

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012120\
 Data File : VY001322.D
 Acq On : 21 Jan 2020 15:25
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 10:49:30 AM

Quant Time: Jan 21 16:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:22:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	191787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	335908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	293775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	141283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	39734	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	
35) Dibromofluoromethane	7.74	113	40858	20.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.50%	
50) Toluene-d8	10.19	98	140924	18.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.20%	
62) 4-Bromofluorobenzene	12.49	95	63139	20.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32695	22.002	ug/l	93
3) Chloromethane	2.13	50	47407	21.966	ug/l	96
4) Vinyl Chloride	2.26	62	48727	22.369	ug/l	98
5) Bromomethane	2.65	94	32484	26.928	ug/l	97
6) Chloroethane	2.80	64	31426	24.504	ug/l	98
7) Trichlorofluoromethane	3.15	101	63328	21.070	ug/l	97
8) Diethyl Ether	3.55	74	25818	21.952	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	39599	20.532	ug/l	99
10) Methyl Iodide	4.11	142	52824	19.997	ug/l	99
11) Tert butyl alcohol	4.99	59	30694	142.469	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	41384	20.937	ug/l	96
13) Acrolein	3.75	56	19818	111.393	ug/l	97
14) Allyl chloride	4.51	41	72485	21.532	ug/l	99
15) Acrylonitrile	5.20	53	63848	107.507	ug/l	100
16) Acetone	3.97	43	54424	110.600	ug/l	96
17) Carbon Disulfide	4.22	76	133065	20.964	ug/l	97
18) Methyl Acetate	4.51	43	32813	20.653	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	118415	21.480	ug/l	100
20) Methylene Chloride	4.75	84	59918	22.364	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	48510	21.611	ug/l	92
22) Diisopropyl ether	6.15	45	150481	21.798	ug/l	99
23) Vinyl Acetate	6.10	43	491445	110.912	ug/l	99
24) 1,1-Dichloroethane	6.05	63	82764	21.995	ug/l	98
25) 2-Butanone	7.02	43	85982	112.985	ug/l	98
26) 2,2-Dichloropropane	7.02	77	71677	20.846	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	53691	21.759	ug/l	99
28) Bromochloromethane	7.36	49	29466	19.211	ug/l	98
29) Tetrahydrofuran	7.38	42	55904	108.245	ug/l	99
30) Chloroform	7.53	83	79607	21.687	ug/l	98
31) Cyclohexane	7.81	56	80571	20.469	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	66173	20.409	ug/l	99
36) 1,1-Dichloropropene	7.94	75	64620	21.023	ug/l	99
37) Ethyl Acetate	7.11	43	38829	21.268	ug/l	99
38) Carbon Tetrachloride	7.92	117	57399	20.435	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	82860	20.022	ug/l	98
40) Benzene	8.18	78	195107	21.620	ug/l	100
41) Methacrylonitrile	7.34	41	25499m	29.626	ug/l	
42) 1,2-Dichloroethane	8.26	62	53691	21.260	ug/l	100
43) Isopropyl Acetate	8.30	43	74252	21.196	ug/l	99
44) Trichloroethene	8.96	130	50870	21.796	ug/l	99
45) 1,2-Dichloropropane	9.24	63	47842	21.317	ug/l	98
46) Dibromomethane	9.32	93	26025	21.388	ug/l	97
47) Bromodichloromethane	9.51	83	61768	20.881	ug/l	96
48) Methyl methacrylate	9.31	41	33538	20.829	ug/l	99
49) 1,4-Dioxane	9.31	88	6895	458.862	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	188421	105.952	ug/l	100
52) Toluene	10.25	92	122192	21.287	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	67586	20.404	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	78637	21.031	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	37823	20.900	ug/l	97
56) Ethyl methacrylate	10.52	69	56003	20.285	ug/l	98
57) 1,3-Dichloropropane	10.80	76	66331	21.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	100186	104.405	ug/l	99
59) 2-Hexanone	10.85	43	129470	103.825	ug/l	100
60) Dibromochloromethane	11.00	129	42544	20.595	ug/l	100
61) 1,2-Dibromoethane	11.10	107	35439	20.159	ug/l	98
64) Tetrachloroethene	10.73	164	38313	20.403	ug/l	99
65) Chlorobenzene	11.52	112	125444	21.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	42887	21.098	ug/l	98
67) Ethyl Benzene	11.60	91	235408	21.778	ug/l	96
68) m/p-Xylenes	11.71	106	175458	43.161	ug/l	99
69) o-Xylene	12.04	106	83530	21.368	ug/l	98
70) Styrene	12.05	104	145802	21.282	ug/l	99
71) Bromoform	12.22	173	25200	20.251	ug/l #	100
73) Isopropylbenzene	12.34	105	221573	20.731	ug/l	100
74) N-amyl acetate	12.15	43	70255	20.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45797	20.205	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	28783m	18.426	ug/l	
77) Bromobenzene	12.62	156	49386	20.902	ug/l	98
78) n-propylbenzene	12.68	91	269059	20.911	ug/l	100
79) 2-Chlorotoluene	12.77	91	152216	20.640	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	185494	20.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17234	19.292	ug/l	98
82) 4-Chlorotoluene	12.86	91	161235	20.494	ug/l	99
83) tert-Butylbenzene	13.08	119	157193	20.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	186570	21.075	ug/l	99
85) sec-Butylbenzene	13.26	105	223780	20.732	ug/l	98
86) p-Isopropyltoluene	13.38	119	201142	21.491	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	96913	21.602	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	97341	21.156	ug/l	99
89) n-Butylbenzene	13.70	91	200820	21.334	ug/l	98
90) Hexachloroethane	13.97	117	38164	20.912	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	88444	21.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7890	19.559	ug/l	97

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	59403	21.714	ug/l	99
94) Hexachlorobutadiene	15.12	225	30144	21.977	ug/l	99
95) Naphthalene	15.25	128	131443	20.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	51735	21.404	ug/l	99

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

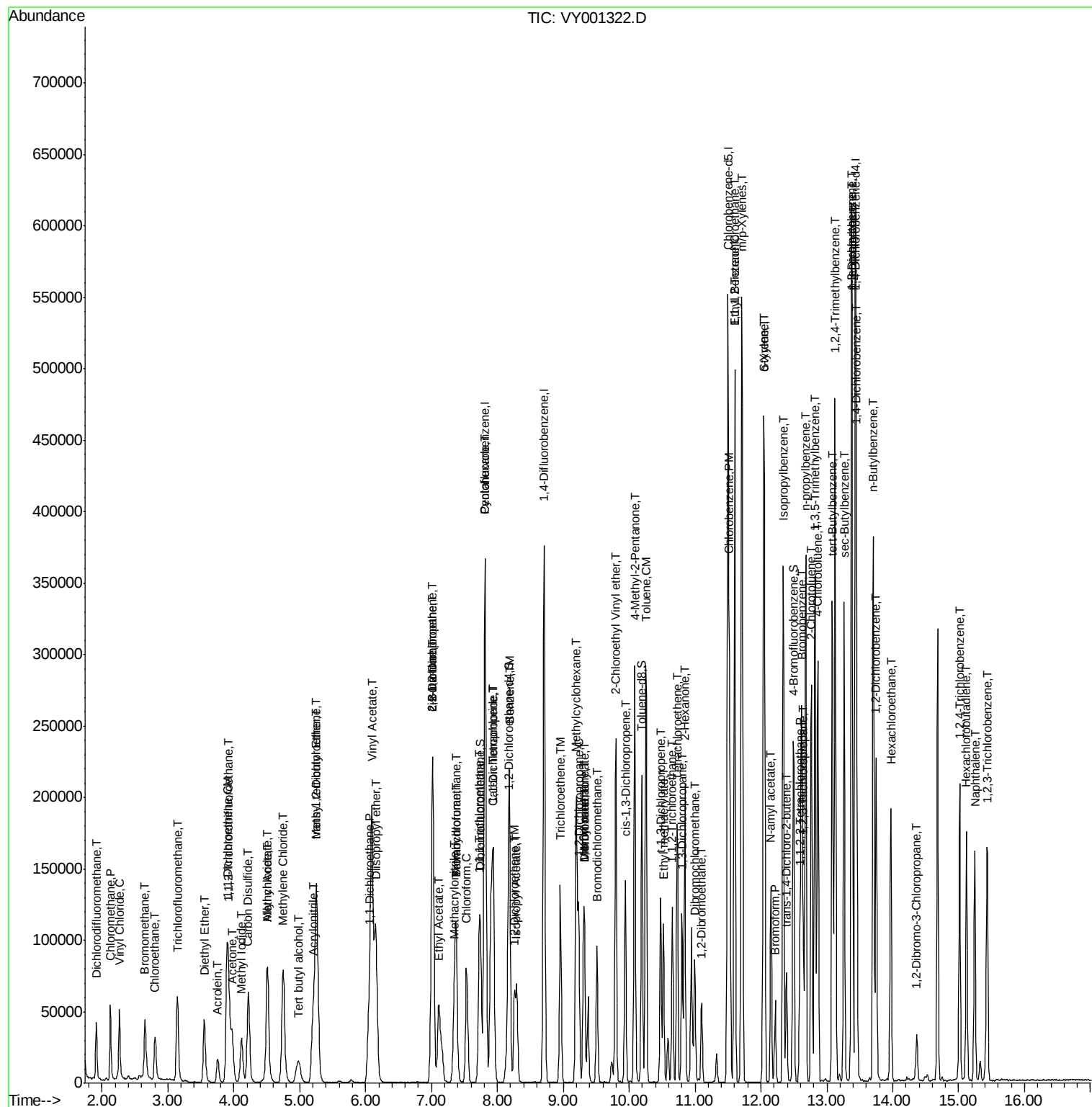
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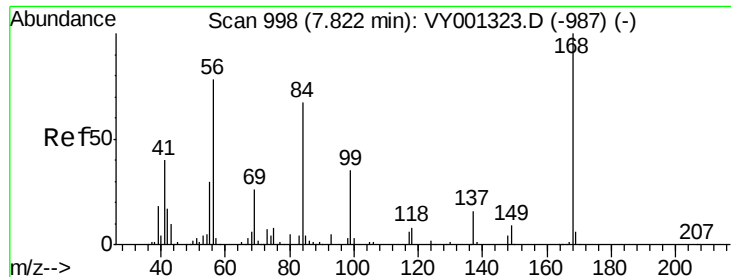
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 191787

Ion Ratio Lower Upper

168 100

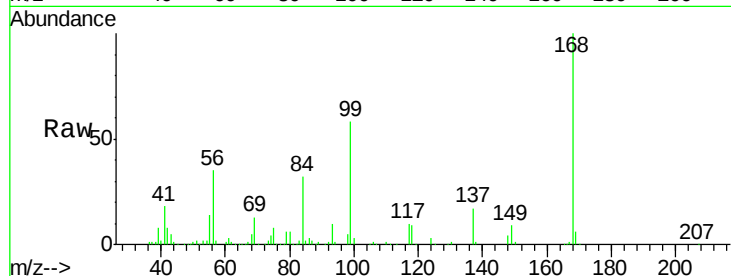
99 57.9 44.3 66.5

Manual Integrations

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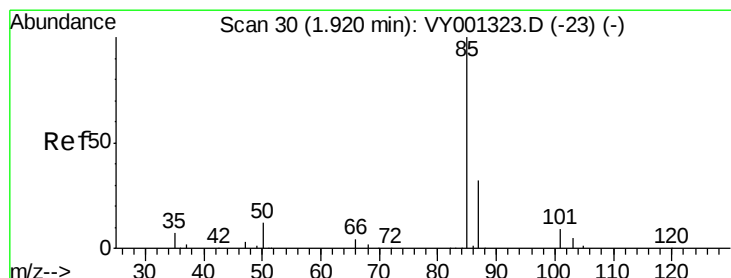
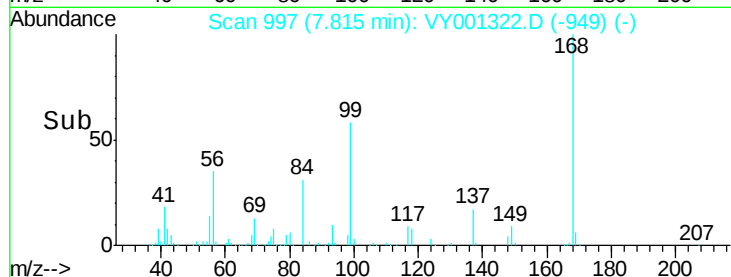


Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

Time-->



#2

Dichlorodifluoromethane

Concen: 22.002 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001322.D

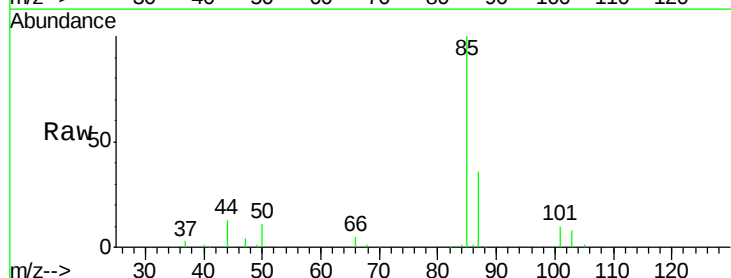
Acq: 21 Jan 2020 15:25

Tgt Ion: 85 Resp: 32695

Ion Ratio Lower Upper

85 100

87 35.9 16.0 48.0

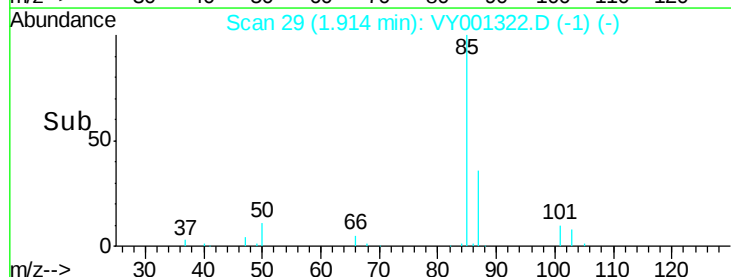


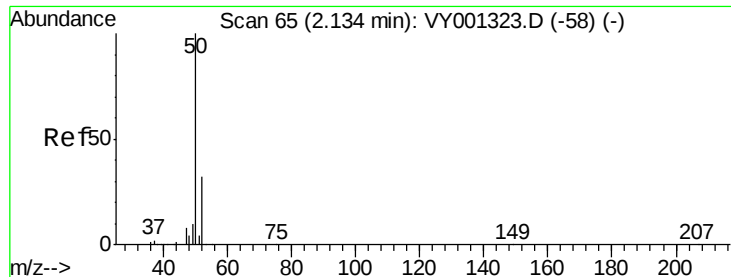
Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

Time-->





#3

Chloromethane

Concen: 21.966 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 47407

Ion Ratio Lower Upper

50 100

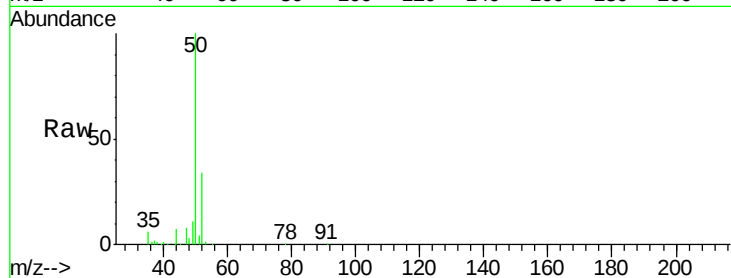
52 34.2 25.7 38.5

Manual Integrations

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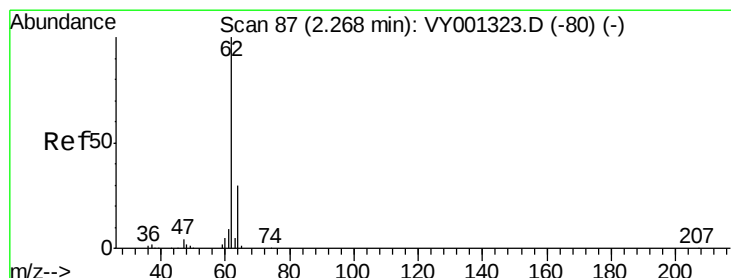
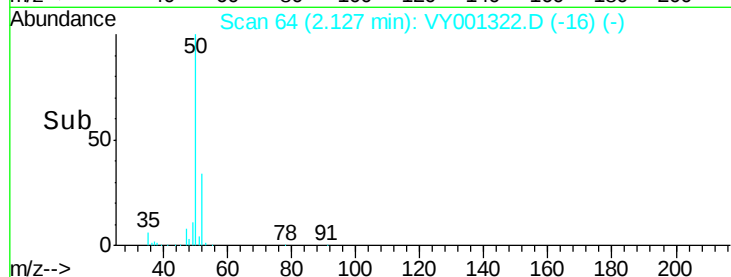
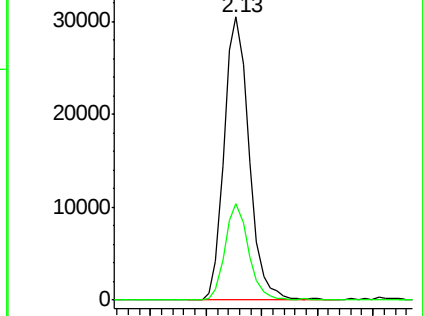
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.369 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001322.D

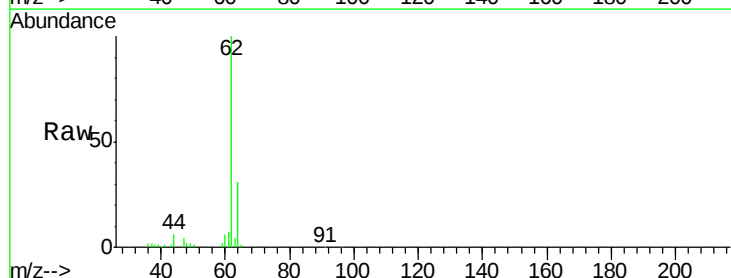
Acq: 21 Jan 2020 15:25

Tgt Ion: 62 Resp: 48727

Ion Ratio Lower Upper

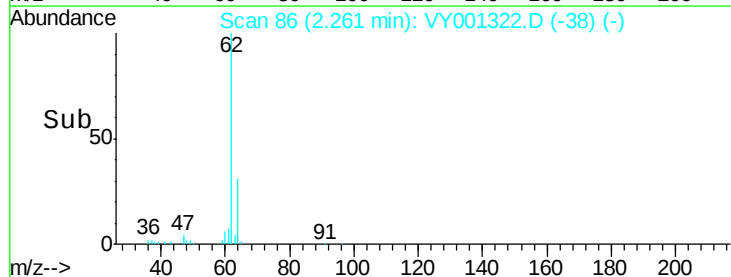
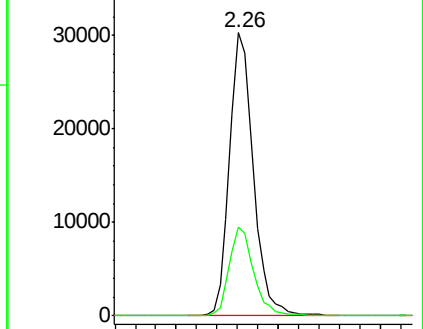
62 100

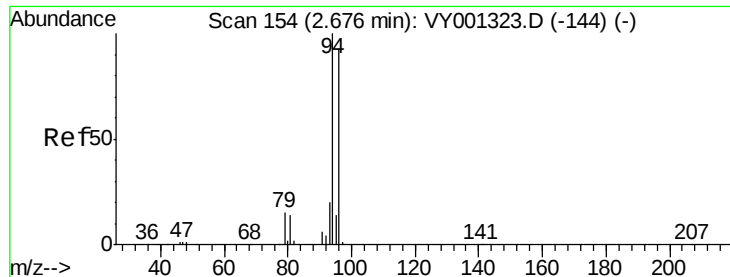
64 31.2 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 26.928 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 32484

Ion Ratio Lower Upper

94 100

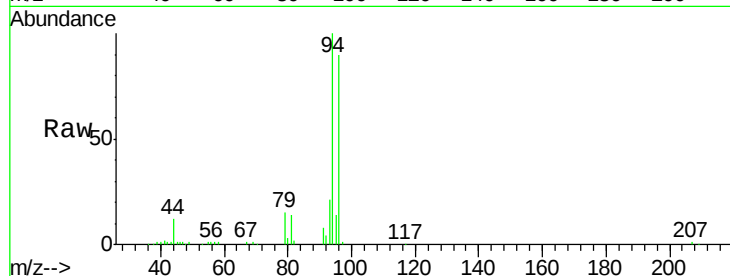
96 90.3 74.6 111.8

Manual Integrations

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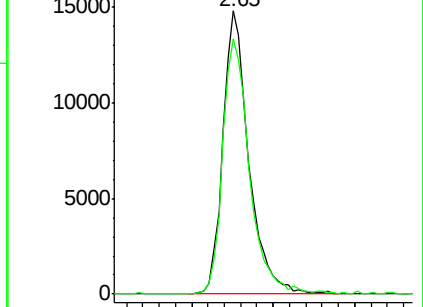
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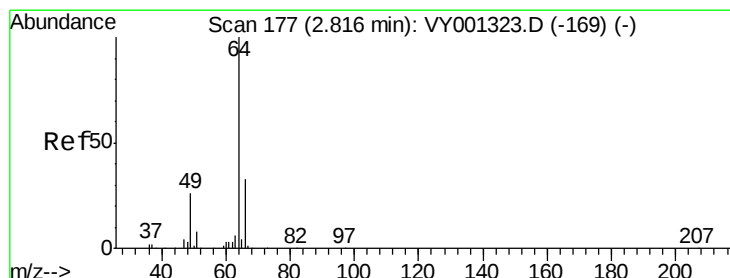
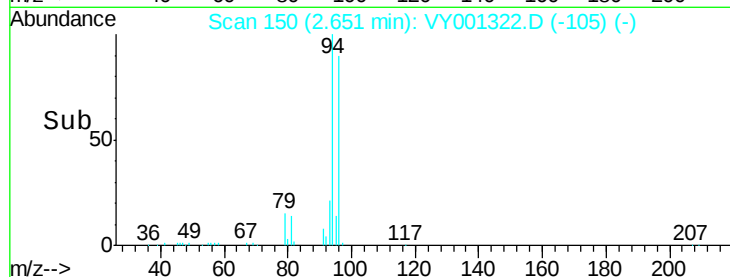


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



Time-->



#6

Chloroethane

Concen: 24.504 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001322.D

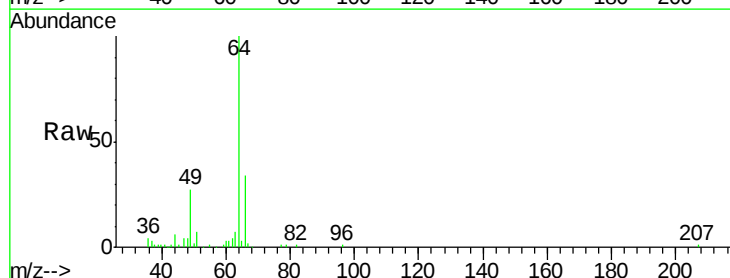
Acq: 21 Jan 2020 15:25

Tgt Ion: 64 Resp: 31426

Ion Ratio Lower Upper

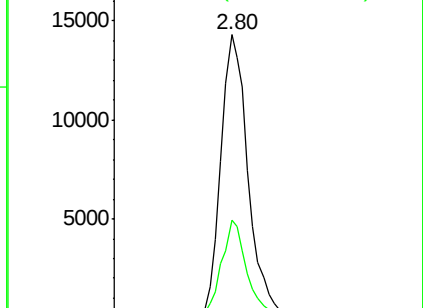
64 100

66 34.4 26.8 40.2

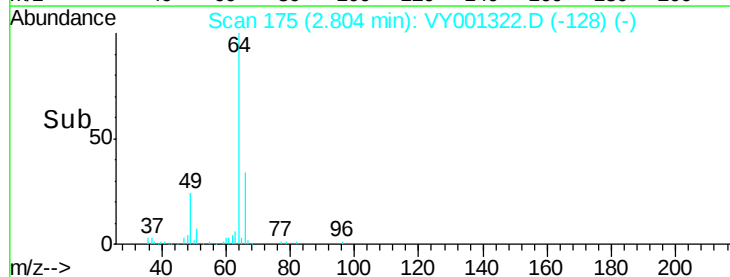


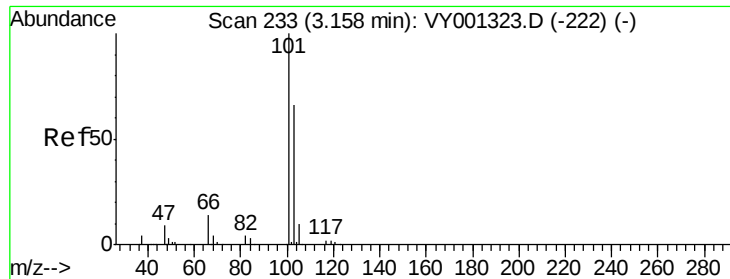
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



Time-->





#7

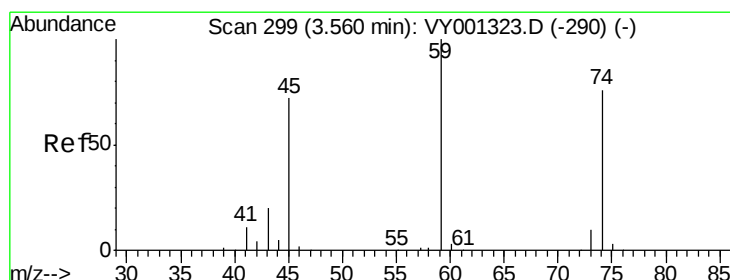
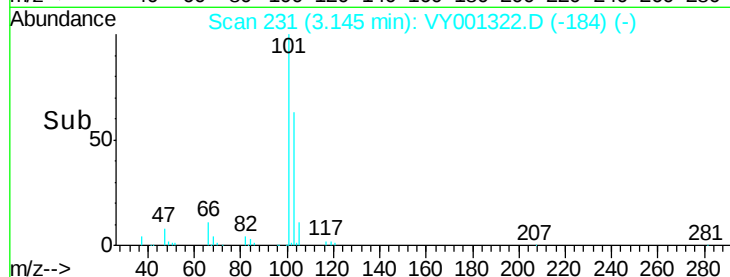
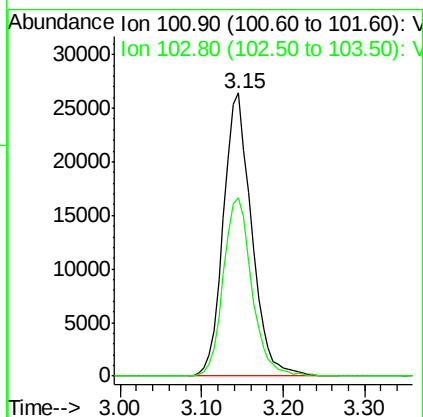
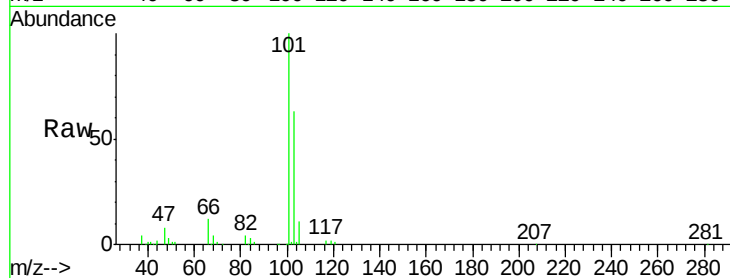
Trichlorofluoromethane
Concen: 21.070 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.5	78.7

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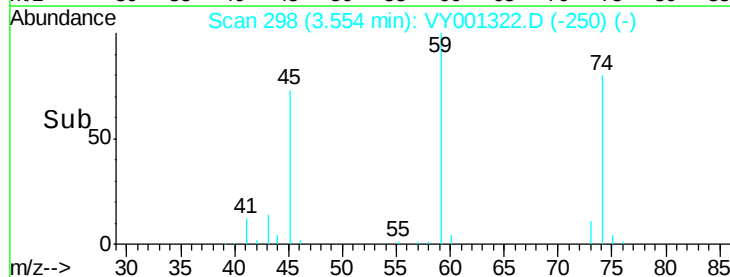
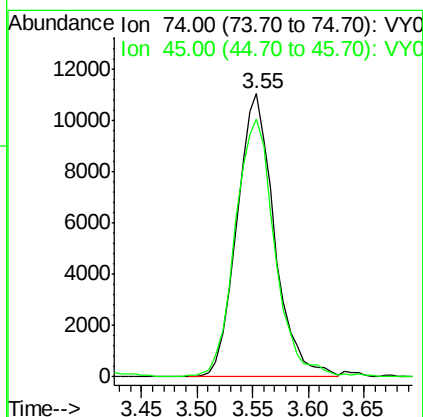
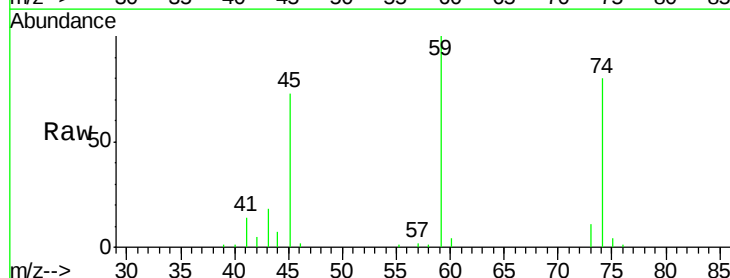
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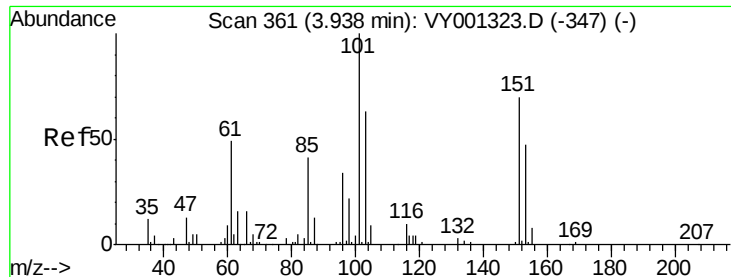


#8

Diethyl Ether
Concen: 21.952 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.532 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

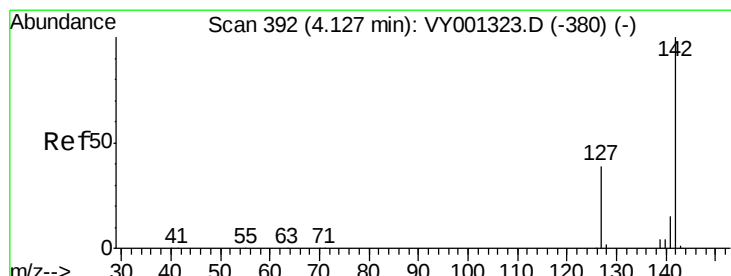
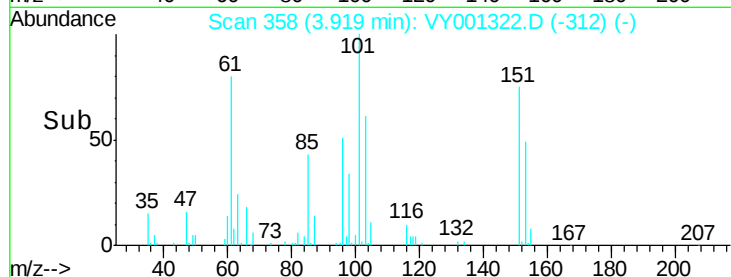
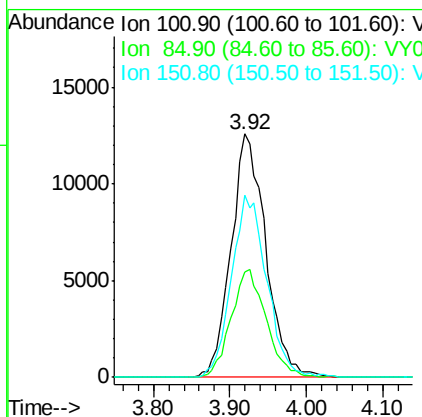
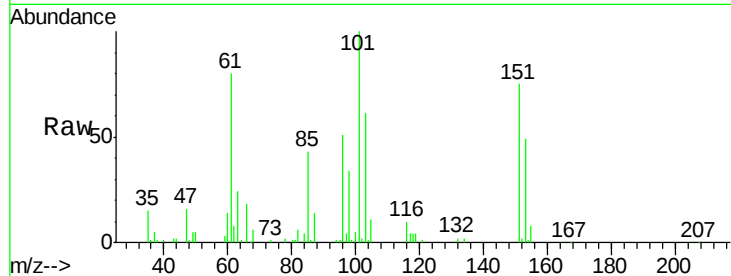
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	39599
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.9	52.3
151	75.9	59.9	89.9

