

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008430.D
 Acq On : 28 Jan 2019 10:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 12:19:39 PM

Quant Time: Jan 29 04:18:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	505303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	762242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	669387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	341638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	222785	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
35) Dibromofluoromethane	7.88	113	218221	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.32	98	867757	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.62	95	318149	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	133967	46.146	ug/l	100
3) Chloromethane	2.21	50	178318	43.232	ug/l	99
4) Vinyl Chloride	2.37	62	269216	51.273	ug/l	98
5) Bromomethane	2.78	94	177402	52.383	ug/l	96
6) Chloroethane	2.93	64	167941	52.300	ug/l	96
7) Trichlorofluoromethane	3.26	101	206040	45.578	ug/l	99
8) Diethyl Ether	3.67	74	116549	46.251	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	233521	51.096	ug/l	97
10) Methyl Iodide	4.26	142	369544	51.192	ug/l	99
11) Tert butyl alcohol	5.17	59	83943	210.031	ug/l	98
12) 1,1-Dichloroethene	4.03	96	227311	49.147	ug/l	99
13) Acrolein	3.89	56	77070	219.089	ug/l	99
14) Allyl chloride	4.66	41	400259	45.574	ug/l	99
15) Acrylonitrile	5.36	53	241648	222.076	ug/l	99
16) Acetone	4.12	43	300106	269.209	ug/l	97
17) Carbon Disulfide	4.37	76	719663	48.719	ug/l	97
18) Methyl Acetate	4.67	43	127393	42.845	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	352962	46.124	ug/l	99
20) Methylene Chloride	4.90	84	226020	43.990	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	244318	46.986	ug/l	99
22) Diisopropyl ether	6.31	45	726221	43.629	ug/l	98
23) Vinyl Acetate	6.25	43	2119899	215.685	ug/l	98
24) 1,1-Dichloroethane	6.21	63	430420	45.683	ug/l	100
25) 2-Butanone	7.17	43	364281	235.264	ug/l	98
26) 2,2-Dichloropropane	7.17	77	305266	47.933	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	261270	46.104	ug/l	99
28) Bromochloromethane	7.51	49	195635	45.207	ug/l	96
29) Tetrahydrofuran	7.52	42	211972	216.030	ug/l	98
30) Chloroform	7.67	83	426039	45.972	ug/l	98
31) Cyclohexane	7.95	56	430637	44.202	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	382531	47.790	ug/l	98
36) 1,1-Dichloropropene	8.08	75	356886	49.566	ug/l	99
37) Ethyl Acetate	7.25	43	144190	45.263	ug/l	98
38) Carbon Tetrachloride	8.06	117	374330	51.664	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	471955	49.896	ug/l	100
40) Benzene	8.32	78	963599	48.229	ug/l	99
41) Methacrylonitrile	7.48	41	90672	48.070	ug/l	99
42) 1,2-Dichloroethane	8.40	62	273840	47.295	ug/l	99
43) Isopropyl Acetate	8.42	43	301098	45.496	ug/l	97
44) Trichloroethene	9.09	130	272934	50.235	ug/l	98
45) 1,2-Dichloropropane	9.37	63	233488	46.869	ug/l	100
46) Dibromomethane	9.45	93	121956	47.597	ug/l	98
47) Bromodichloromethane	9.64	83	326566	48.185	ug/l	99
48) Methyl methacrylate	9.43	41	142077	43.905	ug/l	98
49) 1,4-Dioxane	9.44	88	42045	970.784	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	733822	224.440	ug/l	99
52) Toluene	10.38	92	630048	47.771	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	342302	47.466	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	388061	47.417	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	169911	47.808	ug/l	95
56) Ethyl methacrylate	10.65	69	226996	45.582	ug/l	98
57) 1,3-Dichloropropane	10.93	76	300140	47.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	562466	232.461	ug/l	97
59) 2-Hexanone	10.97	43	573568	248.493	ug/l	100
60) Dibromochloromethane	11.13	129	218533	47.848	ug/l	99
61) 1,2-Dibromoethane	11.24	107	166589	47.273	ug/l	100
64) Tetrachloroethene	10.86	164	234832	51.814	ug/l	98
65) Chlorobenzene	11.66	112	678634	49.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	242888	49.681	ug/l	98
67) Ethyl Benzene	11.73	91	1239872	49.363	ug/l	100
68) m/p-Xylenes	11.84	106	961911	98.703	ug/l	97
69) o-Xylene	12.16	106	453454	48.970	ug/l	98
70) Styrene	12.18	104	729490	47.694	ug/l	99
71) Bromoform	12.35	173	134458	48.881	ug/l	99
73) Isopropylbenzene	12.47	105	1267133	49.750	ug/l	99
74) N-amyl acetate	12.27	43	299915	45.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	192825	47.819	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	140185m	47.195	ug/l	
77) Bromobenzene	12.75	156	275324	49.498	ug/l	96
78) n-propylbenzene	12.80	91	1515906	49.554	ug/l	99
79) 2-Chlorotoluene	12.90	91	836592	48.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1050718	49.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	69276	46.065	ug/l	97
82) 4-Chlorotoluene	12.99	91	886336	48.226	ug/l	98
83) tert-Butylbenzene	13.21	119	948819	50.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1064879	49.213	ug/l	99
85) sec-Butylbenzene	13.39	105	1348508	49.843	ug/l	100
86) p-Isopropyltoluene	13.50	119	1197910	50.548	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	559870	49.839	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	549216	49.195	ug/l	99
89) n-Butylbenzene	13.83	91	1150745	49.454	ug/l	99
90) Hexachloroethane	14.10	117	231062	49.856	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	485046	48.798	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	34399	44.960	ug/l	98

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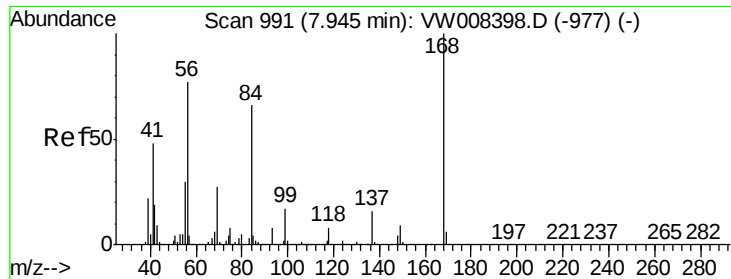
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	353074	49.777	ug/l	99
94) Hexachlorobutadiene	15.24	225	213241	49.884	ug/l	100
95) Naphthalene	15.37	128	609550	48.942	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	296575	49.290	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 505303

Ion Ratio Lower Upper

168 100

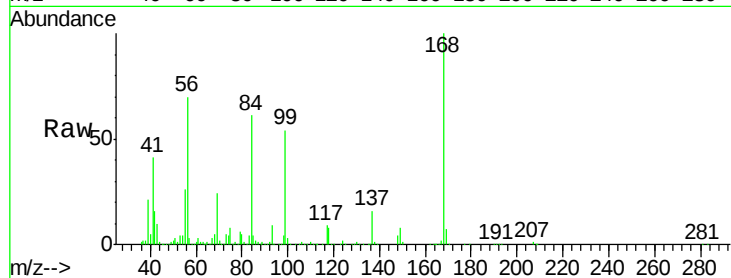
99 53.9 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

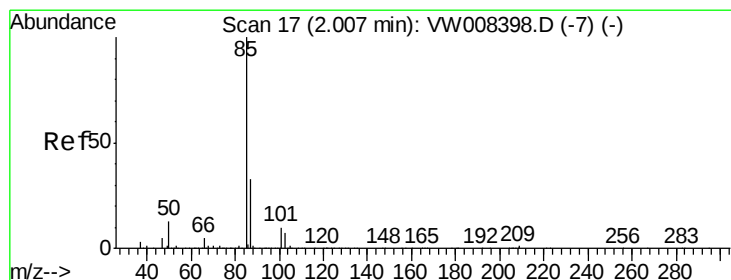
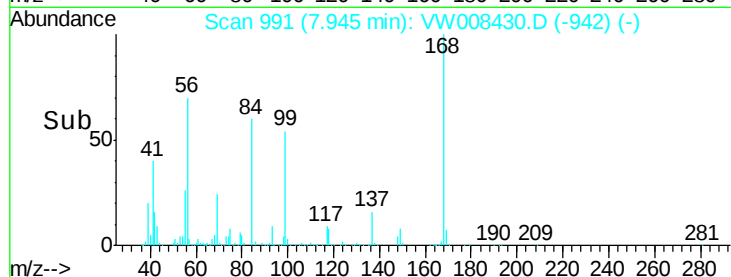
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.146 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008430.D

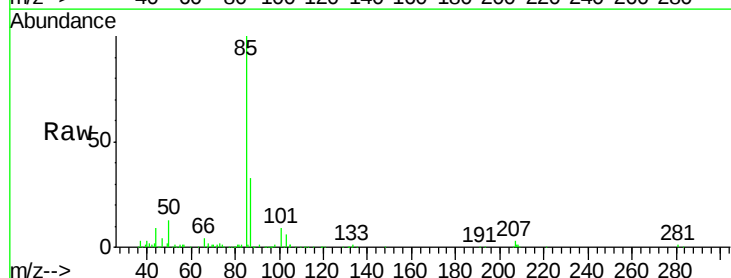
Acq: 28 Jan 2019 10:23

Tgt Ion: 85 Resp: 133967

Ion Ratio Lower Upper

85 100

87 33.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

20000

10000

0

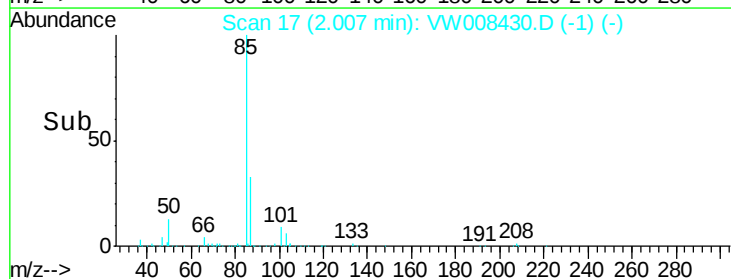
1.90

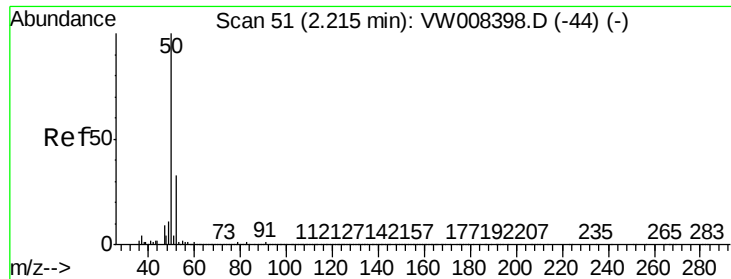
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 43.232 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 178318

