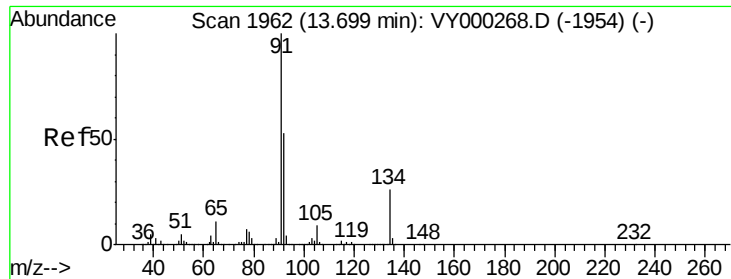
Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	125338		
111	40.1	20.1	60.2	
148	63.5	32.4	97.2	





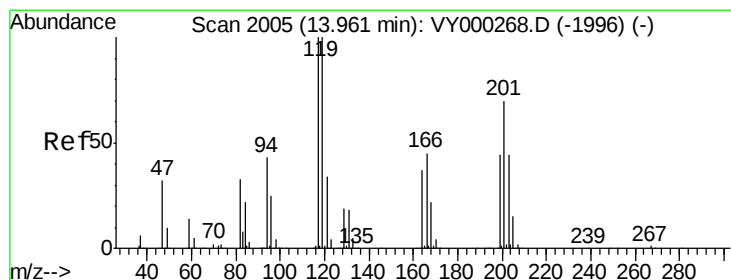
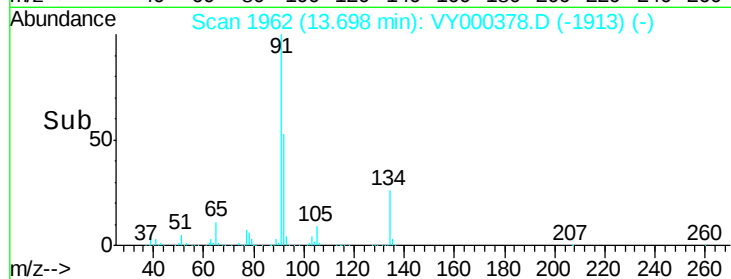
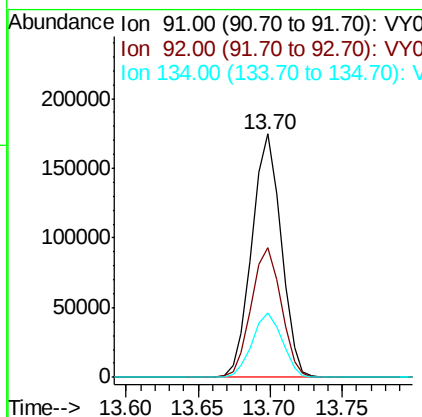
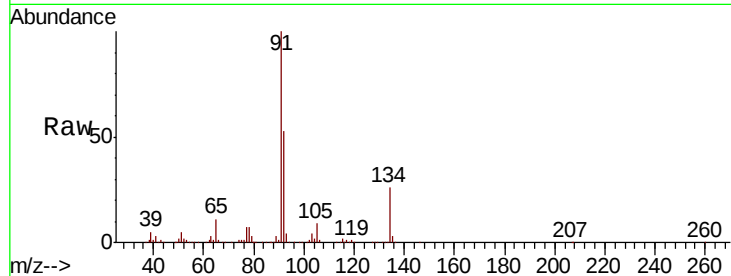
#89
n-Butylbenzene
Concen: 20.931 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.7	80.1
134	26.8	13.0	38.9