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#10

Methyl Iodide

Concen: 19.997 ug/l

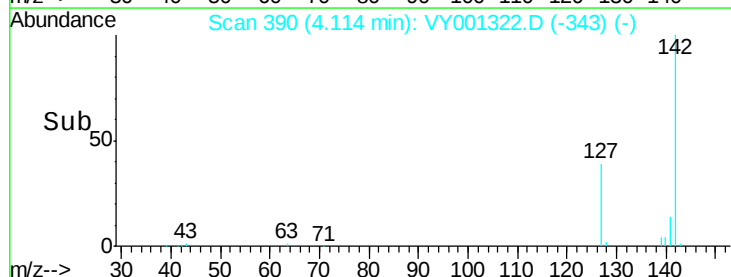
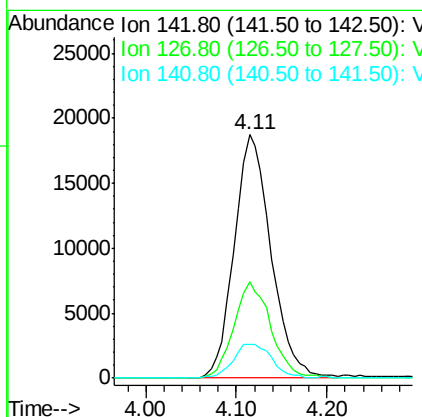
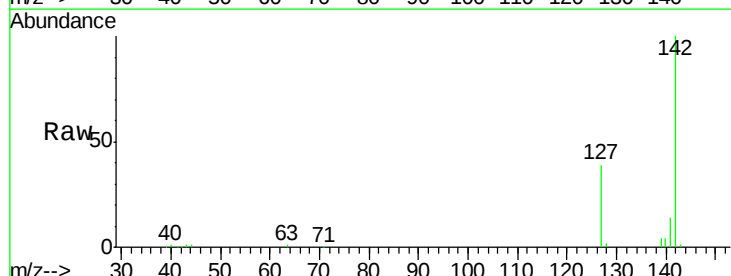
RT: 4.11 min Scan# 390

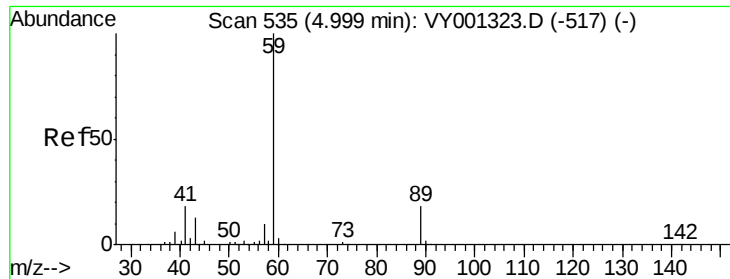
Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion:	142	Resp:	52824
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.6	47.4
141	14.7	11.2	16.8





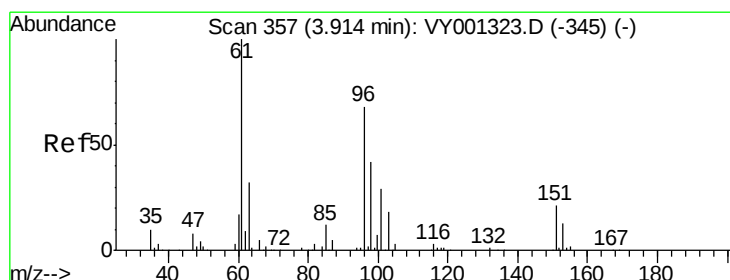
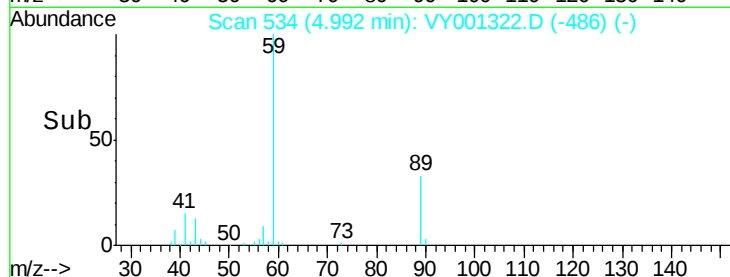
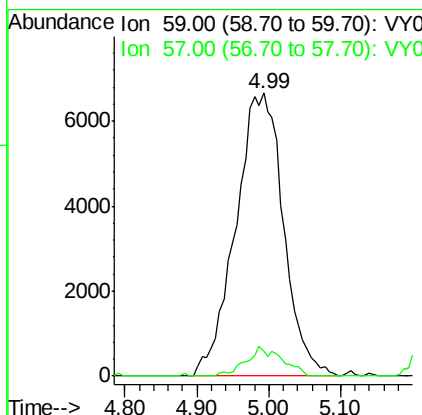
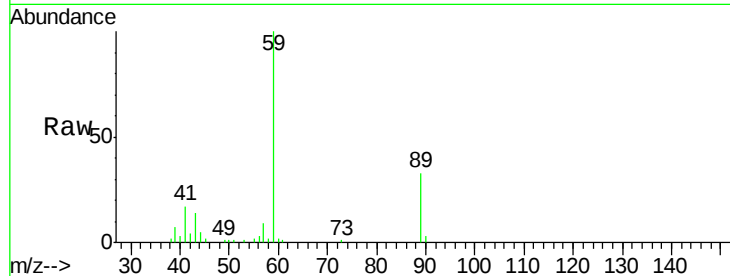
#11
Tert butyl alcohol
Concen: 142.469 ug/l
RT: 4.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 59 Resp: 30694
Ion Ratio Lower Upper
59 100
57 4.6 7.4 11.2#

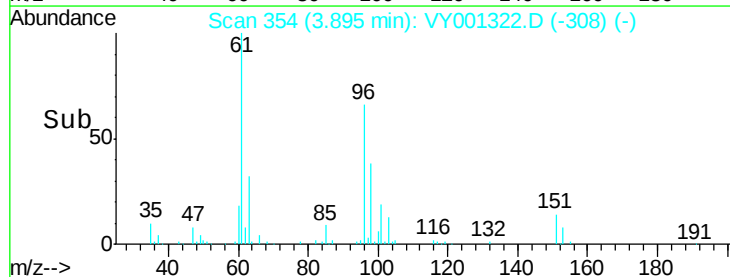
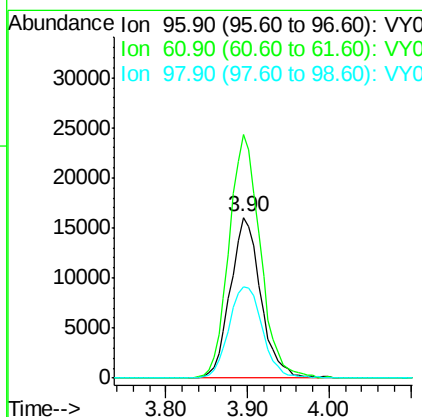
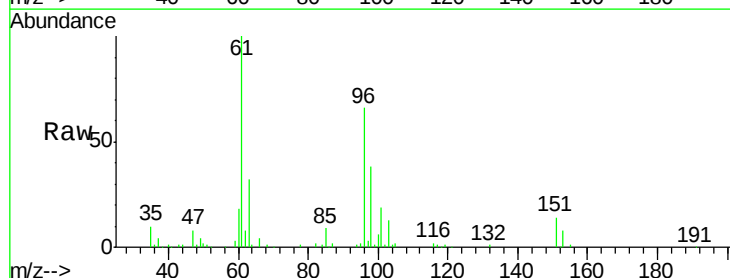
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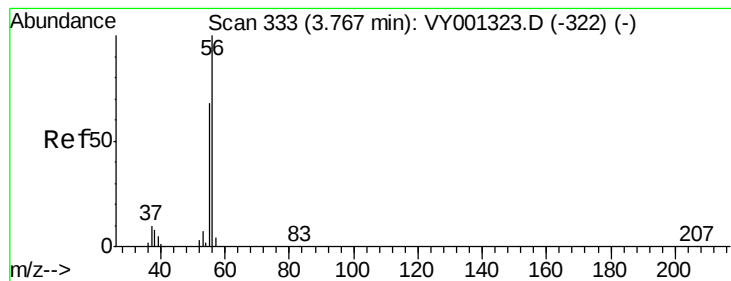
MMDadoda
1/22/2020 10:49:30 AM



#12
1,1-Dichloroethene
Concen: 20.937 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion: 96 Resp: 41384
Ion Ratio Lower Upper
96 100
61 151.2 118.0 177.0
98 57.0 49.4 74.2





#13

Acrolein

Concen: 111.393 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 19818

Ion Ratio Lower Upper

56 100

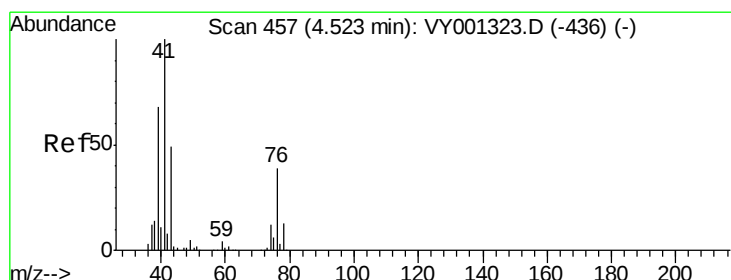
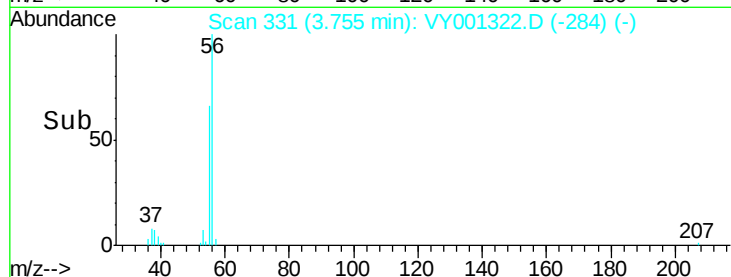
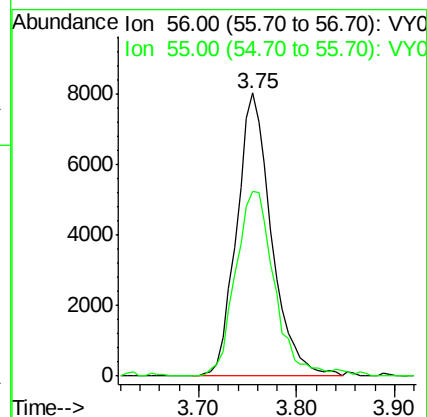
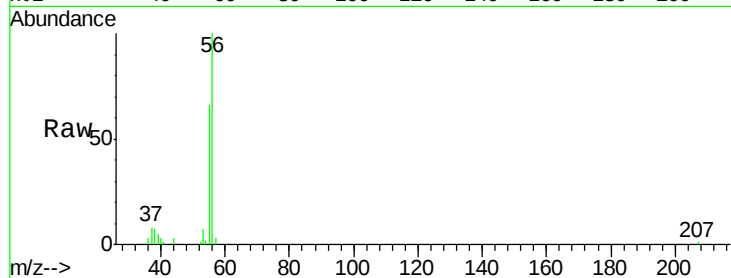
55 72.2 55.9 83.9

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#14

Allyl chloride

Concen: 21.532 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

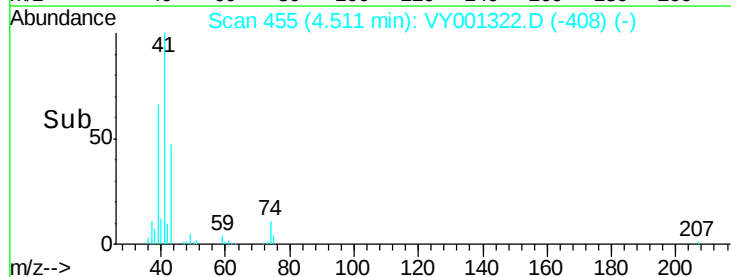
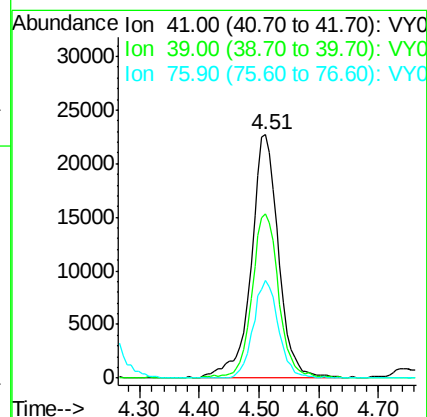
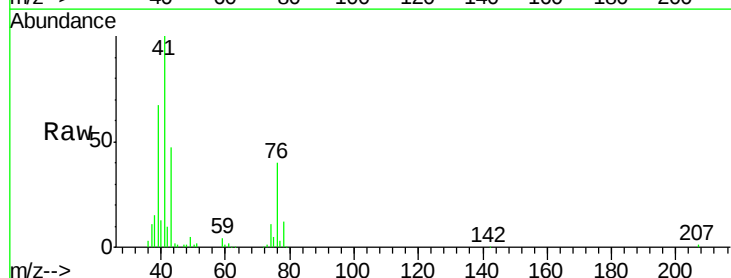
Tgt Ion: 41 Resp: 72485

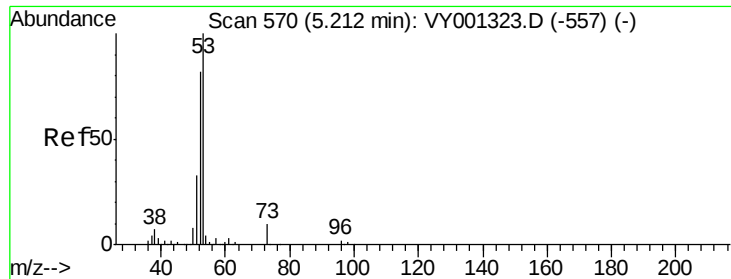
Ion Ratio Lower Upper

41 100

39 66.2 52.2 78.4

76 36.9 29.1 43.7





#15

Acrylonitrile

Concen: 107.507 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

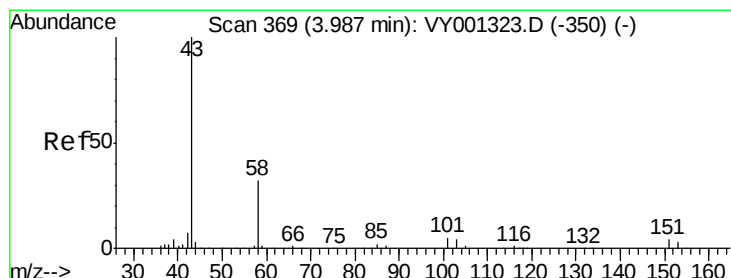
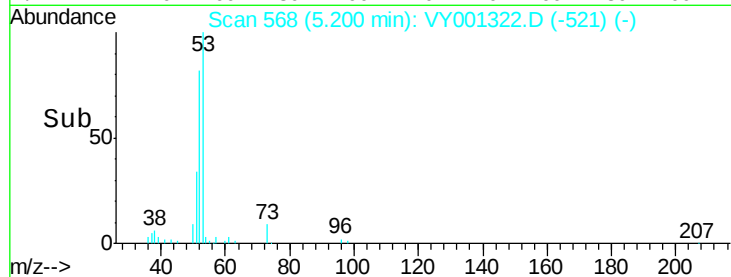
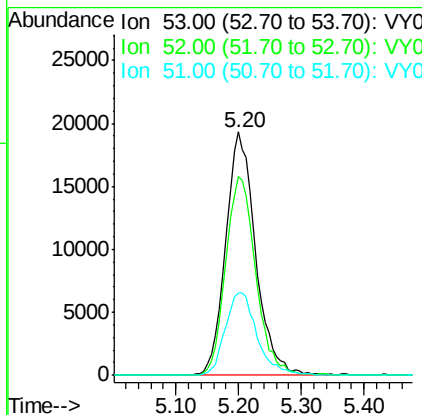
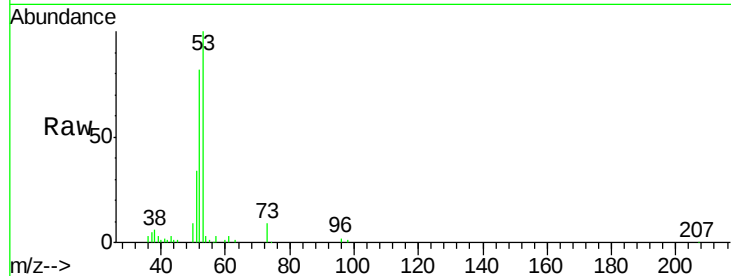
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	63848
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	36.1	28.4	42.6

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#16

Acetone

Concen: 110.600 ug/l

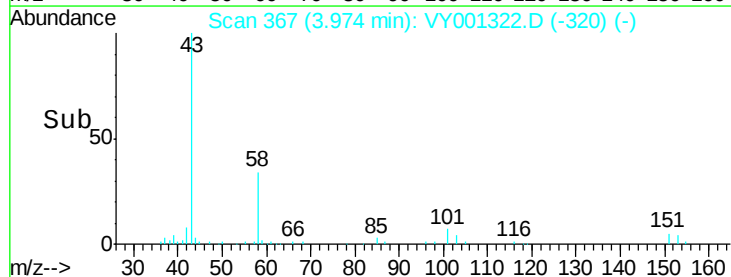
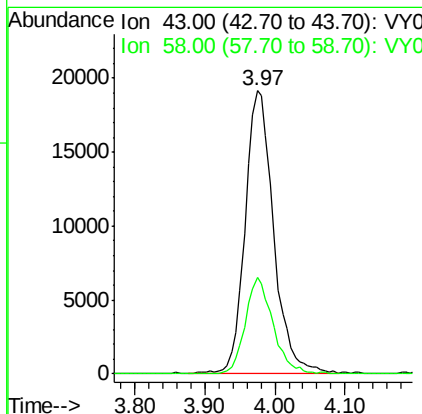
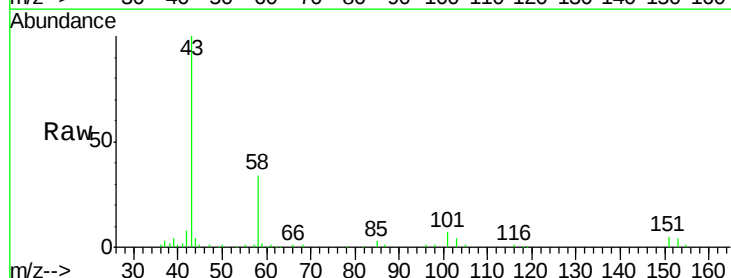
RT: 3.97 min Scan# 367

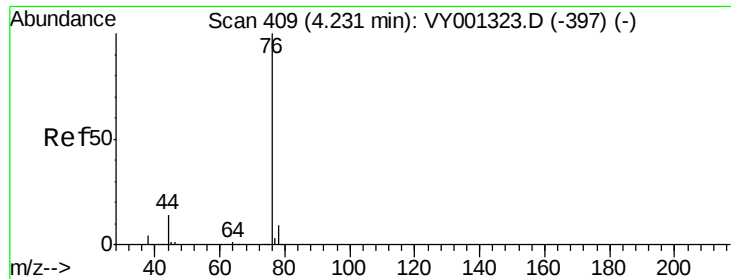
Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion:	43	Resp:	54424
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.4	38.0





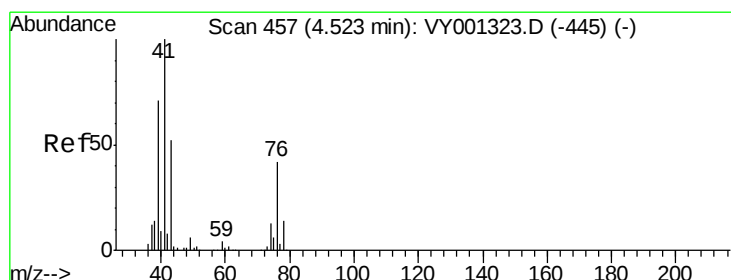
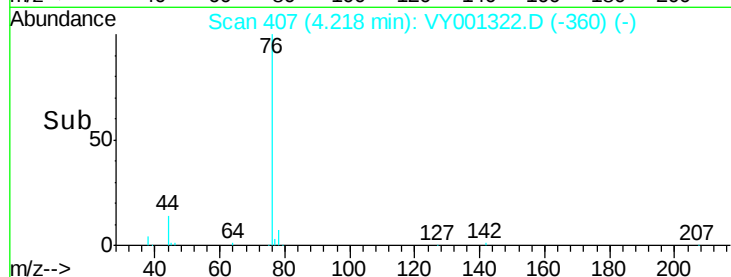
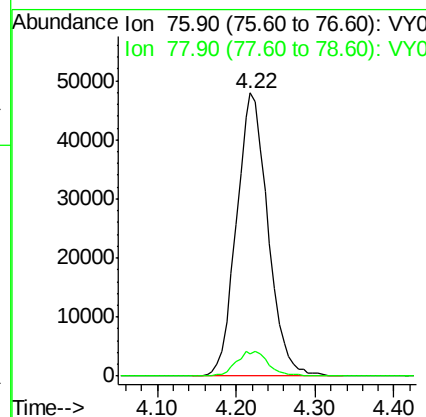
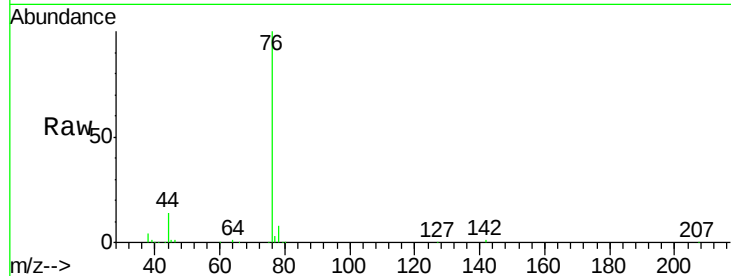
#17
Carbon Disulfide
Concen: 20.964 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.0	10.6

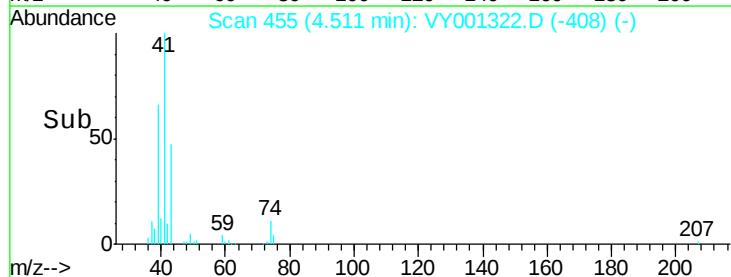
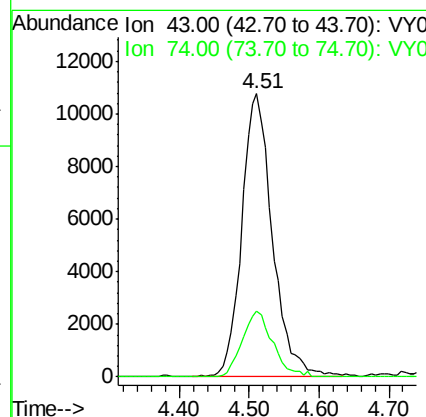
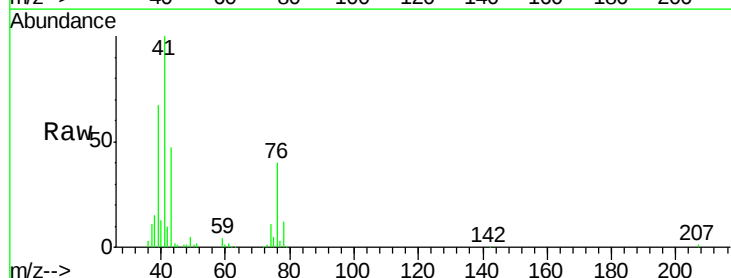
Manual Integrations
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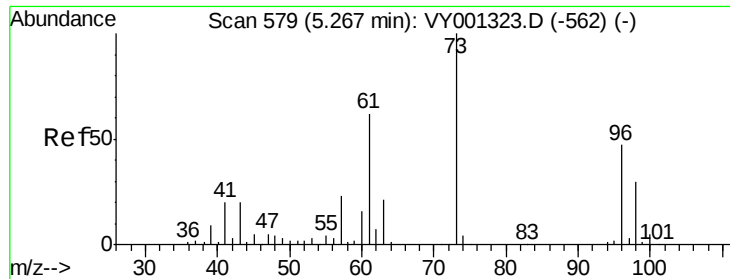
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#18
Methyl Acetate
Concen: 20.653 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.4	29.2





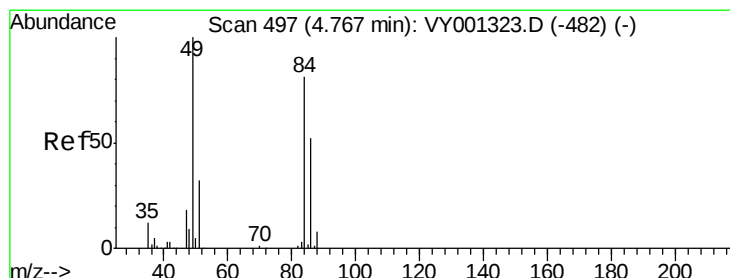
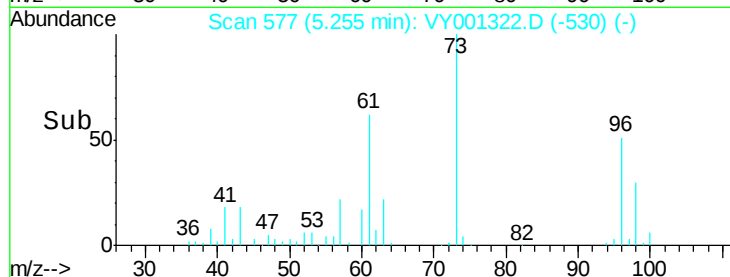
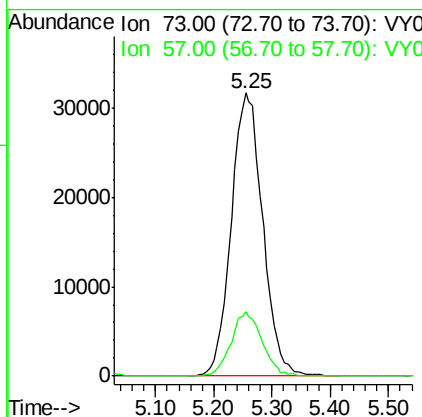
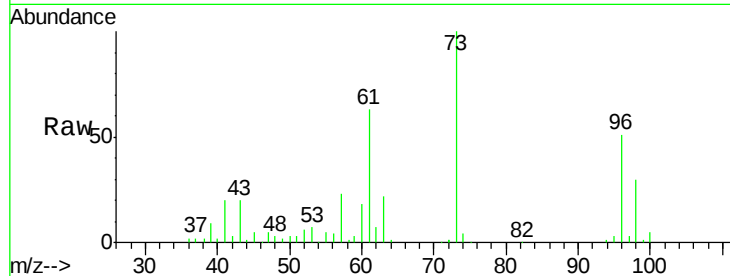
#19
Methvl tert-butvl Ether
Concen: 21.480 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 118415
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2

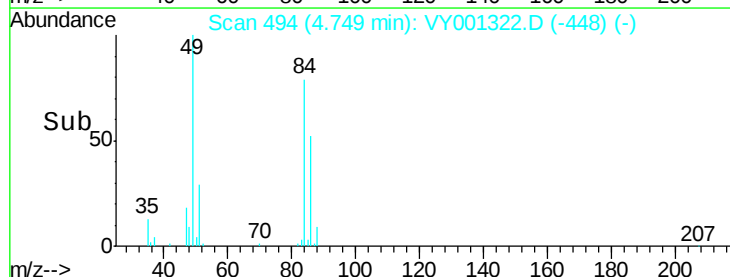
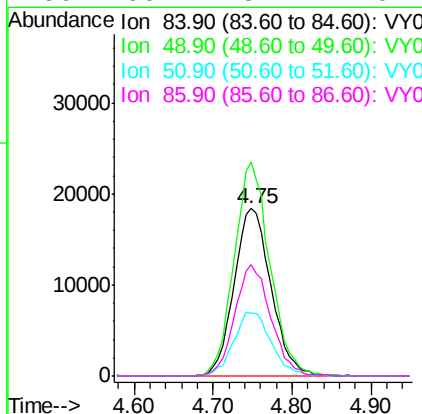
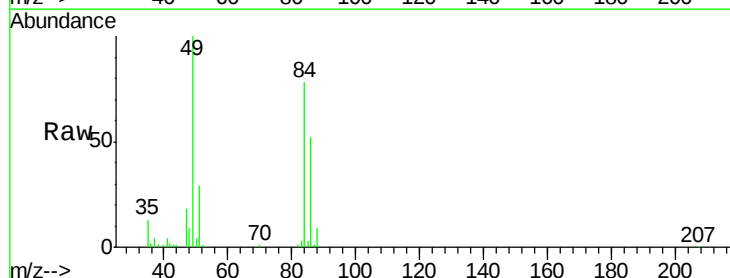
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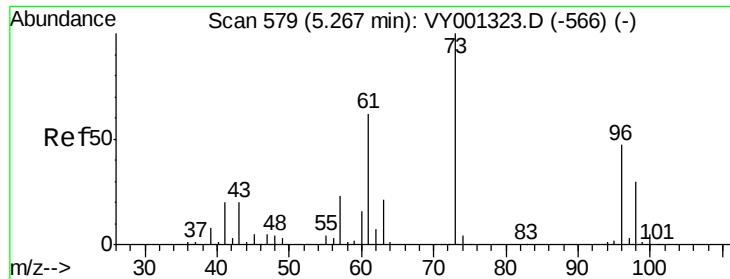
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#20
Methylene Chloride
Concen: 22.364 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion: 84 Resp: 59918
Ion Ratio Lower Upper
84 100
49 127.7 98.3 147.5
51 37.3 31.6 47.4
86 66.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.611 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

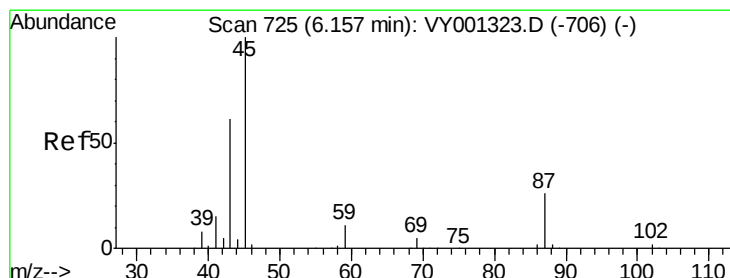
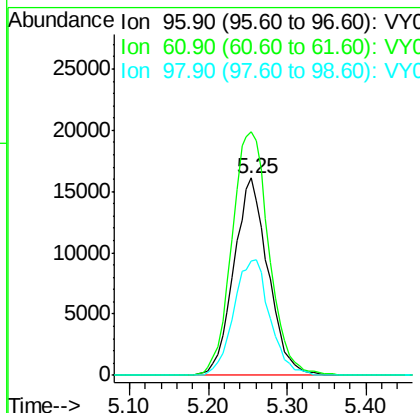
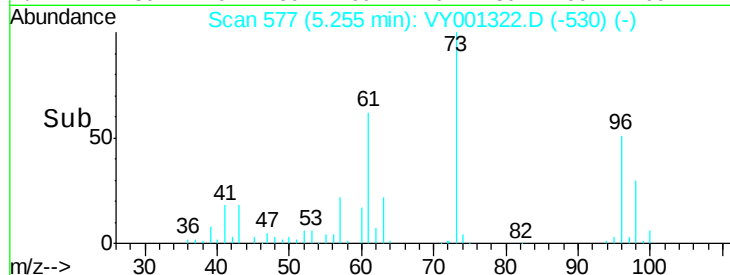
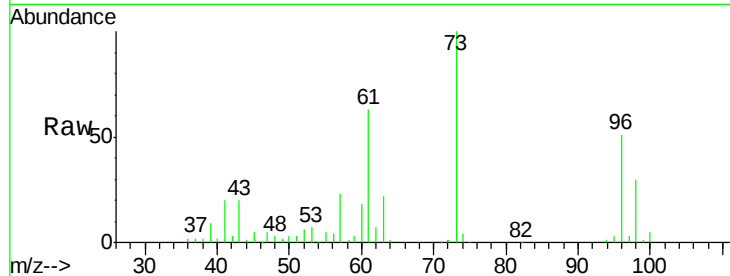
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	48510
Ion	Ratio	Lower	Upper
96	100		
61	123.6	106.8	160.2
98	58.3	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.798 ug/l