Ion Ratio Lower Upper

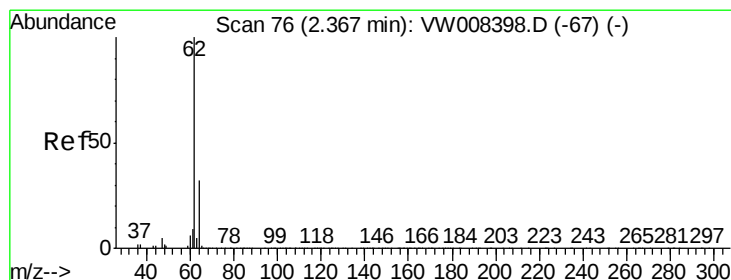
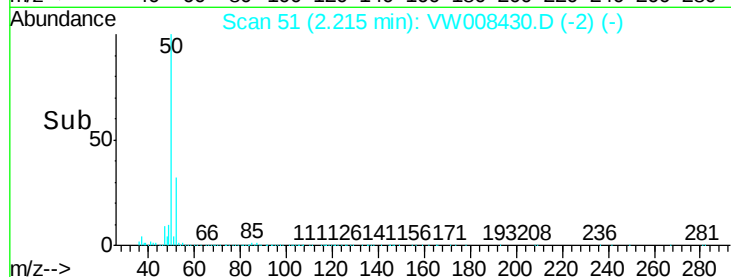
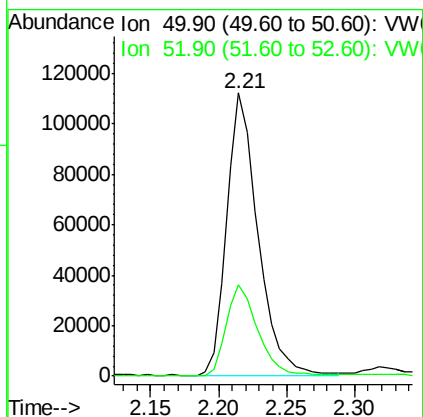
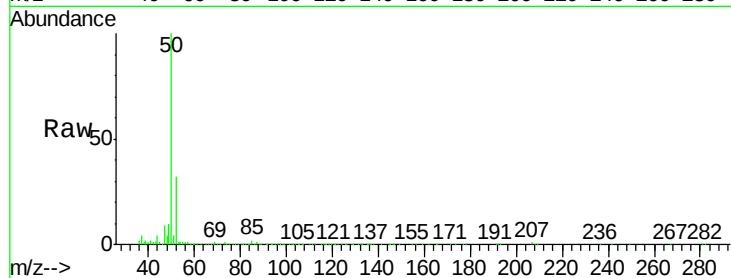
50 100

52 32.2 26.3 39.5

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#4

Vinyl Chloride

Concen: 51.273 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008430.D

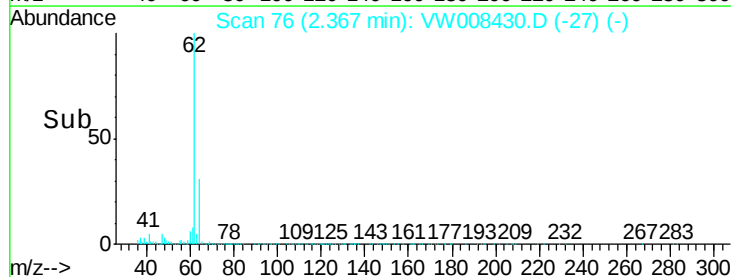
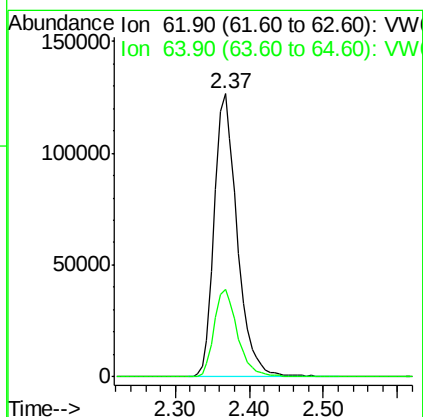
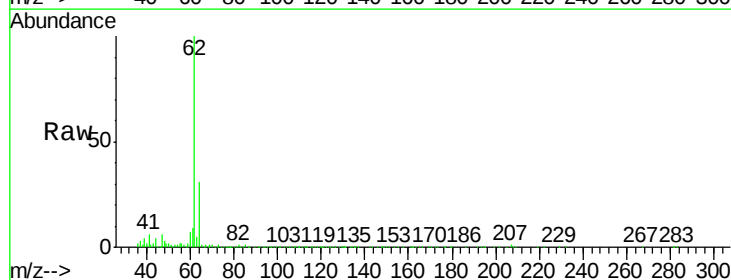
Acq: 28 Jan 2019 10:23

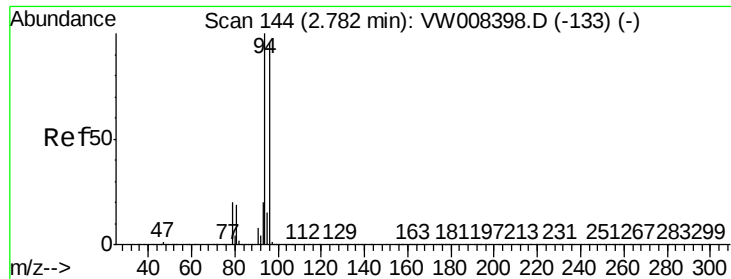
Tgt Ion: 62 Resp: 269216

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 52.383 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 177402

Ion Ratio Lower Upper

94 100

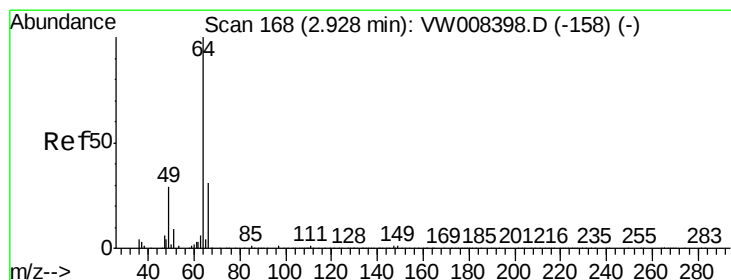
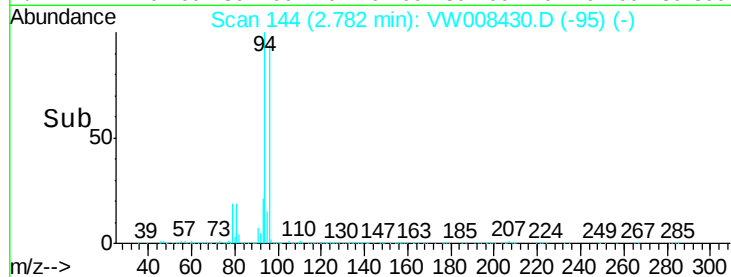
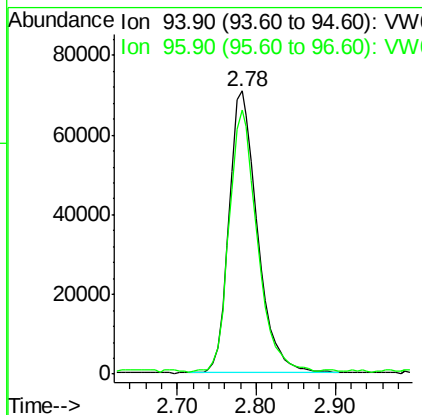
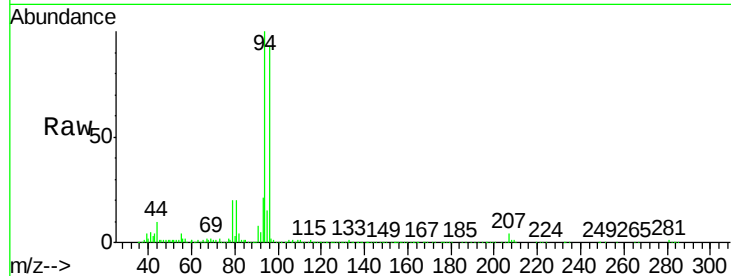
96 92.8 77.2 115.8

Manual Integrations

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#6

Chloroethane

Concen: 52.300 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008430.D

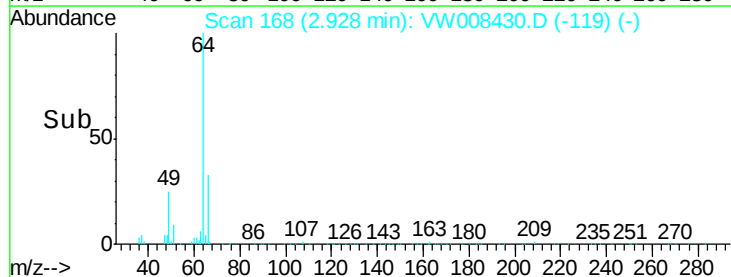
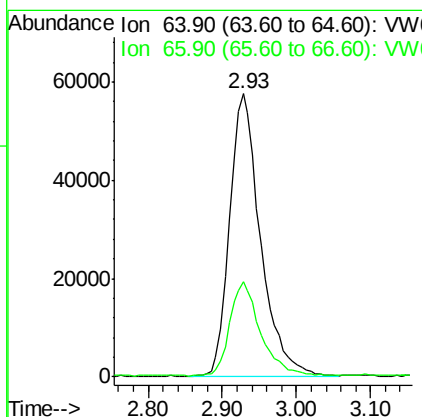
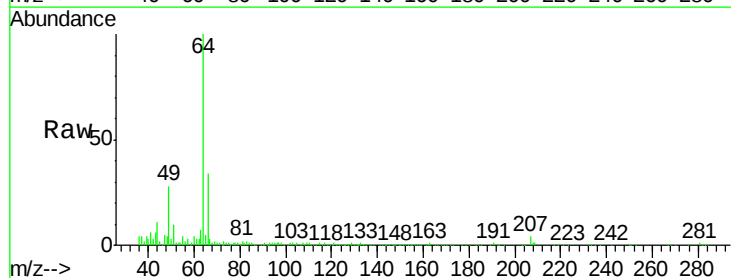
Acq: 28 Jan 2019 10:23

