

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009254.D
 Acq On : 24 Jan 2019 12:24
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:16 AM

Quant Time: Jan 24 13:24:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	83043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	140666	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	131514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	5112	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
35) Dibromofluoromethane	4.64	113	4685	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	7.35	98	17383	4.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.76%	
62) 4-Bromofluorobenzene	10.12	95	7182	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3270	4.868	ug/l 94
3) Chloromethane	1.24	50	4644	5.136	ug/l 94
4) Vinyl Chloride	1.32	62	4637	4.514	ug/l # 88
5) Bromomethane	1.52	94	3036	5.211	ug/l 84
6) Chloroethane	1.59	64	2532	4.410	ug/l 95
7) Trichlorofluoromethane	1.76	101	2275	3.155	ug/l 96
8) Diethyl Ether	1.96	74	2262	4.989	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.13	101	3951	4.410	ug/l 95
10) Methyl Iodide	2.25	142	6585	4.605	ug/l 95
11) Tert butyl alcohol	2.65	59	4412	55.580	ug/l # 78
12) 1,1-Dichloroethene	2.14	96	4123	4.688	ug/l 86
13) Acrolein	2.06	56	1288	9.112	ug/l 88
14) Allyl chloride	2.41	41	6597	4.352	ug/l 98
15) Acrylonitrile	2.76	53	5316	27.065	ug/l 95
16) Acetone	2.18	43	9127	33.217	ug/l 98
17) Carbon Disulfide	2.31	76	11155	4.146	ug/l 97
18) Methyl Acetate	2.45	43	3930	5.355	ug/l 100
19) Methyl tert-butyl Ether	2.80	73	6536	4.787	ug/l 100
20) Methylene Chloride	2.52	84	5687	2.336	ug/l 97
21) trans-1,2-Dichloroethene	2.78	96	4751	5.014	ug/l 86
22) Diisopropyl ether	3.32	45	15577	4.826	ug/l 98
23) Vinyl Acetate	3.30	43	42833	24.456	ug/l 99
24) 1,1-Dichloroethane	3.21	63	9758	4.859	ug/l 98
25) 2-Butanone	4.02	43	8810	28.039	ug/l 99
26) 2,2-Dichloropropane	3.95	77	4523m	4.002	ug/l
27) cis-1,2-Dichloroethene	3.95	96	5624	4.911	ug/l 98
28) Bromochloromethane	4.29	49	3550	4.790	ug/l # 98
29) Tetrahydrofuran	4.38	42	4868	28.486	ug/l 97
30) Chloroform	4.42	83	9524	4.722	ug/l 98
31) Cyclohexane	4.71	56	9731	5.308	ug/l # 80
32) 1,1,1-Trichloroethane	4.65	97	7106	4.180	ug/l 96
36) 1,1-Dichloropropene	4.87	75	7068	4.526	ug/l # 84
37) Ethyl Acetate	4.13	43	2498	4.162	ug/l # 92
38) Carbon Tetrachloride	4.86	117	6859	4.387	ug/l 97

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	8774	4.744	ug/l	95
40) Benzene	5.14	78	20967	4.800	ug/l	99
41) Methacrylonitrile	4.31	41	1851	5.117	ug/l #	96
42) 1,2-Dichloroethane	5.17	62	6639	4.856	ug/l	95
43) Isopropyl Acetate	5.33	43	6432	5.448	ug/l #	91
44) Trichloroethene	5.95	130	5919	5.149	ug/l	89
45) 1,2-Dichloropropane	6.22	63	5206	4.955	ug/l	90
46) Dibromomethane	6.35	93	2803	5.199	ug/l	94
47) Bromodichloromethane	6.55	83	6637	4.659	ug/l	97
48) Methyl methacrylate	6.42	41	3081	5.114	ug/l	97
49) 1,4-Dioxane	6.42	88	898	130.758	ug/l #	86
51) 4-Methyl-2-Pentanone	7.27	43	17513	29.229	ug/l	99
52) Toluene	7.43	92	13122	4.749	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	6312	4.552	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	7126	4.463	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	3857	5.078	ug/l	97
56) Ethyl methacrylate	7.83	69	4028	4.551	ug/l	93
57) 1,3-Dichloropropane	8.06	76	7125	5.181	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.94	63	19	1.374	ug/l #	52
59) 2-Hexanone	8.19	43	12187	28.122	ug/l	99
60) Dibromochloromethane	8.29	129	4316	4.853	ug/l	98
61) 1,2-Dibromoethane	8.40	107	3738	5.032	ug/l	97
64) Tetrachloroethene	8.02	164	4702	5.024	ug/l	96
65) Chlorobenzene	8.92	112	15830	5.174	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	4666	4.462	ug/l	96
67) Ethyl Benzene	9.05	91	25059	4.597	ug/l	99
68) m/p-Xylenes	9.18	106	18712	9.043	ug/l	99
69) o-Xylene	9.59	106	8452	4.406	ug/l	94
70) Styrene	9.60	104	13429	4.386	ug/l	99
71) Bromoform	9.78	173	2366	4.798	ug/l #	95
73) Isopropylbenzene	9.97	105	24513	4.629	ug/l	99
74) N-amyl acetate	9.84	43	5558	5.676	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	5022	5.626	ug/l	96
76) 1,2,3-Trichloropropane	10.32	75	3691m	5.257	ug/l	
77) Bromobenzene	10.26	156	5845	5.161	ug/l	98
78) n-propylbenzene	10.40	91	29089	4.634	ug/l	100
79) 2-Chlorotoluene	10.47	91	18326	4.838	ug/l	96
80) 1,3,5-Trimethylbenzene	10.58	105	20332	4.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	1052	4.240	ug/l	85
82) 4-Chlorotoluene	10.58	91	21466	4.812	ug/l	99
83) tert-Butylbenzene	10.91	119	19830	4.689	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	20917	4.669	ug/l	100
85) sec-Butylbenzene	11.13	105	26642	4.810	ug/l	99
86) p-Isopropyltoluene	11.29	119	22866	4.715	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	12403	5.274	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	12792	5.381	ug/l	94
89) n-Butylbenzene	11.70	91	23291	4.948	ug/l	98
90) Hexachloroethane	11.95	117	4078	4.729	ug/l	94
91) 1,2-Dichlorobenzene	11.69	146	10976	5.287	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.48	75	702	4.684	ug/l	92

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MSVOA_V
ClientSampleId :
VSTDICC005

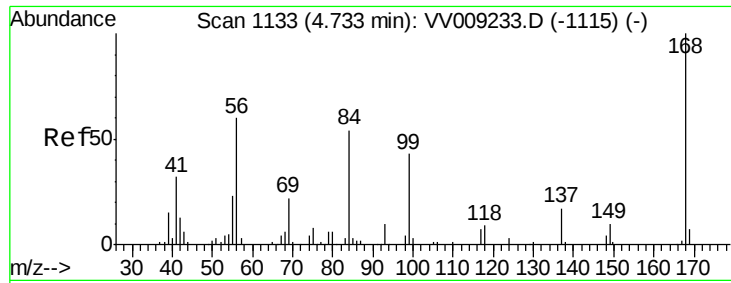
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	8367	6.261	ug/l	98
94) Hexachlorobutadiene	13.49	225	4670	5.638	ug/l	96
95) Naphthalene	13.56	128	16945	7.333	ug/l	97
96) 1,2,3-Trichlorobenzene	13.80	180	7323	6.471	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 83043

Ion Ratio Lower Upper

168 100

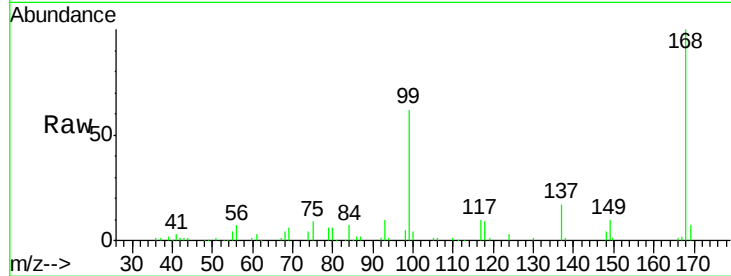
99 61.3 50.9 76.3

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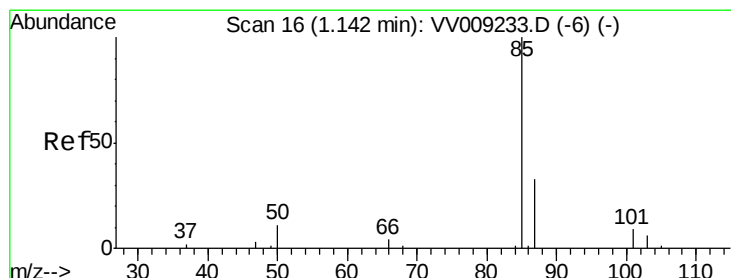
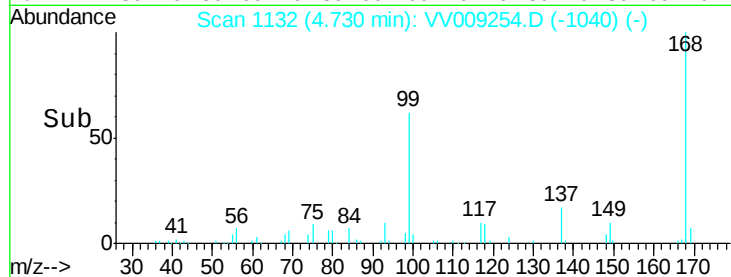
Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.868 ug/l

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV009254.D

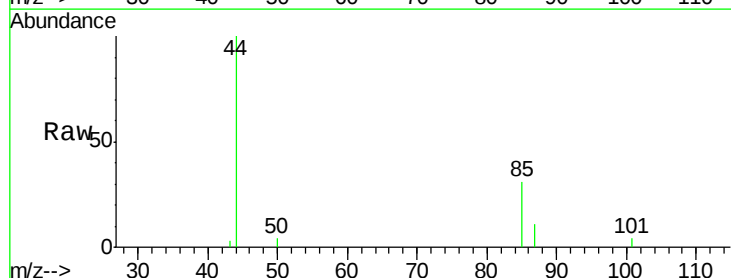
Acq: 24 Jan 2019 12:24

Tgt Ion: 85 Resp: 3270

Ion Ratio Lower Upper

85 100

87 36.5 16.6 49.7



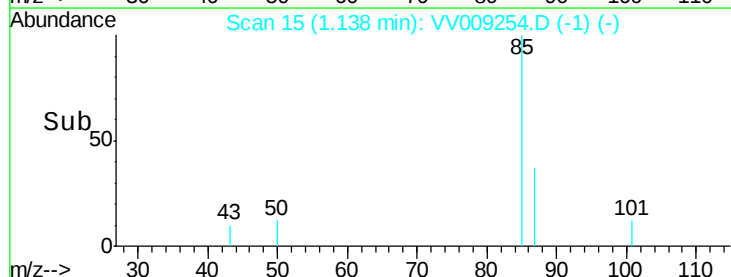
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

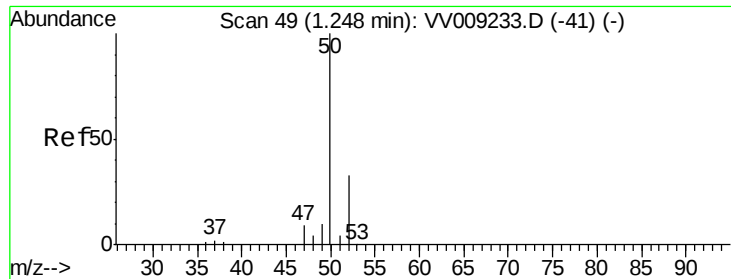
Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

1.10 1.15 1.20

Time-->





#3

Chloromethane

Concen: 5.136 ug/l

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 4644

Ion Ratio Lower Upper

50 100

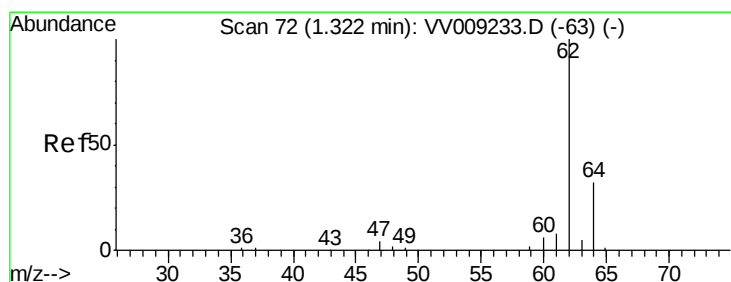
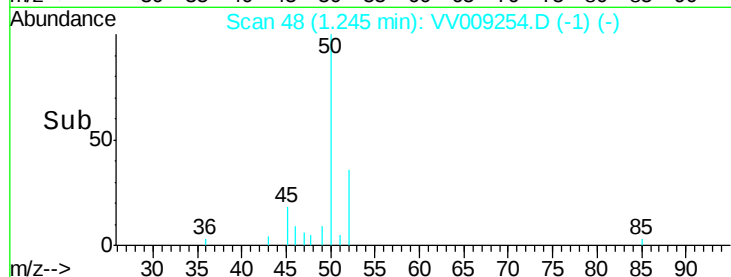
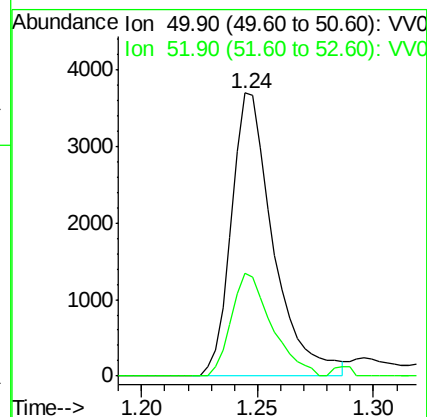
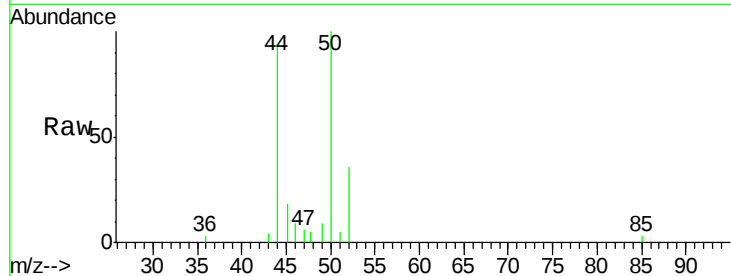
52 36.3 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.514 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009254.D

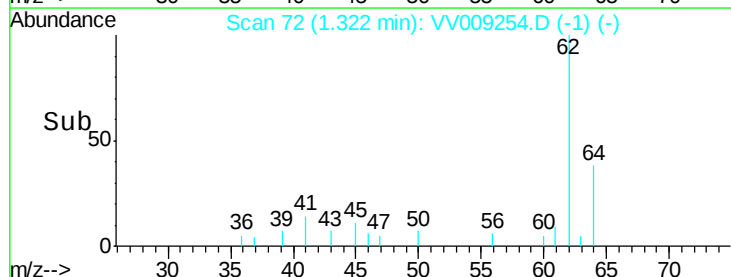
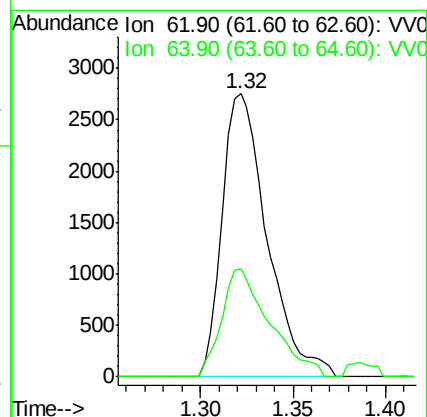
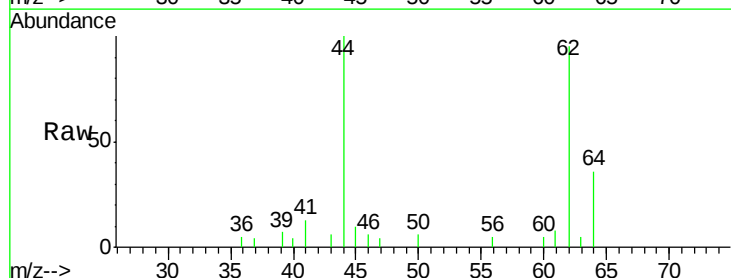
Acq: 24 Jan 2019 12:24

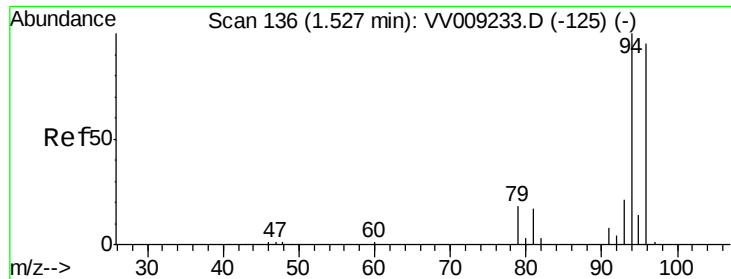
Tgt Ion: 62 Resp: 4637

Ion Ratio Lower Upper

62 100

64 38.3 25.4 38.0#





#5

Bromomethane

Concen: 5.211 ug/l

RT: 1.52 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 3036

Ion Ratio Lower Upper

94 100

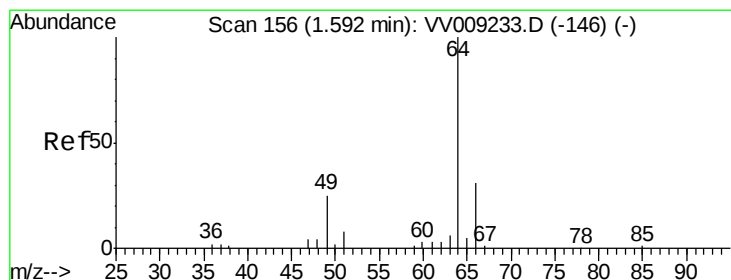
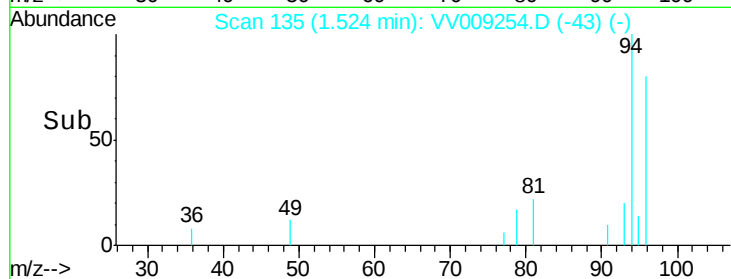
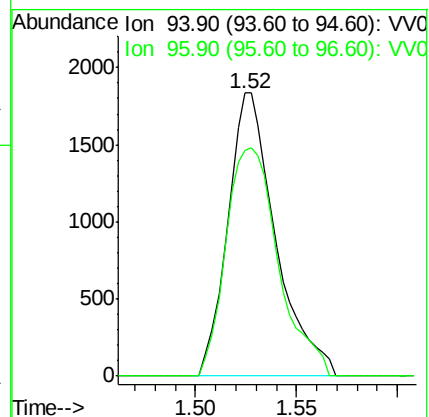
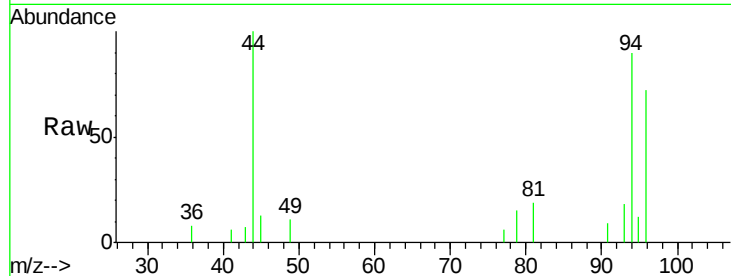
96 79.9 76.3 114.5

Manual Integrations

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#6

Chloroethane

Concen: 4.410 ug/l

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV009254.D

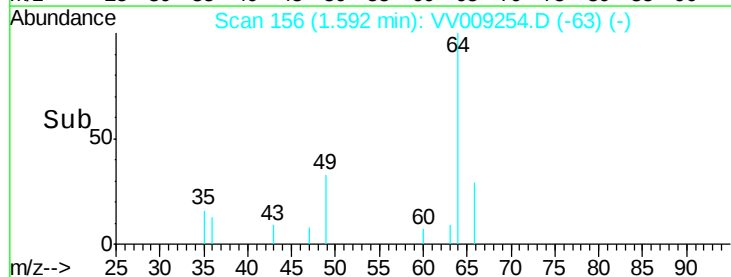
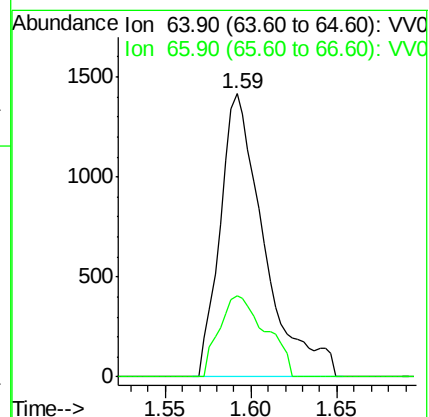
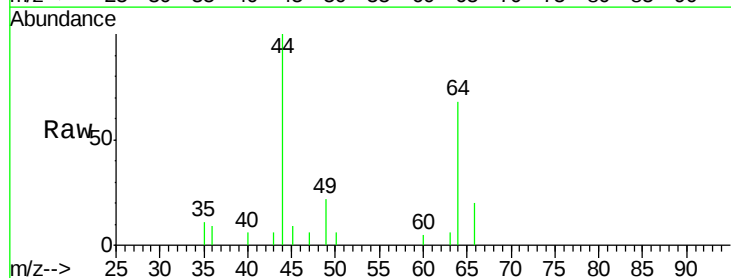
Acq: 24 Jan 2019 12:24

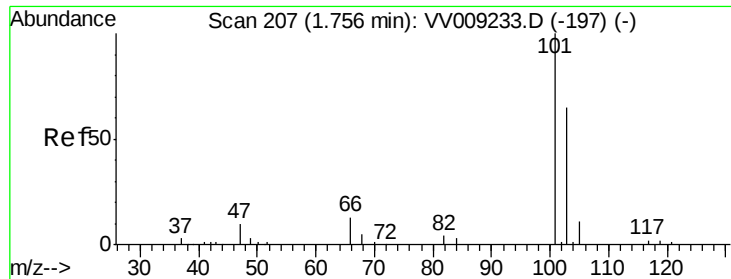
Tgt Ion: 64 Resp: 2532

Ion Ratio Lower Upper

64 100

66 28.8 25.1 37.7





#7

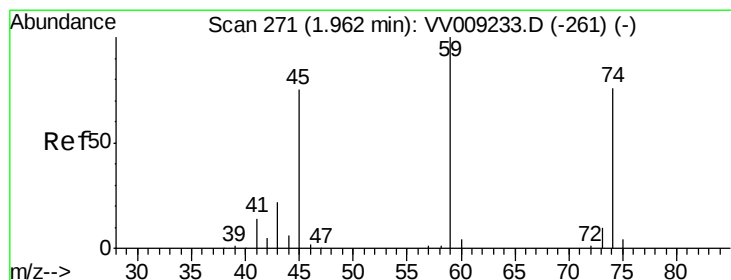
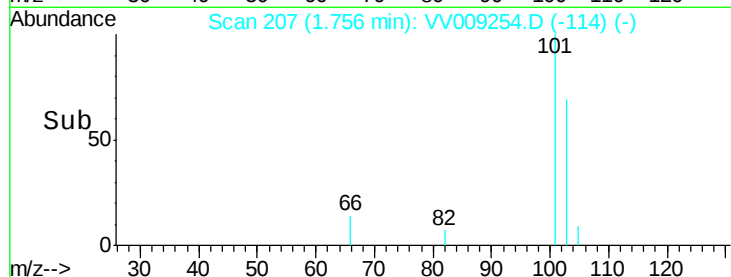
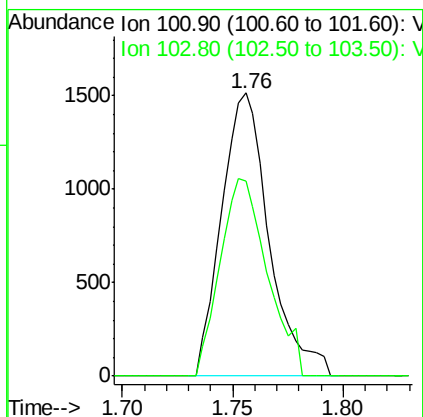
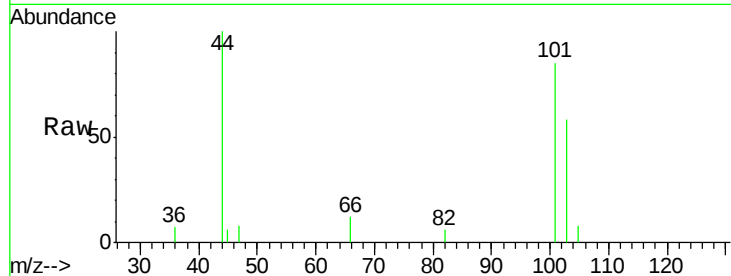
Trichlorofluoromethane
Concen: 3.155 ug/l
RT: 1.76 min Scan# 207
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 2275
Ion Ratio Lower Upper
101 100
103 68.8 52.2 78.4

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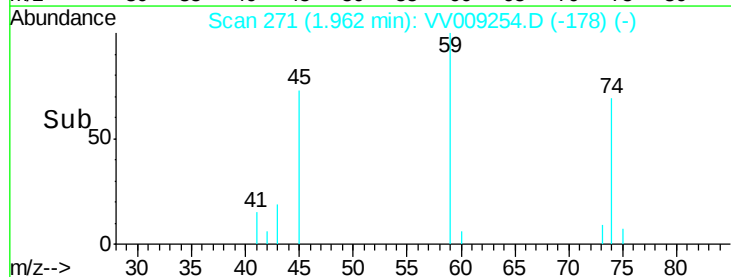
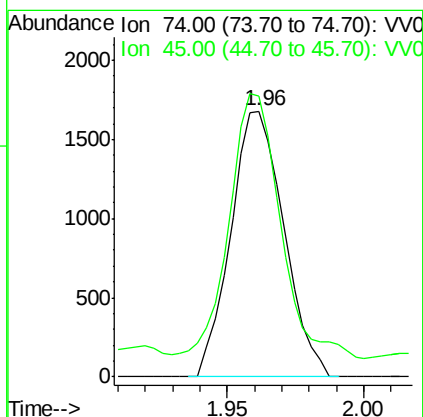
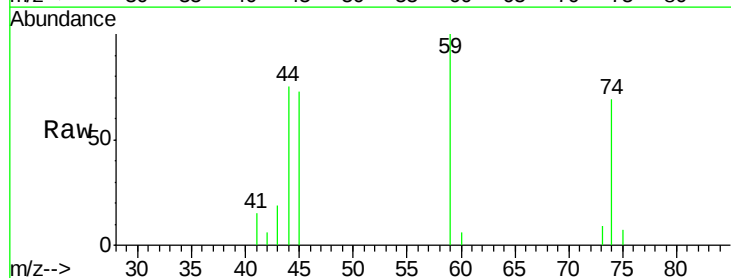
MMDadoda
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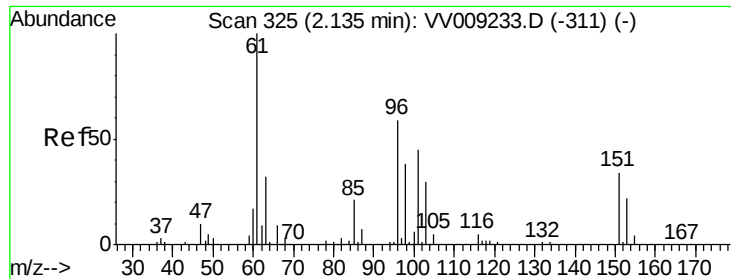


#8

Diethyl Ether
Concen: 4.989 ug/l
RT: 1.96 min Scan# 271
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 74 Resp: 2262
Ion Ratio Lower Upper
74 100
45 96.6 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.410 ug/l

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

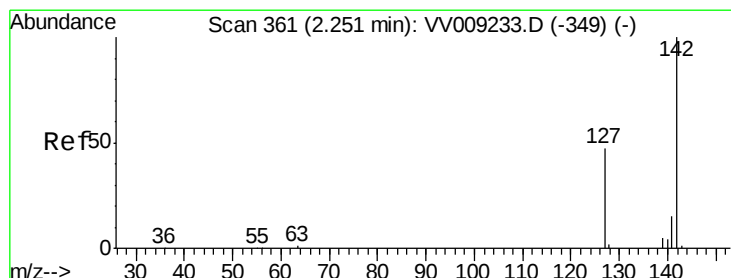
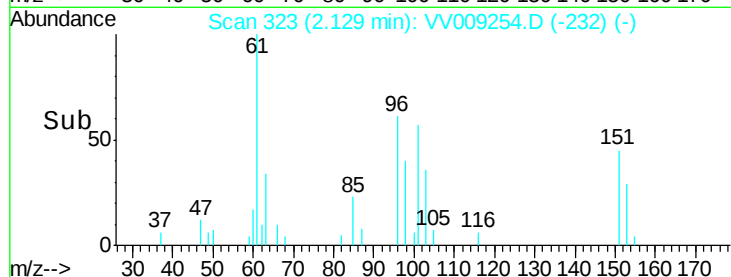
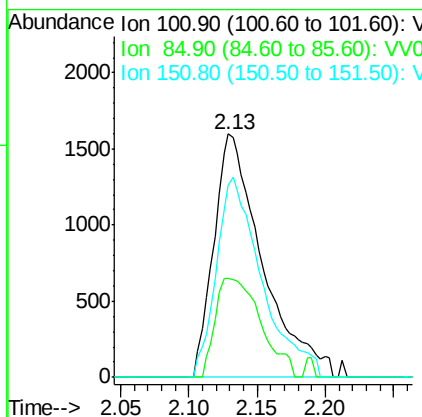
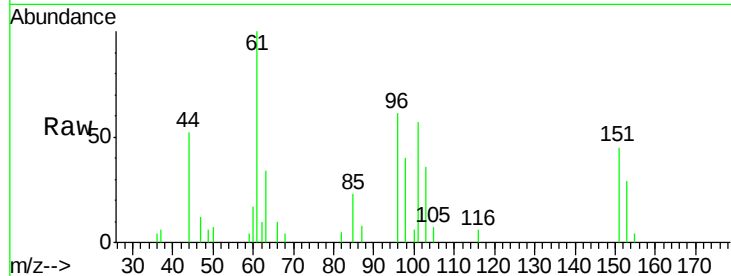
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	3951
Ion Ratio	Lower	Upper	
101	100		
85	38.0	35.3	52.9
151	76.8	60.1	90.1

Manual Integrations
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#10

Methyl Iodide

Concen: 4.605 ug/l

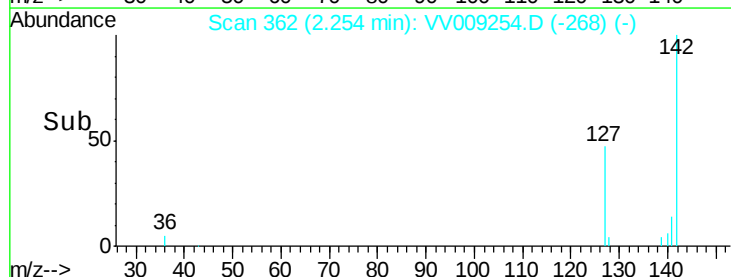
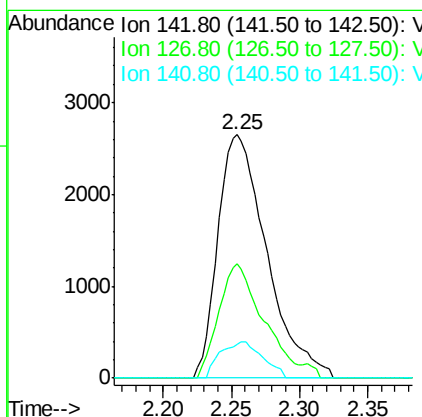
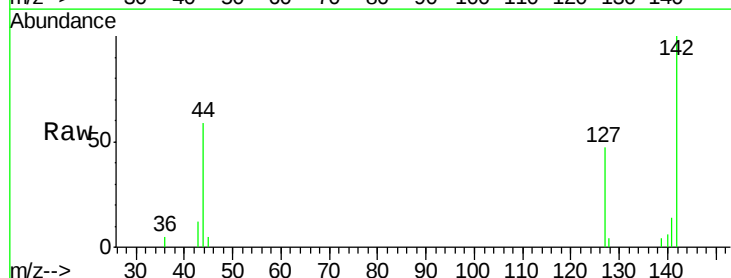
RT: 2.25 min Scan# 362