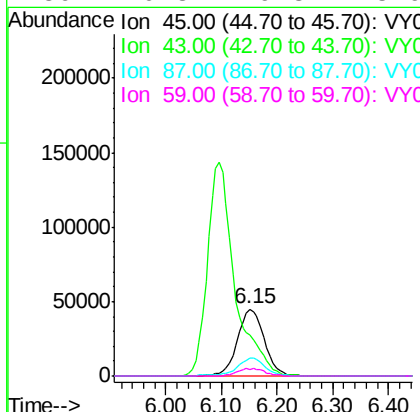
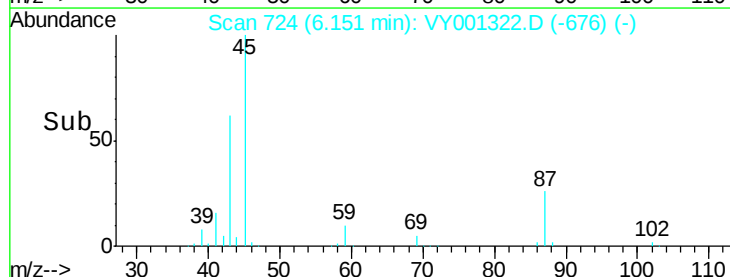
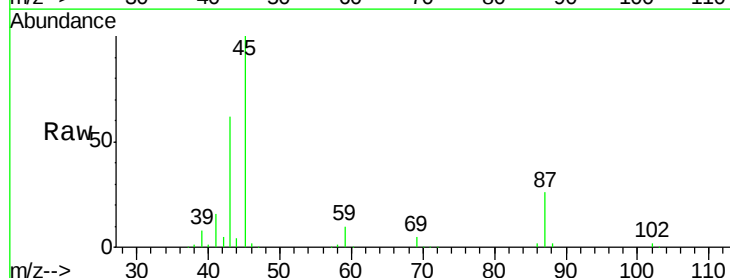
RT: 6.15 min Scan# 724

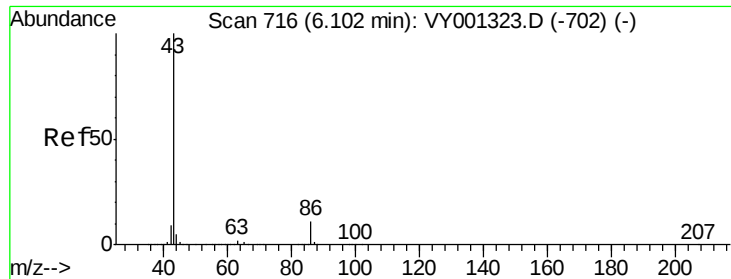
Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion:	45	Resp:	150481
Ion	Ratio	Lower	Upper
45	100		
43	61.5	49.2	73.8
87	25.9	21.4	32.2
59	10.3	9.3	13.9





#23

Vinyl Acetate

Concen: 110.912 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 491445

Ion Ratio Lower Upper

43 100

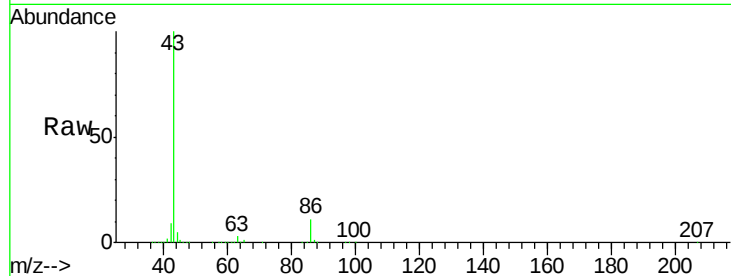
86 11.0 8.6 13.0

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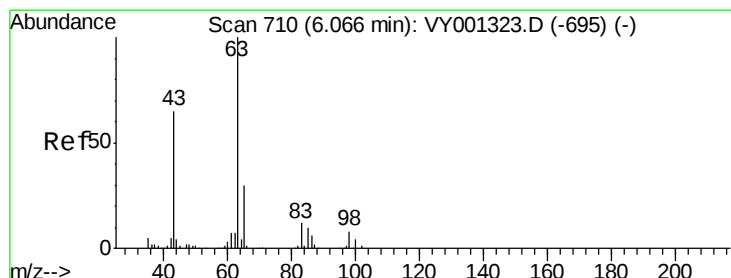
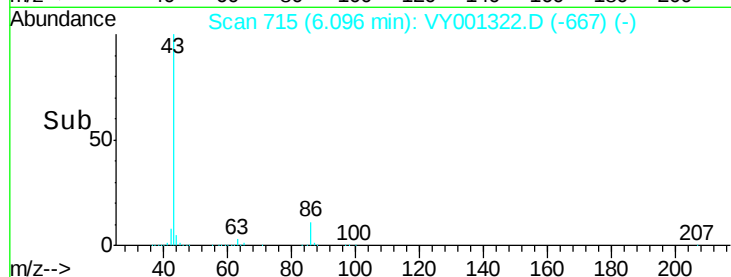
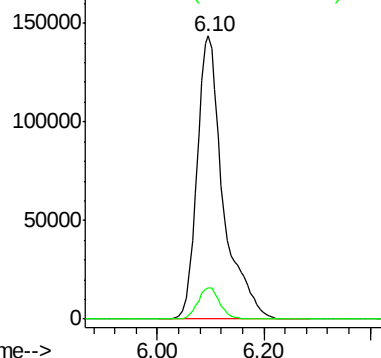
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.995 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

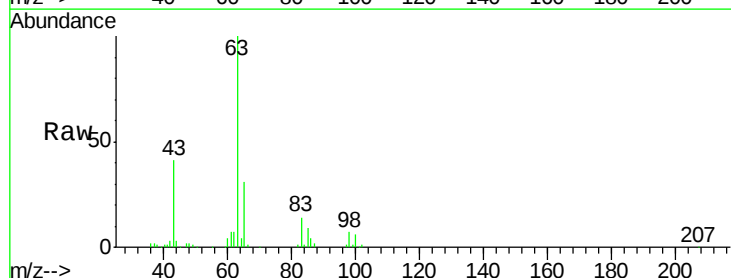
Tgt Ion: 63 Resp: 82764

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

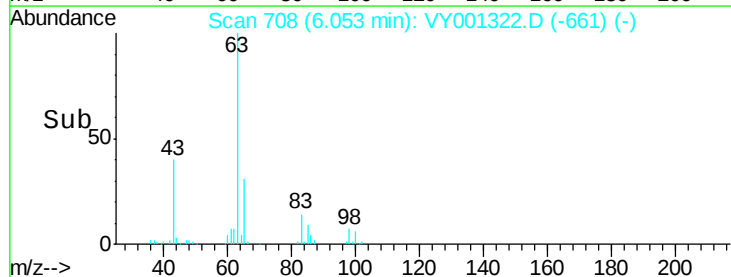
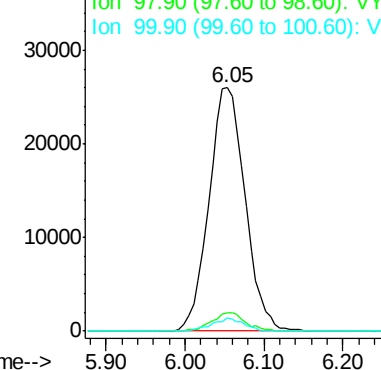
100 5.6 2.1 6.3

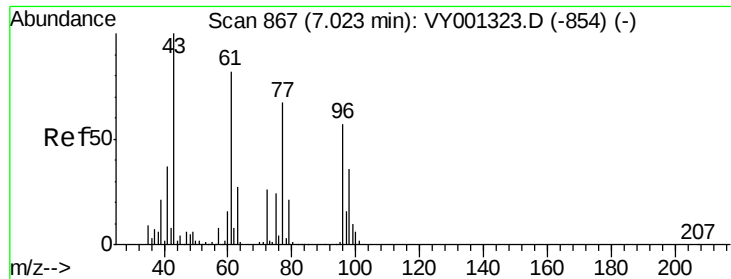


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 112.985 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 85982

Ion Ratio Lower Upper

43 100

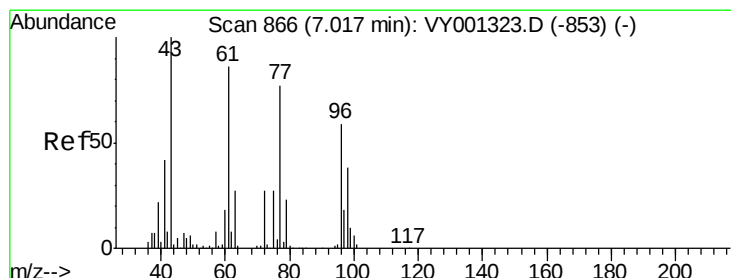
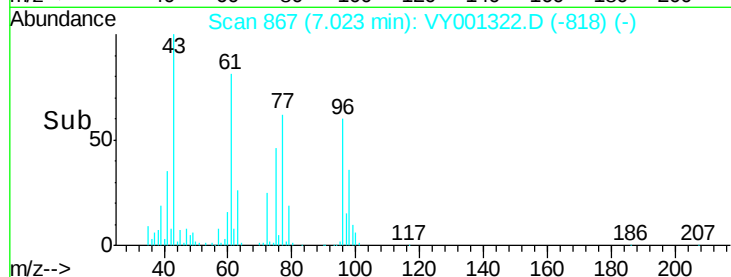
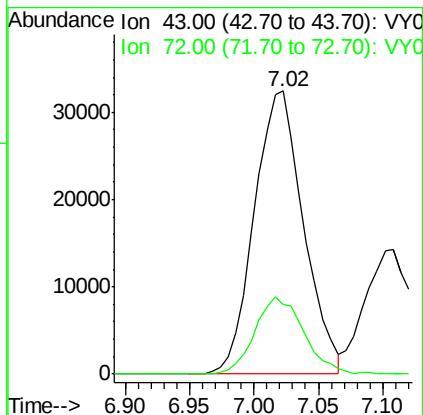
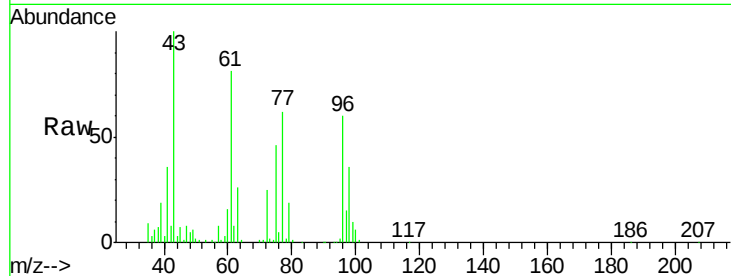
72 24.6 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 20.846 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001322.D

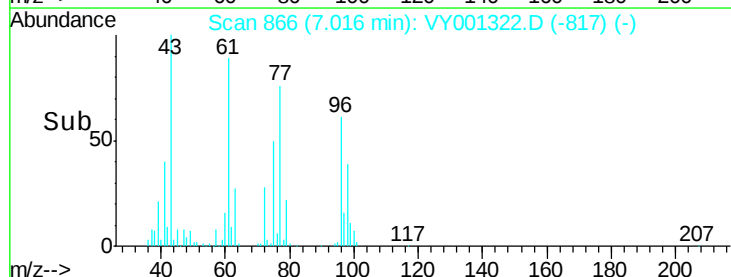
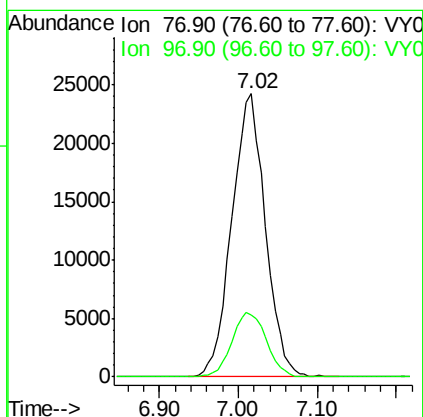
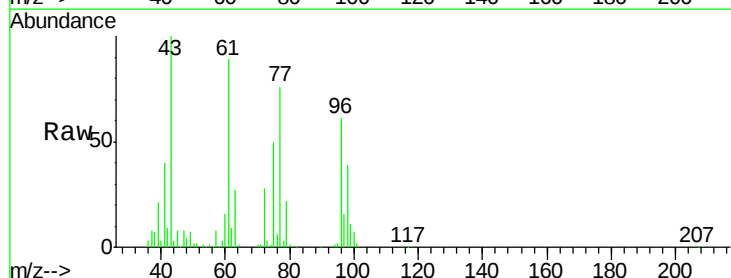
Acq: 21 Jan 2020 15:25

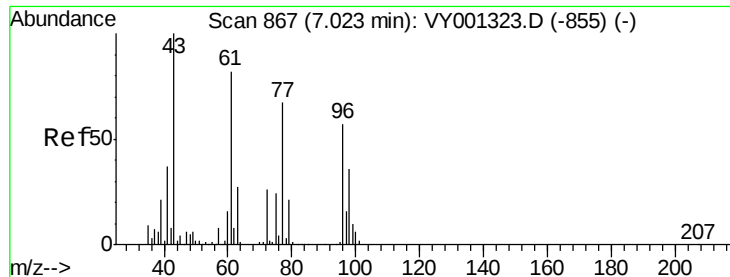
Tgt Ion: 77 Resp: 71677

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

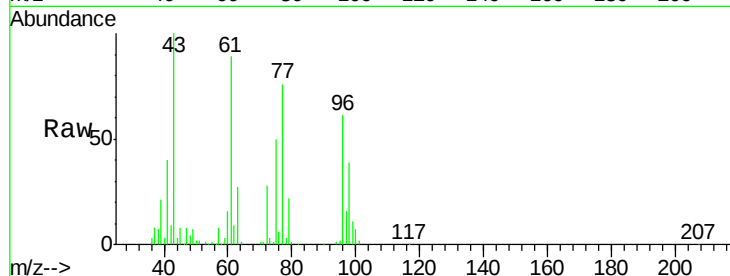
cis-1,2-Dichloroethene
Concen: 21.759 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

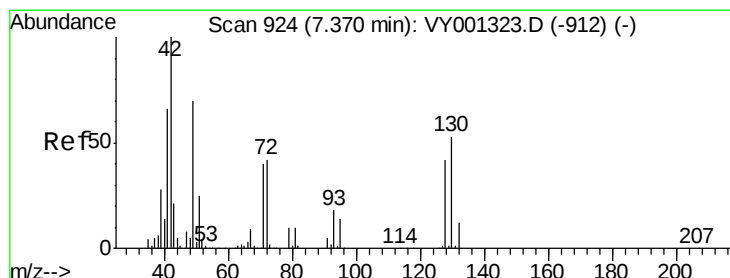
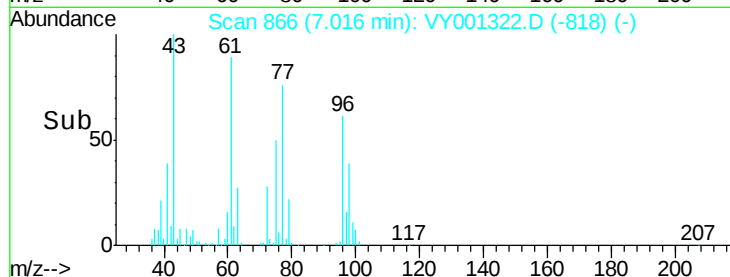
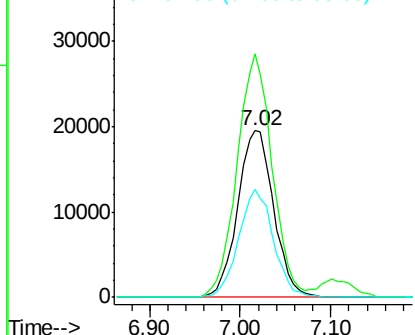
Tot Ion	Ratio	Resp	Lower	Upper
96	100	53691		
61	142.4		0.0	284.8
98	62.5		0.0	128.4

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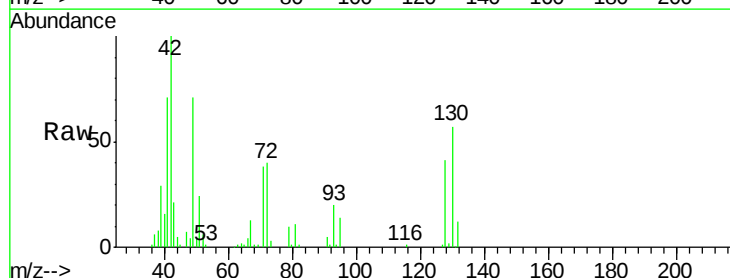
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



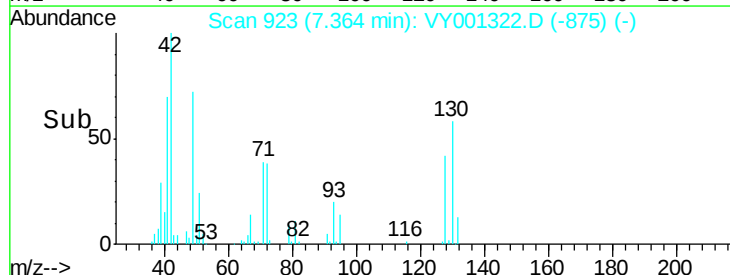
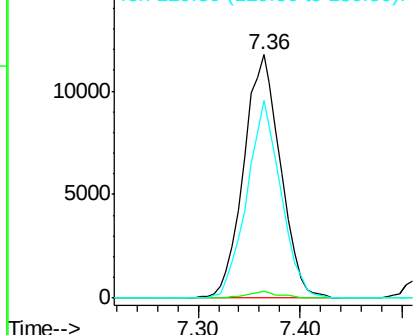
#28

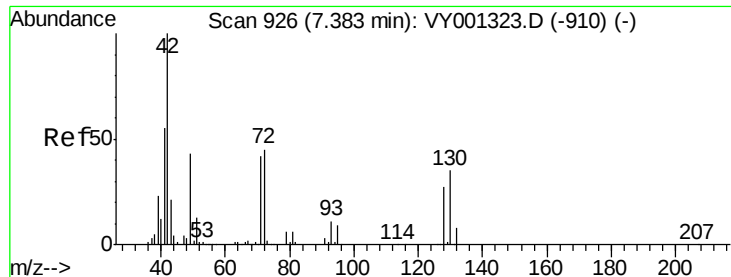
Bromochloromethane
Concen: 19.211 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29466		
129	2.3		0.0	4.0
130	75.2		58.9	88.3



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





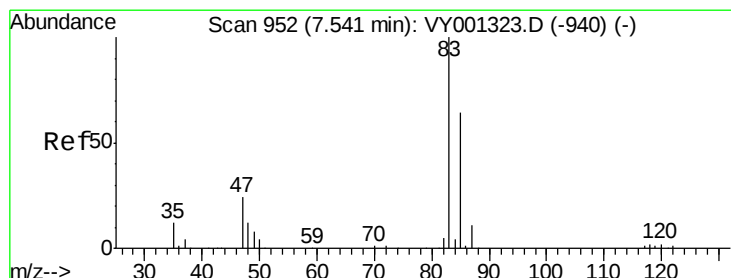
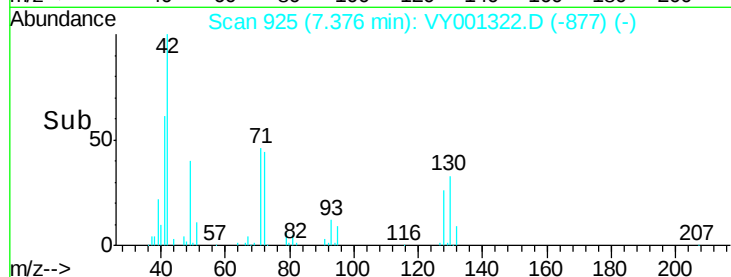
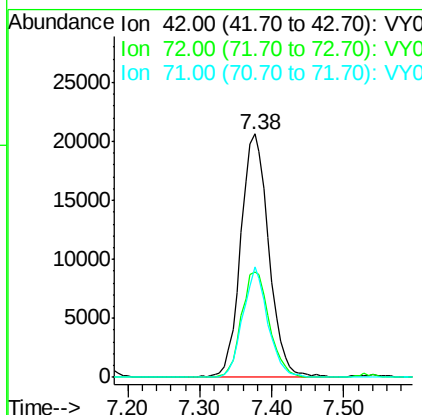
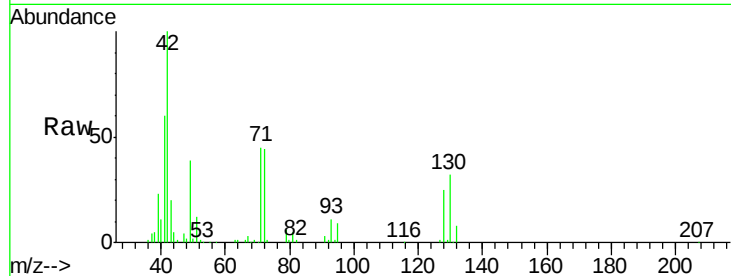
#29
Tetrahydrofuran
Concen: 108.245 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.6	51.8
71	40.1	32.6	48.8

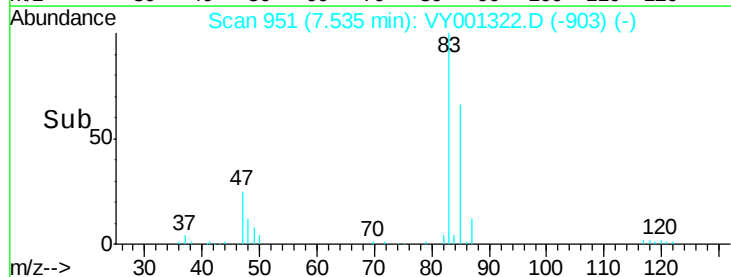
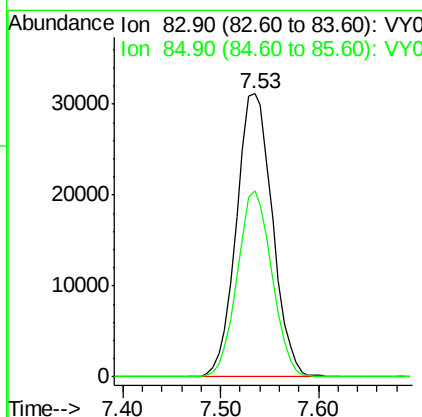
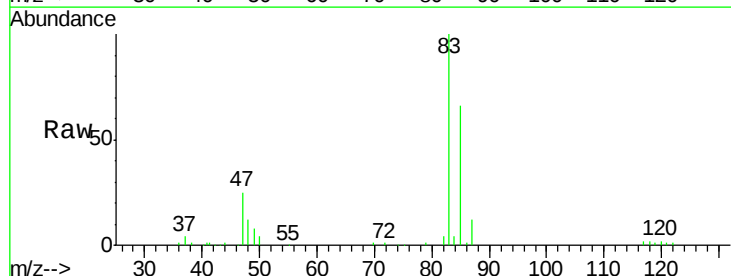
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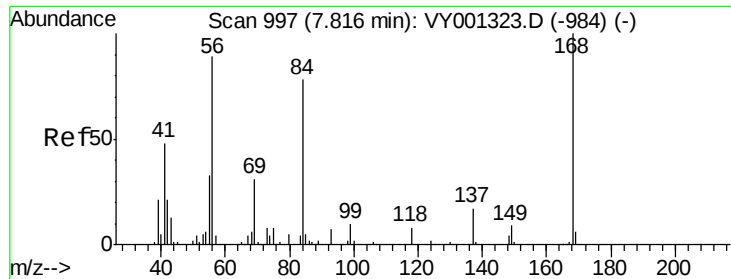
MMDadoda
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#30
Chloroform
Concen: 21.687 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.5	77.3





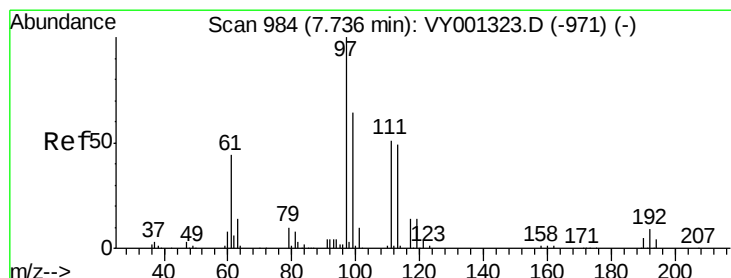
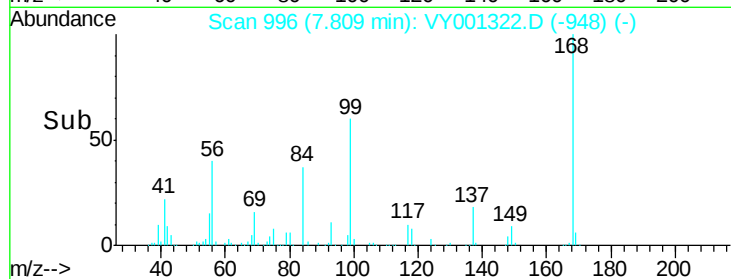
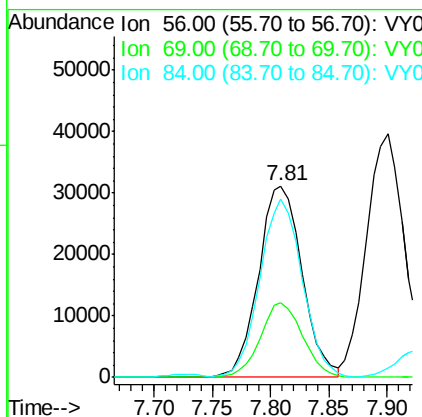
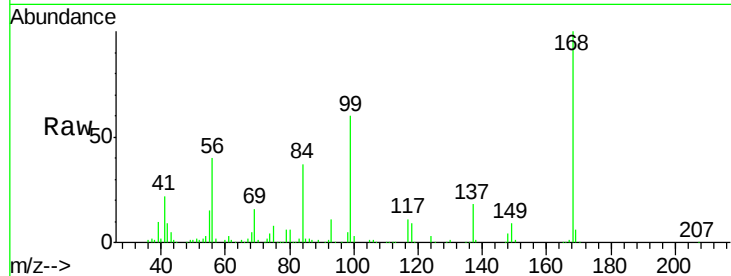
#31
Cyclohexane
Concen: 20.469 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.0	27.6	41.4
84	91.5	69.7	104.5

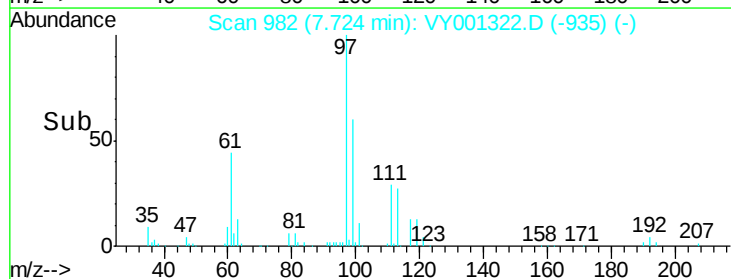
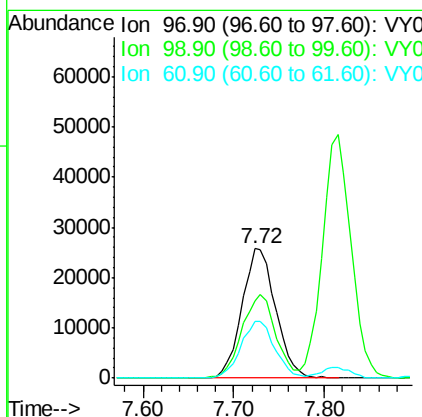
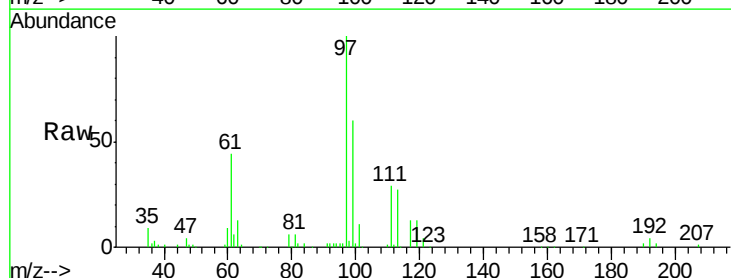
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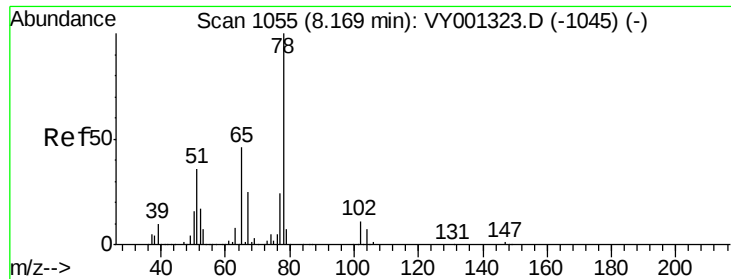
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#32
1,1,1-Trichloroethane
Concen: 20.409 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	44.2	35.9	53.9





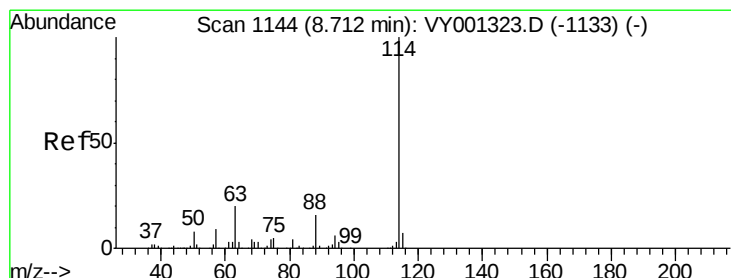
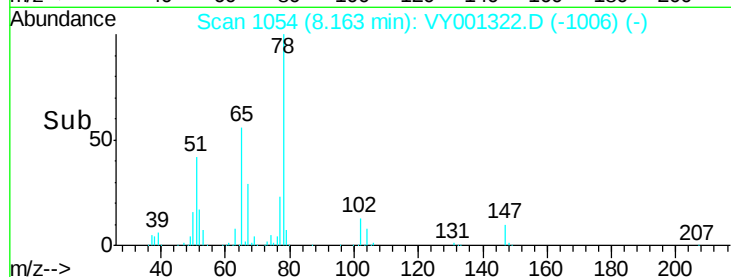
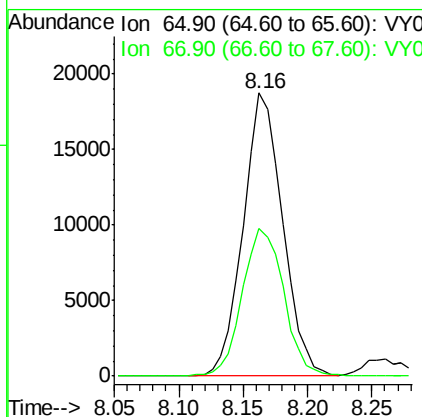
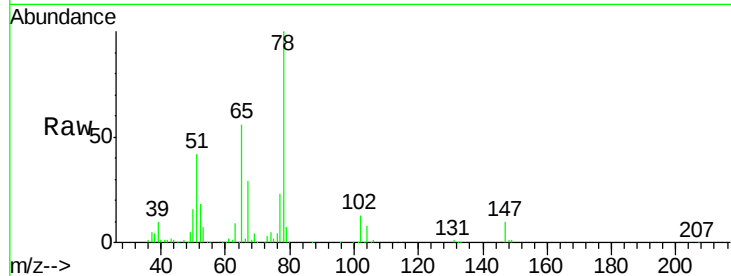
#33
 1,2-Dichloroethane-d4
 Concen: 19.518 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.6