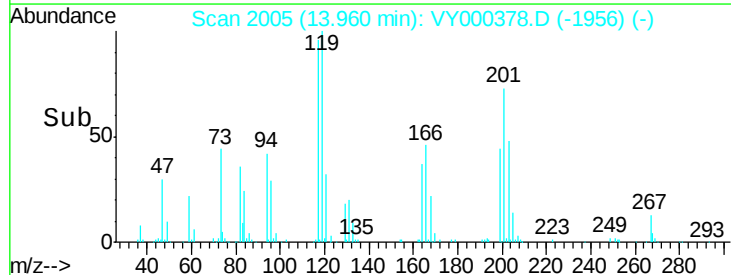
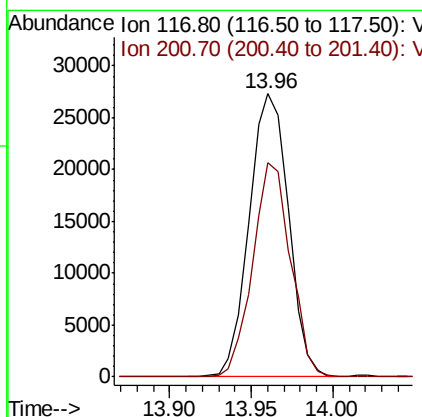
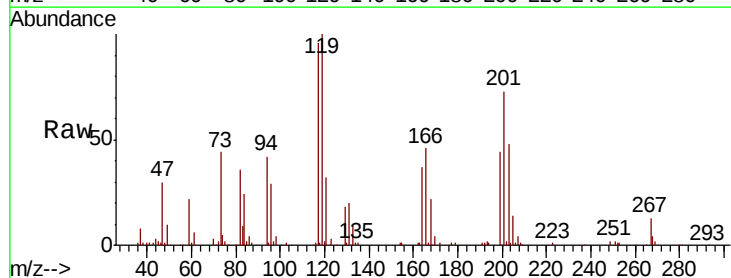
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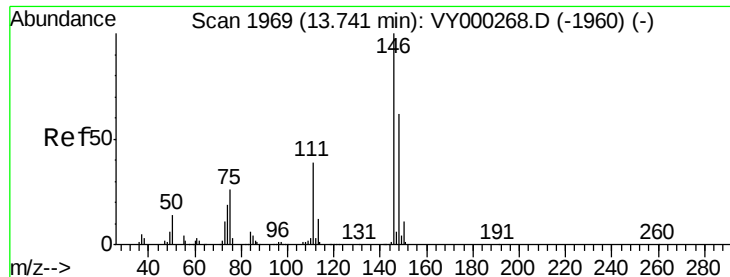
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#90
Hexachloroethane
Concen: 20.842 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000378.D
Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	36.3	108.7





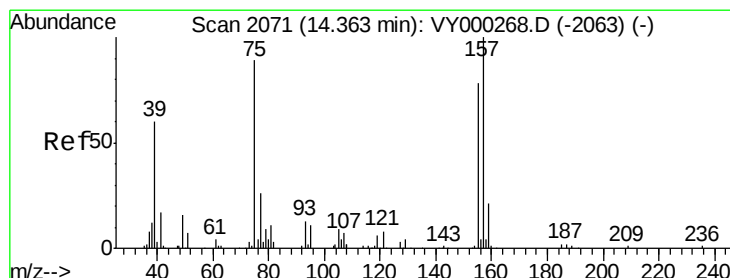
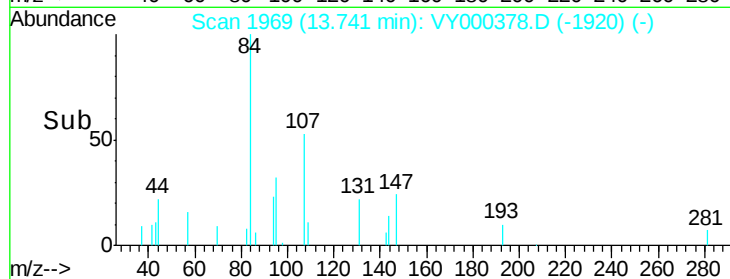
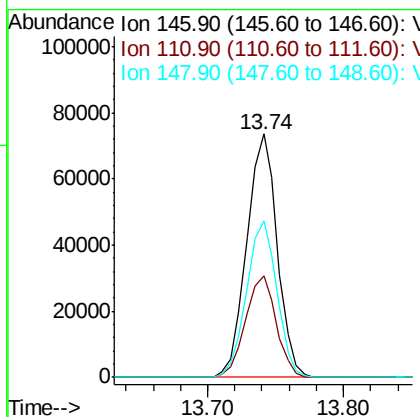
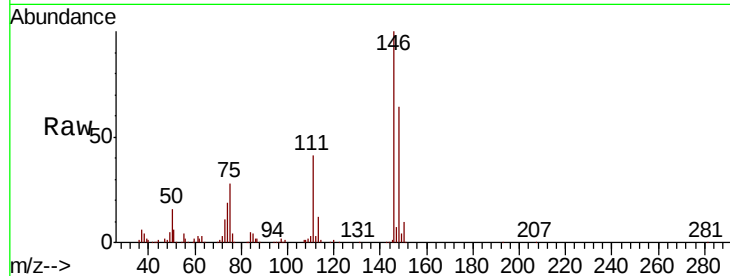
#91
 1,2-Dichlorobenzene
 Concen: 21.939 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.5
148	64.0	31.6	95.0