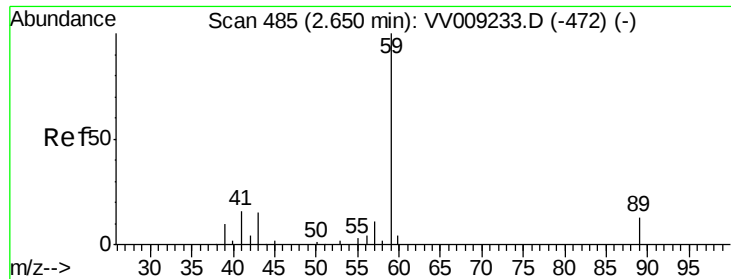
Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	142	Resp:	6585
Ion Ratio	Lower	Upper	
142	100		
127	44.0	37.9	56.9
141	12.9	11.7	17.5





#11

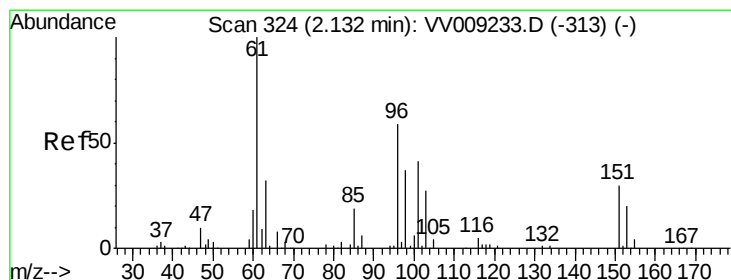
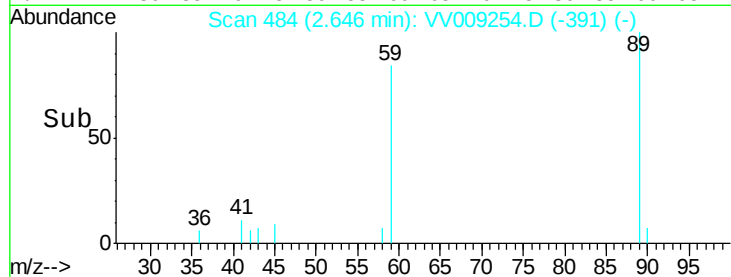
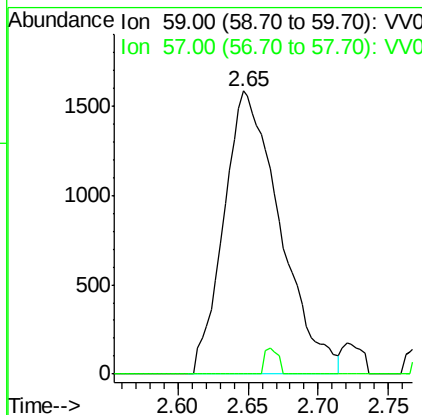
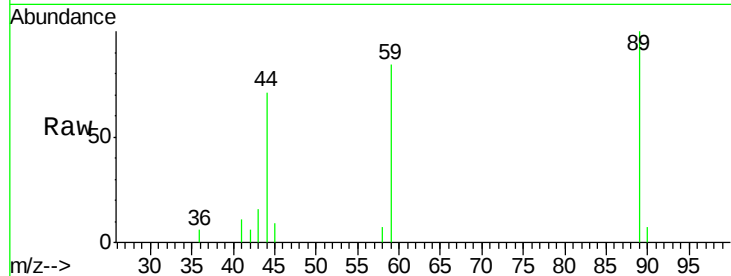
Tert butyl alcohol
 Concen: 55.580 ug/l
 RT: 2.65 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tot Ion: 59 Resp: 4412
 Ion Ratio Lower Upper
 59 100
 57 2.2 8.4 12.6#

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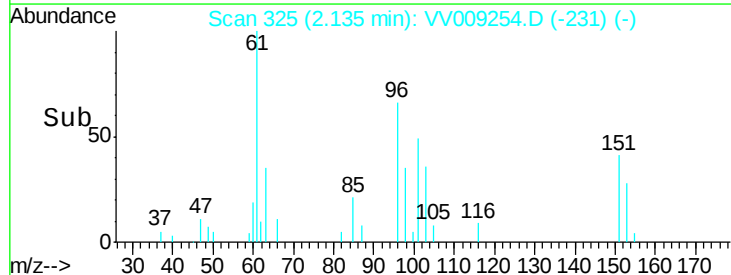
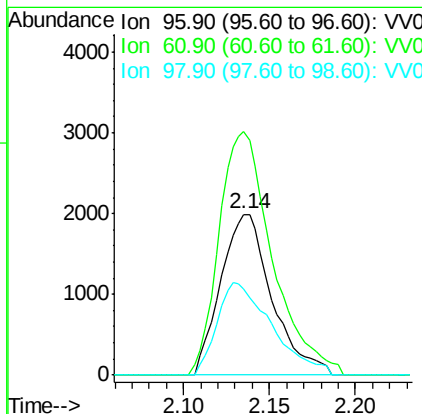
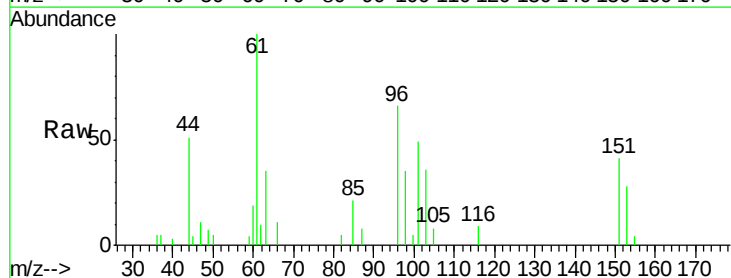
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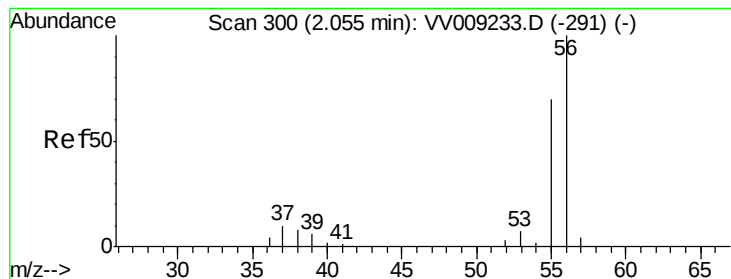


#12

1,1-Dichloroethene
 Concen: 4.688 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion: 96 Resp: 4123
 Ion Ratio Lower Upper
 96 100
 61 151.7 136.6 205.0
 98 53.5 50.6 75.8





#13

Acrolein

Concen: 9.112 ug/l

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 1288

Ion Ratio Lower Upper

56 100

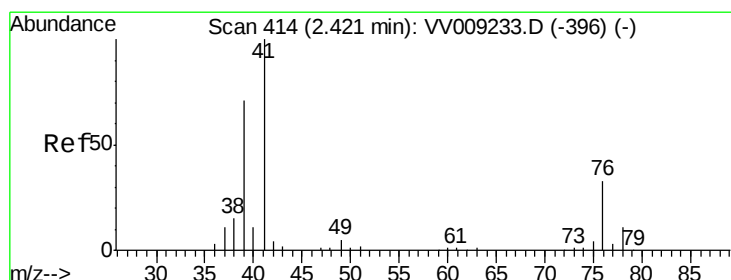
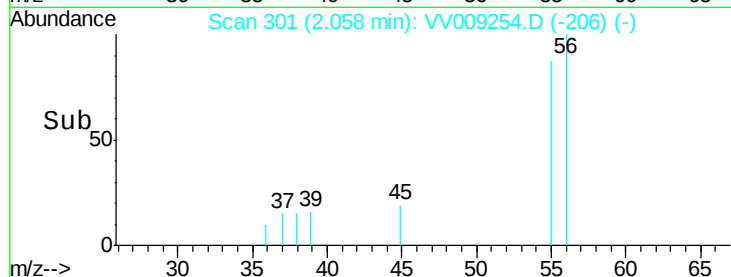
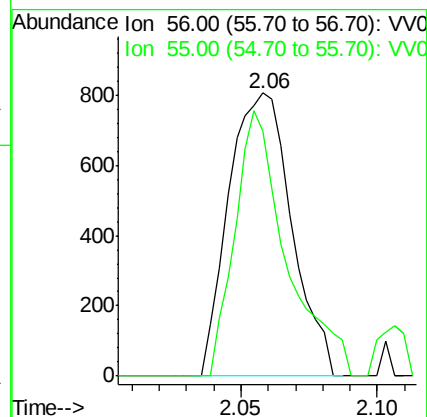
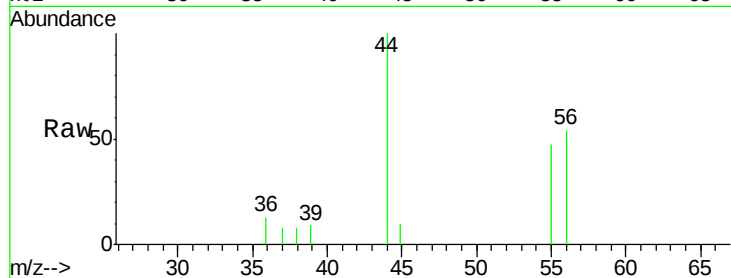
55 77.2 54.0 81.0

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#14

Allyl chloride

Concen: 4.352 ug/l

RT: 2.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

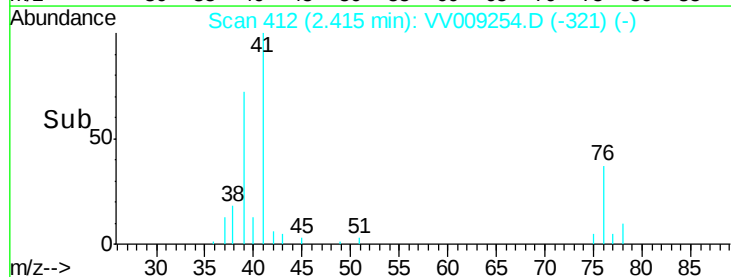
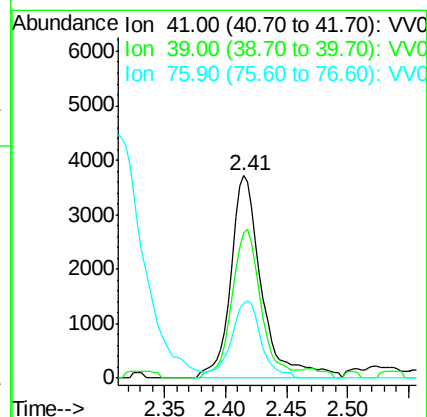
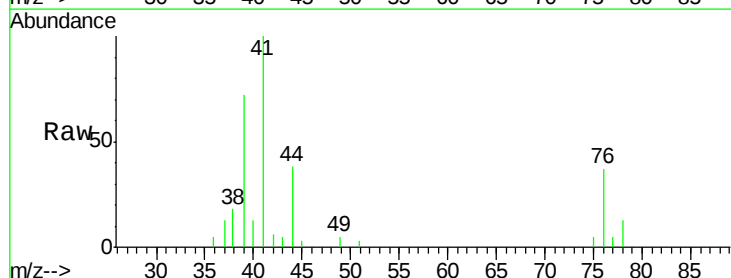
Tgt Ion: 41 Resp: 6597

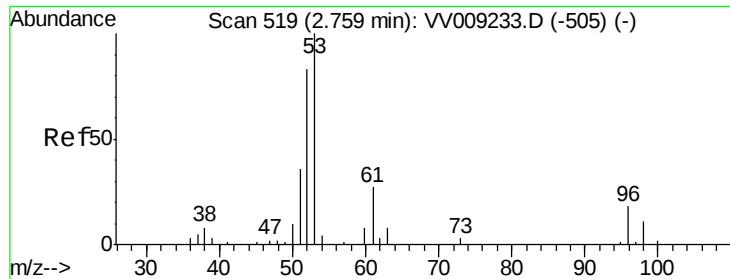
Ion Ratio Lower Upper

41 100

39 69.4 55.1 82.7

76 36.9 26.7 40.1





#15

Acrylonitrile

Concen: 27.065 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

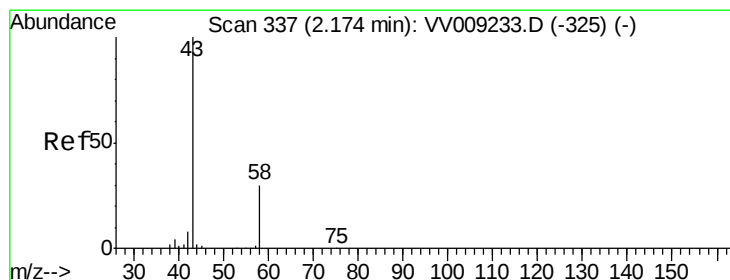
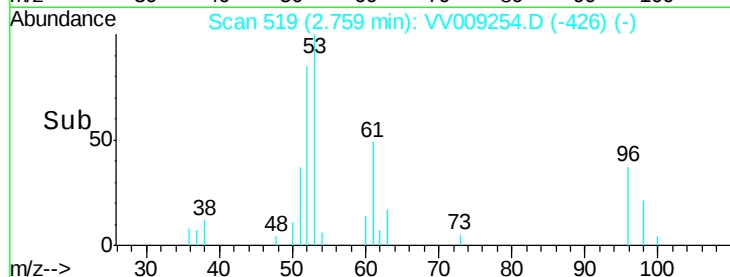
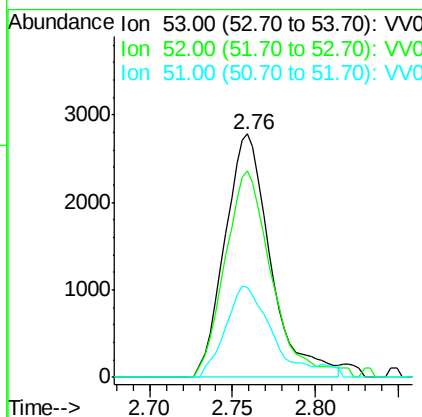
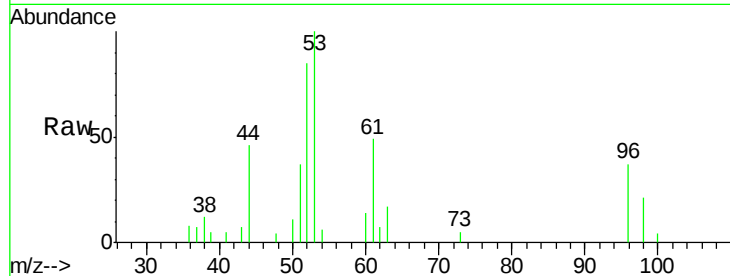
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	5316
Ion	Ratio	Lower	Upper
53	100		
52	86.9	65.3	97.9
51	37.2	29.0	43.4

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#16

Acetone

Concen: 33.217 ug/l

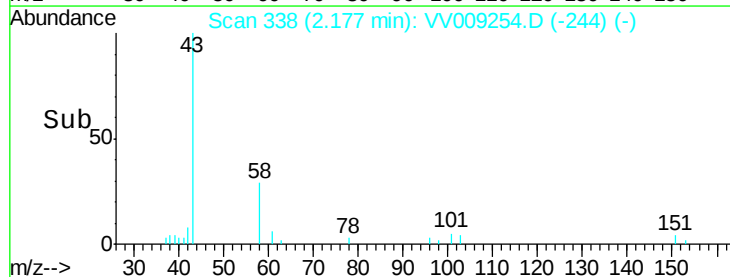
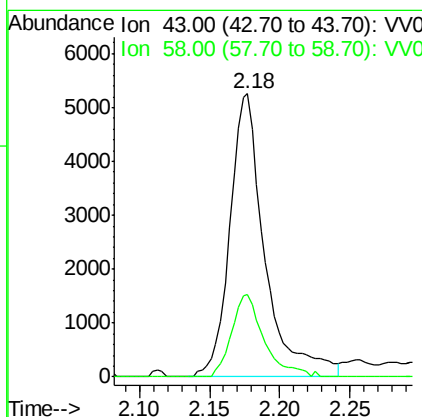
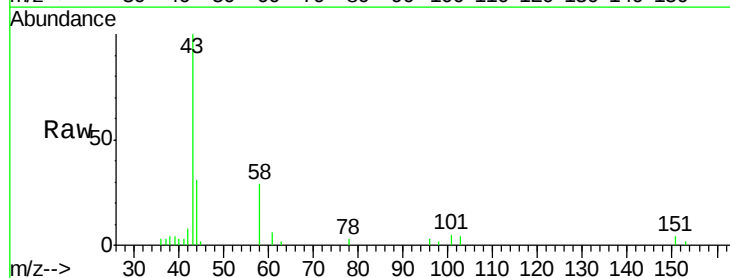
RT: 2.18 min Scan# 338

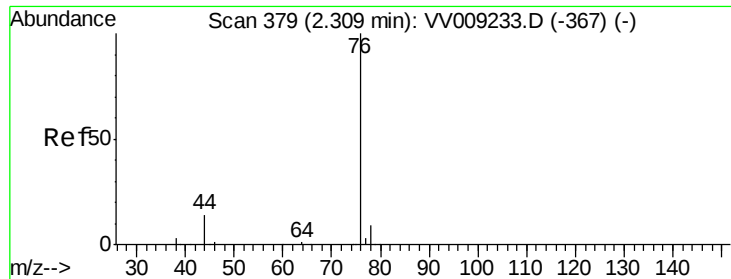
Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	43	Resp:	9127
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.4	36.6





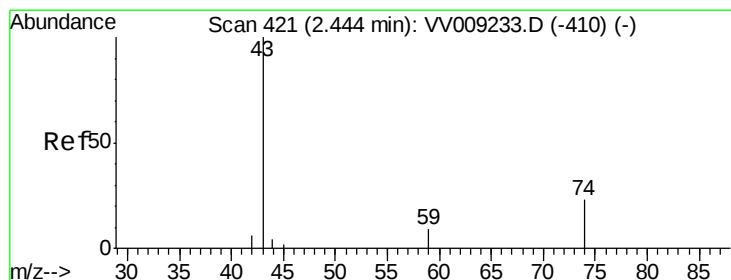
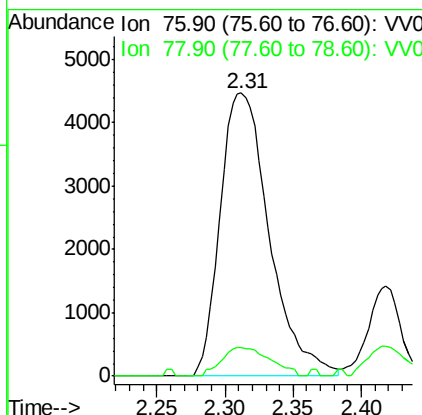
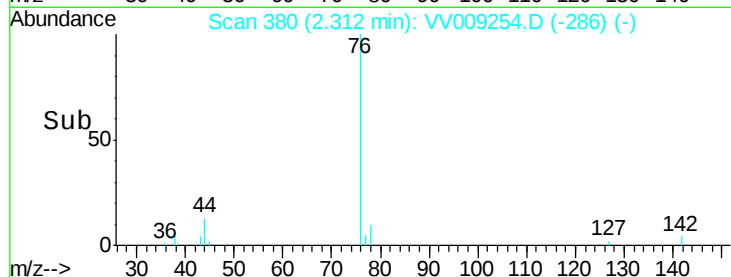
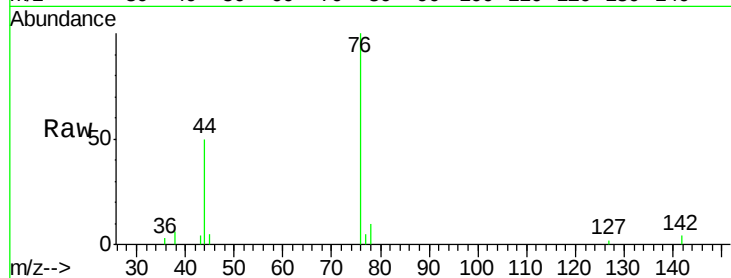
#17
Carbon Disulfide
Concen: 4.146 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 11155
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

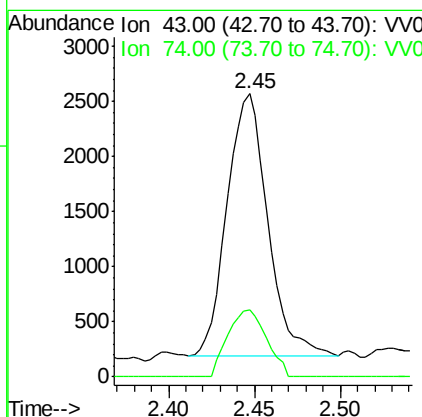
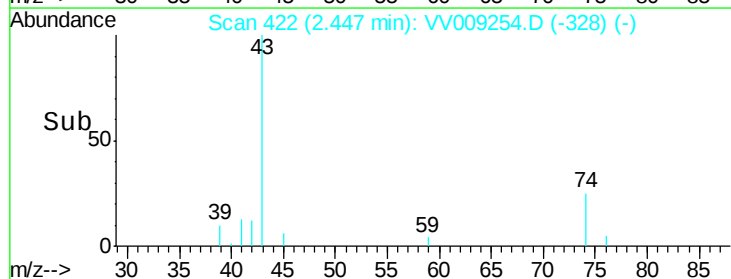
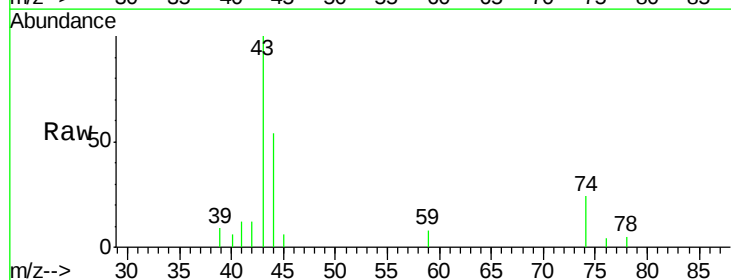
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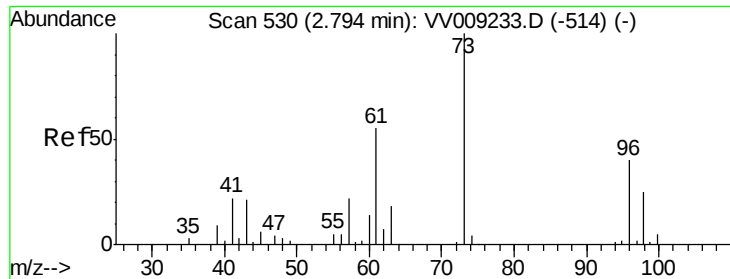
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#18
Methyl Acetate
Concen: 5.355 ug/l
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5





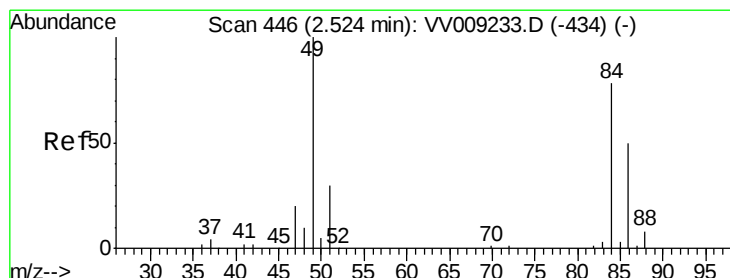
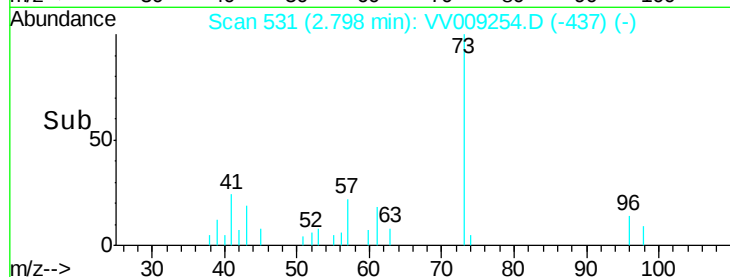
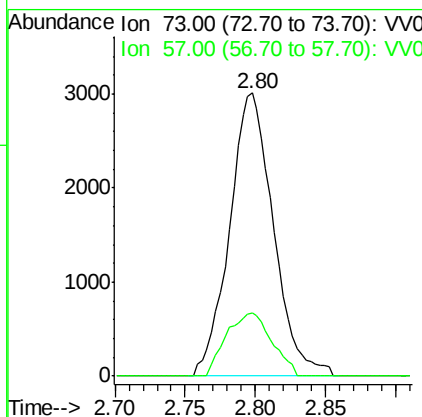
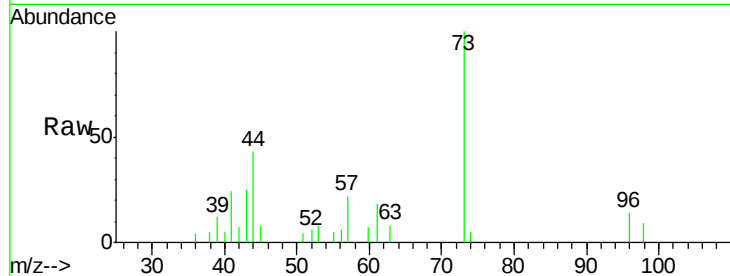
#19
Methvl tert-butvl Ether
Concen: 4.787 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 6536
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0

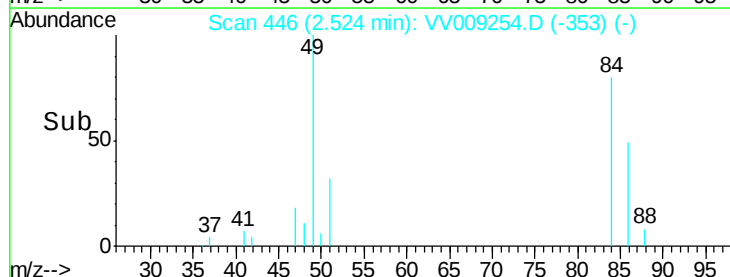
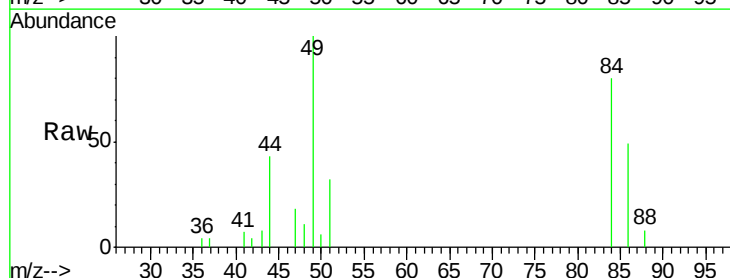
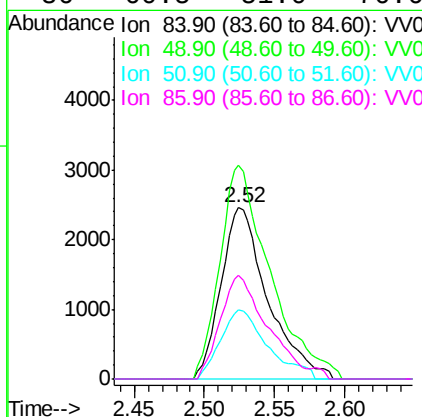
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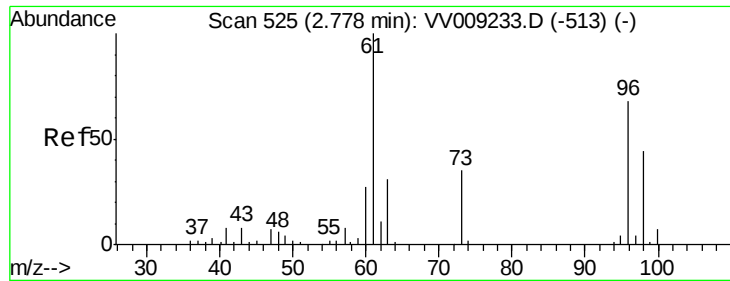
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#20
Methylene Chloride
Concen: 2.336 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 84 Resp: 5687
Ion Ratio Lower Upper
84 100
49 124.7 102.0 153.0
51 40.2 30.9 46.3
86 60.5 51.0 76.6





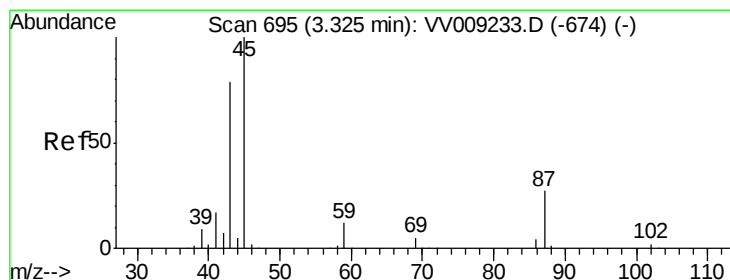
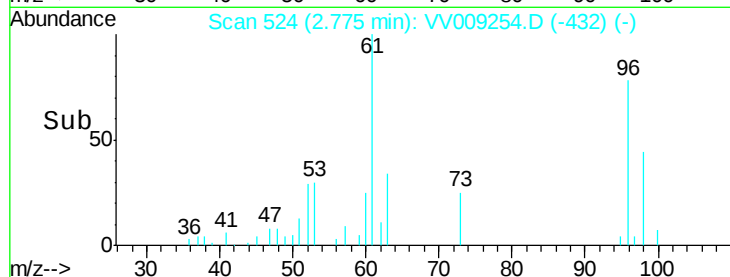
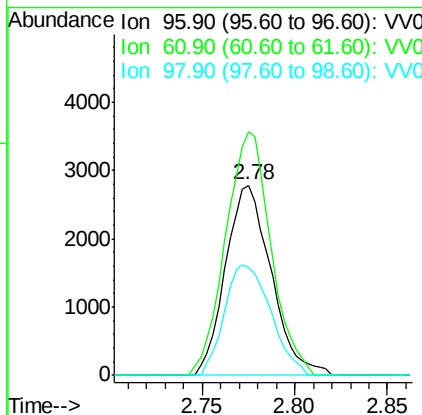
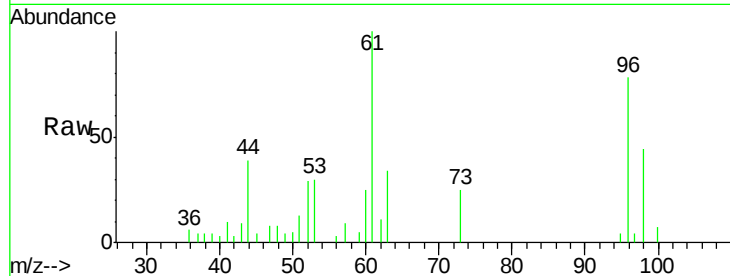
#21
trans-1,2-Dichloroethene
Concen: 5.014 ug/l
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	117.7	176.5
98	56.7	51.5	77.3

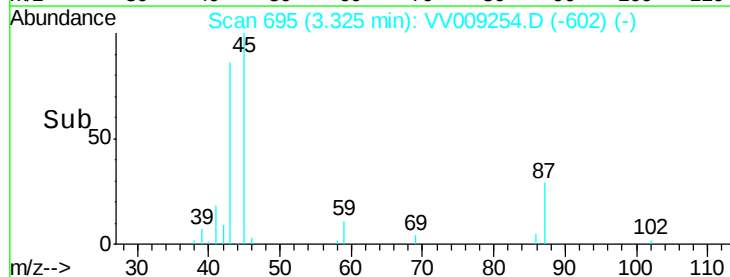
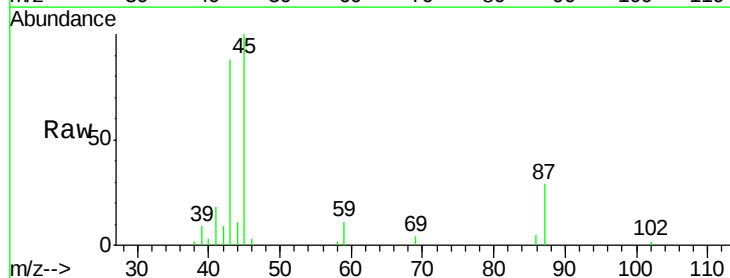
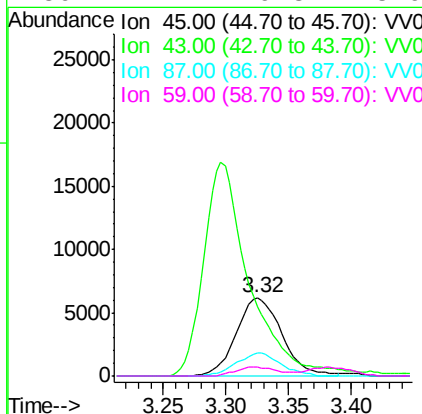
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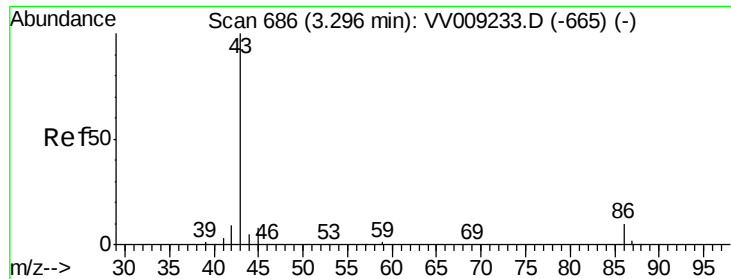
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#22
Diisopropyl ether
Concen: 4.826 ug/l
RT: 3.32 min Scan# 695
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.4	63.0	94.4
87	29.5	21.5	32.3
59	11.4	9.3	13.9