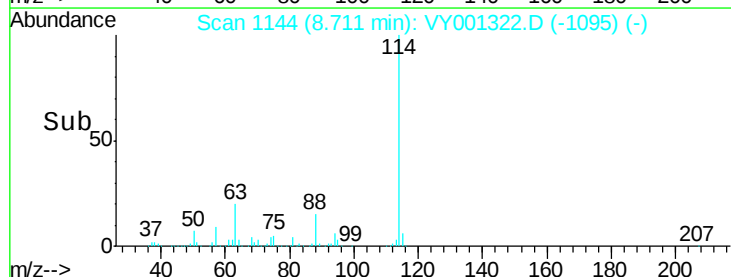
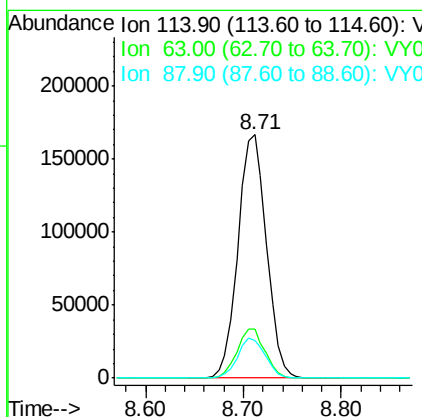
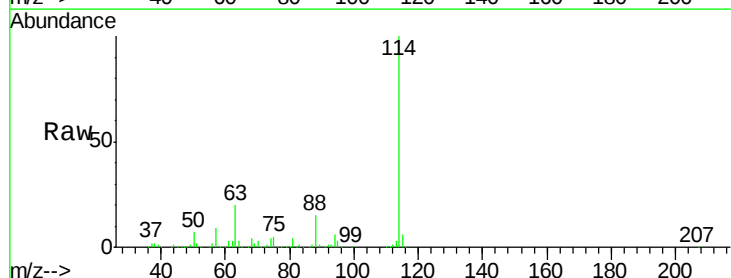
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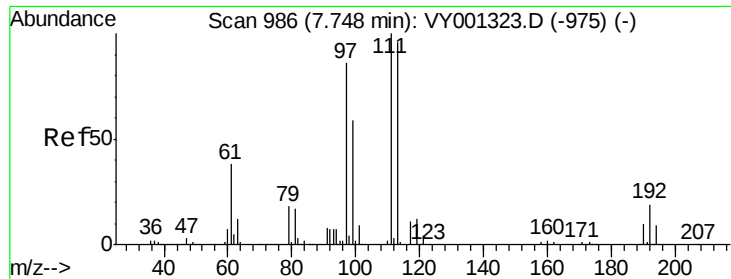
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.5	0.0	31.0





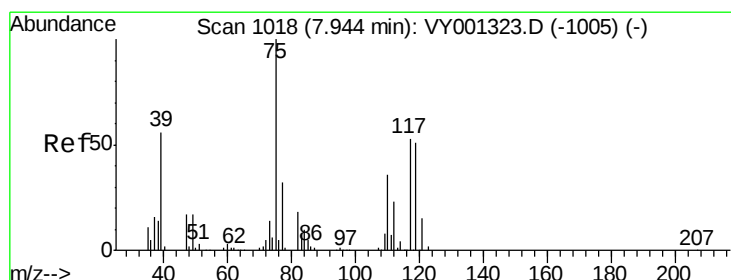
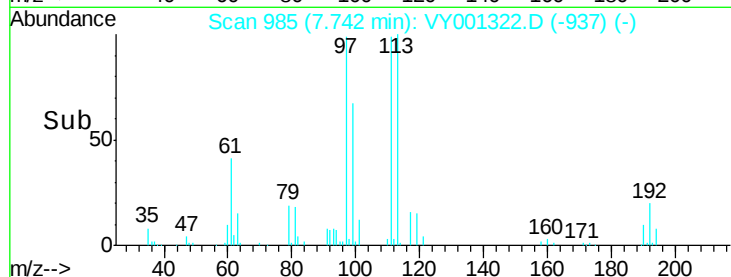
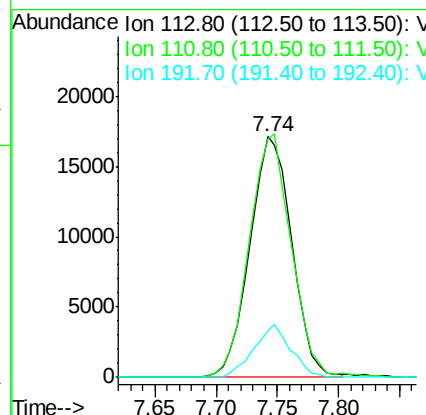
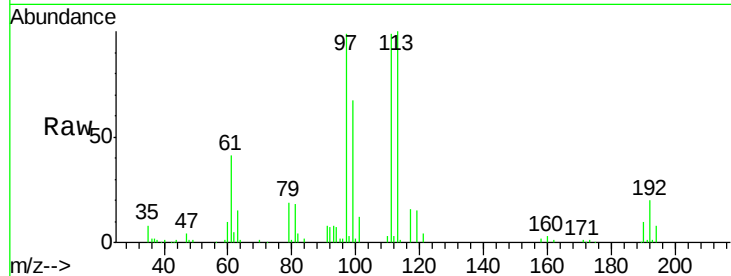
#35
Dibromofluoromethane
Concen: 20.747 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	40858		
111	101.5	82.8	124.2	
192	19.4	15.5	23.3	

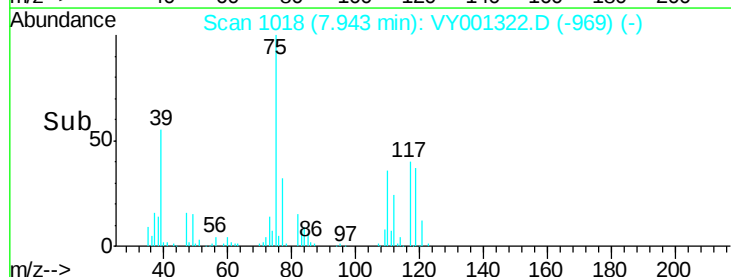
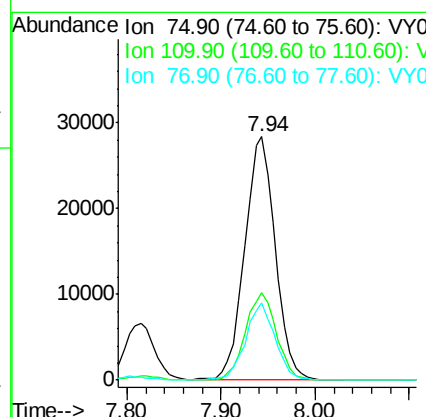
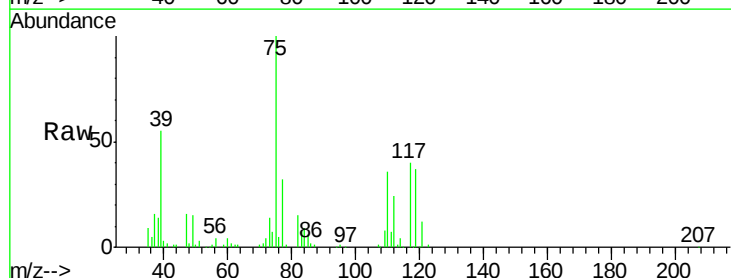
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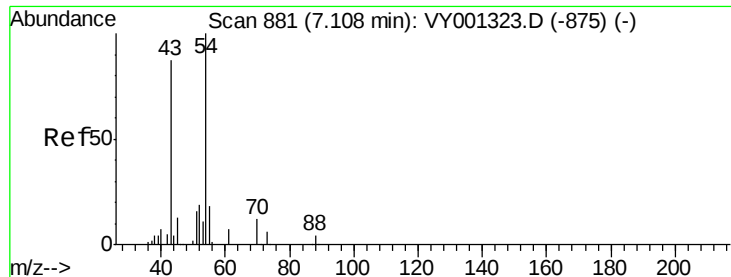
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#36
1,1-Dichloropropene
Concen: 21.023 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64620		
110	36.3	17.6	52.8	
77	30.4	24.7	37.1	





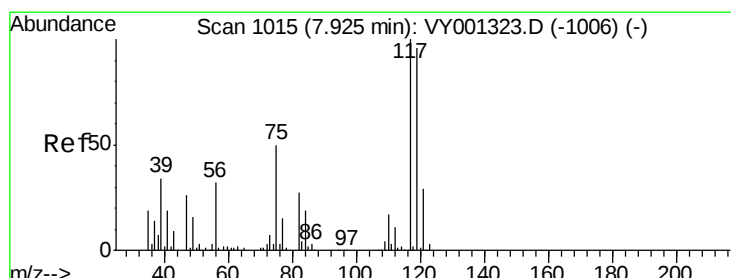
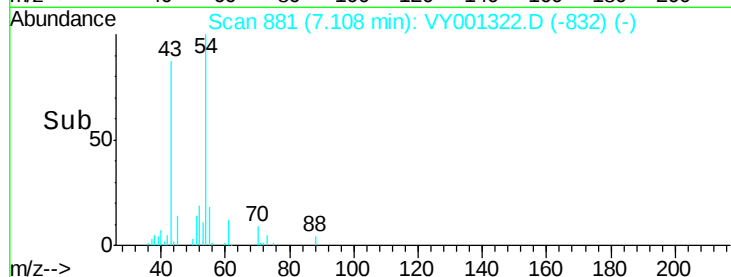
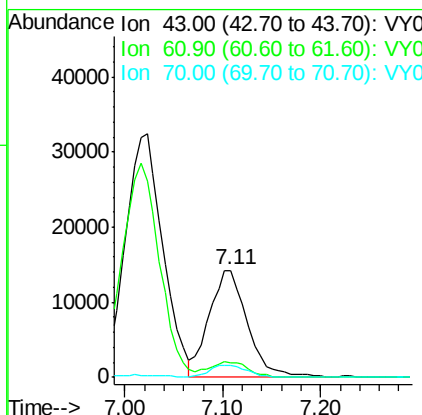
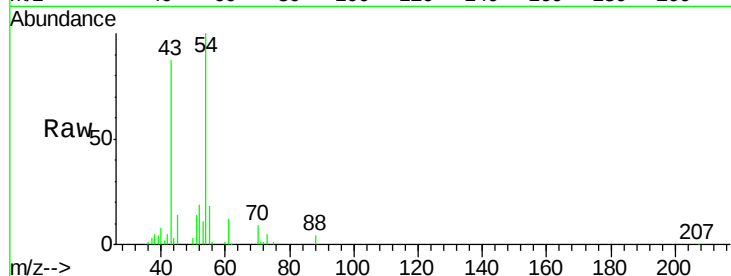
#37
Ethyl Acetate
Concen: 21.268 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	11.1	8.7	13.1

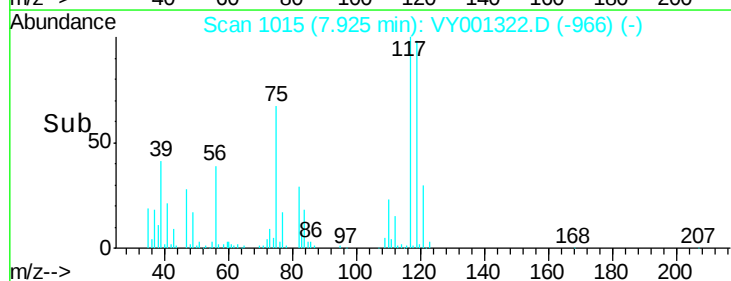
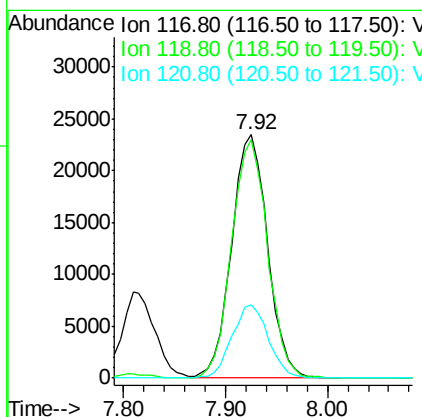
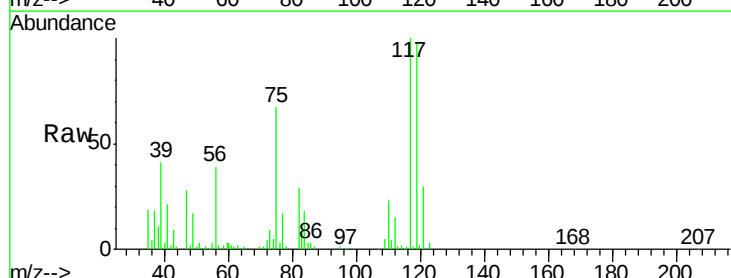
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#38
Carbon Tetrachloride
Concen: 20.435 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
121	29.9	23.5	35.3





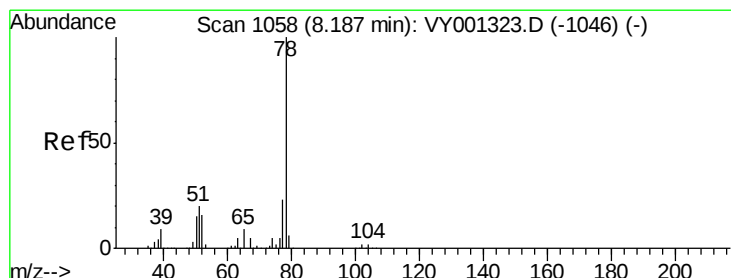
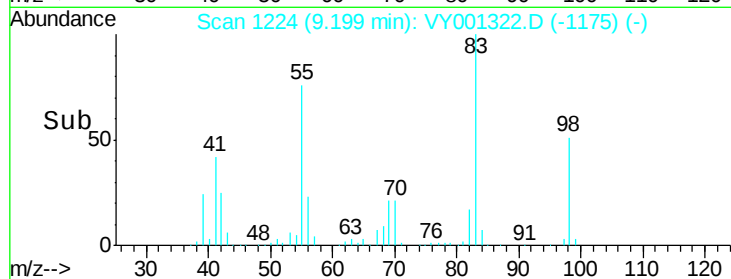
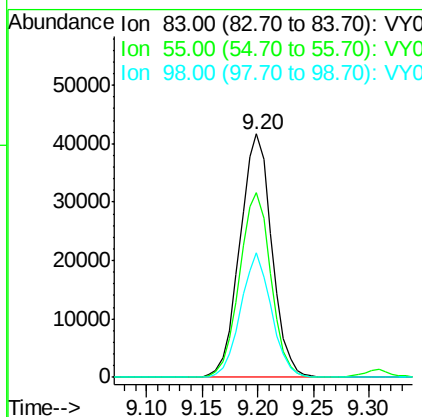
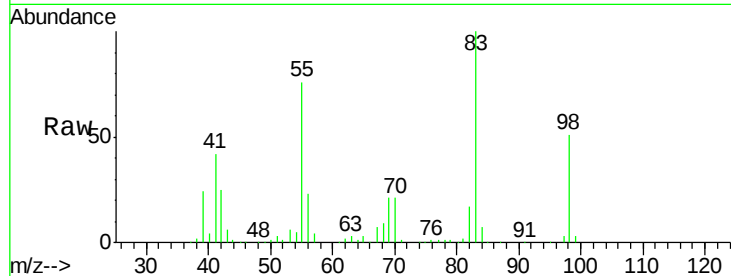
#39
Methvlcvclohexane
Concen: 20.022 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	82860
Ion Ratio	100	Lower	Upper
83	100		
55	75.9	60.7	91.1
98	51.1	37.8	56.8

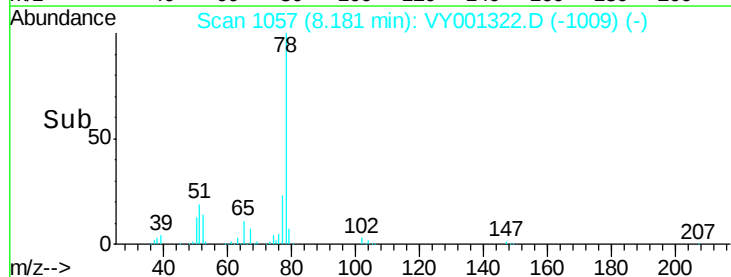
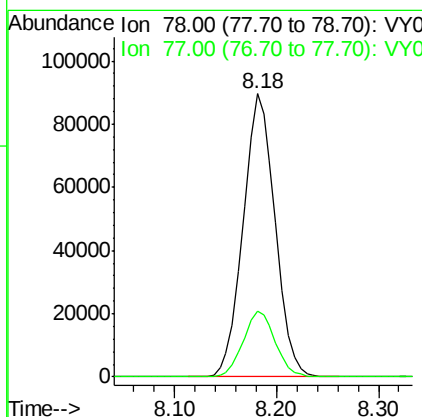
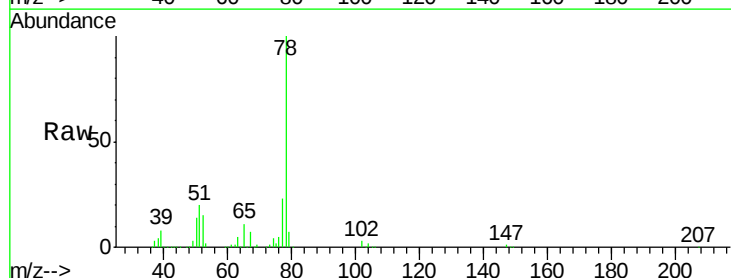
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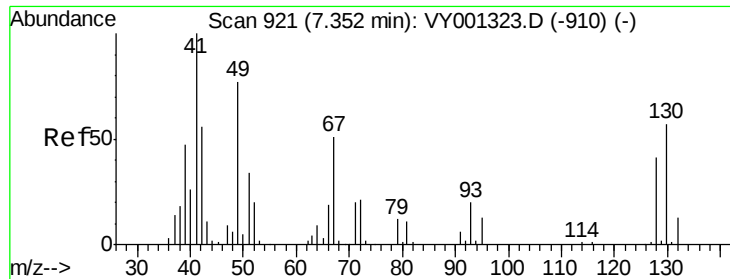
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#40
Benzene
Concen: 21.620 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	78	Resp	195107
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	18.6	27.8





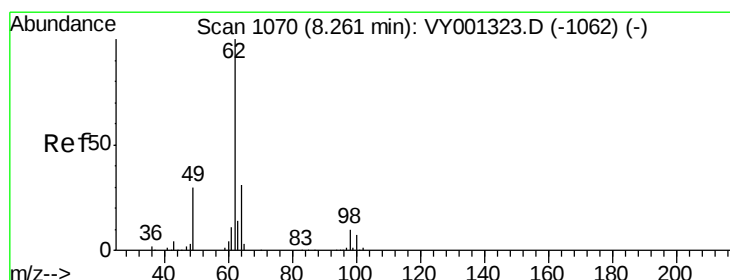
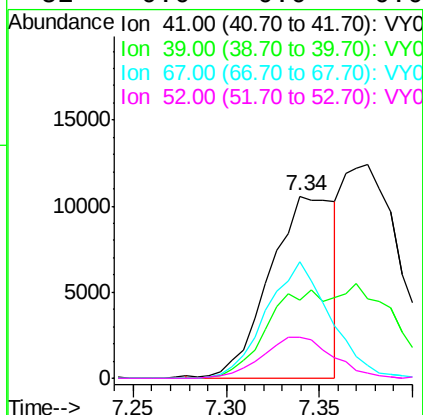
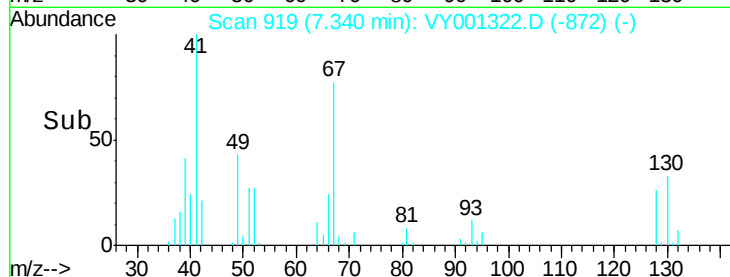
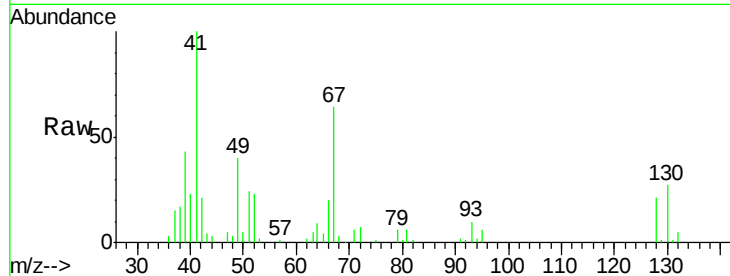
#41
Methacrylonitrile
Concen: 29.626 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	41	Resp	25499
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

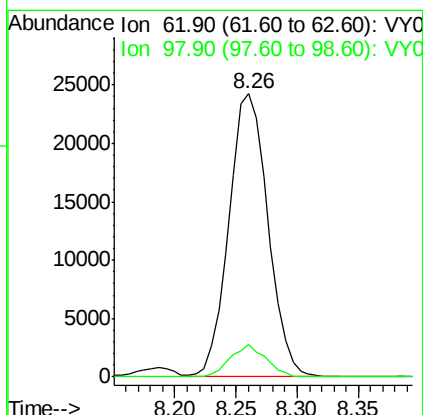
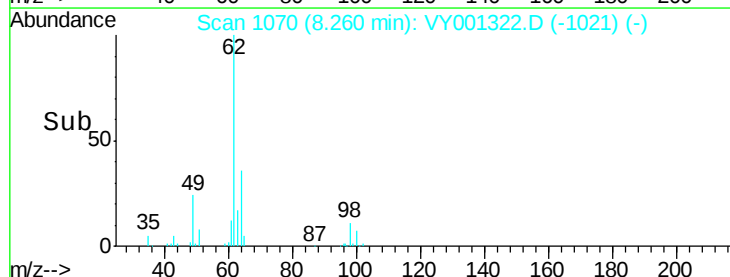
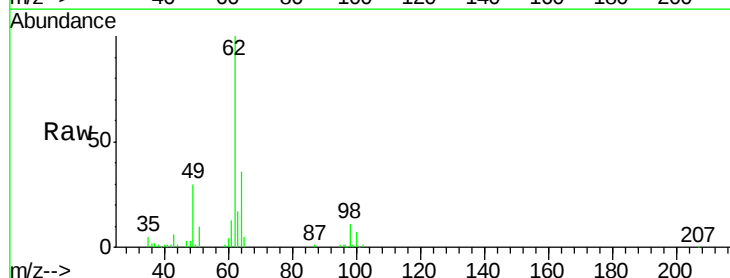
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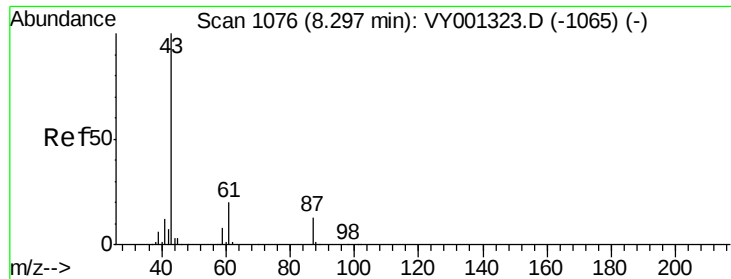
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.260 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	62	Resp	53691
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	20.8





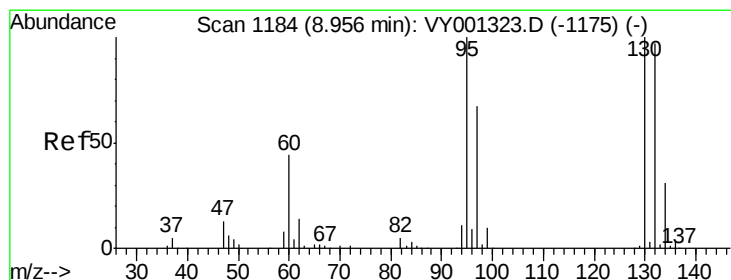
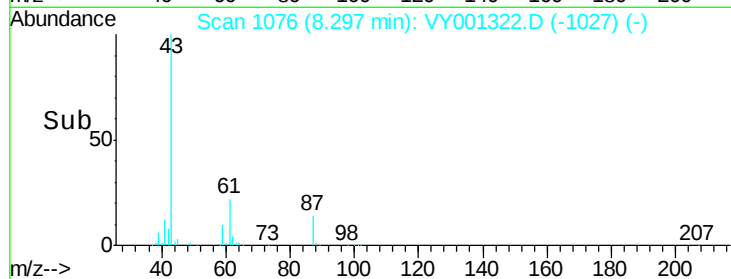
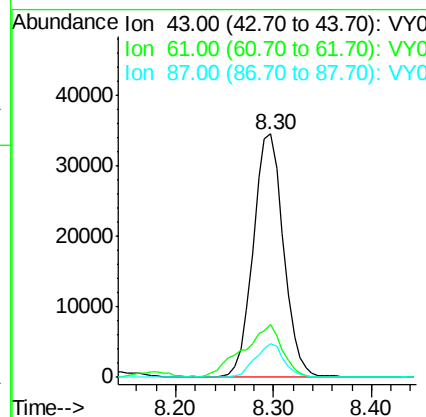
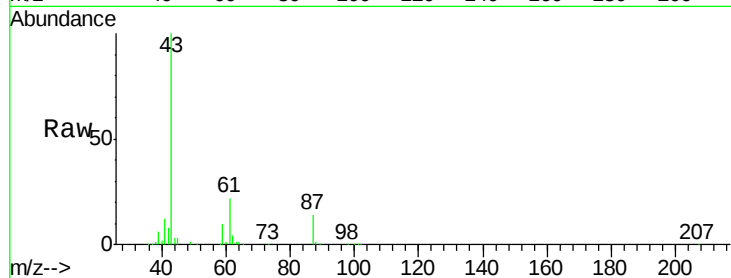
#43
Isopropyl Acetate
Concen: 21.196 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	22.7	34.1
87	13.0	11.0	16.4

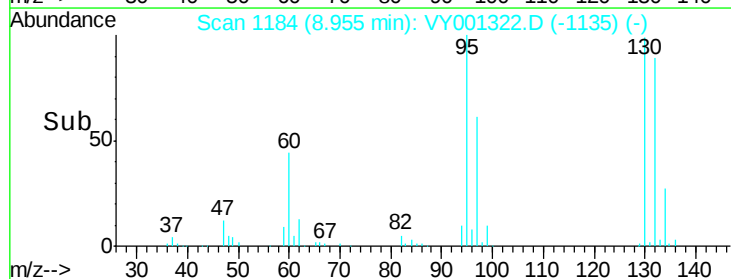
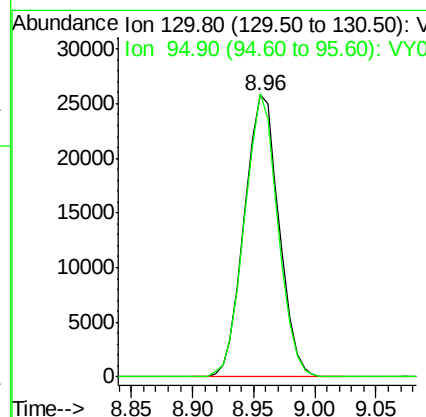
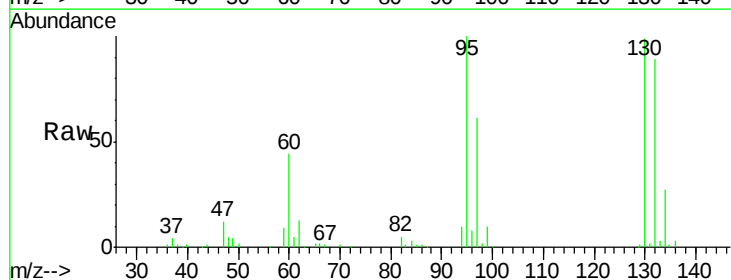
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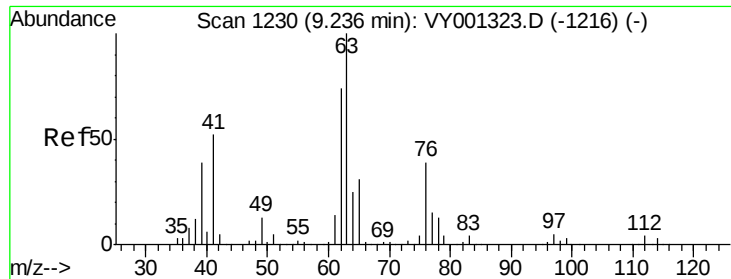
MMDadoda
1/22/2020 10:49:30 AM



#44
Trichloroethene
Concen: 21.796 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	200.0





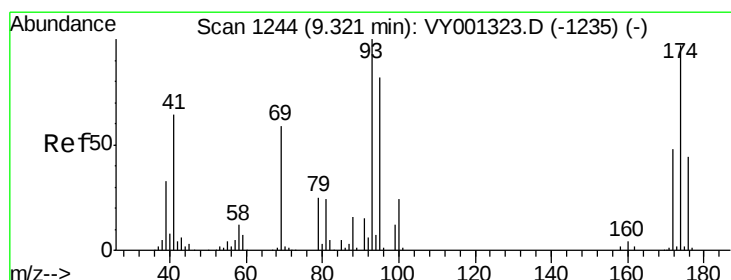
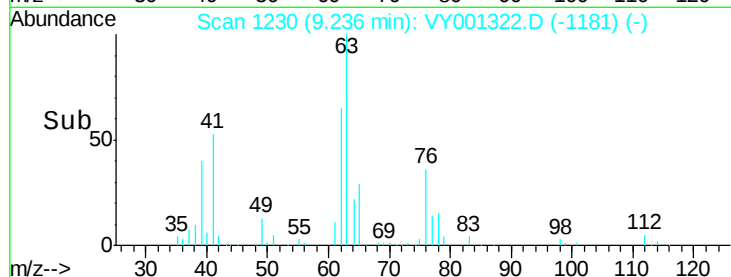
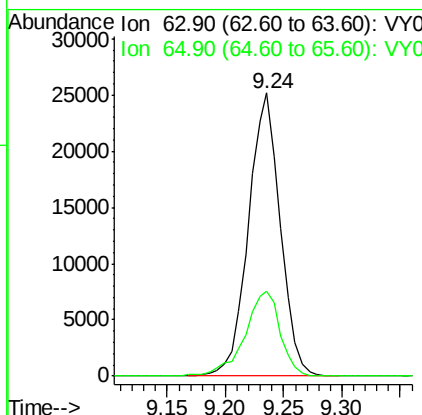
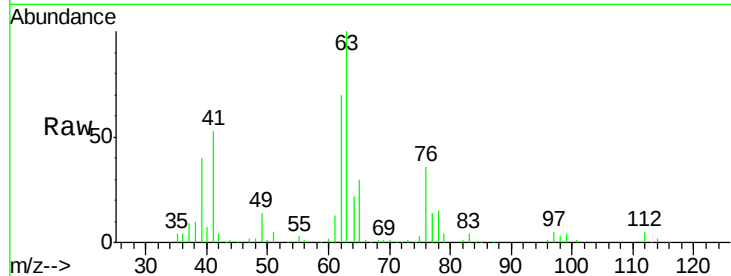
#45
 1,2-Dichloropropane
 Concen: 21.317 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 47842
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.9 37.3

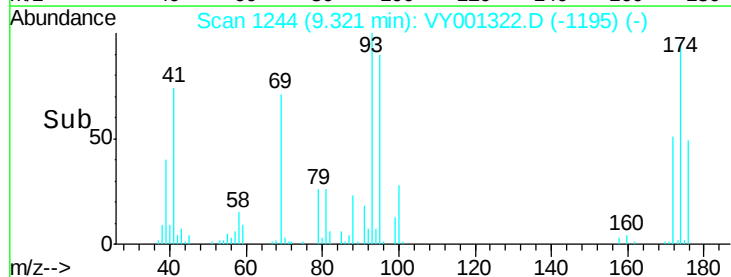
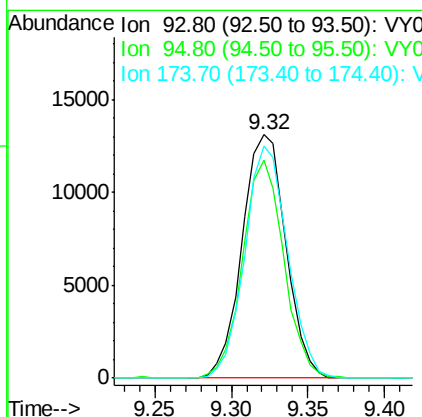
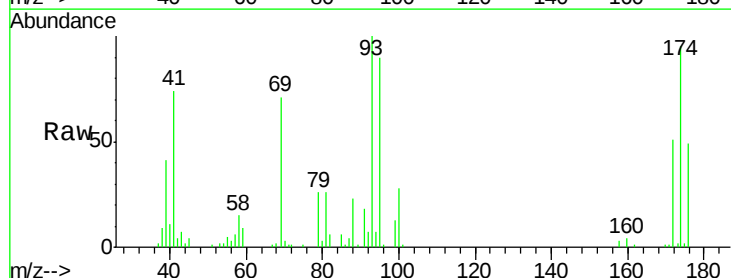
Manual Integrations
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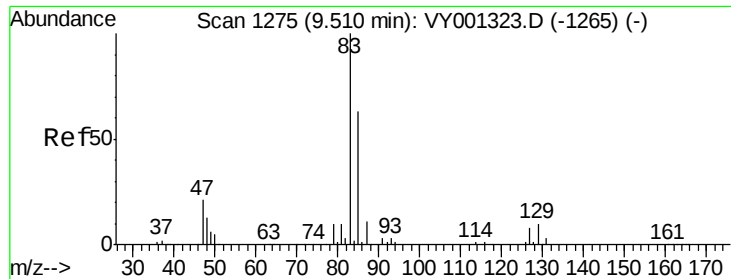
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#46
 Dibromomethane
 Concen: 21.388 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion: 93 Resp: 26025
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.5 99.7
 174 93.3 77.9 116.9





