

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000408.D
 Acq On : 24 Oct 2019 14:41
 Operator : SY/MD
 Sample : VY1024SBS02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:46:45 PM

Quant Time: Oct 25 07:09:15 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	219119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	361117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	323788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161841	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	116396	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.73	113	104827	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	10.18	98	411461	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.48	95	149687	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	40492	20.854	ug/l	98
3) Chloromethane	2.12	50	61594	23.004	ug/l	98
4) Vinyl Chloride	2.25	62	53975	19.974	ug/l	100
5) Bromomethane	2.63	94	32736	16.346	ug/l	91
6) Chloroethane	2.79	64	33861	19.421	ug/l	99
7) Trichlorofluoromethane	3.12	101	78747	21.304	ug/l	91
8) Diethyl Ether	3.54	74	31094	23.812	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	46275	20.643	ug/l	98
10) Methyl Iodide	4.09	142	48388	15.981	ug/l	95
11) Tert butyl alcohol	4.96	59	22918	94.747	ug/l	100
12) 1,1-Dichloroethene	3.87	96	45830	20.709	ug/l	90
13) Acrolein	3.74	56	20156	71.075	ug/l	100
14) Allyl chloride	4.48	41	73711	20.099	ug/l	98
15) Acrylonitrile	5.18	53	74798	102.338	ug/l	99
16) Acetone	3.96	43	70413	94.070	ug/l	98
17) Carbon Disulfide	4.19	76	126781	18.195	ug/l #	92
18) Methyl Acetate	4.49	43	37824	20.338	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	127441	20.686	ug/l	98
20) Methylene Chloride	4.72	84	79282	29.172	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	50899	20.047	ug/l	98
22) Diisopropyl ether	6.13	45	157967	20.365	ug/l	96
23) Vinyl Acetate	6.07	43	510521	100.887	ug/l	99
24) 1,1-Dichloroethane	6.03	63	88098	20.808	ug/l	99
25) 2-Butanone	7.00	43	102523	97.231	ug/l	99
26) 2,2-Dichloropropane	6.99	77	80961	20.752	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	56796	20.672	ug/l	96
28) Bromochloromethane	7.34	49	34356	18.902	ug/l	92
29) Tetrahydrofuran	7.36	42	60427	94.562	ug/l	99
30) Chloroform	7.52	83	88291	20.707	ug/l	100
31) Cyclohexane	7.79	56	87031	19.681	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	77973	20.570	ug/l	99
36) 1,1-Dichloropropene	7.93	75	69096	19.543	ug/l	99
37) Ethyl Acetate	7.09	43	41178	19.670	ug/l	98
38) Carbon Tetrachloride	7.91	117	71284	20.823	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92248	19.935	ug/l	94
40) Benzene	8.17	78	205641	20.127	ug/l	97
41) Methacrylonitrile	7.33	41	19419m	19.487	ug/l	
42) 1,2-Dichloroethane	8.25	62	59082	20.243	ug/l	99
43) Isopropyl Acetate	8.28	43	79376	19.941	ug/l #	90
44) Trichloroethene	8.94	130	57363	20.009	ug/l	93
45) 1,2-Dichloropropane	9.22	63	51140	20.396	ug/l	100
46) Dibromomethane	9.32	93	29004	20.693	ug/l	97
47) Bromodichloromethane	9.50	83	66643	20.175	ug/l	99
48) Methyl methacrylate	9.30	41	35015	20.072	ug/l	97
49) 1,4-Dioxane	9.30	88	8932	425.003	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	206489	100.575	ug/l	99
52) Toluene	10.25	92	128730	19.844	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	72350	20.437	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	81579	20.291	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	40956	20.096	ug/l	96
56) Ethyl methacrylate	10.52	69	57285	19.720	ug/l	97
57) 1,3-Dichloropropane	10.79	76	74188	21.197	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	140247	121.043	ug/l	100
59) 2-Hexanone	10.83	43	150743	104.604	ug/l	97
60) Dibromochloromethane	10.99	129	45906	20.323	ug/l	99
61) 1,2-Dibromoethane	11.09	107	38498	19.674	ug/l	98
64) Tetrachloroethene	10.72	164	61808	20.051	ug/l	96
65) Chlorobenzene	11.52	112	140505	20.562	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	49983	20.823	ug/l	99
67) Ethyl Benzene	11.60	91	252637	19.944	ug/l	100
68) m/p-Xylenes	11.70	106	196584	40.595	ug/l	98
69) o-Xylene	12.03	106	91790	19.869	ug/l	99
70) Styrene	12.05	104	156947	20.145	ug/l	100
71) Bromoform	12.21	173	27278	19.768	ug/l #	97
73) Isopropylbenzene	12.33	105	246680	19.548	ug/l	99
74) N-amyl acetate	12.14	43	66232	21.379	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48604	20.514	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	35111m	17.643	ug/l	
77) Bromobenzene	12.61	156	56881	20.256	ug/l	95
78) n-propylbenzene	12.67	91	297984	19.667	ug/l	100
79) 2-Chlorotoluene	12.75	91	164066	19.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	209045	19.755	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17222	18.934	ug/l	94
82) 4-Chlorotoluene	12.85	91	172539	19.507	ug/l	97
83) tert-Butylbenzene	13.07	119	181760	20.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	206838	19.805	ug/l	99
85) sec-Butylbenzene	13.25	105	254843	19.659	ug/l	99
86) p-Isopropyltoluene	13.37	119	226813	20.069	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	111600	20.171	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	110310	19.947	ug/l	99
89) n-Butylbenzene	13.69	91	220004	19.699	ug/l	99
90) Hexachloroethane	13.96	117	41013	19.598	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	105147	21.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8852	19.699	ug/l	97

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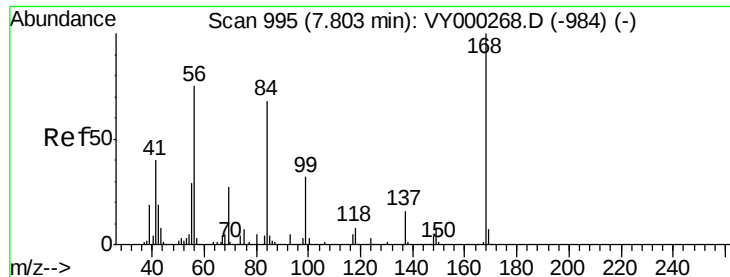
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	71664	20.557	ug/l	98
94) Hexachlorobutadiene	15.11	225	38361	20.334	ug/l	99
95) Naphthalene	15.23	128	151549	19.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66013	21.011	ug/l	98

(#) = 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: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion:168 Resp: 219119

Ion Ratio Lower Upper

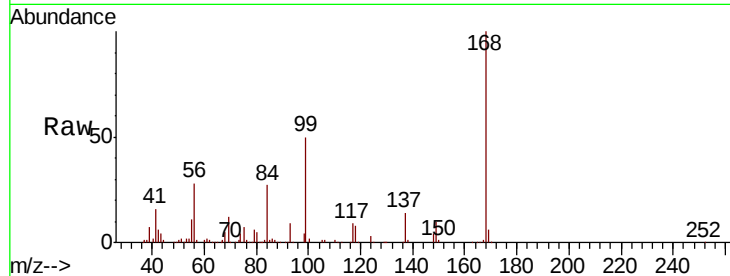
168 100

99 50.3 46.6 69.8

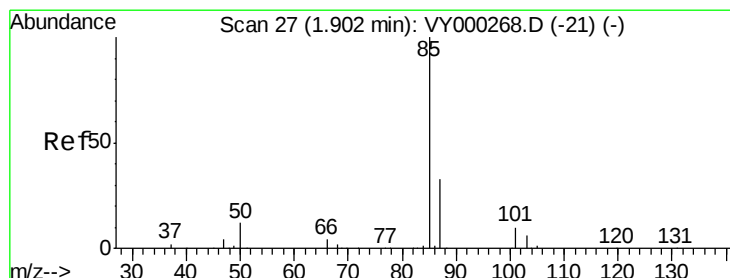
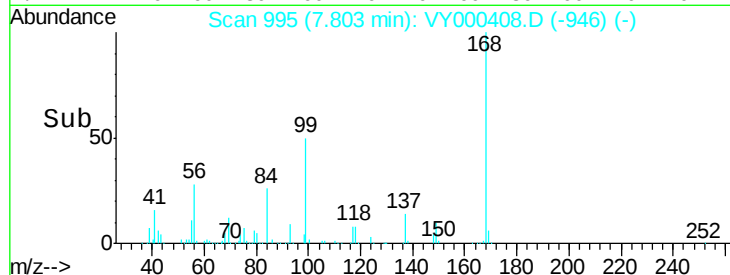
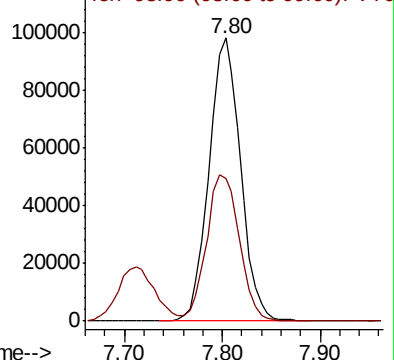
Manual Integrations
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10/25/2019 4:46:45 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000408.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 20.854 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000408.D

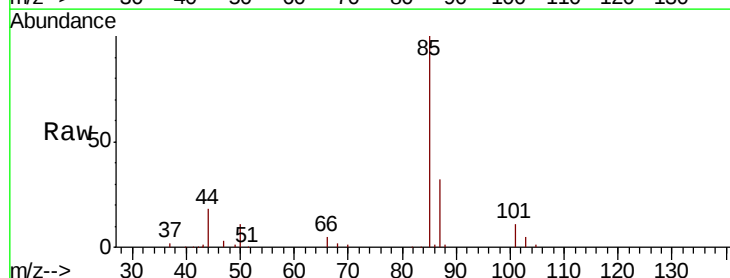
Acq: 24 Oct 2019 14:41

Tgt Ion: 85 Resp: 40492

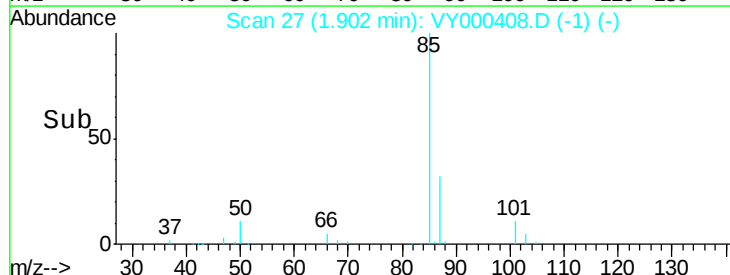
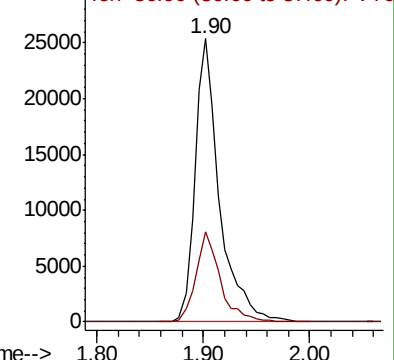
Ion Ratio Lower Upper

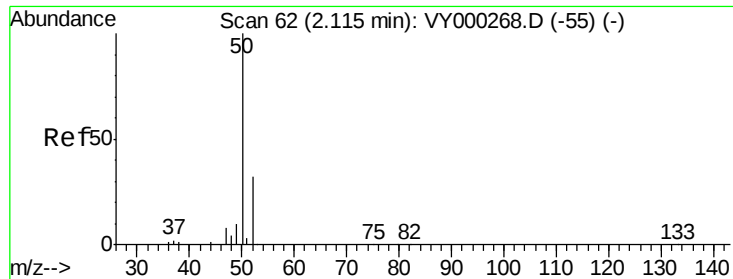
85 100

87 32.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000408.D (-1) (-)





#3

Chloromethane

Concen: 23.004 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 50 Resp: 61594

Ion Ratio Lower Upper

50 100

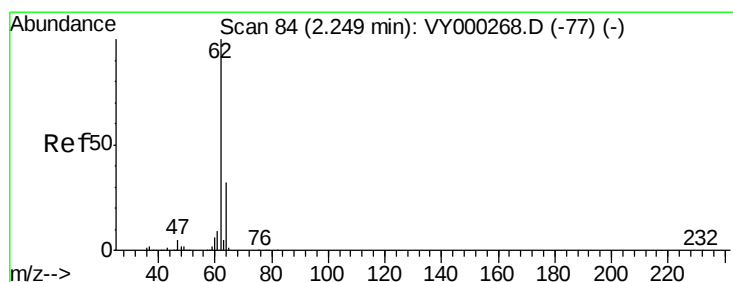
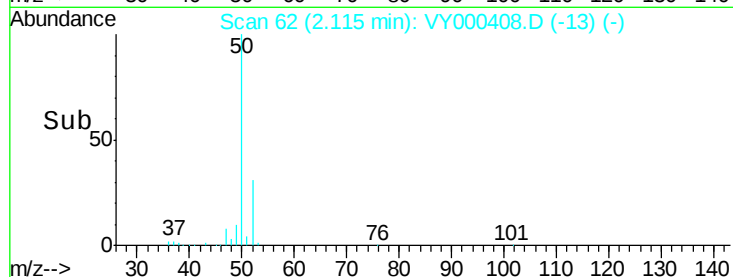
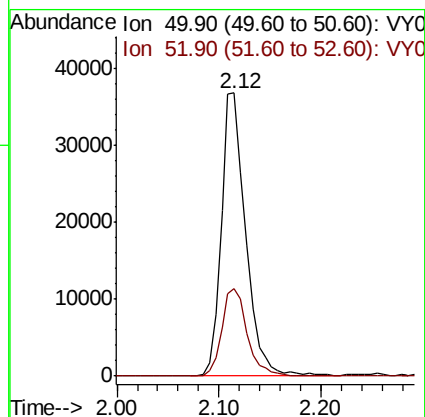
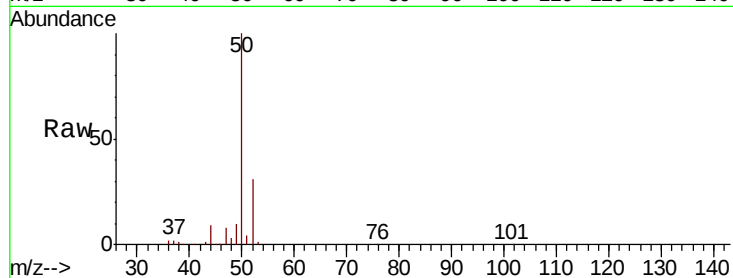
52 30.7 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.974 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000408.D

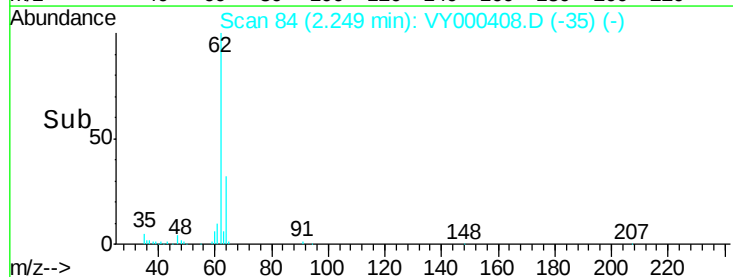
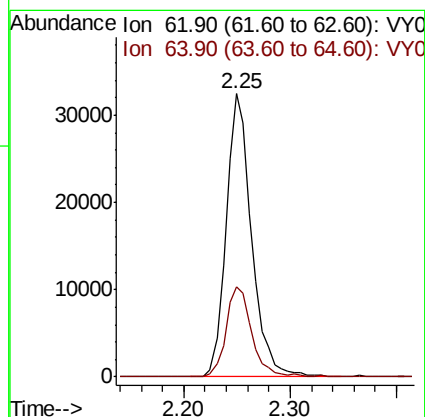
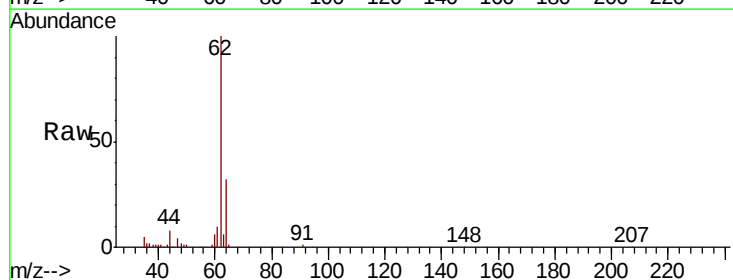
Acq: 24 Oct 2019 14:41

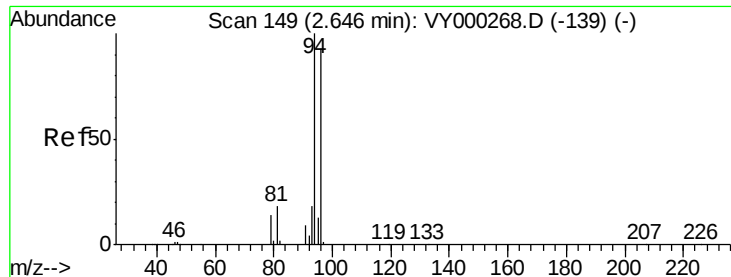
Tgt Ion: 62 Resp: 53975

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 16.346 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 94 Resp: 32736

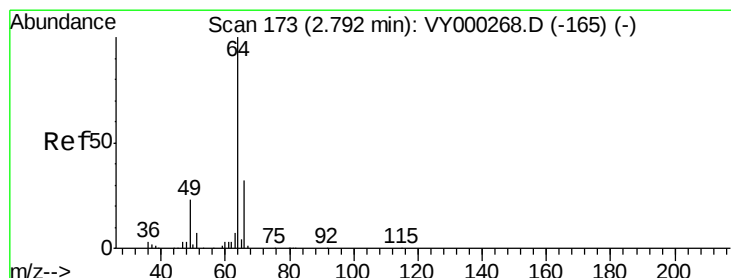
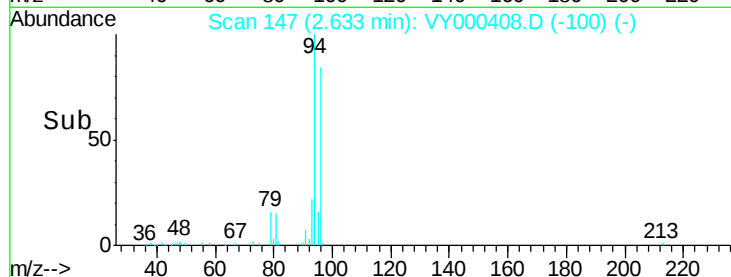
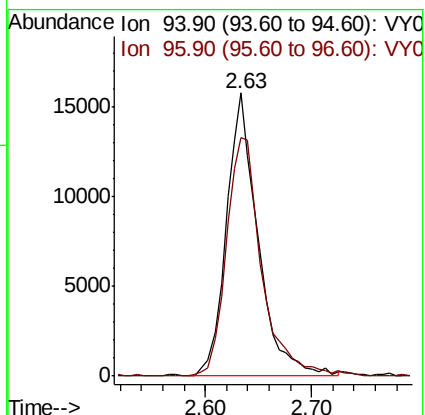
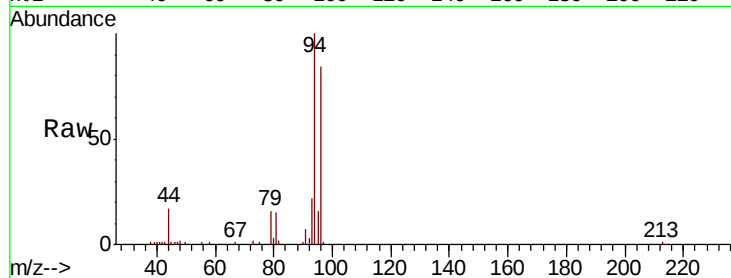
Ion Ratio Lower Upper

94 100

96 84.1 74.2 111.2

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 19.421 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000408.D

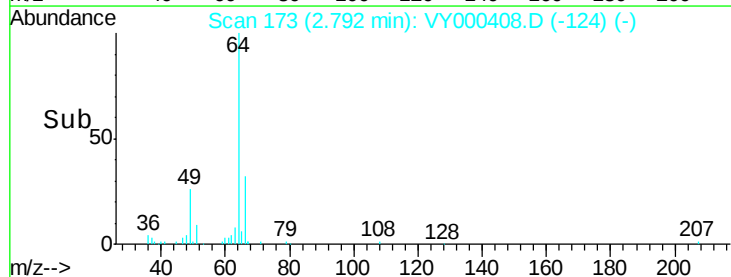
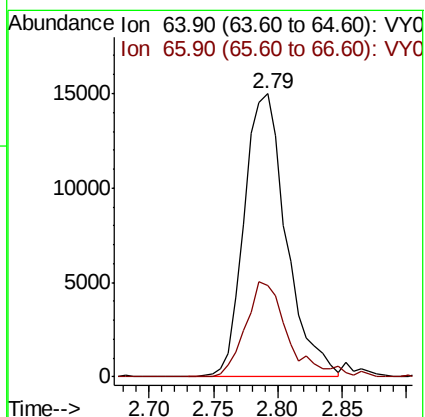
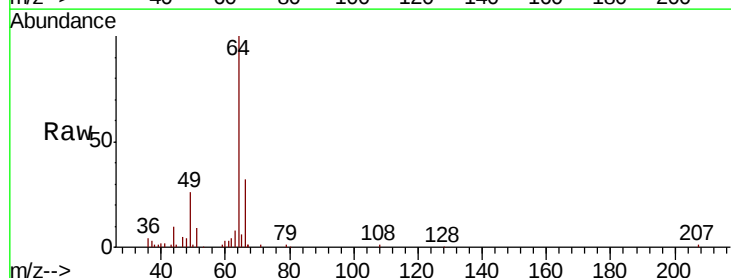
Acq: 24 Oct 2019 14:41

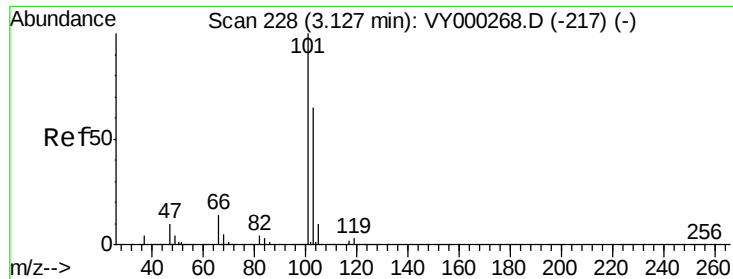
Tgt Ion: 64 Resp: 33861

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4





#7

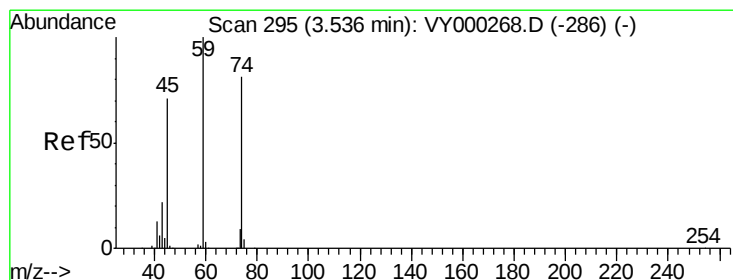
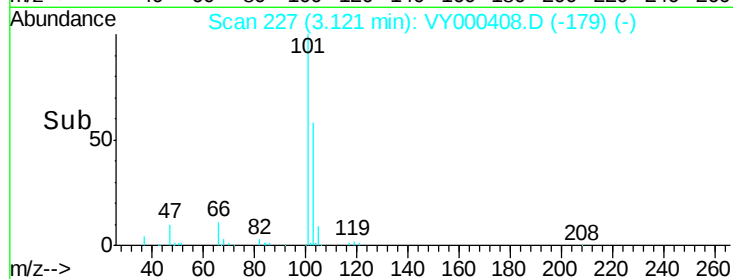
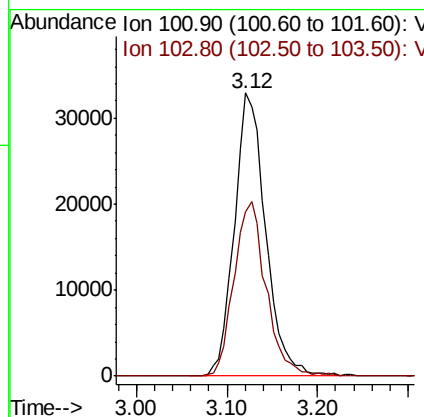
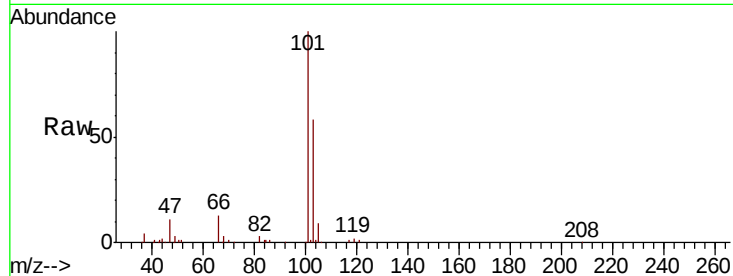
Trichlorofluoromethane
 Concen: 21.304 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000408.D
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 VY1024SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.2	52.2	78.4

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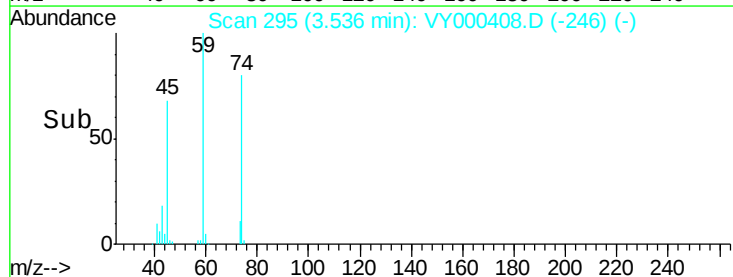
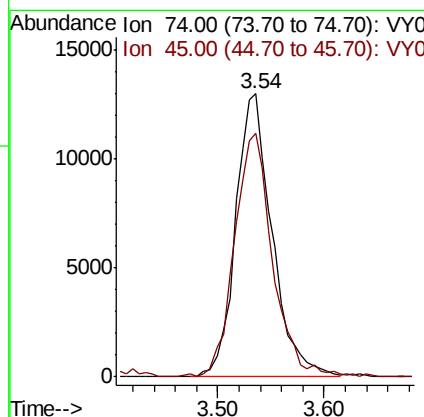
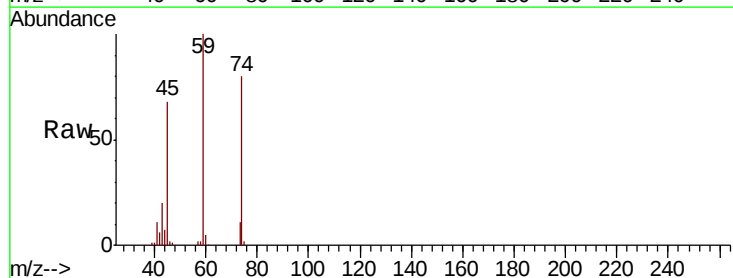
MMDadoda
 10/25/2019 4:46:45 PM

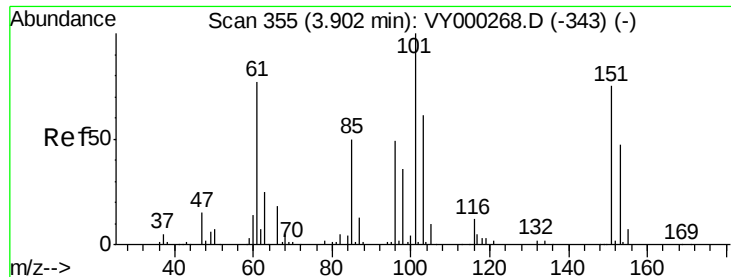


#8

Diethyl Ether
 Concen: 23.812 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.643 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

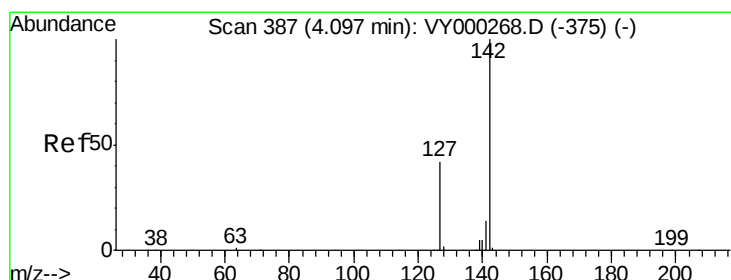
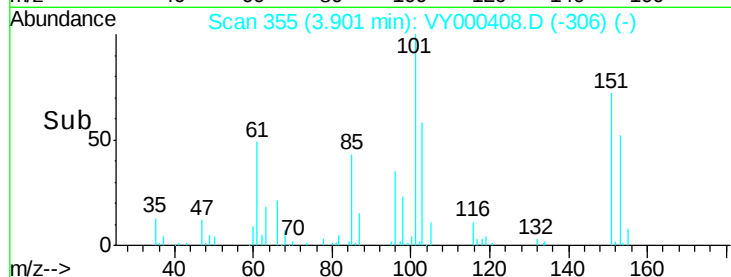
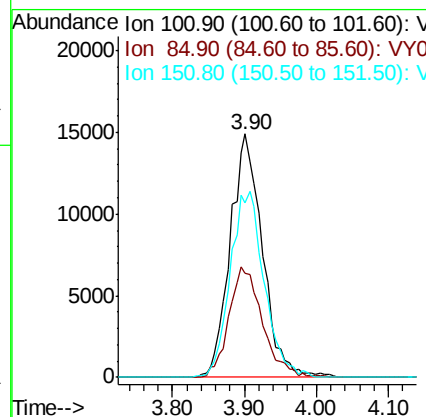
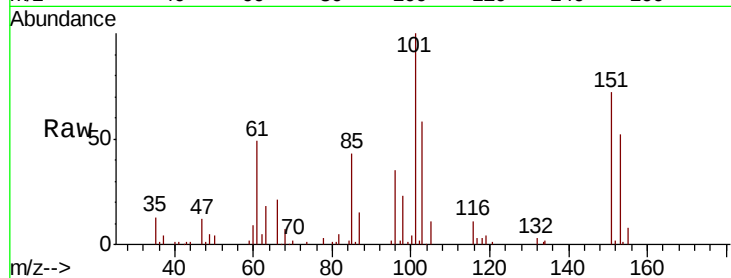
ClientSampleId :

VY1024SBS02

Tot Ion:	101	Resp:	46275
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.6	55.0
151	80.8	63.1	94.7

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#10

Methyl Iodide

Concen: 15.981 ug/l

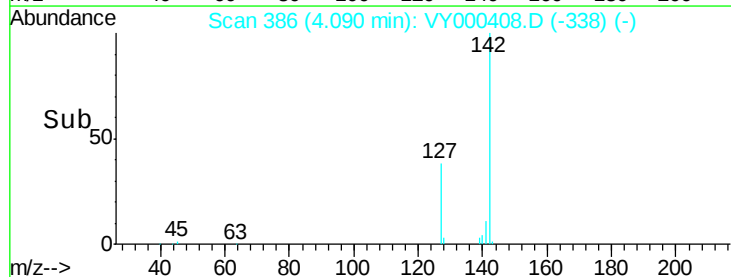
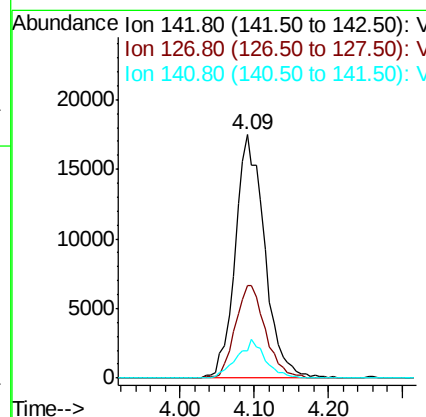
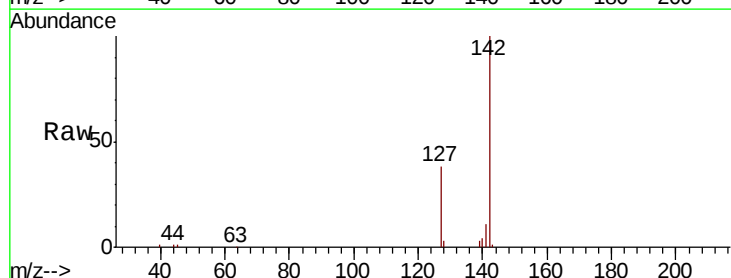
RT: 4.09 min Scan# 386