#23

Vinyl Acetate

Concen: 24.456 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 42833

Ion Ratio Lower Upper

43 100

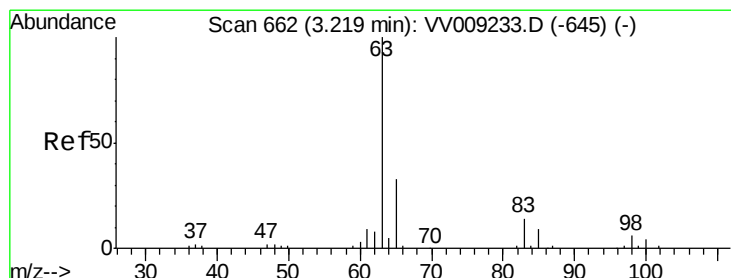
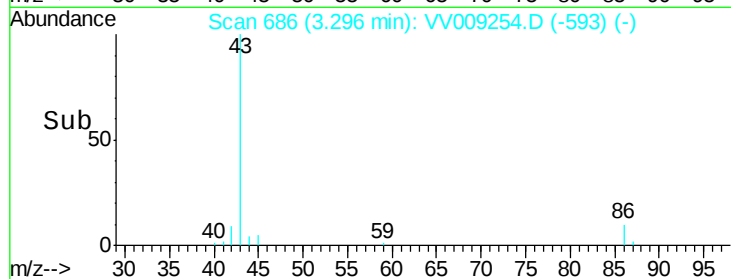
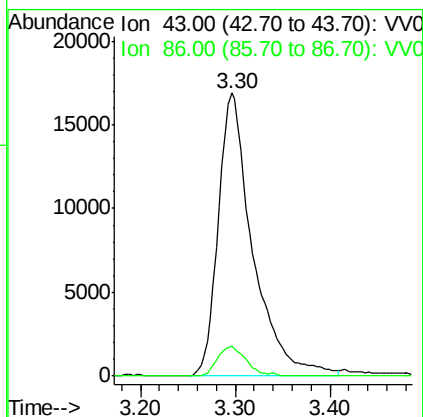
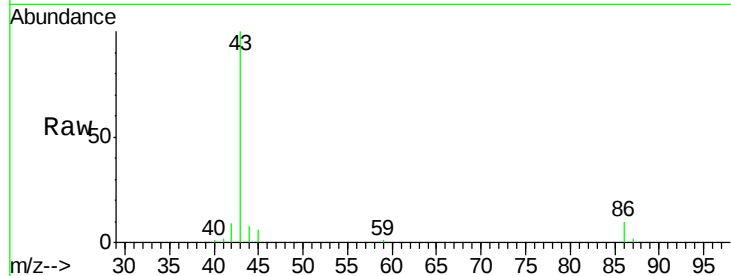
86 10.5 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 4.859 ug/l

RT: 3.21 min Scan# 660

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

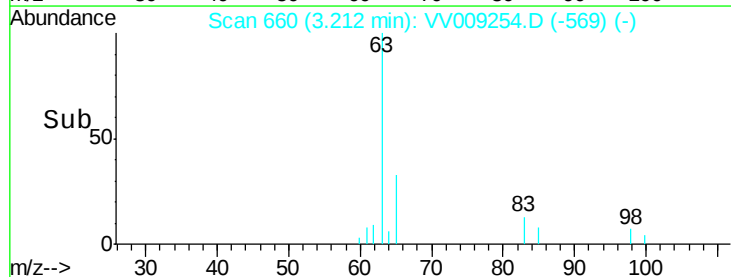
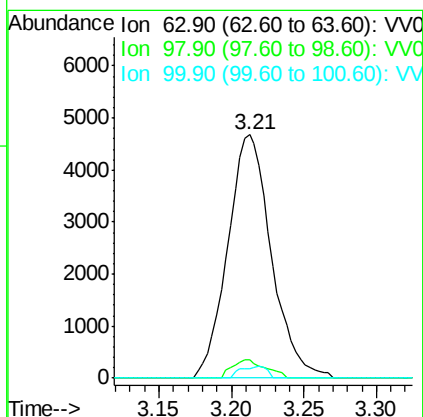
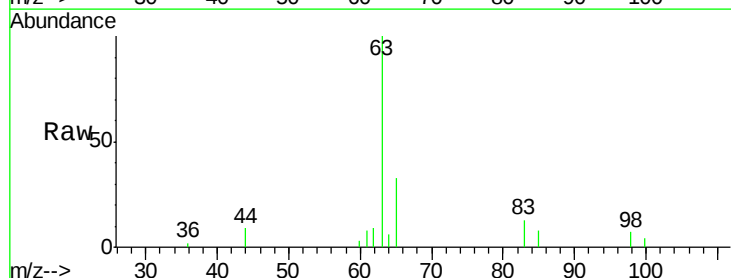
Tgt Ion: 63 Resp: 9758

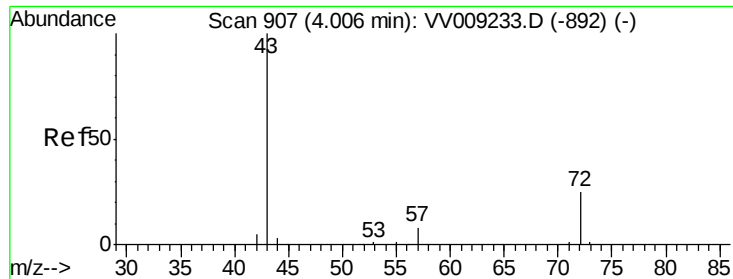
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 28.039 ug/l

RT: 4.02 min Scan# 912

Delta R.T. 0.02 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tot Ion: 43 Resp: 8810

Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.4

Instrument :

MSVOA_V

ClientSampleId :

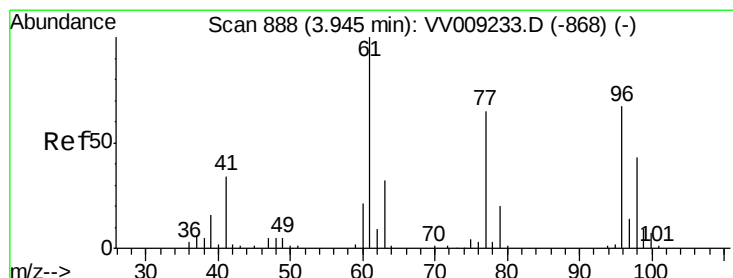
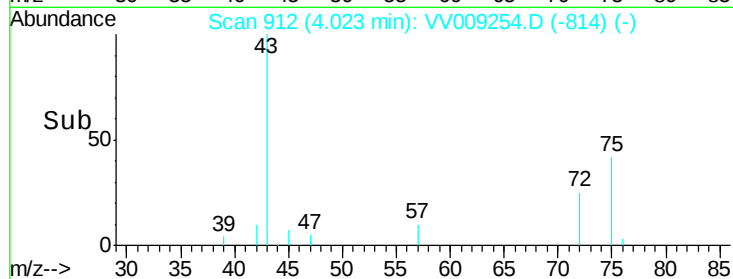
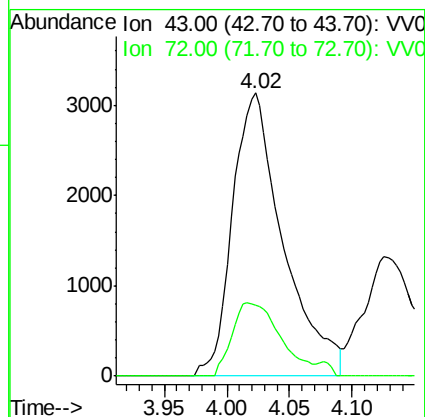
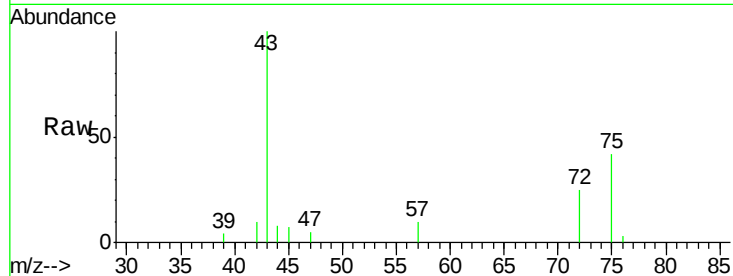
VSTDIC005

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#26

2,2-Dichloropropane

Concen: 4.002 ug/l m

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009254.D

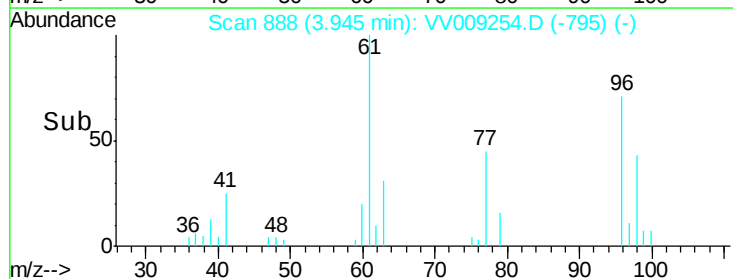
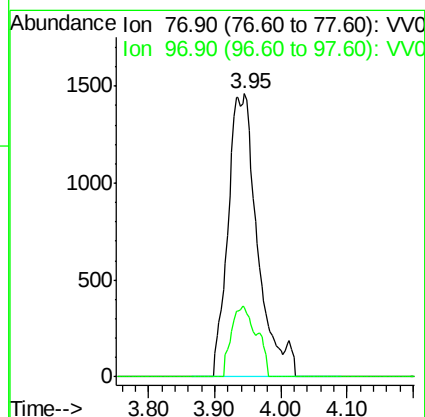
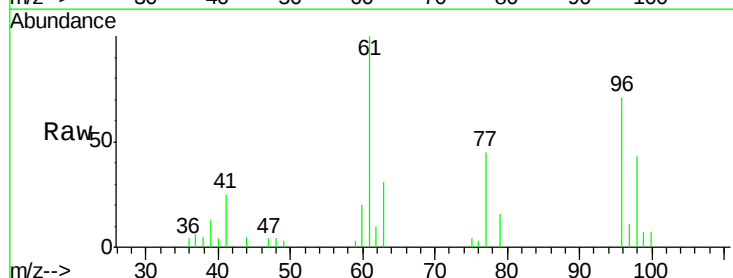
Acq: 24 Jan 2019 12:24

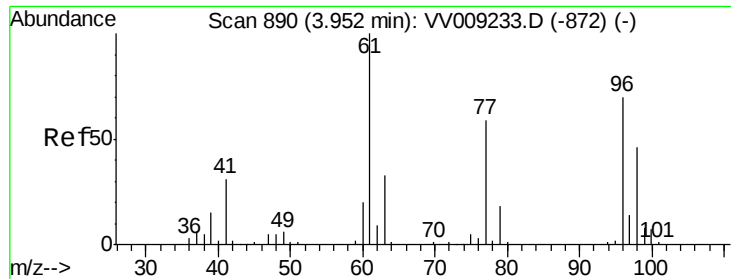
Tgt Ion: 77 Resp: 4523

Ion Ratio Lower Upper

77 100

97 21.3 10.9 32.6





#27

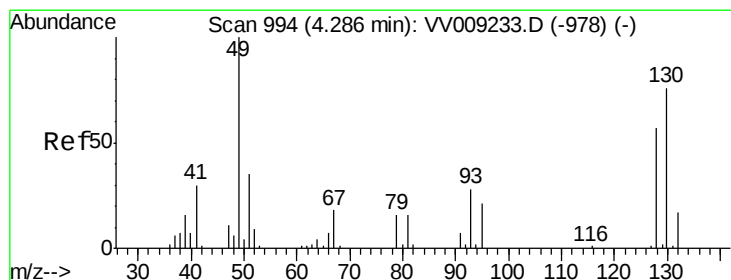
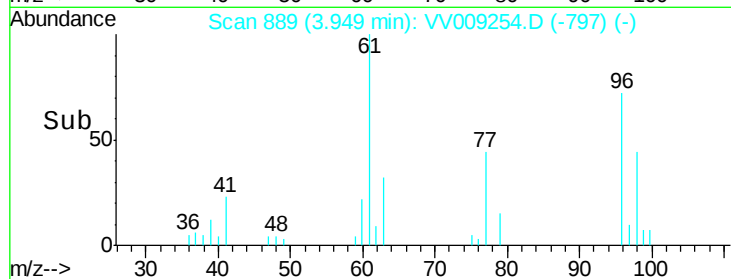
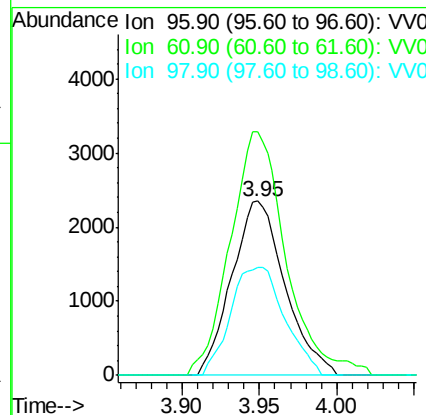
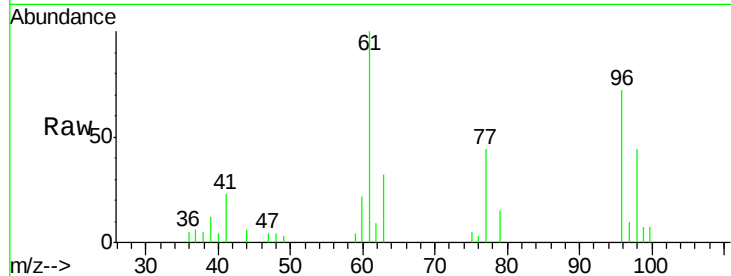
cis-1,2-Dichloroethene
Concen: 4.911 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	296.4
98	63.0	0.0	130.0

Manual Integrations
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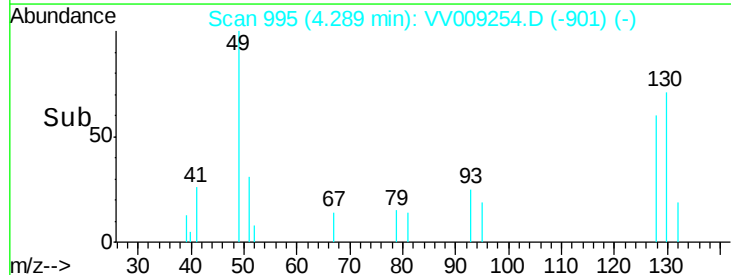
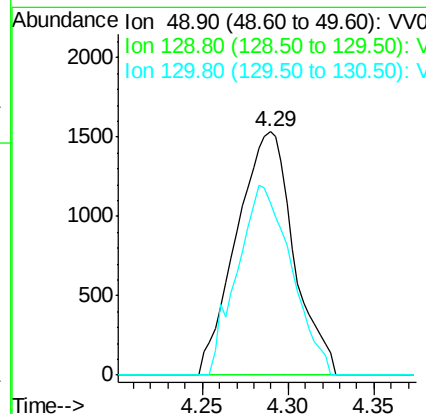
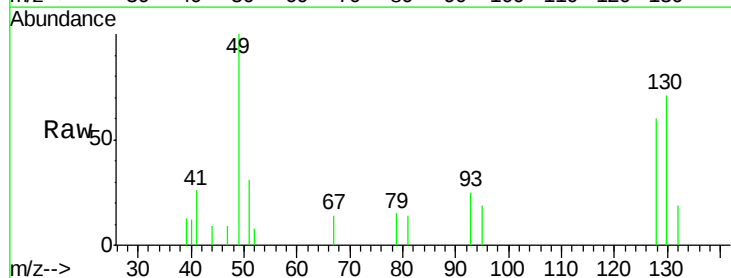
MMDadoda
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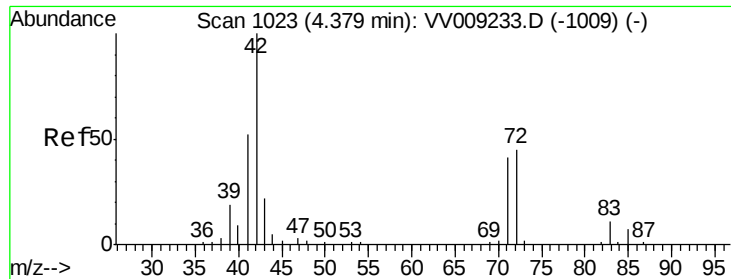


#28

Bromochloromethane
Concen: 4.790 ug/l
RT: 4.29 min Scan# 995
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	73.4	60.2	90.4





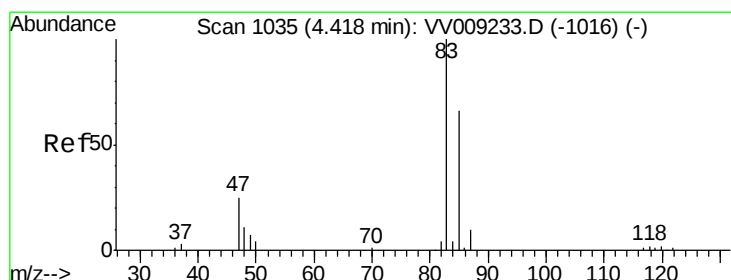
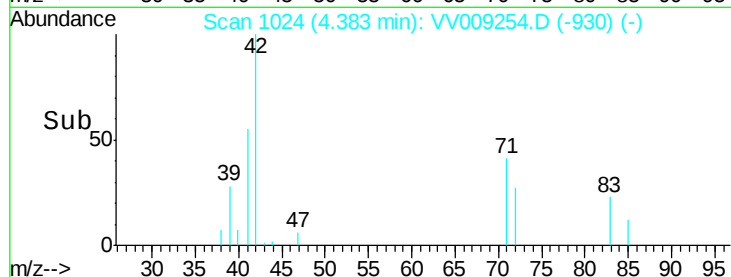
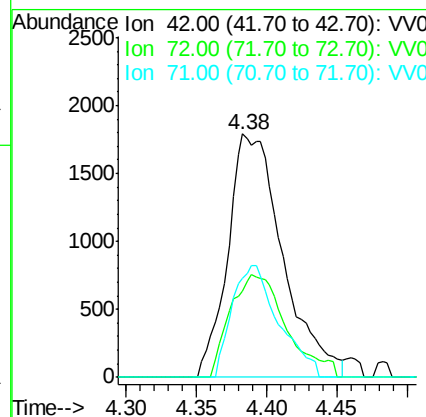
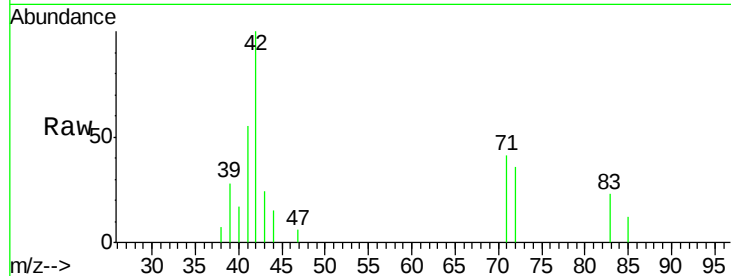
#29
Tetrahydrofuran
Concen: 28.486 ug/l
RT: 4.38 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 4868
Ion Ratio Lower Upper
42 100
72 43.2 37.7 56.5
71 39.0 31.5 47.3

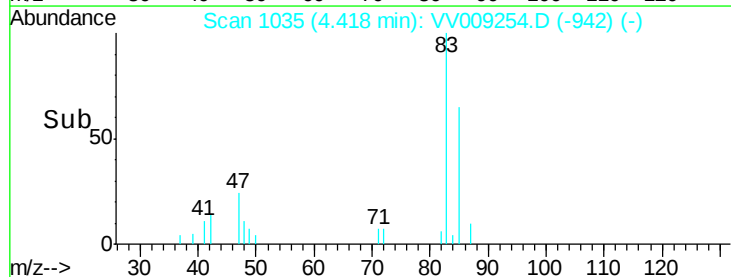
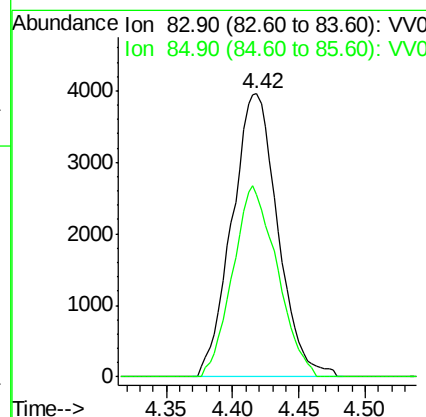
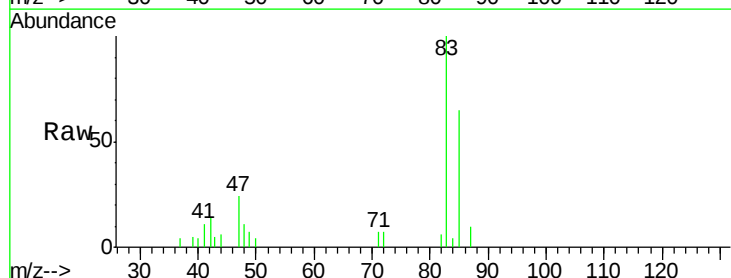
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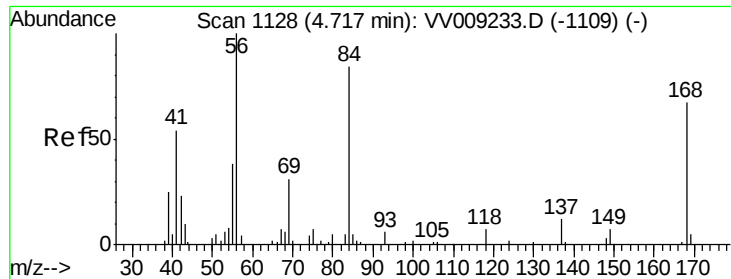
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#30
Chloroform
Concen: 4.722 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 83 Resp: 9524
Ion Ratio Lower Upper
83 100
85 64.6 52.6 79.0





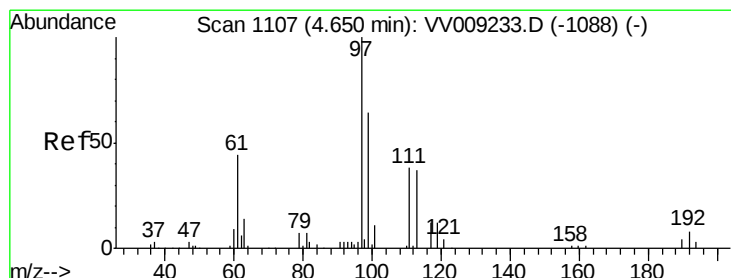
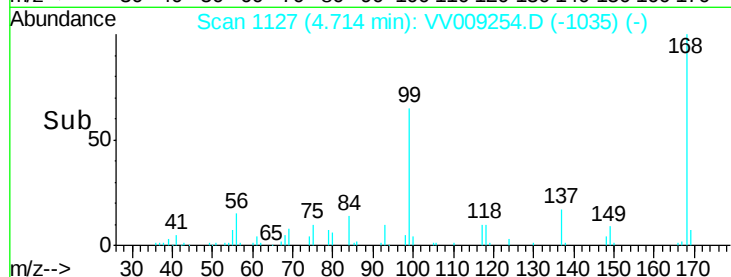
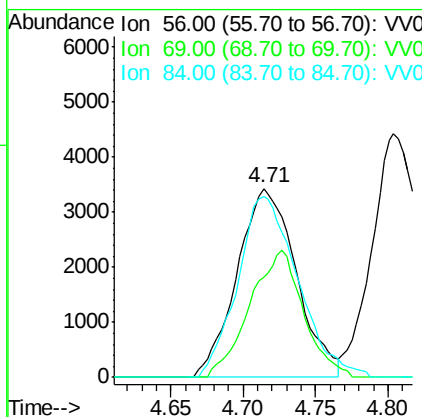
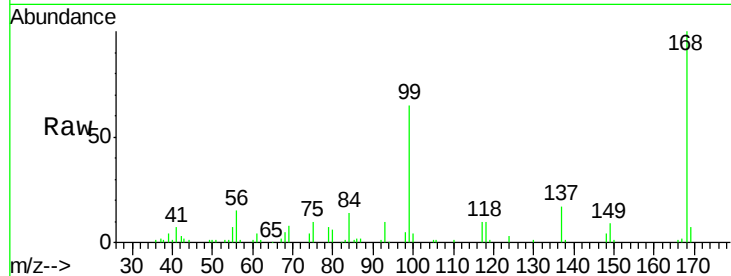
#31
Cyclohexane
Concen: 5.308 ug/l
RT: 4.71 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	52.8	25.1	37.7#
84	95.4	67.3	100.9

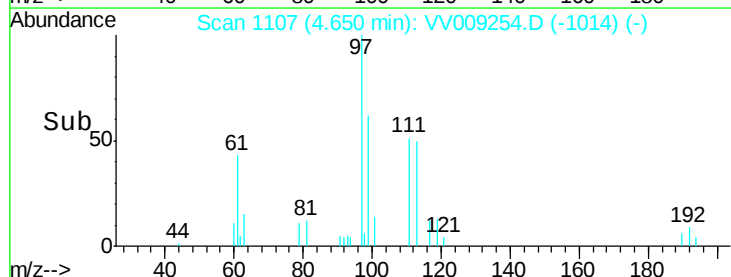
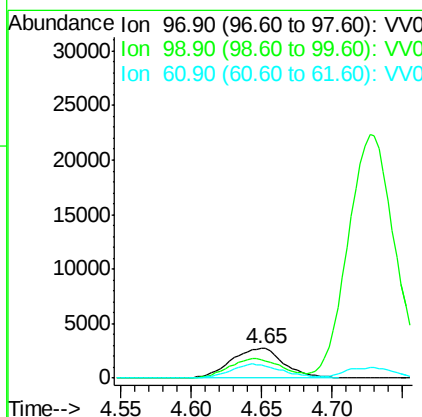
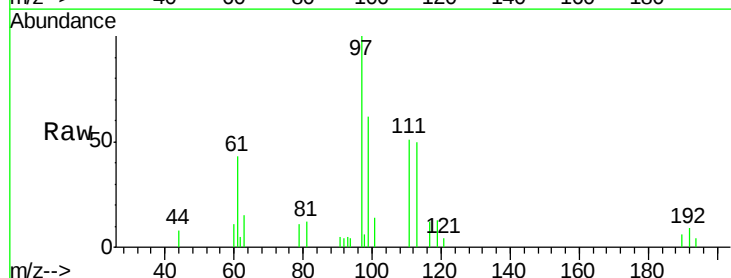
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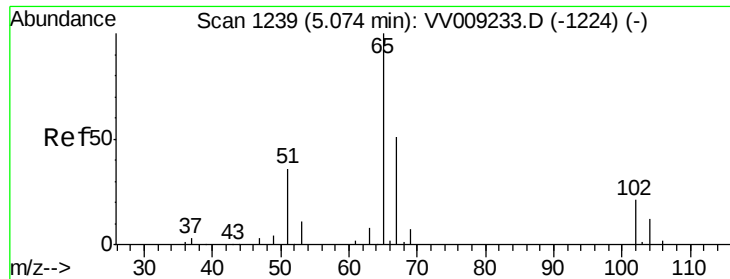
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#32
1,1,1-Trichloroethane
Concen: 4.180 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.2	75.2
61	45.5	34.7	52.1





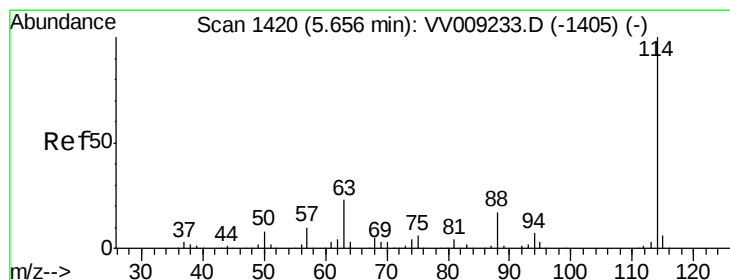
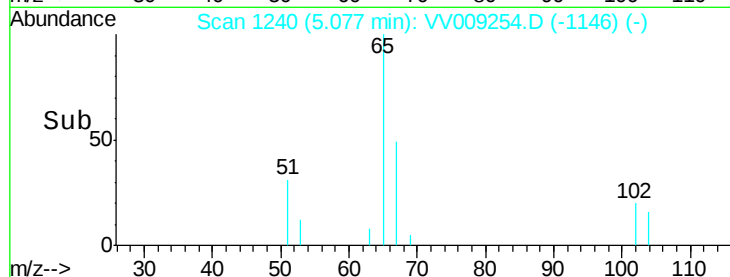
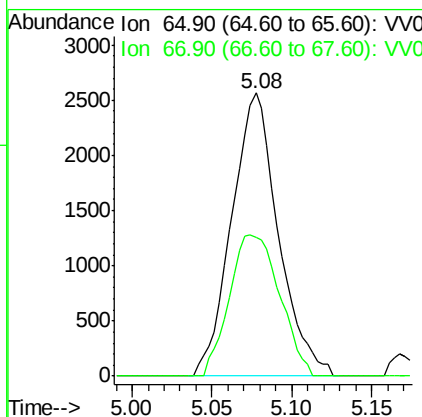
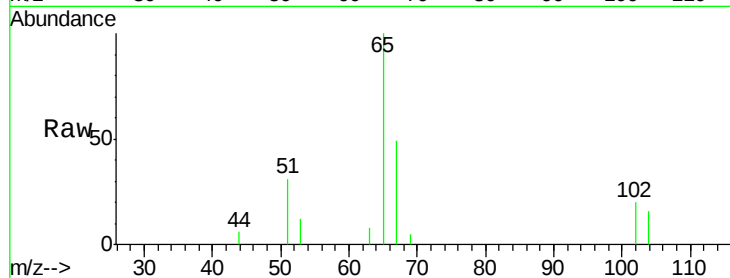
#33
 1,2-Dichloroethane-d4
 Concen: 5.048 ug/l
 RT: 5.08 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	102.8

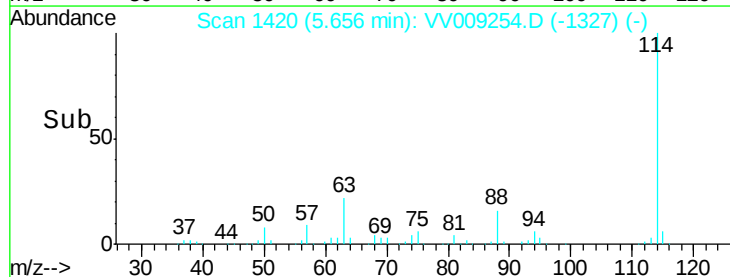
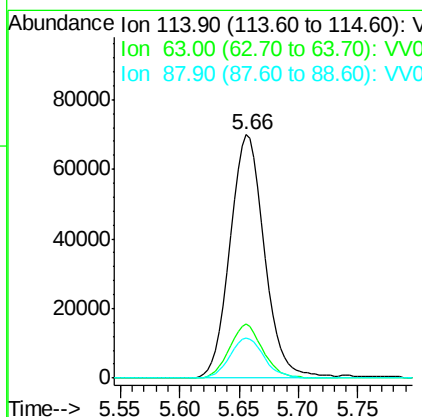
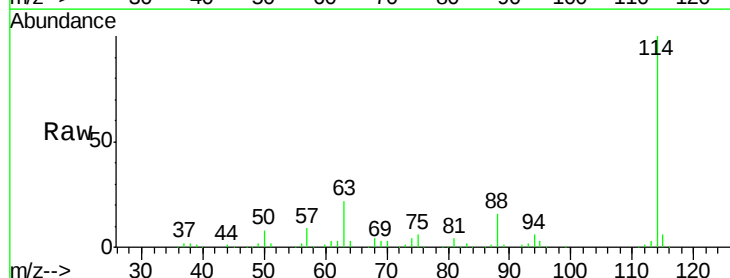
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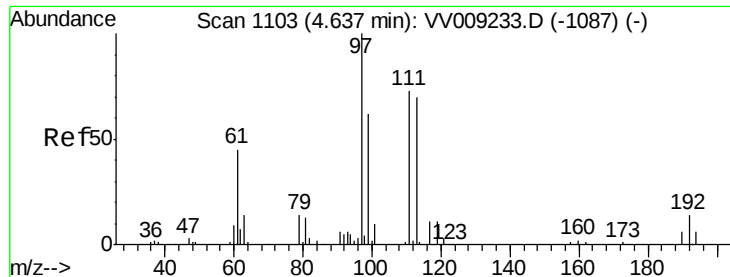
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	16.4	0.0	33.4