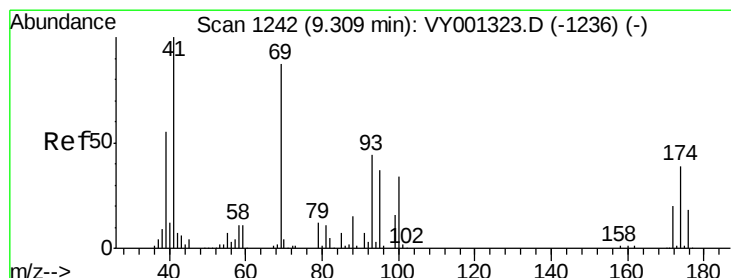
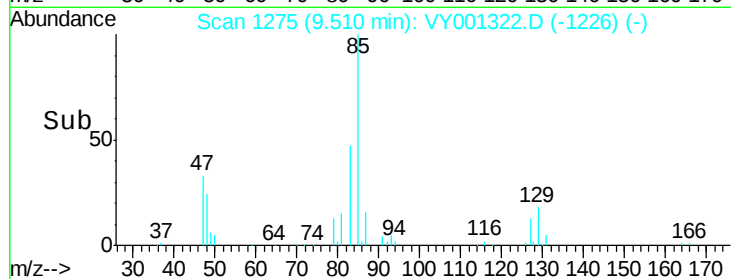
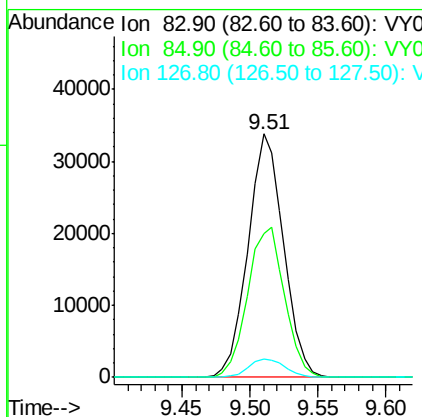
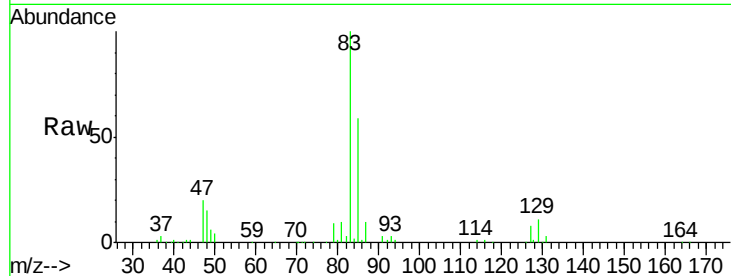
#47
Bromodichloromethane
Concen: 20.881 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	61768
Ion Ratio	100	Lower	Upper
83	100		
85	58.8	50.2	75.2
127	7.8	6.4	9.6

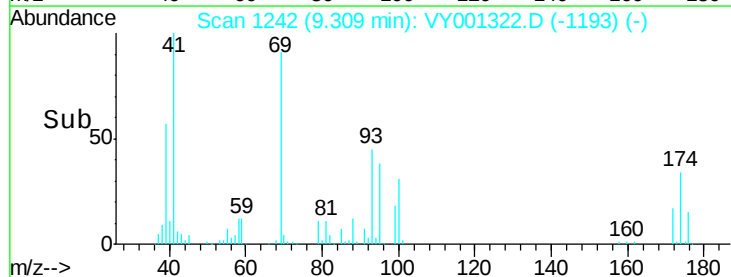
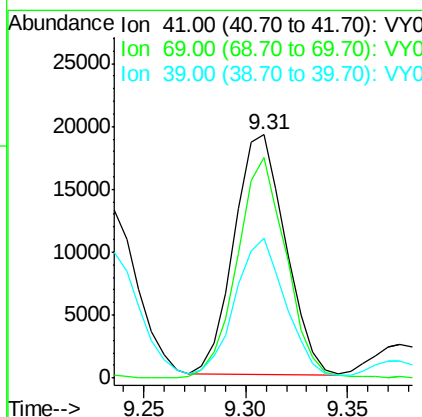
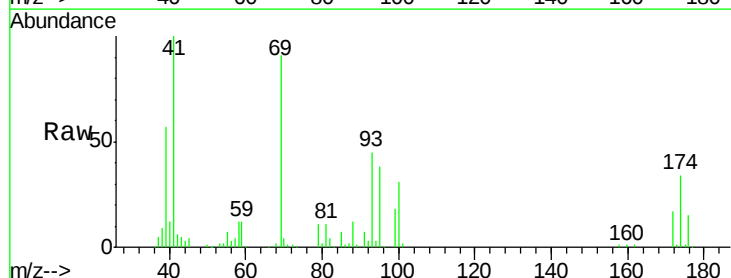
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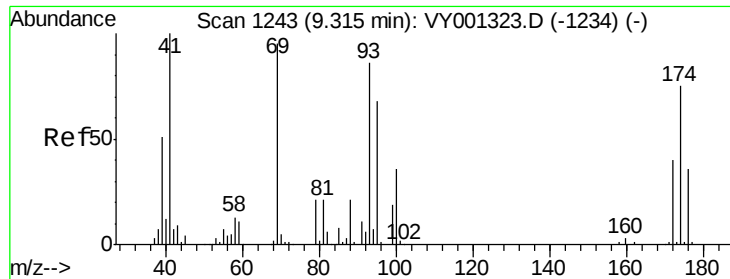
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#48
Methyl methacrylate
Concen: 20.829 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	41	Resp	33538
Ion Ratio	100	Lower	Upper
41	100		
69	87.5	70.2	105.4
39	58.1	45.7	68.5





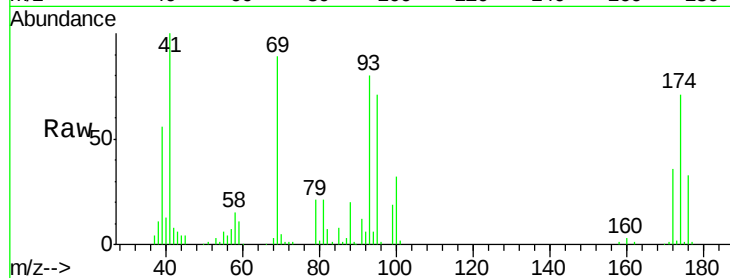
#49
1,4-Dioxane
Concen: 458.862 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

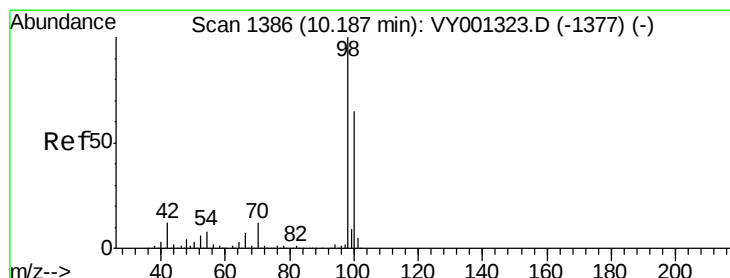
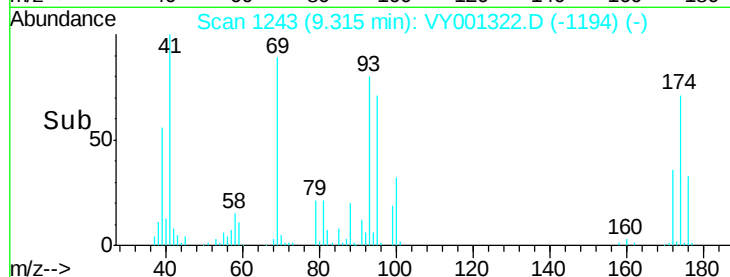
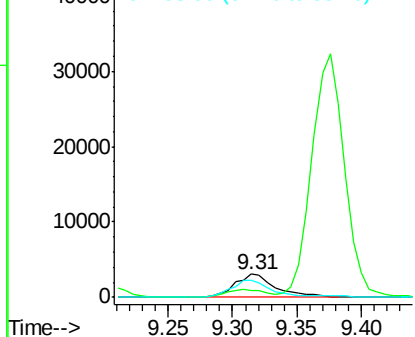
Tot Ion	88	Resp	6895
Ion	Ratio	Lower	Upper
88	100		
43	32.7	28.2	42.2
58	78.5	55.6	83.4

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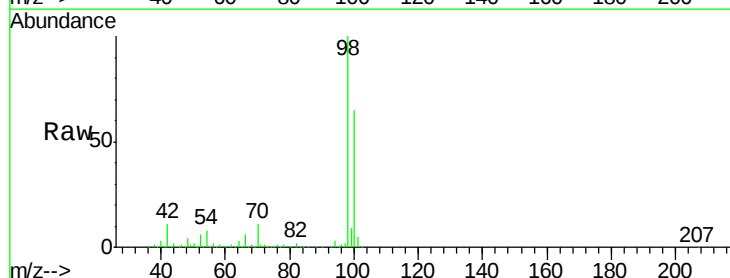


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

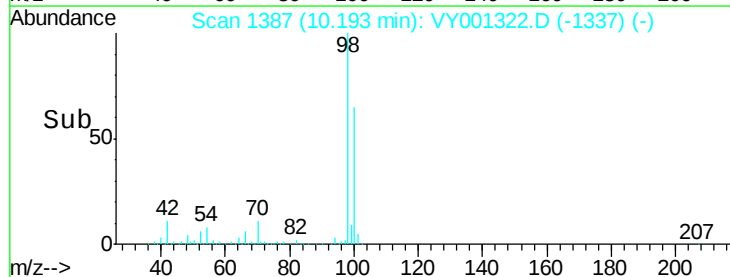
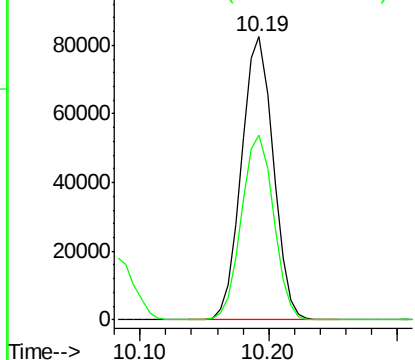


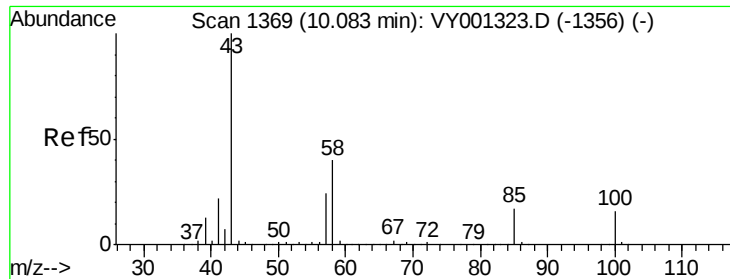
#50
Toluene-d8
Concen: 18.596 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	98	Resp	140924
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 105.952 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 188421

Ion Ratio Lower Upper

43 100

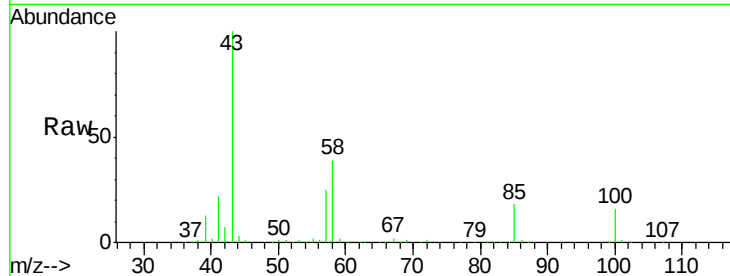
58 39.5 31.5 47.3

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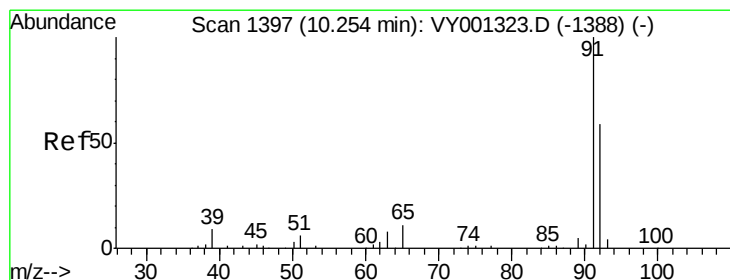
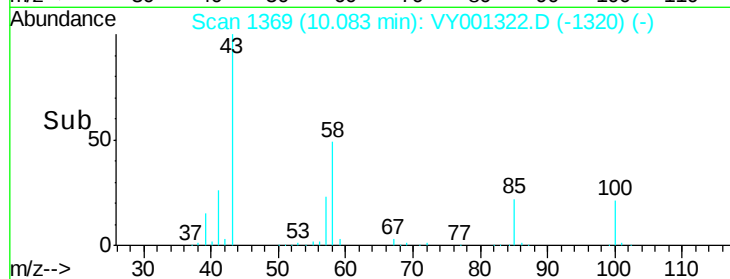
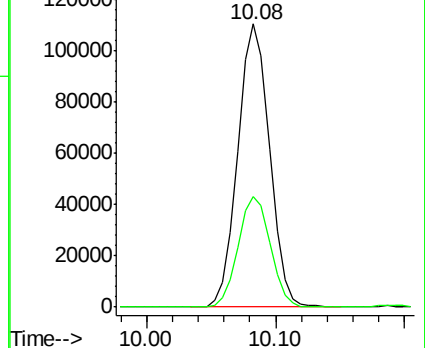
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.287 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001322.D

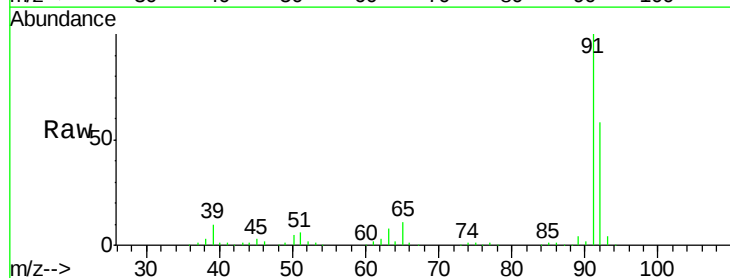
Acq: 21 Jan 2020 15:25

Tgt Ion: 92 Resp: 122192

Ion Ratio Lower Upper

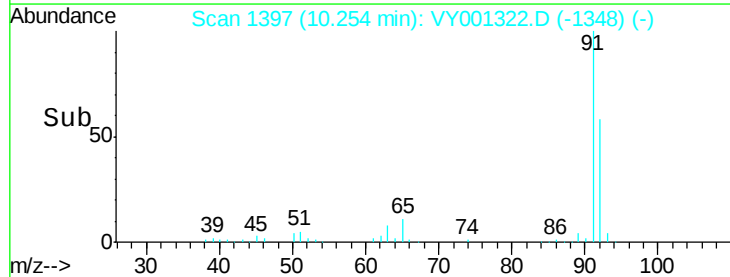
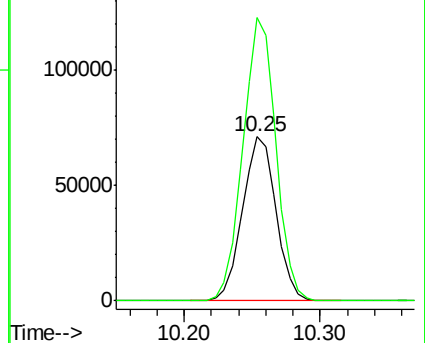
92 100

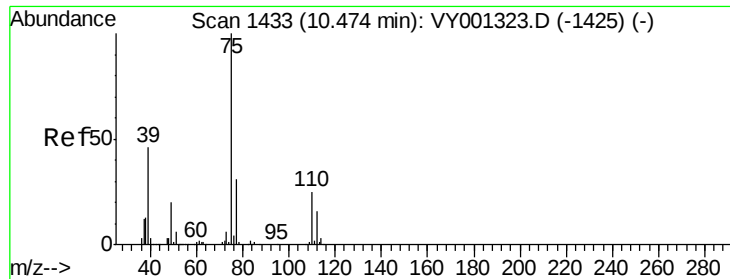
91 169.8 136.4 204.6



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: 20.404 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 67586

Ion Ratio Lower Upper

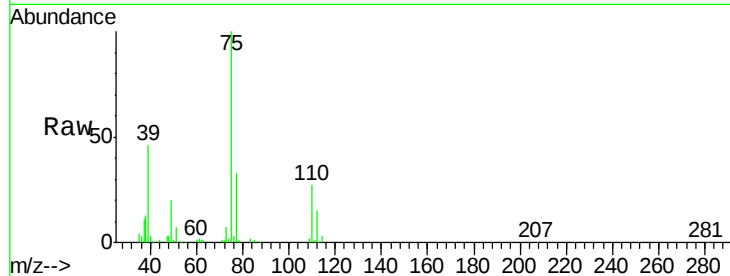
75 100

77 32.8 25.2 37.8

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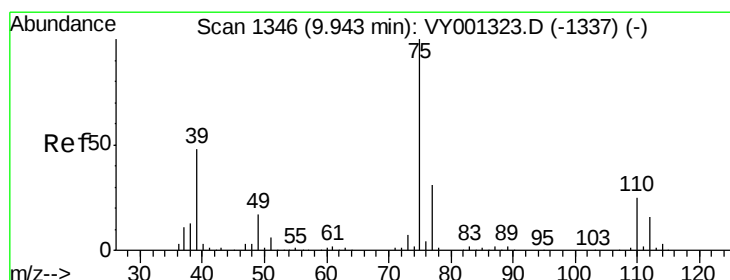
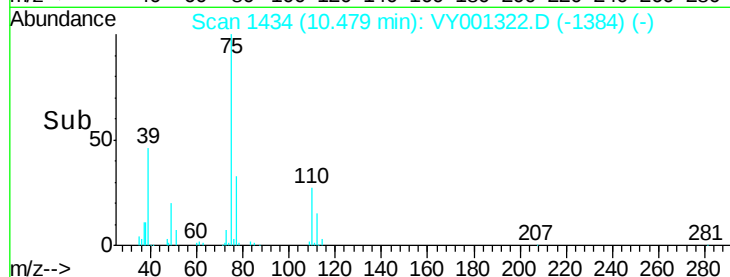
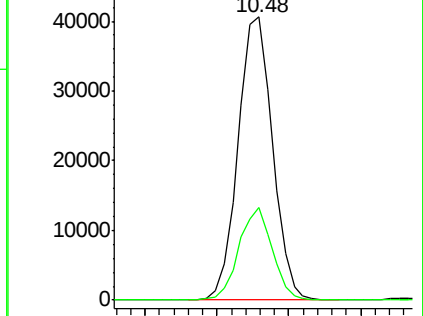
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.031 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

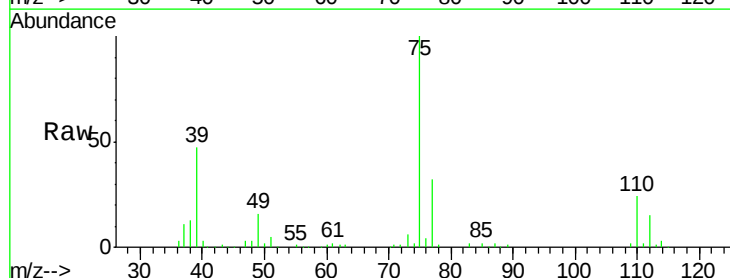
Tgt Ion: 75 Resp: 78637

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

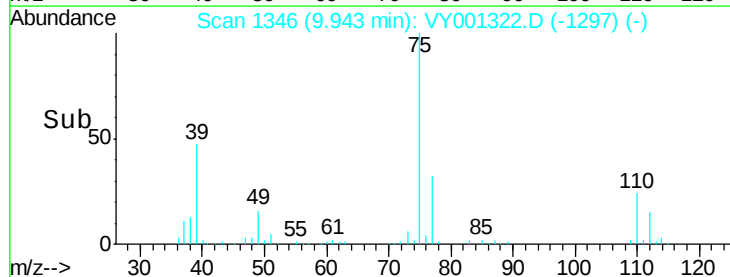
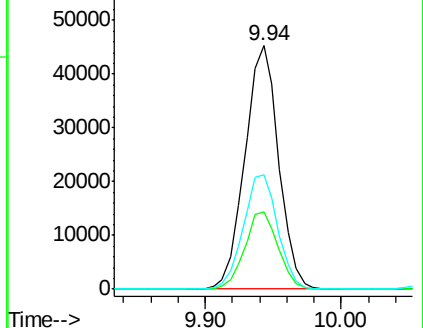
39 47.0 38.2 57.4

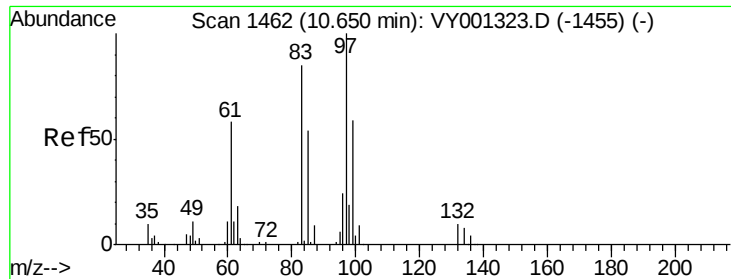


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 20.900 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 37823

Ion Ratio Lower Upper

97 100

83 87.4 68.0 102.0

85 53.8 43.6 65.4

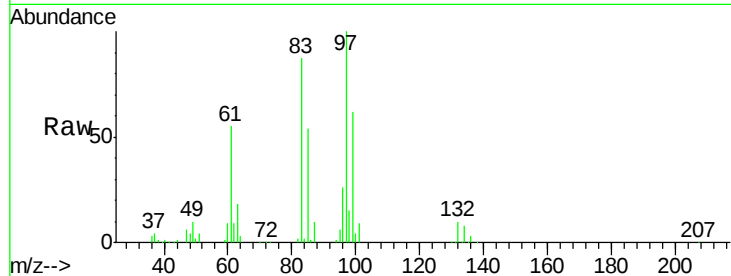
99 61.8 47.1 70.7

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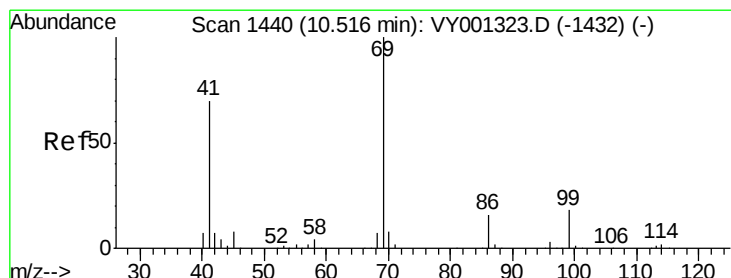
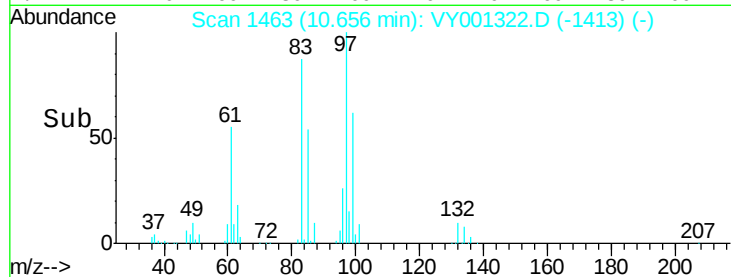
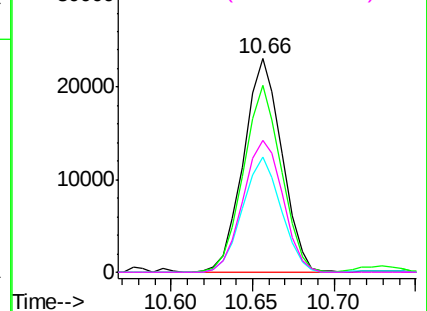


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.285 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

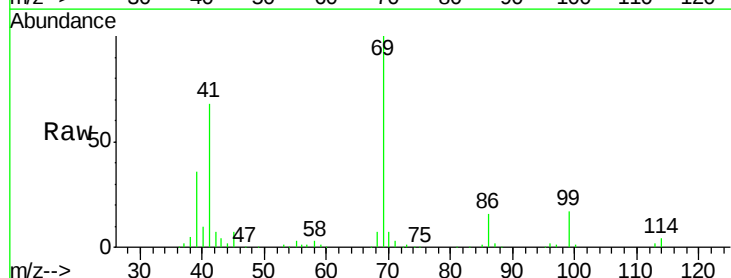
Tgt Ion: 69 Resp: 56003

Ion Ratio Lower Upper

69 100

41 66.6 54.1 81.1

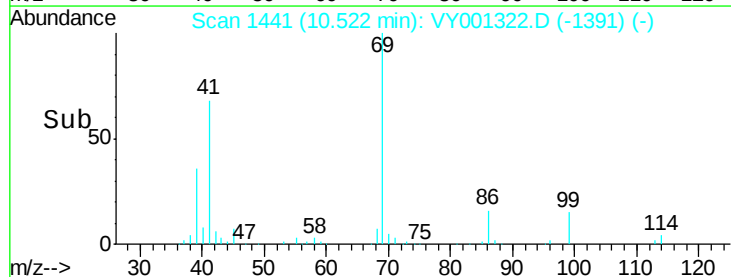
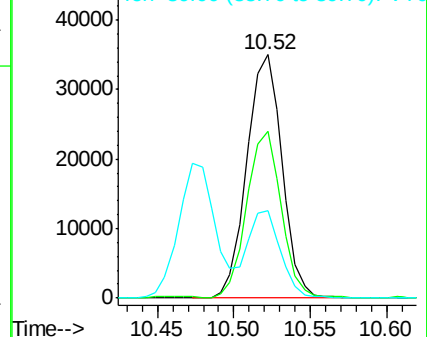
39 34.9 26.8 40.2

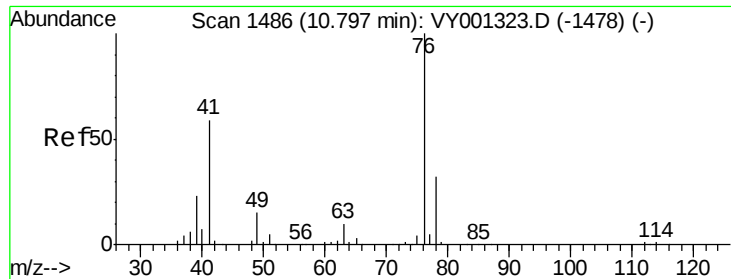


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





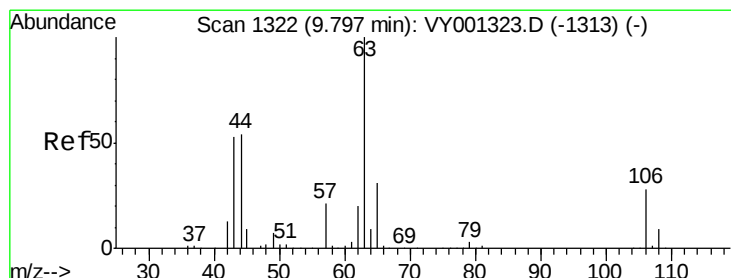
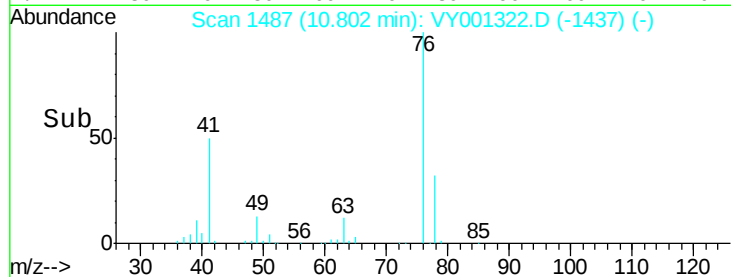
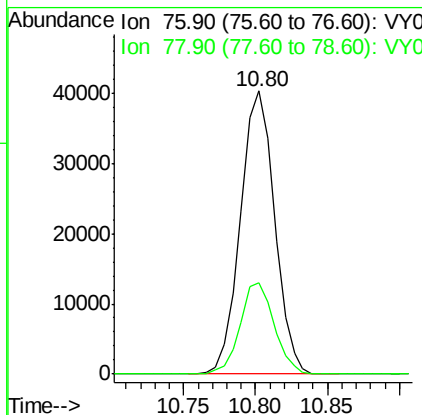
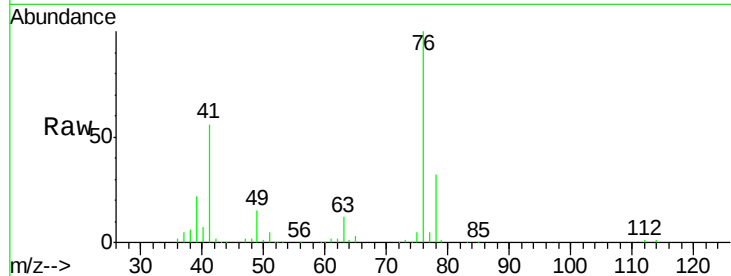
#57
 1,3-Dichloropropane
 Concen: 21.358 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 66331
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

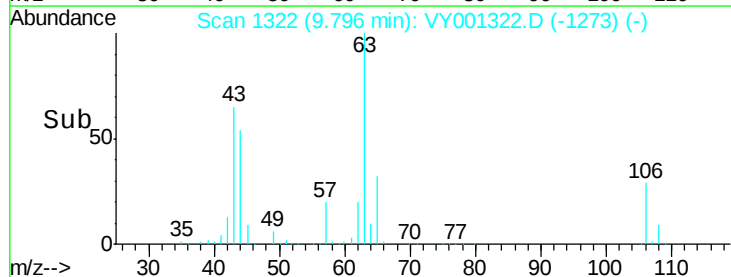
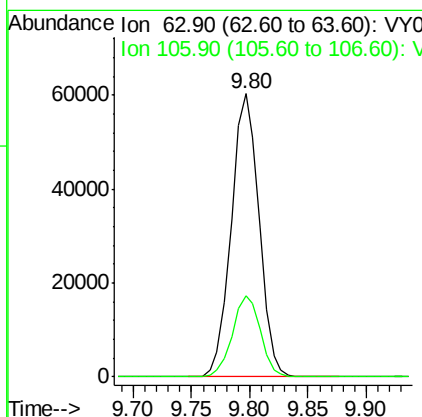
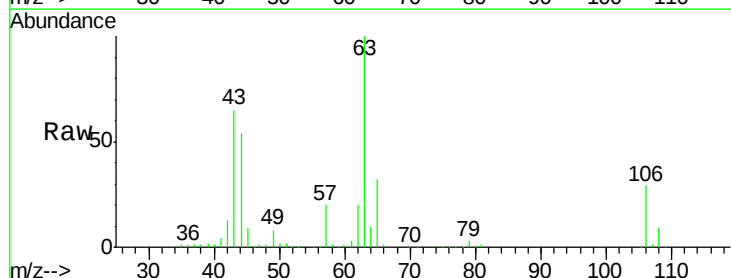
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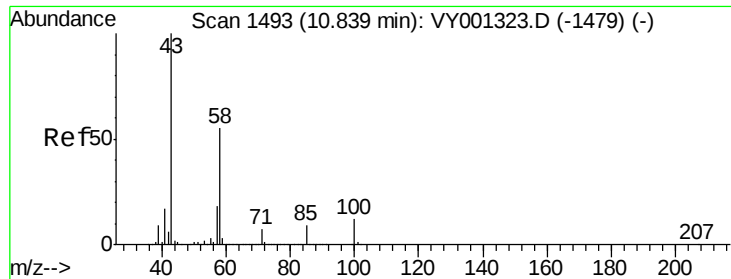
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.405 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion: 63 Resp: 100186
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.5 33.7