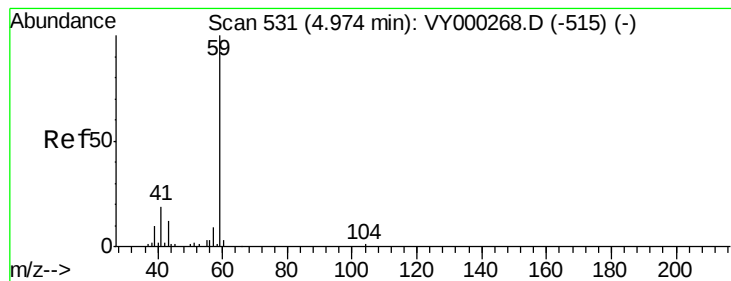
Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	142	Resp:	48388
Ion Ratio	Lower	Upper	
142	100		
127	39.1	33.9	50.9
141	15.0	11.2	16.8





#11

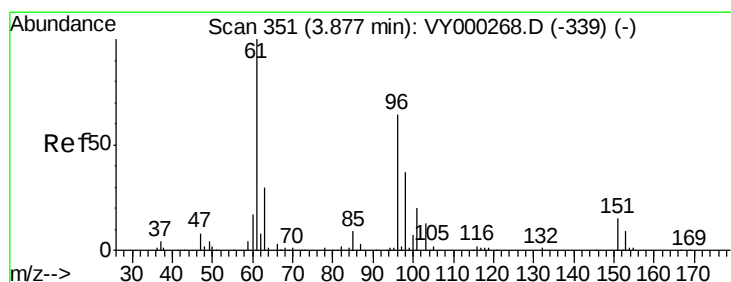
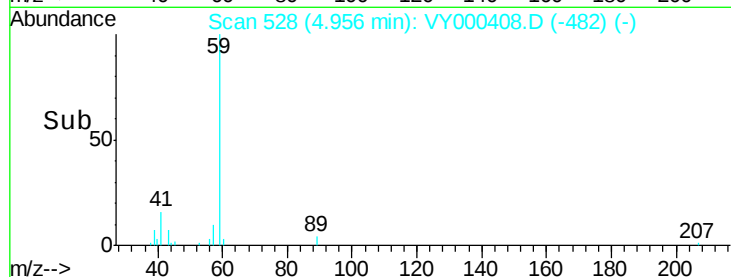
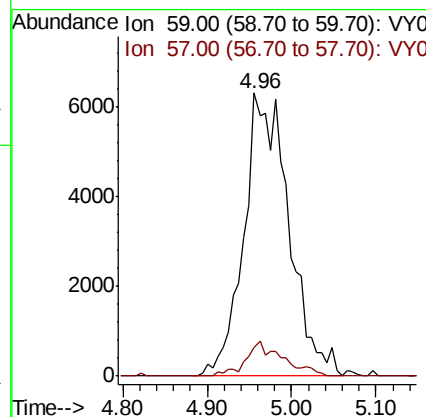
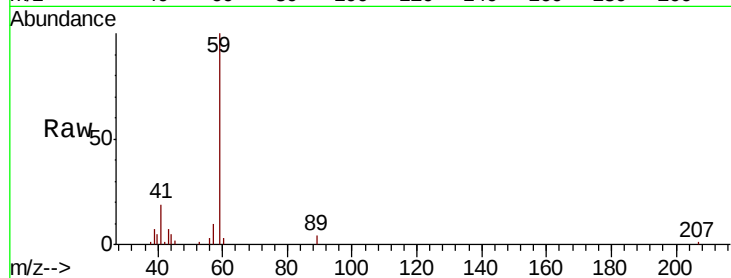
Tert butyl alcohol
 Concen: 94.747 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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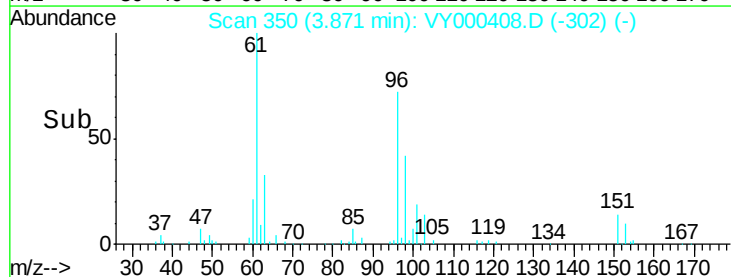
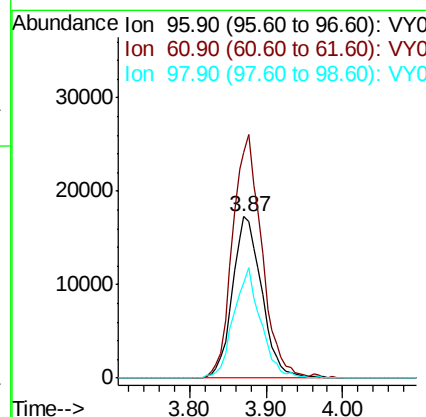
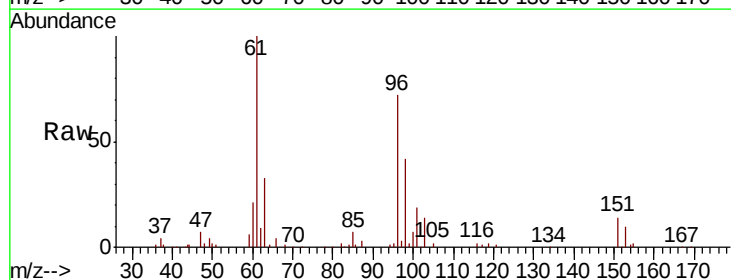
MMDadoda
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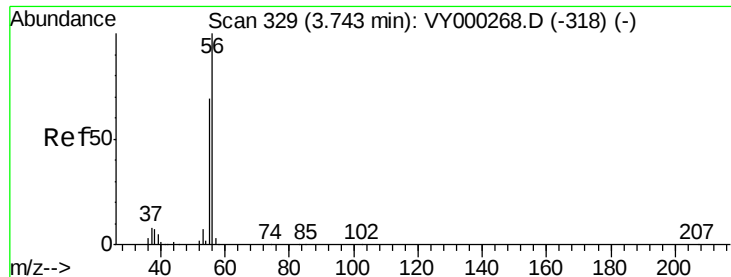


#12

1,1-Dichloroethene
 Concen: 20.709 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	125.8	188.6
98	59.0	46.2	69.2





#13

Acrolein

Concen: 71.075 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 56 Resp: 20156

Ion Ratio Lower Upper

56 100

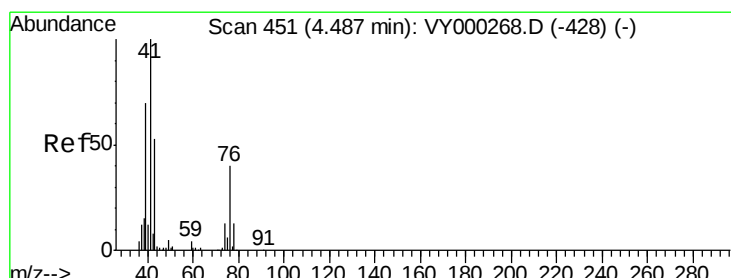
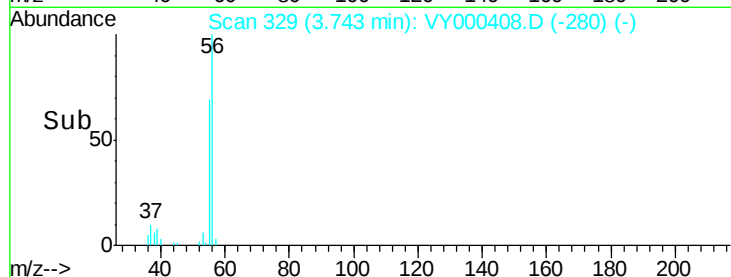
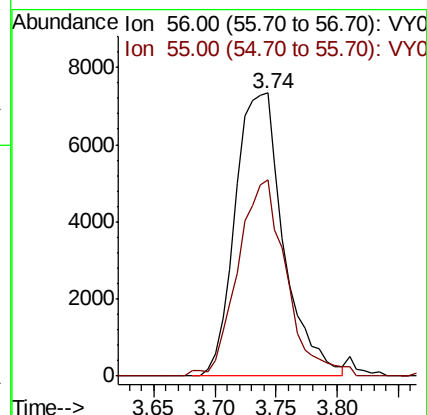
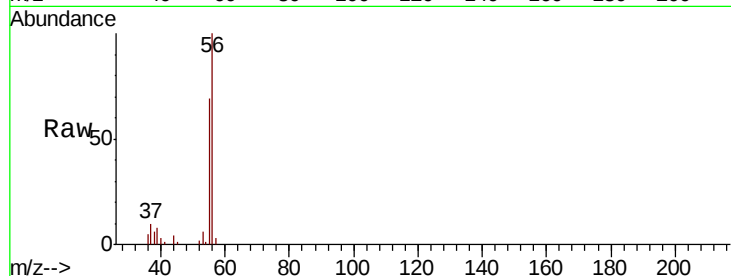
55 69.6 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 20.099 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

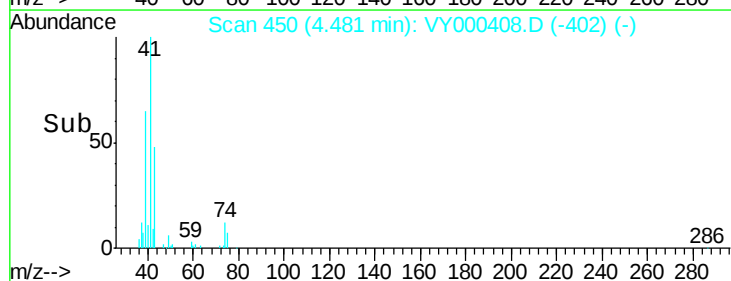
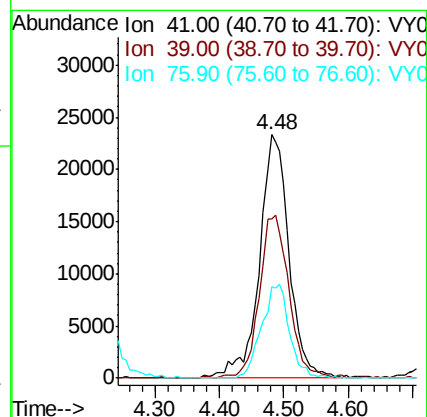
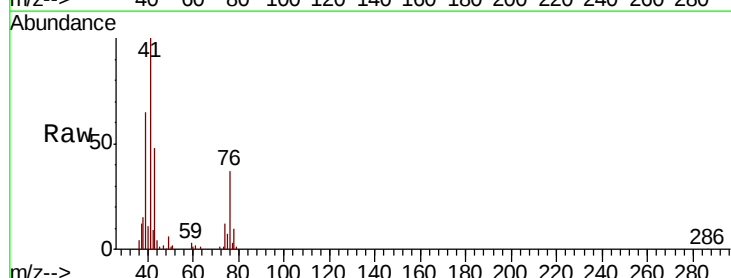
Tgt Ion: 41 Resp: 73711

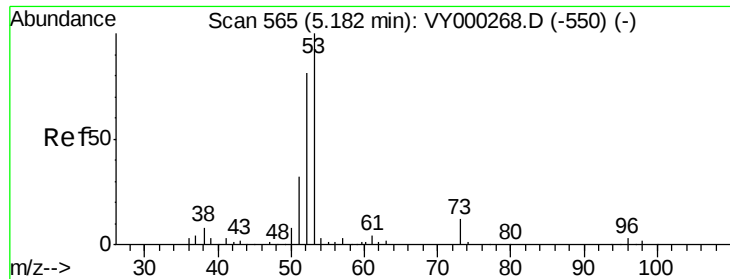
Ion Ratio Lower Upper

41 100

39 66.6 54.0 81.0

76 36.3 30.7 46.1





#15

Acrylonitrile

Concen: 102.338 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

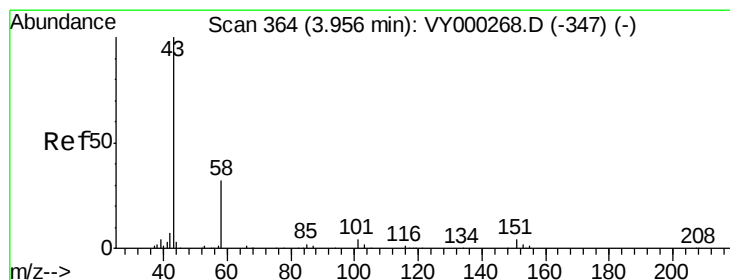
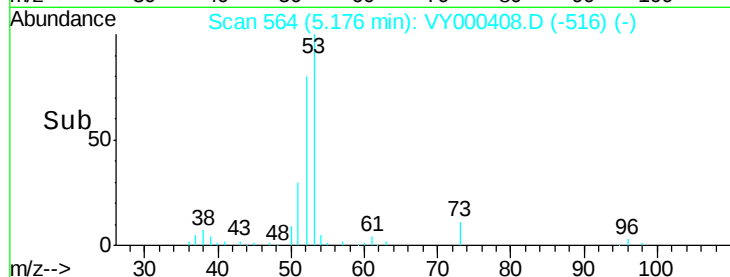
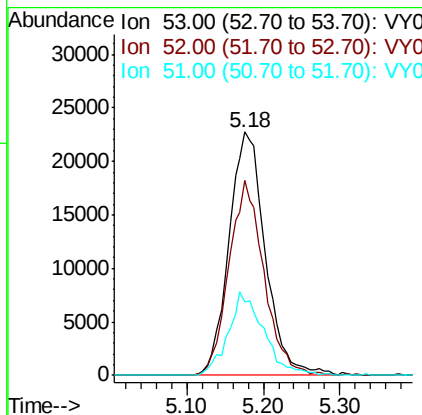
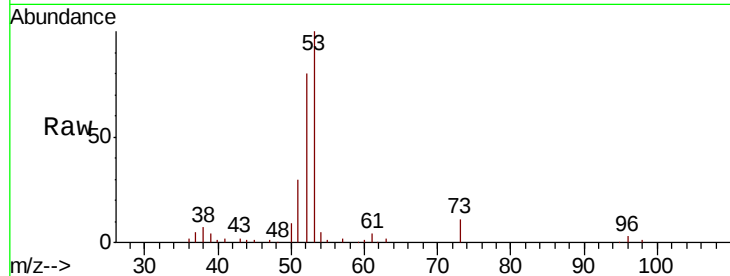
ClientSampleId :

VY1024SBS02

Tot Ion:	53	Resp:	74798
Ion	Ratio	Lower	Upper
53	100		
52	76.8	62.9	94.3
51	33.6	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 94.070 ug/l

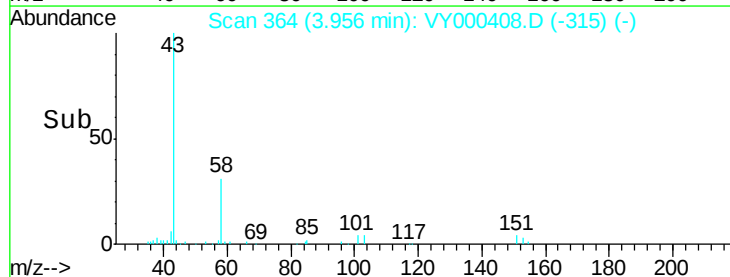
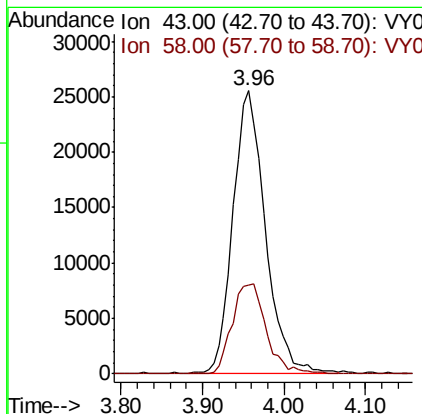
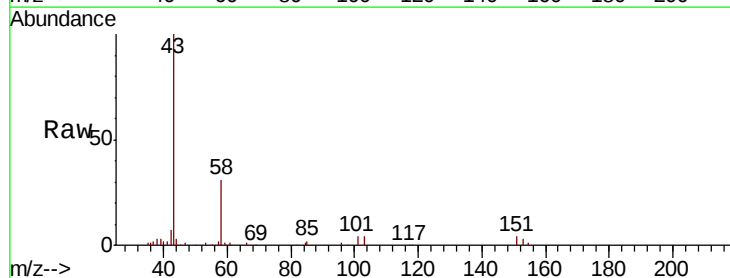
RT: 3.96 min Scan# 364

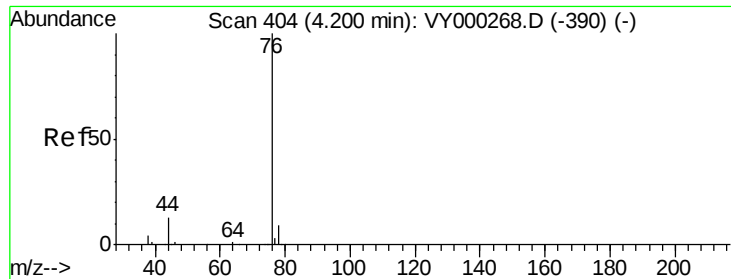
Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	43	Resp:	70413
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.8	38.6





#17

Carbon Disulfide

Concen: 18.195 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 76 Resp: 126781

Ion Ratio Lower Upper

76 100

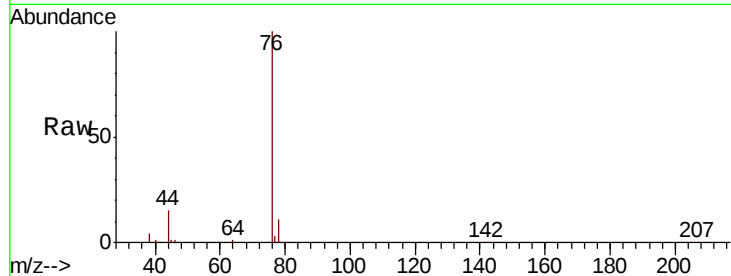
78 11.4 7.0 10.4#

Manual Integrations

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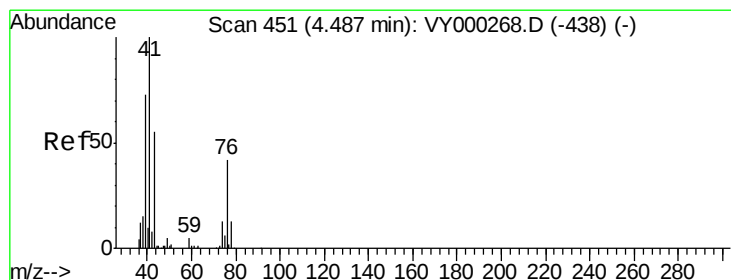
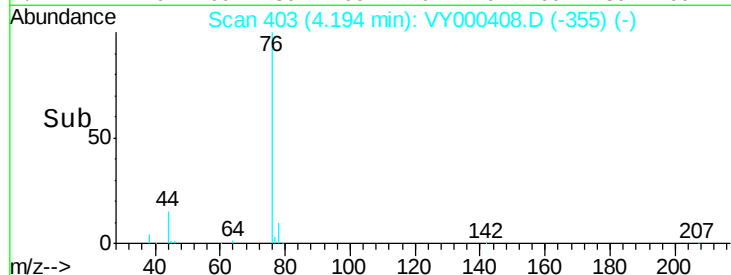
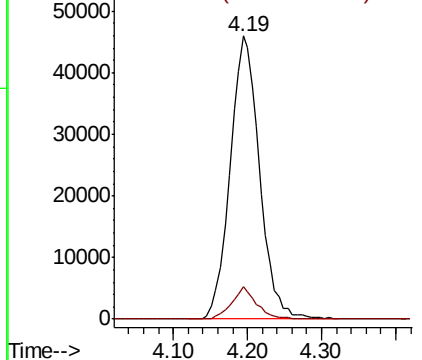
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.338 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000408.D

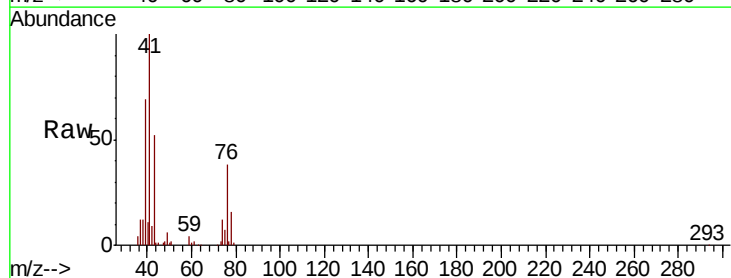
Acq: 24 Oct 2019 14:41

Tgt Ion: 43 Resp: 37824

Ion Ratio Lower Upper

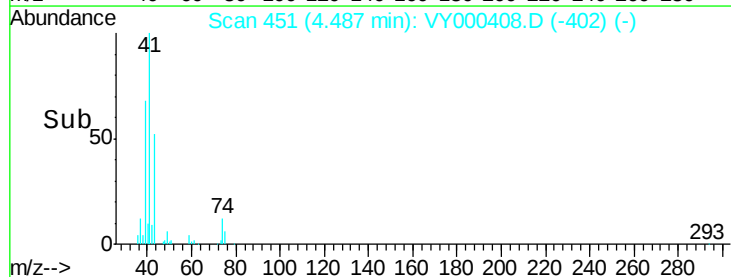
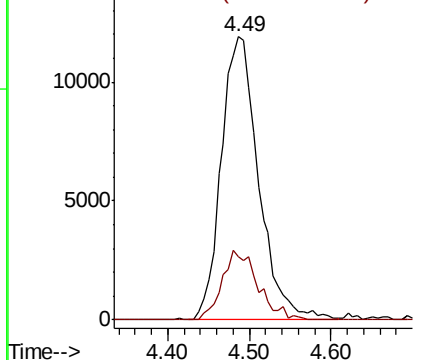
43 100

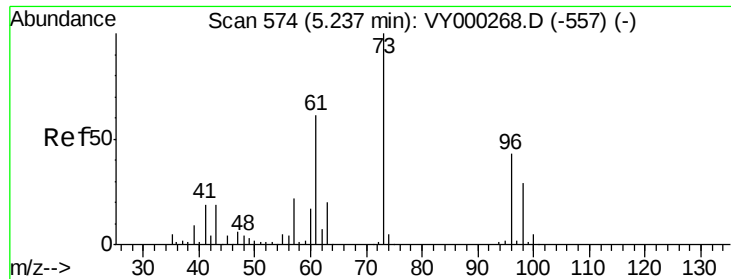
74 23.4 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





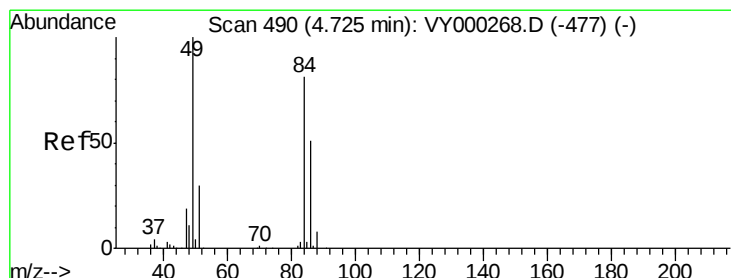
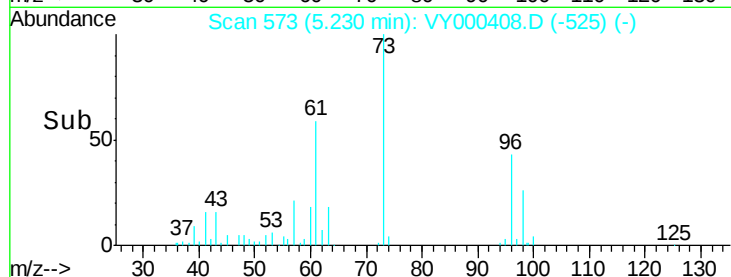
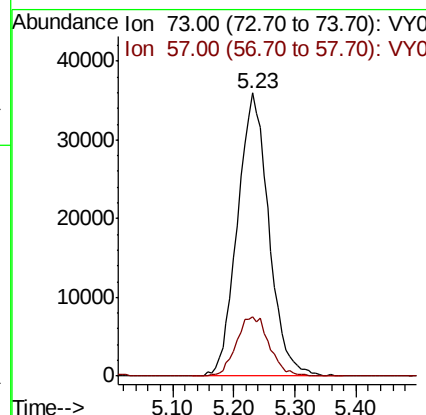
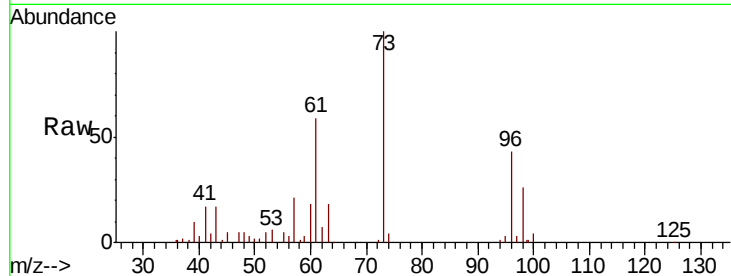
#19
Methyl tert-butyl Ether
Concen: 20.686 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.4	26.0

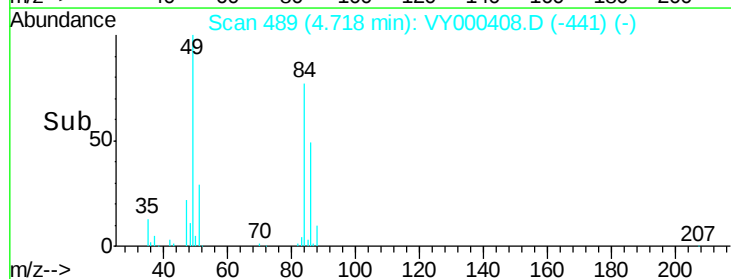
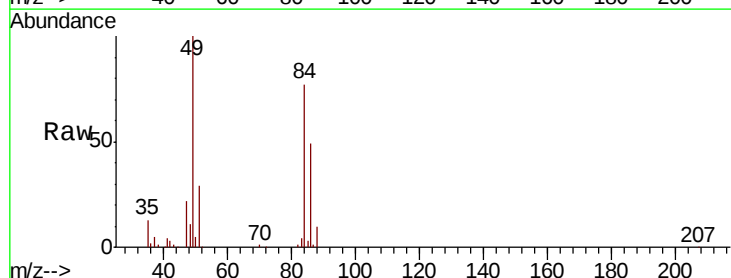
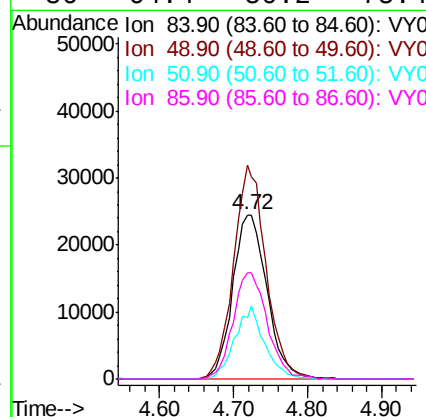
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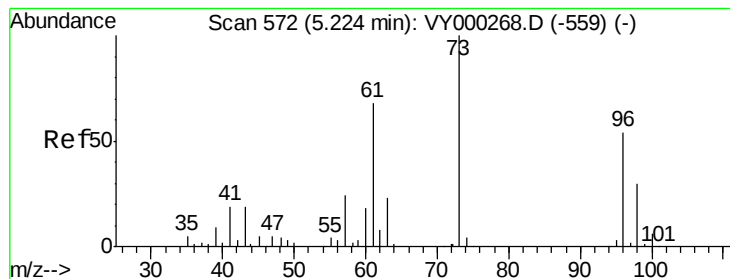
MMDadoda
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#20
Methylene Chloride
Concen: 29.172 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	99.0	148.4
51	37.2	29.3	43.9
86	64.4	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 20.047 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 96 Resp: 50899

Ion Ratio Lower Upper

96 100

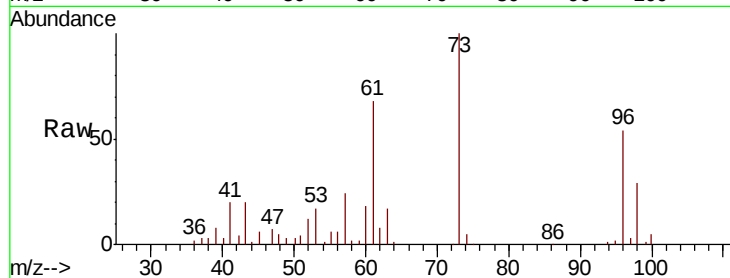
61 127.1 100.4 150.6

98 54.3 44.6 66.8

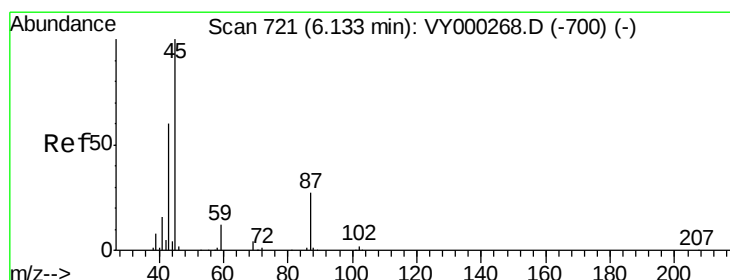
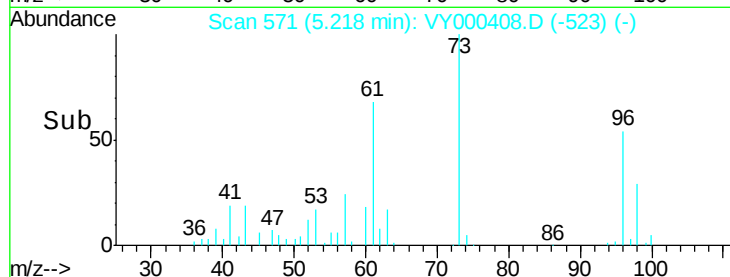
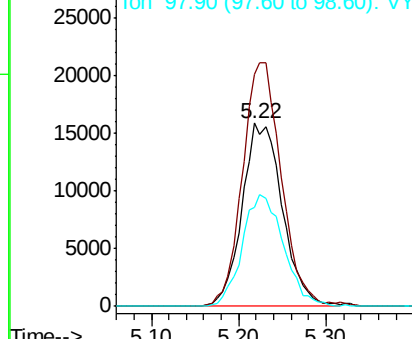
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.365 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion: 45 Resp: 157967

Ion Ratio Lower Upper

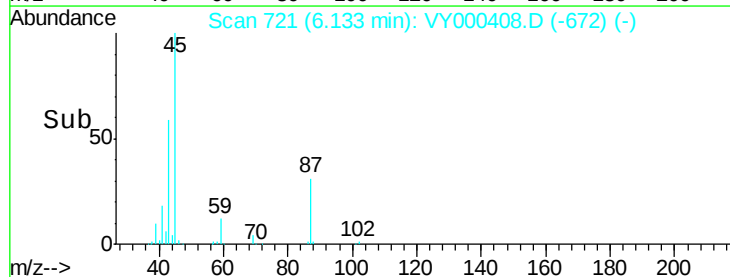
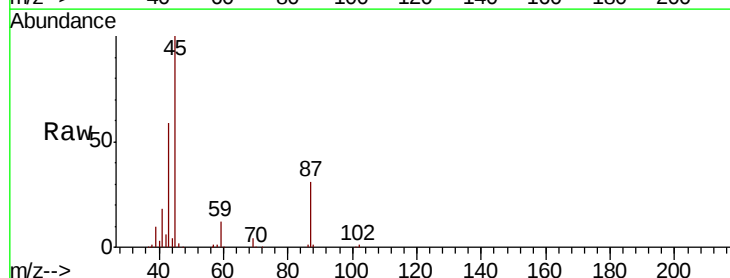
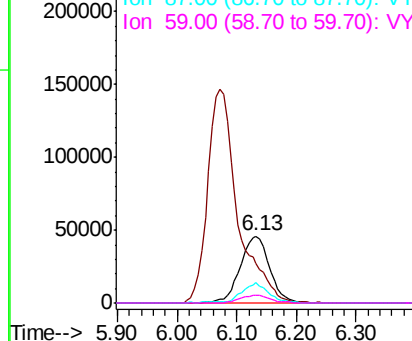
45 100