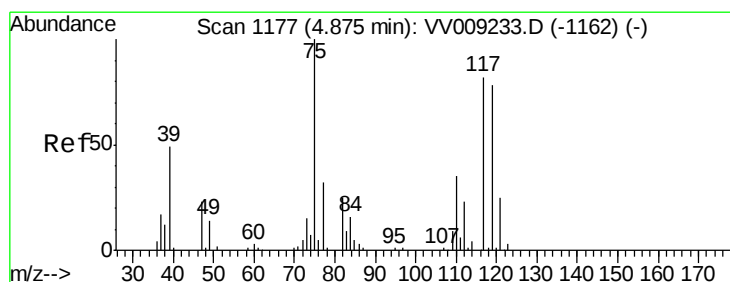
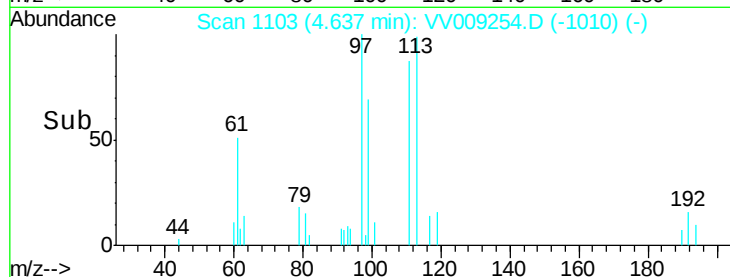
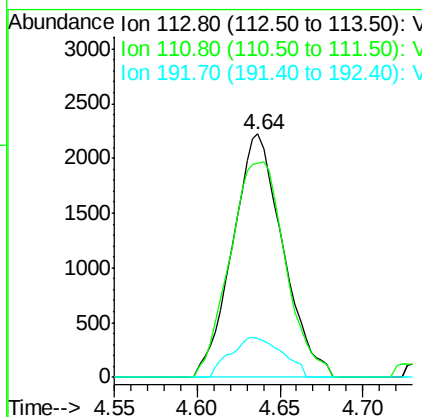
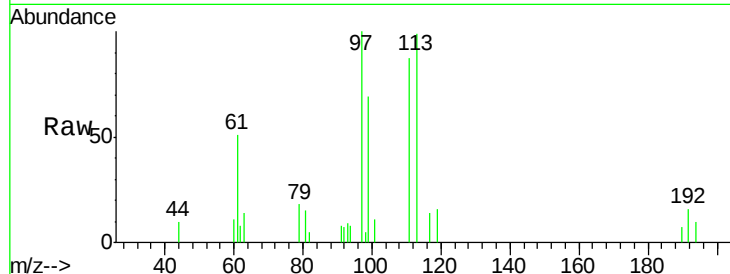
#35
 Dibromofluoromethane
 Concen: 5.118 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.6	82.4	123.6
192	16.9	15.0	22.6

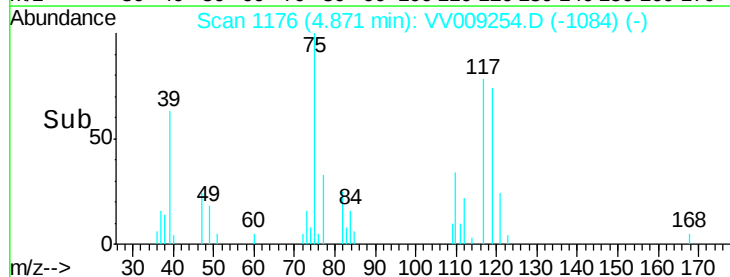
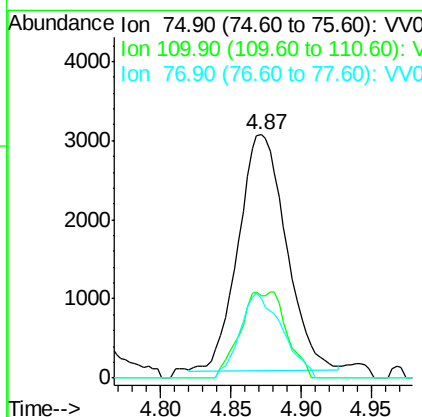
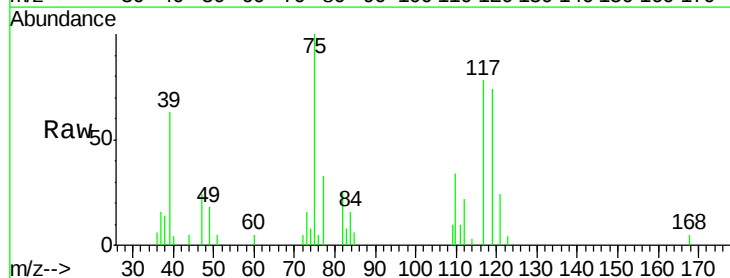
Manual Integrations
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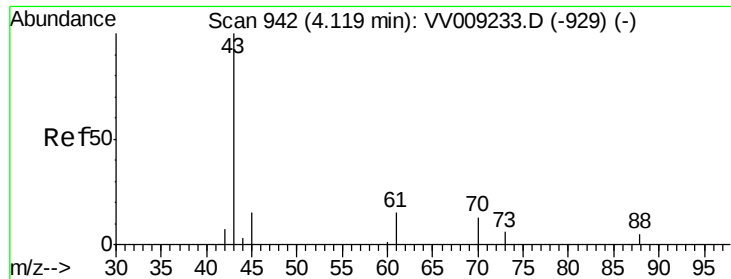
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#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 4.87 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	17.5	17.5	52.5#
77	31.8	25.5	38.3





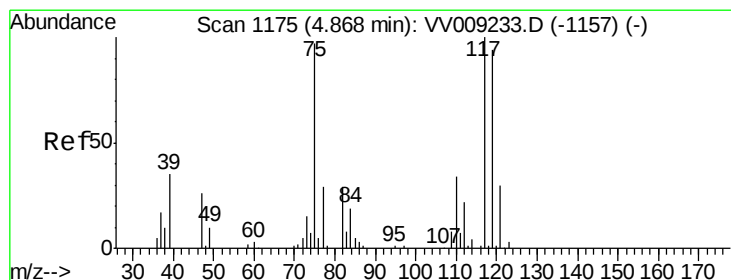
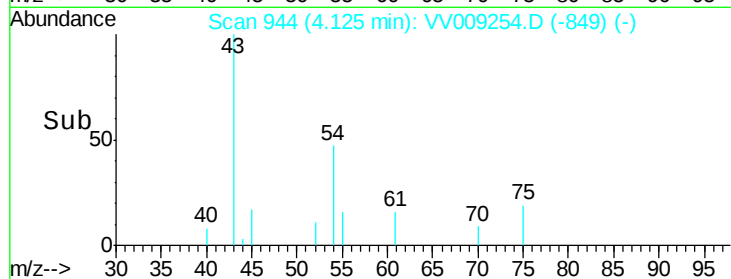
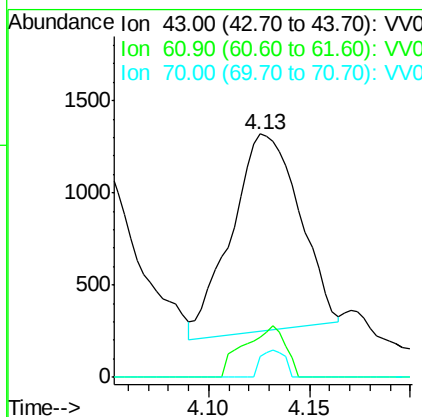
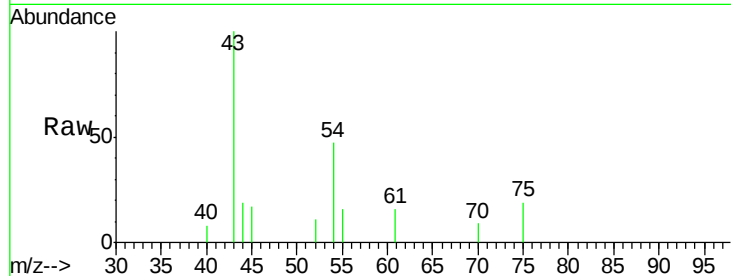
#37
Ethyl Acetate
Concen: 4.162 ug/l
RT: 4.13 min Scan# 944
Delta R.T. 0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.0	18.0
70	4.9	8.7	13.1

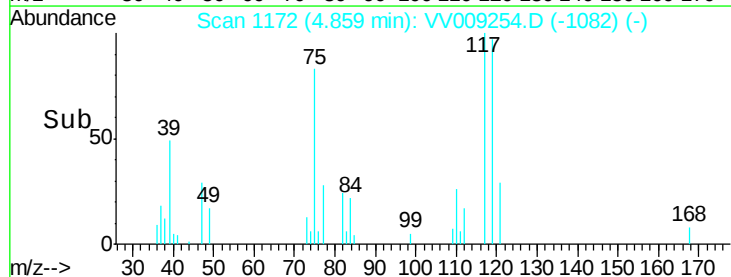
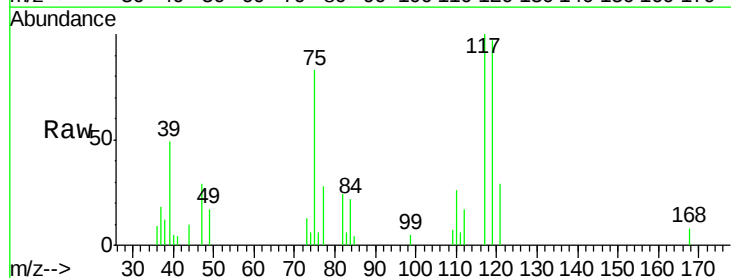
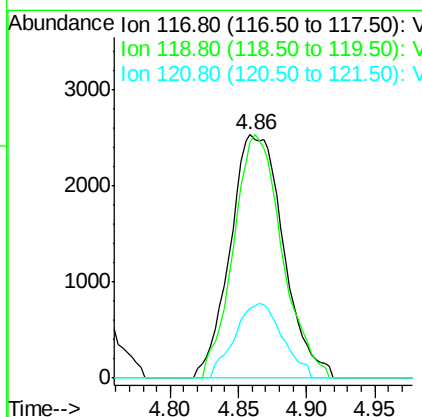
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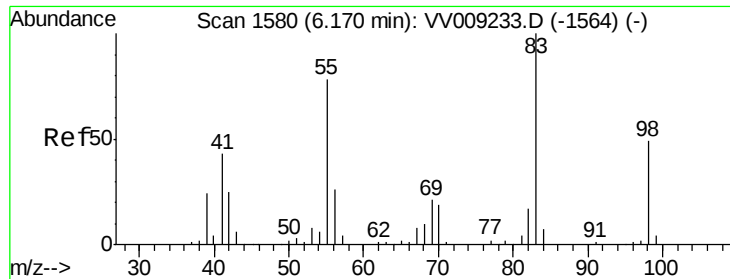
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#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 4.86 min Scan# 1172
Delta R.T. -0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.2
121	28.7	24.2	36.2





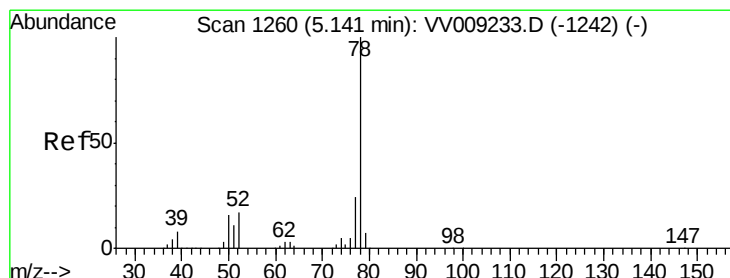
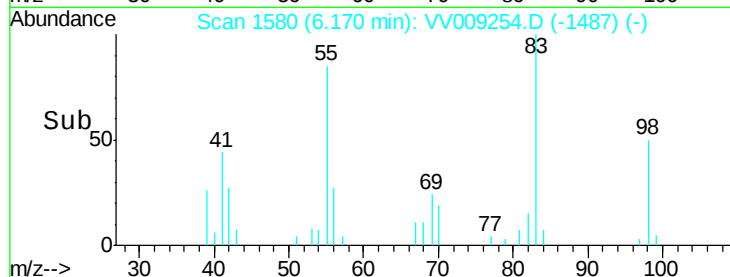
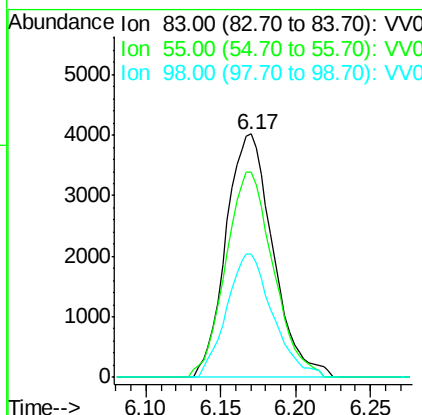
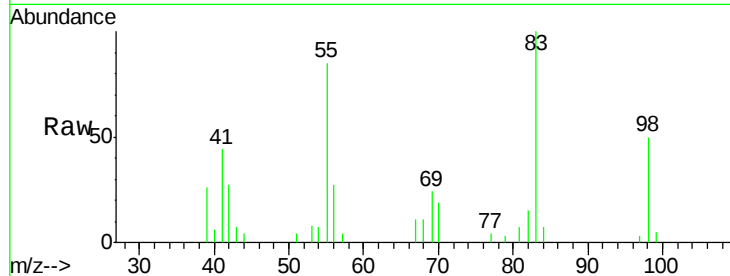
#39
Methvlcvclohexane
Concen: 4.744 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	62.8	94.2
98	50.4	39.1	58.7

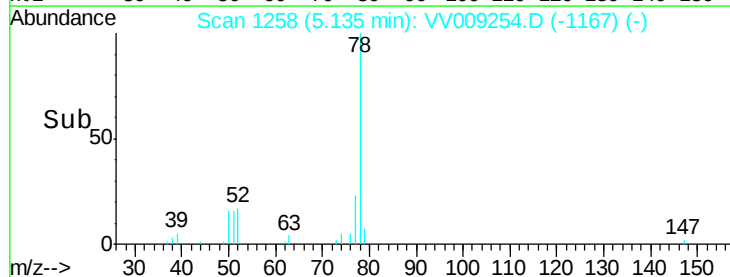
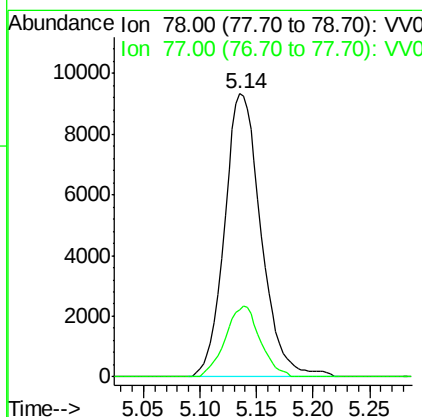
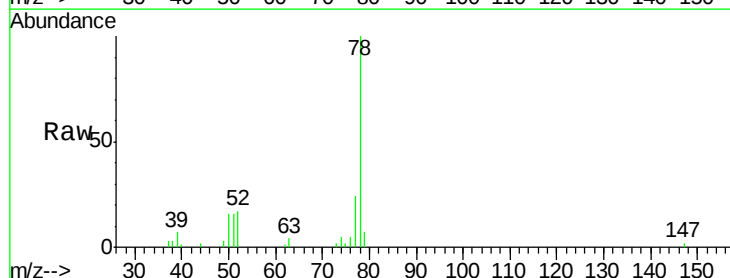
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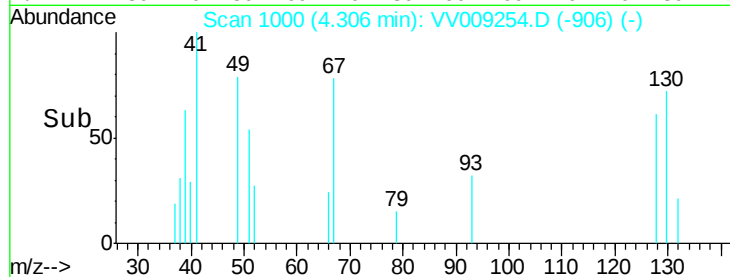
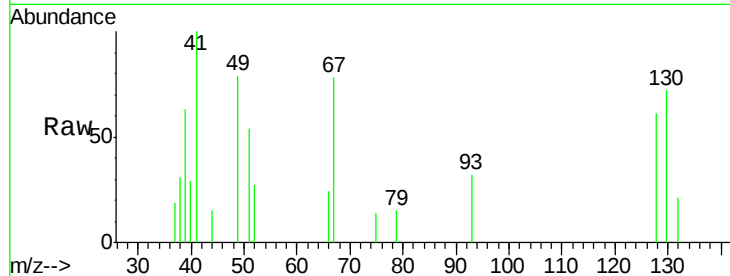
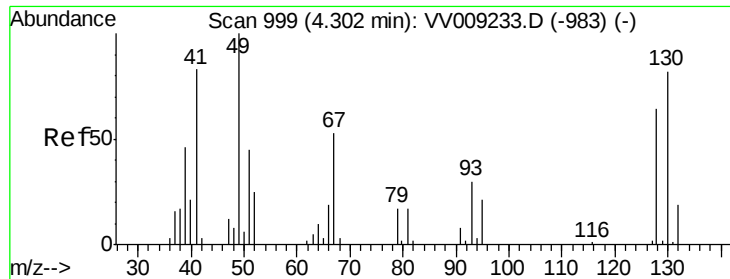
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#40
Benzene
Concen: 4.800 ug/l
RT: 5.14 min Scan# 1258
Delta R.T. -0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2





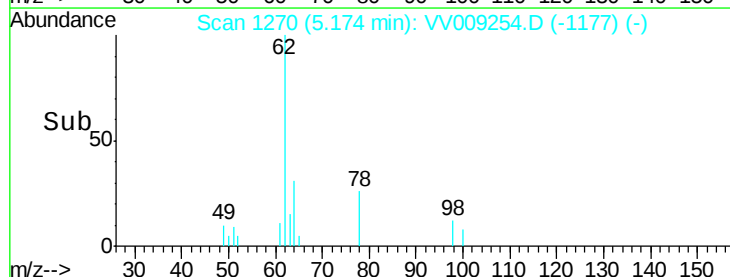
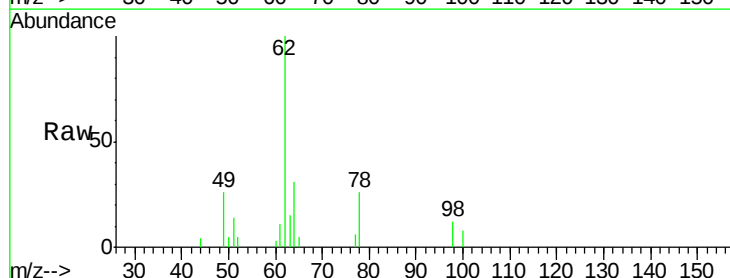
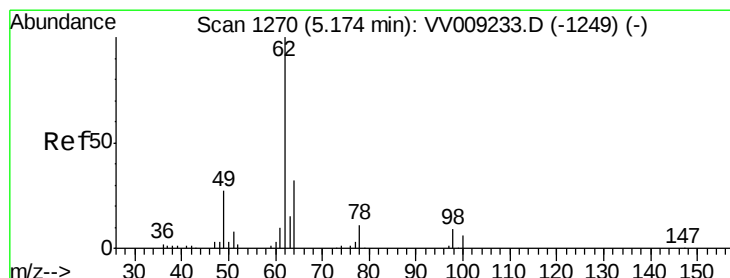
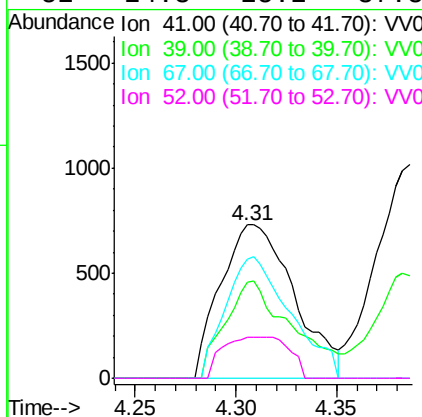
#41
Methacrylonitrile
Concen: 5.117 ug/l
RT: 4.31 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tot Ion	Ion	Ratio	Lower	Upper
1851	41	100		
	39	58.9	45.4	68.0
	67	69.4	55.5	83.3
	52	24.3	25.2	37.8

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

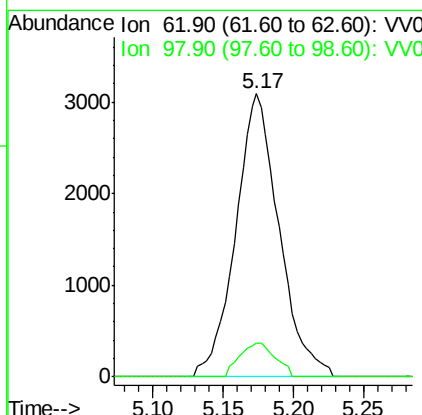
Manual Integrations
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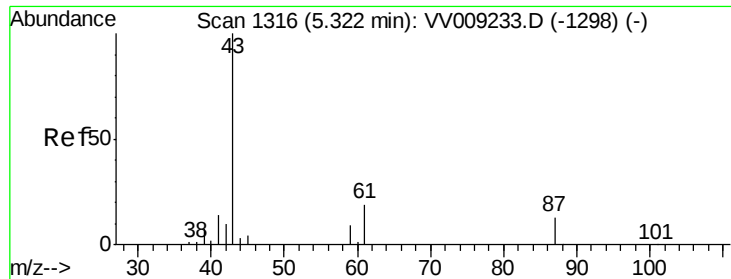
MMDadoda
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#42
1,2-Dichloroethane
Concen: 4.856 ug/l
RT: 5.17 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
6639	62	100		
	98	9.8	0.0	16.4





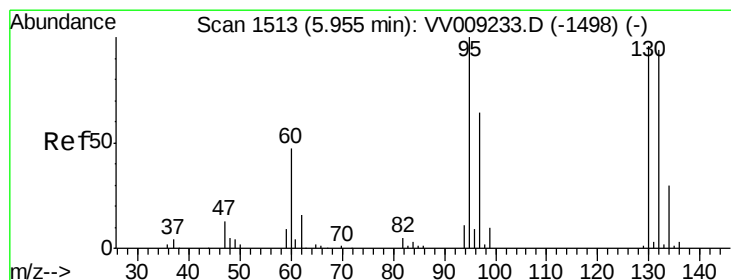
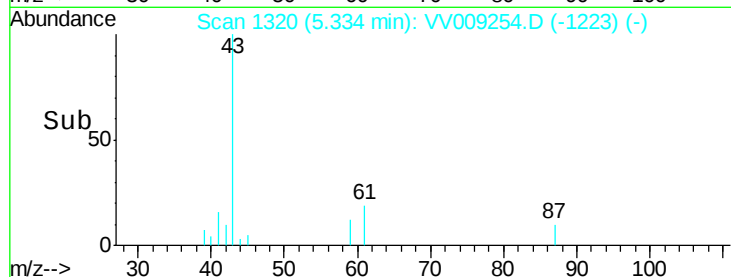
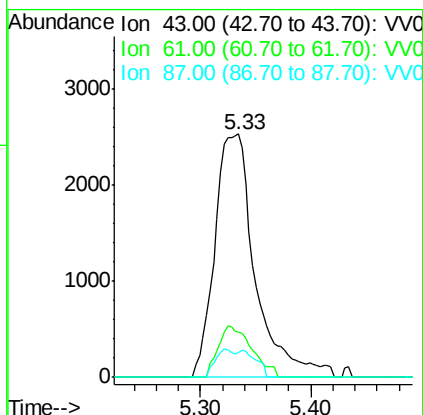
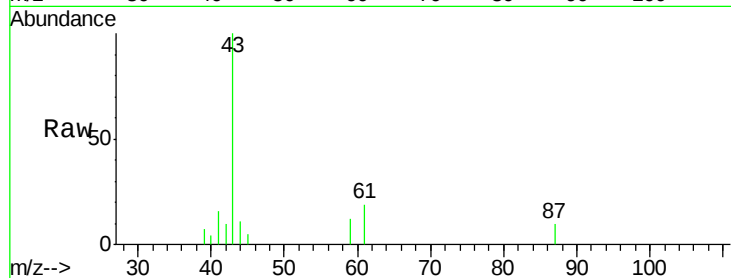
#43
Isopropyl Acetate
Concen: 5.448 ug/l
RT: 5.33 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.4	23.0
87	5.4	9.9	14.9

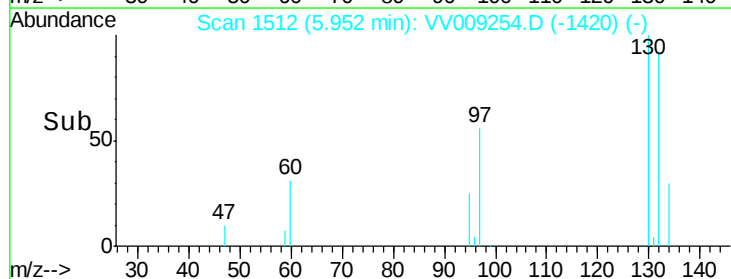
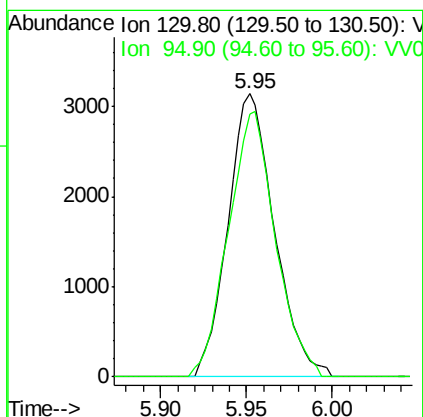
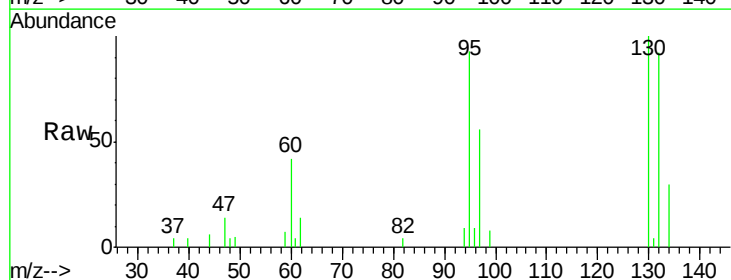
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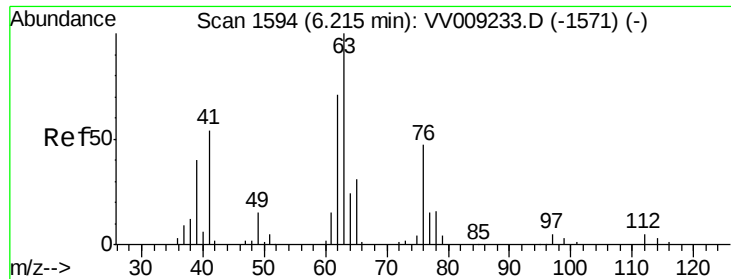
MMDadoda
1/25/2019 10:01:16 AM



#44
Trichloroethene
Concen: 5.149 ug/l
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	208.2





#45

1,2-Dichloropropane

Concen: 4.955 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 5206

Ion Ratio Lower Upper

63 100

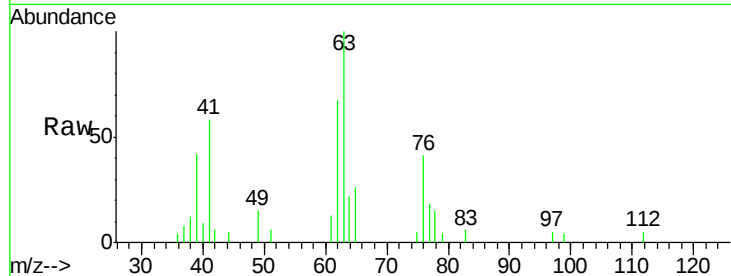
65 25.8 25.1 37.7

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Abundance Ion 62.90 (62.60 to 63.60): VV009233.D (-1571) (-)

Ion 64.90 (64.60 to 65.60): VV009233.D (-1571) (-)

6.22

3000

2500

2000

1500

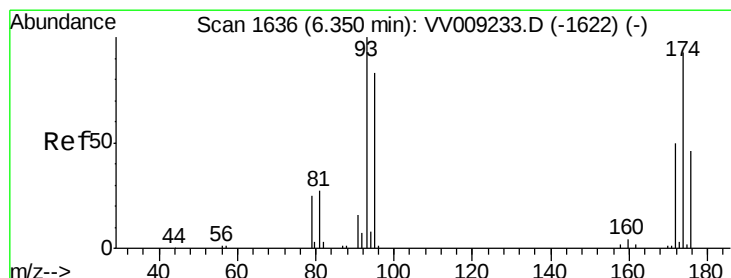
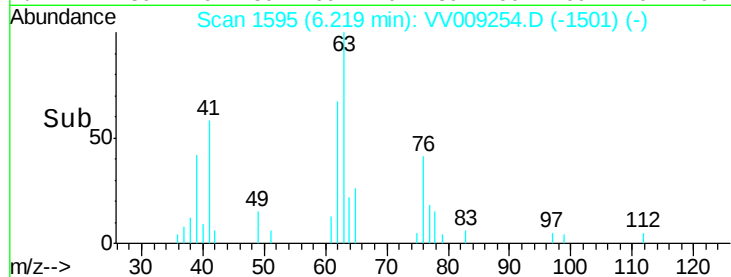
1000

500

0

6.15 6.20 6.25

Time-->



#46

Dibromomethane

Concen: 5.199 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

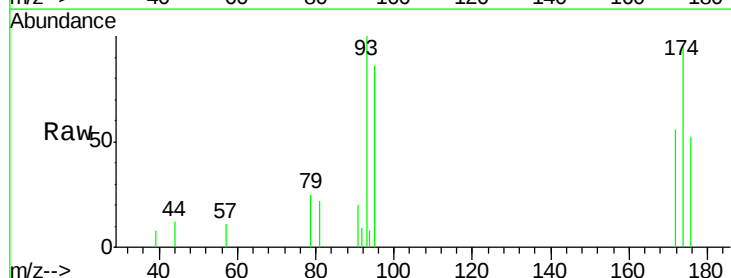
Tgt Ion: 93 Resp: 2803

Ion Ratio Lower Upper

93 100

95 84.5 64.6 97.0

174 99.6 74.0 111.0



Abundance Ion 92.80 (92.50 to 93.50): VV009233.D (-1622) (-)

Ion 94.80 (94.50 to 95.50): VV009233.D (-1622) (-)

Ion 173.70 (173.40 to 174.40): VV009233.D (-1622) (-)