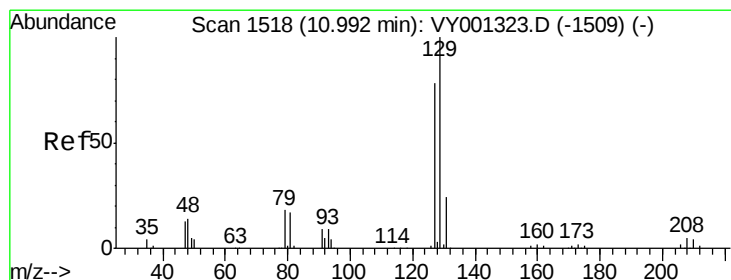
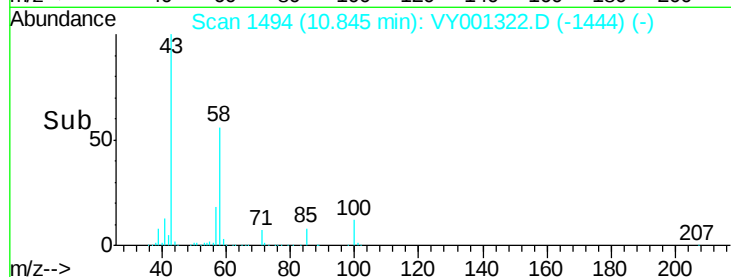
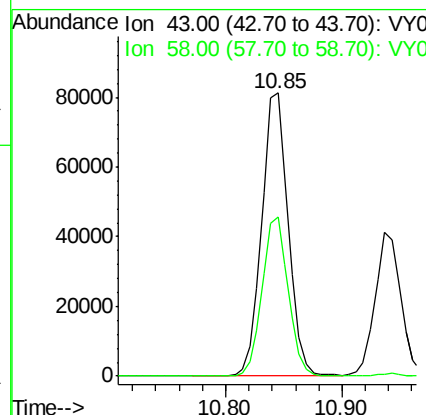
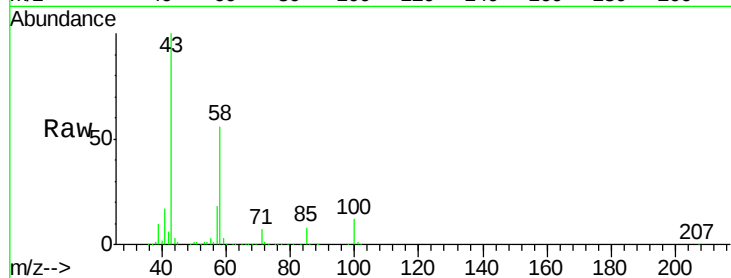
#59
2-Hexanone
Concen: 103.825 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 129470
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.8

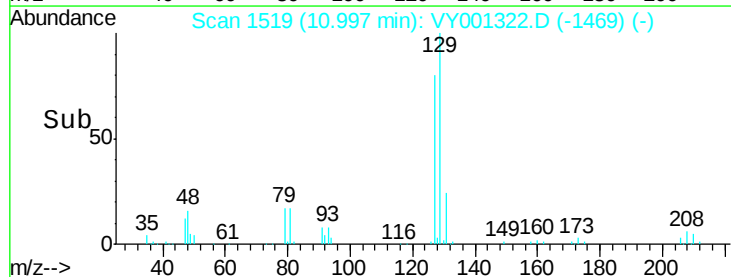
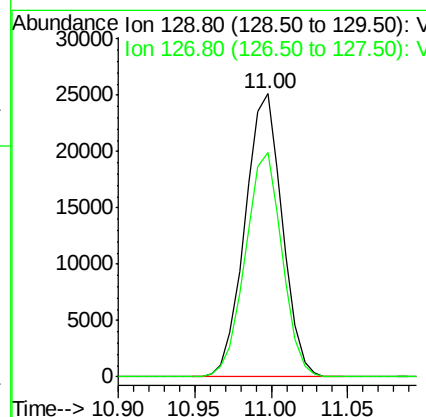
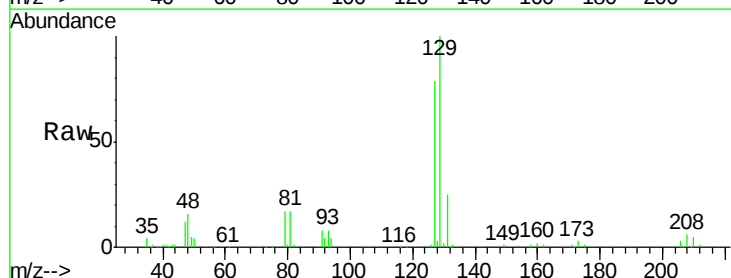
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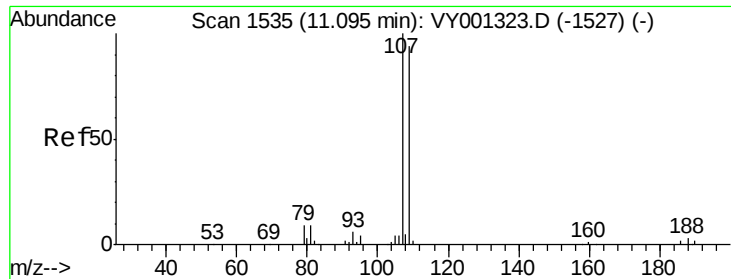
MMDadoda
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#60
Dibromochloromethane
Concen: 20.595 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion: 129 Resp: 42544
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





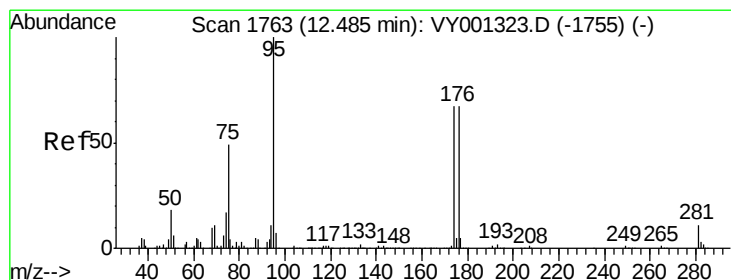
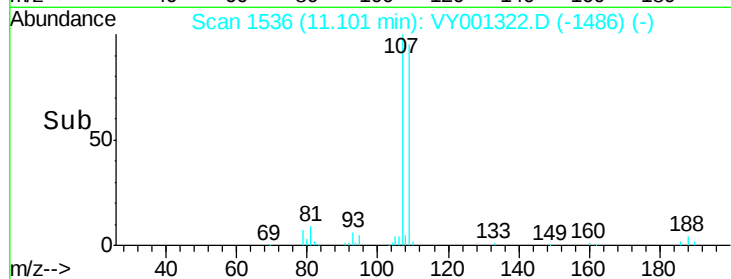
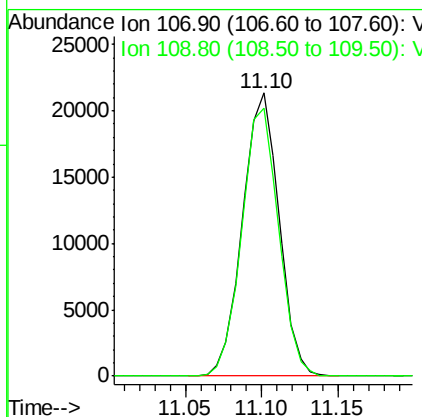
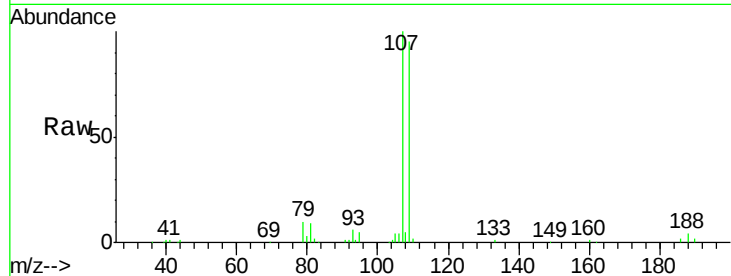
#61
 1,2-Dibromoethane
 Concen: 20.159 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 35439
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.0 112.6

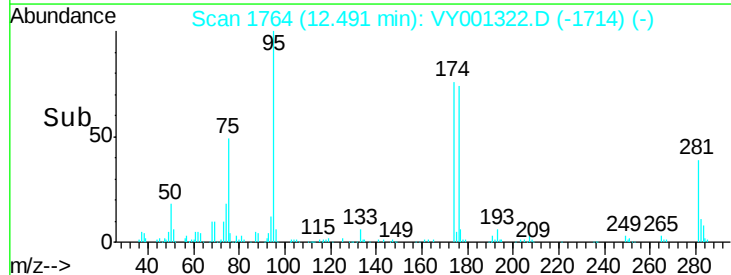
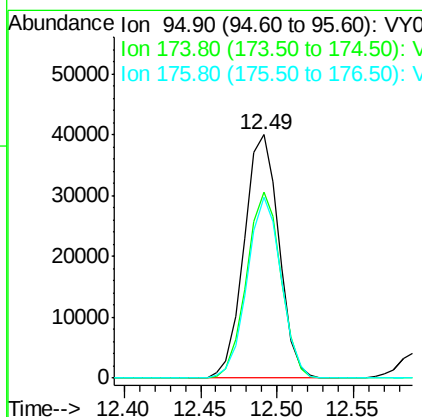
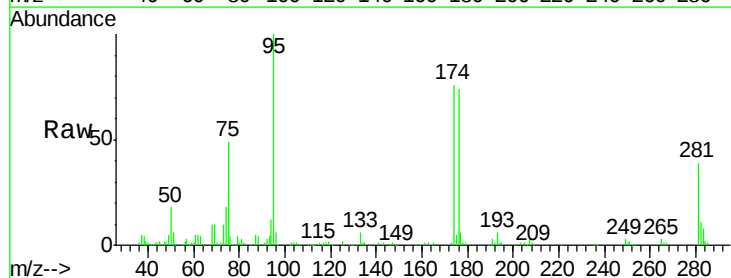
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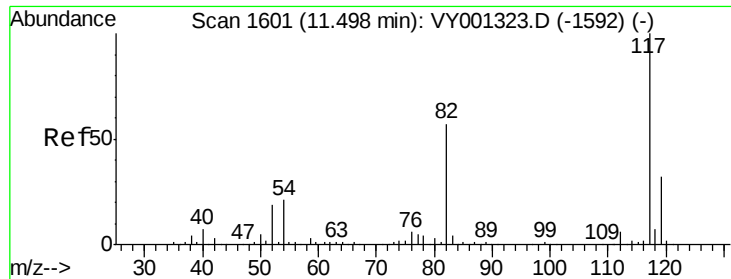
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#62
 4-Bromofluorobenzene
 Concen: 20.433 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion: 95 Resp: 63139
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 142.0
 176 72.7 0.0 138.6





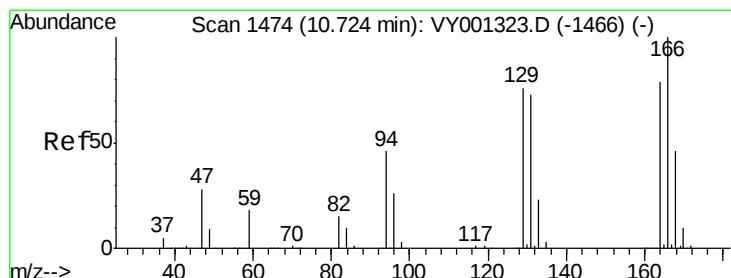
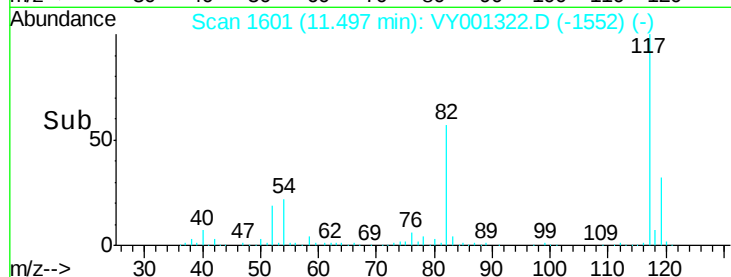
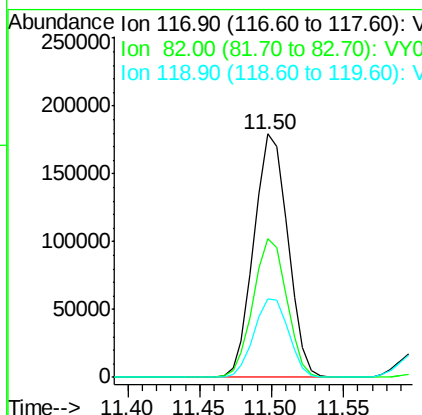
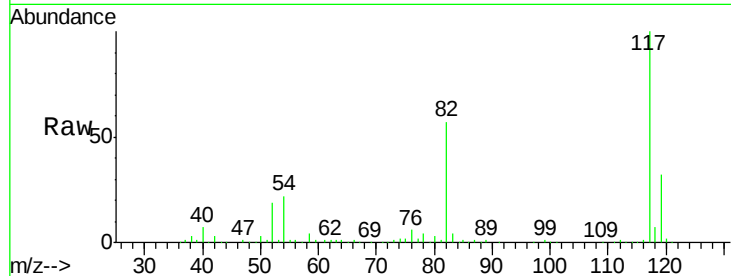
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	32.0	25.8	38.6

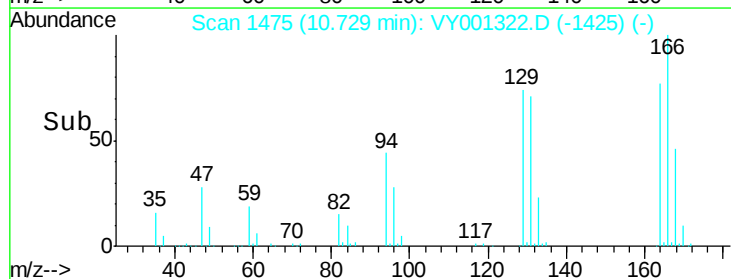
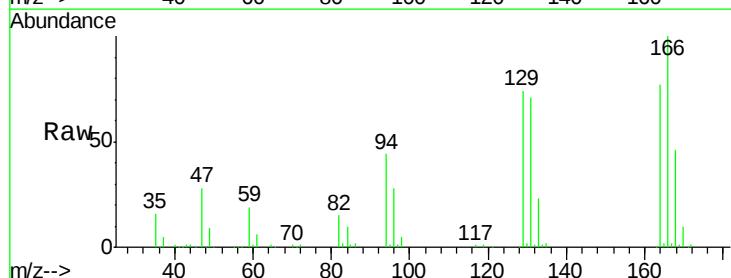
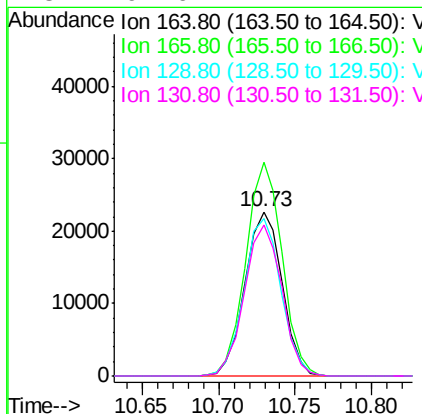
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#64
Tetrachloroethene
Concen: 20.403 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.8	152.8
129	95.6	77.1	115.7
131	91.6	74.2	111.2





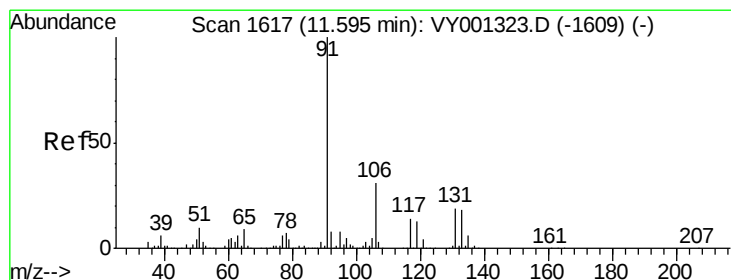
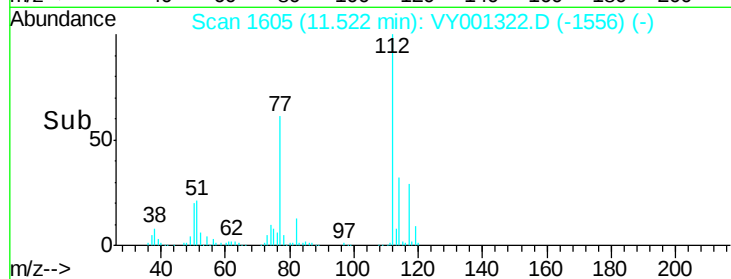
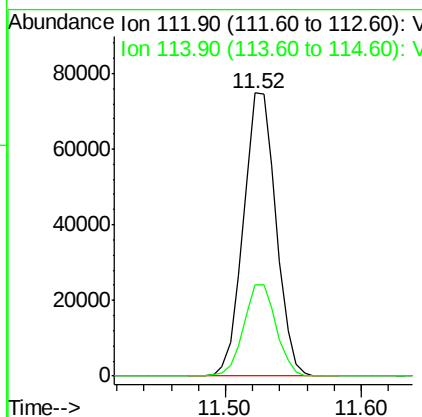
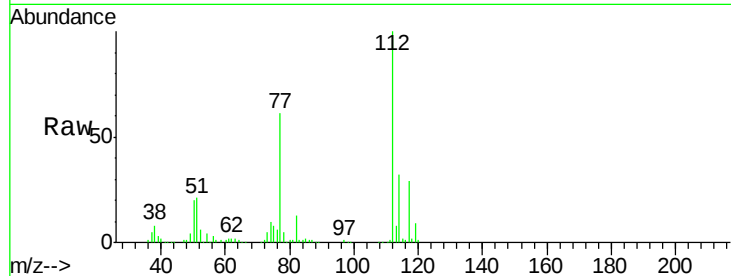
#65
Chlorobenzene
Concen: 21.251 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 125444
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

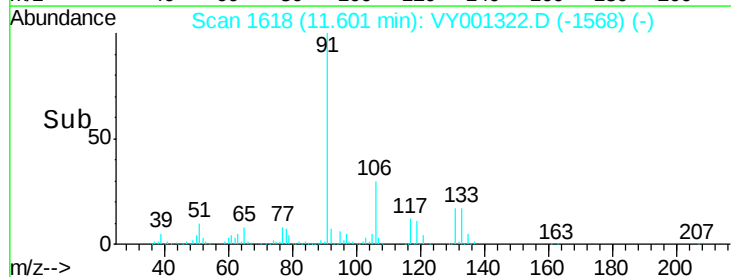
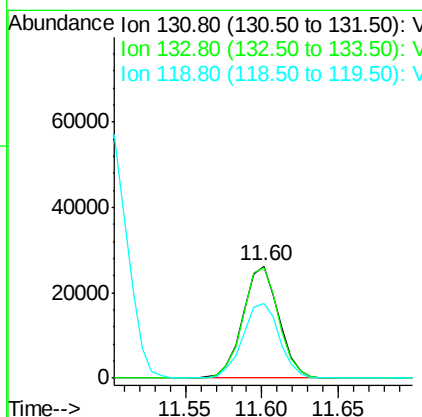
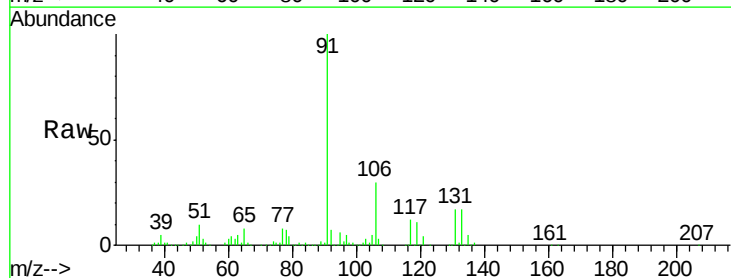
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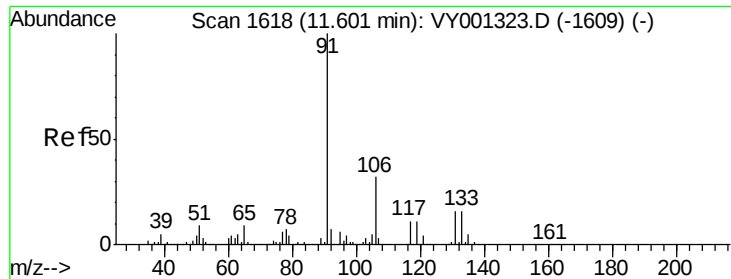
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.098 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion:131 Resp: 42887
Ion Ratio Lower Upper
131 100
133 97.8 47.1 141.3
119 68.4 34.1 102.2





#67

Ethyl Benzene

Concen: 21.778 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 235408

Ion Ratio Lower Upper

91 100

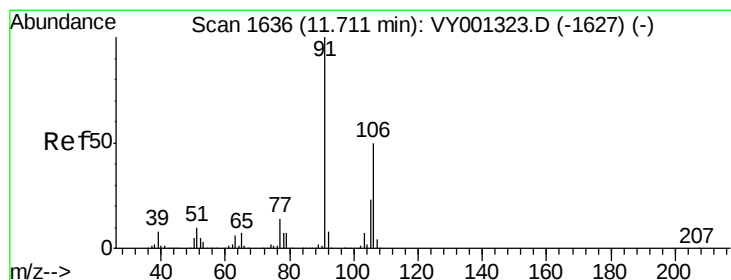
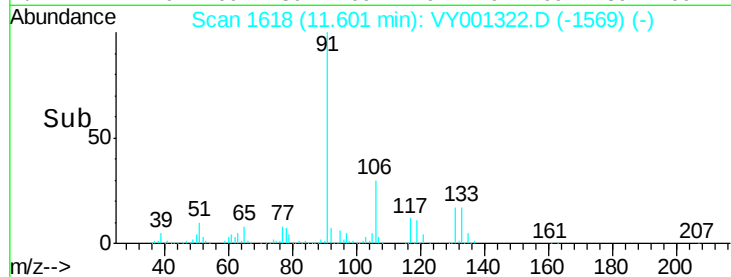
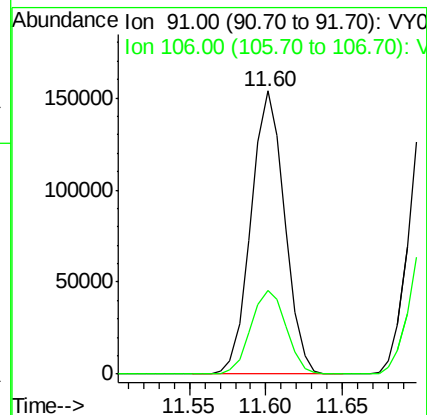
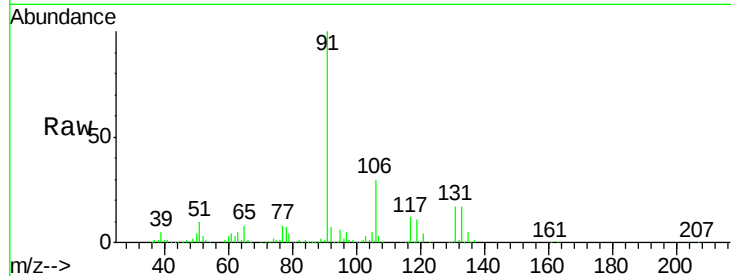
106 29.6 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 43.161 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001322.D

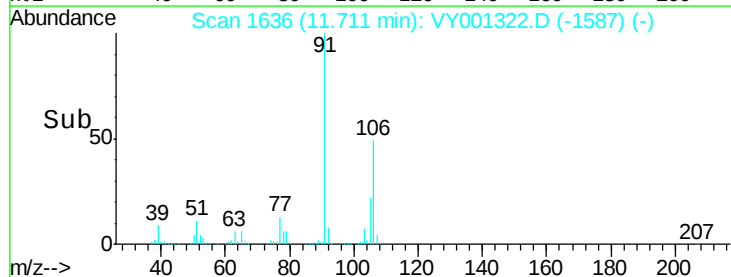
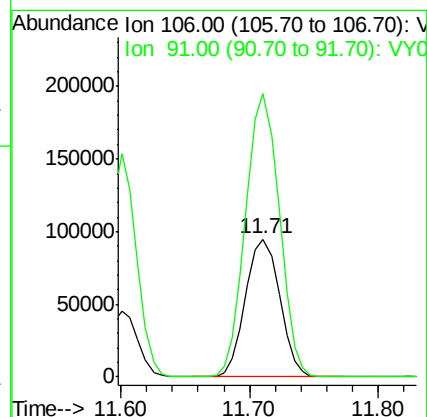
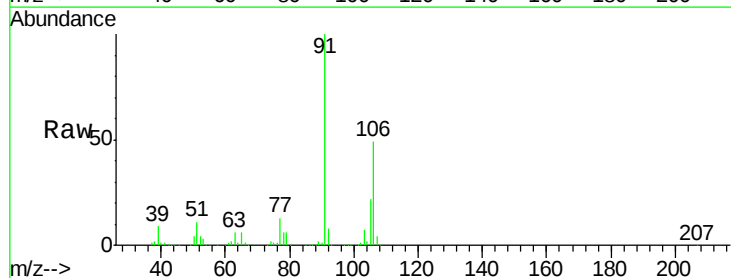
Acq: 21 Jan 2020 15:25

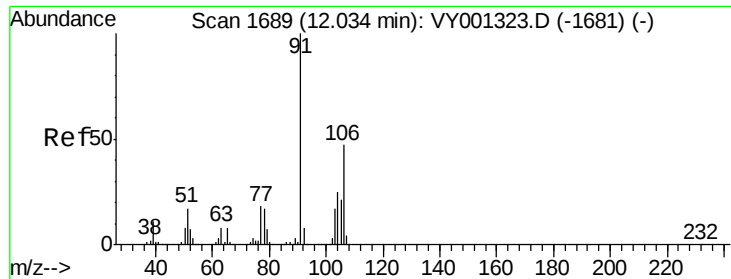
Tgt Ion: 106 Resp: 175458

Ion Ratio Lower Upper

106 100

91 202.3 162.8 244.2





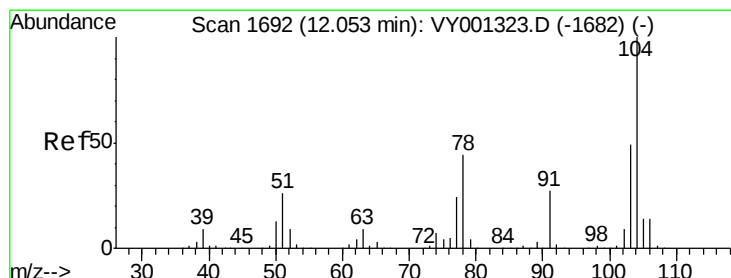
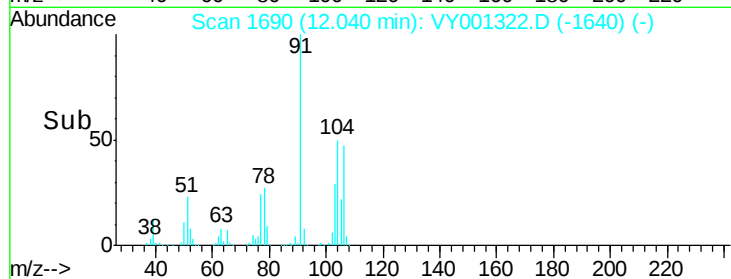
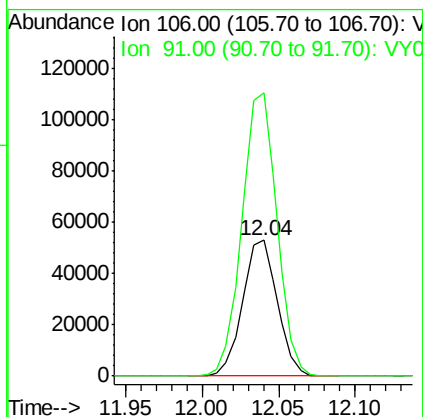
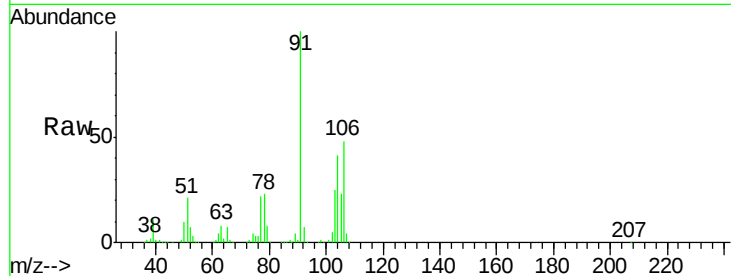
#69
o-Xylene
Concen: 21.368 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 83530
Ion Ratio Lower Upper
106 100
91 210.2 106.3 319.0

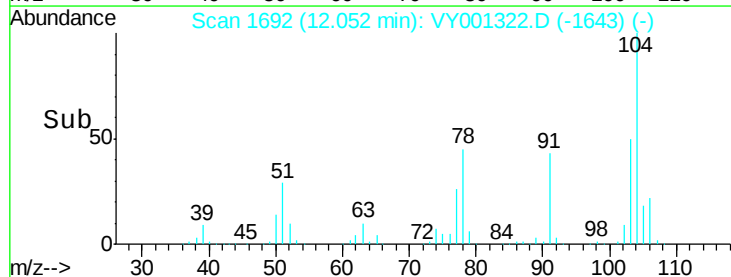
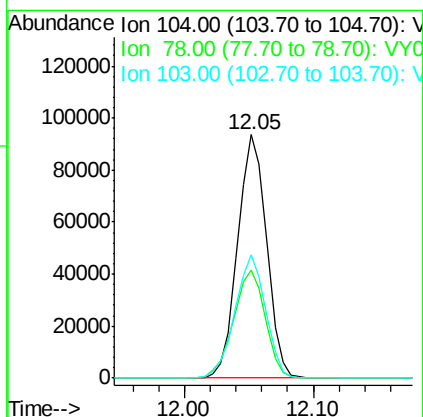
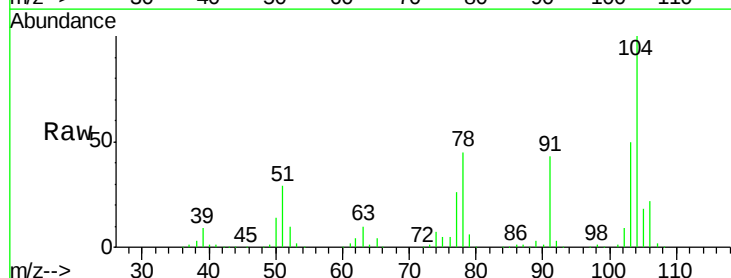
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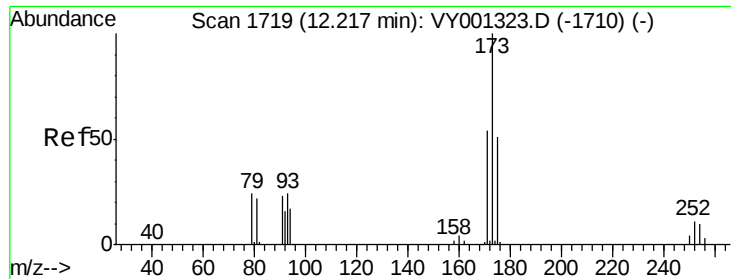
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#70
Styrene
Concen: 21.282 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion:104 Resp: 145802
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.8
103 53.5 43.2 64.8





#71

Bromoform

Concen: 20.251 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

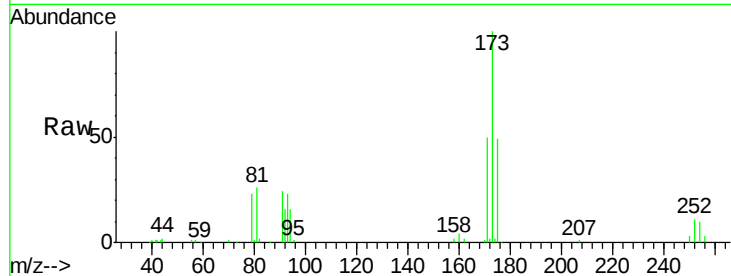
ClientSampleId :