43 58.3 48.5 72.7

87 30.7 21.5 32.3

59 11.8 9.4 14.0

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 100.887 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 43 Resp: 510521

Ion Ratio Lower Upper

43 100

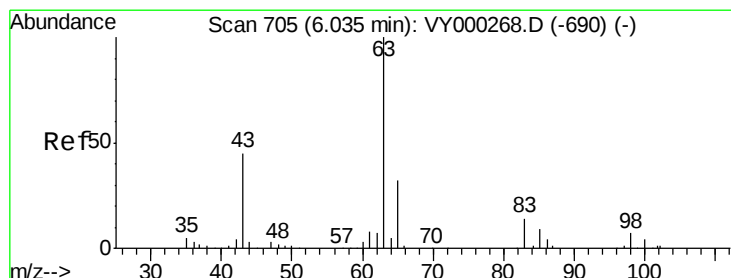
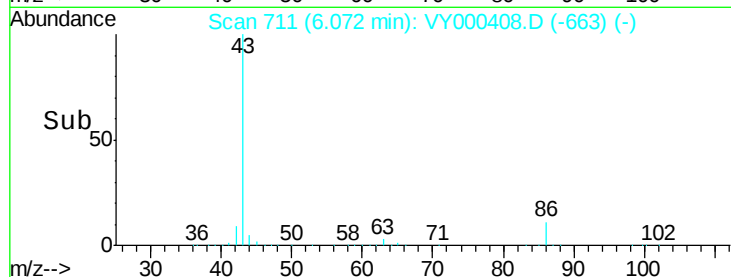
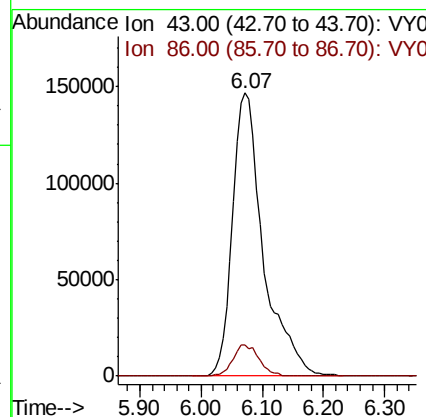
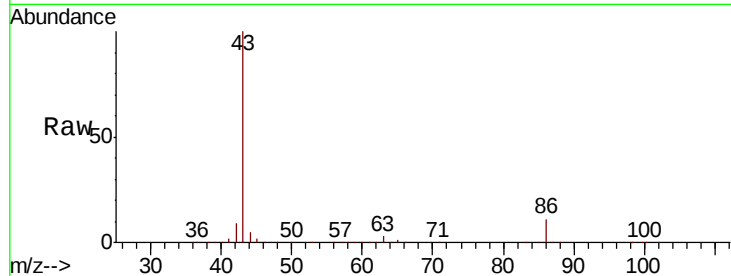
86 11.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.808 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

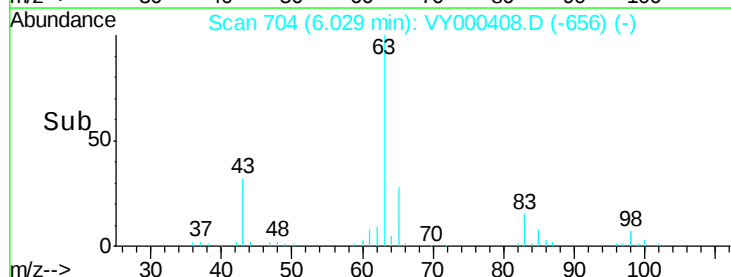
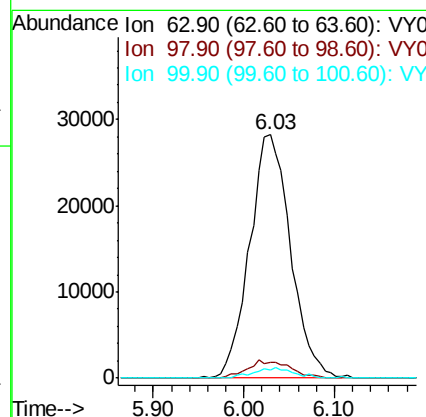
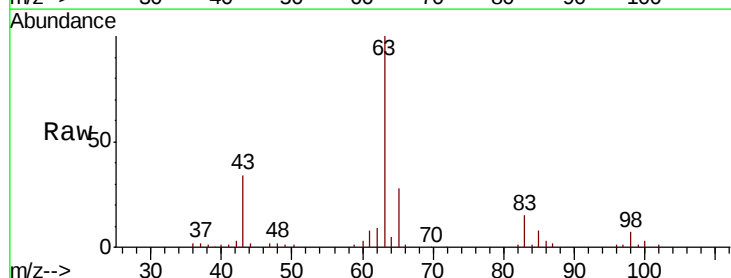
Tgt Ion: 63 Resp: 88098

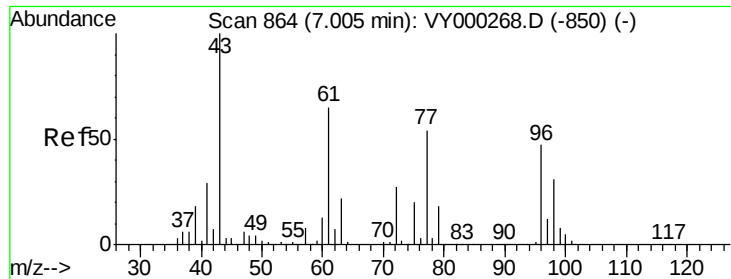
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 3.4 2.1 6.2





#25

2-Butanone

Concen: 97.231 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 43 Resp: 102523

Ion Ratio Lower Upper

43 100

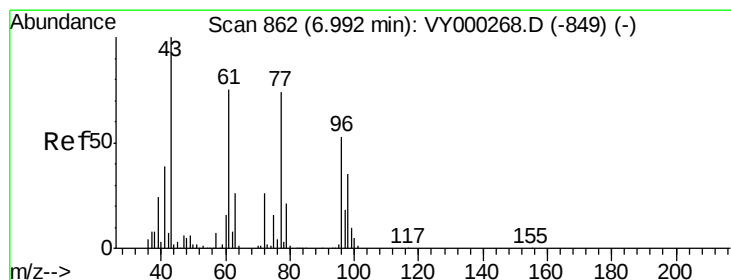
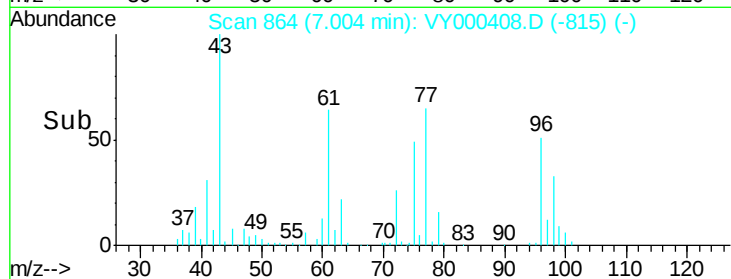
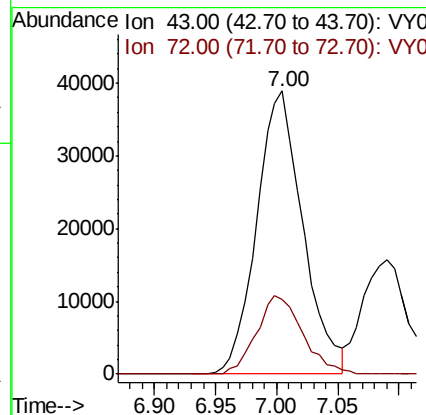
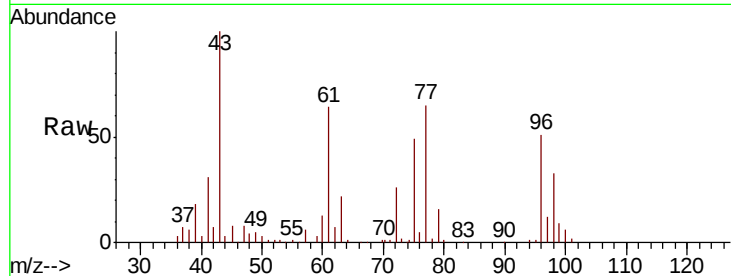
72 26.4 21.4 32.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.752 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000408.D

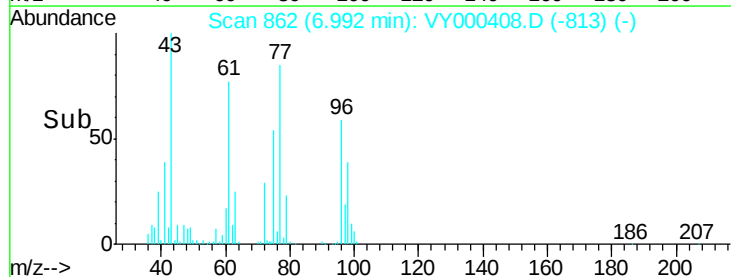
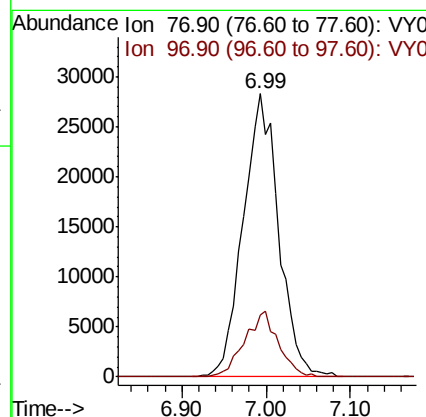
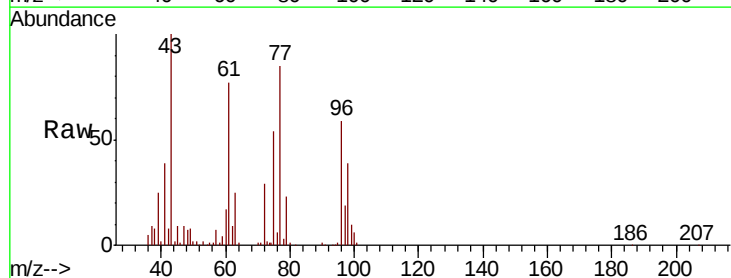
Acq: 24 Oct 2019 14:41

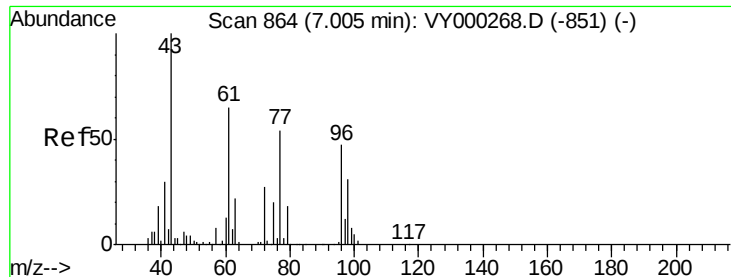
Tgt Ion: 77 Resp: 80961

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.7





#27

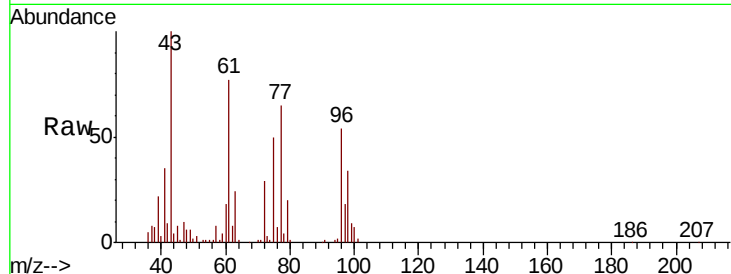
cis-1,2-Dichloroethene
Concen: 20.672 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

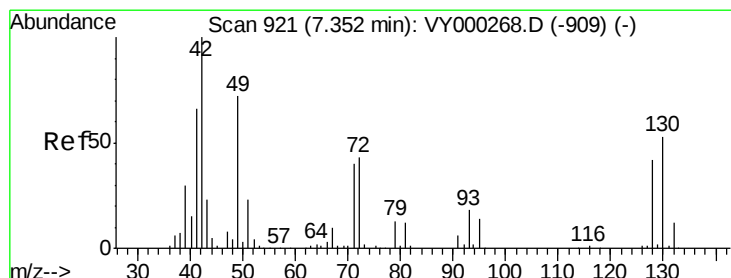
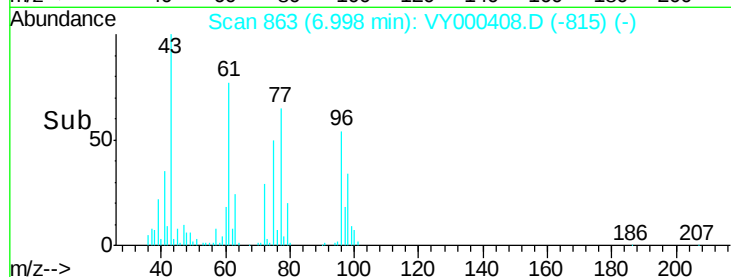
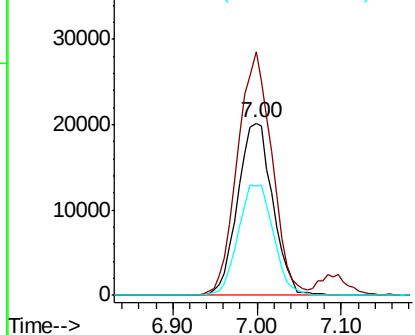
Tot Ion	Ratio	Resp	Lower	Upper
96	100	56796		
61	138.8		0.0	289.8
98	64.0		0.0	131.8

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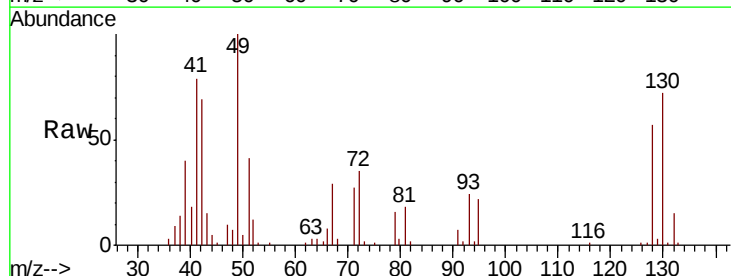
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



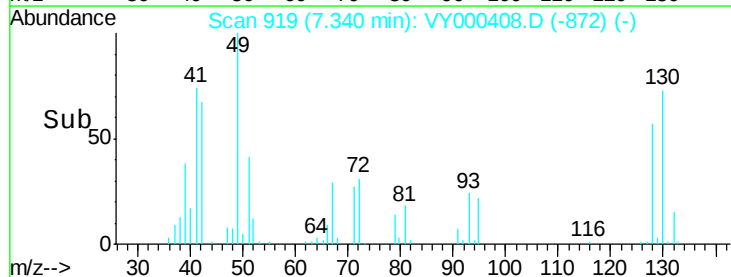
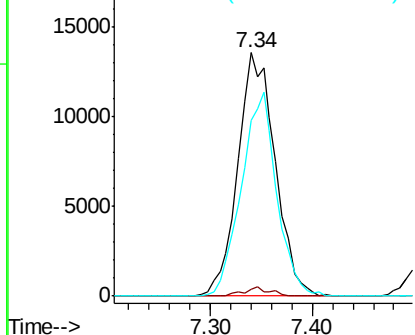
#28

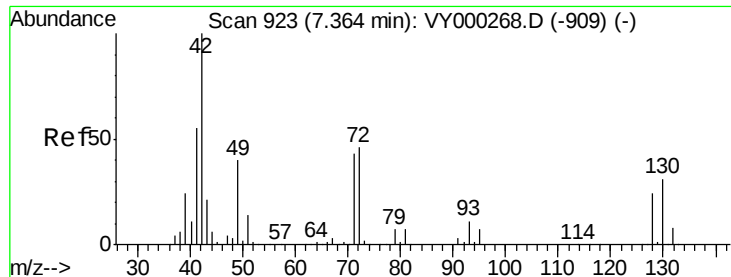
Bromochloromethane
Concen: 18.902 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34356		
129	2.5		0.0	4.0
130	79.4		58.2	87.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





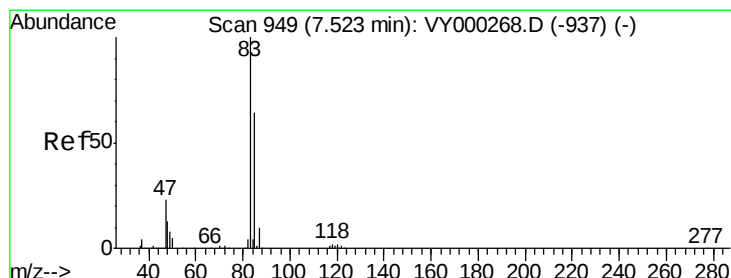
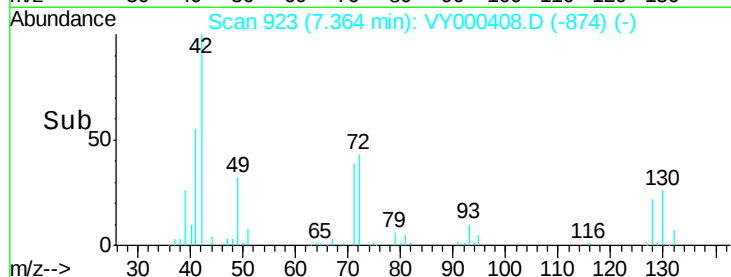
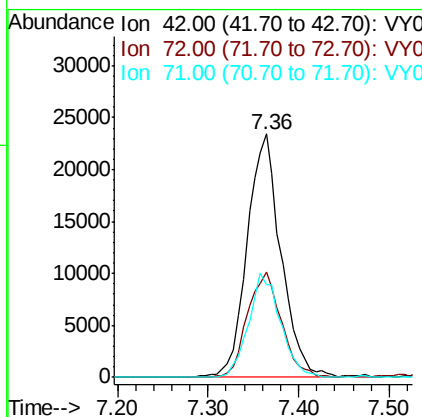
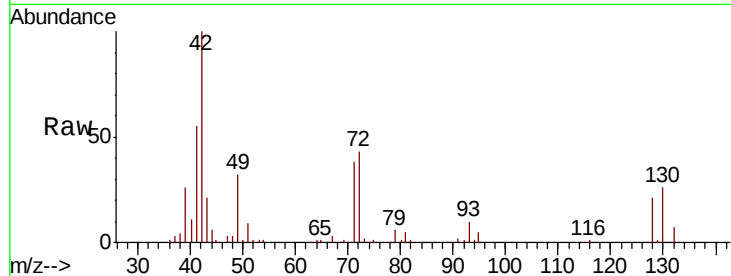
#29
Tetrahydrofuran
Concen: 94.562 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.5	51.7
71	40.4	32.7	49.1

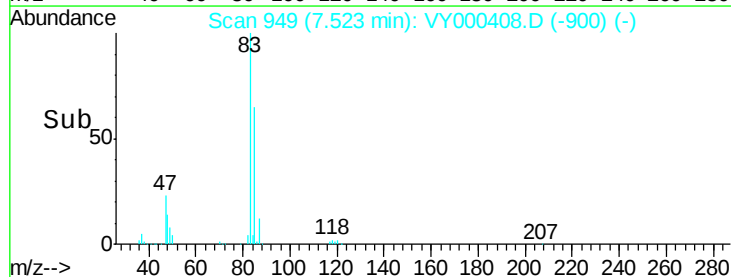
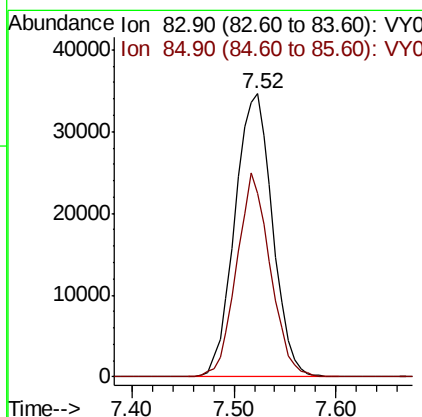
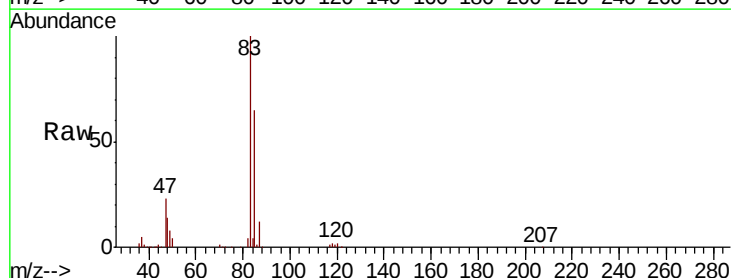
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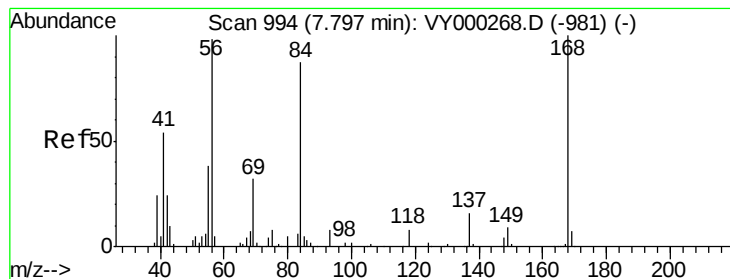
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#30
Chloroform
Concen: 20.707 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2





#31

Cyclohexane

Concen: 19.681 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 56 Resp: 87031

Ion Ratio Lower Upper

56 100

69 34.6 26.3 39.5

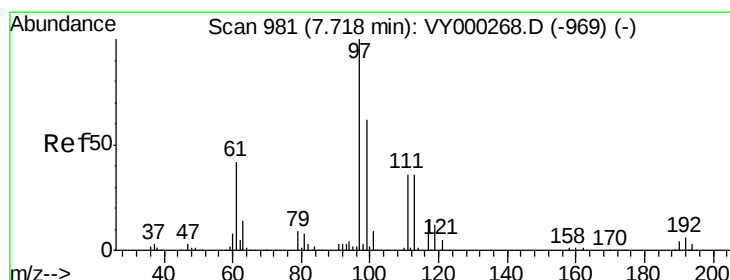
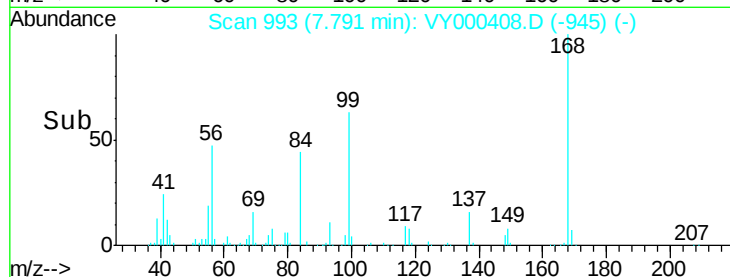
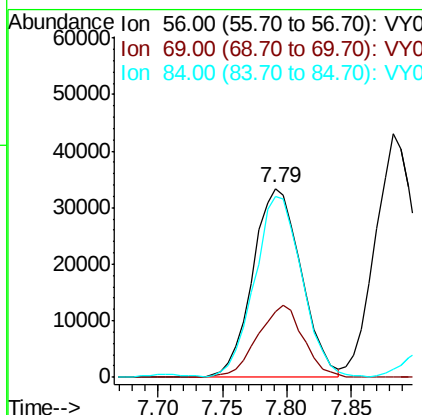
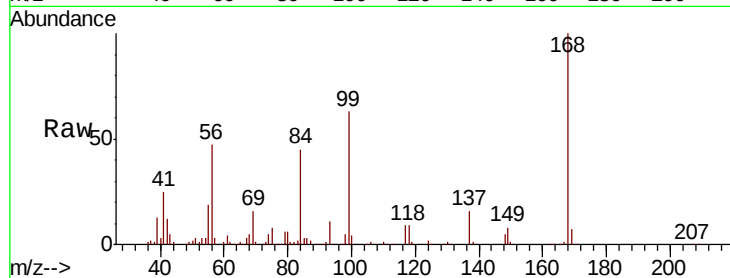
84 94.8 70.8 106.2

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#32

1,1,1-Trichloroethane

Concen: 20.570 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

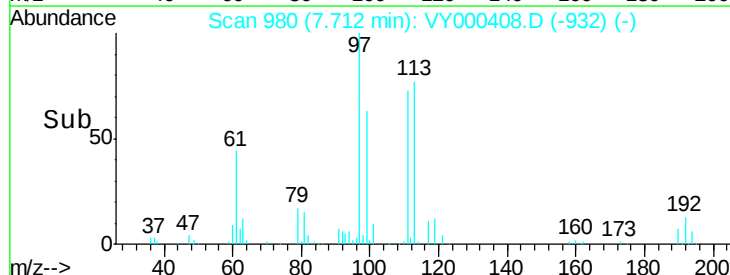
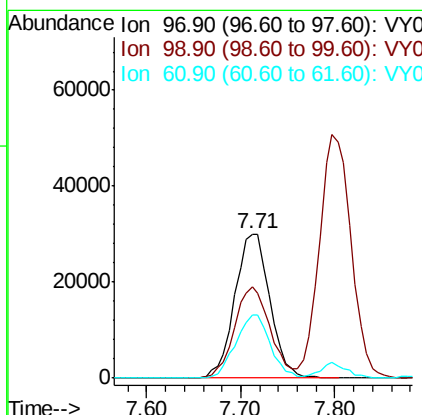
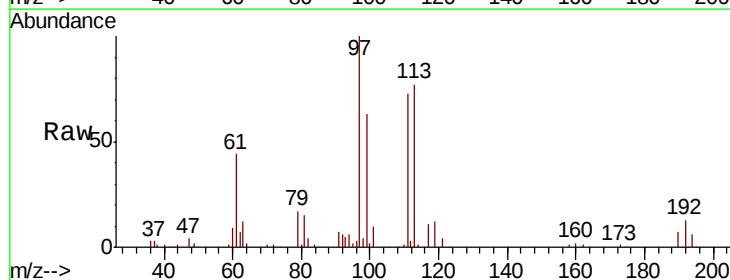
Tgt Ion: 97 Resp: 77973

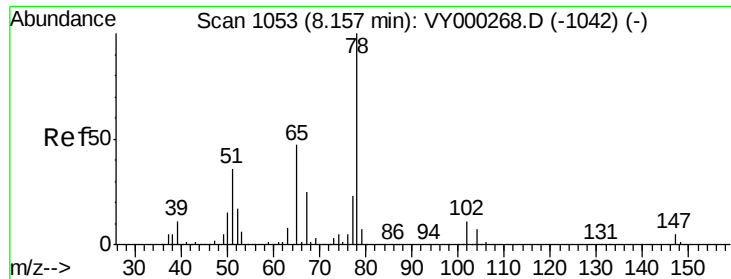
Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

61 43.6 34.5 51.7





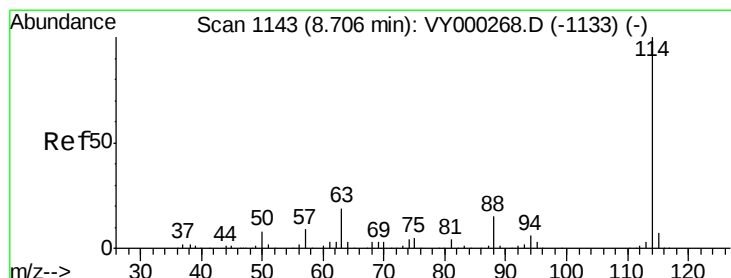
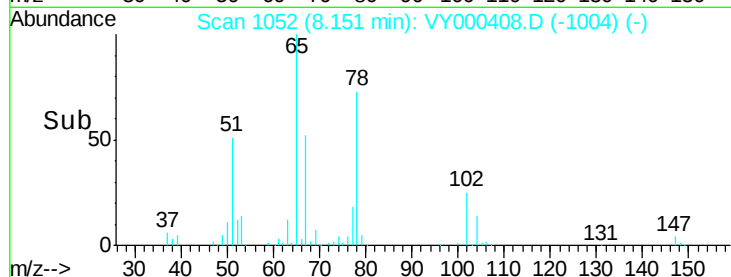
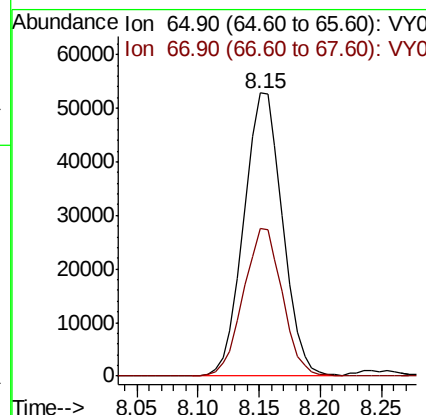
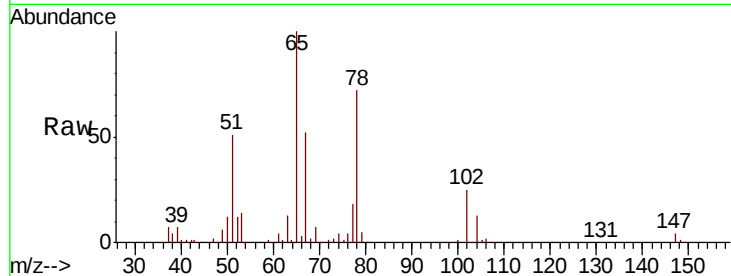
#33
 1,2-Dichloroethane-d4
 Concen: 50.358 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	109.4	

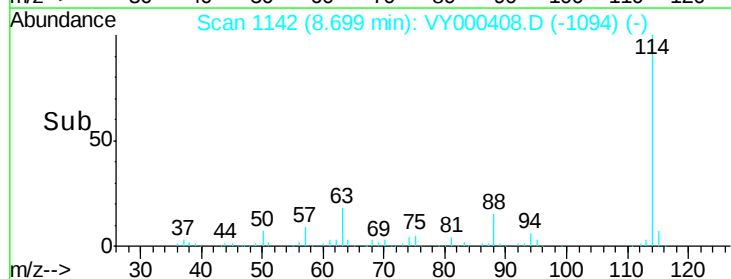
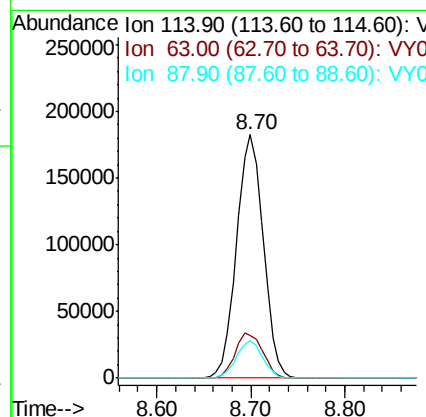
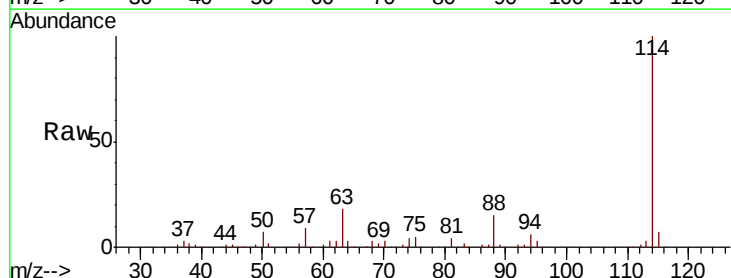
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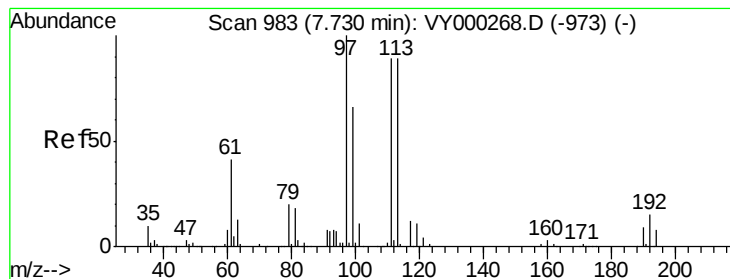
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	37.2	
88	15.2	0.0	30.2	