6.35

2000

1500

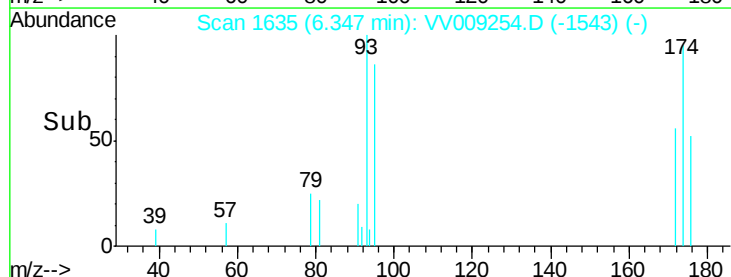
1000

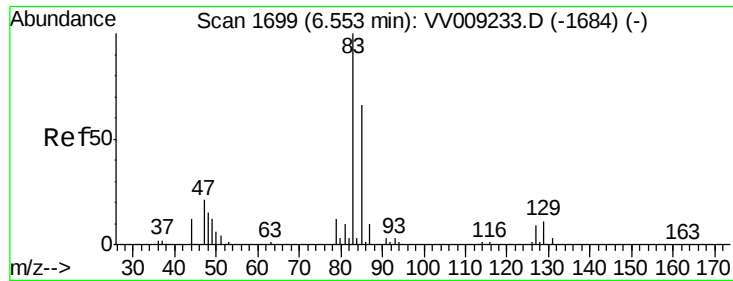
500

0

6.30 6.35 6.40

Time-->





#47

Bromodichloromethane

Concen: 4.659 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

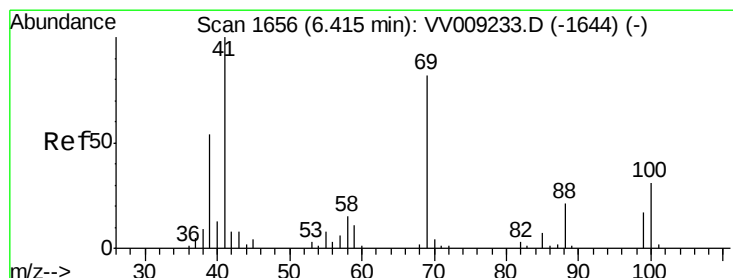
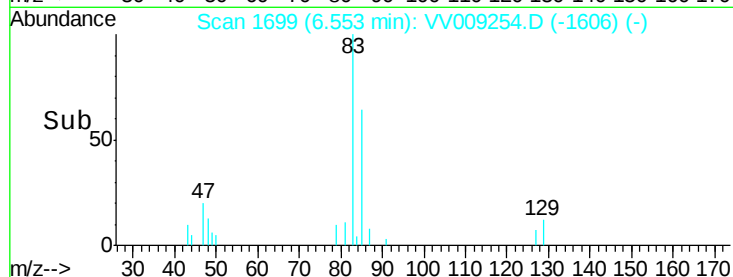
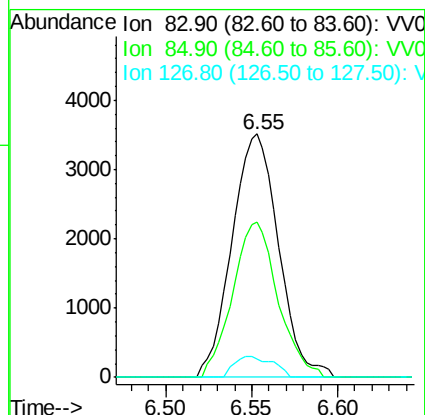
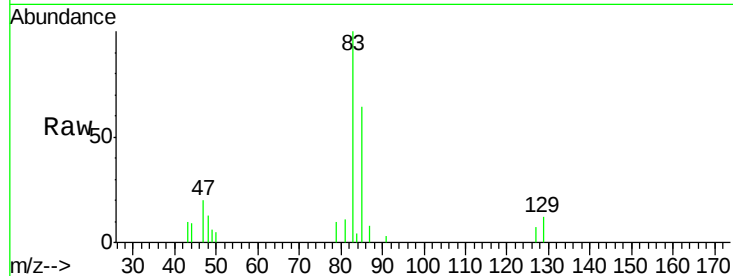
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	6637
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.6	78.8
127	7.4	7.0	10.6

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#48

Methyl methacrylate

Concen: 5.114 ug/l

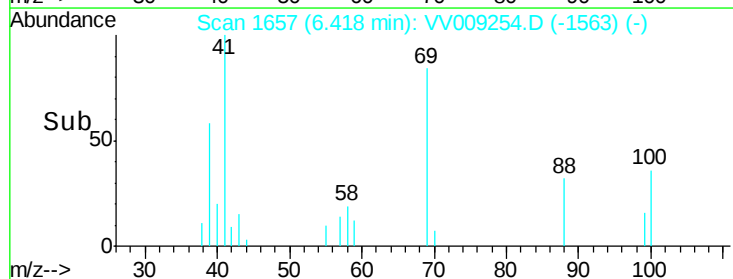
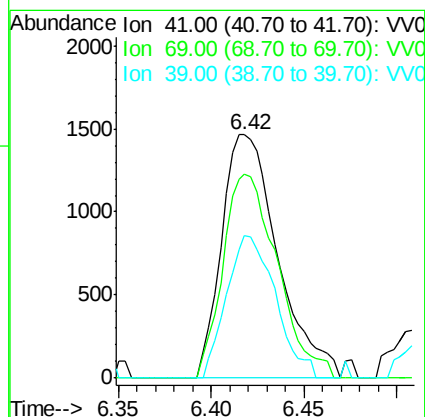
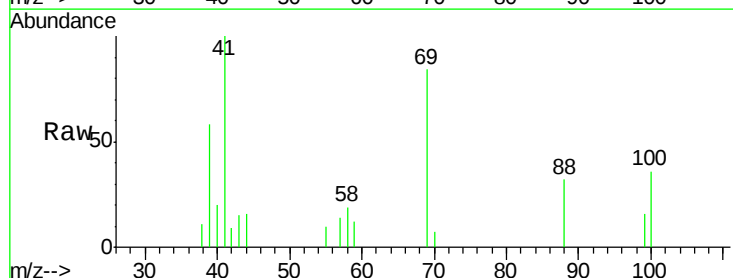
RT: 6.42 min Scan# 1657

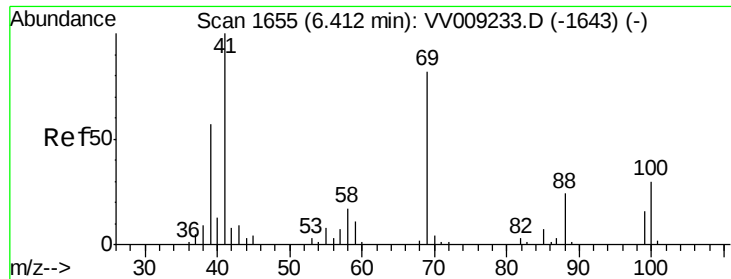
Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	41	Resp:	3081
Ion	Ratio	Lower	Upper
41	100		
69	81.1	65.8	98.6
39	50.9	43.4	65.0





#49

1,4-Dioxane

Concen: 130.758 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

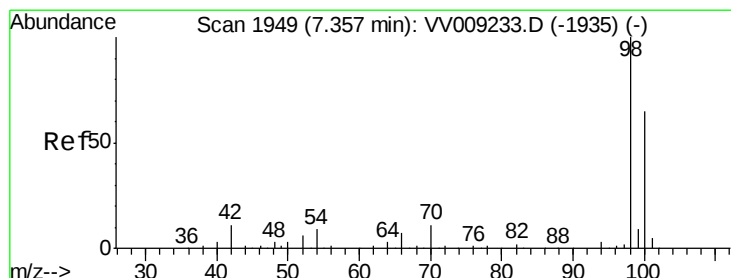
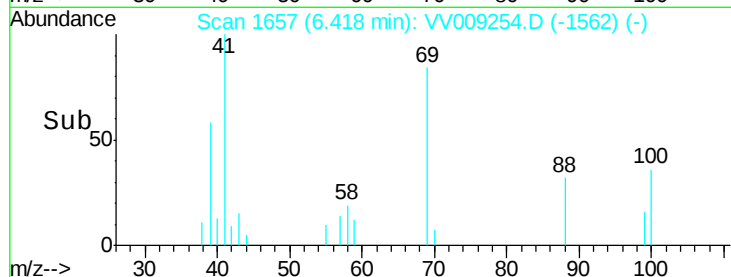
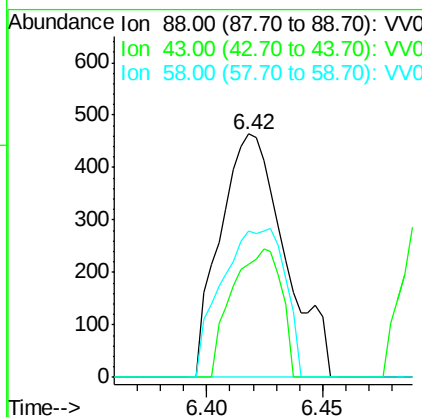
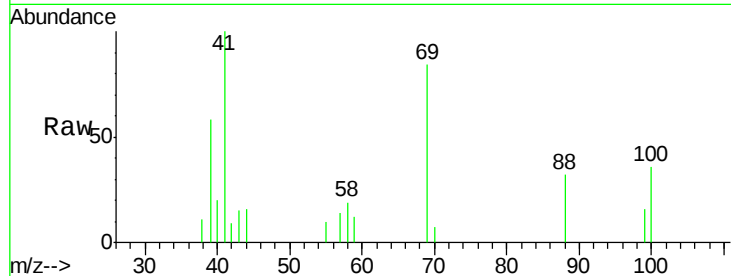
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.9	47.9
58	59.9	62.0	93.0

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#50

Toluene-d8

Concen: 4.879 ug/l

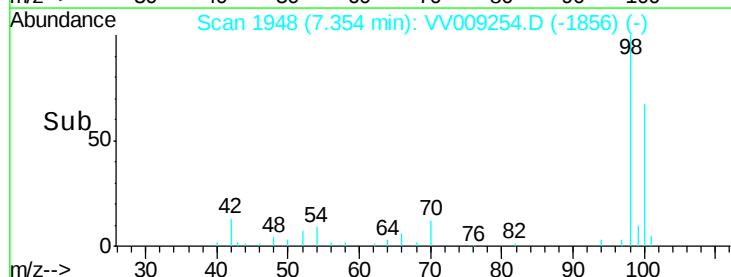
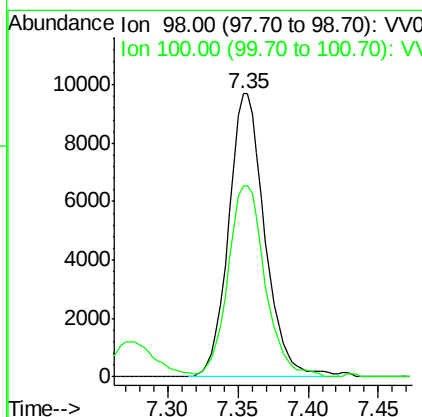
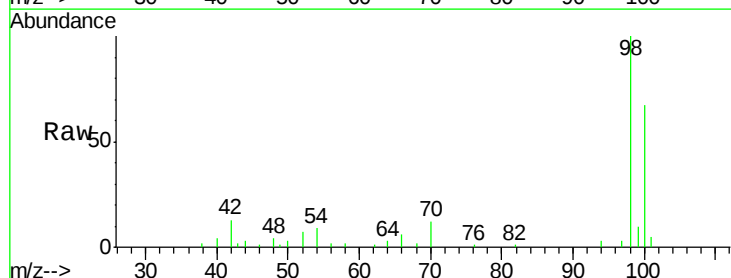
RT: 7.35 min Scan# 1948

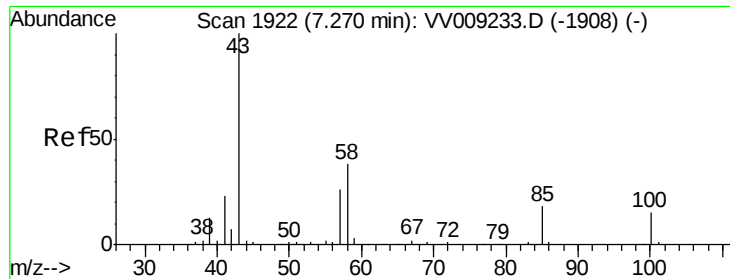
Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 29.229 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 17513

Ion Ratio Lower Upper

43 100

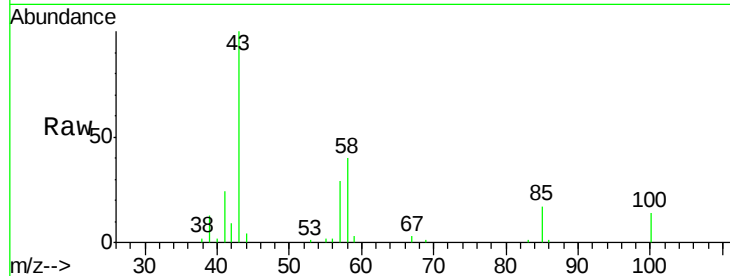
58 37.2 30.4 45.6

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Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1908) (-)

7.27

8000

6000

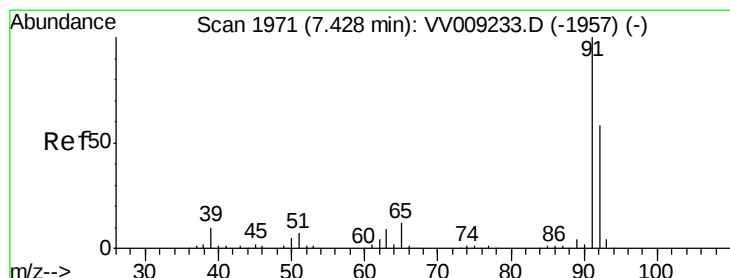
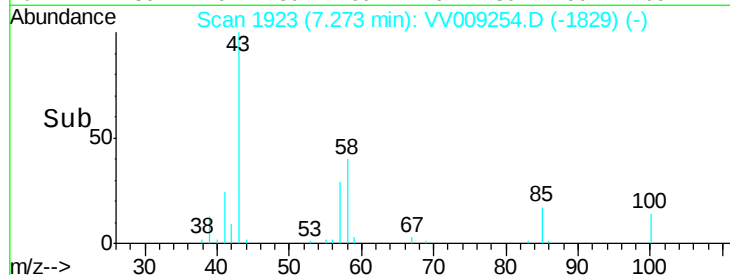
4000

2000

0

7.20 7.25 7.30 7.35 7.40

Time-->



#52

Toluene

Concen: 4.749 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009254.D

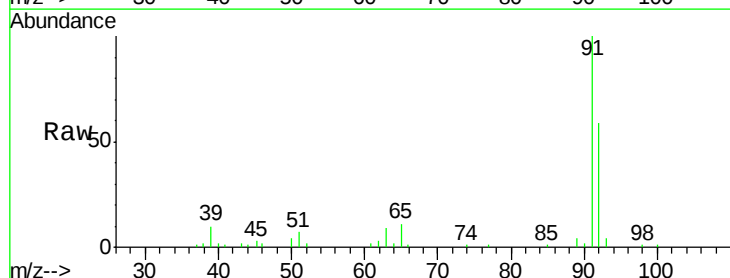
Acq: 24 Jan 2019 12:24

Tgt Ion: 92 Resp: 13122

Ion Ratio Lower Upper

92 100

91 170.4 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-1957) (-)

7.43

15000

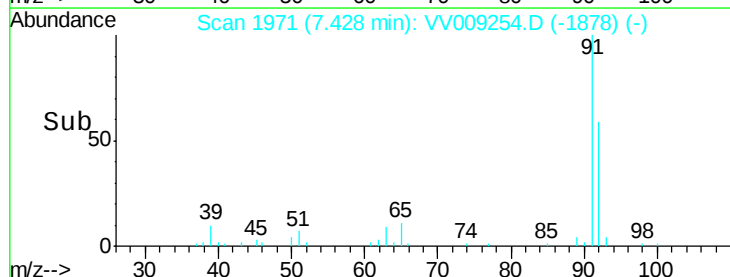
10000

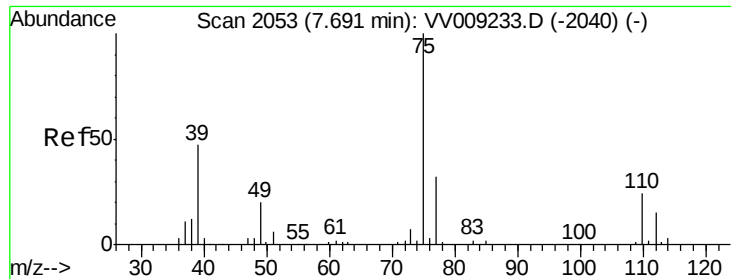
5000

0

7.35 7.40 7.45 7.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 4.552 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tot Ion: 75 Resp: 6312

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

Instrument :

MSVOA_V

ClientSampleId :

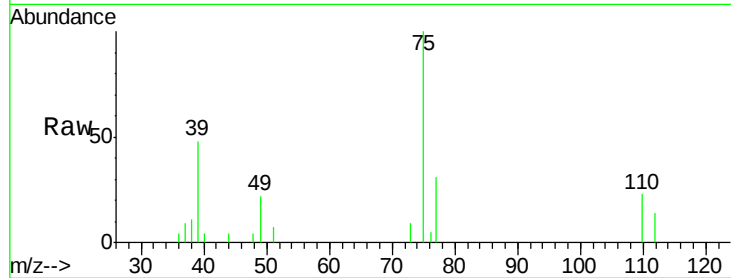
VSTDIC005

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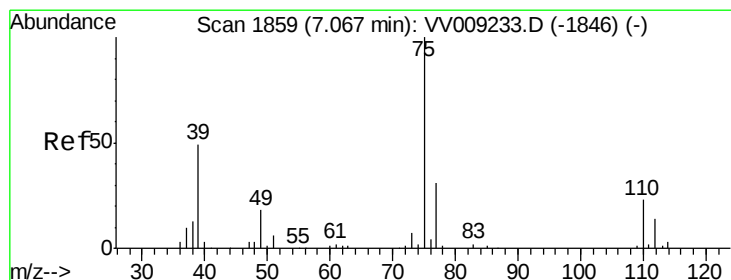
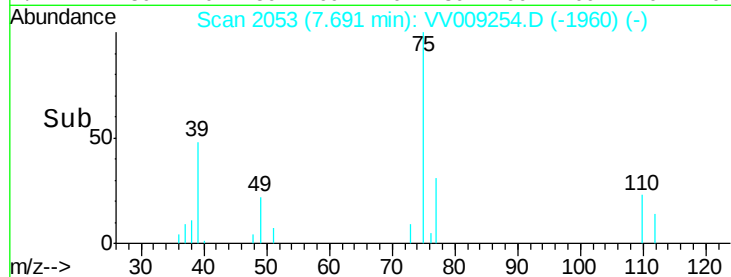
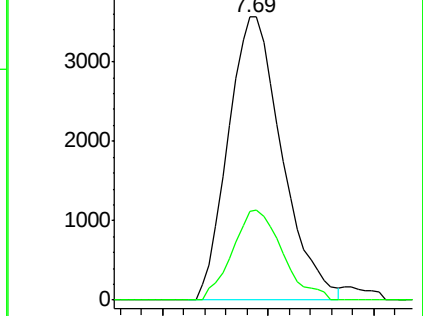
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0



#54

cis-1,3-Dichloropropene

Concen: 4.463 ug/l

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

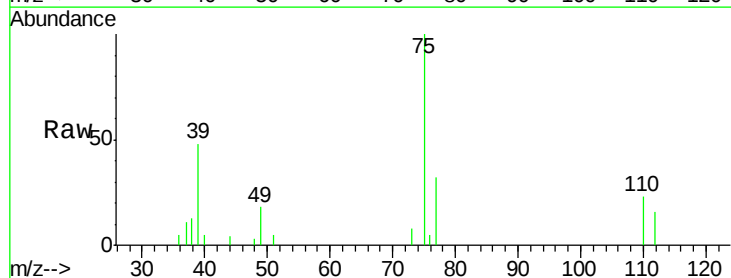
Tgt Ion: 75 Resp: 7126

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

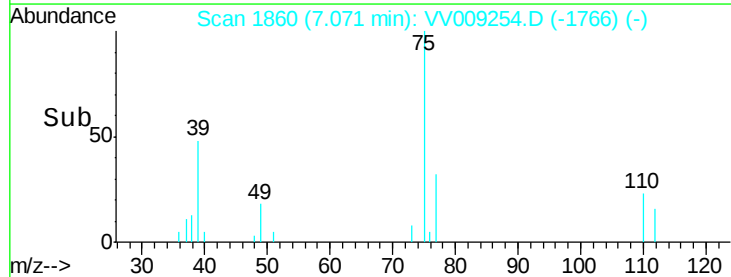
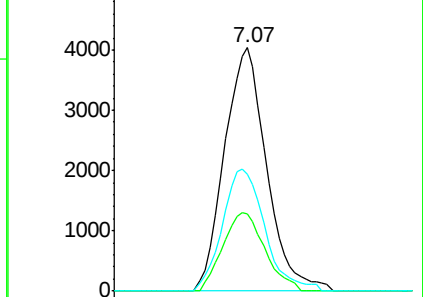
39 48.2 38.8 58.2

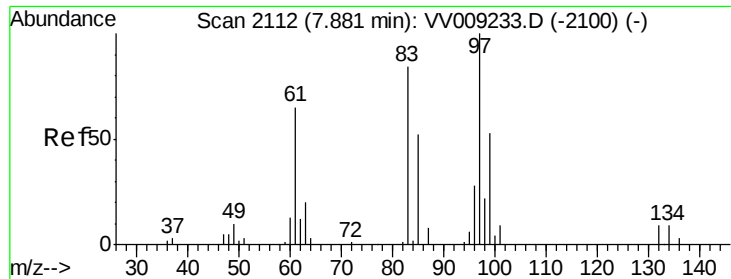


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

Ion 39.00 (38.70 to 39.70): VV0





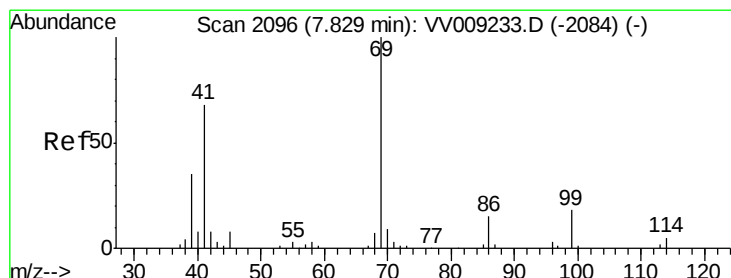
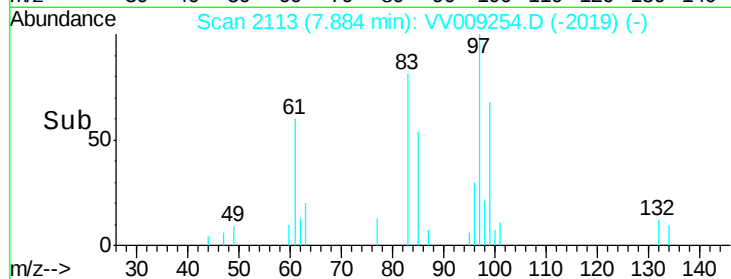
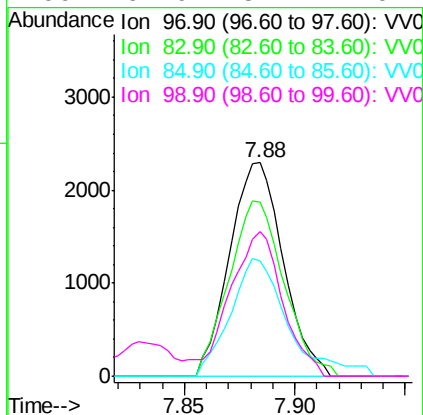
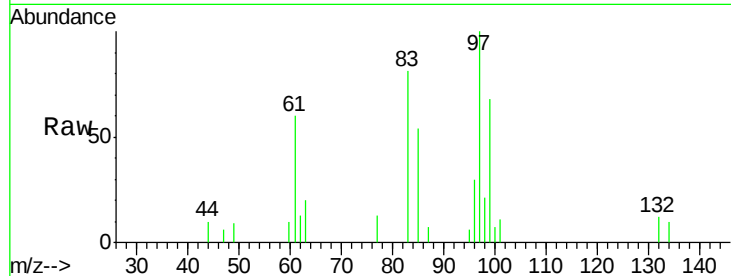
#55
1,1,2-Trichloroethane
Concen: 5.078 ug/l
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion:	97	Resp:	3857
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.4	101.0
85	54.0	42.6	64.0
99	67.9	51.1	76.7

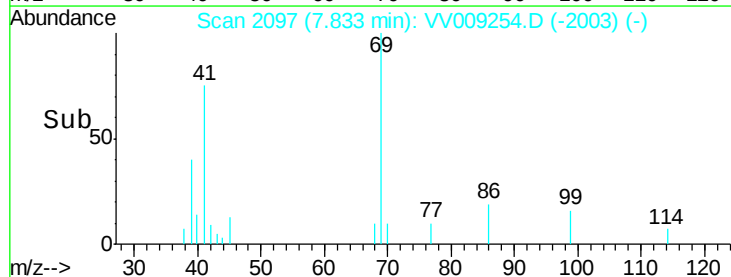
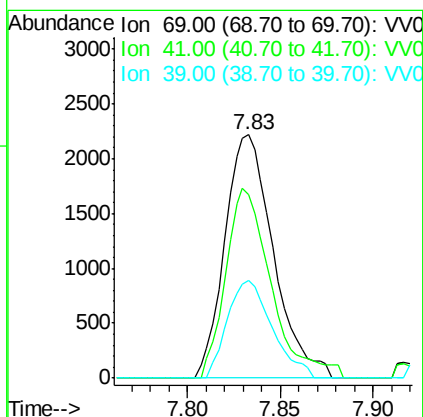
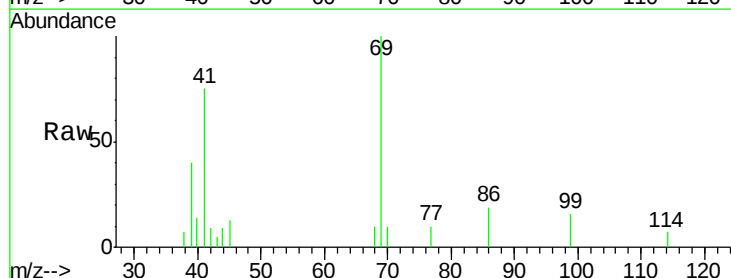
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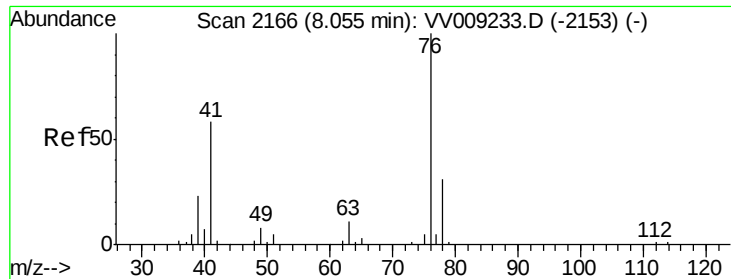
MMDadoda
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#56
Ethyl methacrylate
Concen: 4.551 ug/l
RT: 7.83 min Scan# 2097
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:	69	Resp:	4028
Ion	Ratio	Lower	Upper
69	100		
41	73.2	54.0	81.0
39	37.1	26.8	40.2





#57

1,3-Dichloropropane

Concen: 5.181 ug/l

RT: 8.06 min Scan# 2167

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 7125

Ion Ratio Lower Upper

76 100

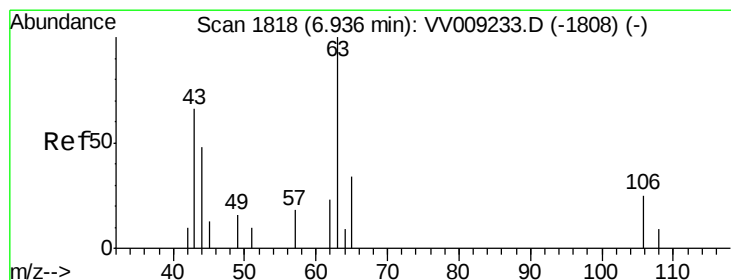
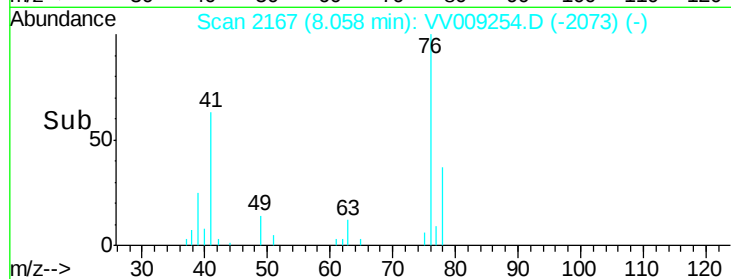
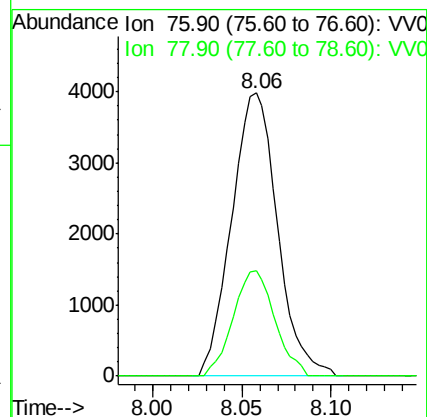
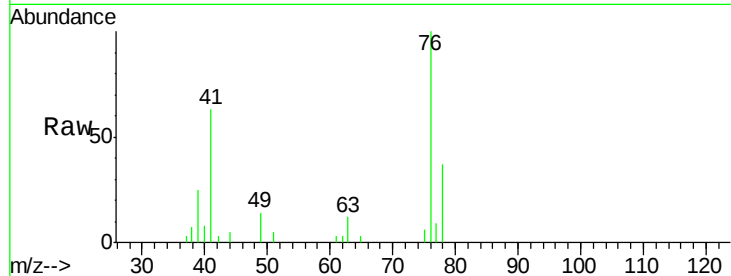
78 33.7 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 1.374 ug/l

RT: 6.94 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VV009254.D

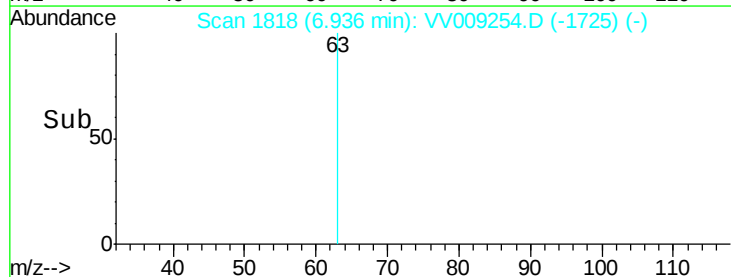
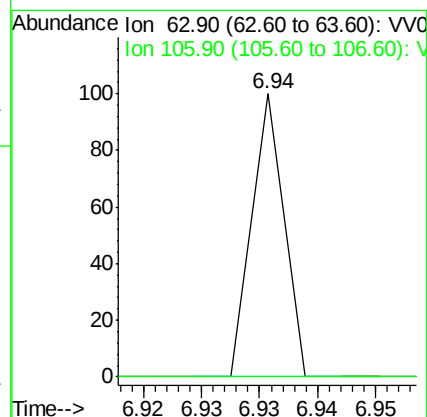
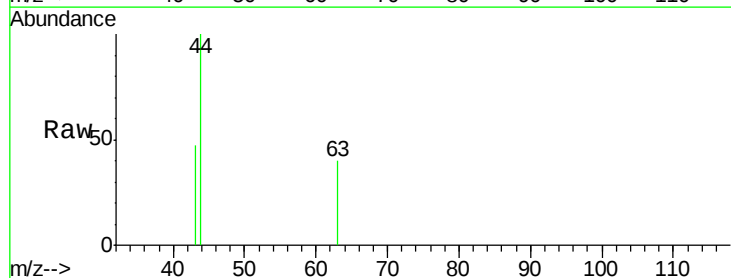
Acq: 24 Jan 2019 12:24

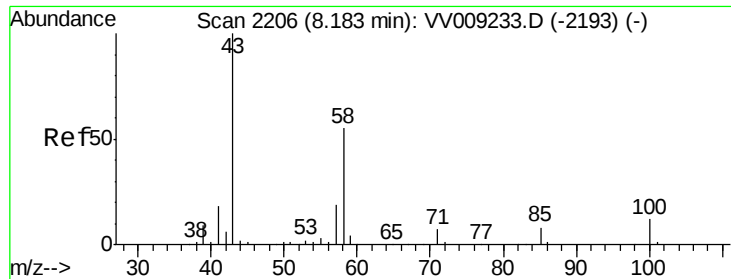
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