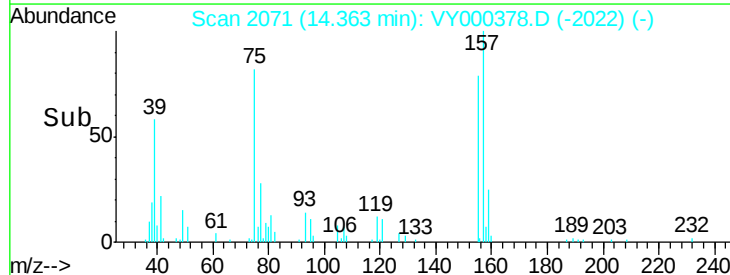
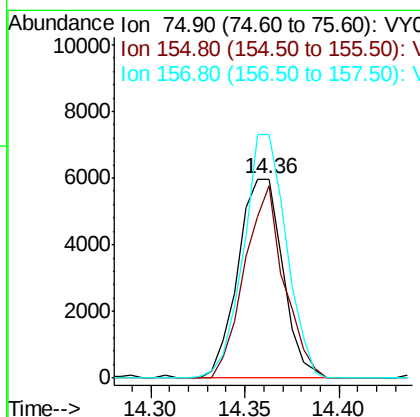
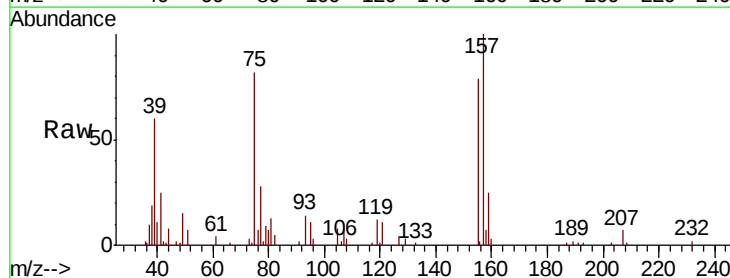
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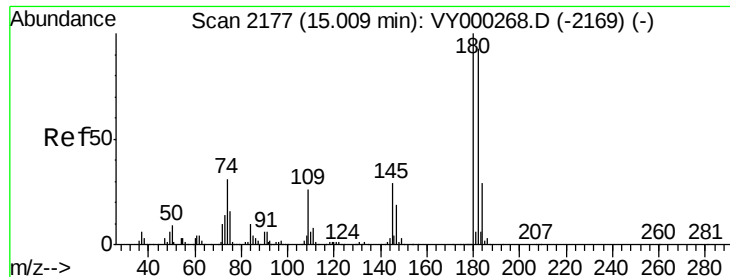
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.817 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	45.8	137.3
157	117.6	55.6	166.9