VSTDIC020

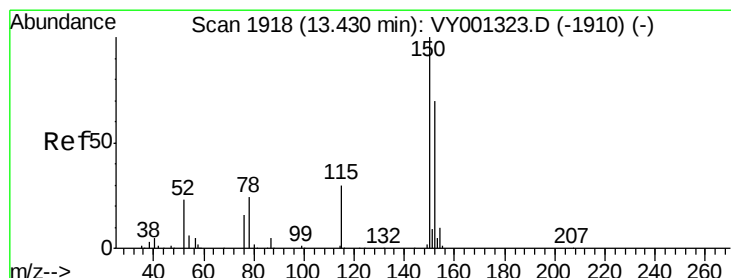
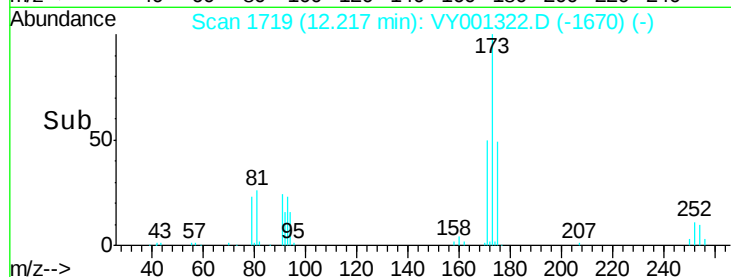
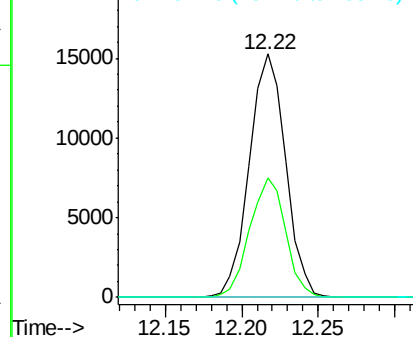
Tot Ion:	173	Resp:	25200
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.3	72.9
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

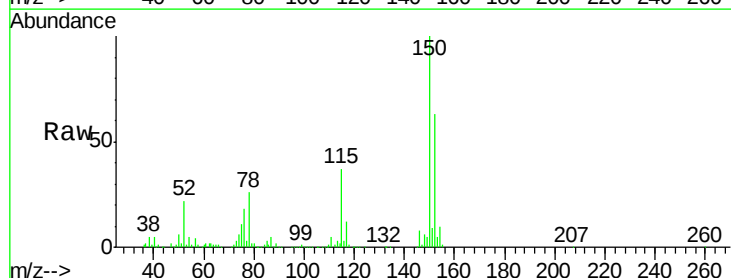
RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

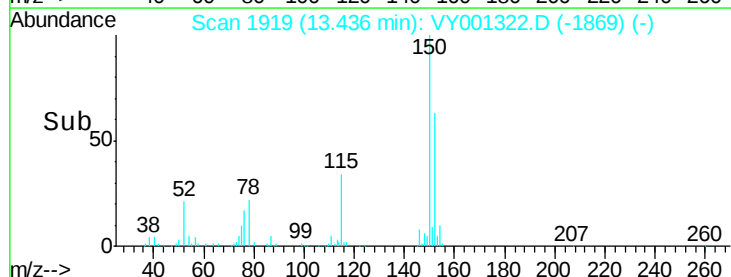
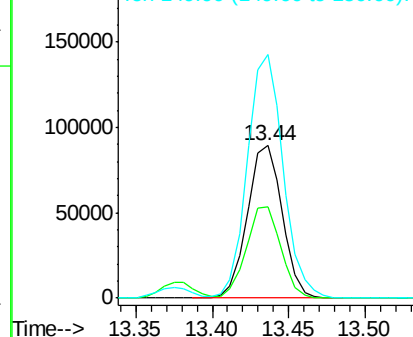
Lab File: VY001322.D

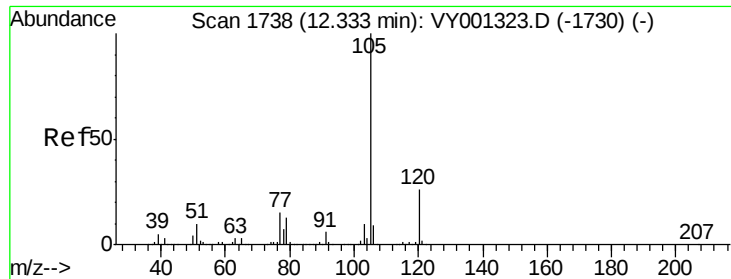
Acq: 21 Jan 2020 15:25

Tgt Ion:	152	Resp:	141283
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.9	92.8
150	164.0	0.0	349.2



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





#73

Isopropylbenzene

Concen: 20.731 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 221573

Ion Ratio Lower Upper

105 100

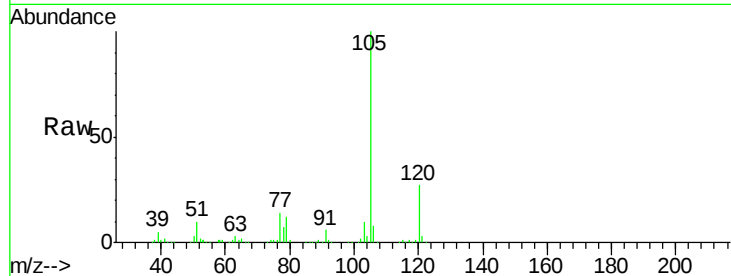
120 26.6 13.5 40.4

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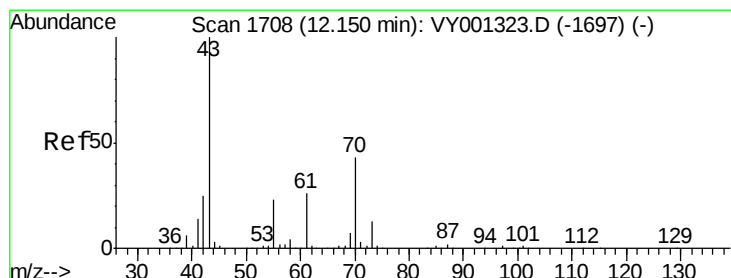
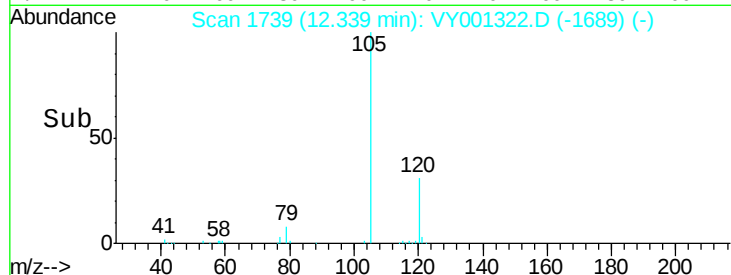
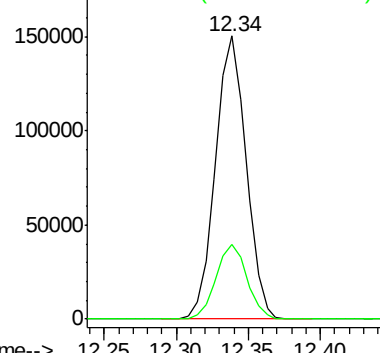
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.874 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion: 43 Resp: 70255

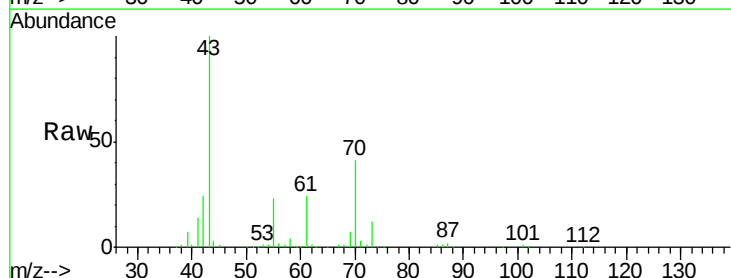
Ion Ratio Lower Upper

43 100

70 42.0 33.5 50.3

55 23.2 18.2 27.2

61 23.9 19.6 29.4

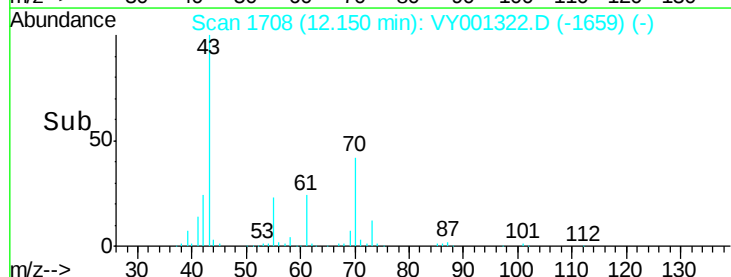
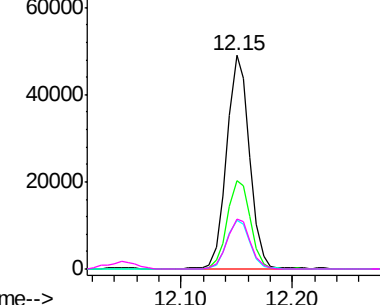


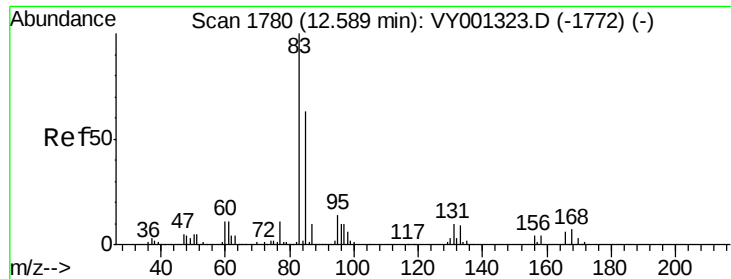
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.205 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

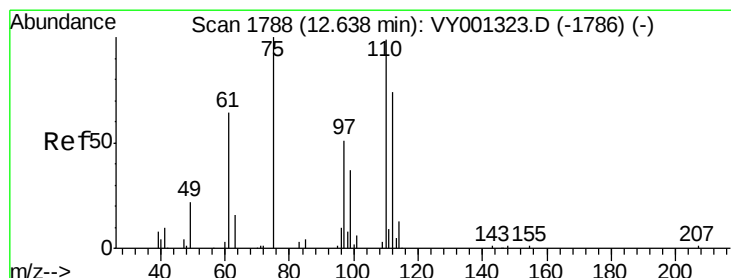
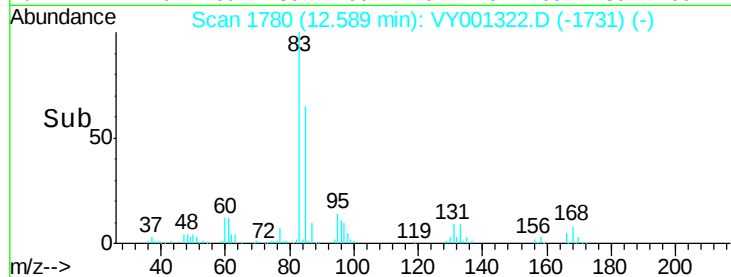
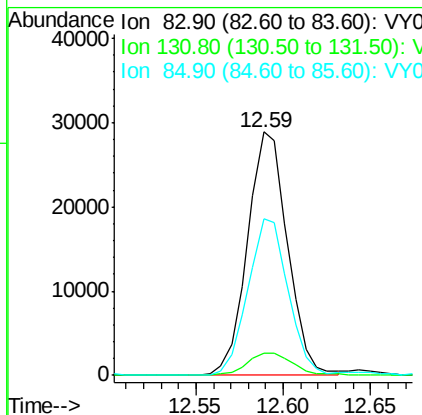
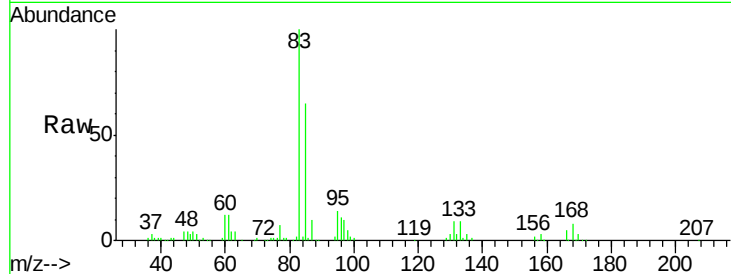
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	45797
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.6
85	65.0	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.426 ug/l m

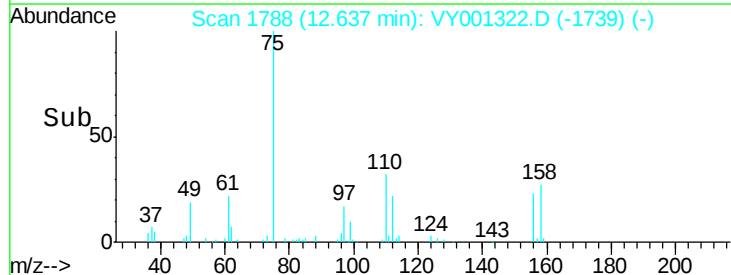
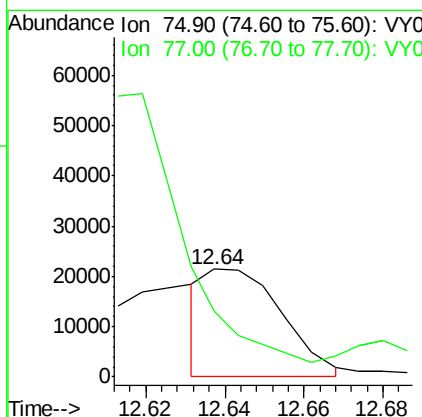
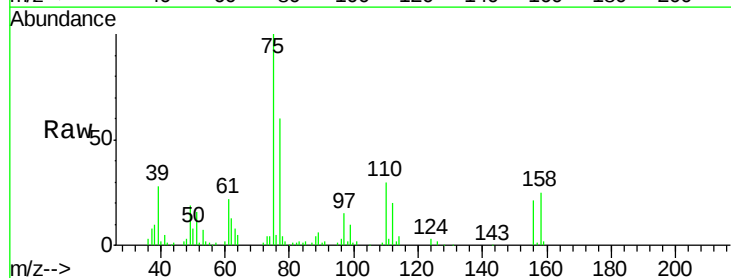
RT: 12.64 min Scan# 1788

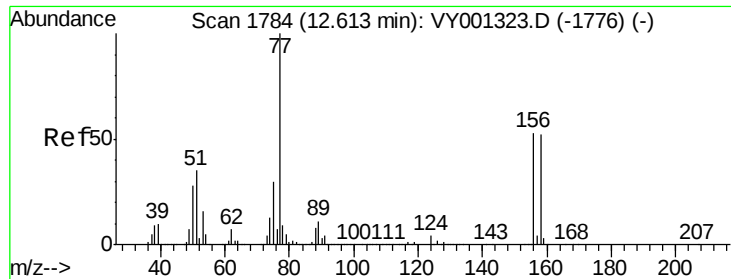
Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion:	75	Resp:	28783
Ion	Ratio	Lower	Upper
75	100		
77	353.9	0.0	0.0#





#77

Bromobenzene

Concen: 20.902 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

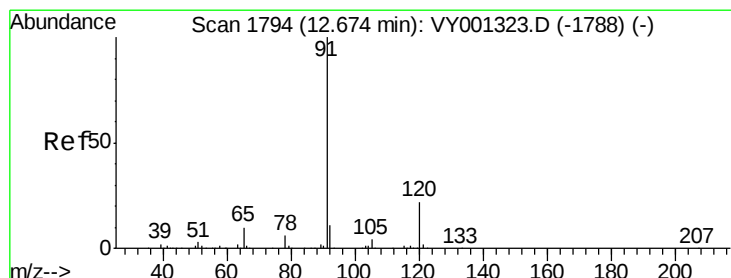
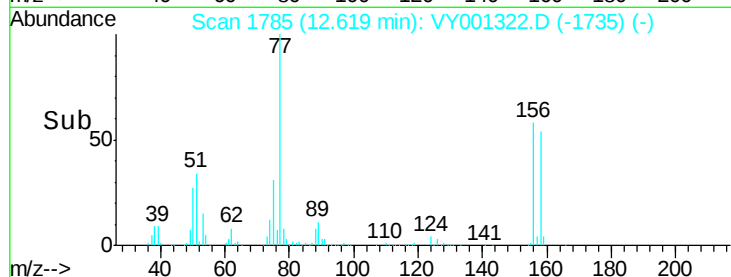
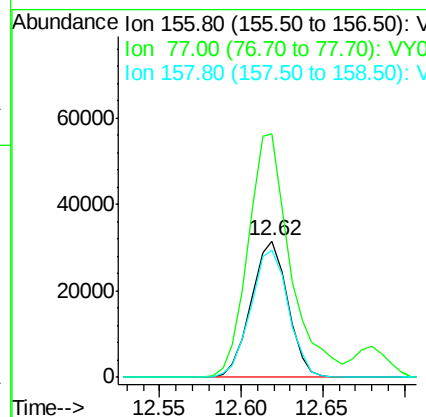
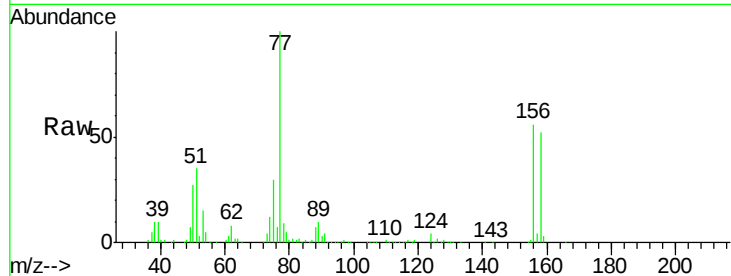
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	206.2	104.7	313.9	
158	96.3	48.6	145.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 20.911 ug/l

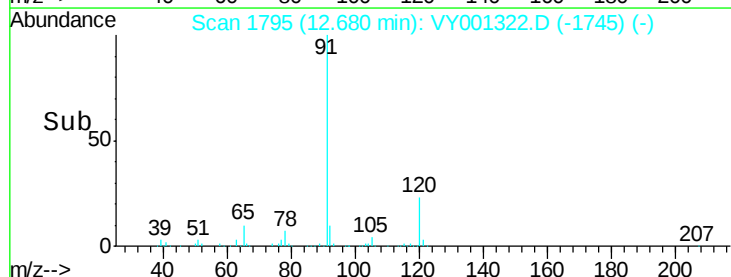
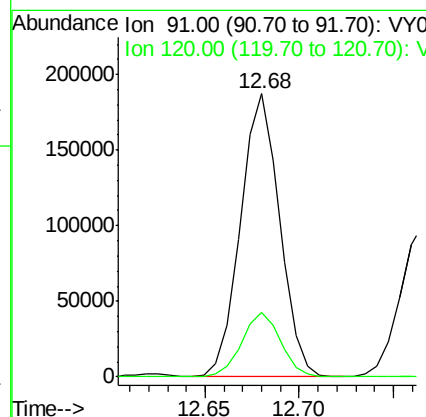
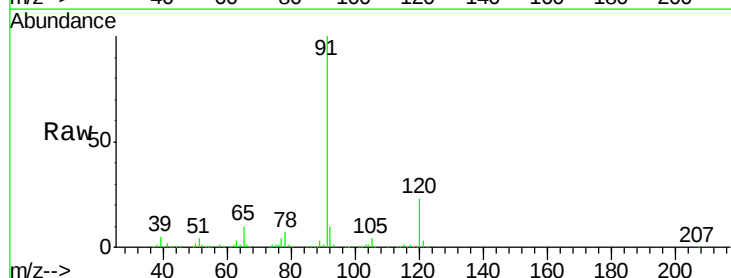
RT: 12.68 min Scan# 1795

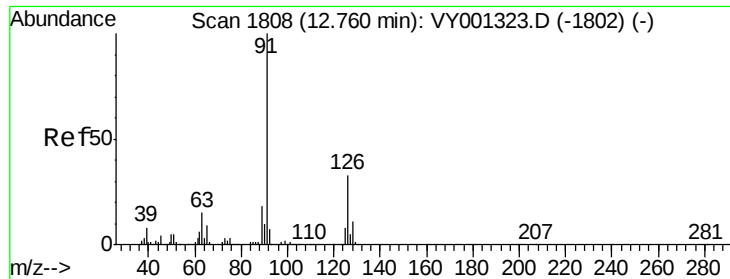
Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.3	33.8	





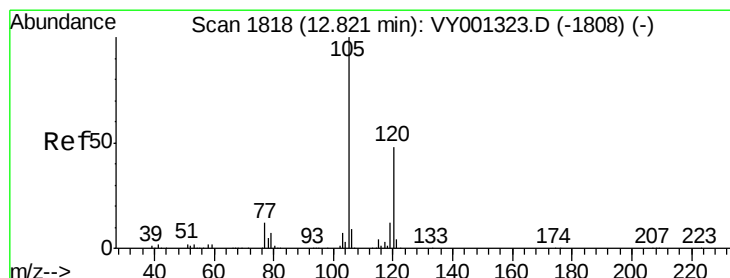
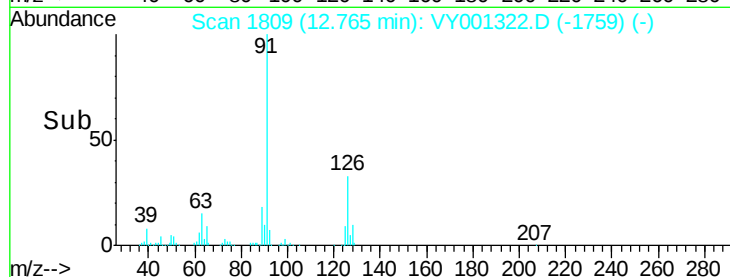
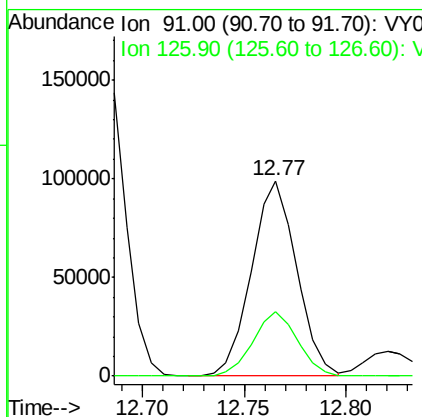
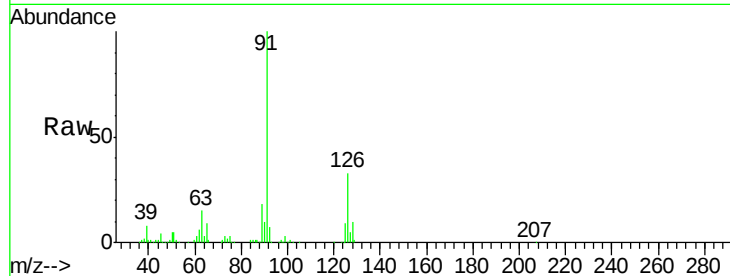
#79
 2-Chlorotoluene
 Concen: 20.640 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 152216
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.7

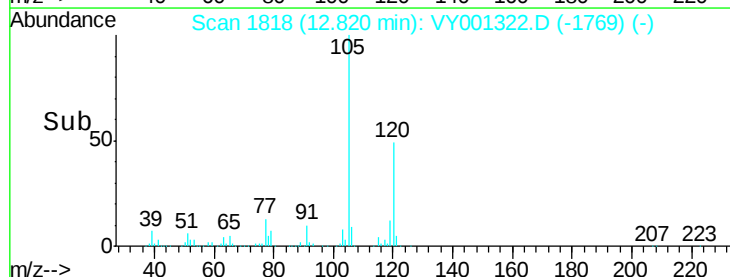
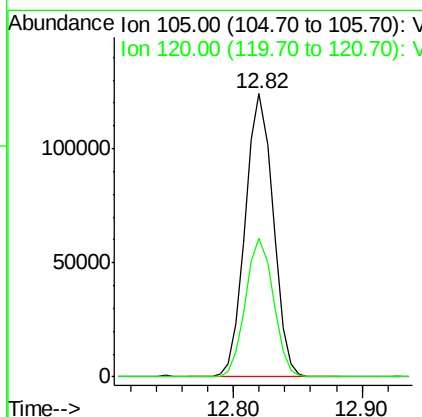
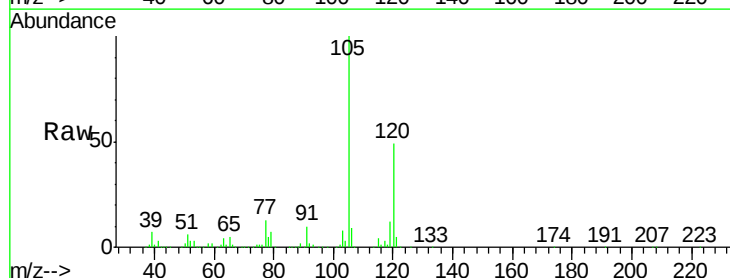
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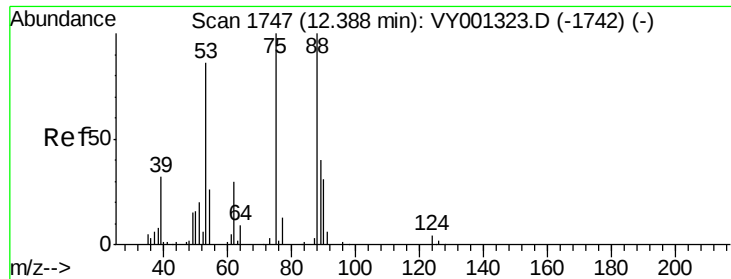
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.838 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion: 105 Resp: 185494
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.292 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

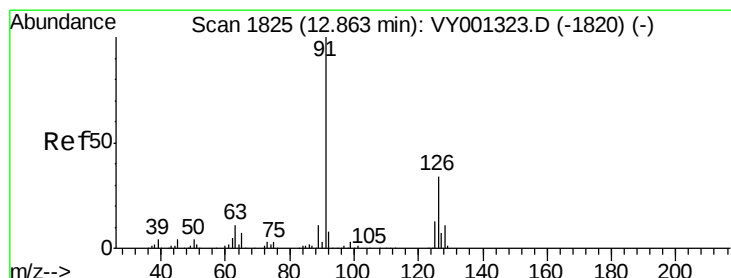
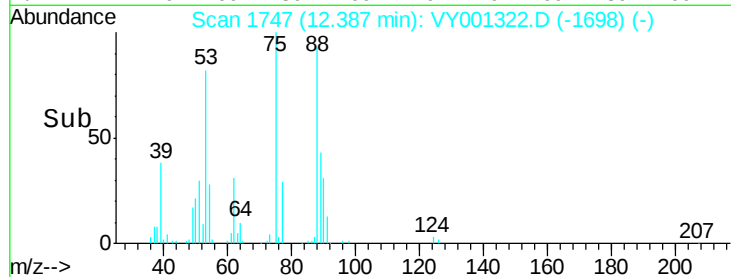
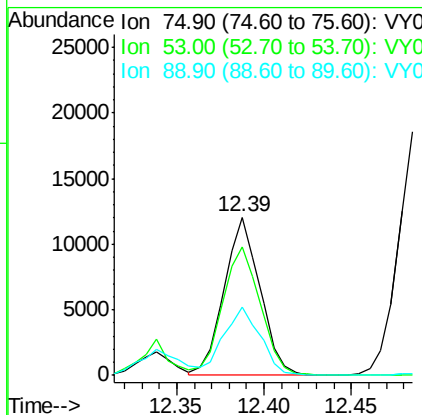
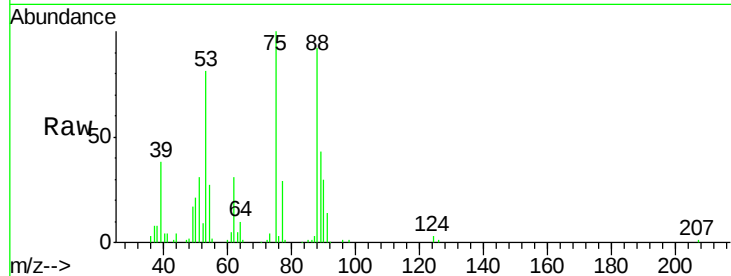
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	17234
Ion	Ratio	Lower	Upper
75	100		
53	85.7	69.9	104.9
89	43.9	36.6	54.8

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#82

4-Chlorotoluene

Concen: 20.494 ug/l

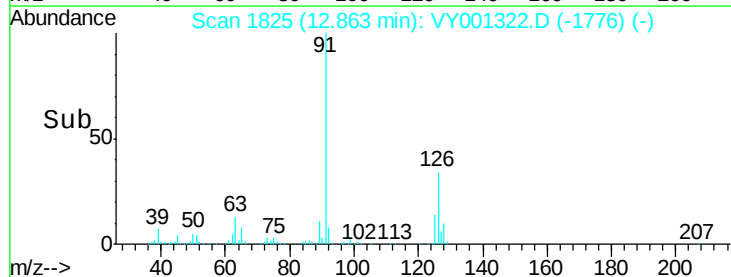
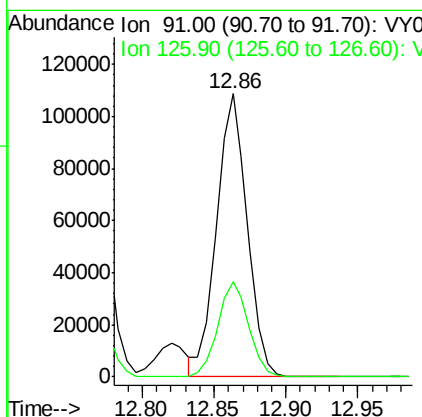
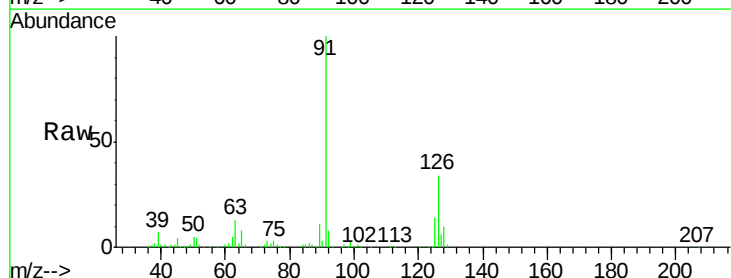
RT: 12.86 min Scan# 1825

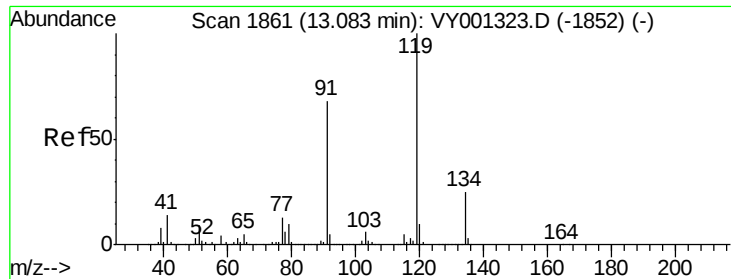
Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion:	91	Resp:	161235
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.938 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

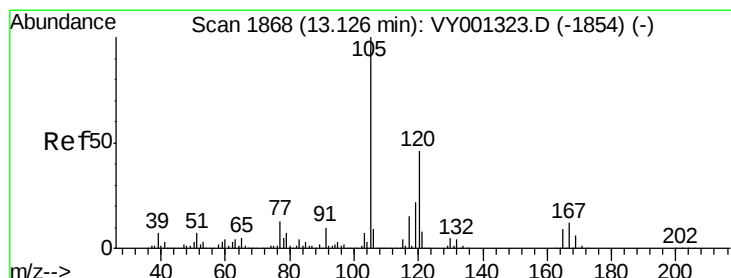
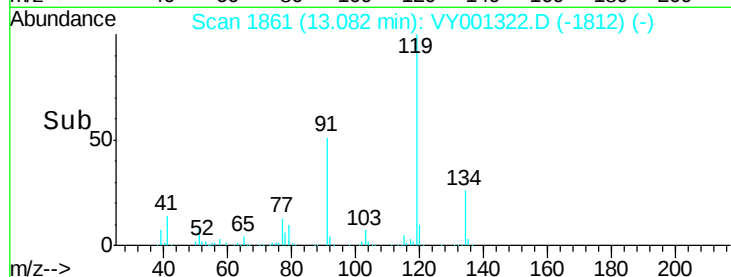
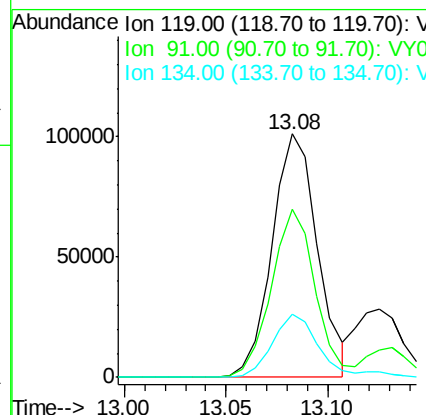
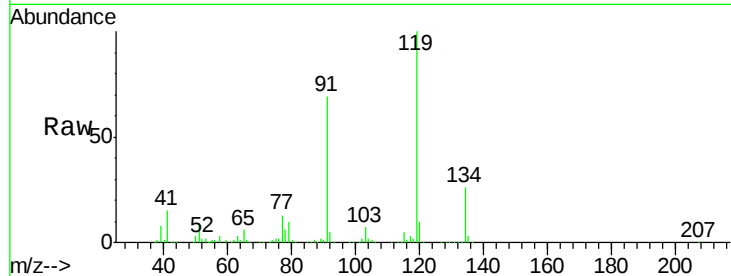
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		157193		
91	67.0	33.0	99.0		
134	27.3	13.3	39.9		