106 0.0 19.0 28.6#





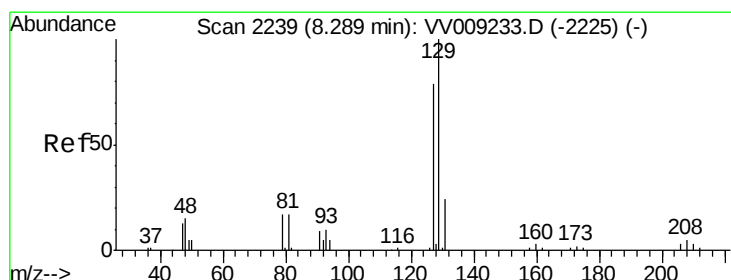
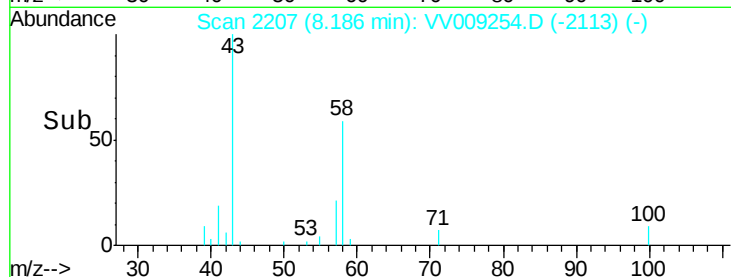
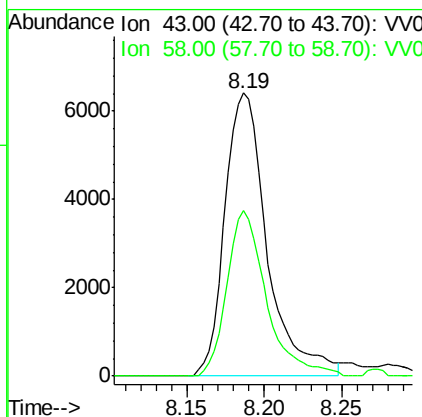
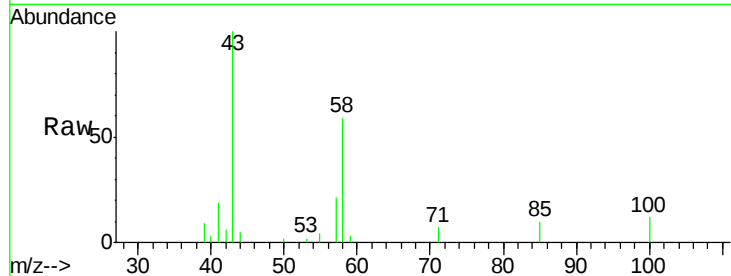
#59
2-Hexanone
Concen: 28.122 ug/l
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 12187
Ion Ratio Lower Upper
43 100
58 54.5 27.5 82.5

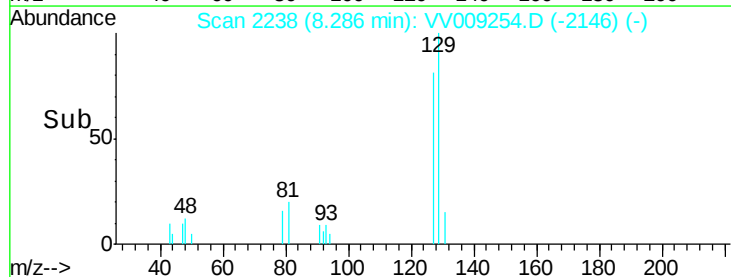
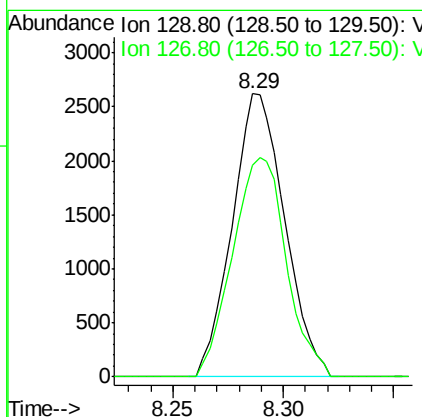
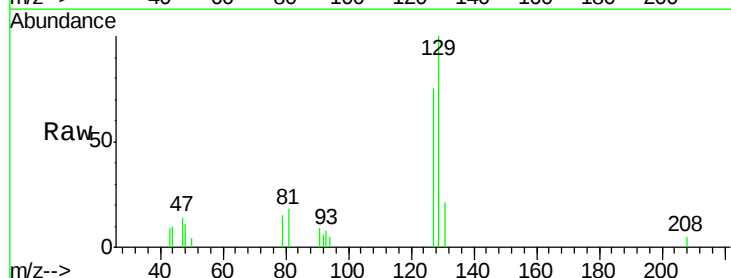
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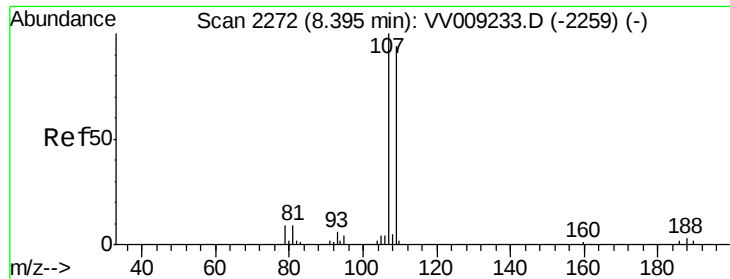
MMDadoda
1/25/2019 10:01:16 AM



#60
Dibromochloromethane
Concen: 4.853 ug/l
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 129 Resp: 4316
Ion Ratio Lower Upper
129 100
127 79.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 5.032 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 3738

Ion Ratio Lower Upper

107 100

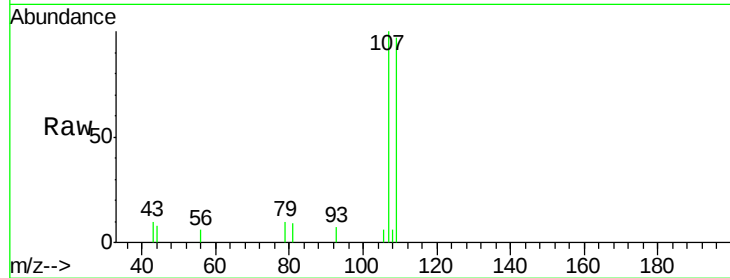
109 98.1 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.40

2500

2000

1500

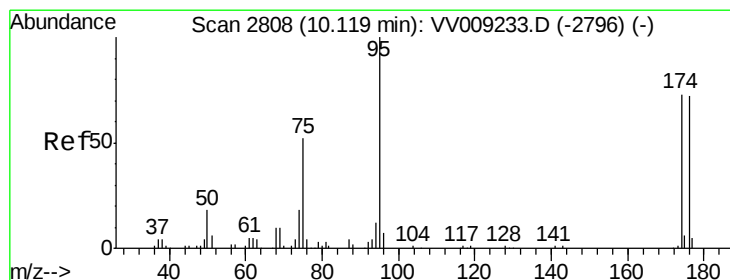
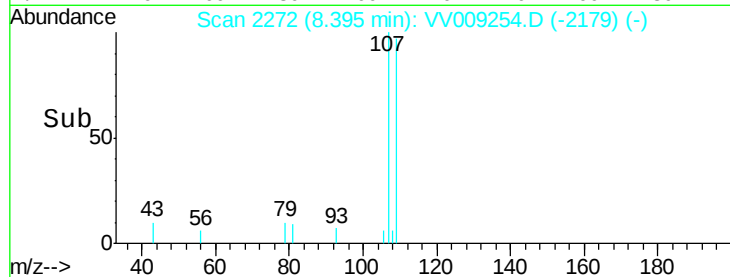
1000

500

0

8.35 8.40 8.45

Time-->



#62

4-Bromofluorobenzene

Concen: 5.350 ug/l

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

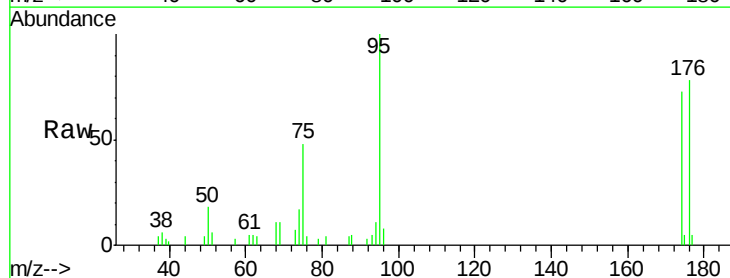
Tgt Ion: 95 Resp: 7182

Ion Ratio Lower Upper

95 100

174 75.0 0.0 148.2

176 75.5 0.0 143.0



Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

6000

5000

4000

3000

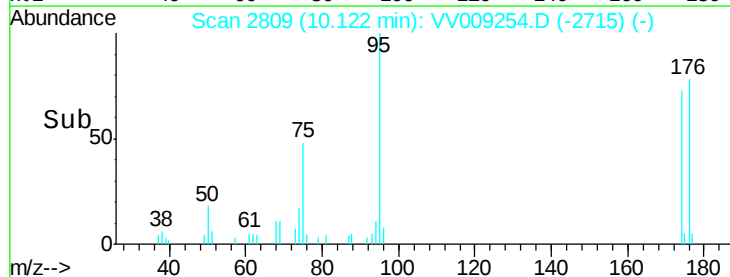
2000

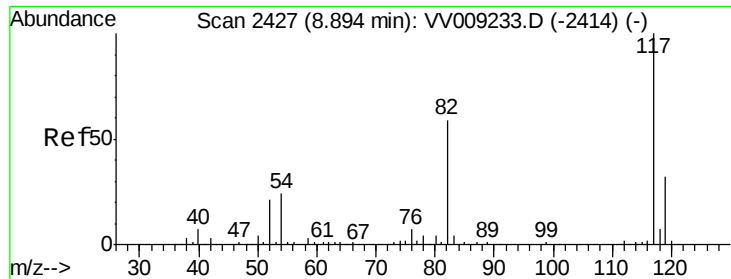
1000

0

10.05 10.10 10.15

Time-->





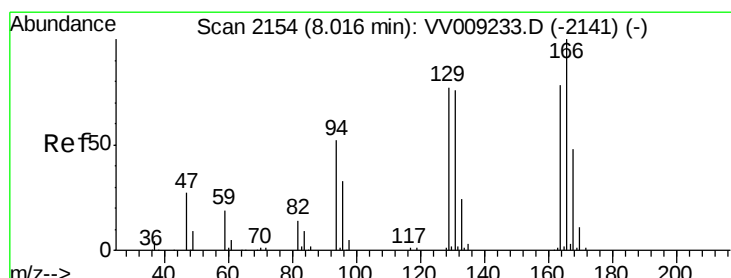
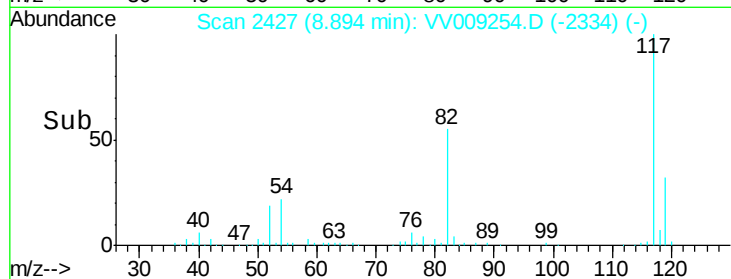
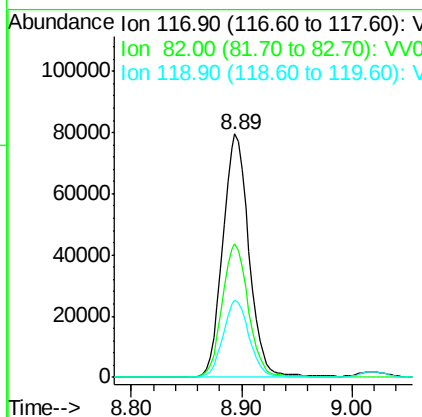
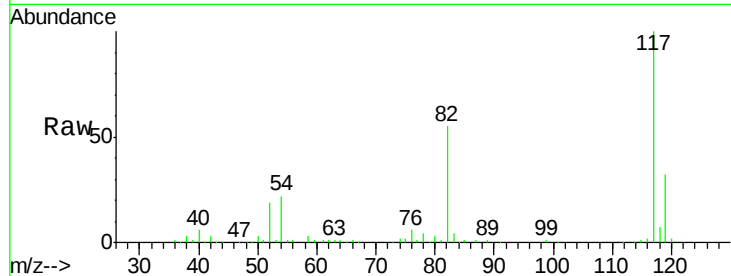
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	47.0	70.6
119	31.9	25.4	38.2

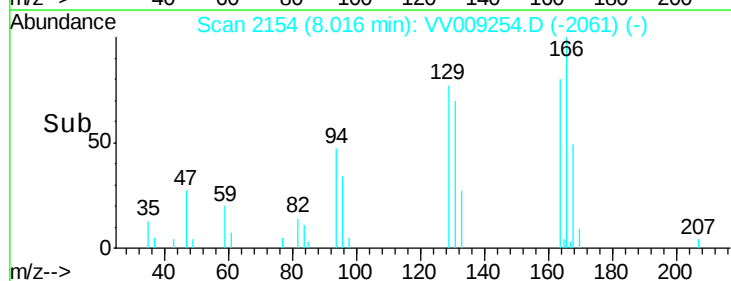
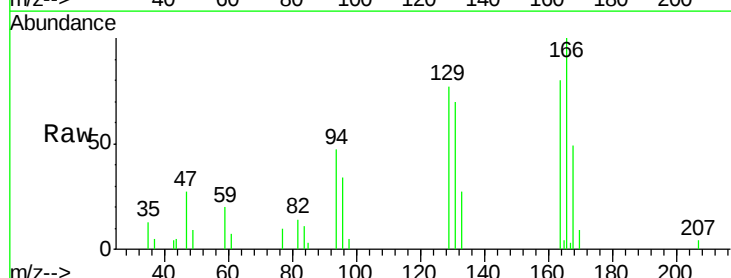
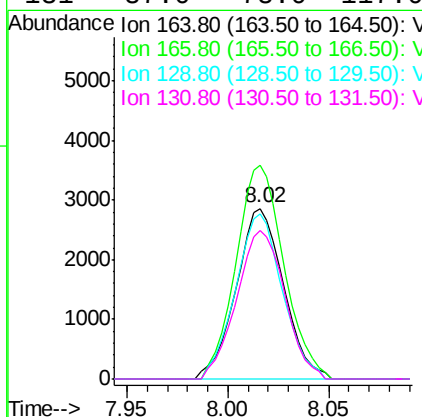
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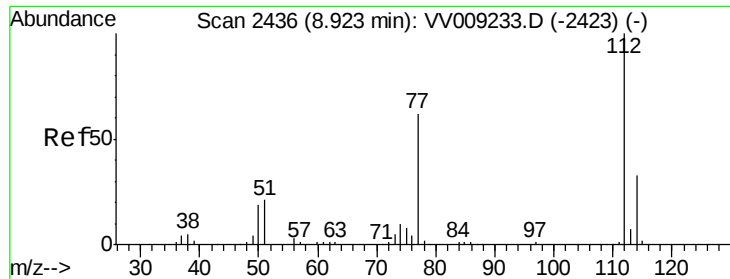
MMDadoda
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#64
Tetrachloroethene
Concen: 5.024 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.1	153.1
129	96.8	78.1	117.1
131	87.0	78.0	117.0





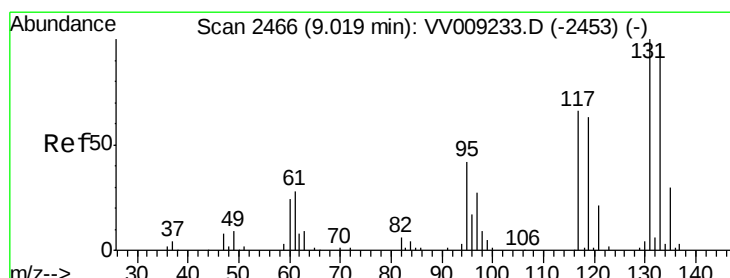
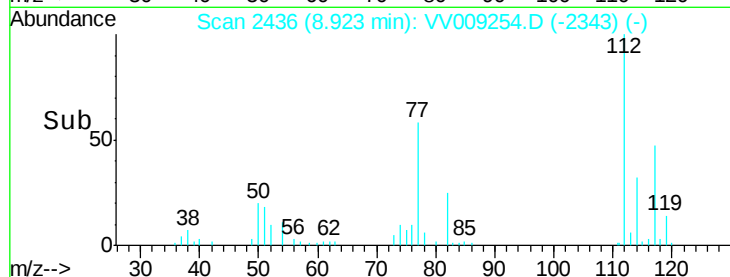
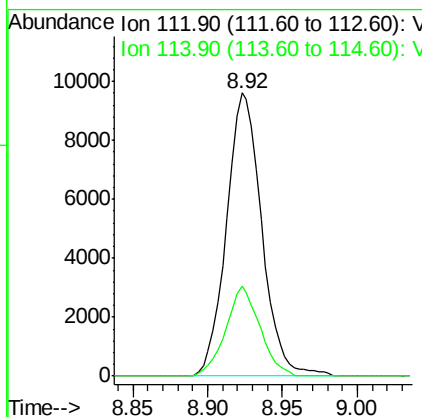
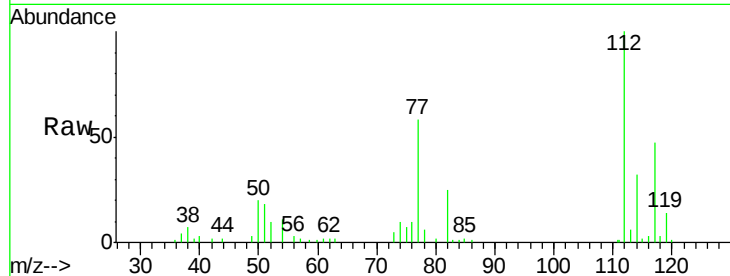
#65
Chlorobenzene
Concen: 5.174 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 15830
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

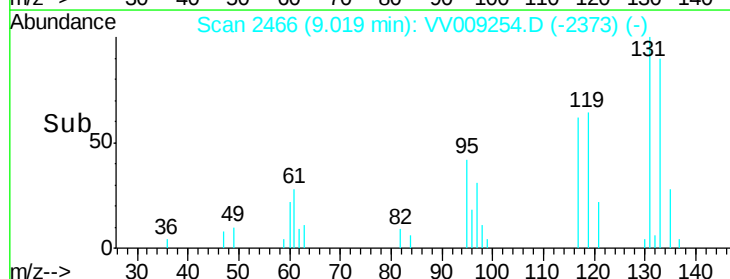
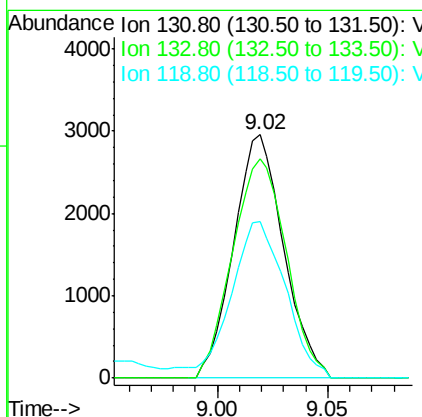
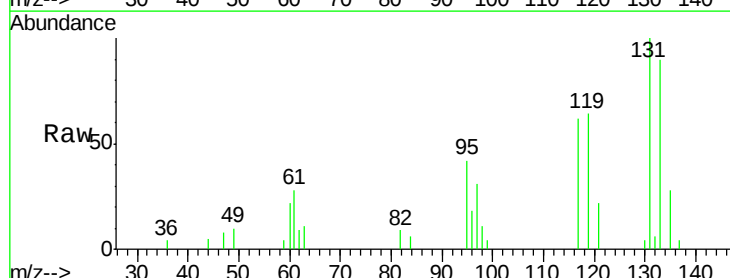
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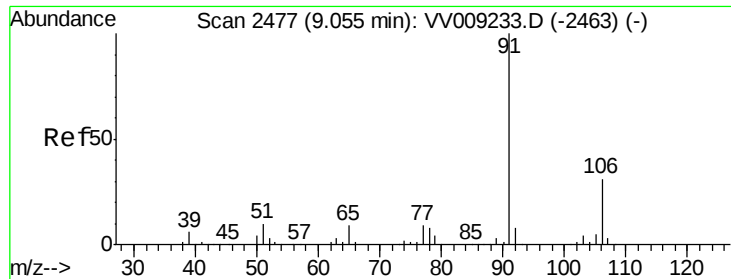
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.462 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:131 Resp: 4666
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.9
119 69.2 31.2 93.6





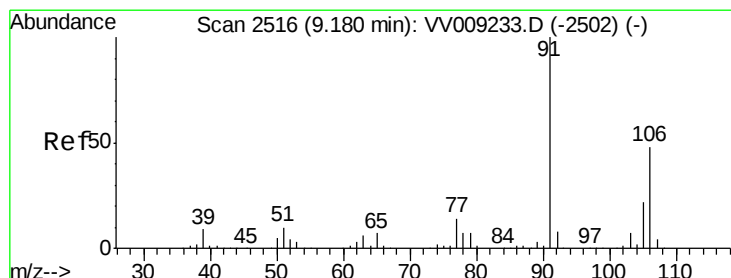
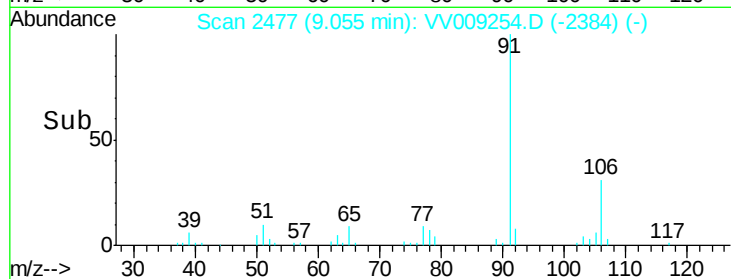
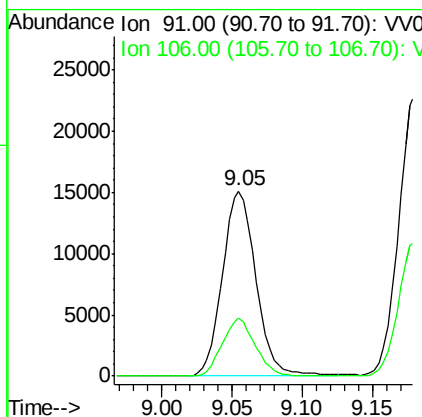
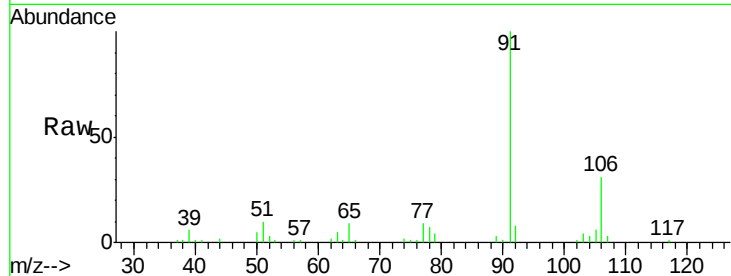
#67
Ethyl Benzene
Concen: 4.597 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 25059
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

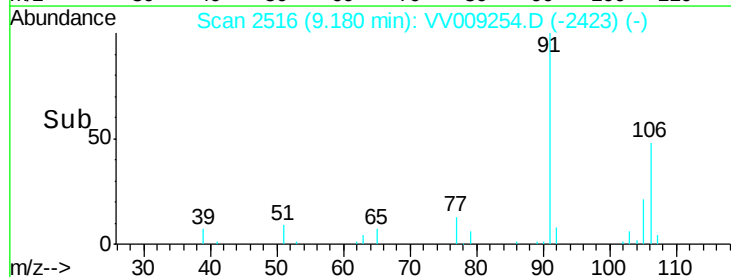
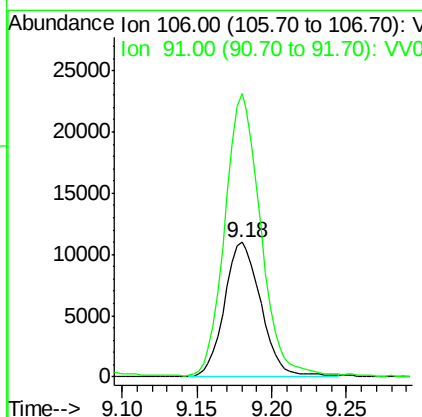
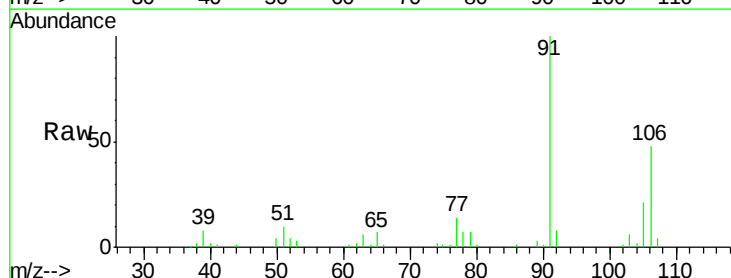
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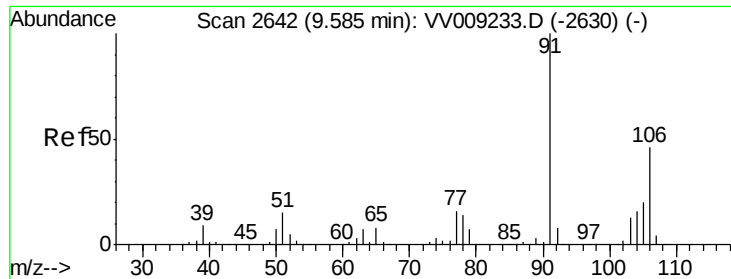
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#68
m/p-Xylenes
Concen: 9.043 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 106 Resp: 18712
Ion Ratio Lower Upper
106 100
91 208.1 167.1 250.7





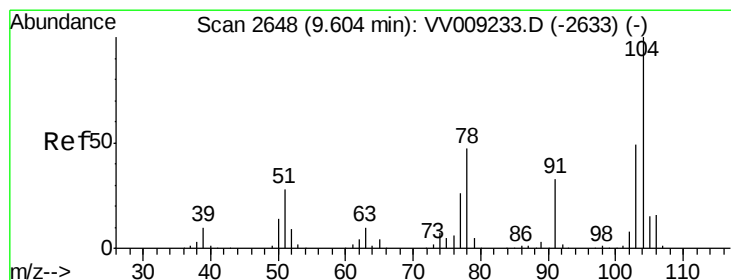
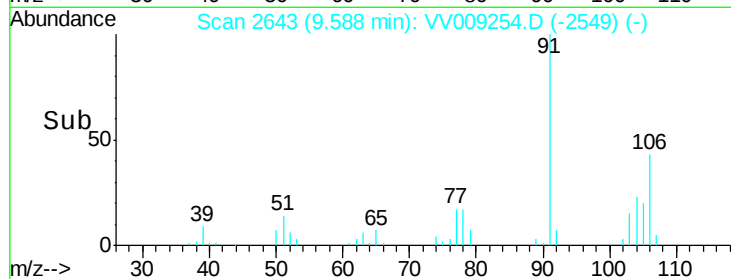
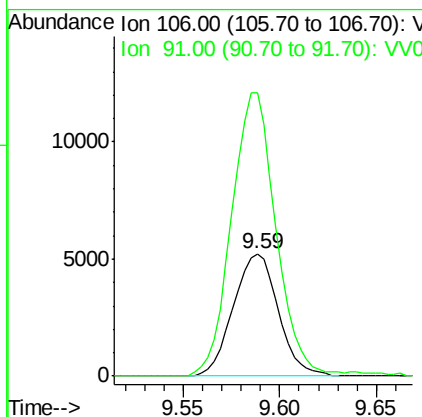
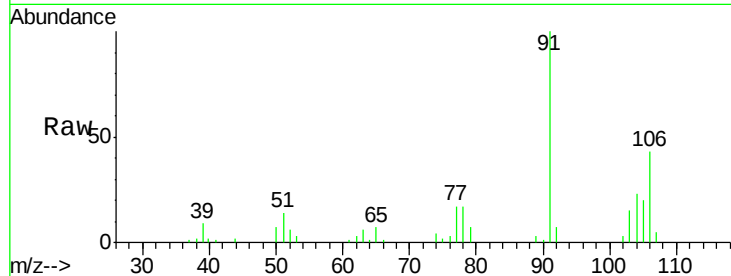
#69
o-Xylene
Concen: 4.406 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 8452
Ion Ratio Lower Upper
106 100
91 228.7 109.3 327.8

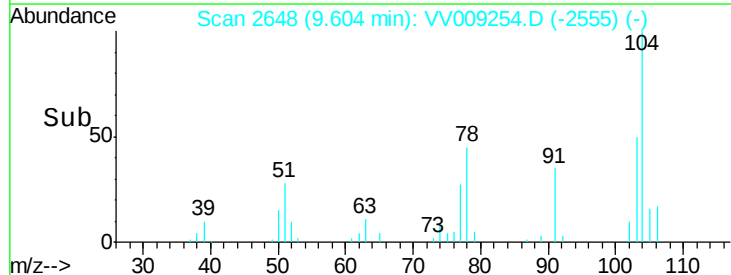
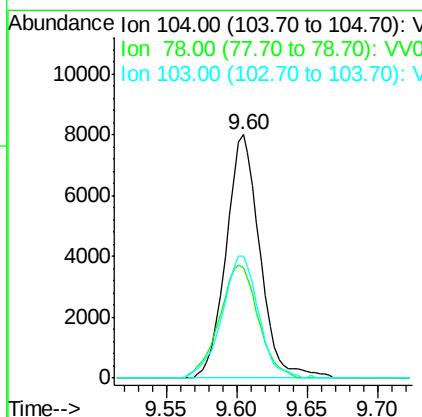
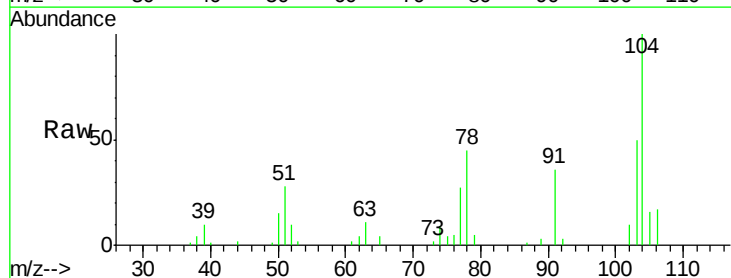
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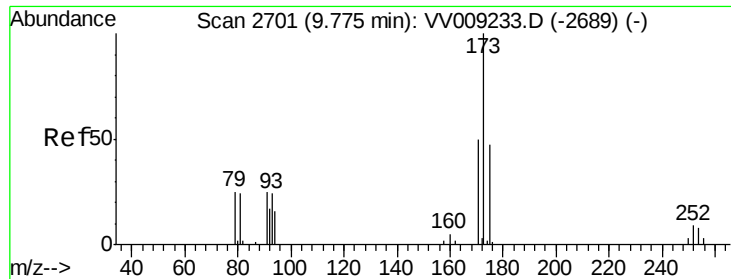
MMDadoda
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#70
Styrene
Concen: 4.386 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:104 Resp: 13429
Ion Ratio Lower Upper
104 100
78 52.9 43.1 64.7
103 54.3 43.8 65.8





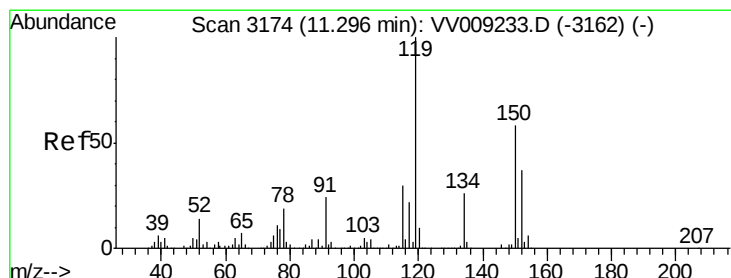
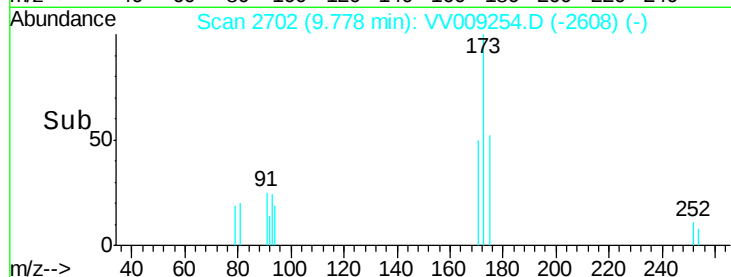
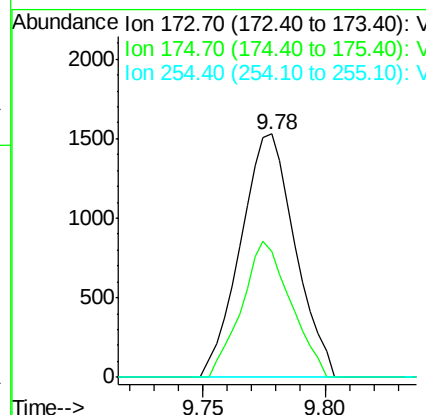
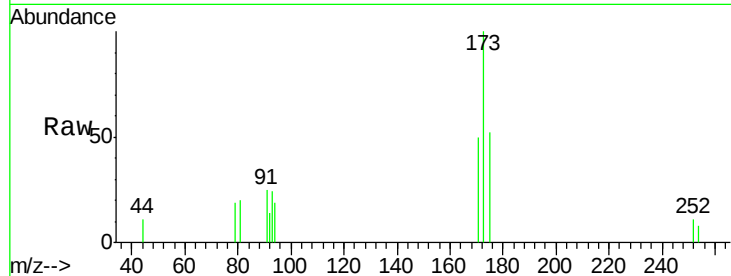
#71
Bromoform
Concen: 4.798 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	23.4	70.0
254	0.0	0.0	0.0