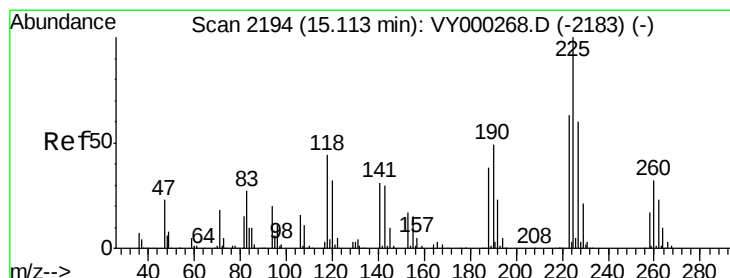
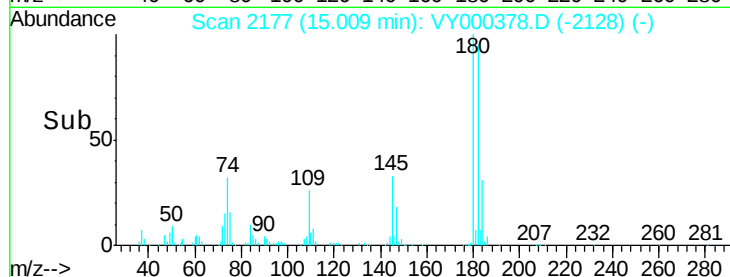
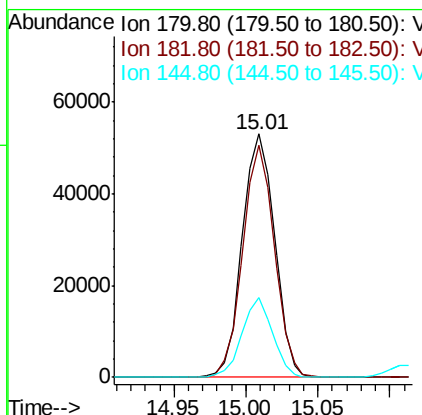
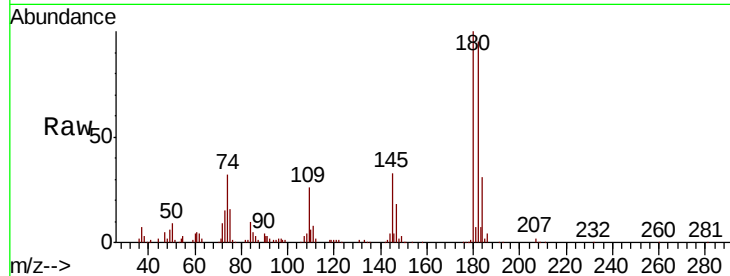
#93
 1,2,4-Trichlorobenzene
 Concen: 22.661 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.0	47.5	142.6	
145	30.8	15.4	46.1	

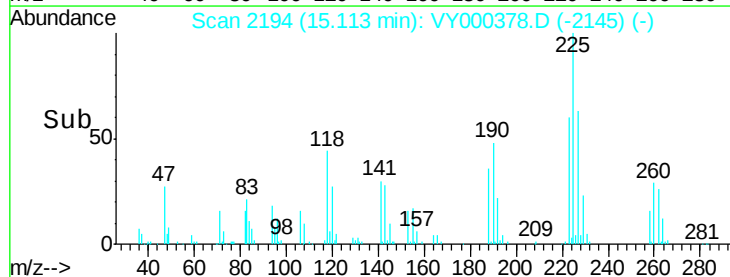
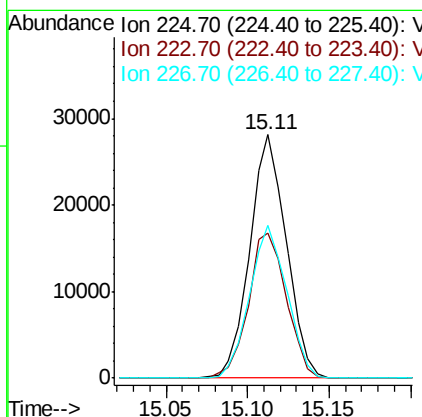
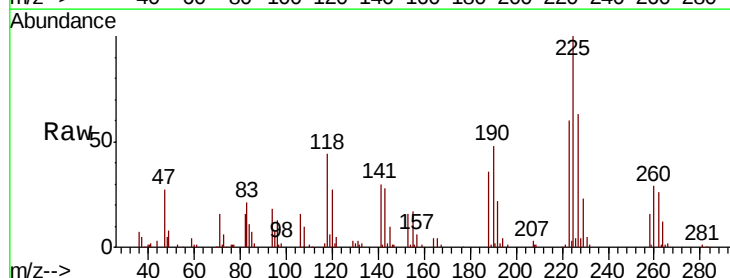
Manual Integrations
 APPROVED