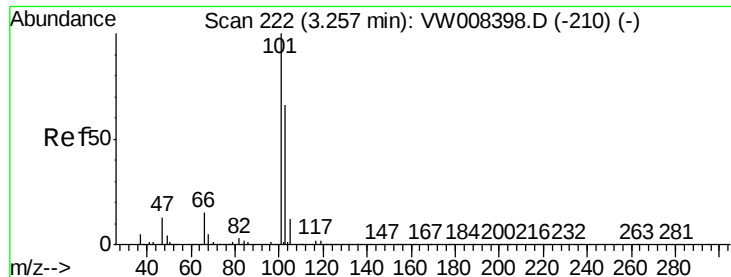
Tgt Ion: 64 Resp: 167941

Ion Ratio Lower Upper

64 100

66 33.5 24.9 37.3





#7

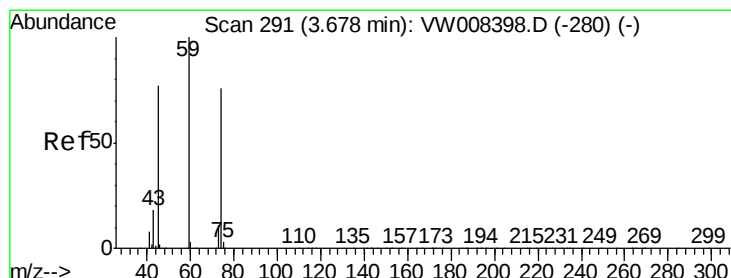
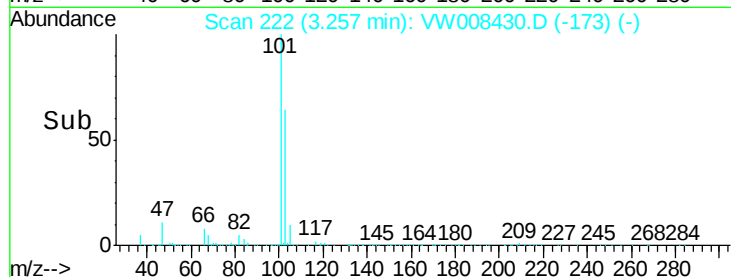
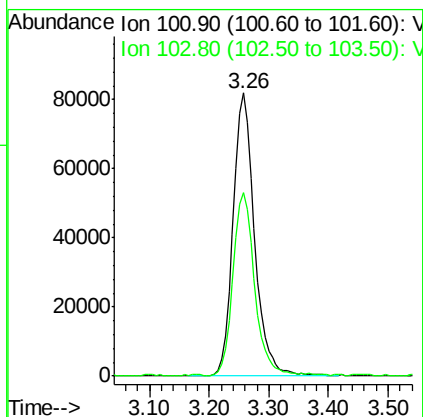
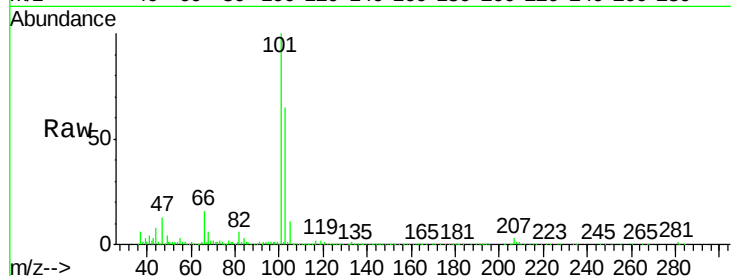
Trichlorofluoromethane
Concen: 45.578 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.5	78.7

Manual Integrations
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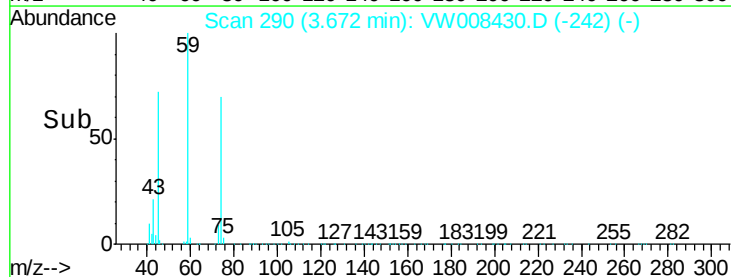
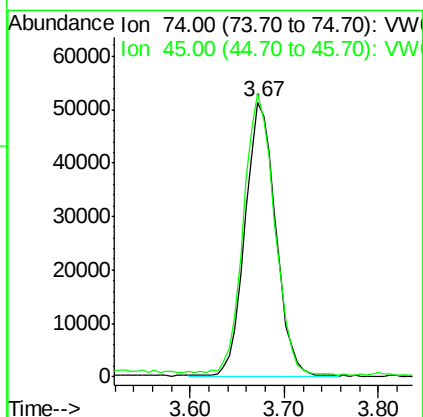
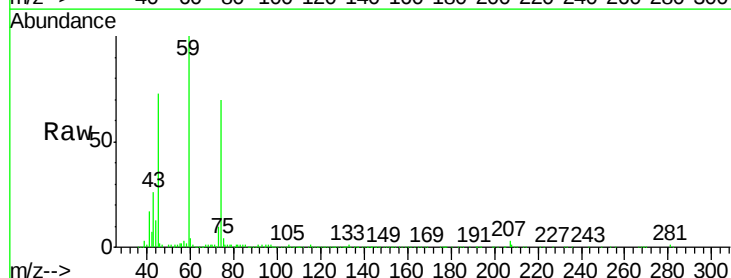
MMDadoda
1/29/2019 12:19:39 PM

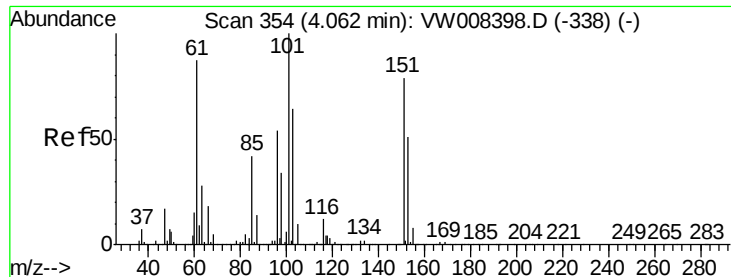


#8

Diethyl Ether
Concen: 46.251 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.096 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

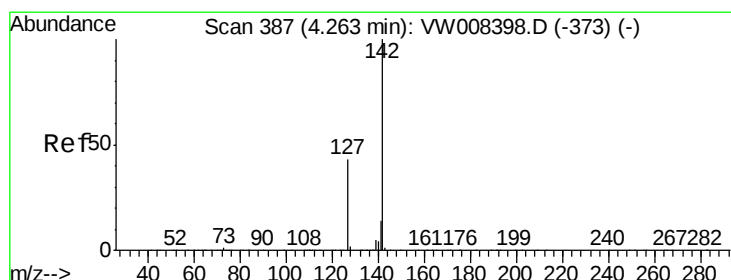
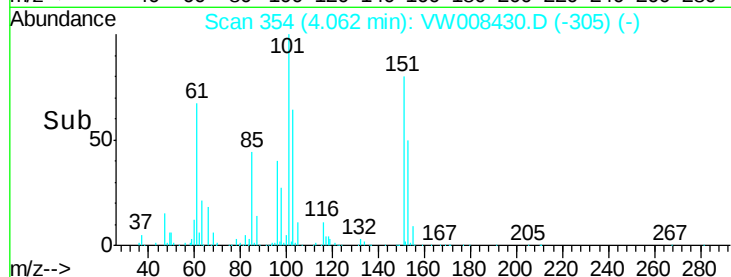
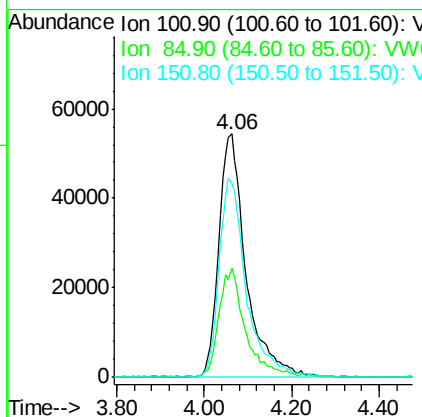
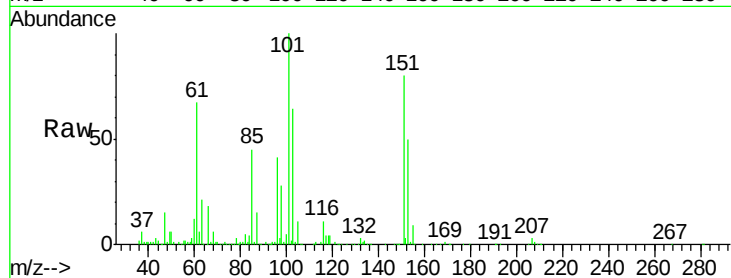
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	233521
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.0	52.4
151	81.9	62.6	94.0

Manual Integrations
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#10

Methyl Iodide

Concen: 51.192 ug/l

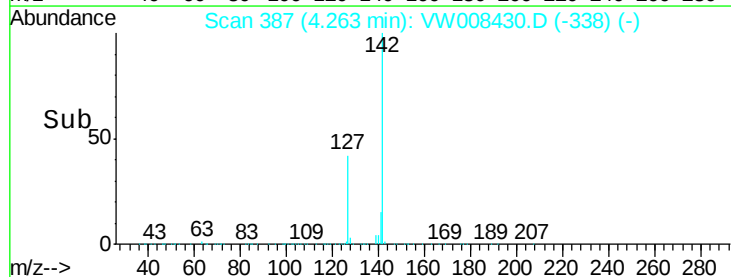
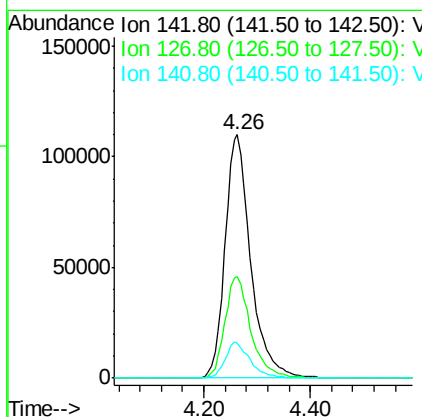
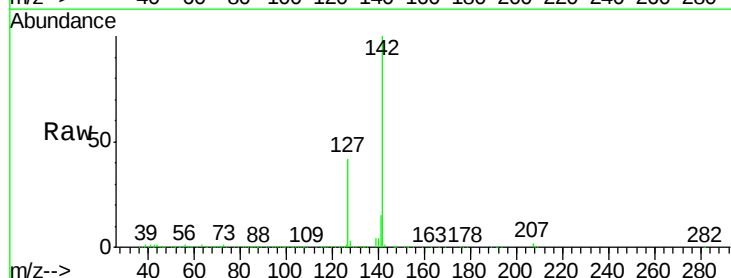
RT: 4.26 min Scan# 387

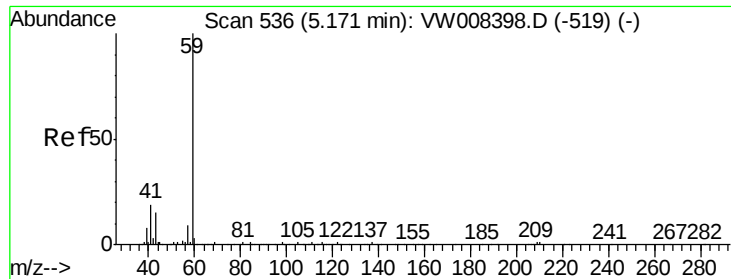
Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	142	Resp:	369544
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.6	52.0
141	14.7	11.4	17.2





#11

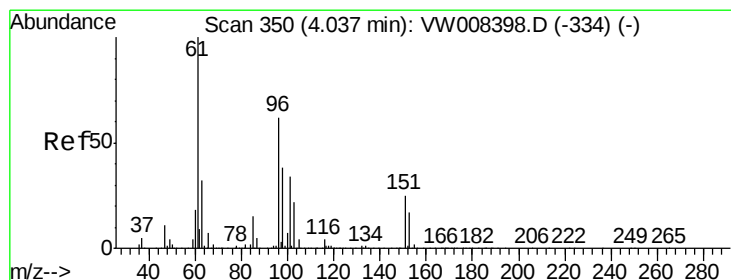
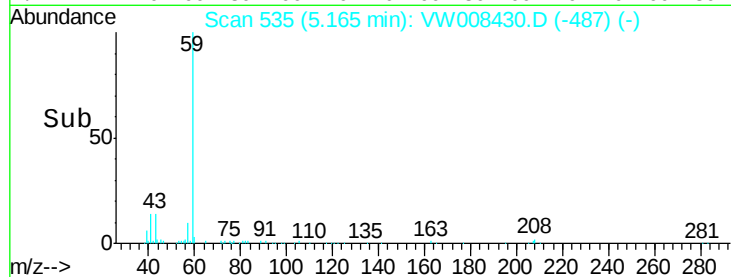
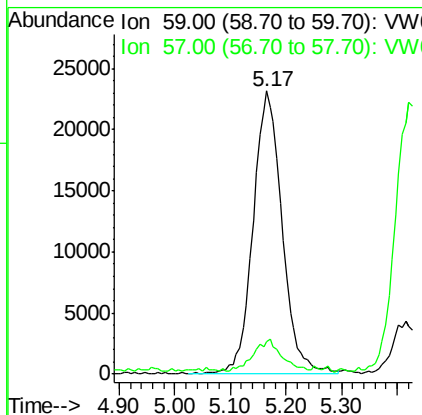
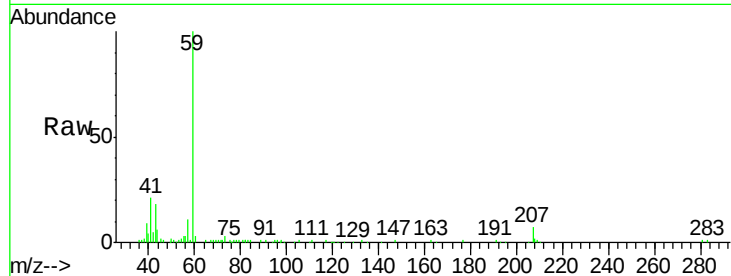
Tert butyl alcohol
Concen: 210.031 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.9	9.3	13.9