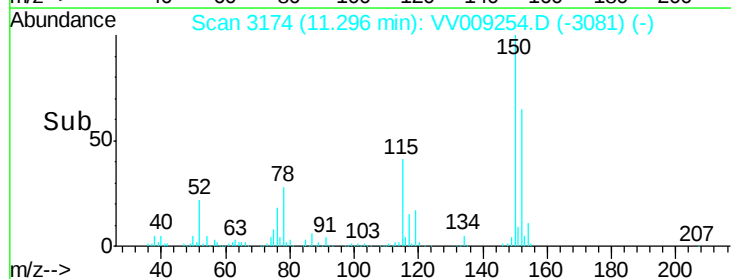
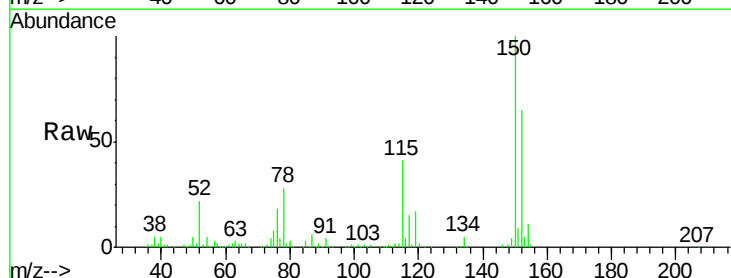
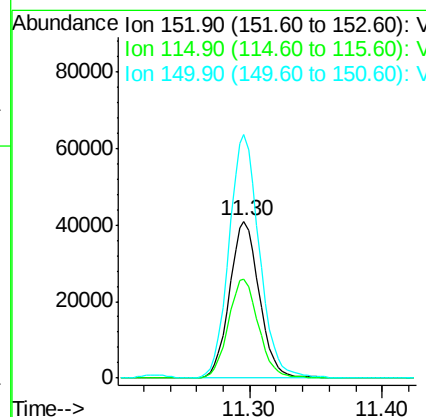
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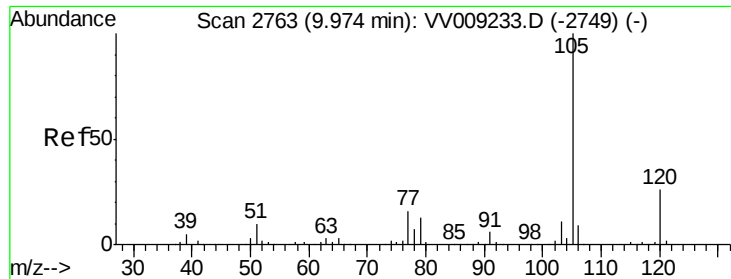
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	45.0	134.8
150	157.8	0.0	346.4





#73

Isopropylbenzene

Concen: 4.629 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 24513

Ion Ratio Lower Upper

105 100

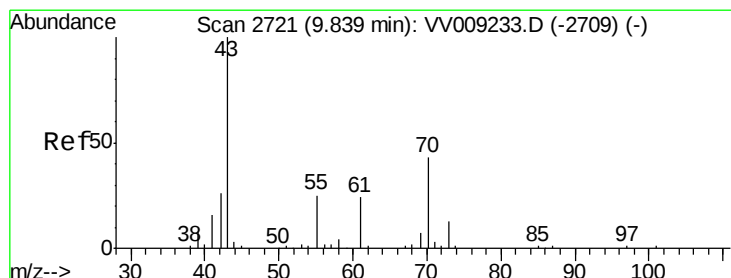
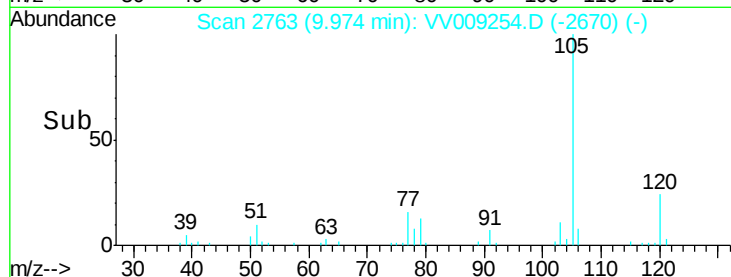
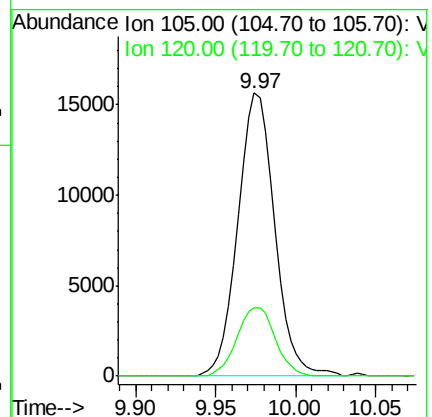
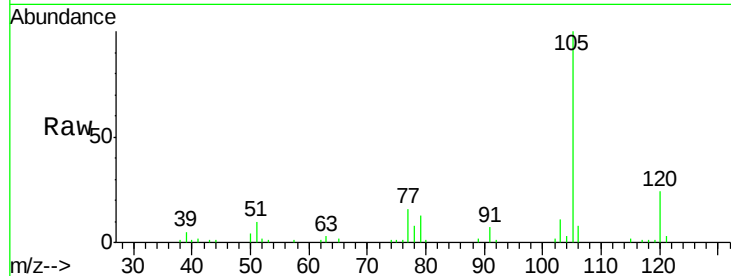
120 25.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 5.676 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion: 43 Resp: 5558

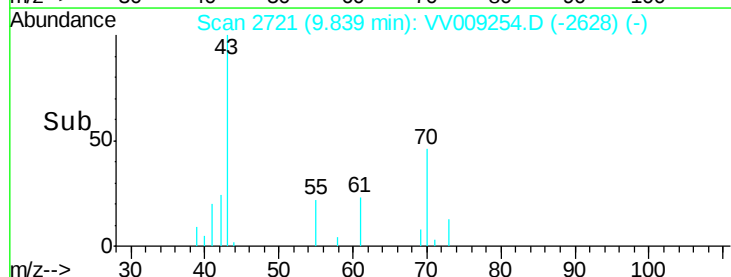
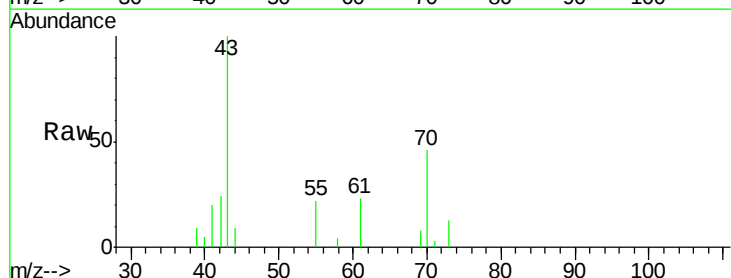
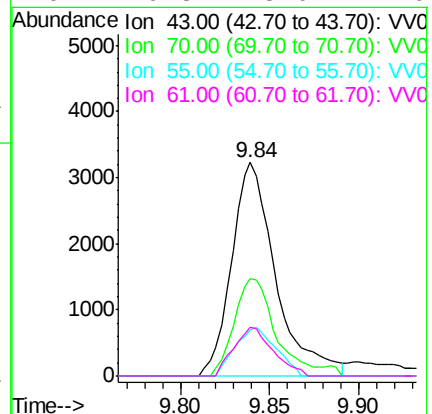
Ion Ratio Lower Upper

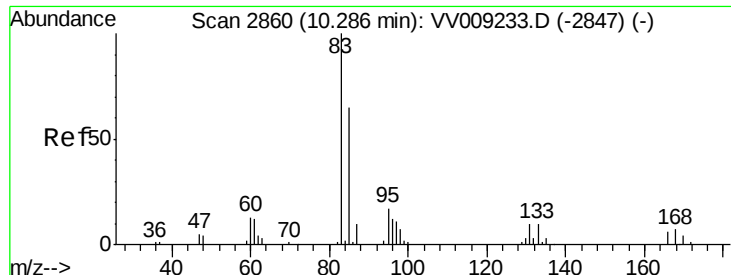
43 100

70 42.2 33.0 49.6

55 21.0 18.7 28.1

61 20.3 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.626 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

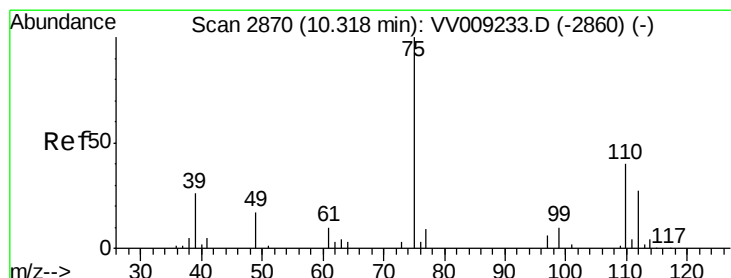
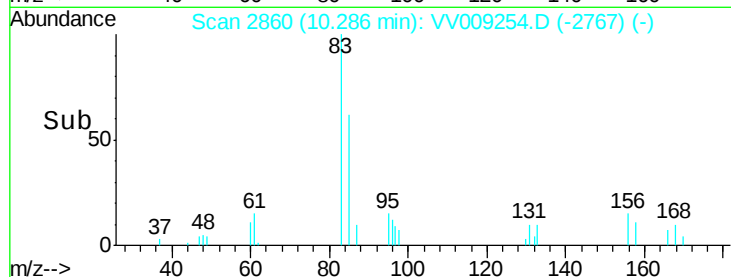
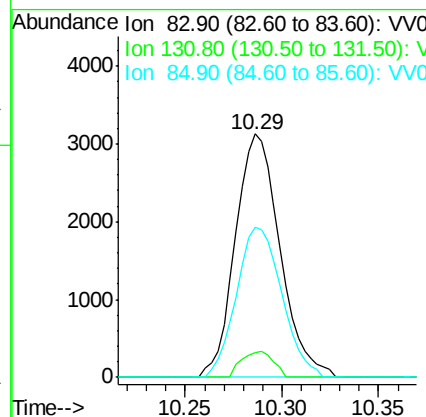
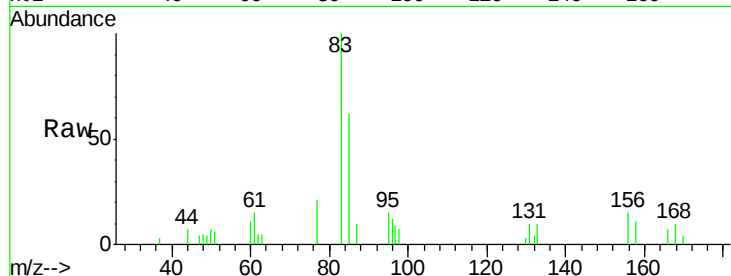
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	5022
Ion Ratio	Lower	Upper	
83	100		
131	7.5	5.1	15.3
85	62.6	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 5.257 ug/l m

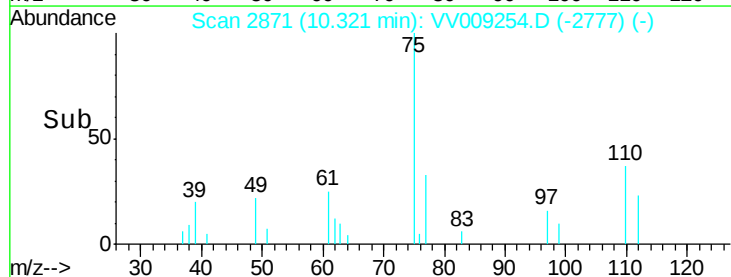
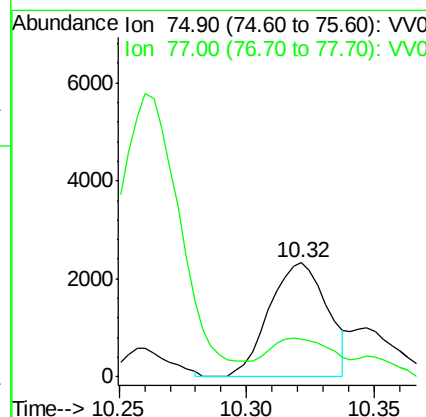
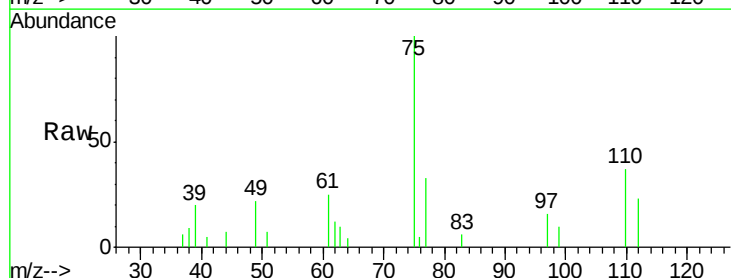
RT: 10.32 min Scan# 2871

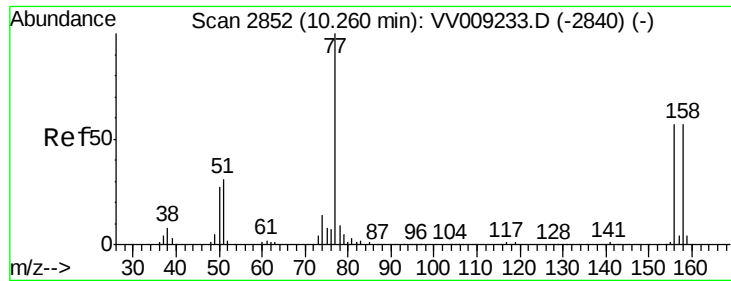
Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	75	Resp:	3691
Ion Ratio	Lower	Upper	
75	100		
77	8.7	24.6	73.8#





#77

Bromobenzene

Concen: 5.161 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 5845

Ion Ratio Lower Upper

156 100

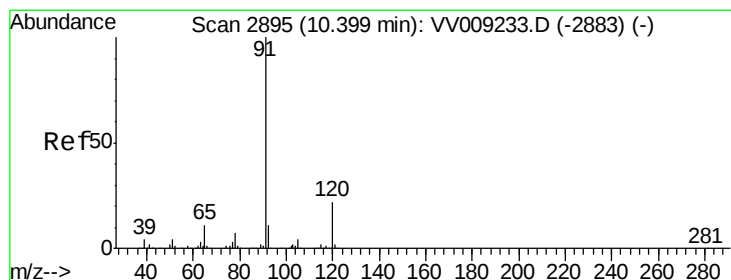
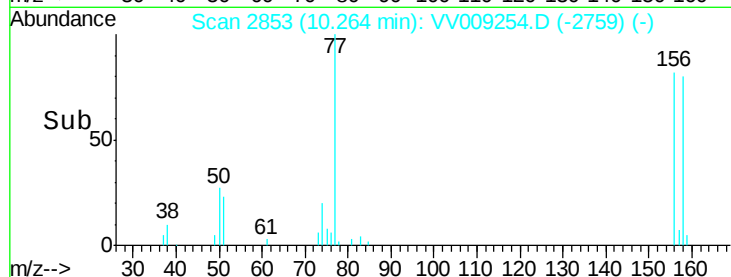
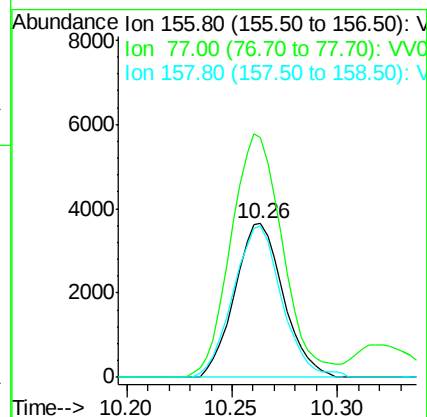
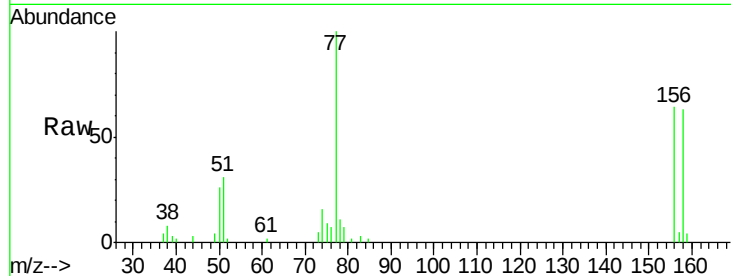
77 168.2 86.0 258.0

158 98.2 49.8 149.3

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#78

n-propylbenzene

Concen: 4.634 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009254.D

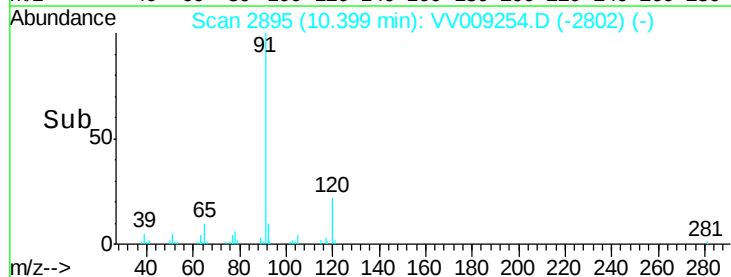
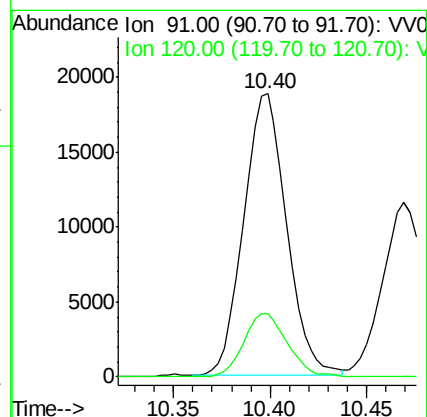
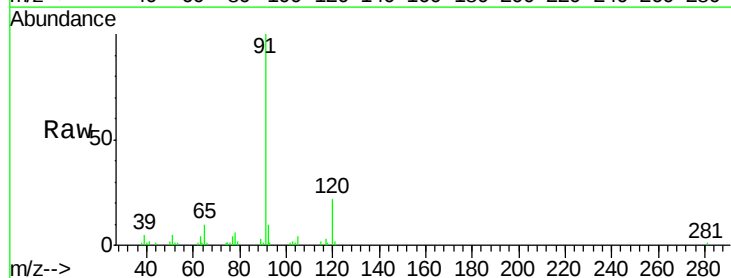
Acq: 24 Jan 2019 12:24

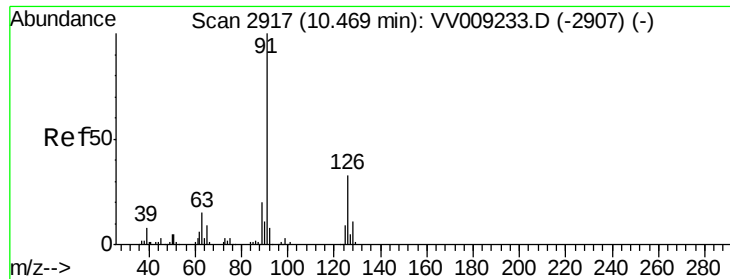
Tgt Ion: 91 Resp: 29089

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 4.838 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 18326

Ion Ratio Lower Upper

91 100

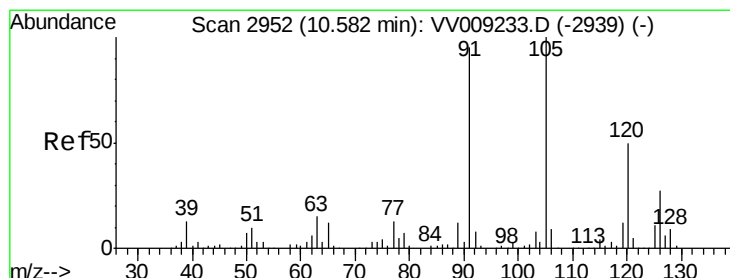
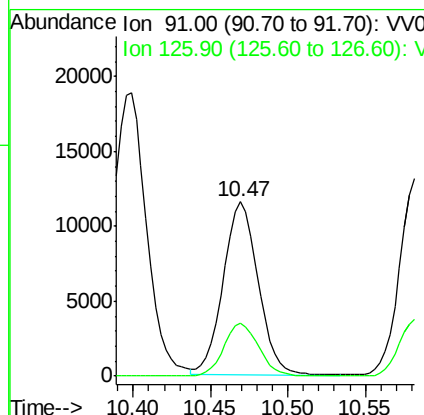
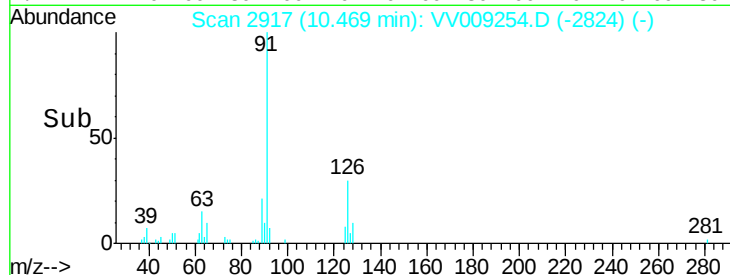
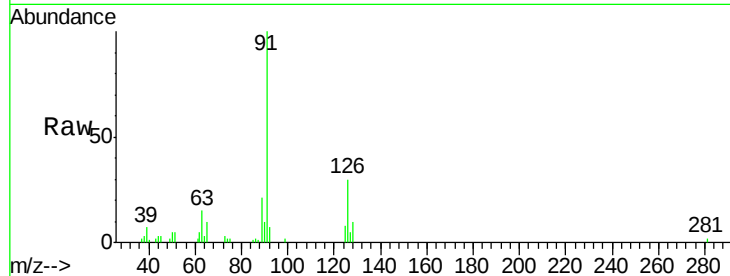
126 30.0 16.2 48.6

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#80

1,3,5-Trimethylbenzene

Concen: 4.578 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009254.D

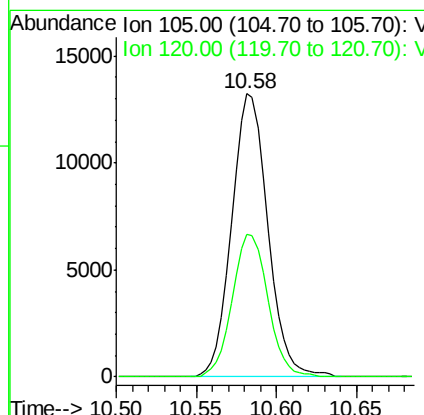
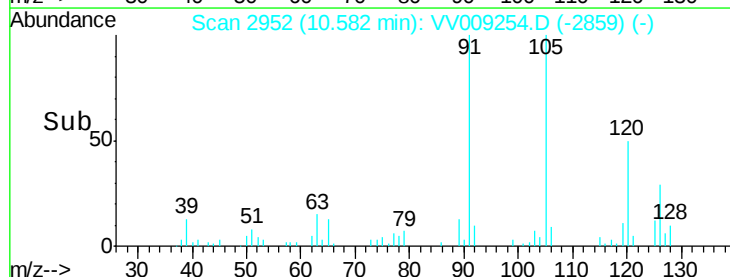
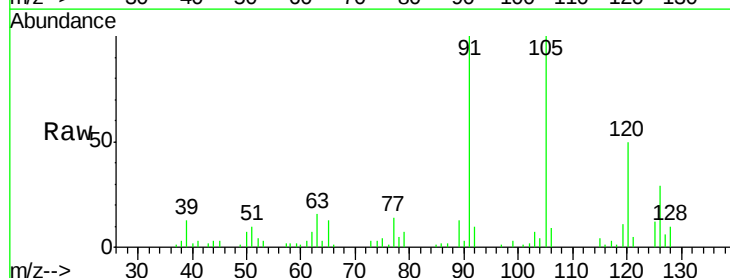
Acq: 24 Jan 2019 12:24

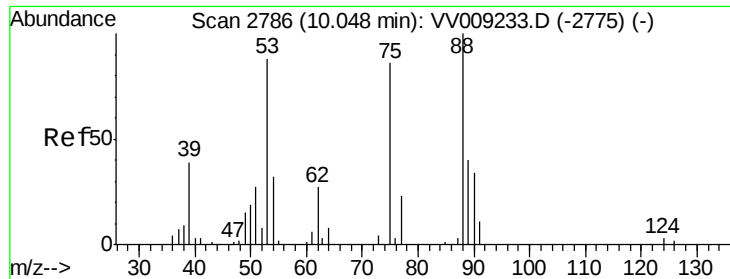
Tgt Ion: 105 Resp: 20332

Ion Ratio Lower Upper

105 100

120 49.7 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.240 ug/l

RT: 10.05 min Scan# 2787

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

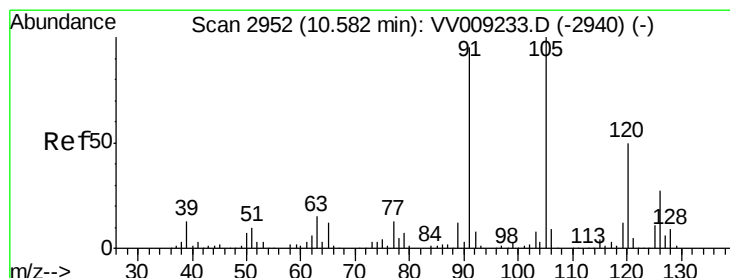
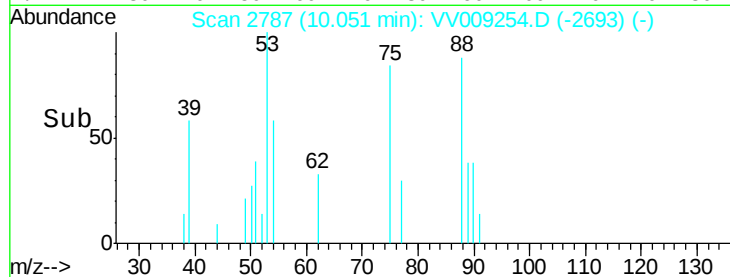
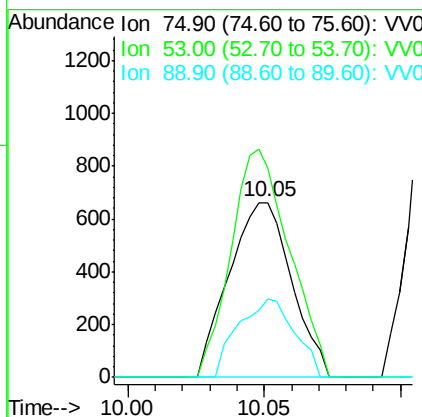
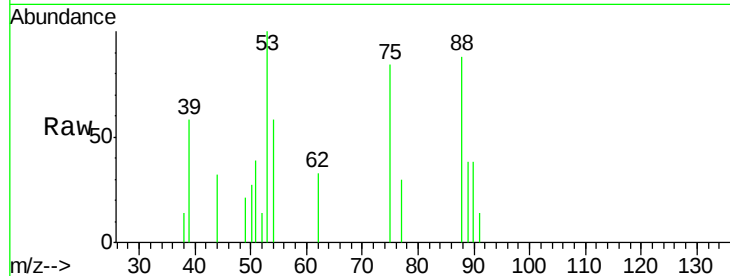
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	1052
Ion	Ratio	Lower	Upper
75	100		
53	121.8	82.1	123.1
89	40.4	36.2	54.4

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#82

4-Chlorotoluene

Concen: 4.812 ug/l

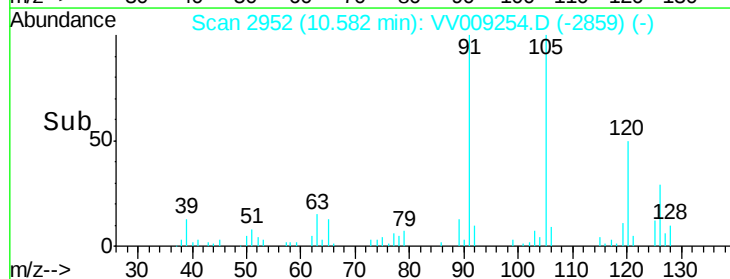
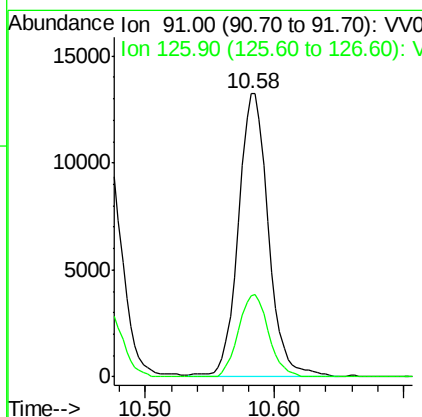
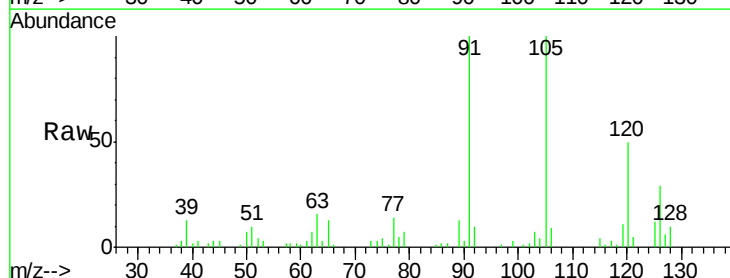
RT: 10.58 min Scan# 2952

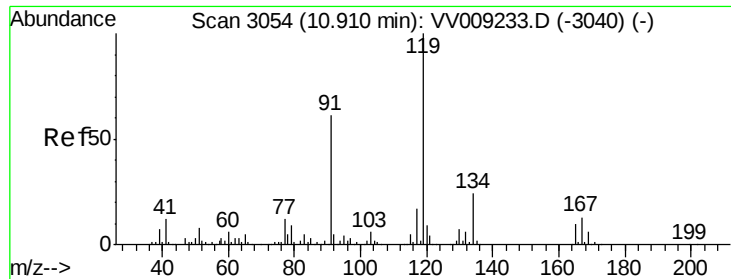
Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	91	Resp:	21466
Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.3	42.9





#83

tert-Butylbenzene

Concen: 4.689 ug/l

RT: 10.91 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

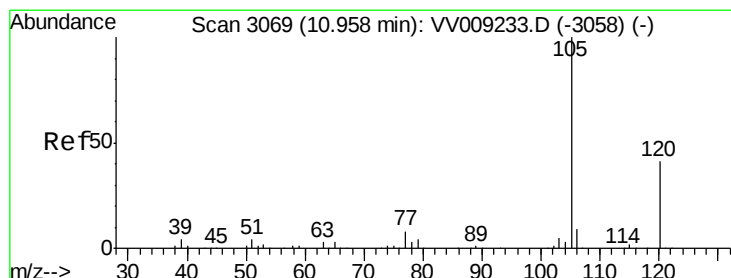
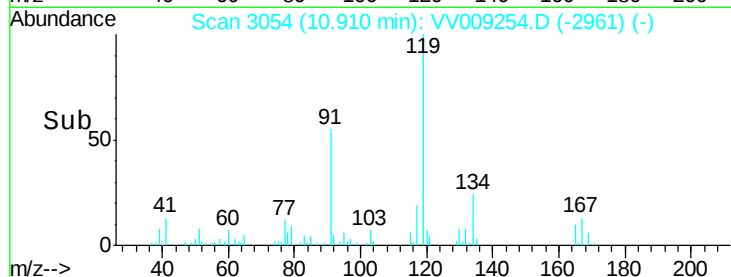
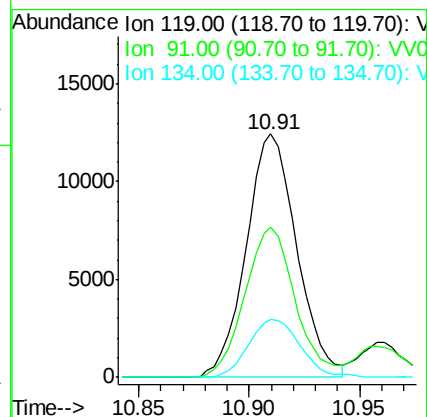
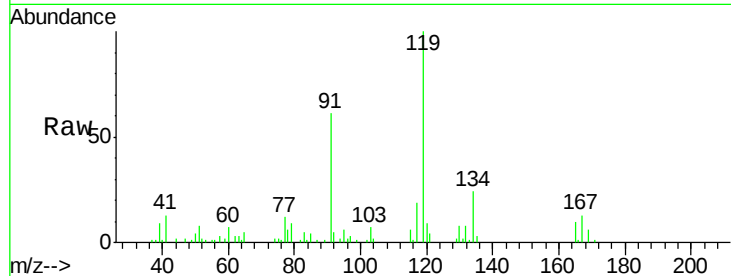
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	19830
Ion Ratio	Lower	Upper	
119	100		
91	61.6	30.0	90.1
134	24.3	11.9	35.7