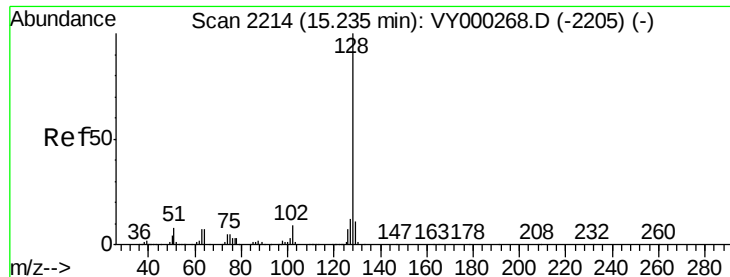
MMDadoda
 10/24/2019 4:29:52 PM



#94
 Hexachlorobutadiene
 Concen: 22.124 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000378.D
 Acq: 23 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.9	95.7	
227	64.1	31.4	94.2	





#95

Naphthalene

Concen: 22.159 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Instrument :

MSVOA_Y

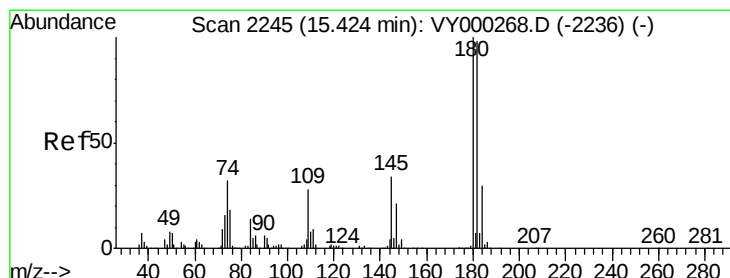
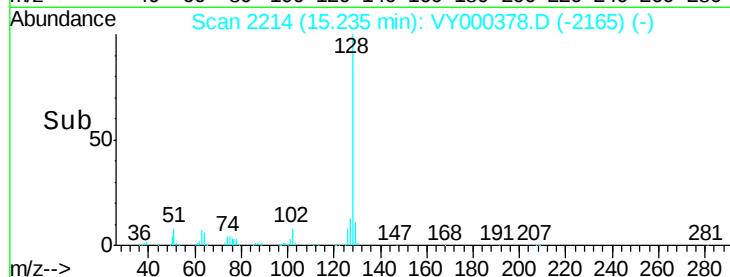
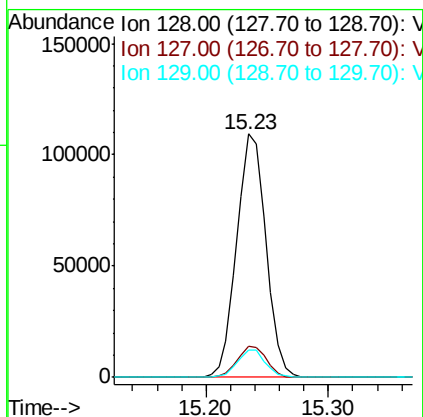
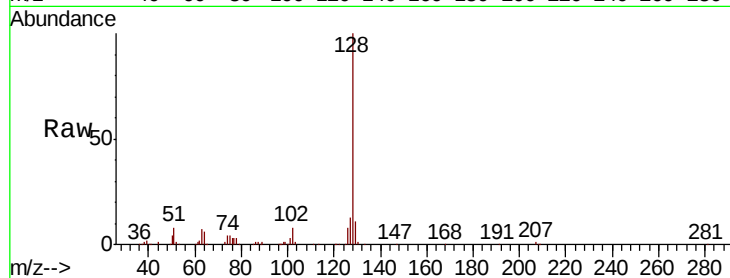
ClientSampleId :

VY1023SBS01

Tot Ion:	128	Resp:	181046
Ion Ratio	Lower	Upper	
128	100		
127	12.8	9.6	14.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:29:52 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.786 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000378.D

Acq: 23 Oct 2019 14:06

Tgt Ion:	180	Resp:	75185
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.5	139.5
145	32.4	16.2	48.5