#35

Dibromofluoromethane

Concen: 48.124 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

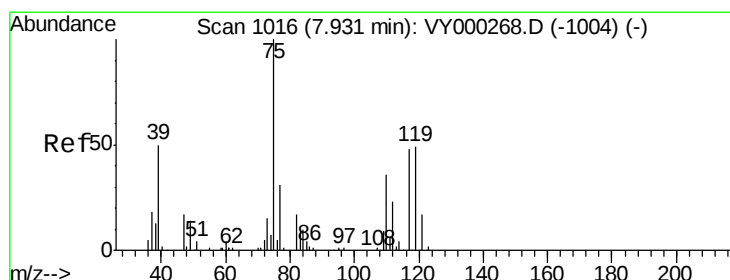
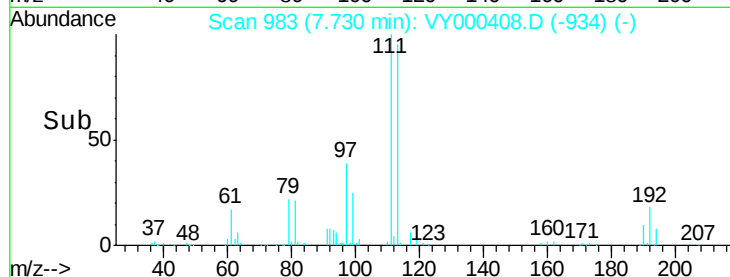
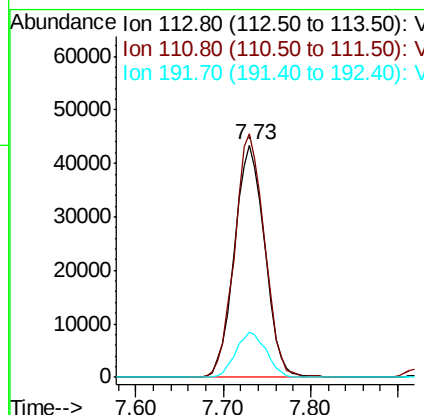
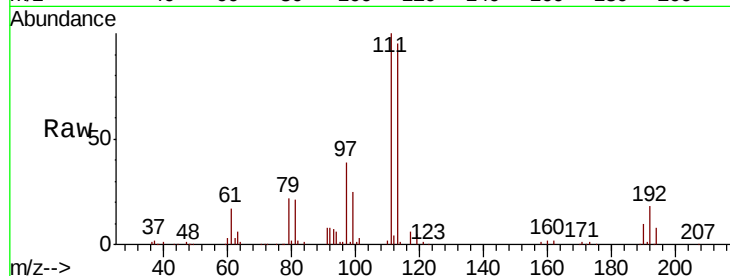
ClientSampleId :

VY1024SBS02

Tot Ion:	113	Resp:	104827
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.6	122.4
192	19.5	15.3	22.9

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#36

1,1-Dichloropropene

Concen: 19.543 ug/l

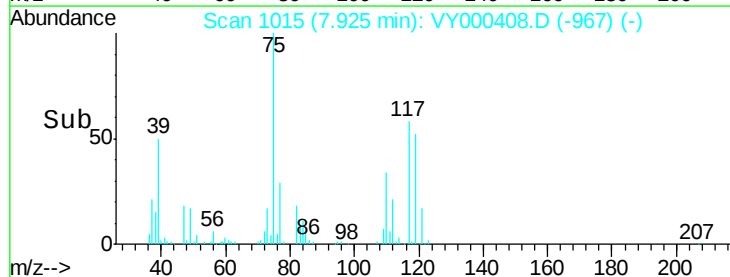
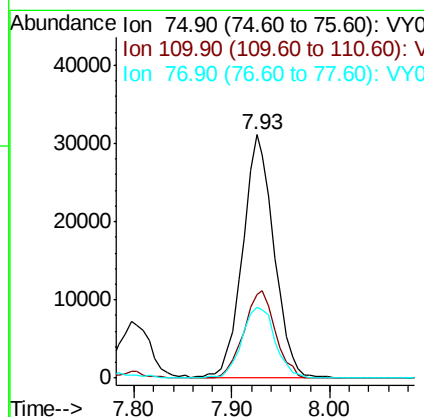
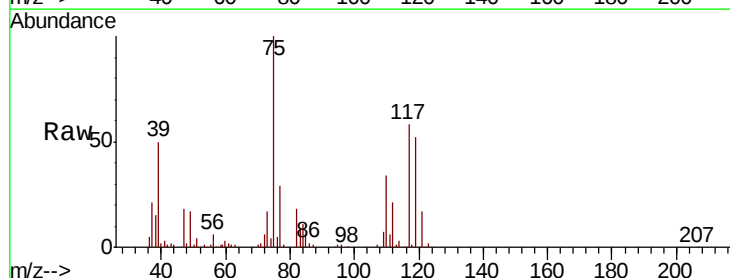
RT: 7.93 min Scan# 1015

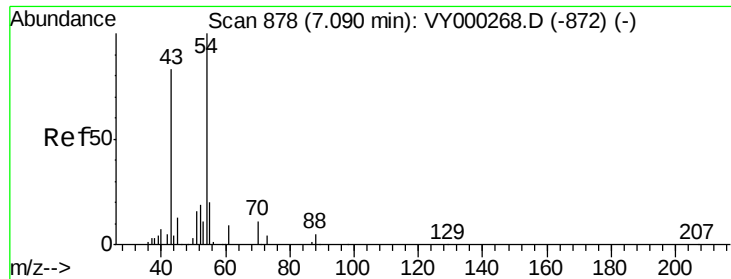
Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	75	Resp:	69096
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.4	55.4
77	31.0	25.0	37.6





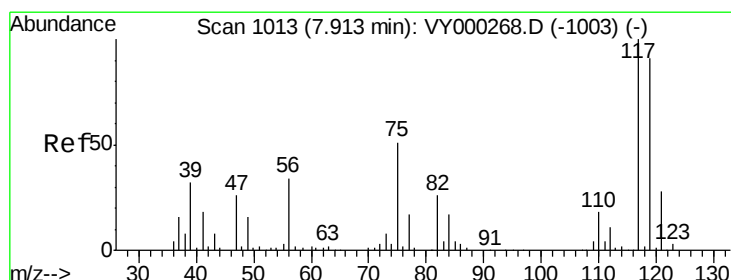
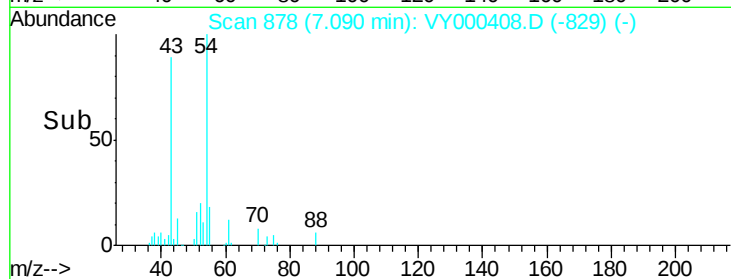
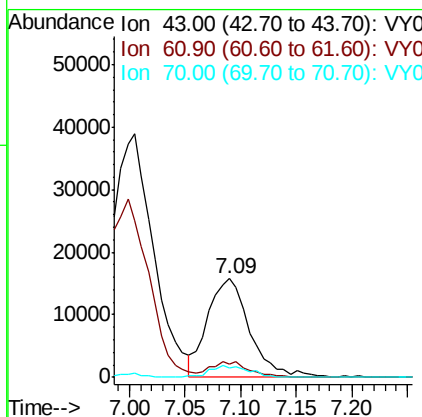
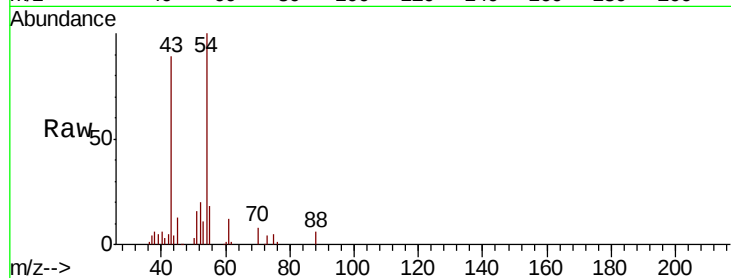
#37
Ethyl Acetate
Concen: 19.670 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	43	Resp	41178
Ion Ratio	100	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	11.4	8.7	13.1

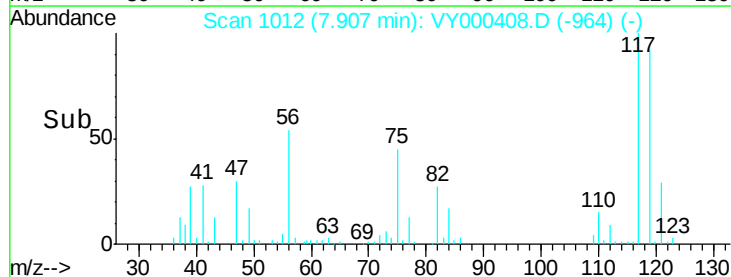
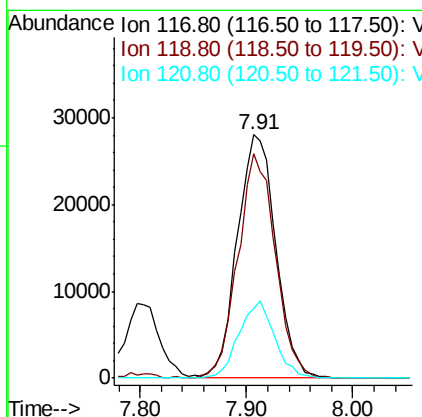
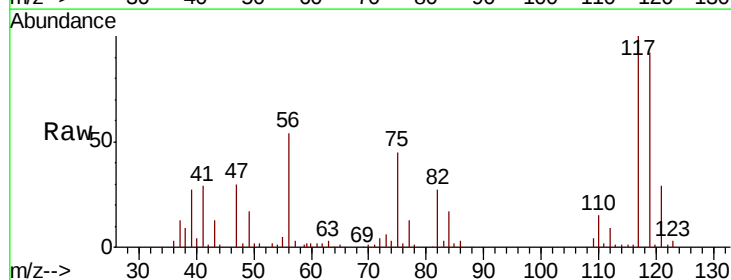
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#38
Carbon Tetrachloride
Concen: 20.823 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	117	Resp	71284
Ion Ratio	100	Lower	Upper
117	100		
119	92.0	72.8	109.2
121	28.5	22.2	33.2





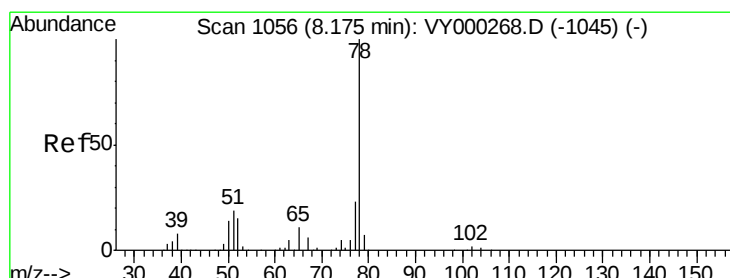
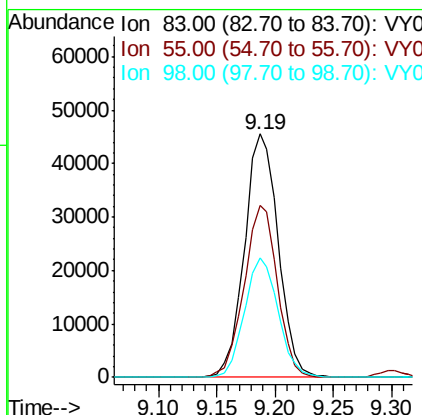
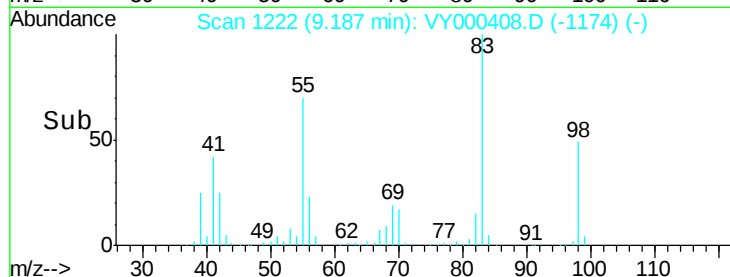
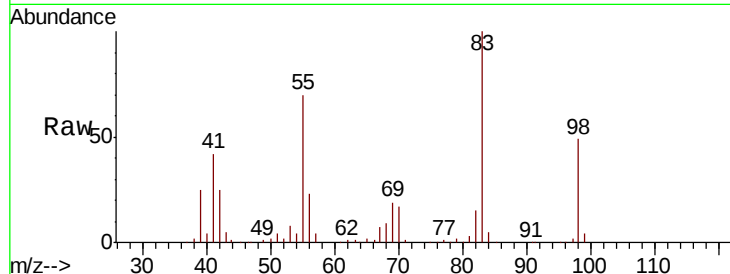
#39
Methylvlcvclohexane
Concen: 19.935 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	83	Resp	92248
Ion Ratio	Lower	Upper	
83	100		
55	70.4	60.9	91.3
98	49.0	41.8	62.6

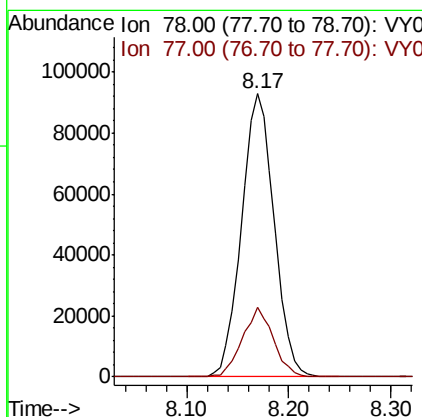
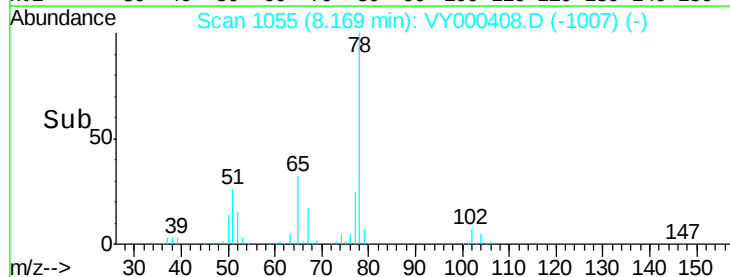
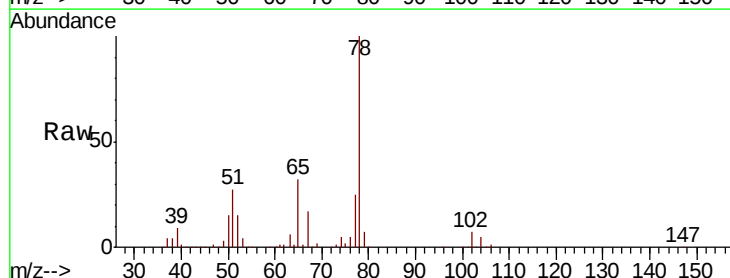
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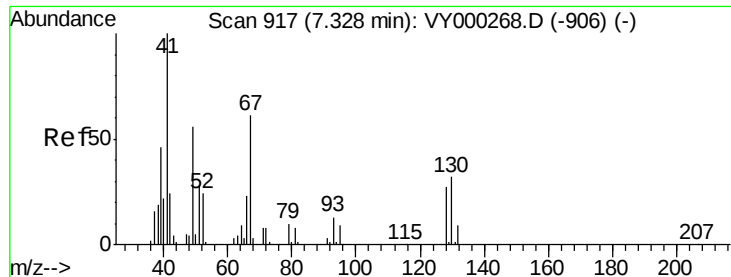
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#40
Benzene
Concen: 20.127 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	78	Resp	205641
Ion Ratio	Lower	Upper	
78	100		
77	24.8	18.8	28.2





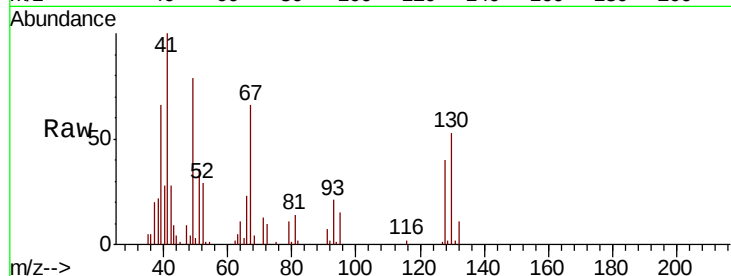
#41
Methacrylonitrile
Concen: 19.487 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

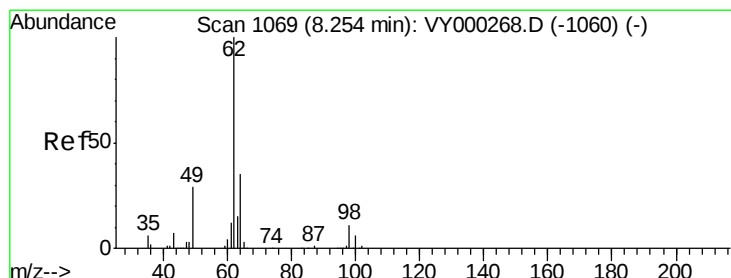
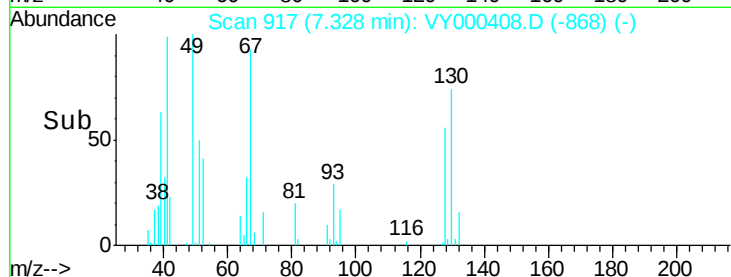
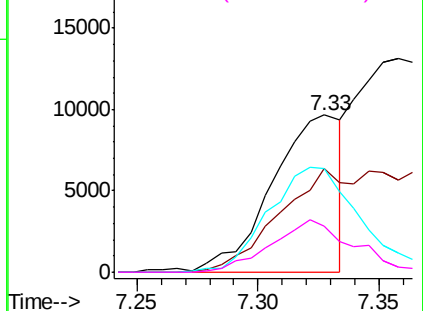
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		19419		
39	0.0	110.2	165.2#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

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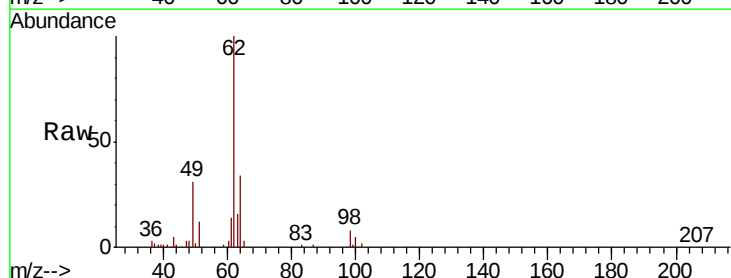


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

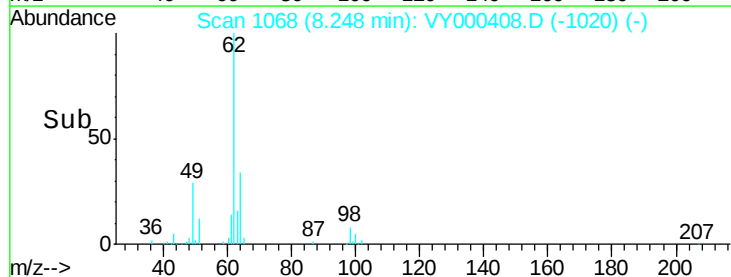
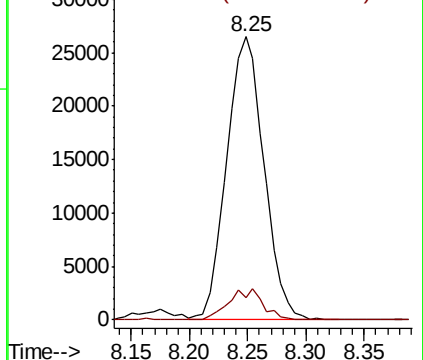


#42
1,2-Dichloroethane
Concen: 20.243 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		59082		
98	10.0	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: 19.941 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

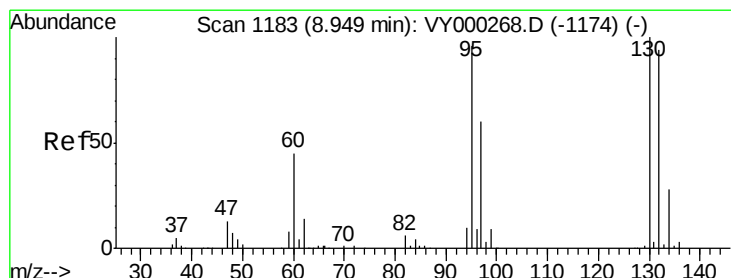
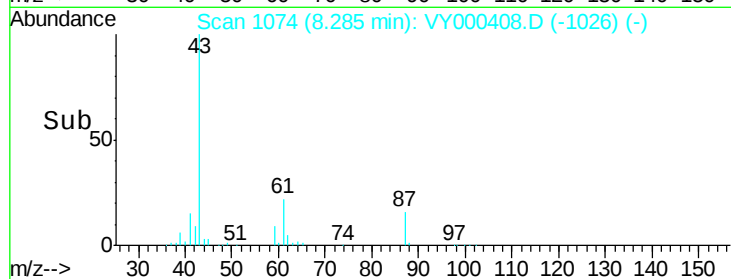
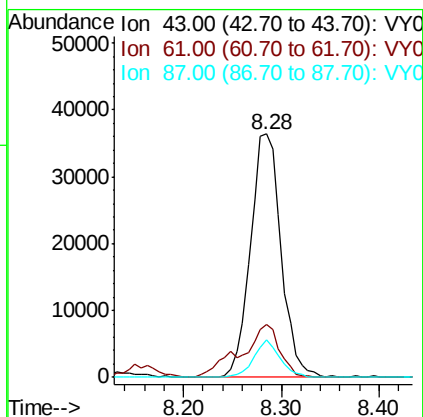
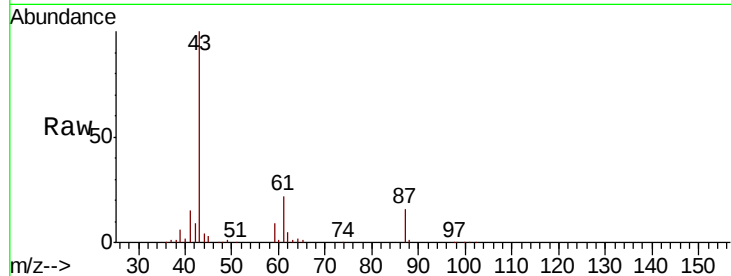
ClientSampleId :

VY1024SBS02

Tot Ion:	43	Resp:	79376
Ion	Ratio	Lower	Upper
43	100		
61	20.5	22.3	33.5#
87	13.2	10.9	16.3

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#44

Trichloroethene

Concen: 20.009 ug/l

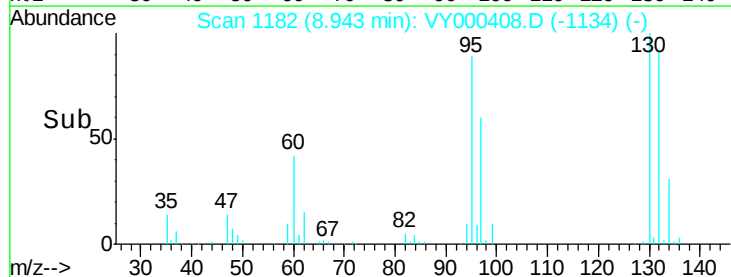
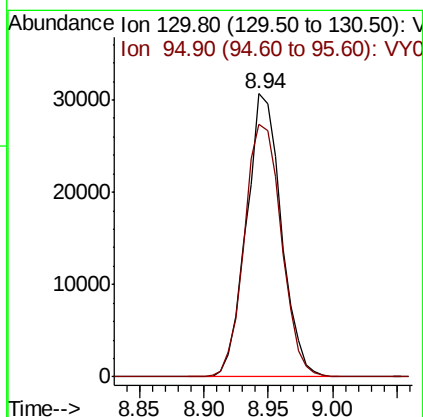
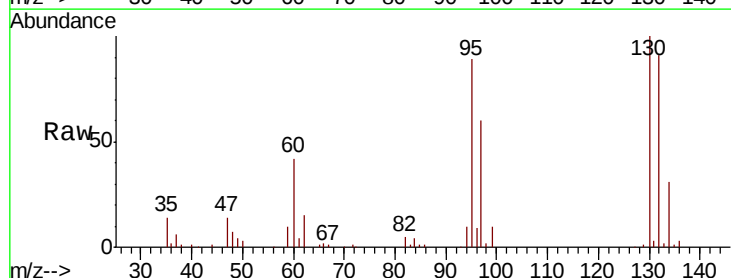
RT: 8.94 min Scan# 1182

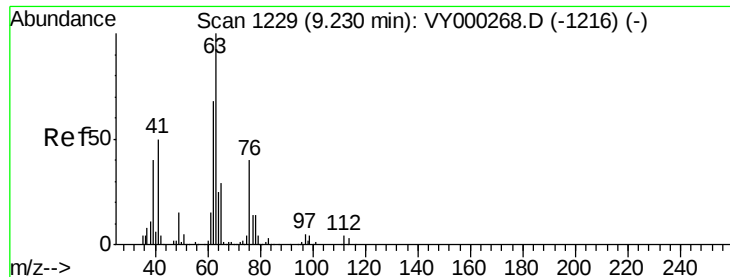
Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	130	Resp:	57363
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	191.4





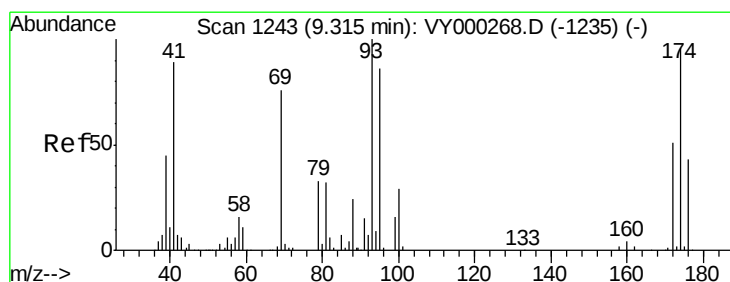
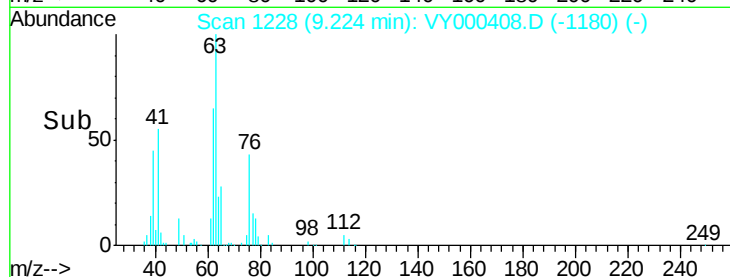
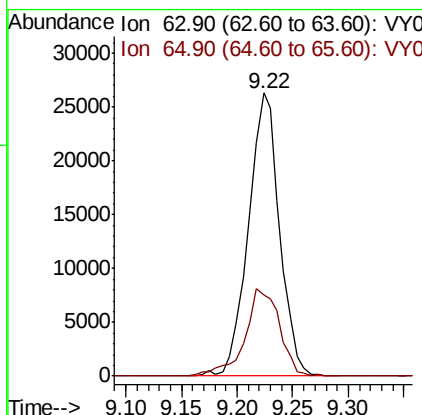
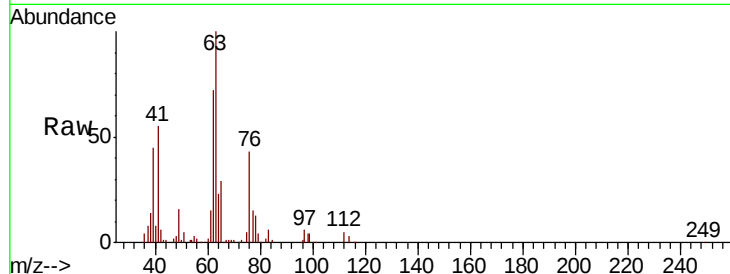
#45
 1,2-Dichloropropane
 Concen: 20.396 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion: 63 Resp: 51140
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.2 34.8

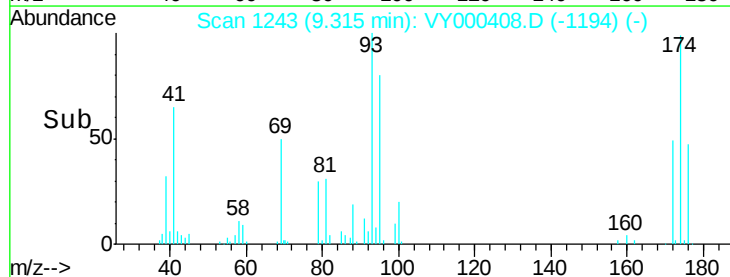
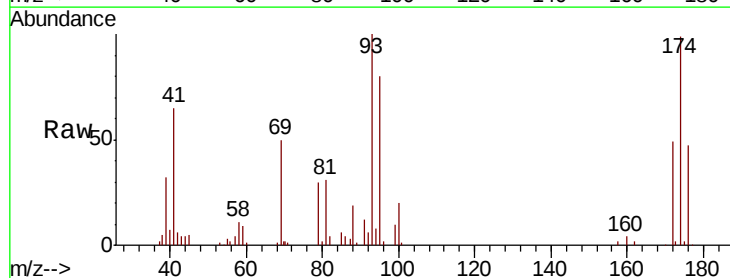
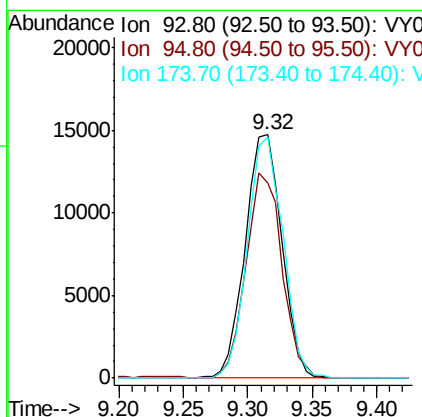
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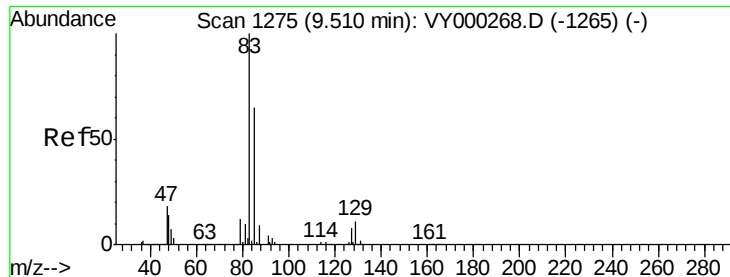
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#46
 Dibromomethane
 Concen: 20.693 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion: 93 Resp: 29004
 Ion Ratio Lower Upper
 93 100
 95 82.8 68.2 102.2
 174 95.7 79.8 119.6