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#84

1,2,4-Trimethylbenzene

Concen: 4.669 ug/l

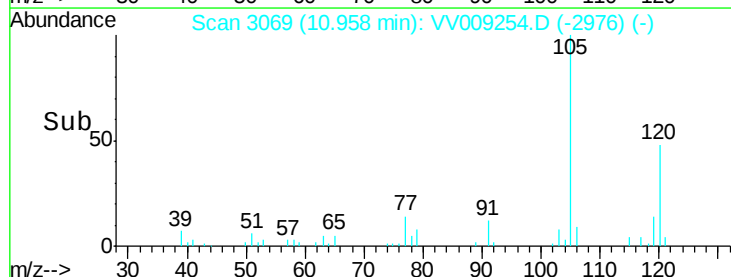
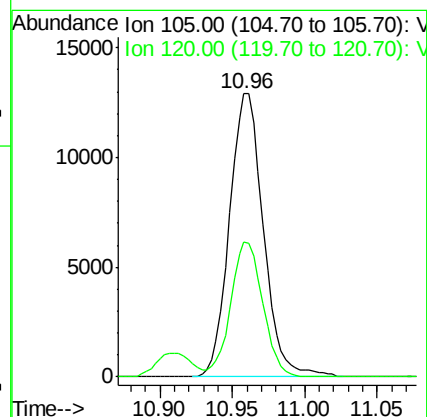
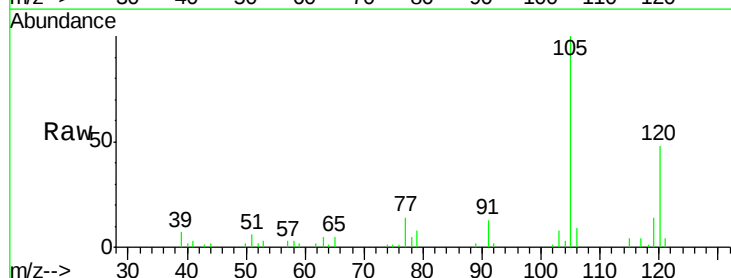
RT: 10.96 min Scan# 3069

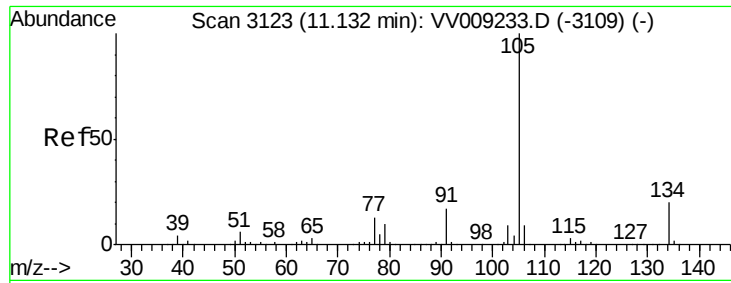
Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	105	Resp:	20917
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.6	67.7





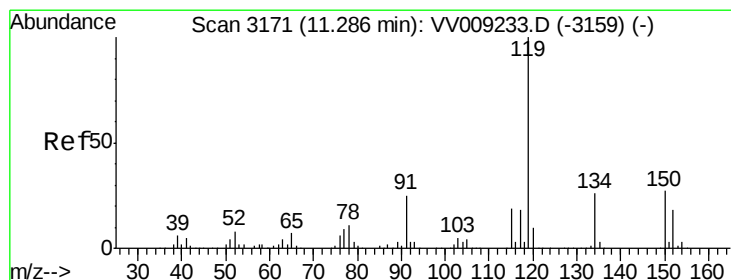
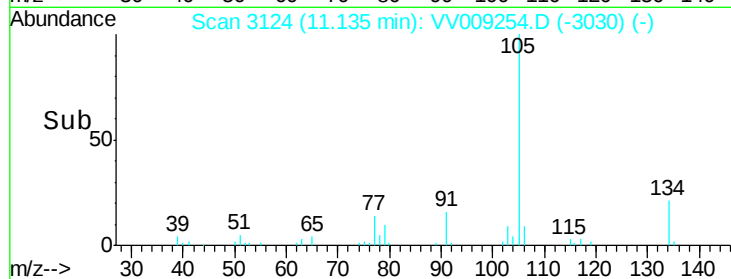
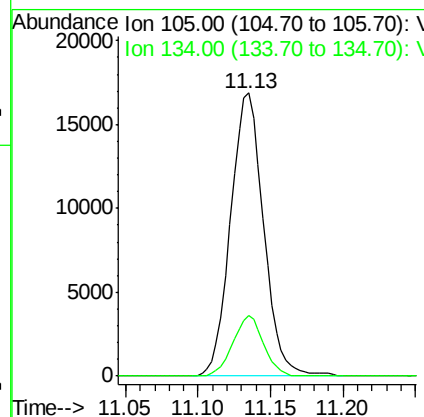
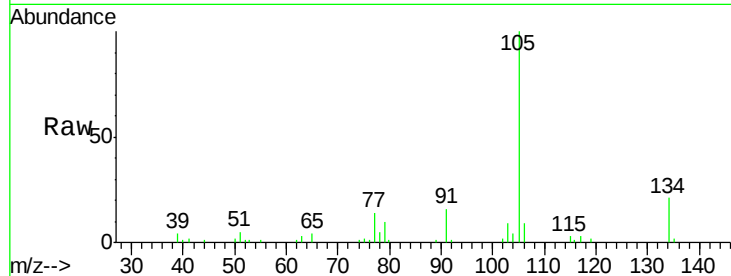
#85
 sec-Butylbenzene
 Concen: 4.810 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tot Ion:105 Resp: 26642
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.3

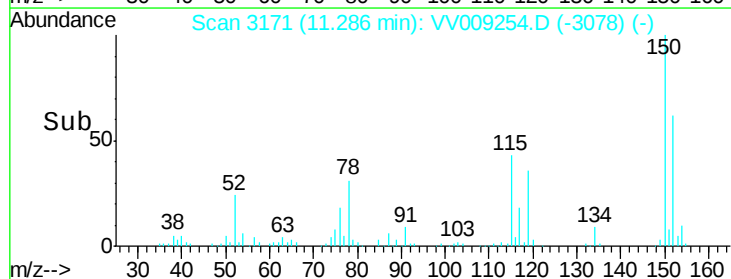
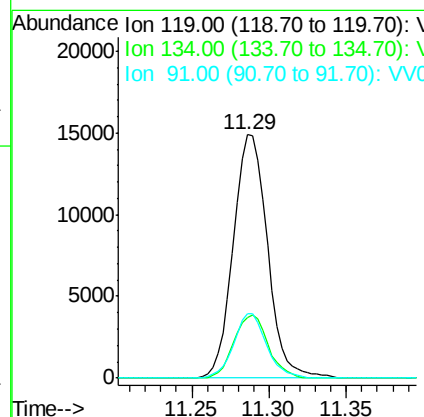
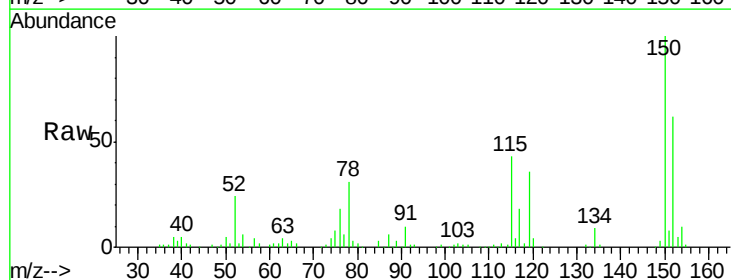
Manual Integrations
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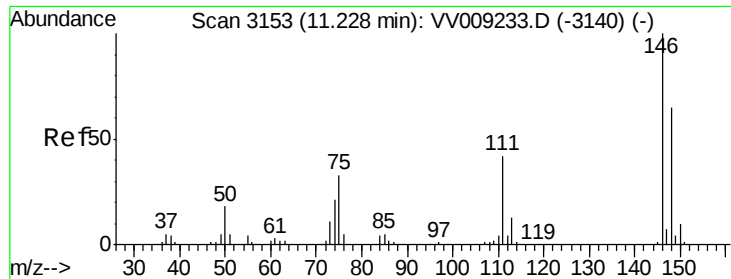
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#86
 p-Isopropyltoluene
 Concen: 4.715 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion:119 Resp: 22866
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 25.3 12.4 37.2





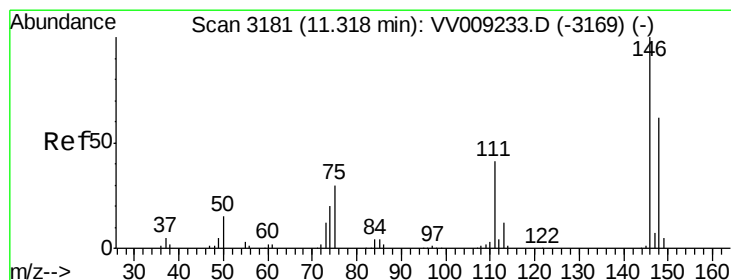
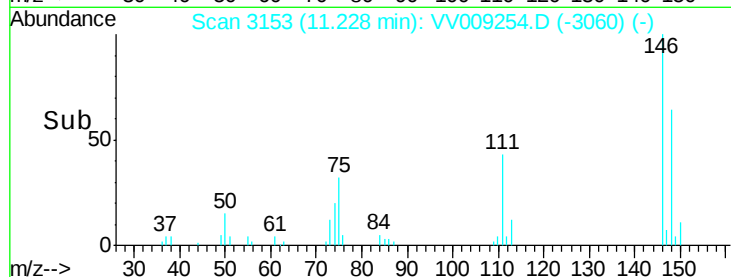
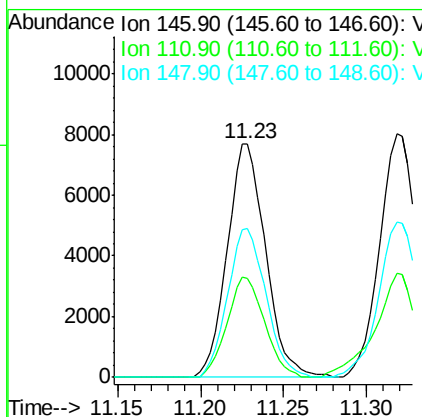
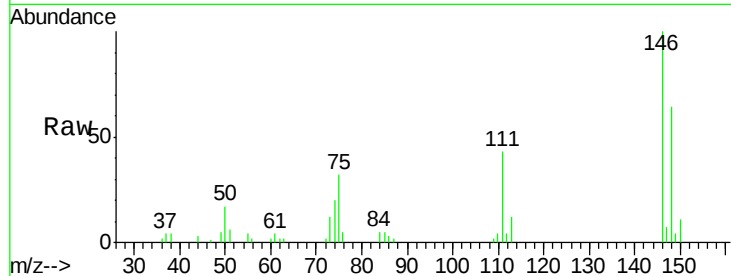
#87
 1,3-Dichlorobenzene
 Concen: 5.274 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.4
148	63.7	32.1	96.3

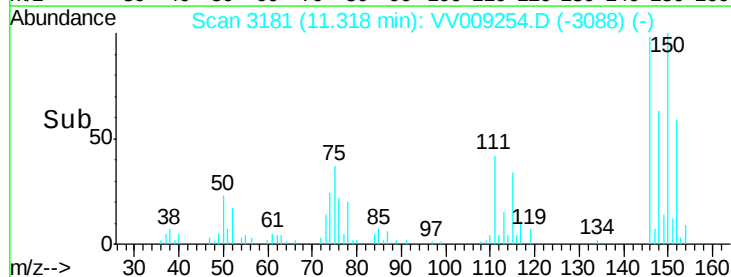
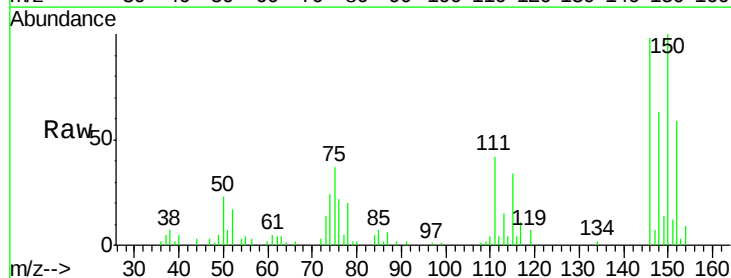
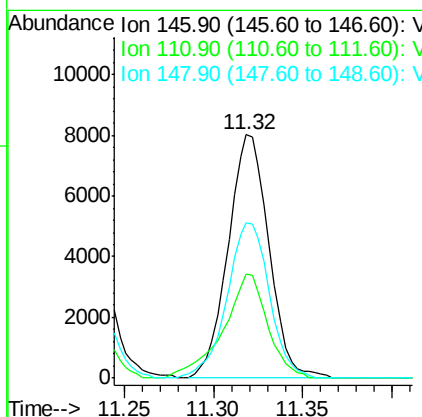
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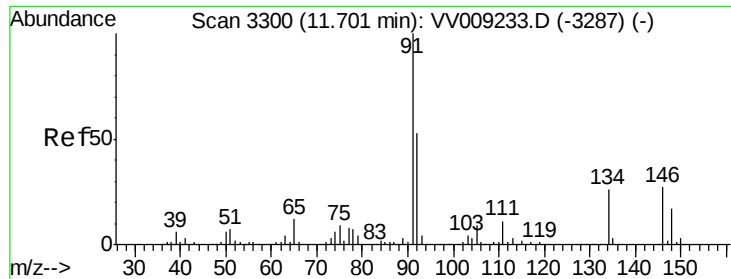
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#88
 1,4-Dichlorobenzene
 Concen: 5.381 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.3	20.5	61.5
148	66.2	31.4	94.3





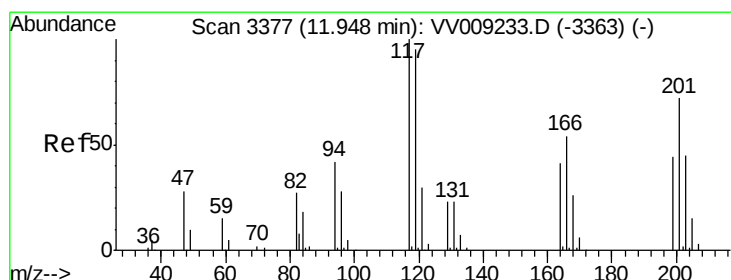
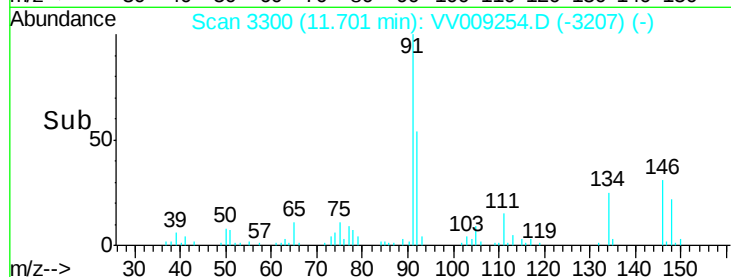
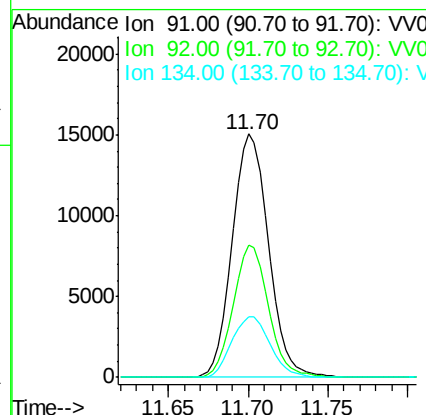
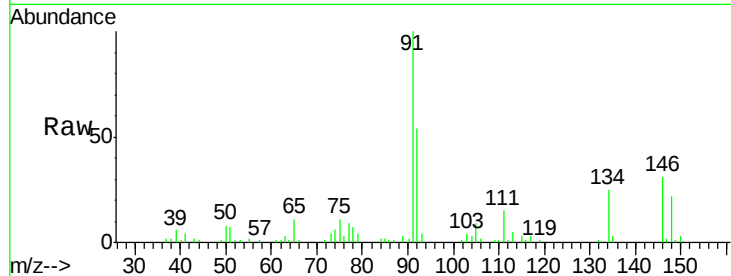
#89
n-Butylbenzene
Concen: 4.948 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.2	81.5
134	26.1	12.6	37.8

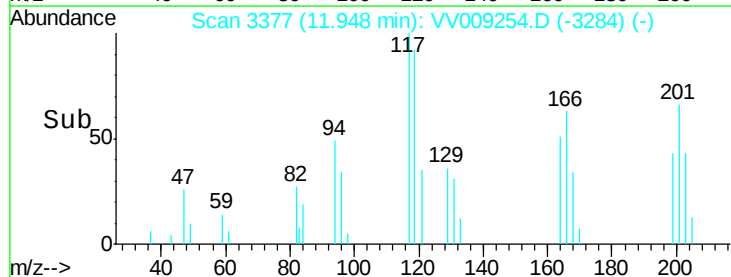
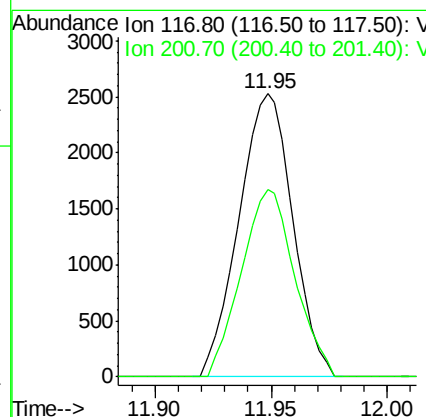
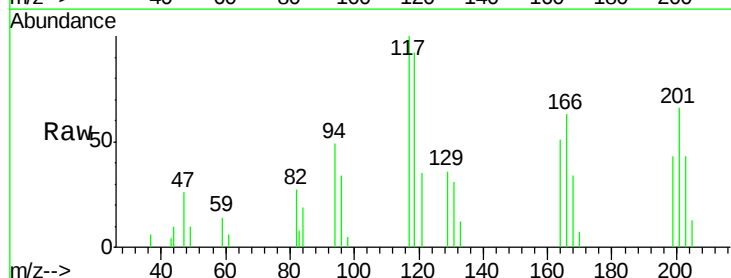
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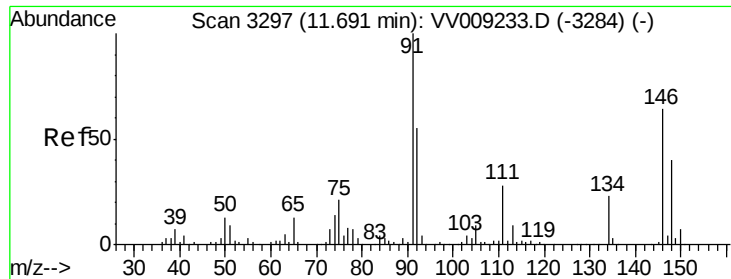
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#90
Hexachloroethane
Concen: 4.729 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.7	35.2	105.6





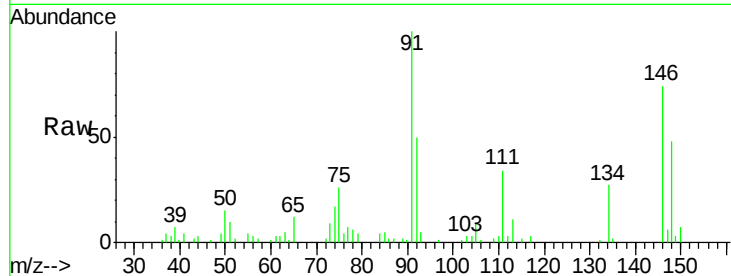
#91
 1,2-Dichlorobenzene
 Concen: 5.287 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

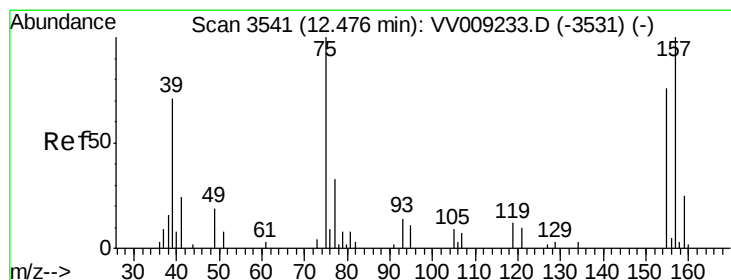
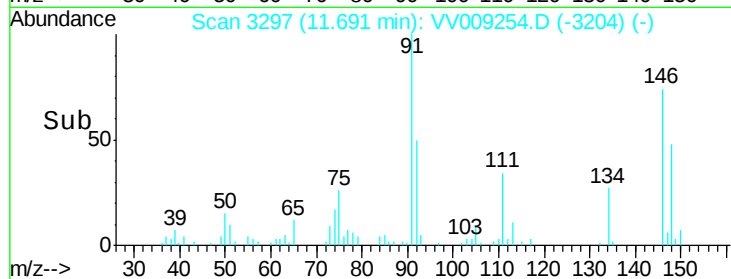
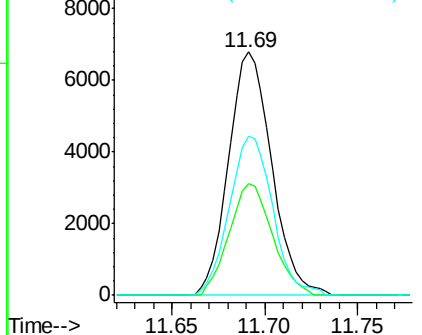
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.9	65.8
148	65.7	31.6	95.0

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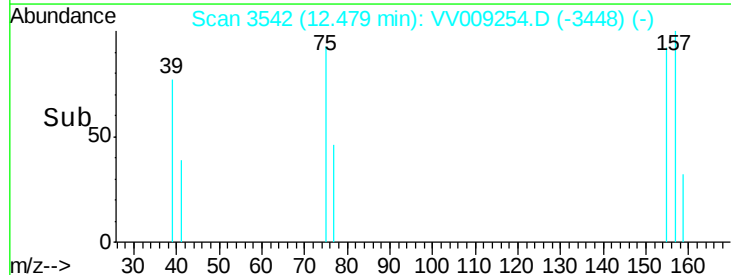
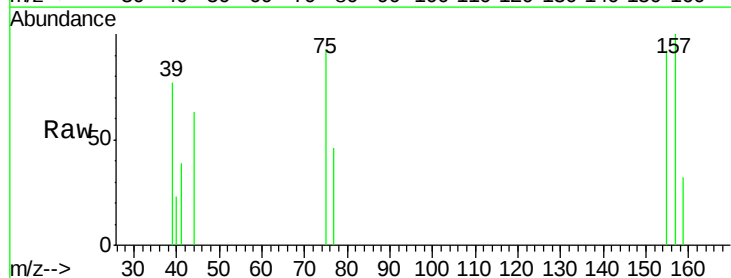
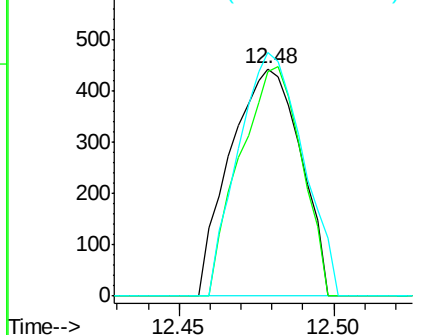
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

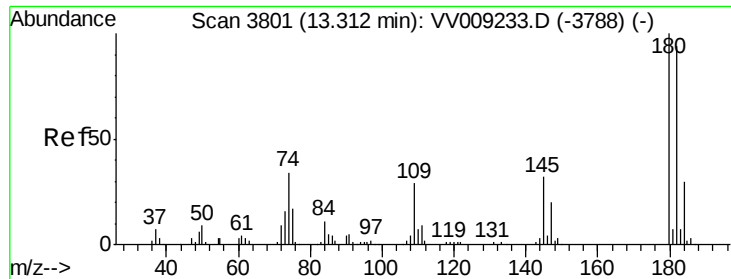


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.684 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	38.0	114.0
157	98.1	50.8	152.4

Abundance Ion 74.90 (74.60 to 75.60): VV0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





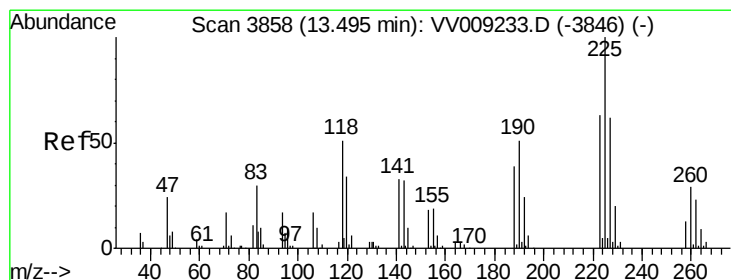
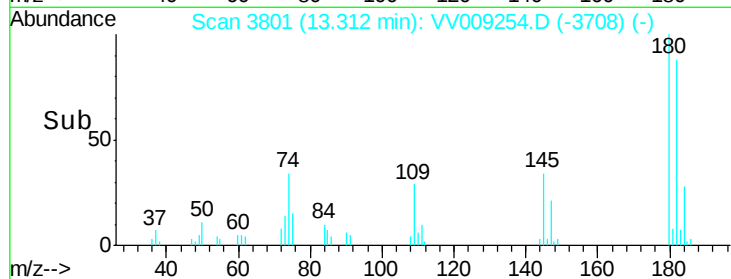
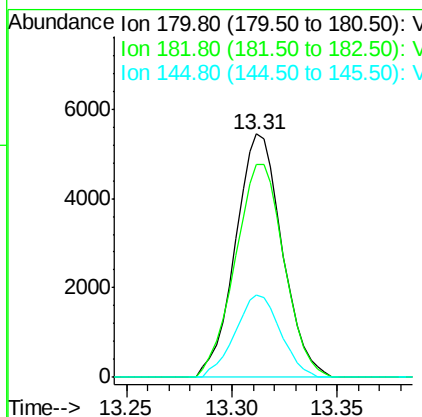
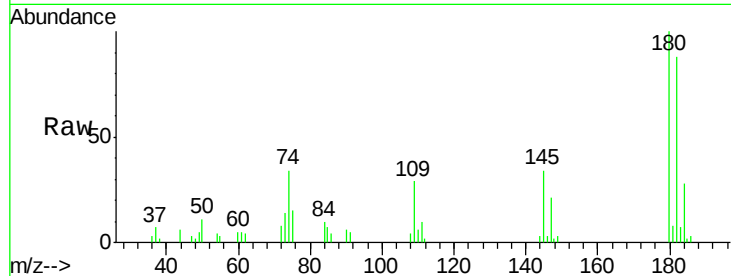
#93
 1,2,4-Trichlorobenzene
 Concen: 6.261 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.1	141.4
145	33.0	16.0	48.0

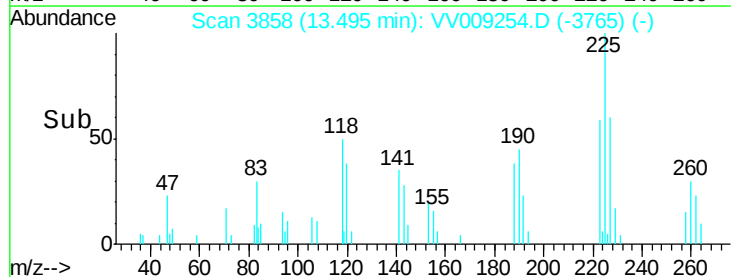
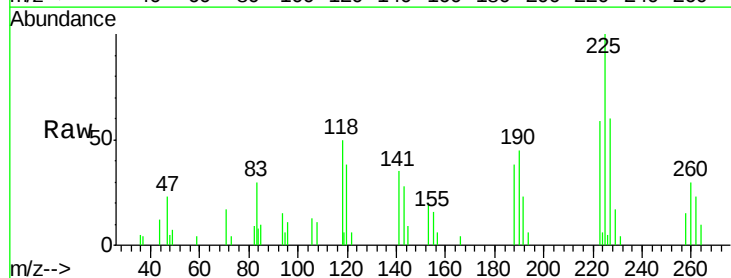
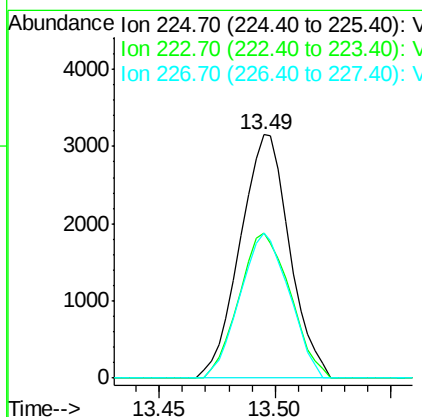
Manual Integrations
 APPROVED

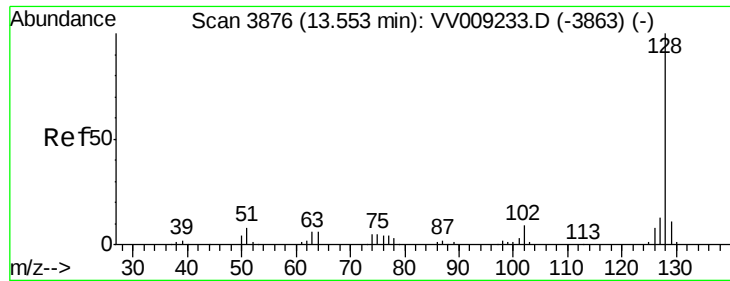
MMDadoda
 1/25/2019 10:01:16 AM



#94
 Hexachlorobutadiene
 Concen: 5.638 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.7	95.1
227	59.5	31.6	95.0





#95

Naphthalene

Concen: 7.333 ug/l

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

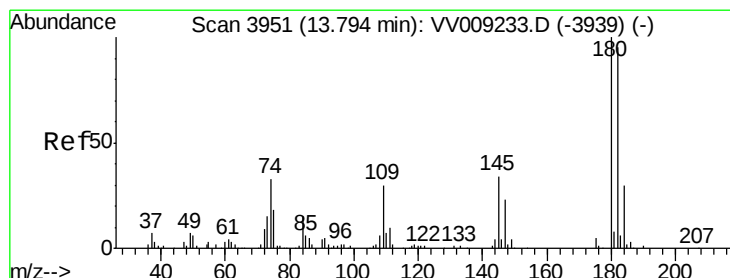
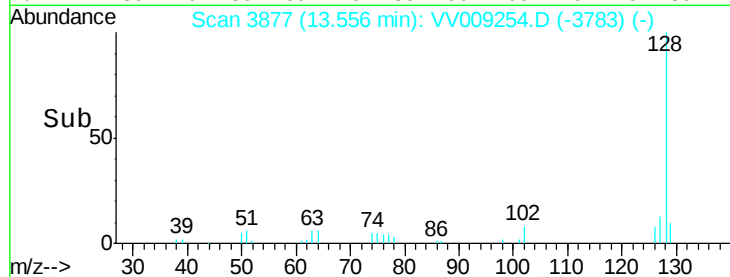
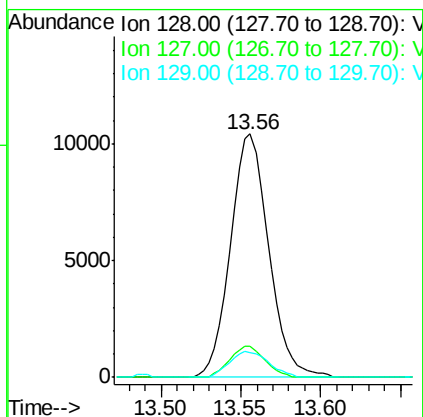
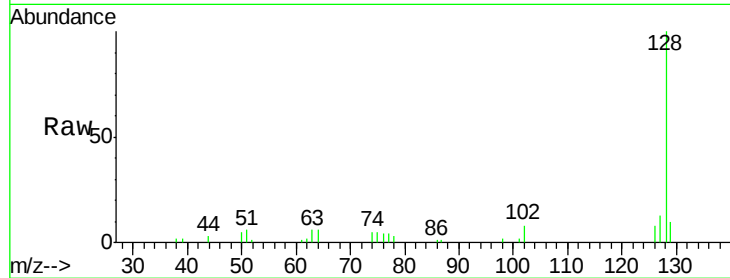
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	16945
Ion Ratio	Lower	Upper	
128	100		
127	11.7	10.7	16.1
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/25/2019 10:01:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 6.471 ug/l

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion:	180	Resp:	7323
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.4	142.2
145	34.6	17.2	51.5