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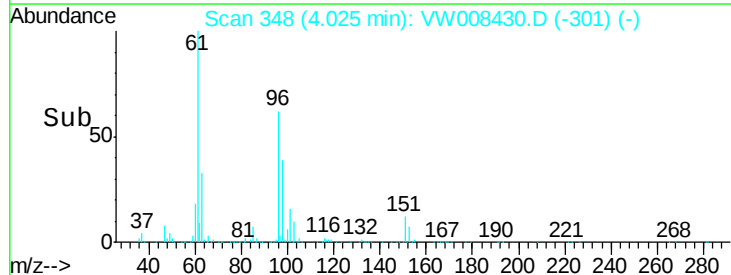
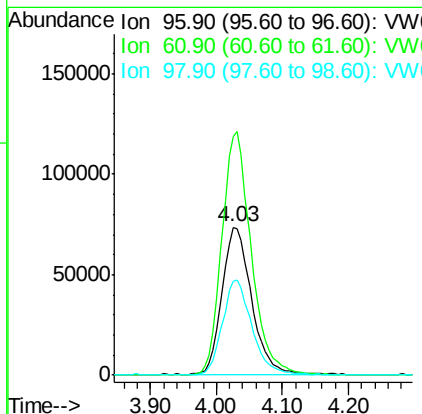
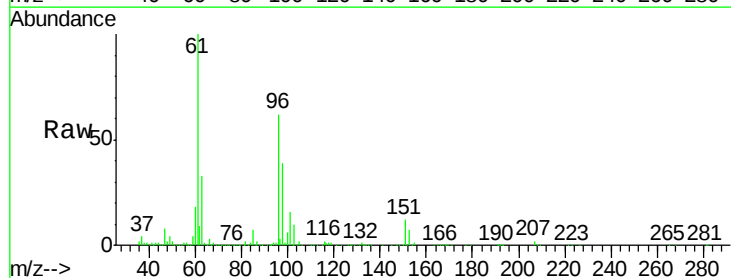
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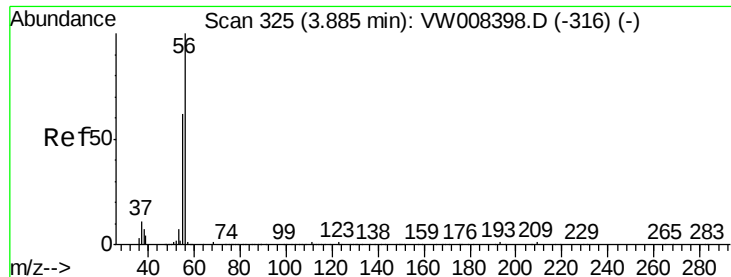


#12

1,1-Dichloroethene
Concen: 49.147 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	161.3	129.5	194.3
98	98	63.0	48.6	73.0





#13

Acrolein

Concen: 219.089 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 77070

Ion Ratio Lower Upper

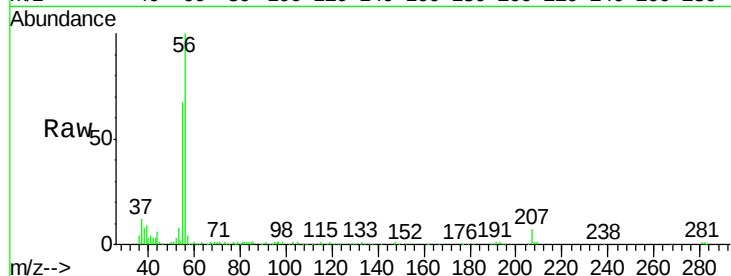
56 100

55 69.7 56.7 85.1

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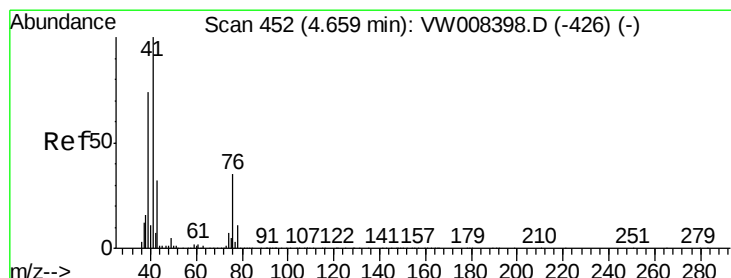
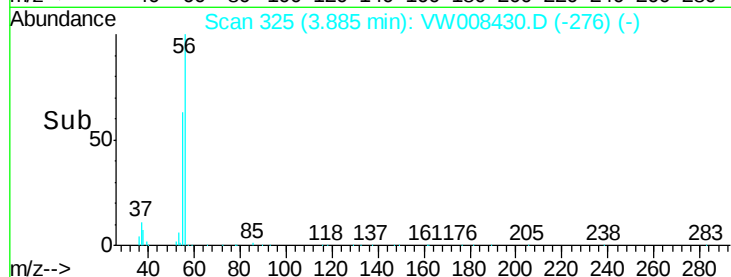
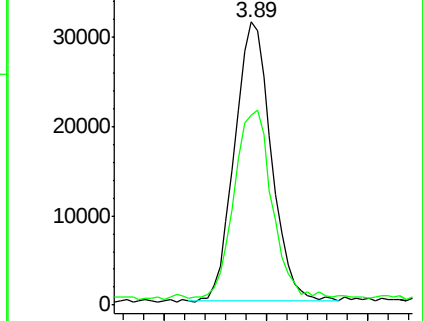
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 45.574 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

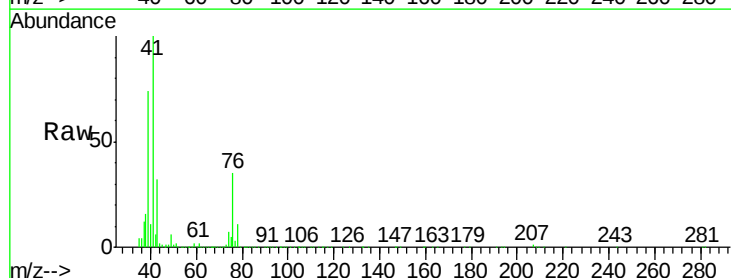
Tgt Ion: 41 Resp: 400259

Ion Ratio Lower Upper

41 100

39 72.1 57.7 86.5

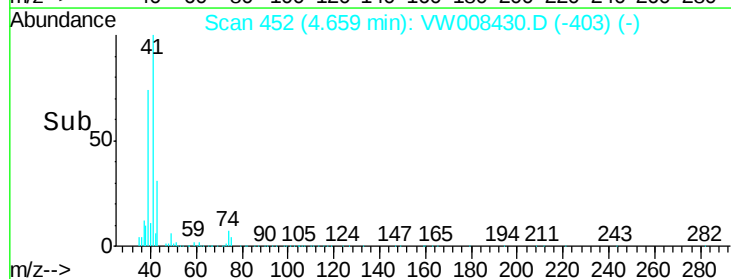
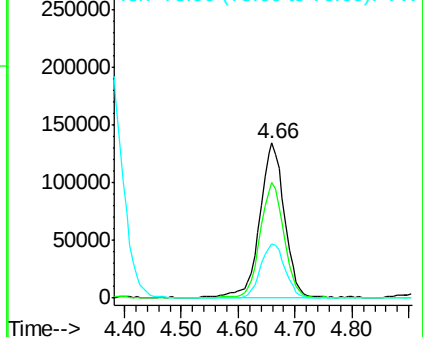
76 35.3 26.9 40.3

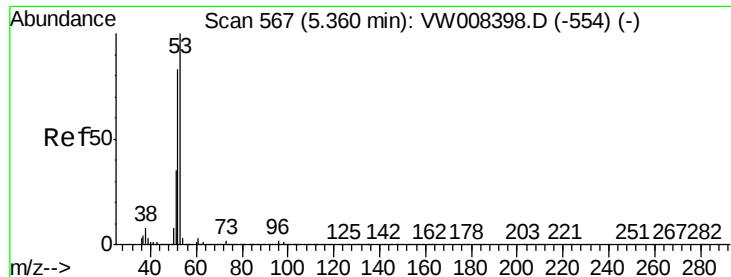


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 222.076 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

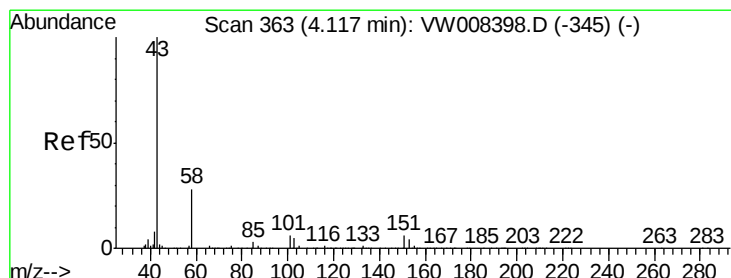
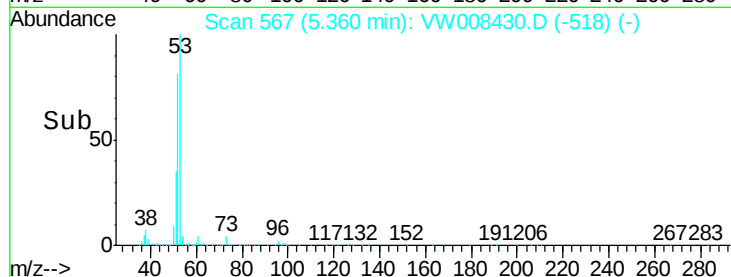
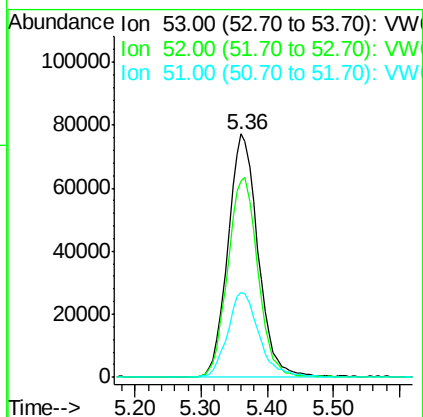
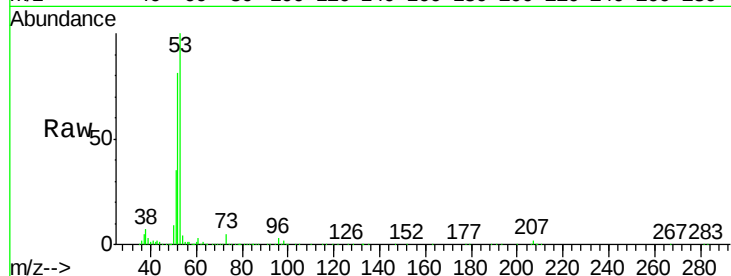
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	241648
Ion Ratio		Lower	Upper
53	100		
52	82.4	67.0	100.4
51	36.4	29.8	44.8