#47

Bromodichloromethane

Concen: 20.175 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

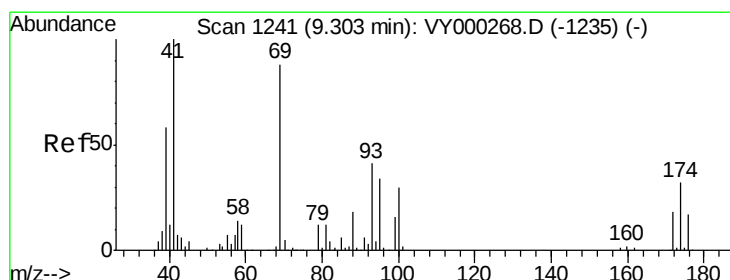
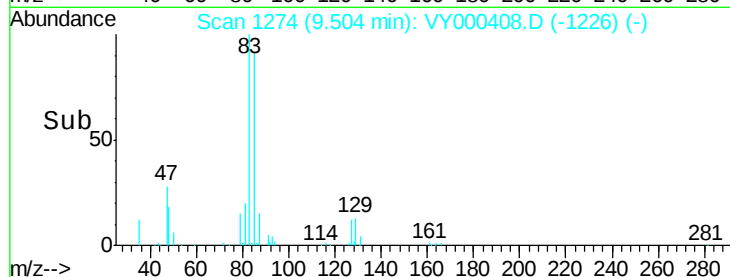
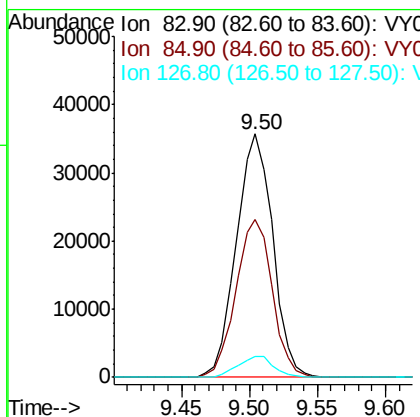
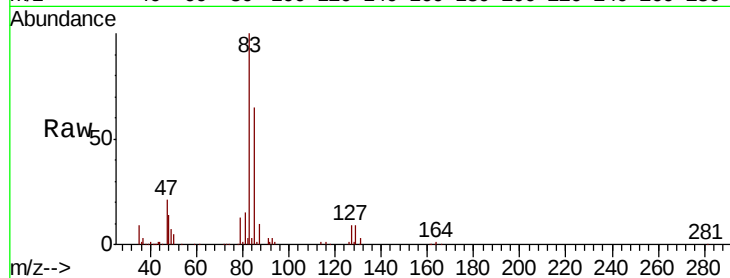
ClientSampleId :

VY1024SBS02

Tot Ion:	83	Resp:	66643
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.2
127	8.7	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.072 ug/l

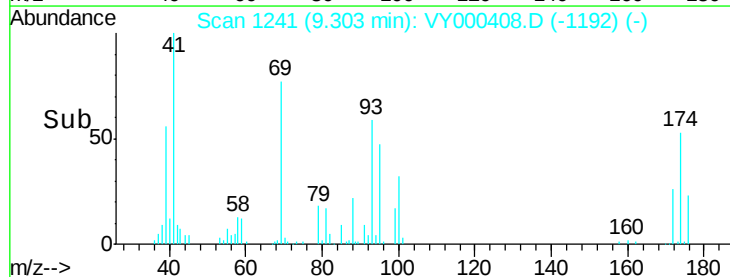
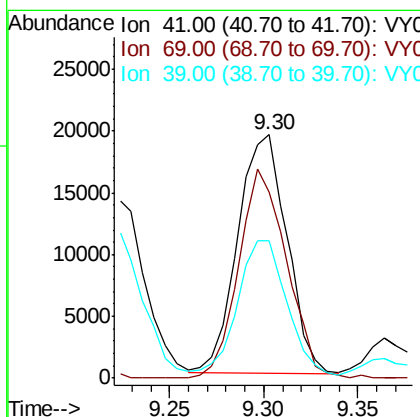
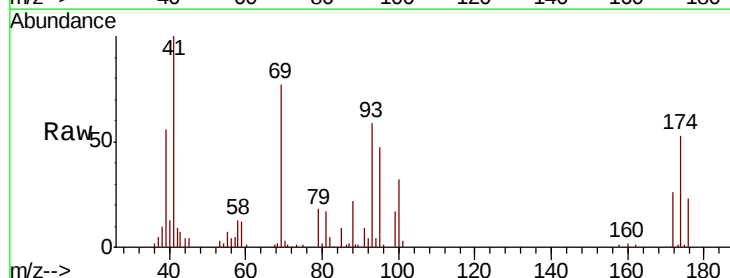
RT: 9.30 min Scan# 1241

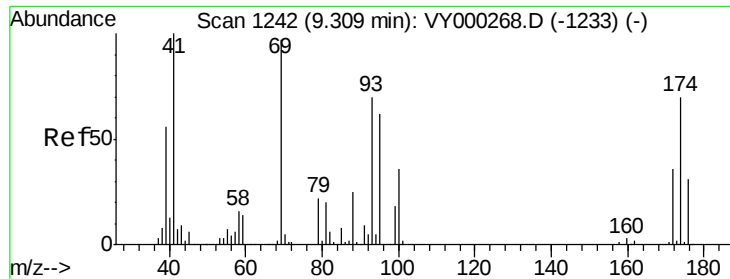
Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	41	Resp:	35015
Ion	Ratio	Lower	Upper
41	100		
69	85.7	70.0	105.0
39	55.7	47.7	71.5





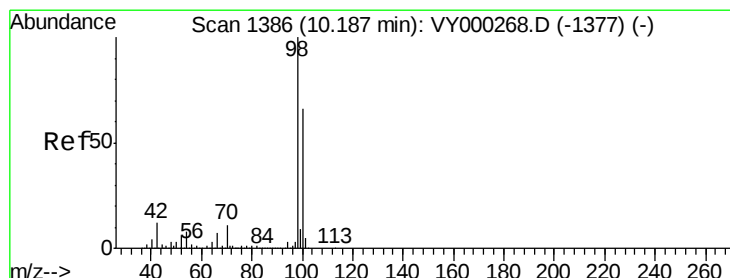
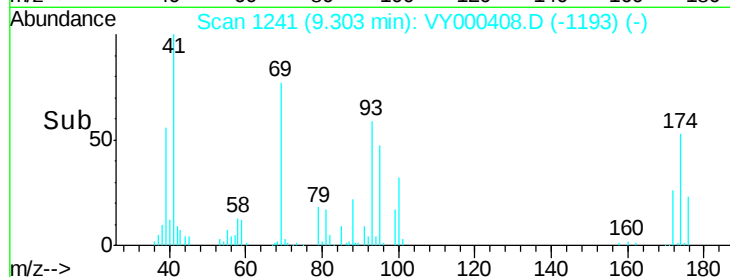
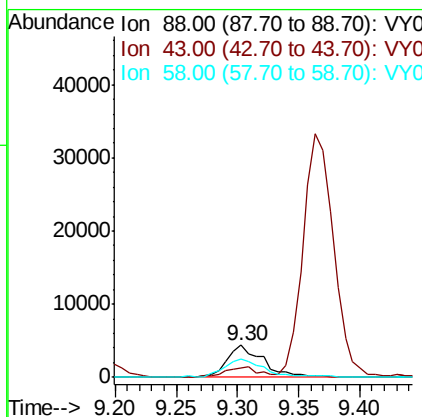
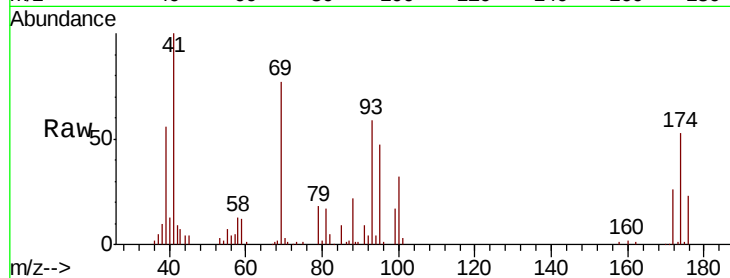
#49
 1,4-Dioxane
 Concen: 425.003 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	88	Resp	8932
Ion Ratio	100	Lower	Upper
88	100		
43	31.1	25.6	38.4
58	64.5	54.6	81.8

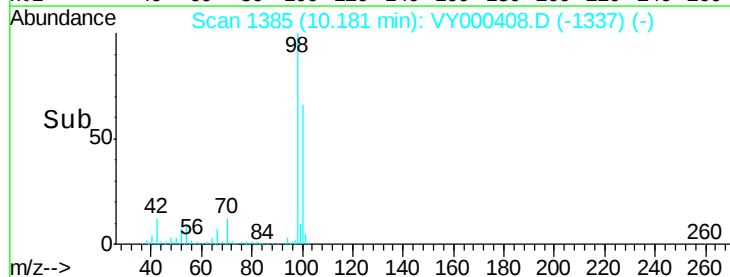
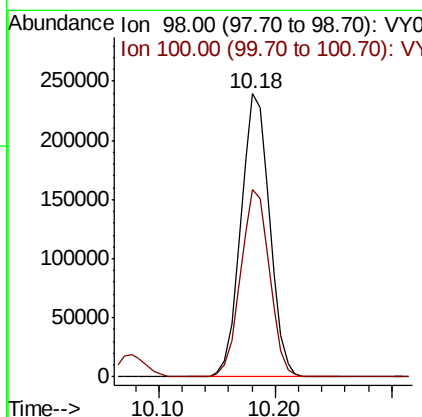
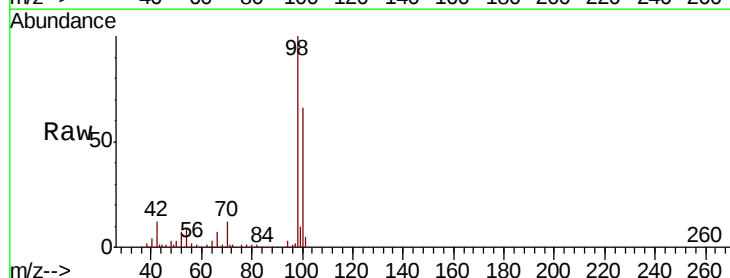
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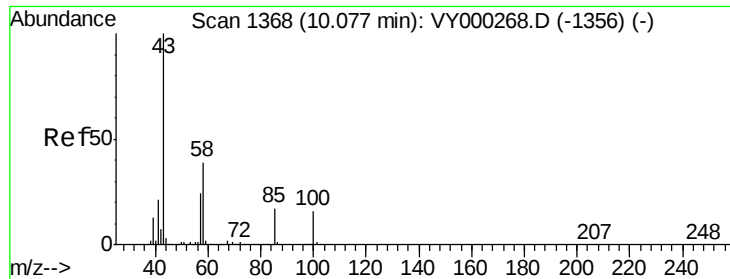
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#50
 Toluene-d8
 Concen: 49.104 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	98	Resp	411461
Ion Ratio	100	Lower	Upper
98	100		
100	66.6	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 100.575 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 43 Resp: 206489

Ion Ratio Lower Upper

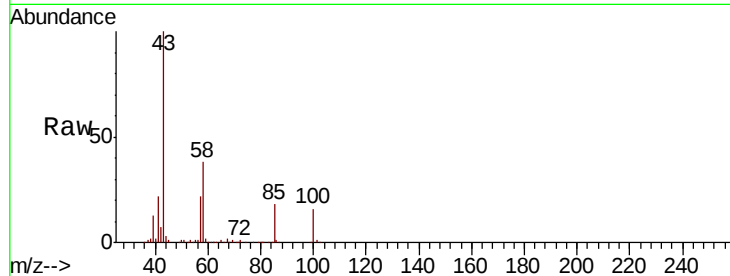
43 100

58 38.3 31.0 46.6

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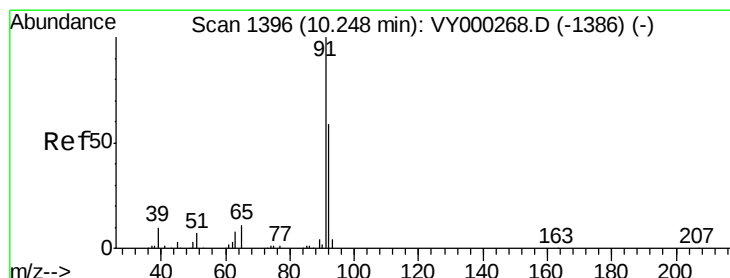
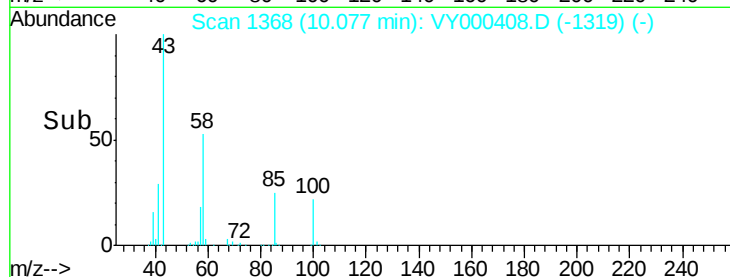
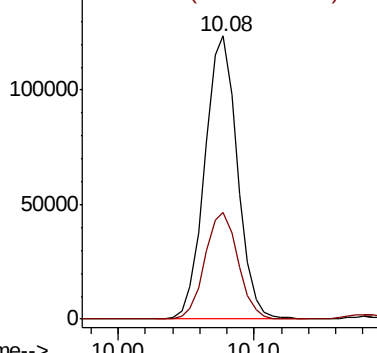
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.844 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000408.D

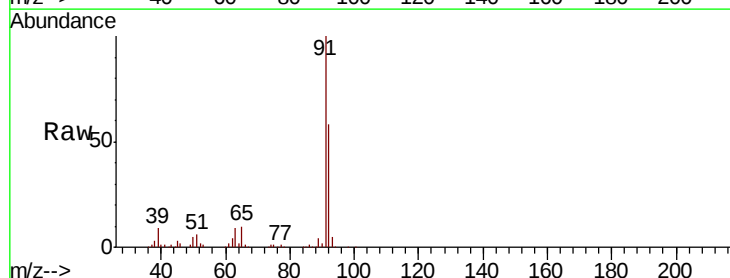
Acq: 24 Oct 2019 14:41

Tgt Ion: 92 Resp: 128730

Ion Ratio Lower Upper

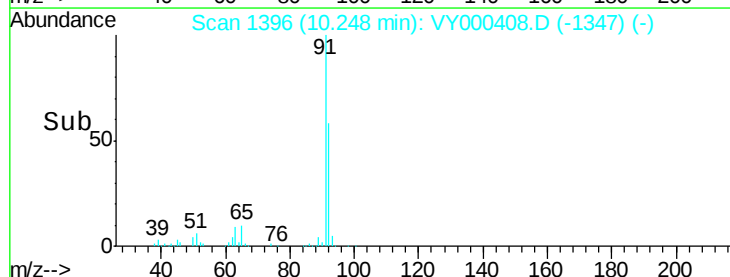
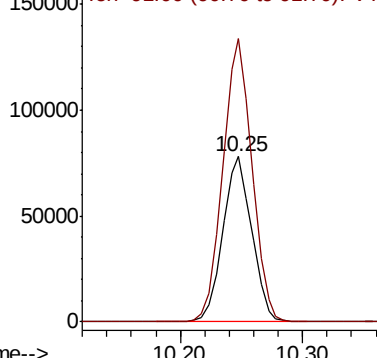
92 100

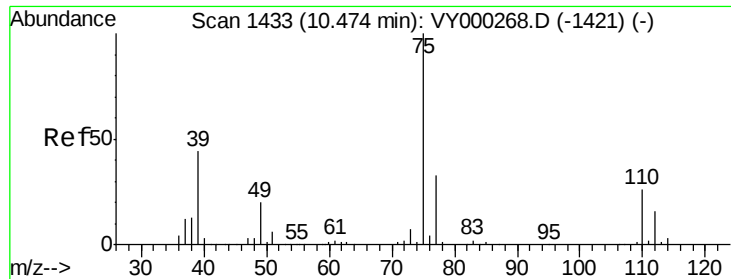
91 173.1 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





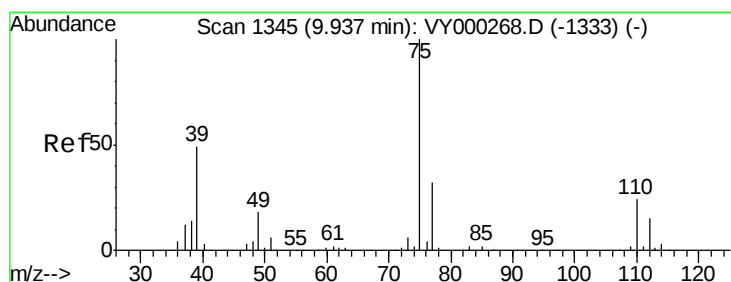
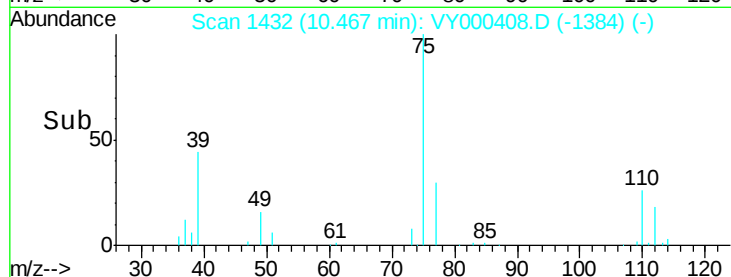
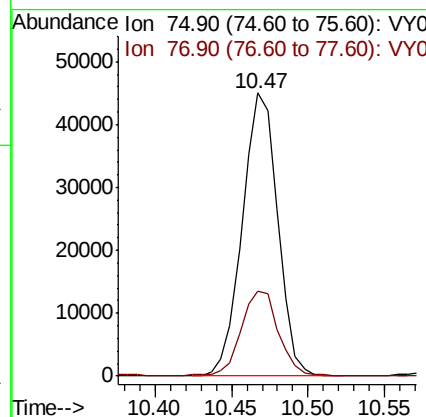
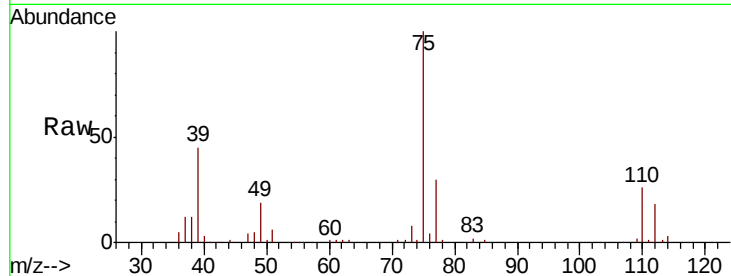
#53
t-1,3-Dichloropropene
Concen: 20.437 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion: 75 Resp: 72350
Ion Ratio Lower Upper
75 100
77 29.8 26.0 39.0

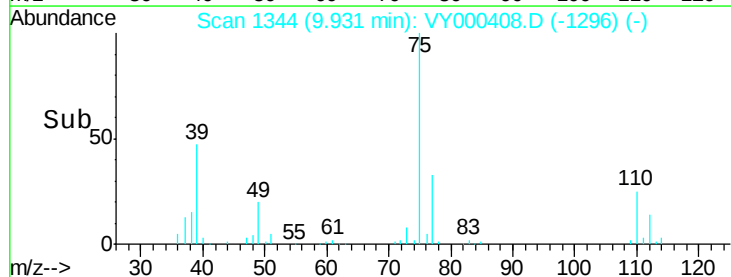
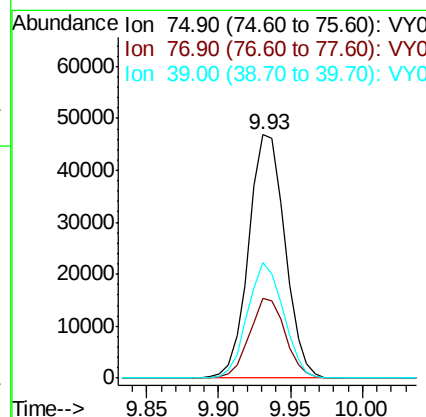
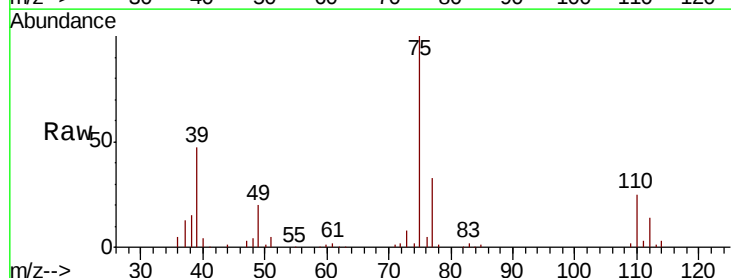
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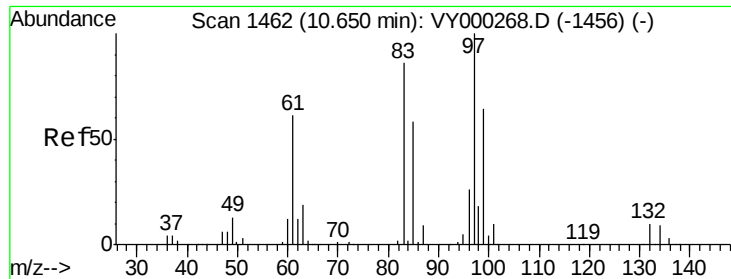
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#54
cis-1,3-Dichloropropene
Concen: 20.291 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion: 75 Resp: 81579
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0
39 47.5 38.8 58.2





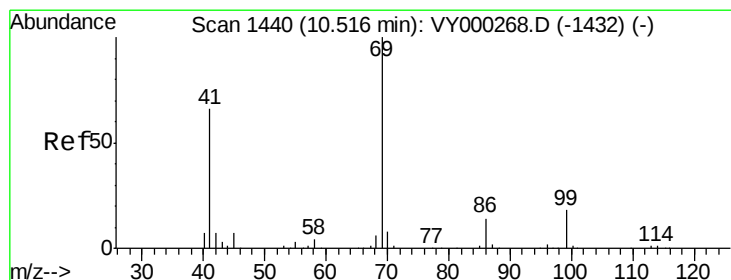
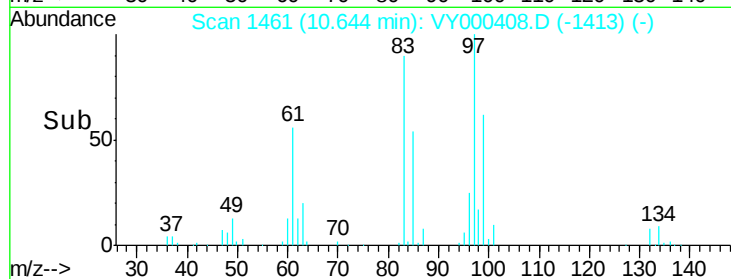
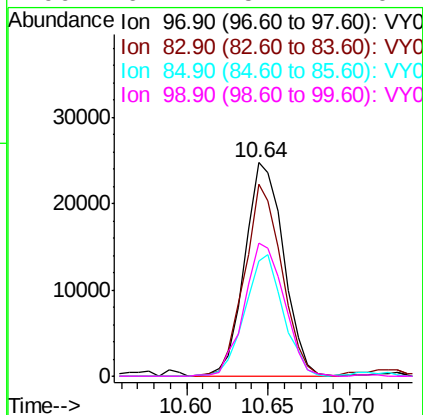
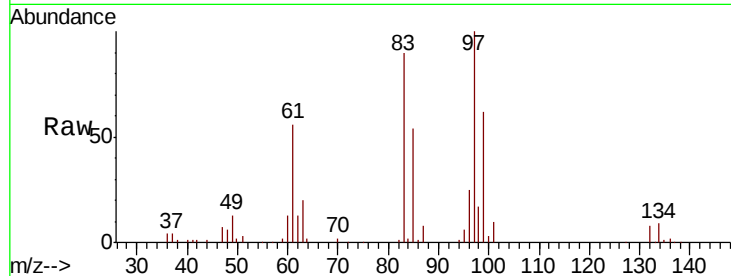
#55
 1,1,2-Trichloroethane
 Concen: 20.096 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion:	97	Resp:	40956
Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.0	103.6
85	54.0	46.2	69.4
99	62.1	51.1	76.7

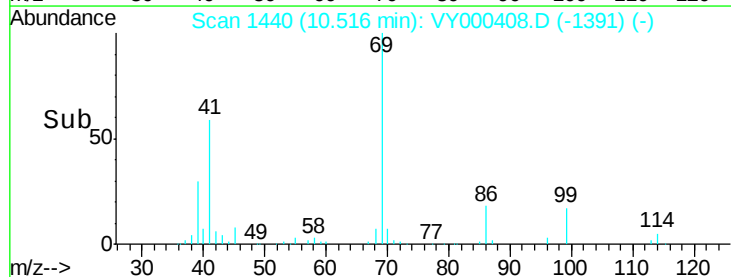
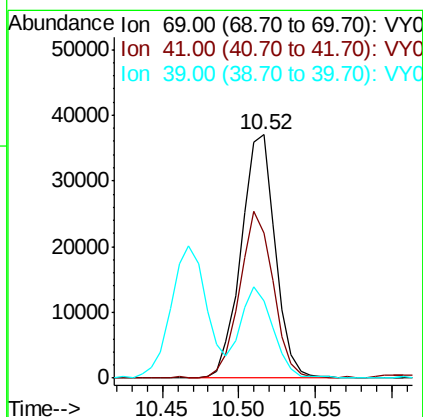
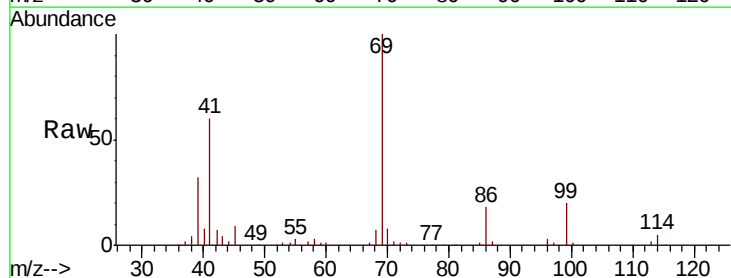
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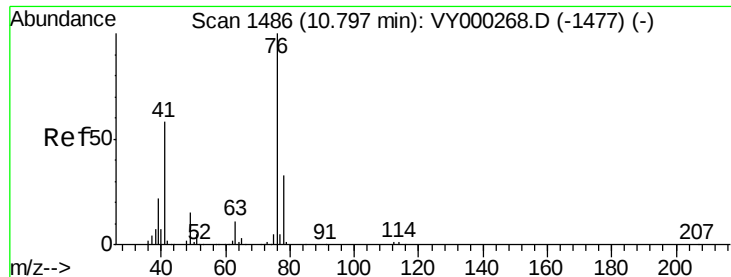
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#56
 Ethyl methacrylate
 Concen: 19.720 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion:	69	Resp:	57285
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.5	78.7
39	35.8	26.7	40.1





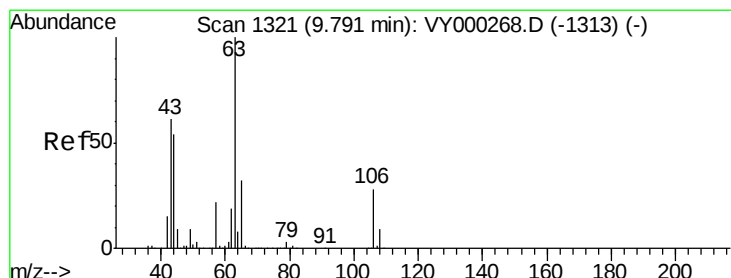
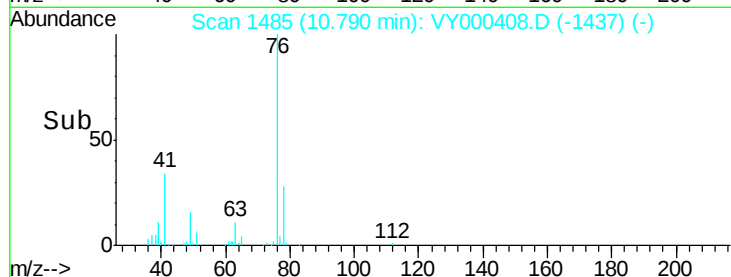
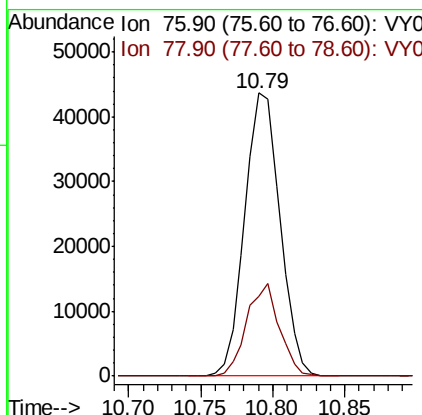
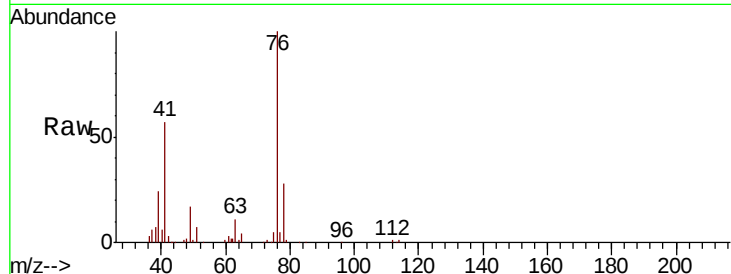
#57
 1,3-Dichloropropane
 Concen: 21.197 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.2	26.2	39.2

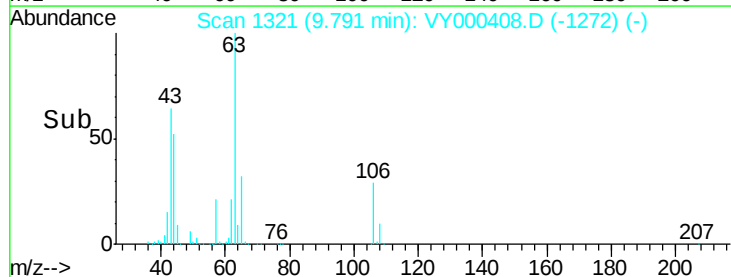
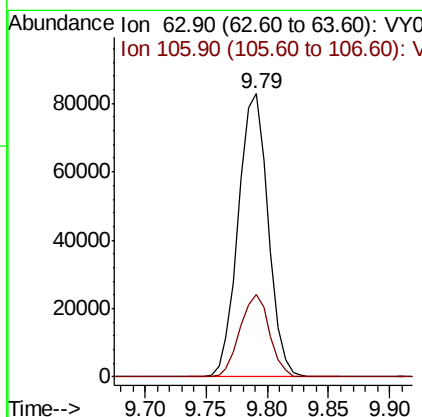
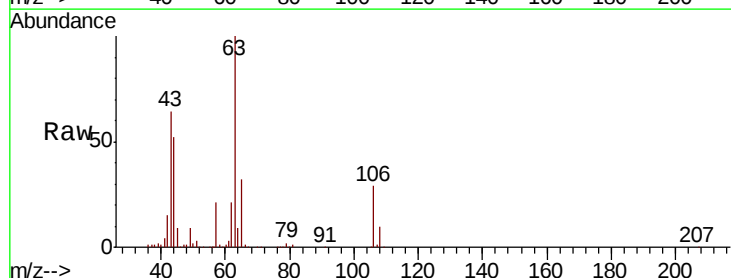
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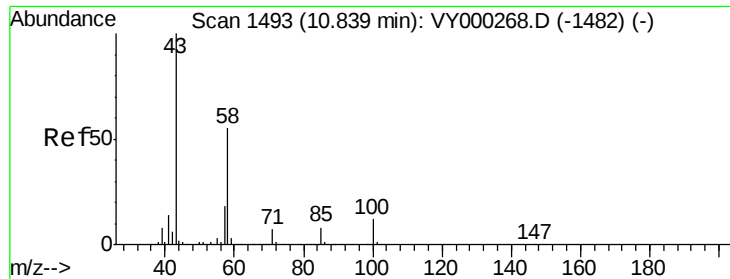
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#58
 2-Chloroethyl Vinyl ether
 Concen: 121.043 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.0	34.4