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#84

1,2,4-Trimethylbenzene

Concen: 21.075 ug/l

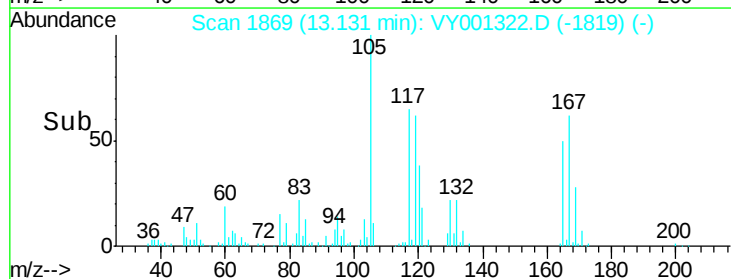
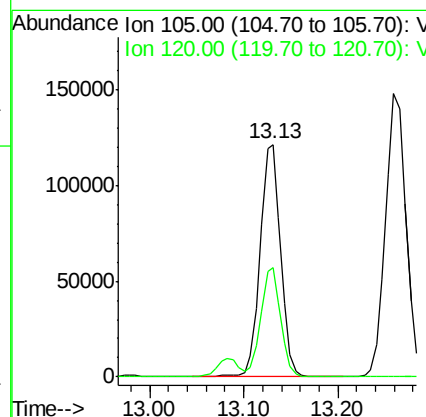
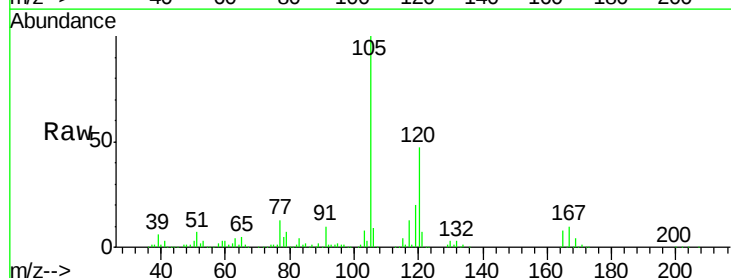
RT: 13.13 min Scan# 1869

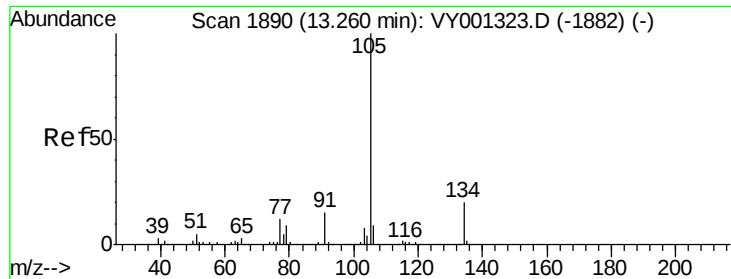
Delta R.T. 0.01 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		186570		
120	45.5	22.4	67.3		





#85

sec-Butylbenzene

Concen: 20.732 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 223780

Ion Ratio Lower Upper

105 100

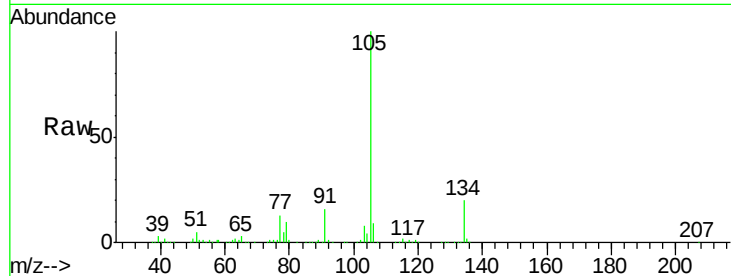
134 20.4 9.8 29.4

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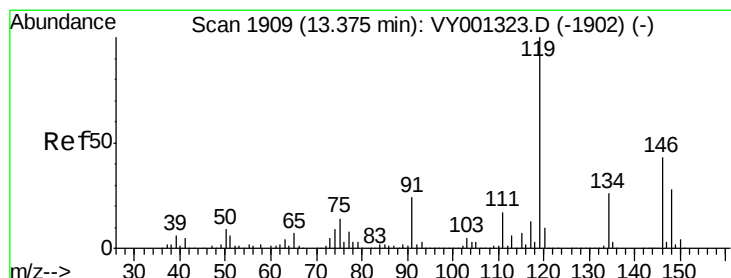
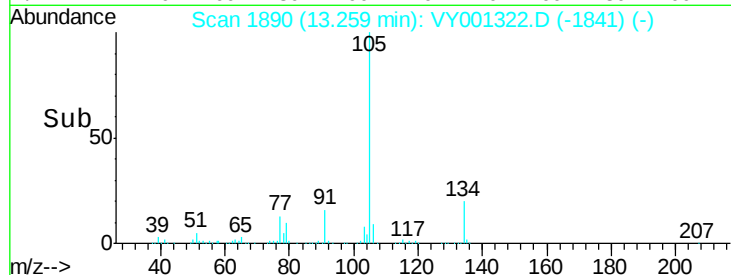
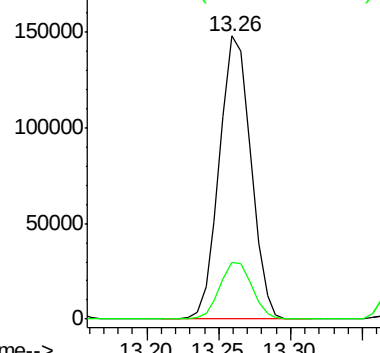
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.491 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001322.D

Acq: 21 Jan 2020 15:25

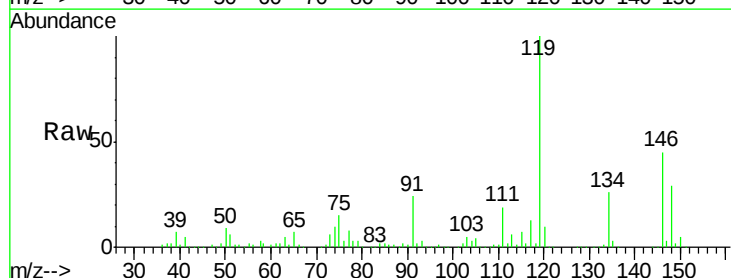
Tgt Ion:119 Resp: 201142

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

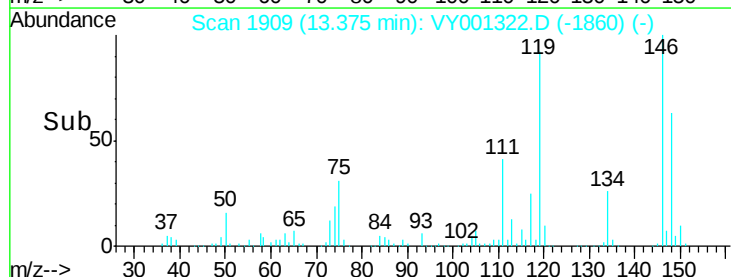
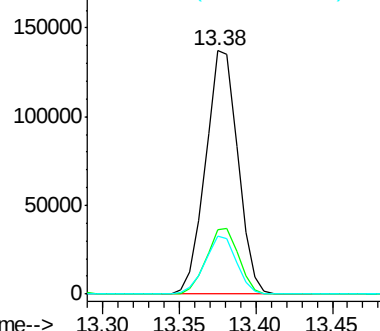
91 23.5 12.2 36.6

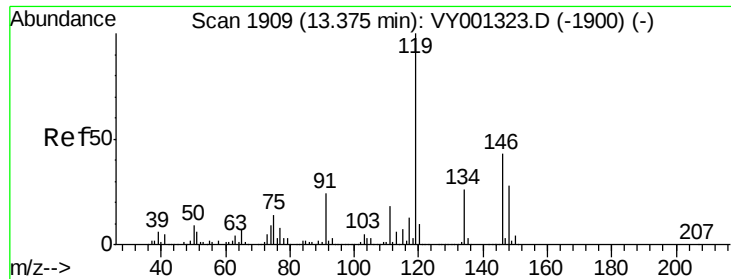


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





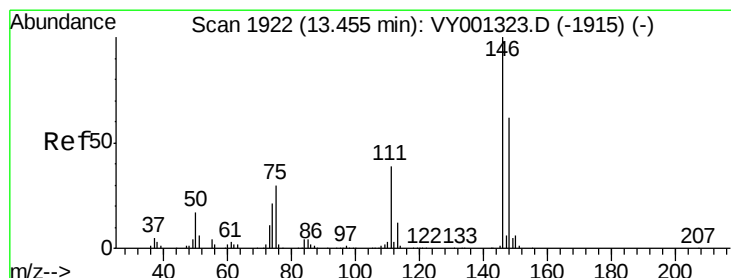
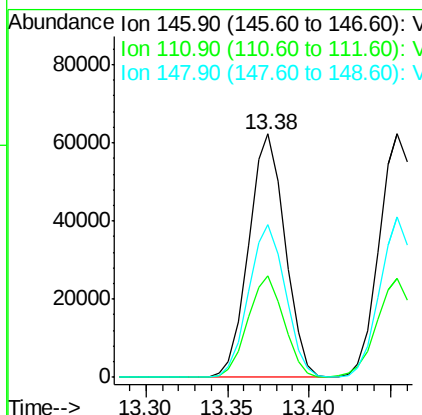
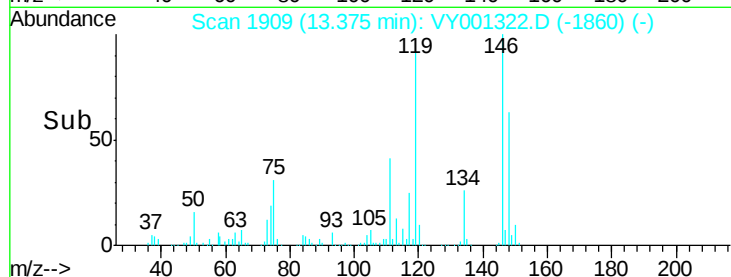
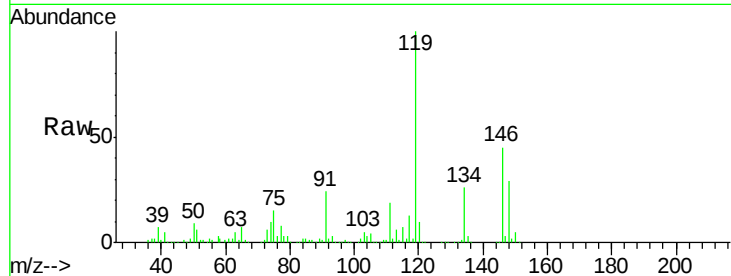
#87
 1,3-Dichlorobenzene
 Concen: 21.602 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	63.4	31.6	95.0

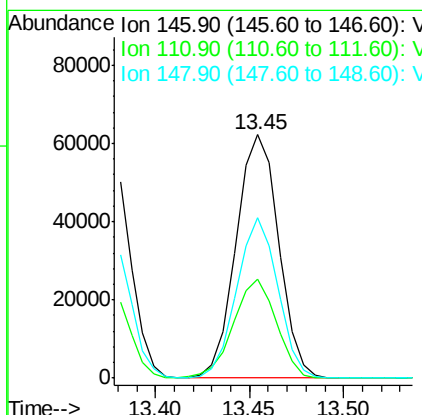
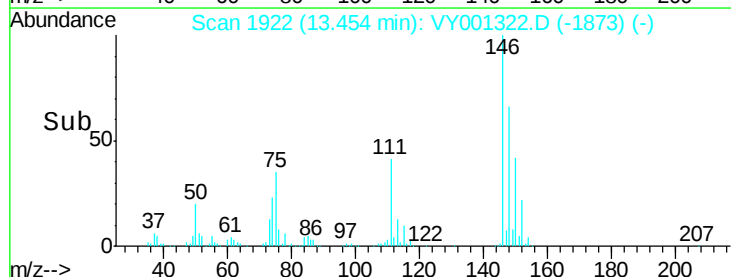
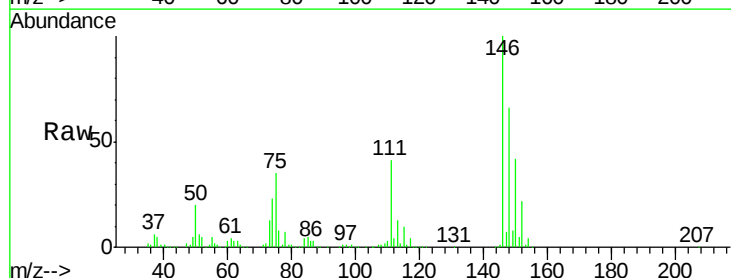
Manual Integrations
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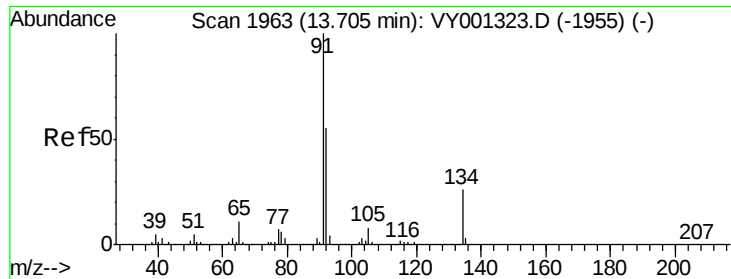
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#88
 1,4-Dichlorobenzene
 Concen: 21.156 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	63.9	31.6	95.0





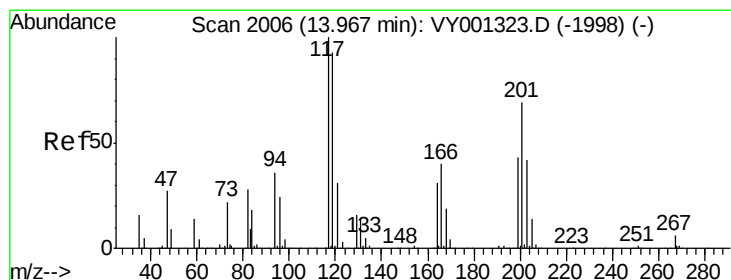
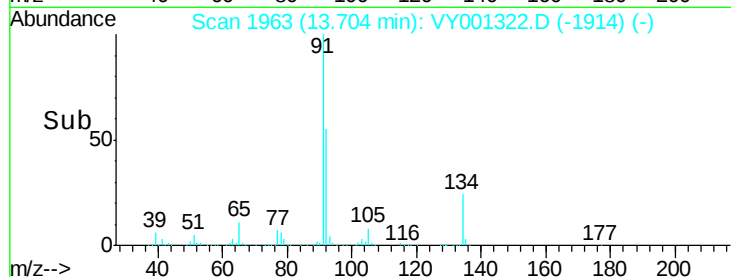
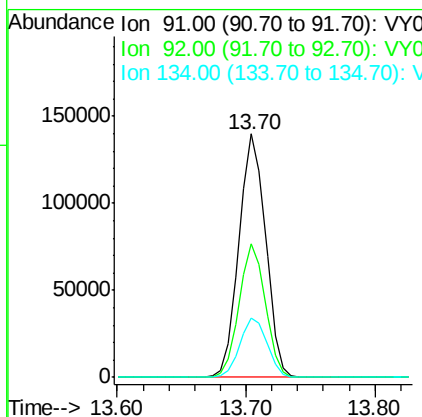
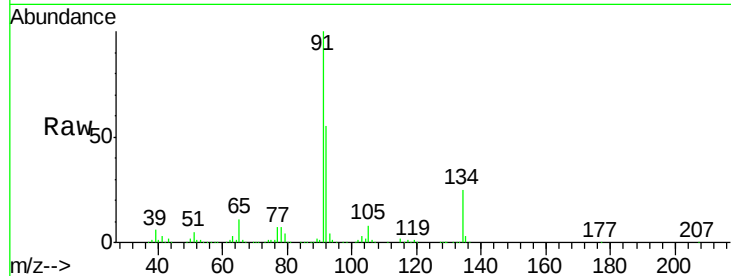
#89
n-Butylbenzene
Concen: 21.334 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	200820		
92	54.0		27.6	82.8
134	24.8		12.9	38.6

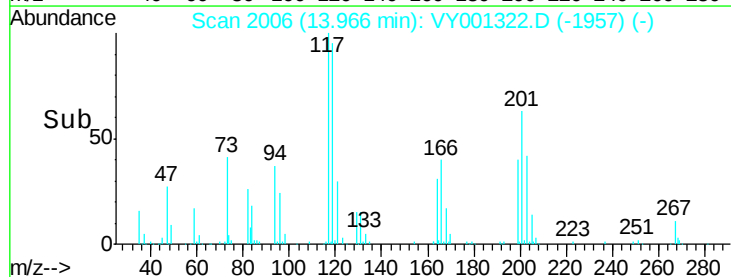
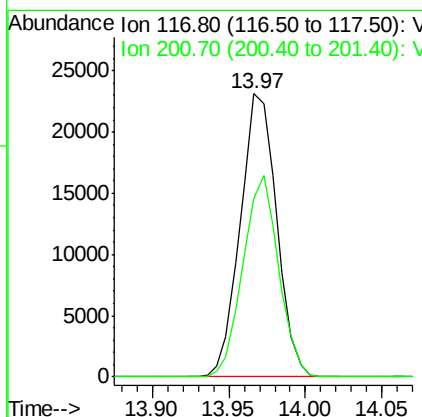
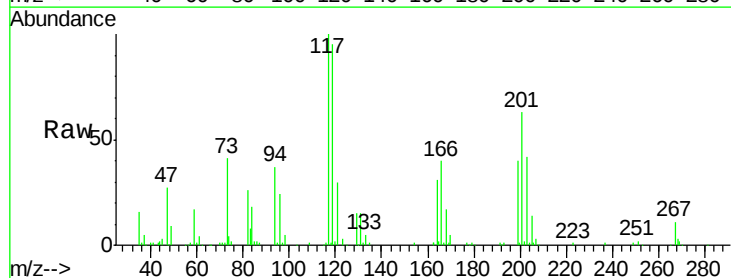
Manual Integrations
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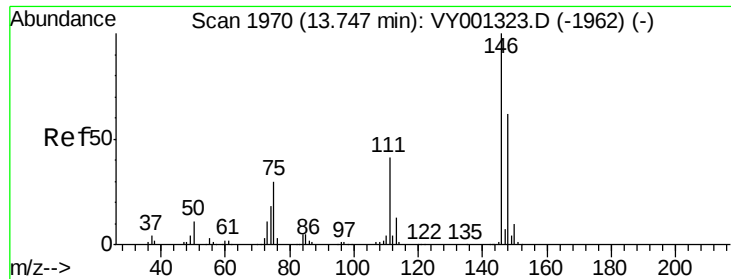
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#90
Hexachloroethane
Concen: 20.912 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38164		
201	69.6		34.6	103.8





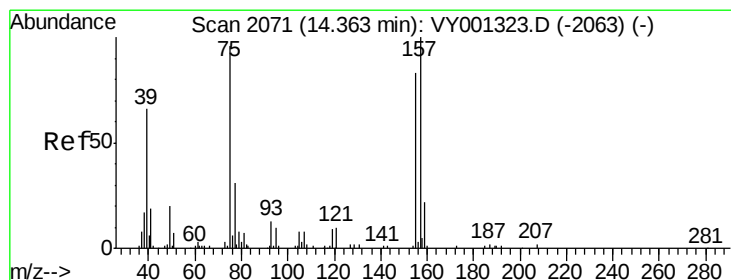
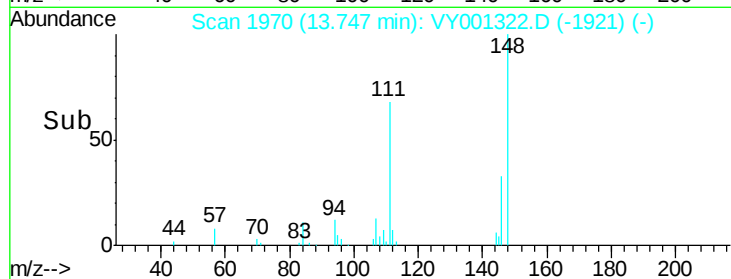
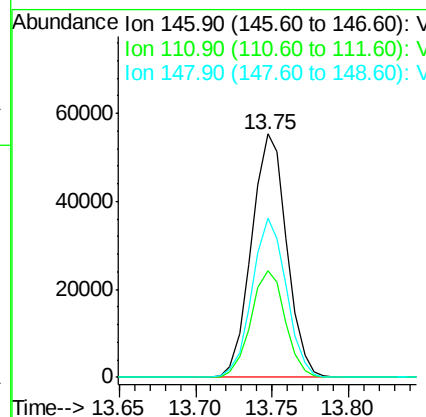
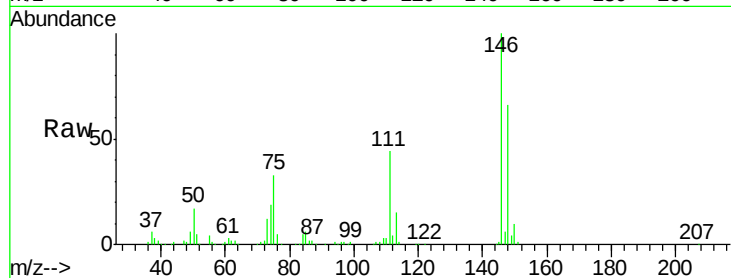
#91
 1,2-Dichlorobenzene
 Concen: 21.241 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	63.7	31.5	94.5

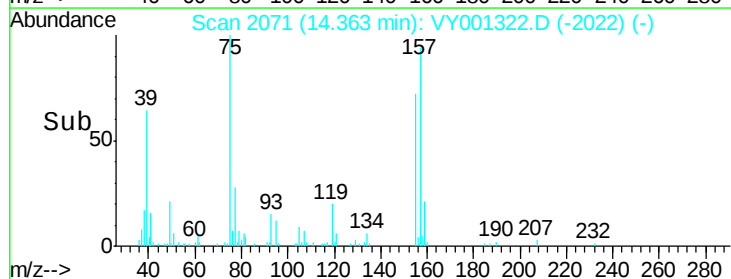
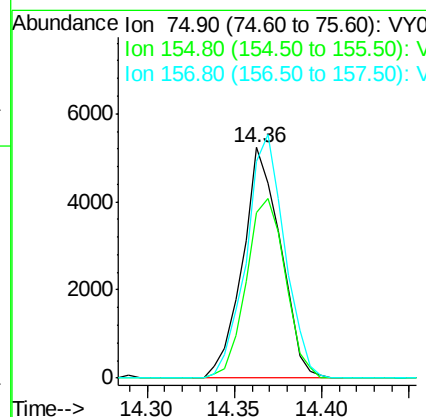
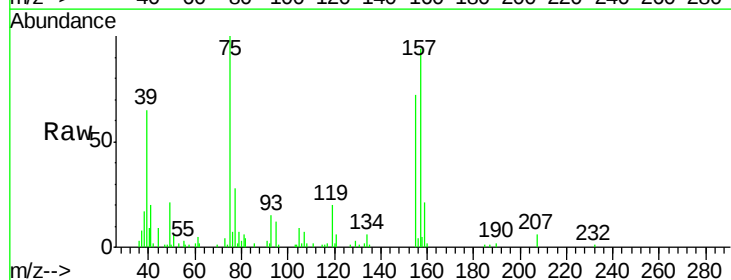
Manual Integrations
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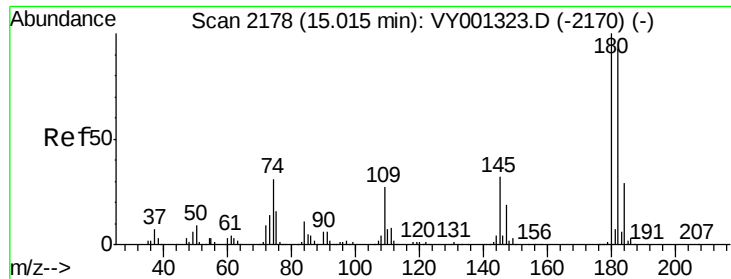
MMDadoda
 1/22/2020 10:49:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.559 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001322.D
 Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	43.0	129.2
157	106.8	53.3	160.0





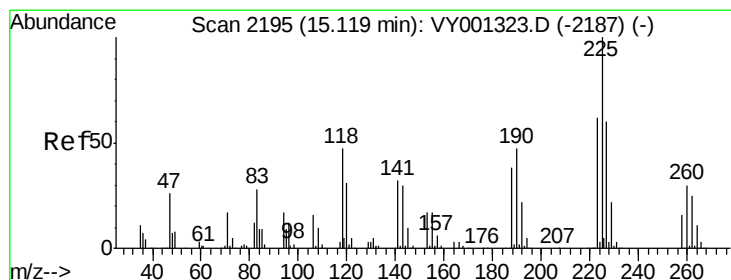
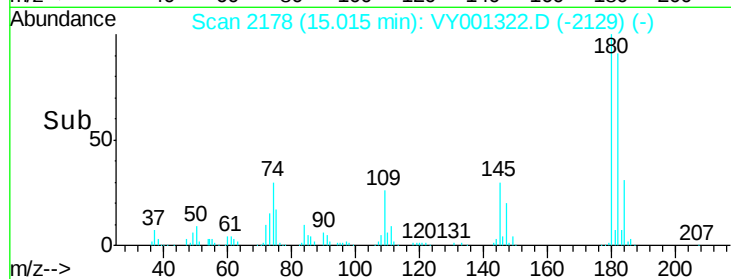
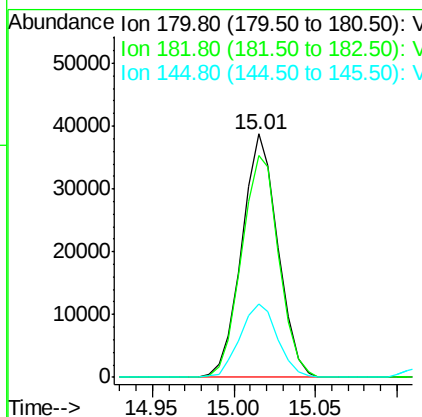
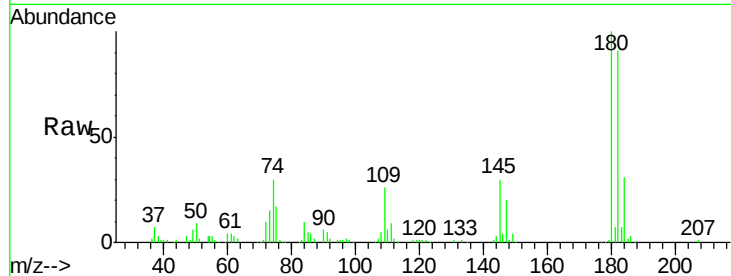
#93
1,2,4-Trichlorobenzene
Concen: 21.714 ug/l
RT: 15.01 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	31.6	16.3	48.9

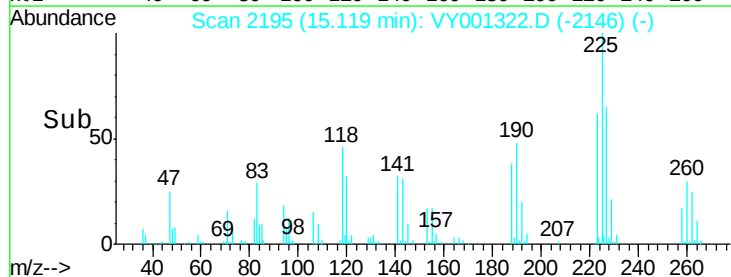
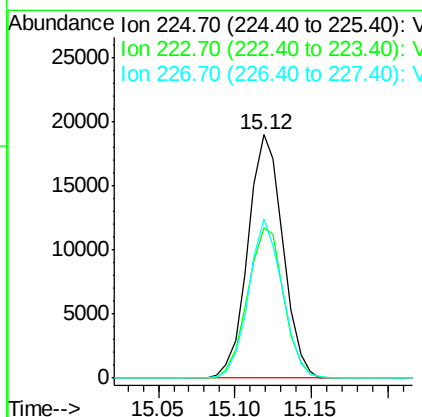
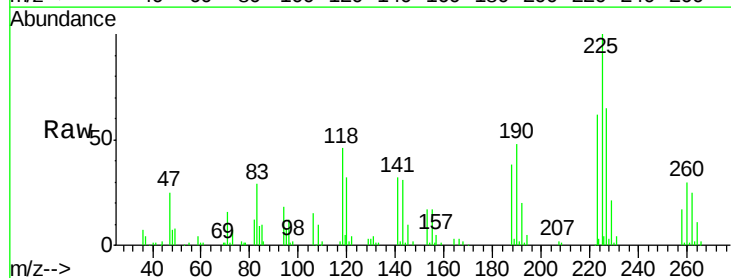
Manual Integrations
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1/22/2020 10:49:30 AM



#94
Hexachlorobutadiene
Concen: 21.977 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	62.8	31.0	93.0





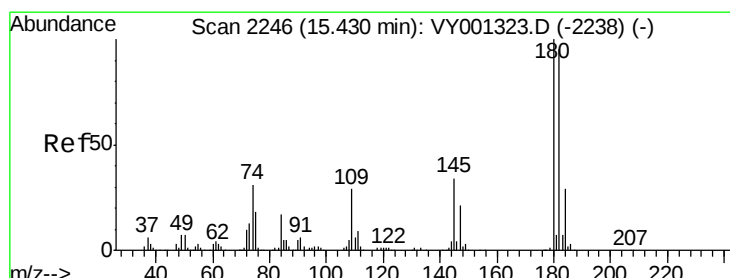
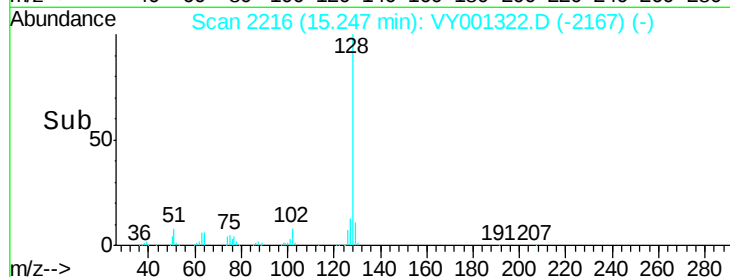
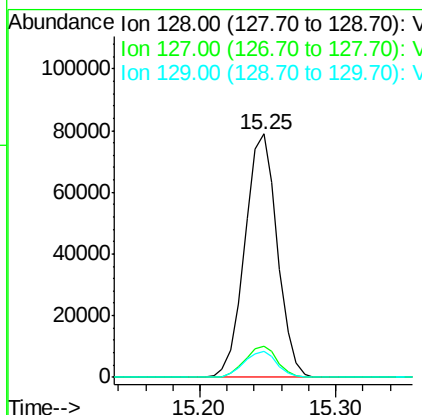
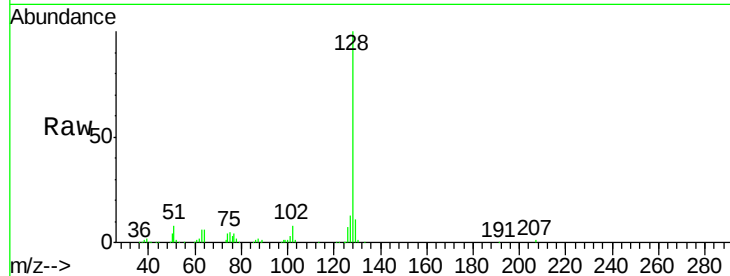
#95
Naphthalene
Concen: 20.650 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
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1/22/2020 10:49:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.404 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001322.D
Acq: 21 Jan 2020 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	34.4	16.8	50.3