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#16

Acetone

Concen: 269.209 ug/l

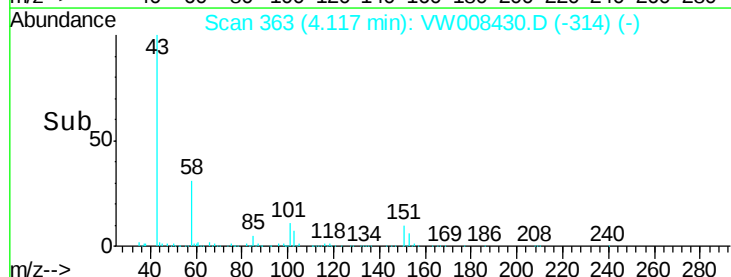
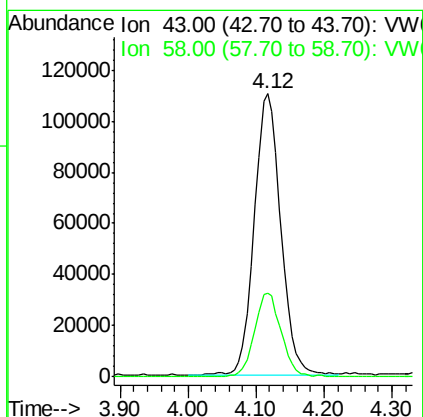
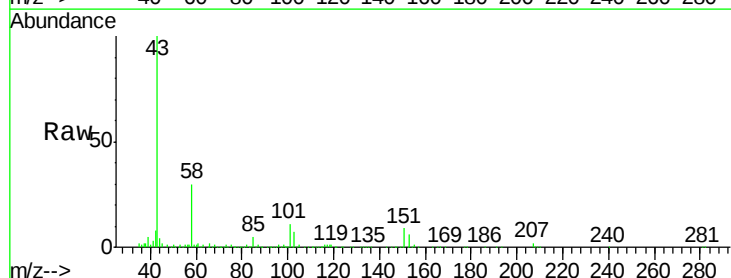
RT: 4.12 min Scan# 363

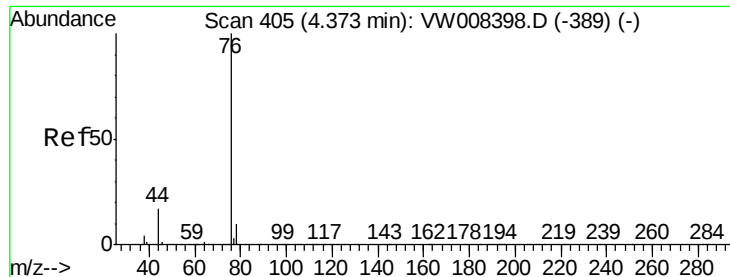
Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	43	Resp:	300106
Ion Ratio		Lower	Upper
43	100		
58	29.7	22.6	34.0





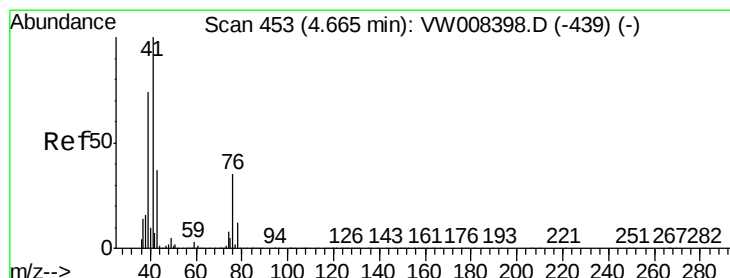
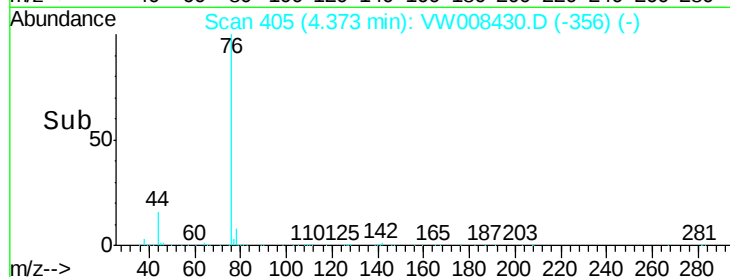
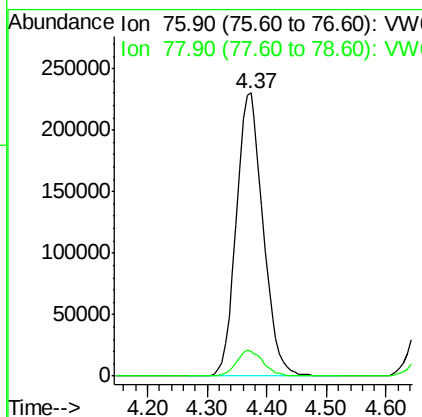
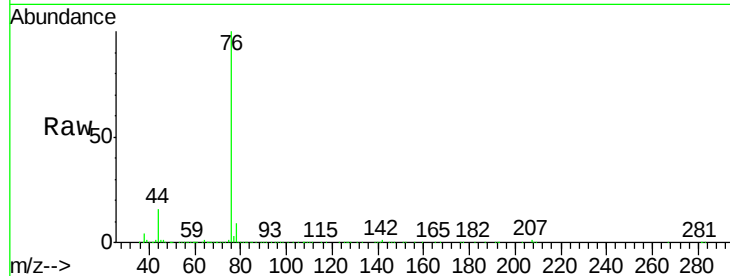
#17
Carbon Disulfide
Concen: 48.719 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.7	11.5

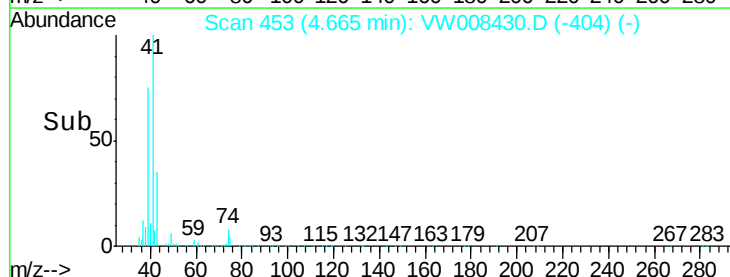
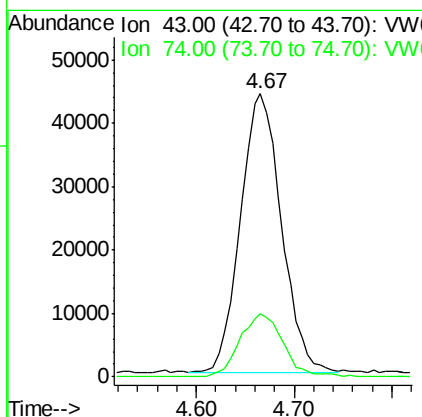
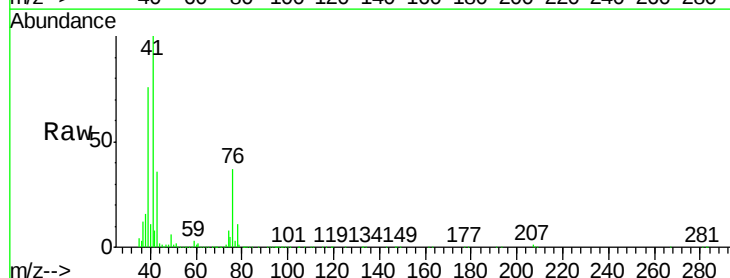
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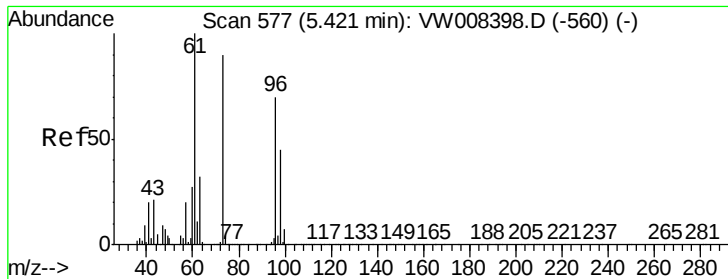
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#18
Methyl Acetate
Concen: 42.845 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	17.5	26.3





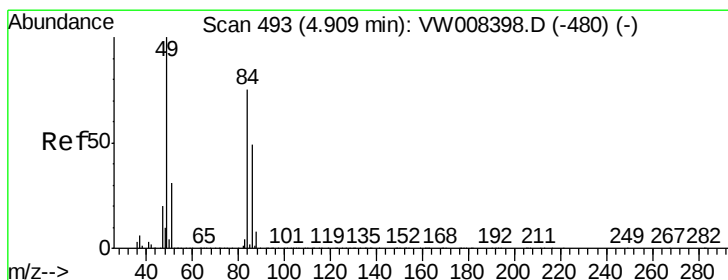
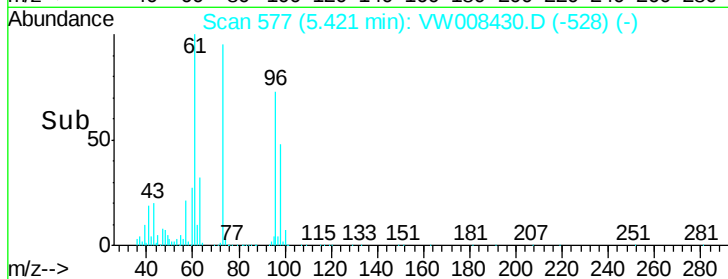
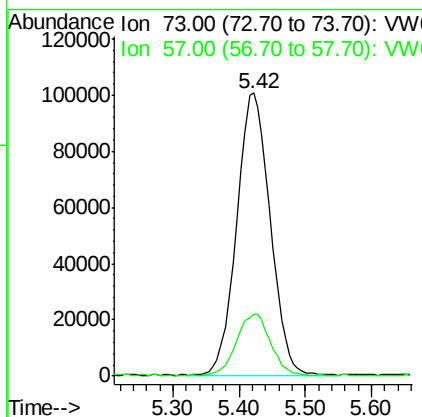
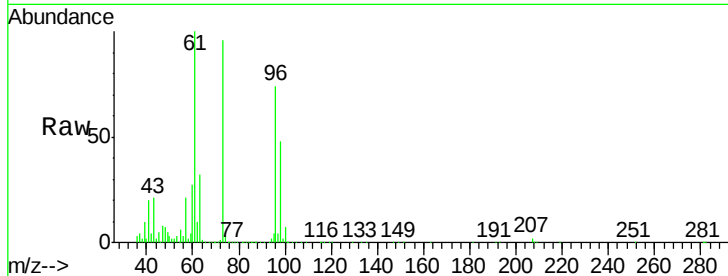
#19
Methvl tert-butvl Ether
Concen: 46.124 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0