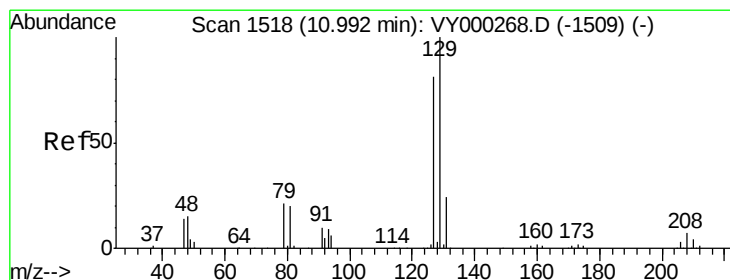
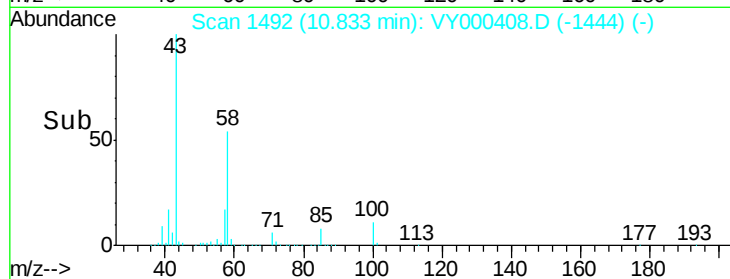
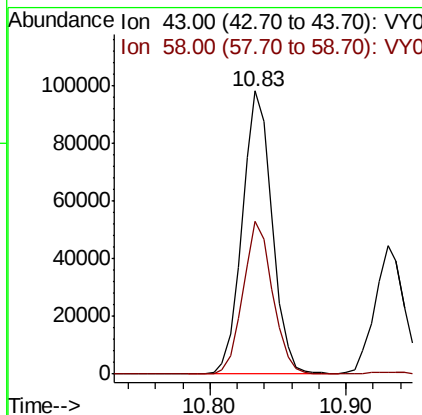
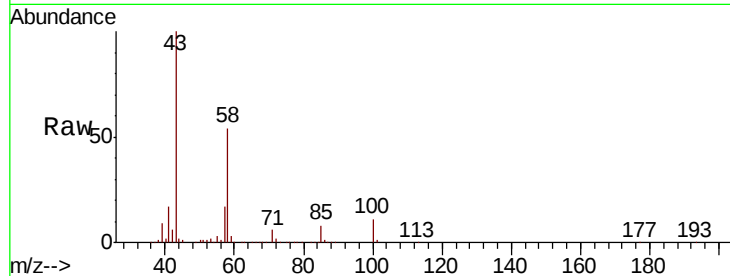
#59
2-Hexanone
Concen: 104.604 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion: 43 Resp: 150743
Ion Ratio Lower Upper
43 100
58 53.3 27.7 83.1

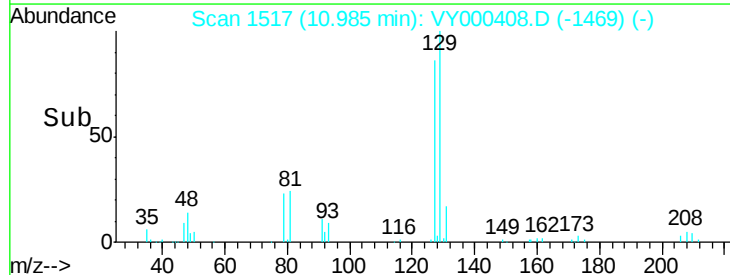
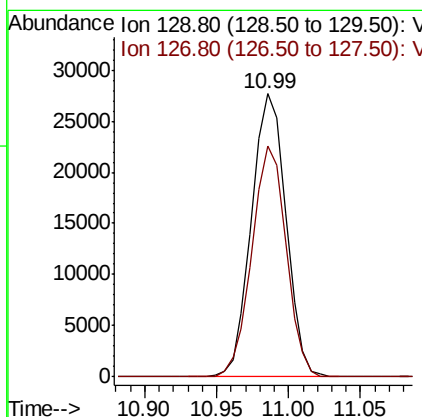
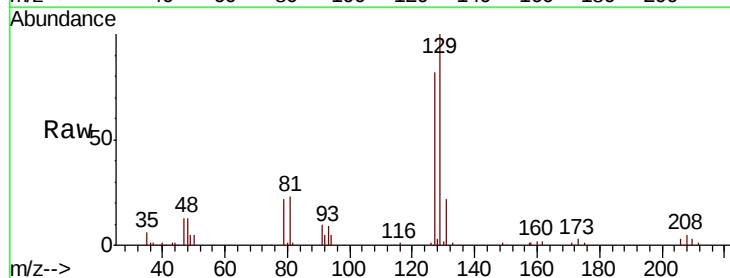
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#60
Dibromochloromethane
Concen: 20.323 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion: 129 Resp: 45906
Ion Ratio Lower Upper
129 100
127 81.0 39.9 119.7





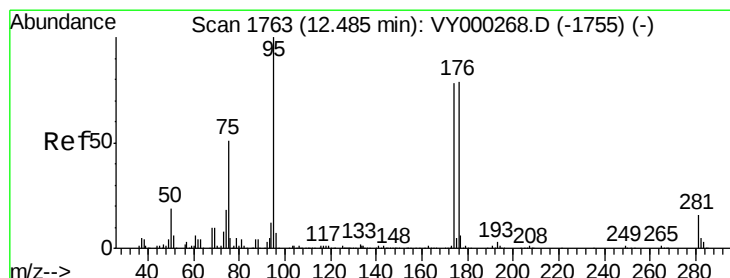
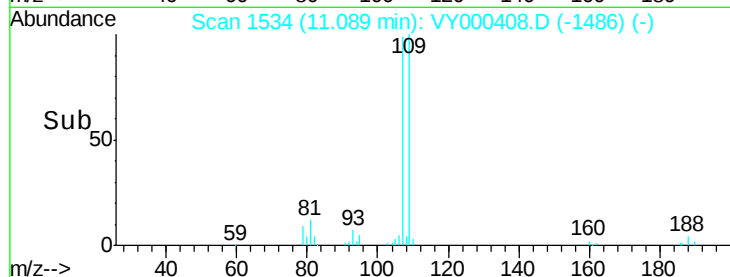
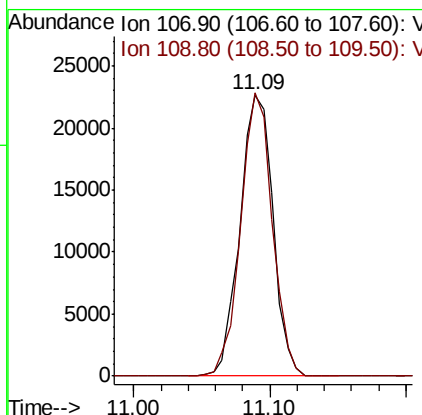
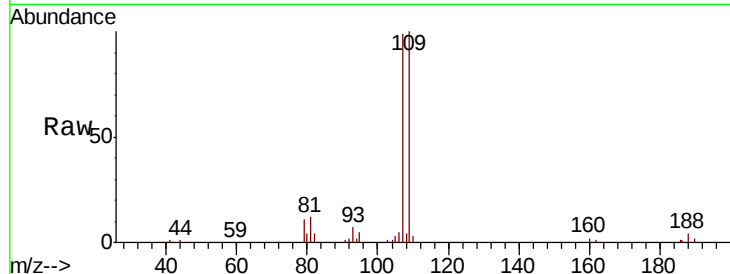
#61
 1,2-Dibromoethane
 Concen: 19.674 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.1	112.7

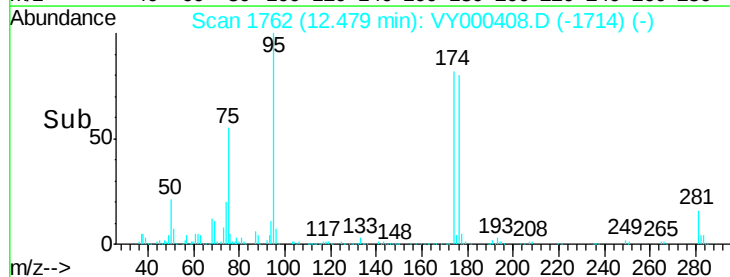
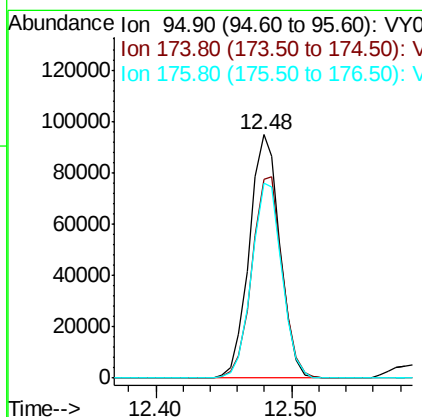
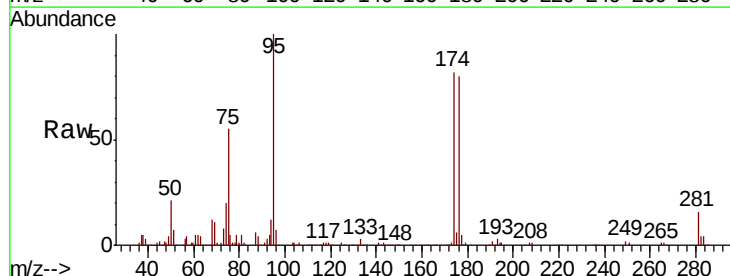
Manual Integrations
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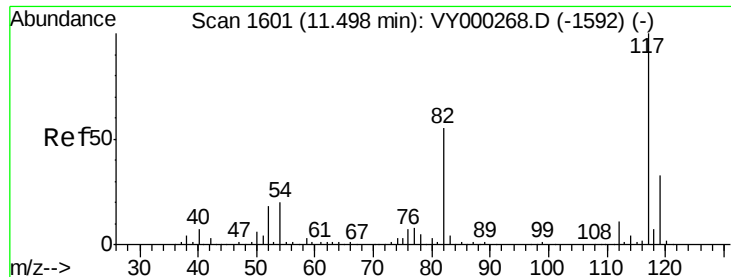
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#62
 4-Bromofluorobenzene
 Concen: 47.021 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	159.6
176	79.0	0.0	153.8





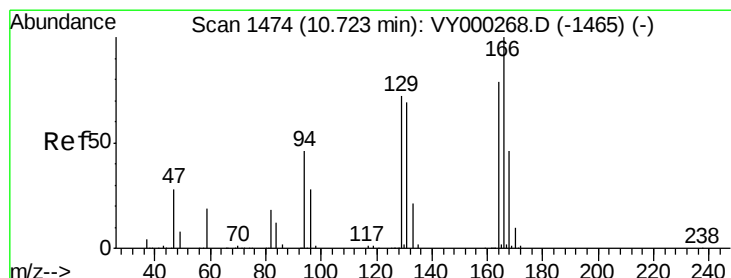
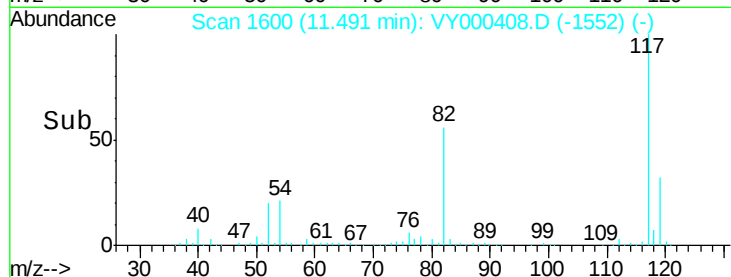
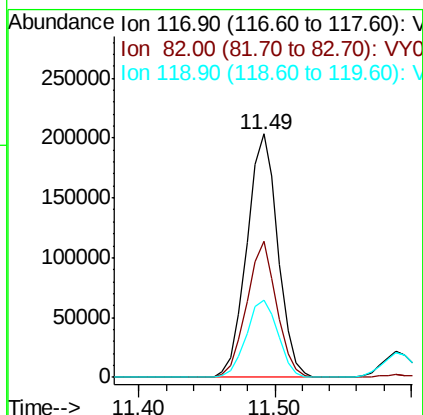
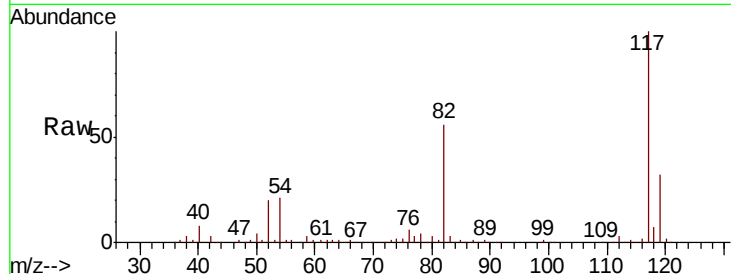
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.7	65.5
119	31.9	26.6	39.8

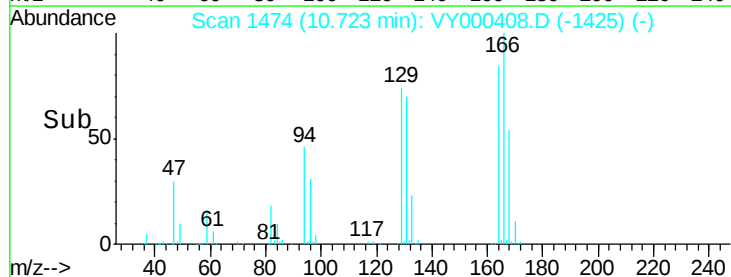
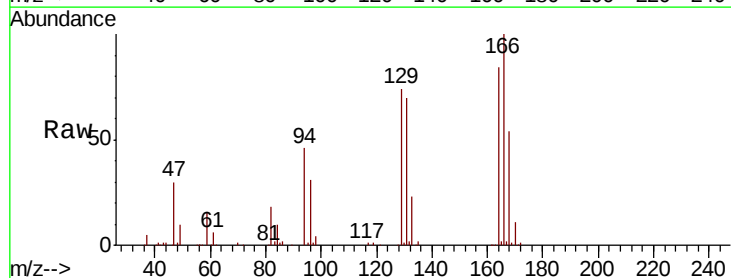
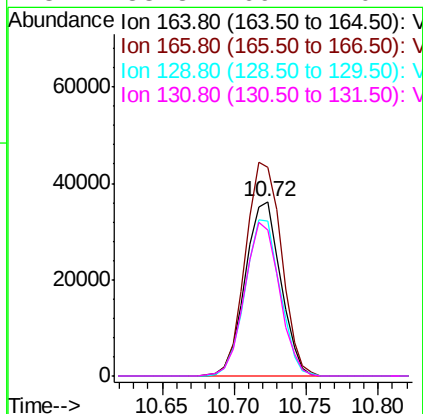
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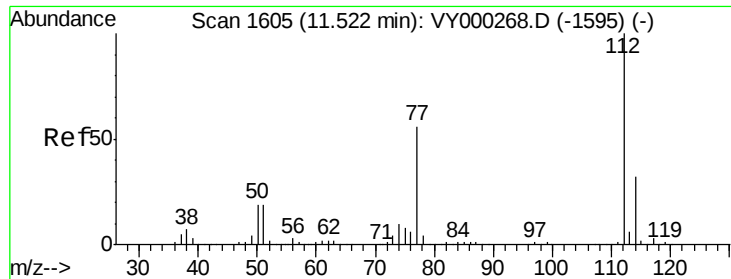
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#64
Tetrachloroethene
Concen: 20.051 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.7	100.6	151.0
129	89.0	72.8	109.2
131	83.3	69.4	104.2





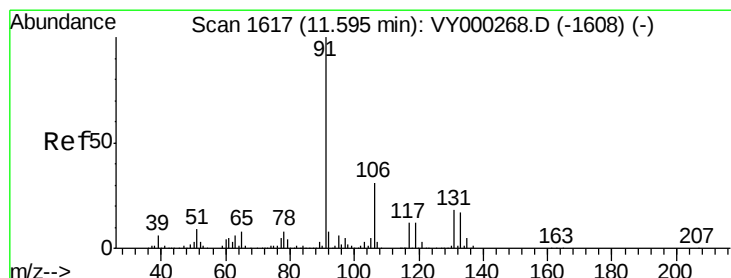
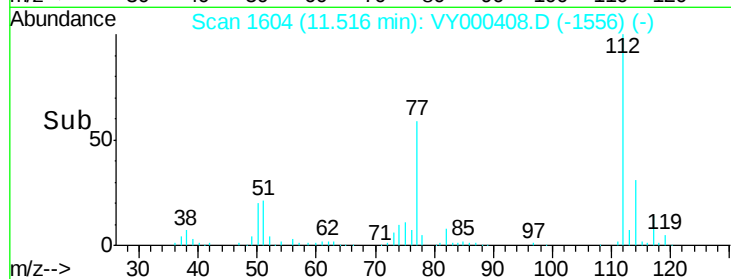
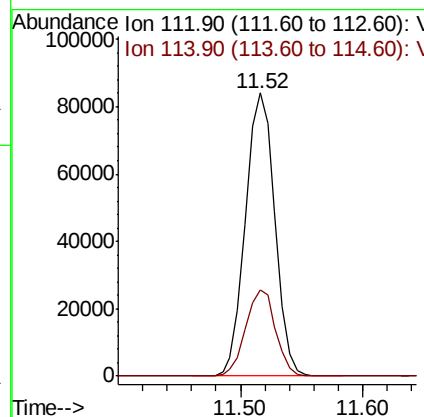
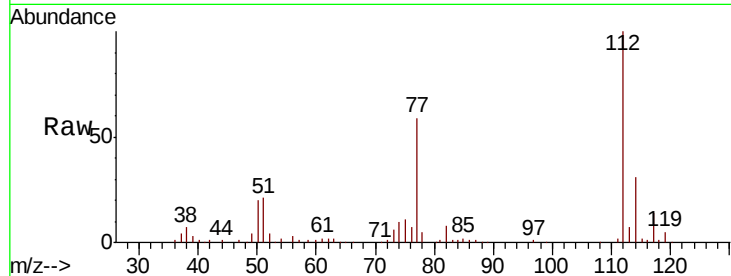
#65
Chlorobenzene
Concen: 20.562 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion:112 Resp: 140505
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

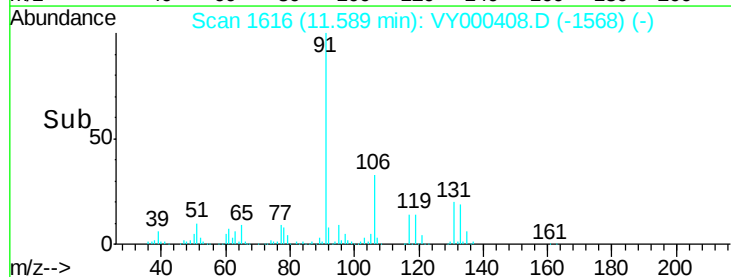
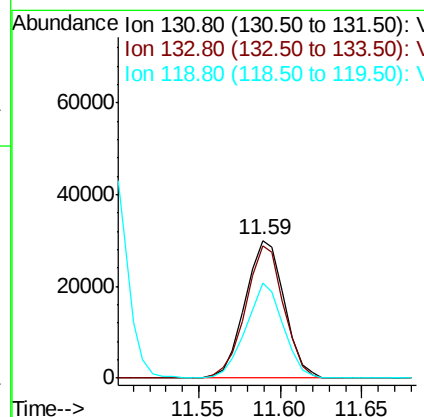
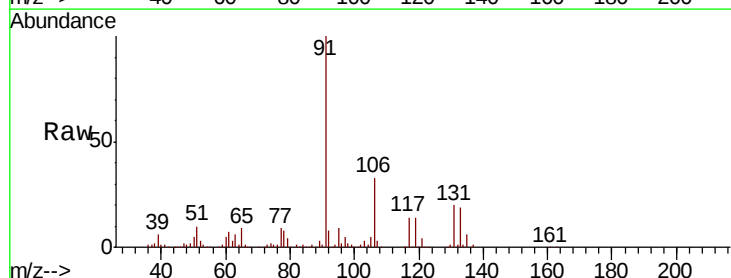
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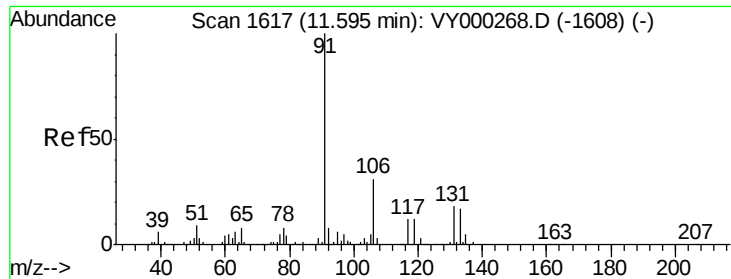
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.823 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion:131 Resp: 49983
Ion Ratio Lower Upper
131 100
133 93.9 47.2 141.6
119 66.0 32.6 98.0





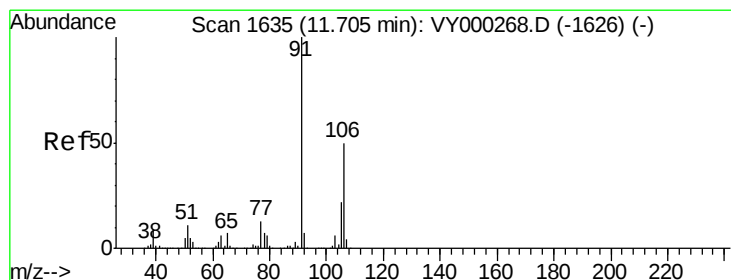
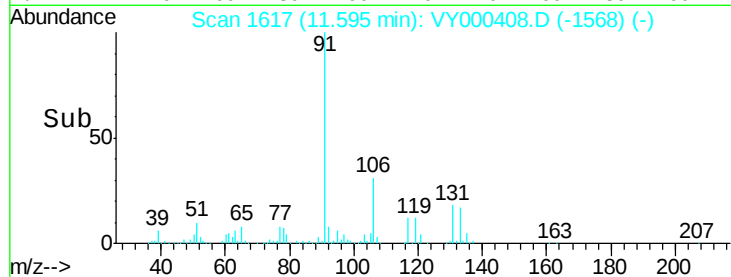
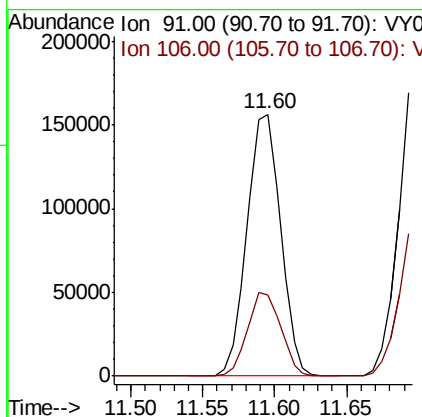
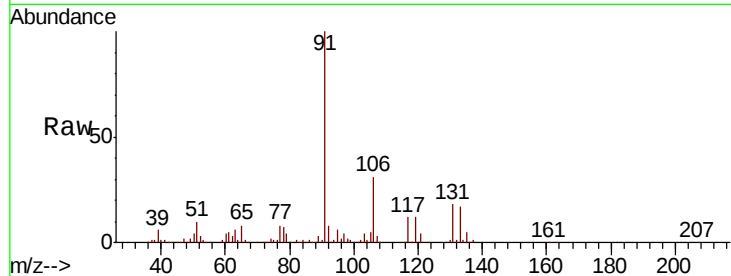
#67
Ethyl Benzene
Concen: 19.944 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.6

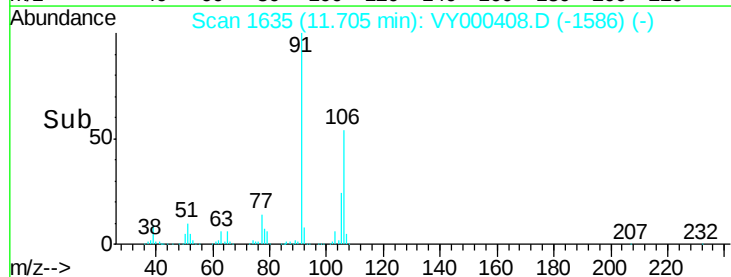
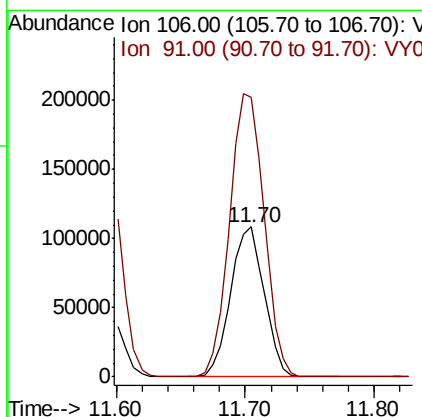
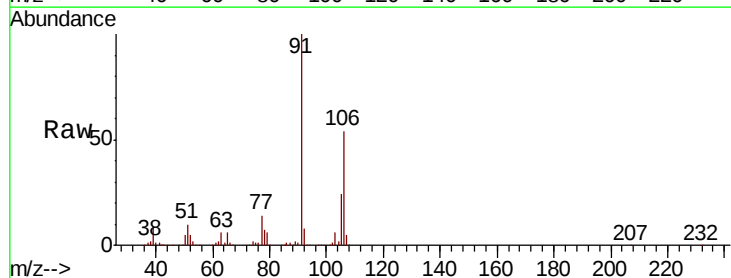
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#68
m/p-Xylenes
Concen: 40.595 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.4	157.5	236.3





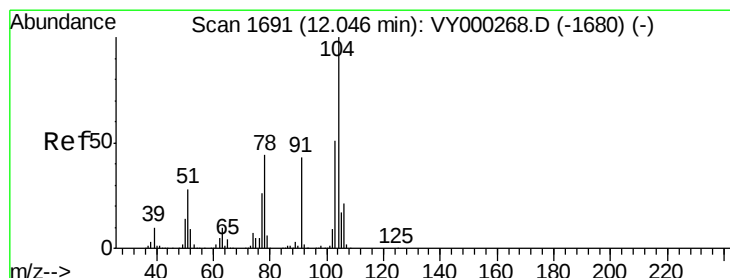
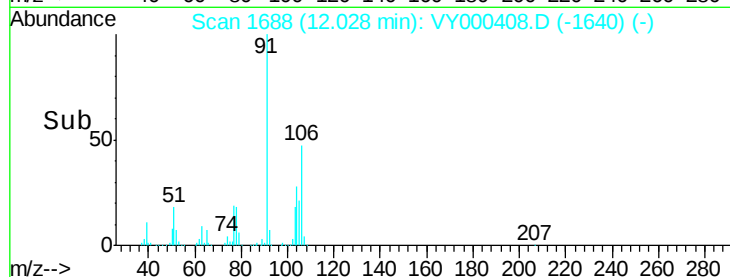
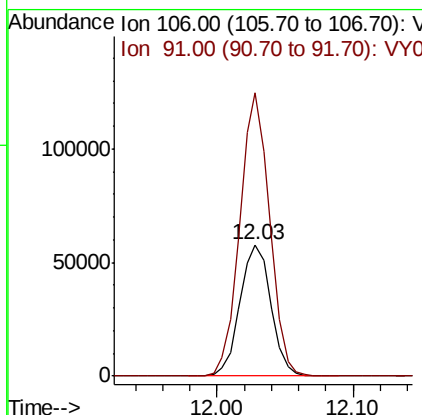
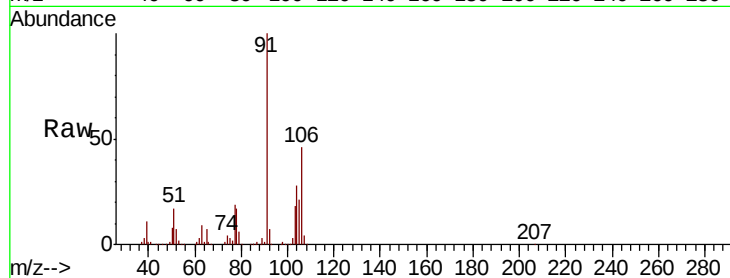
#69
o-Xylene
Concen: 19.869 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion:106 Resp: 91790
Ion Ratio Lower Upper
106 100
91 207.0 104.7 313.9

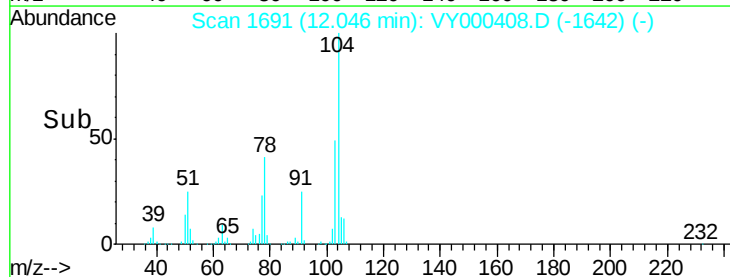
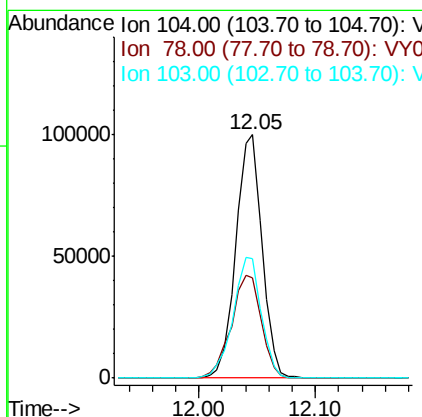
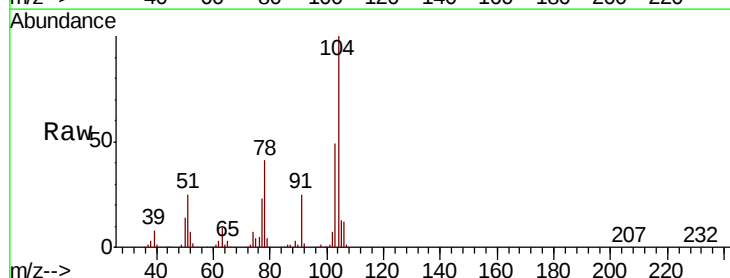
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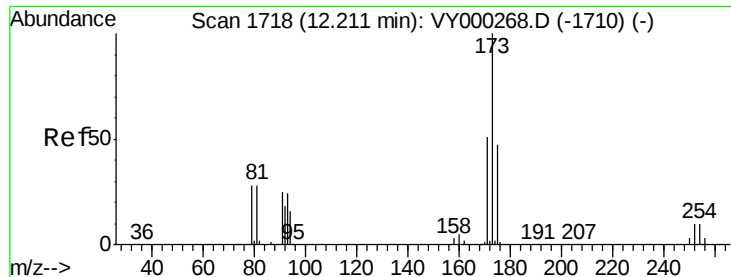
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#70
Styrene
Concen: 20.145 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion:104 Resp: 156947
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 53.4 43.1 64.7





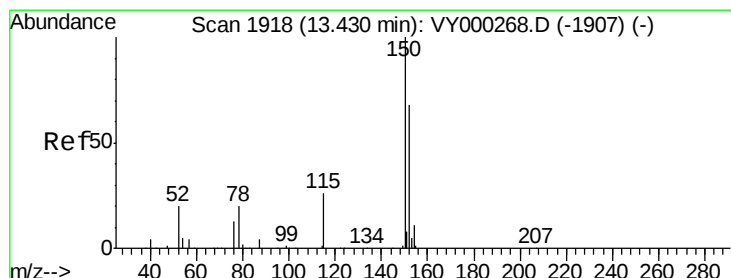
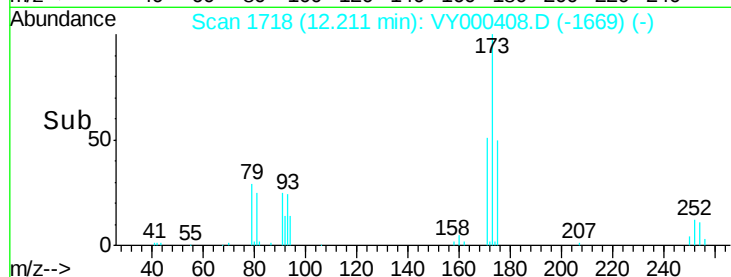
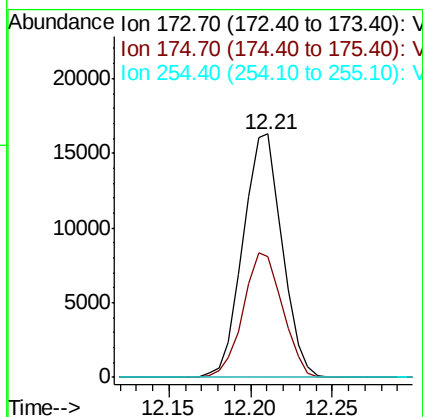
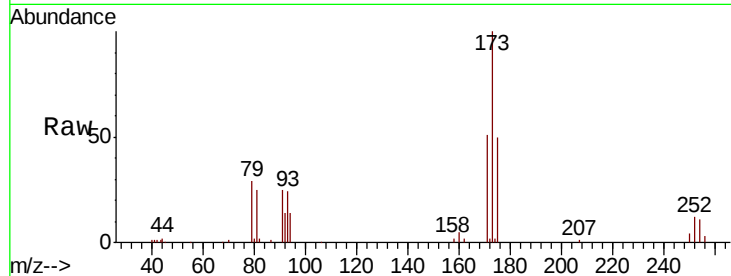
#71
Bromoform
Concen: 19.768 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.6	73.6
254	0.0	0.1	0.1#

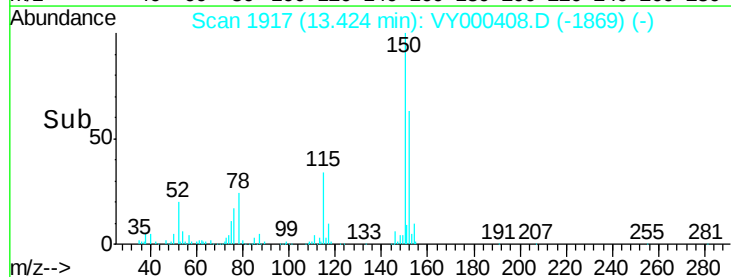
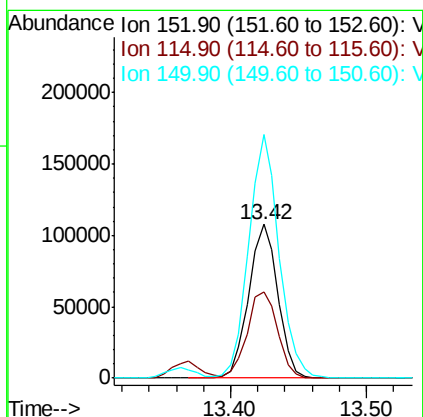
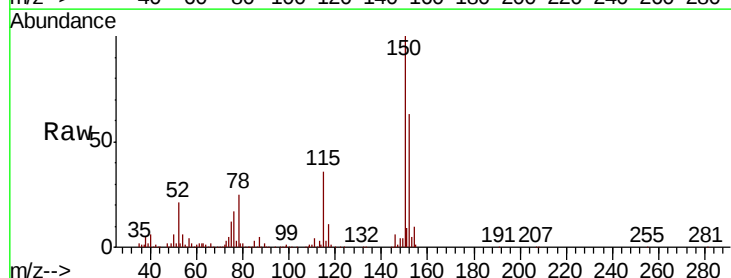
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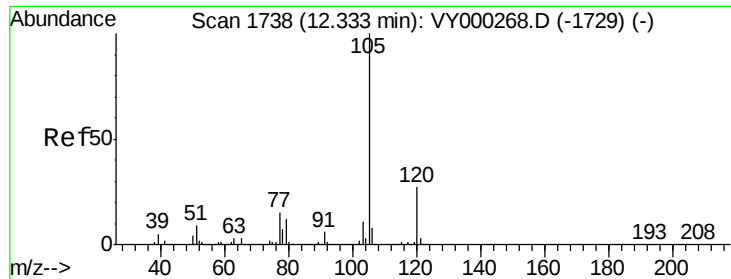
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	164.6	0.0	348.4





#73

Isopropylbenzene

Concen: 19.548 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 105 Resp: 246680

Ion Ratio Lower Upper

105 100

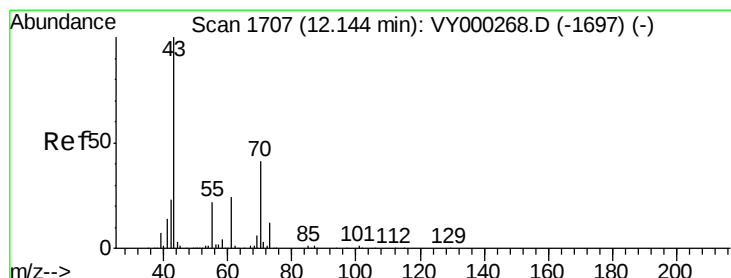
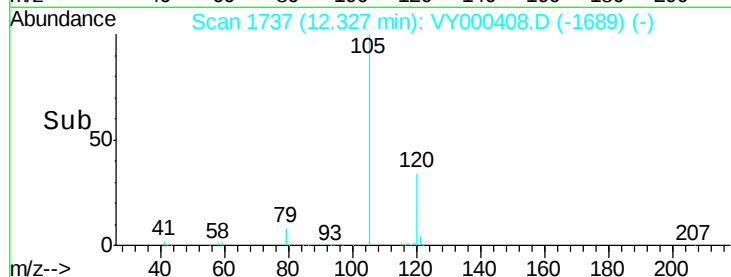
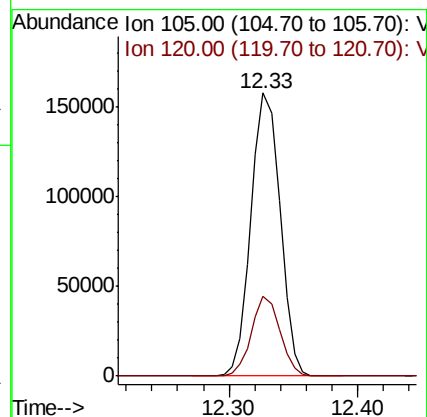
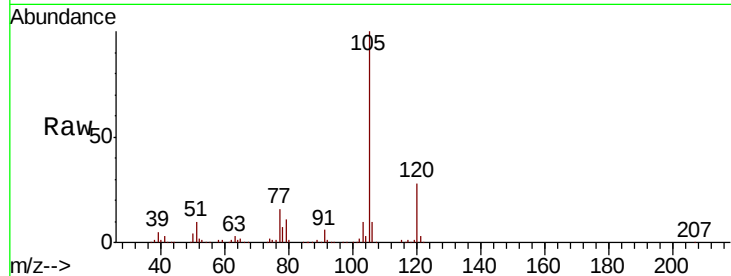
120 27.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.379 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion: 43 Resp: 66232

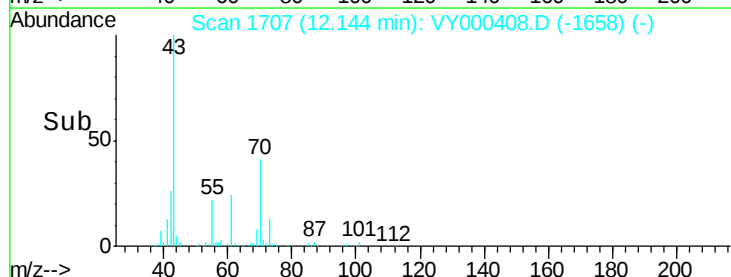
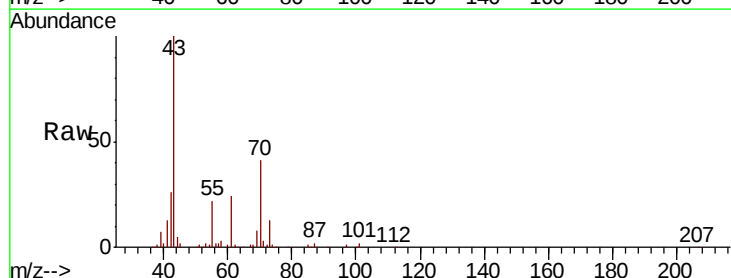
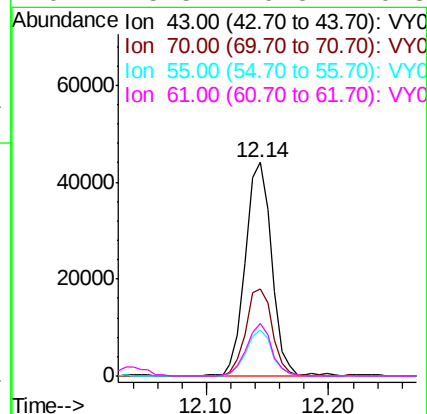
Ion Ratio Lower Upper

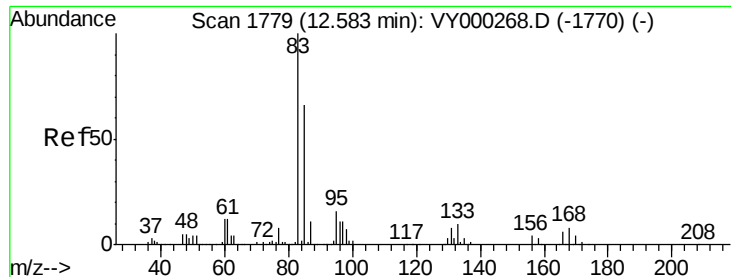
43 100

70 41.0 32.9 49.3

55 21.2 17.8 26.6

61 23.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.514 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

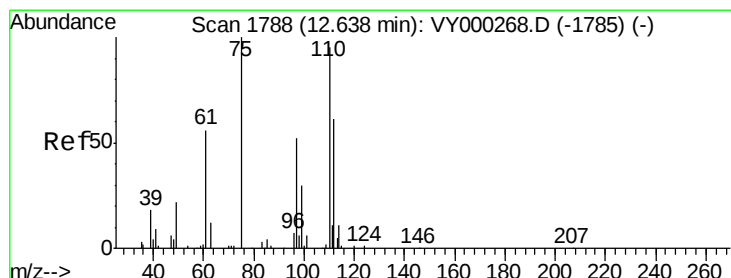
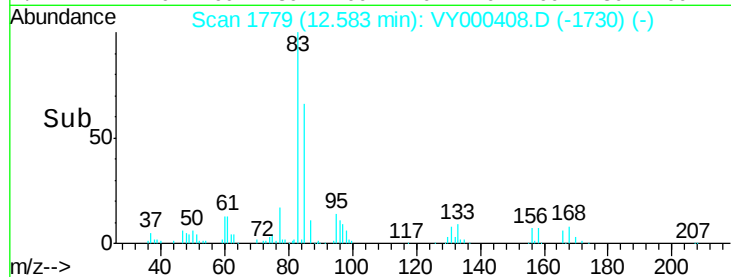
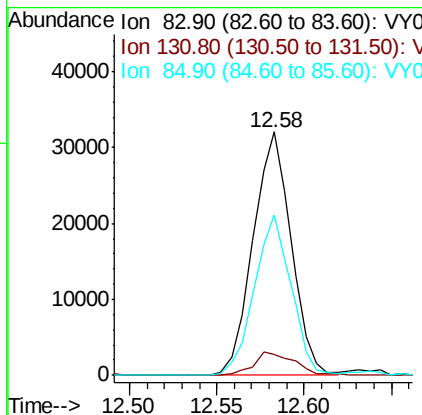
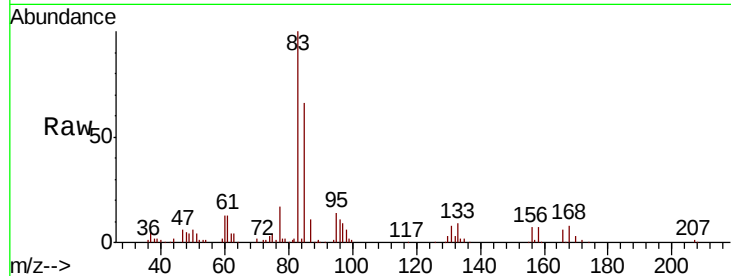
ClientSampleId :

VY1024SBS02

Tot Ion:	83	Resp:	48604
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	63.5	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 17.643 ug/l m

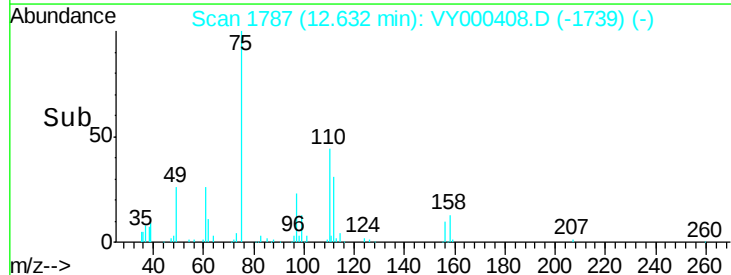
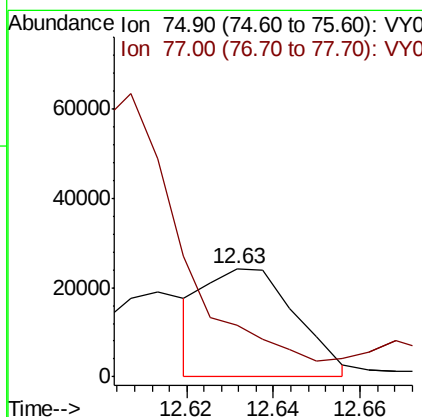
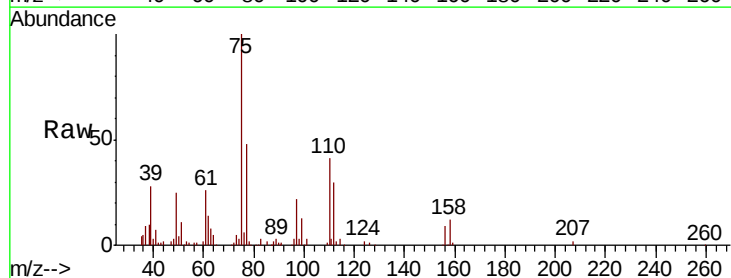
RT: 12.63 min Scan# 1787

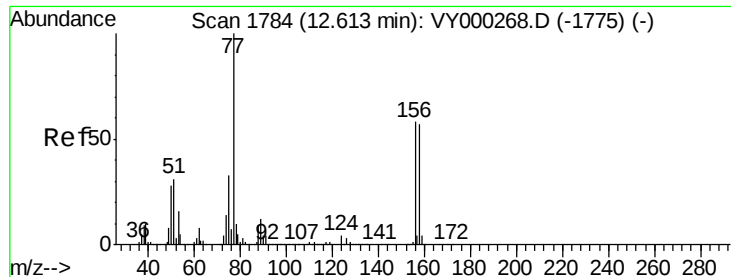
Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	75	Resp:	35111
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.256 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

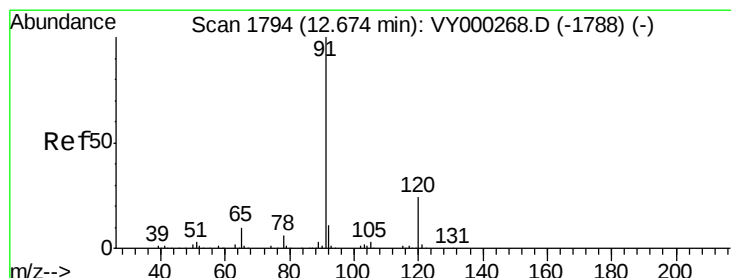
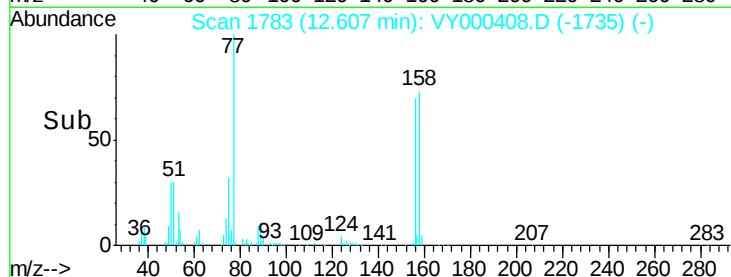
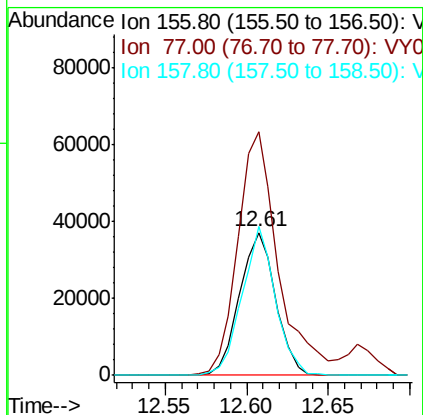
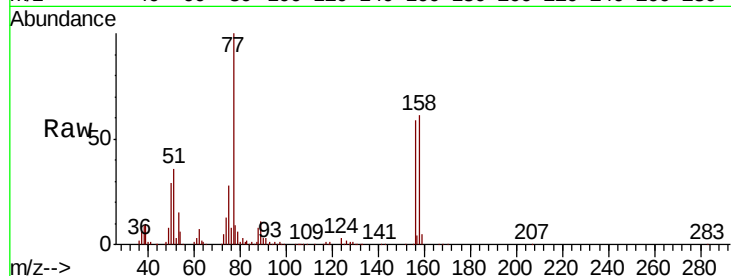
ClientSampleId :

VY1024SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.2	101.0	302.9
158	96.8	49.7	149.1

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#78

n-propylbenzene

Concen: 19.667 ug/l

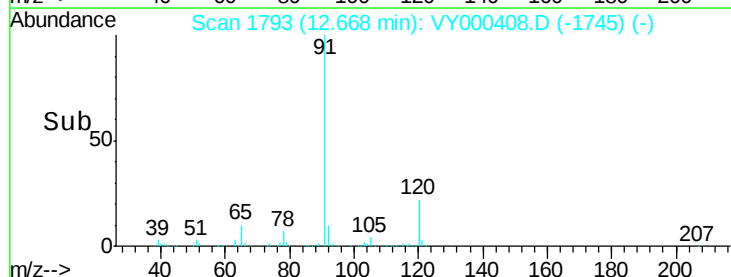
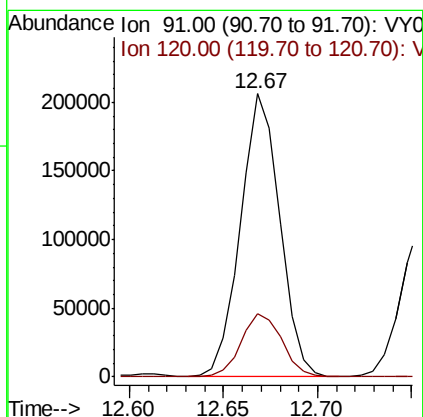
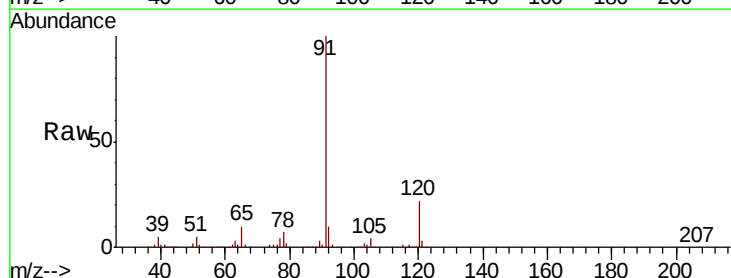
RT: 12.67 min Scan# 1793

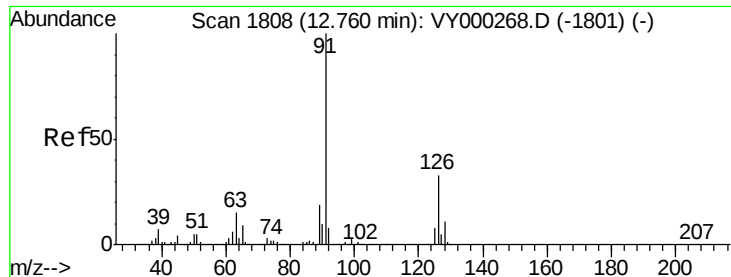
Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 19.607 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion: 91 Resp: 164066

Ion Ratio Lower Upper

91 100

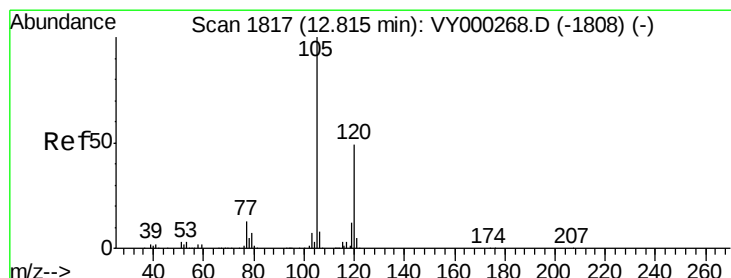
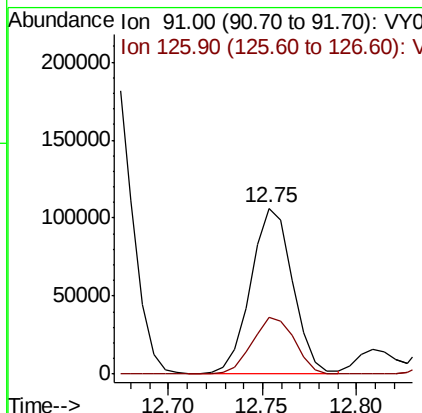
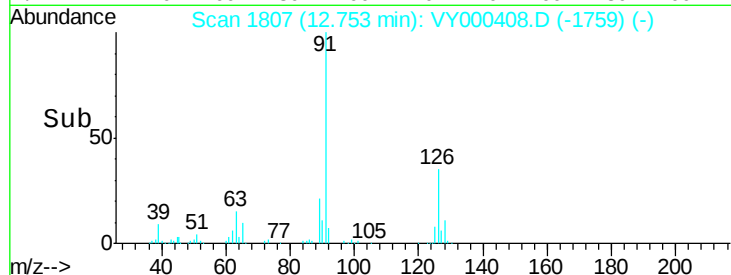
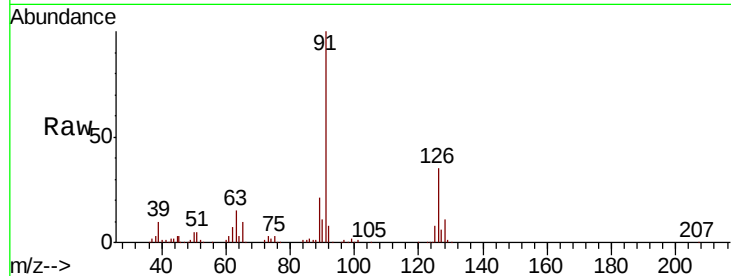
126 34.7 17.1 51.3

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#80

1,3,5-Trimethylbenzene

Concen: 19.755 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000408.D

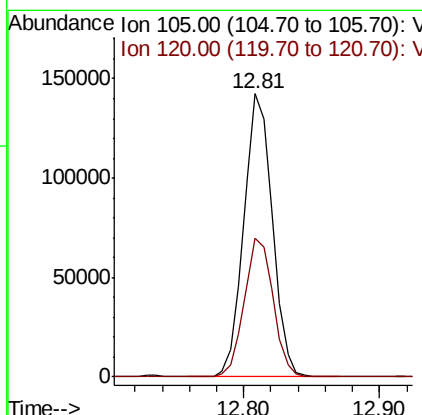
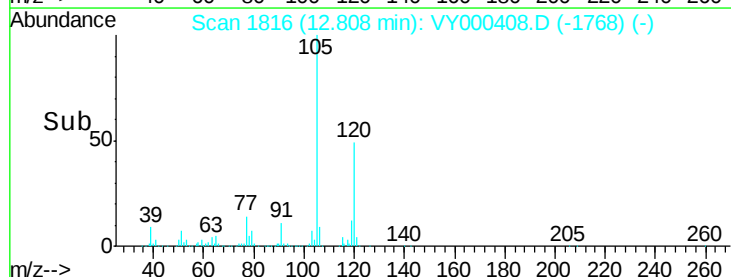
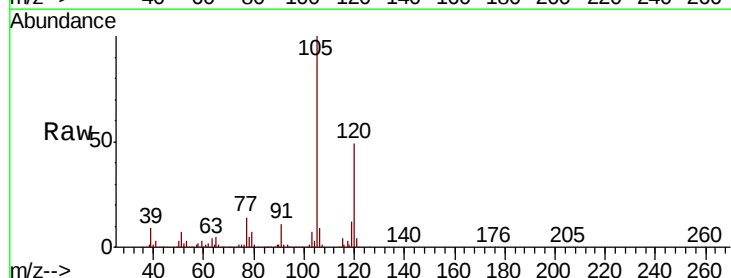
Acq: 24 Oct 2019 14:41

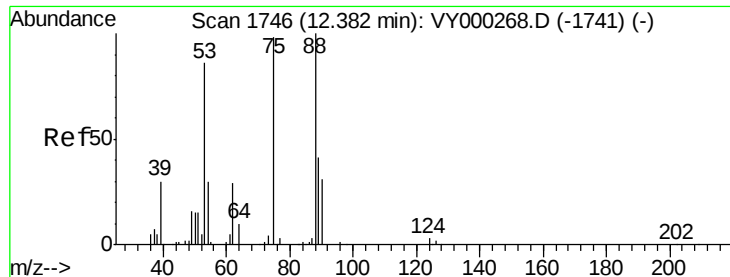
Tgt Ion: 105 Resp: 209045

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.8





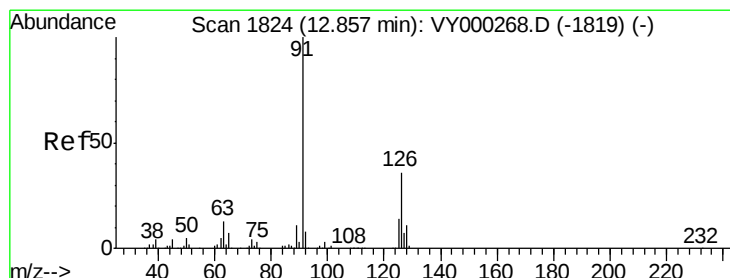
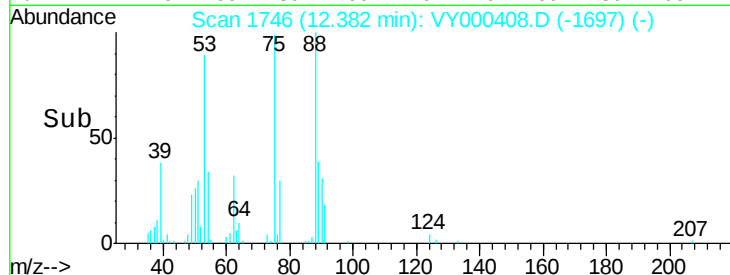
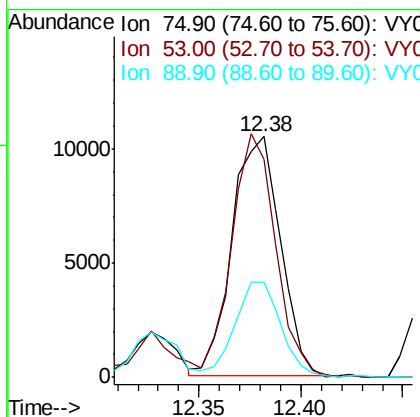
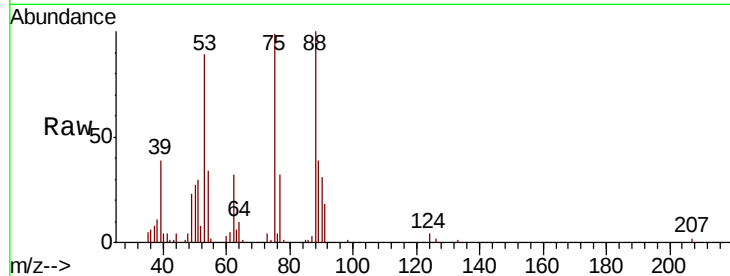
#81
trans-1,4-Dichloro-2-butene
Concen: 18.934 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	71.3	106.9
89	38.0	35.1	52.7

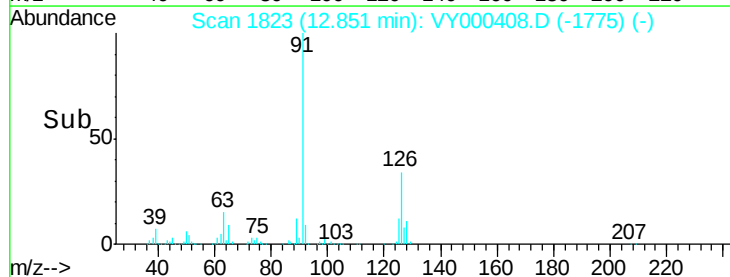
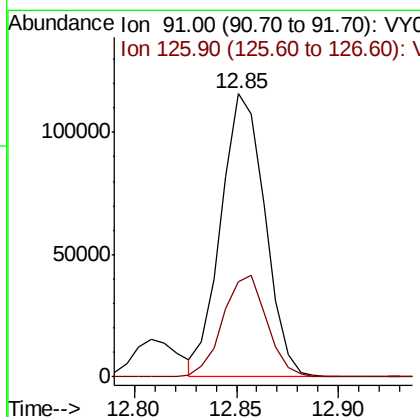
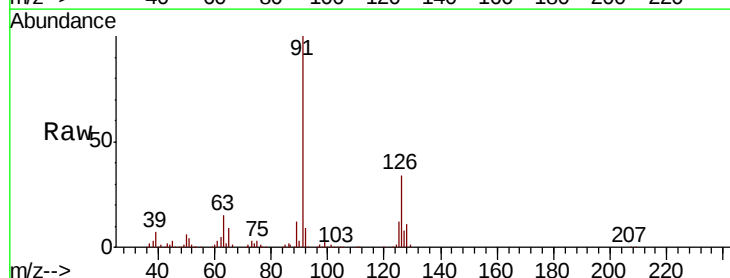
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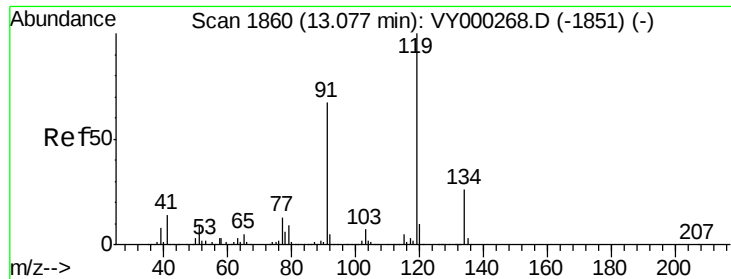
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#82
4-Chlorotoluene
Concen: 19.507 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.2	51.5





#83

tert-Butylbenzene

Concen: 20.284 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

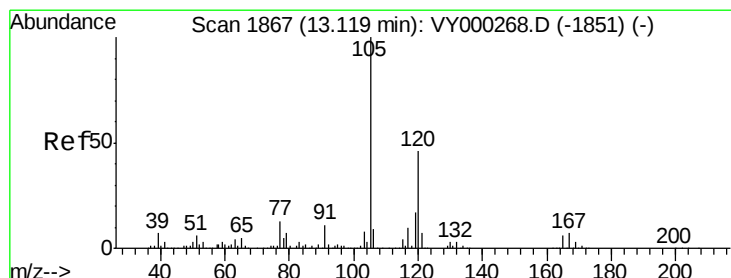
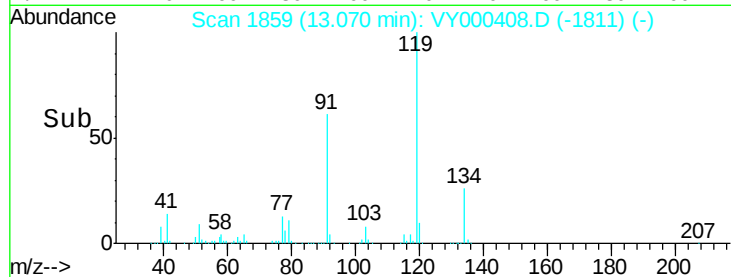
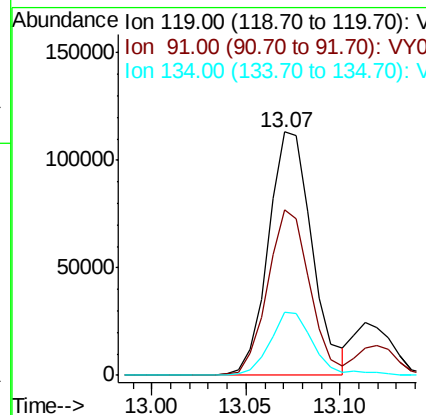
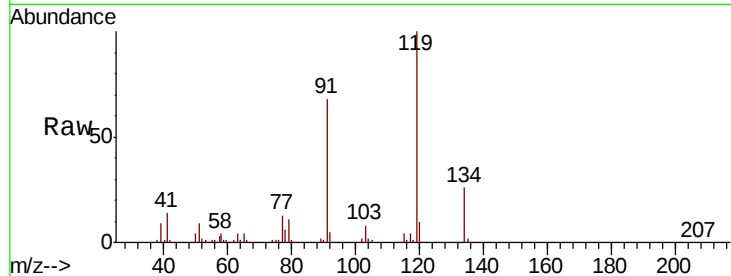
ClientSampleId :

VY1024SBS02

Tot Ion:	119	Resp:	181760
Ion Ratio	Lower	Upper	
119	100		
91	65.5	32.9	98.7
134	25.9	13.3	39.8