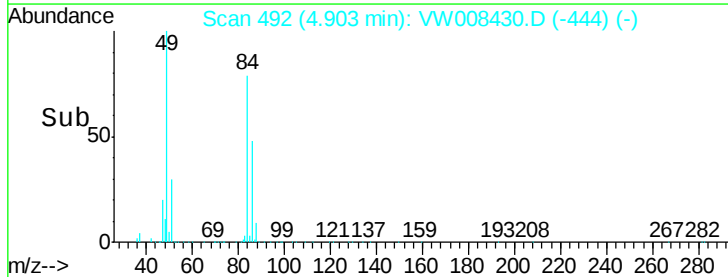
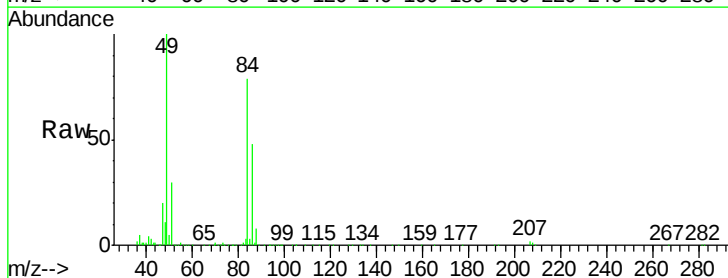
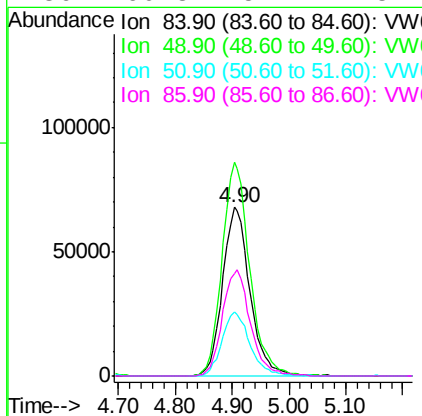
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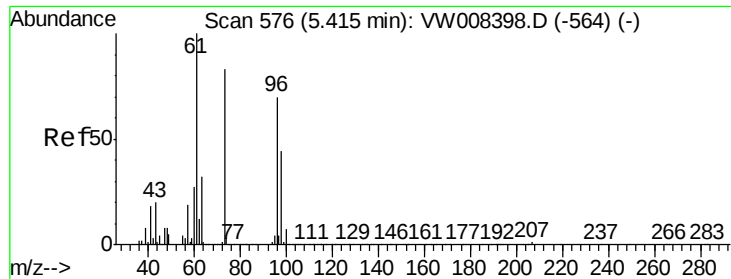
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#20
Methylene Chloride
Concen: 43.990 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.9	106.8	160.2
51	38.1	32.9	49.3
86	60.8	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 46.986 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

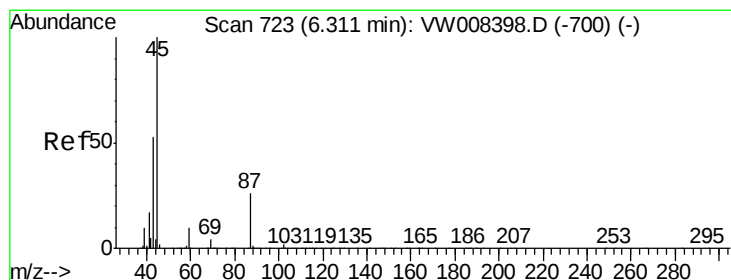
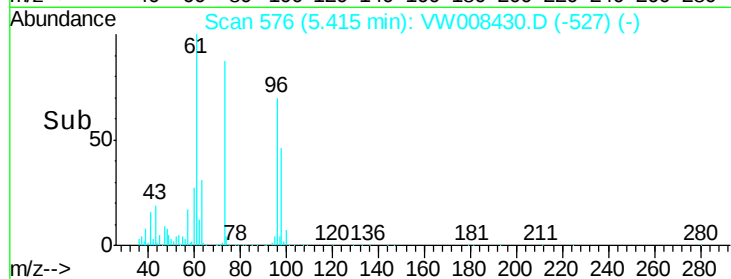
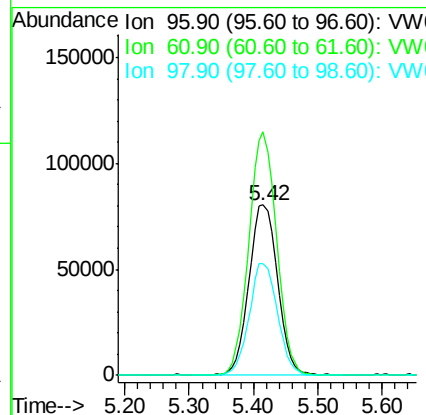
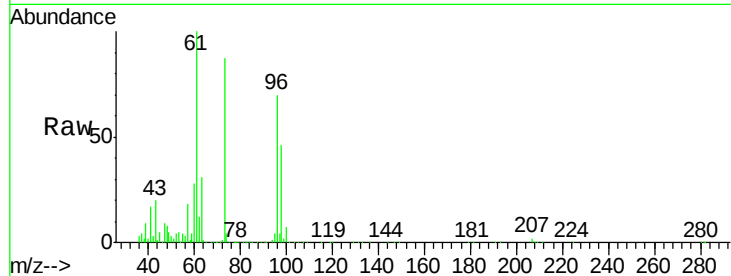
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	244318
Ion	Ratio	Lower	Upper
96	100		
61	143.3	114.4	171.6
98	65.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 43.629 ug/l

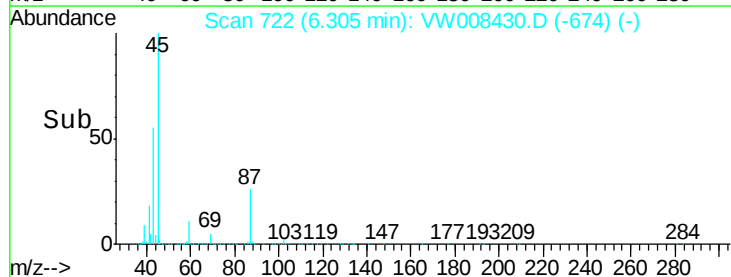
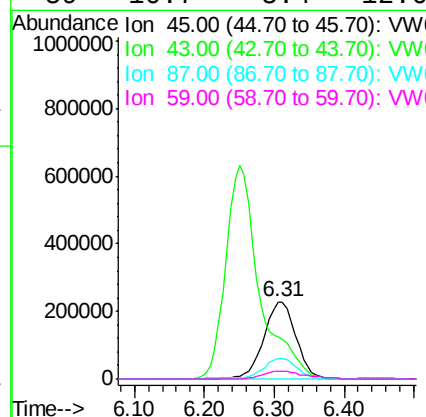
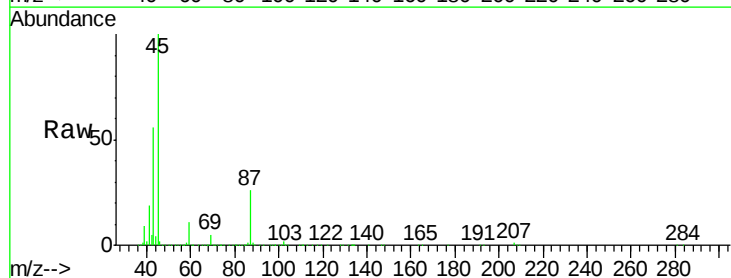
RT: 6.31 min Scan# 722

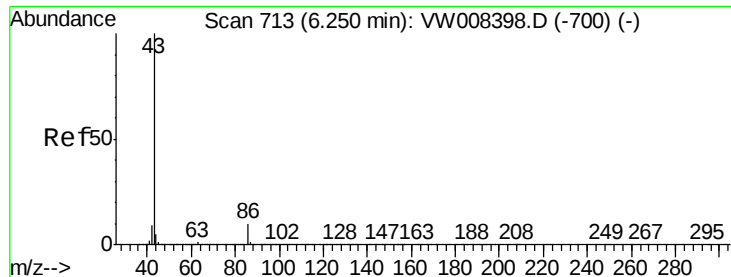
Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	45	Resp:	726221
Ion	Ratio	Lower	Upper
45	100		
43	55.1	42.6	63.8
87	26.1	20.3	30.5
59	10.7	8.4	12.6





#23

Vinyl Acetate

Concen: 215.685 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2119899

Ion Ratio Lower Upper

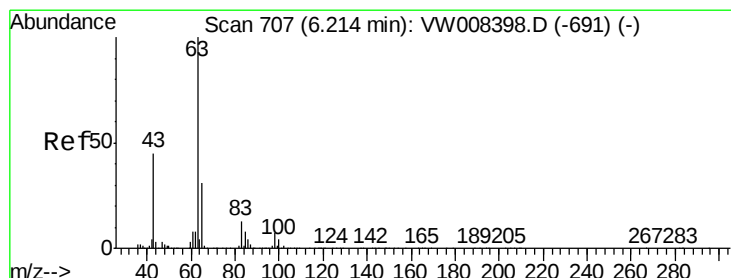
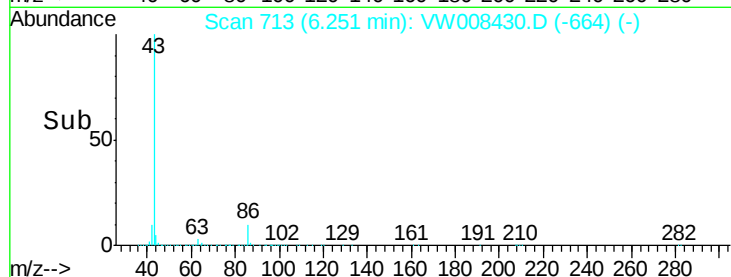
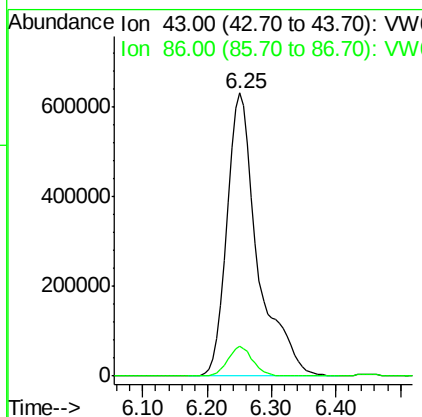
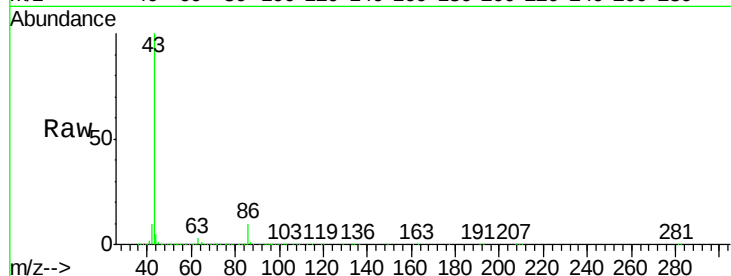
43 100

86 10.4 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 45.683 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