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#84

1,2,4-Trimethylbenzene

Concen: 19.805 ug/l

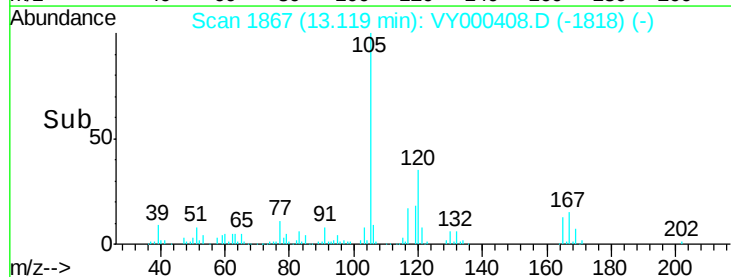
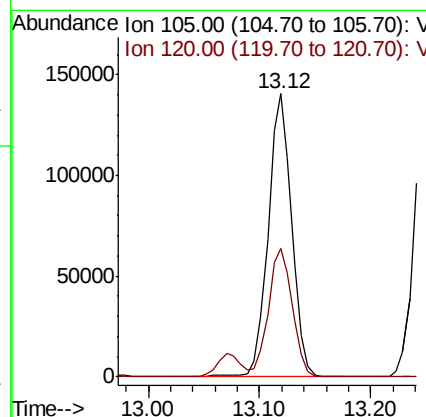
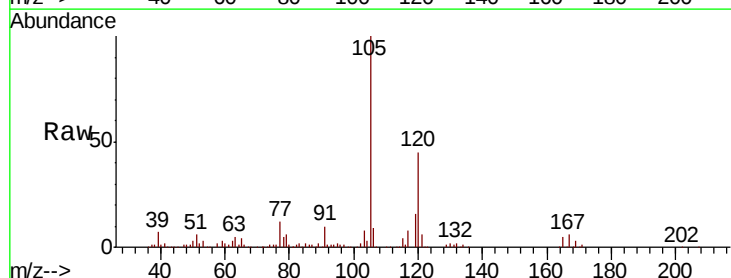
RT: 13.12 min Scan# 1867

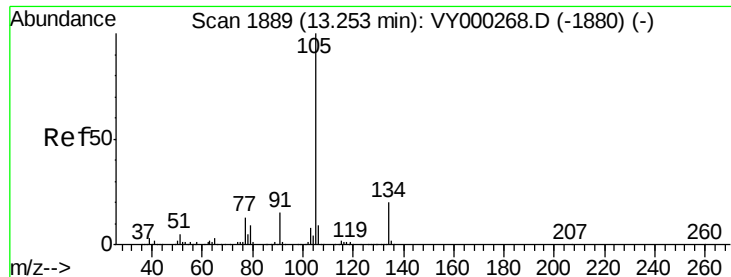
Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Tgt Ion:	105	Resp:	206838
Ion Ratio	Lower	Upper	
105	100		
120	46.3	22.9	68.8





#85

sec-Butylbenzene

Concen: 19.659 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS02

Tot Ion:105 Resp: 254843

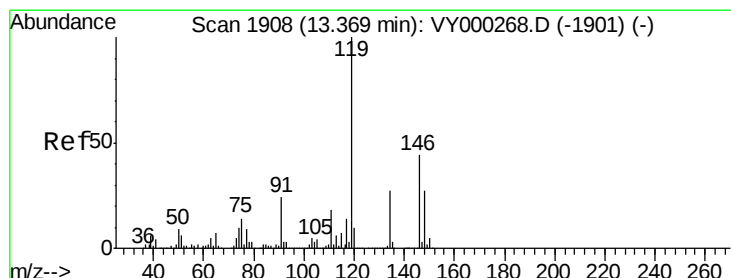
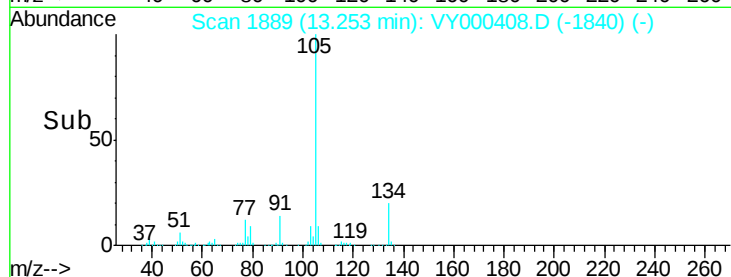
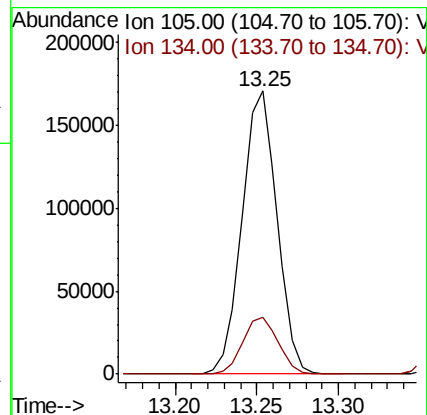
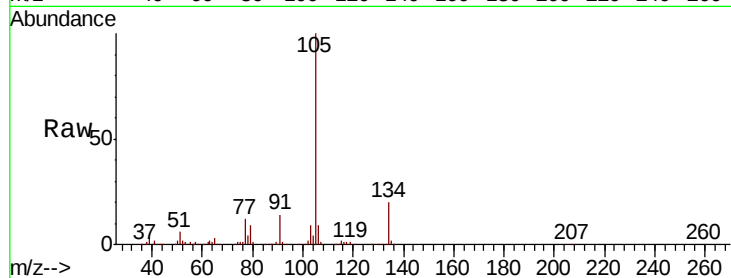
Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.069 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000408.D

Acq: 24 Oct 2019 14:41

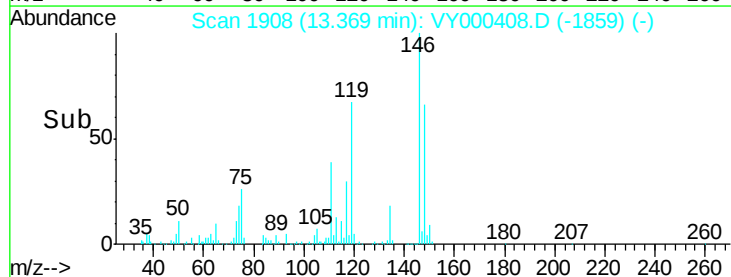
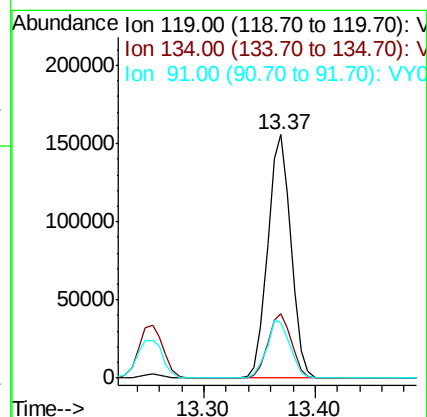
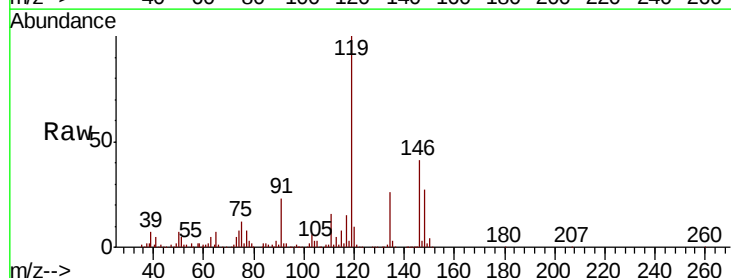
Tgt Ion:119 Resp: 226813

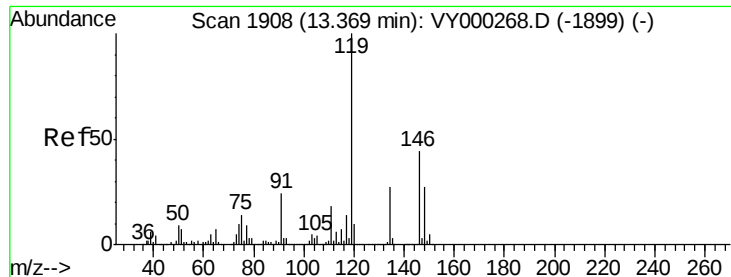
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.1 12.0 36.1





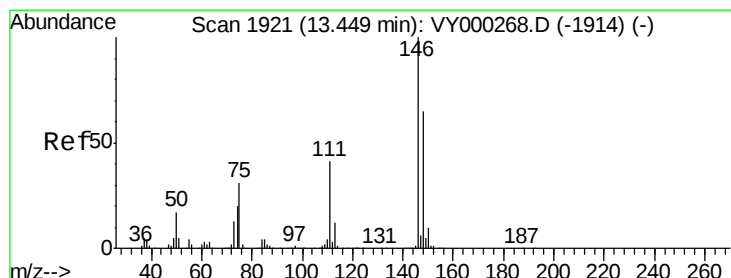
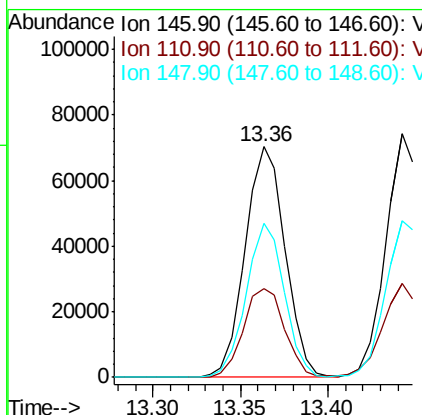
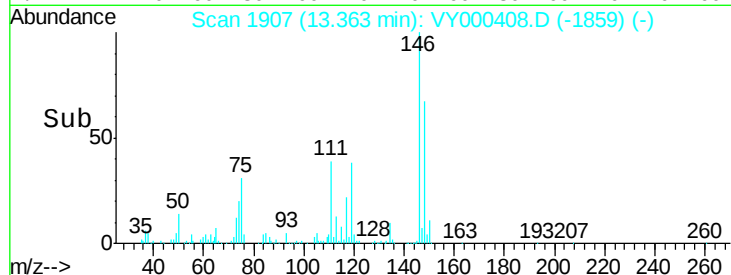
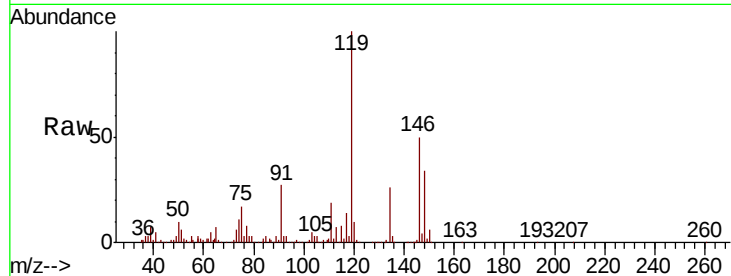
#87
 1,3-Dichlorobenzene
 Concen: 20.171 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.9	20.6	61.8	
148	63.8	31.9	95.5	

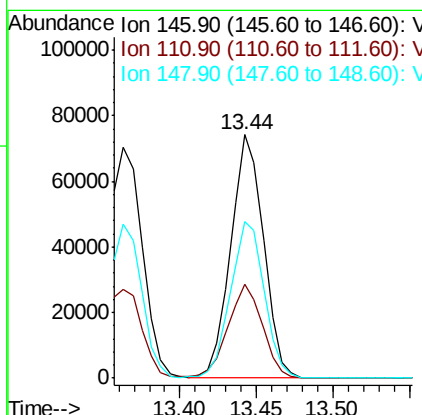
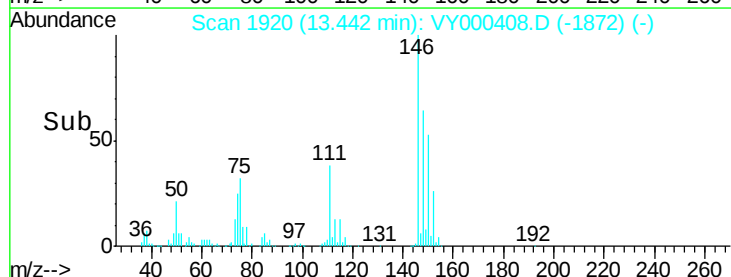
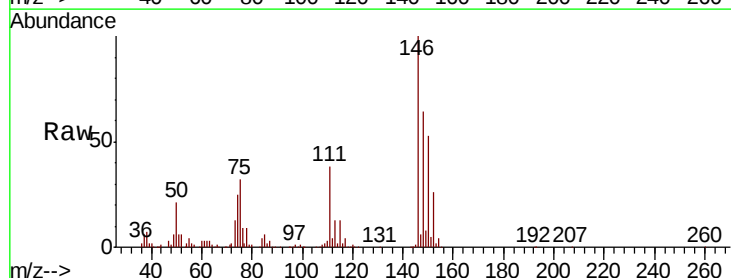
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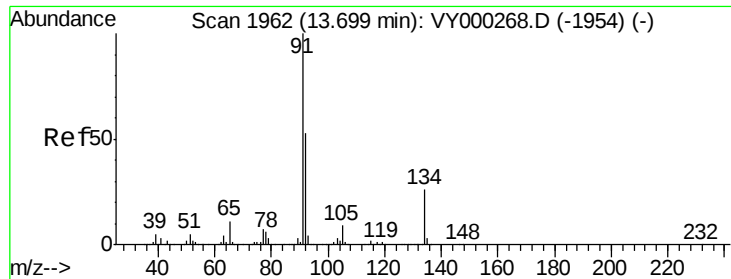
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#88
 1,4-Dichlorobenzene
 Concen: 19.947 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.3	20.1	60.2	
148	66.3	32.4	97.2	





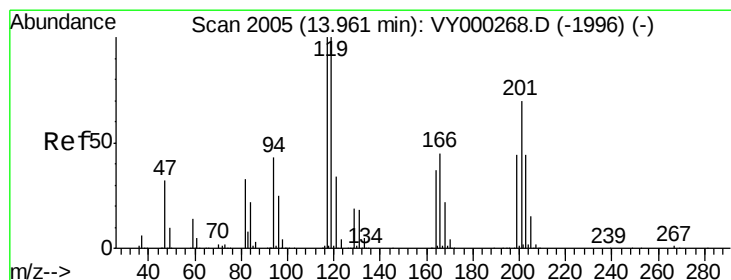
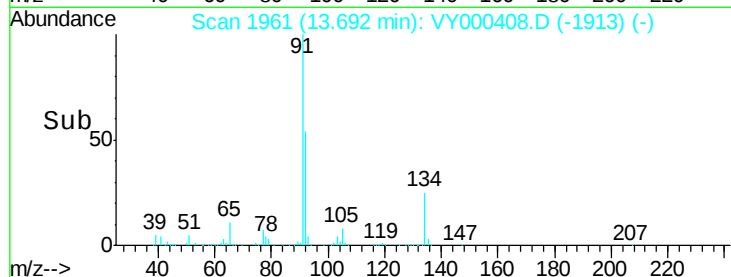
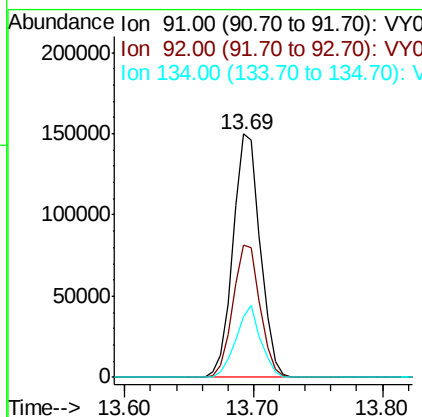
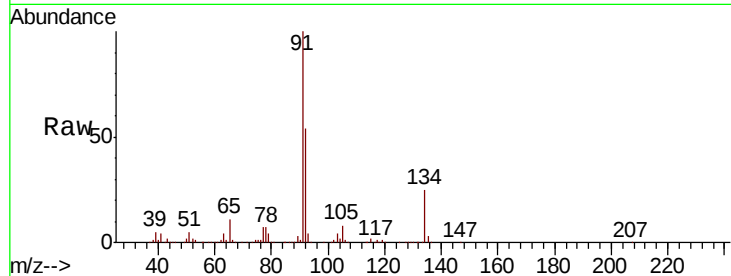
#89
n-Butylbenzene
Concen: 19.699 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.7	80.1
134	26.8	13.0	38.9

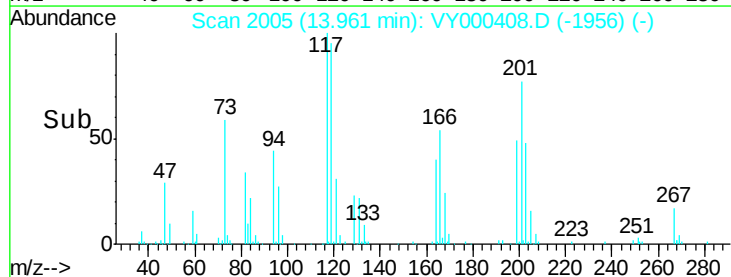
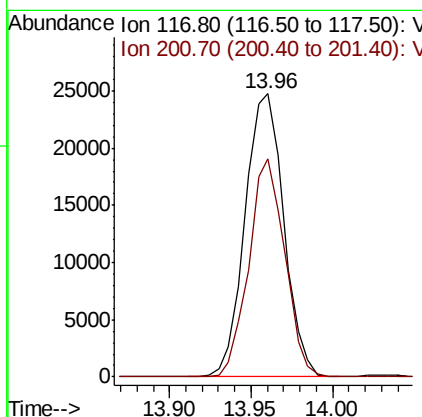
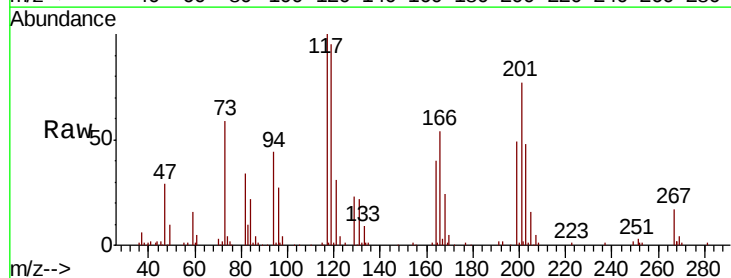
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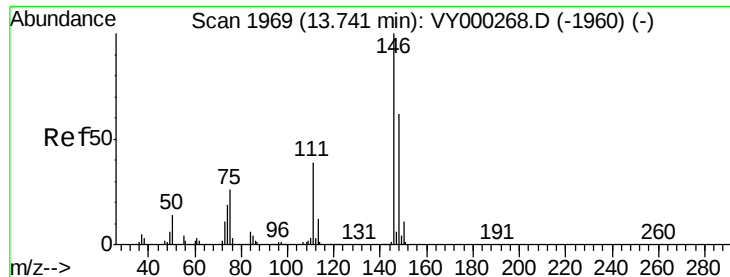
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#90
Hexachloroethane
Concen: 19.598 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	36.3	108.7





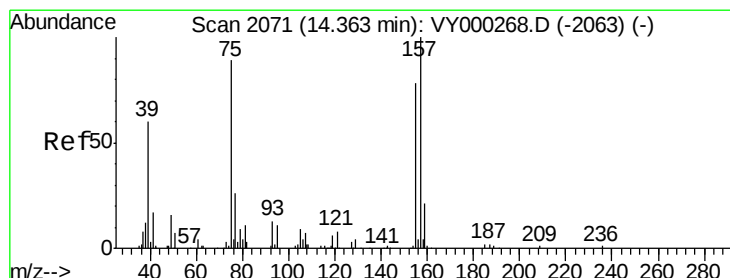
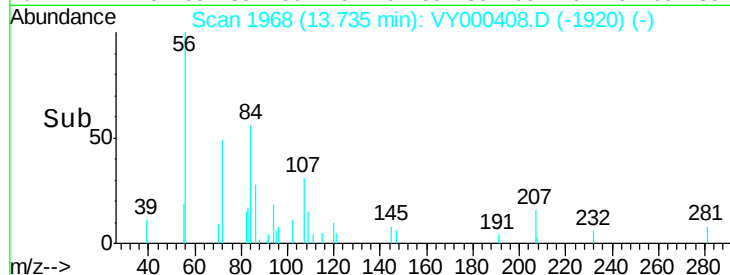
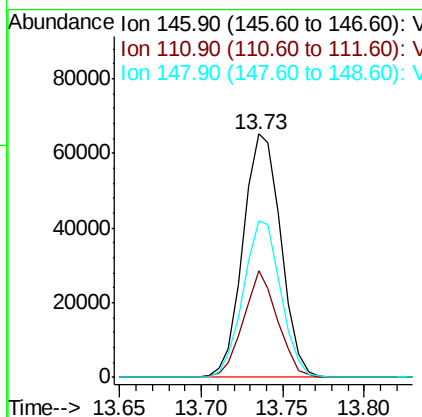
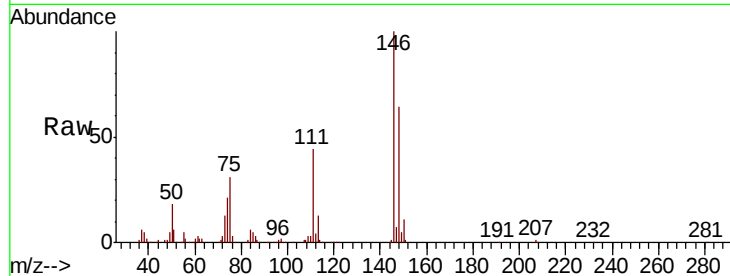
#91
 1,2-Dichlorobenzene
 Concen: 21.000 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.5	61.5
148	63.8	31.6	95.0

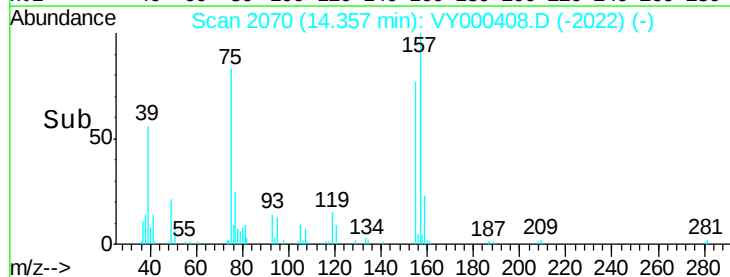
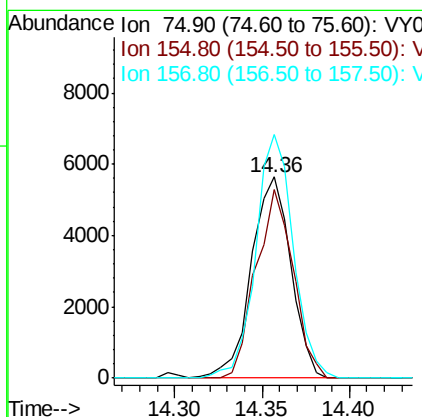
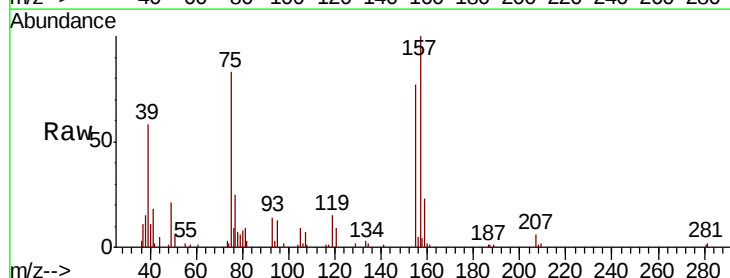
Manual Integrations
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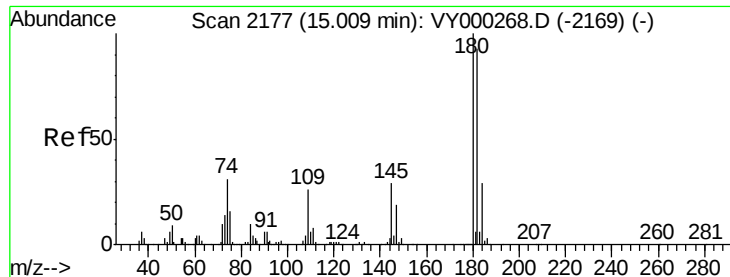
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.699 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	45.8	137.3
157	115.1	55.6	166.9





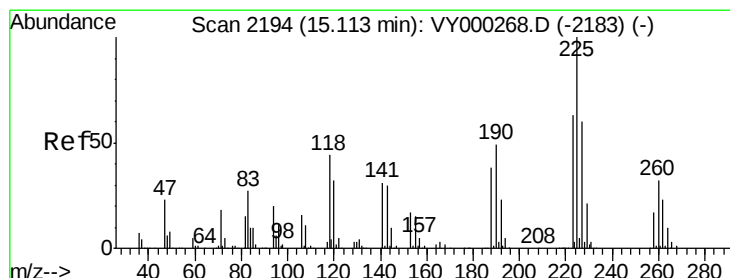
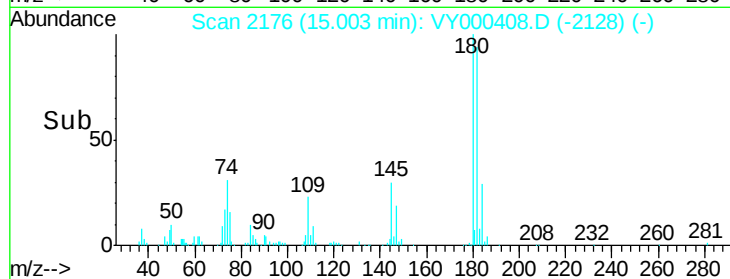
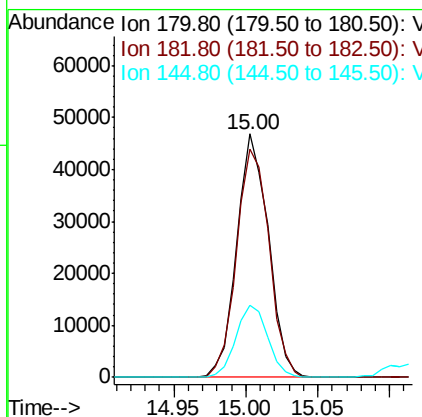
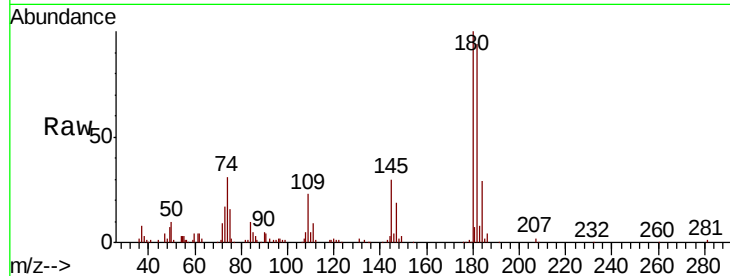
#93
 1,2,4-Trichlorobenzene
 Concen: 20.557 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.5	142.6
145	29.7	15.4	46.1

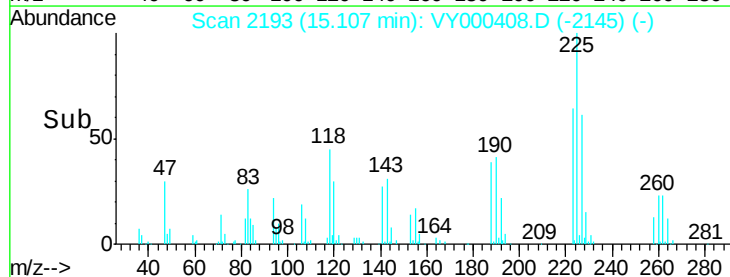
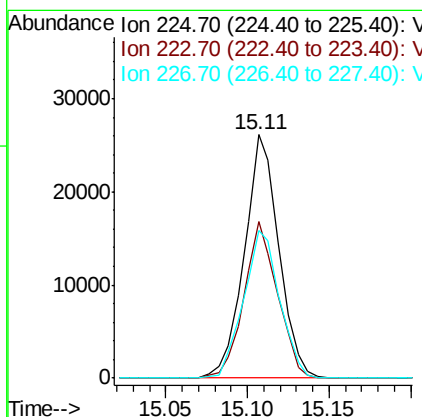
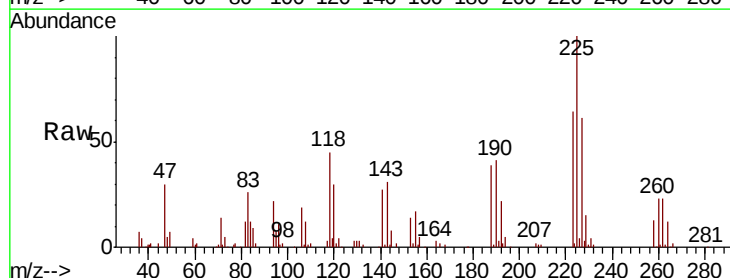
Manual Integrations
 APPROVED

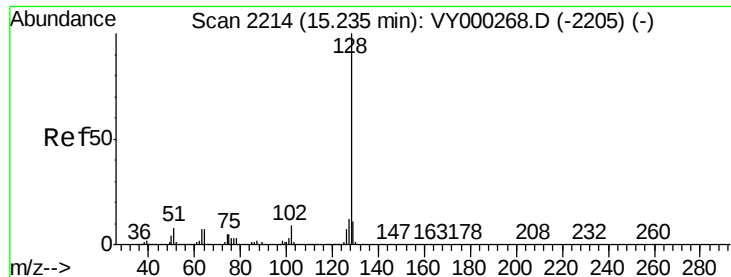
MMDadoda
 10/25/2019 4:46:45 PM



#94
 Hexachlorobutadiene
 Concen: 20.334 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000408.D
 Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.7
227	63.5	31.4	94.2





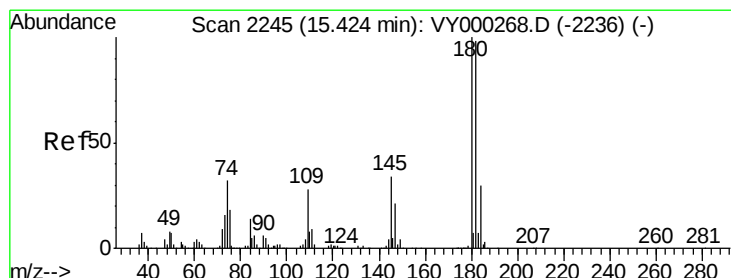
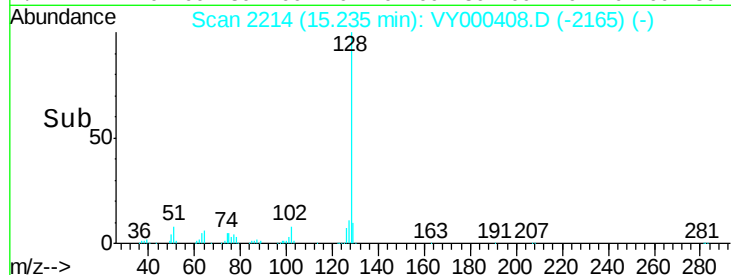
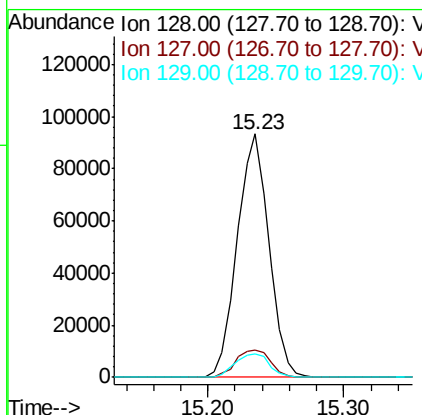
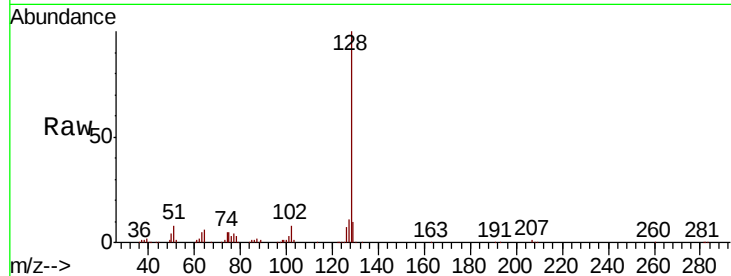
#95
Naphthalene
Concen: 19.480 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	151549		
127	12.6		9.6	14.4
129	10.6		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:46:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.011 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000408.D
Acq: 24 Oct 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66013		
182	91.2		46.5	139.5
145	31.7		16.2	48.5