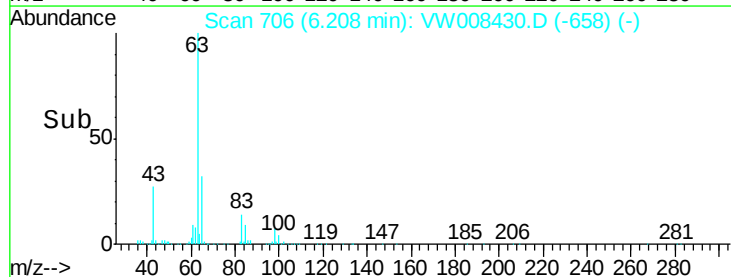
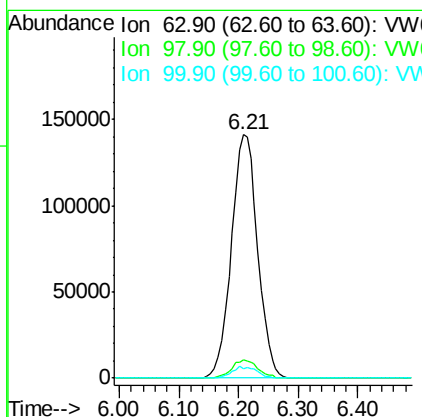
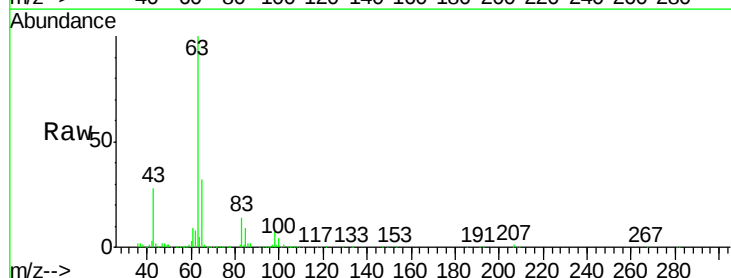
Tgt Ion: 63 Resp: 430420

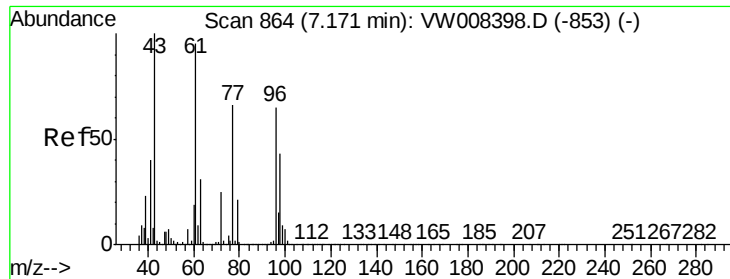
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 235.264 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 364281

Ion Ratio Lower Upper

43 100

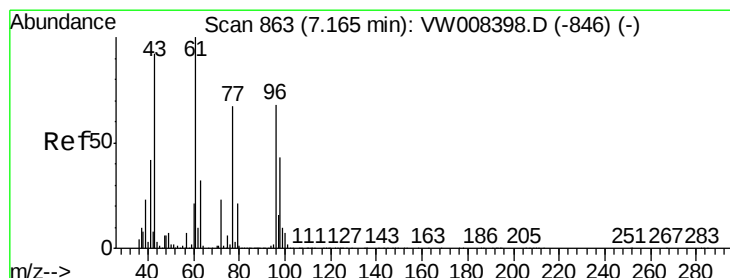
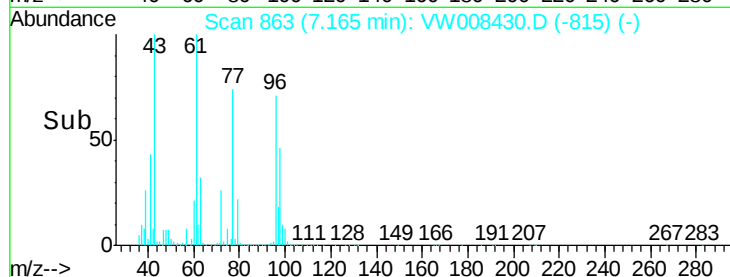
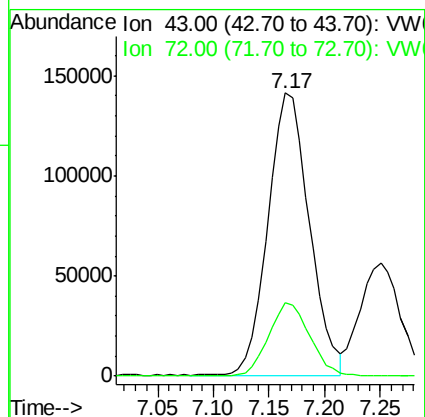
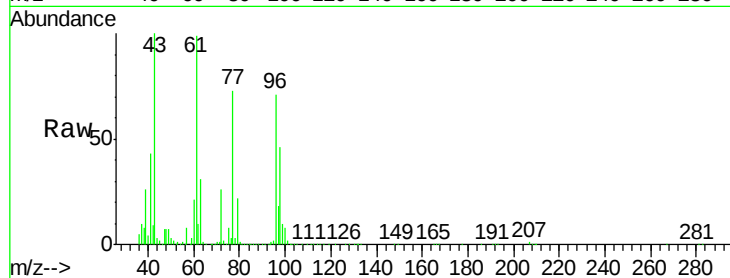
72 26.2 20.1 30.1

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#26

2,2-Dichloropropane

Concen: 47.933 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008430.D

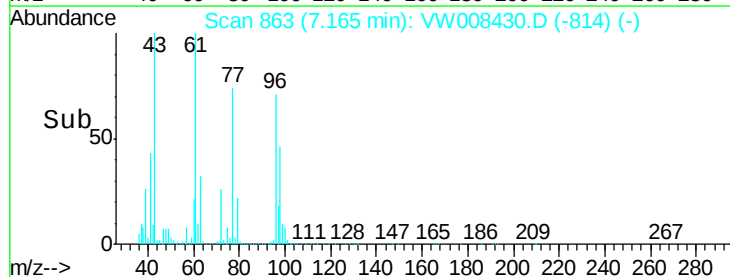
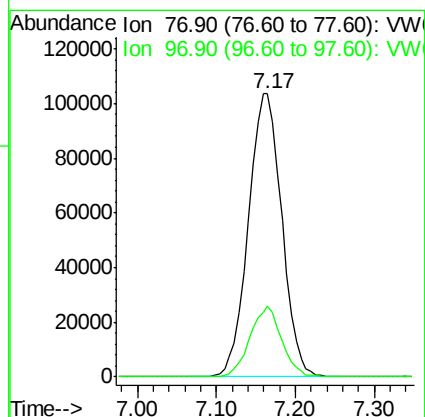
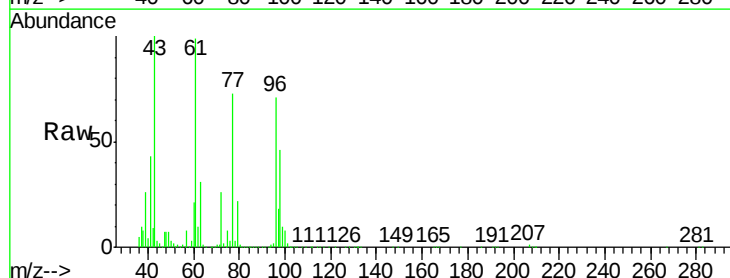
Acq: 28 Jan 2019 10:23

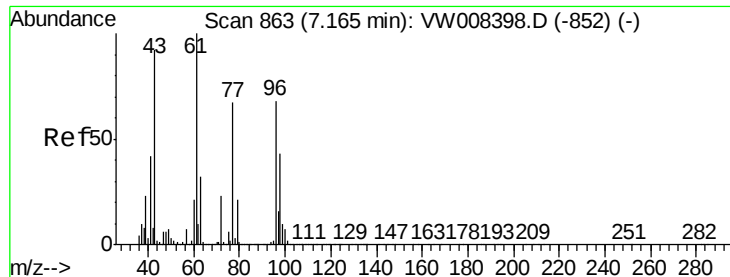
Tgt Ion: 77 Resp: 305266

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.5





#27

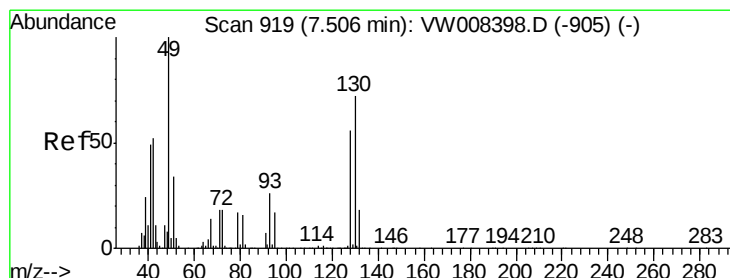
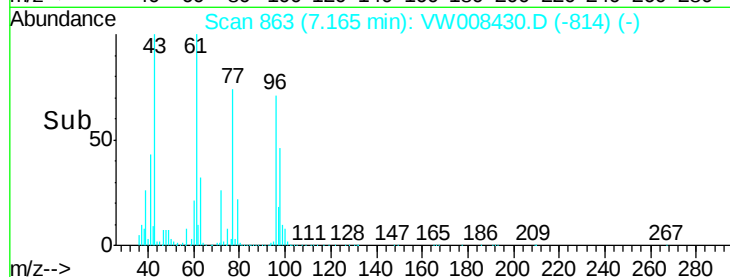
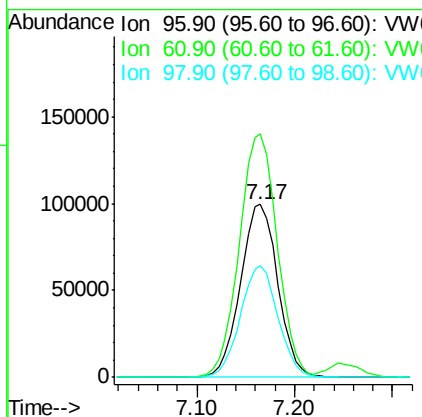
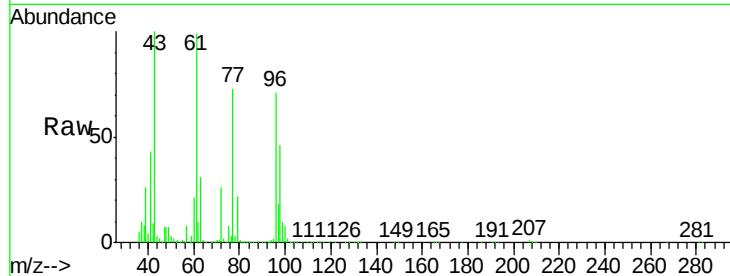
cis-1,2-Dichloroethene
Concen: 46.104 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	261270		
61	144.6	0.0	292.8	
98	65.2	0.0	129.2	

Manual Integrations
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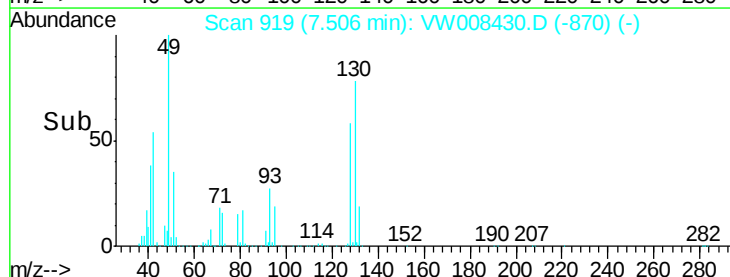
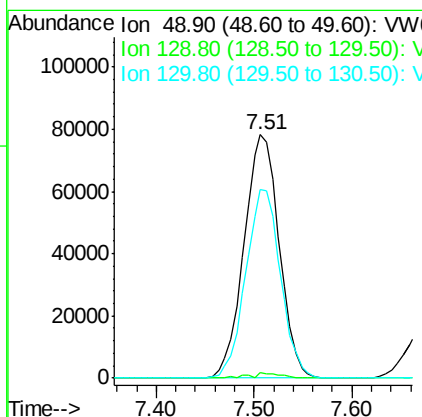
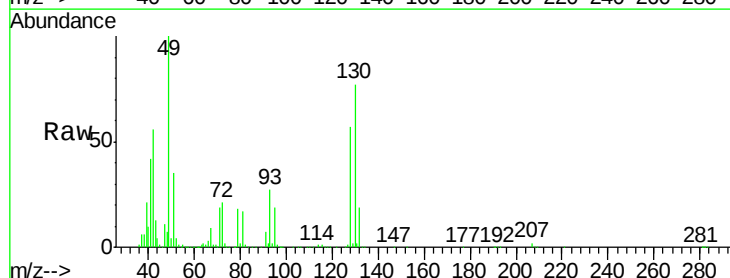
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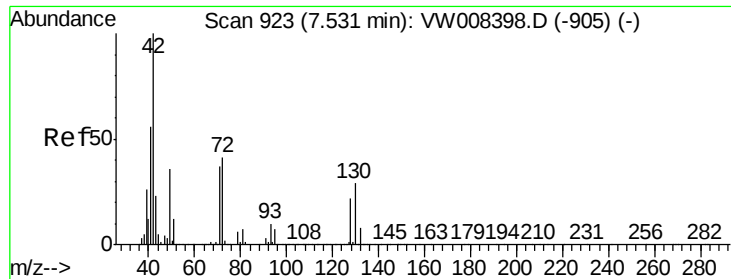


#28

Bromochloromethane
Concen: 45.207 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	195635		
129	1.4	0.0	4.6	
130	77.0	58.6	87.8	





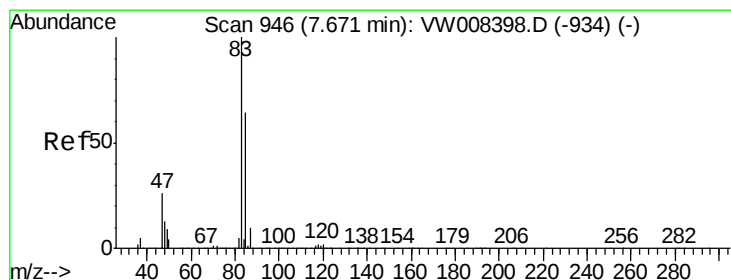
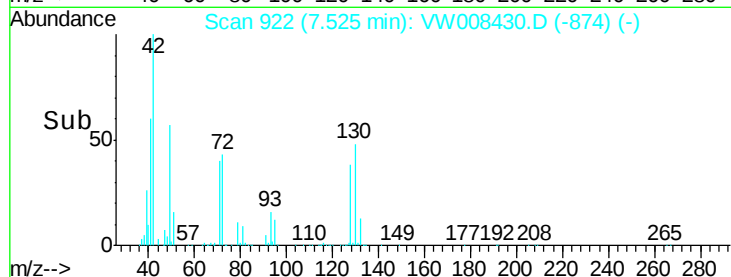
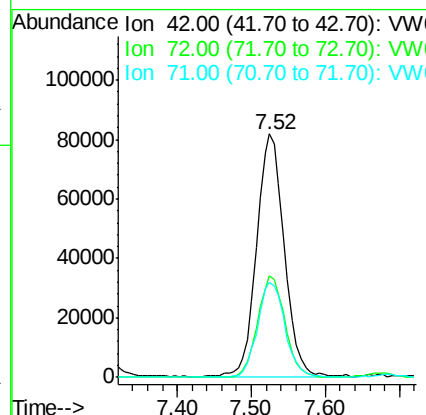
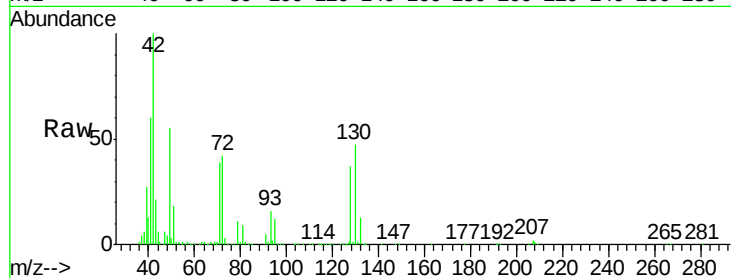
#29
Tetrahydrofuran
Concen: 216.030 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	31.9	47.9
71	38.8	29.9	44.9

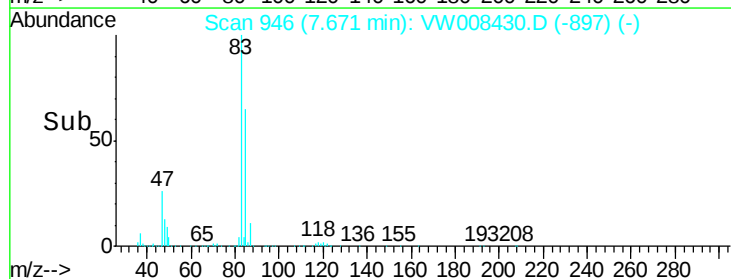
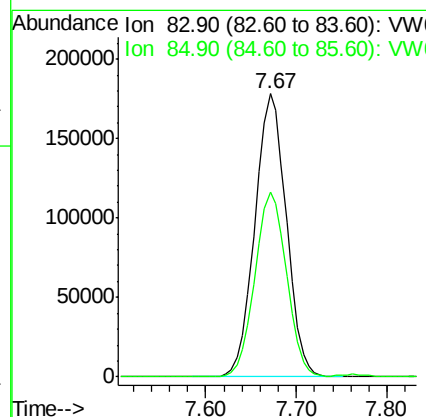
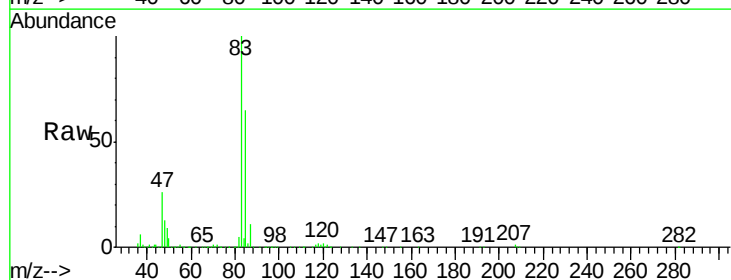
Manual Integrations
APPROVED

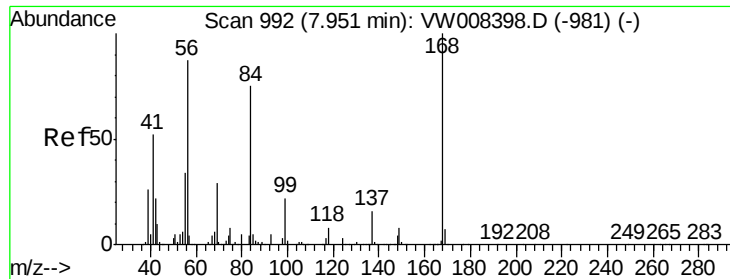
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#30
Chloroform
Concen: 45.972 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3





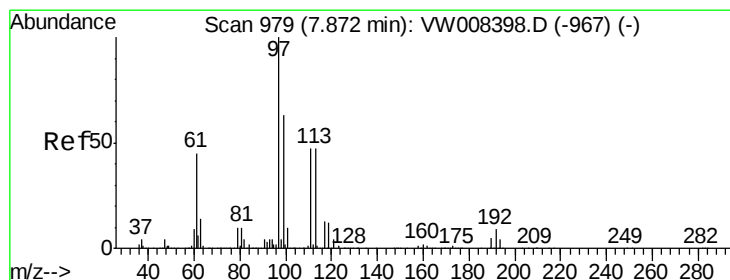
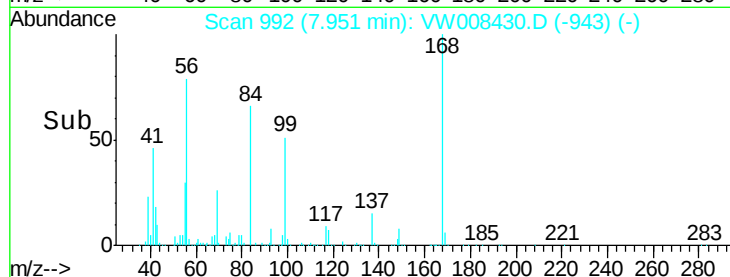
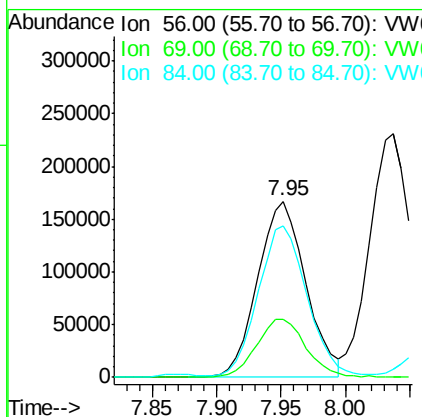
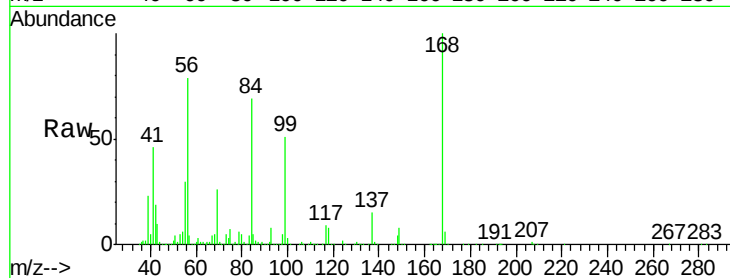
#31
Cvclohexane
Concen: 44.202 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.4	39.6
84	85.1	69.1	103.7

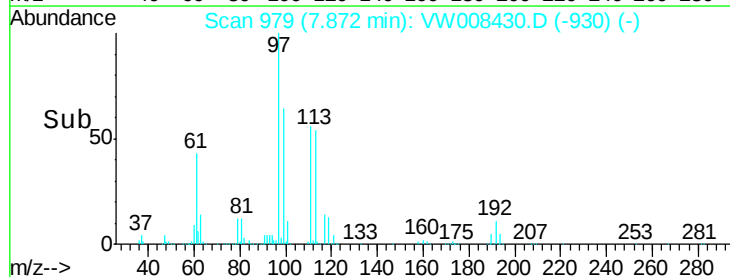
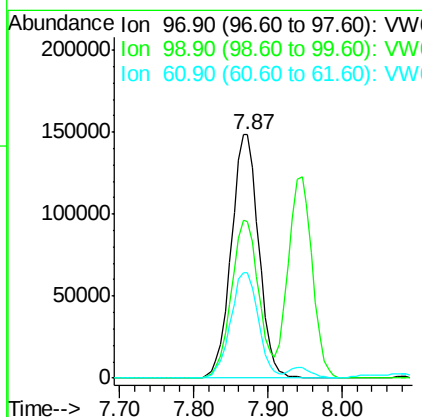
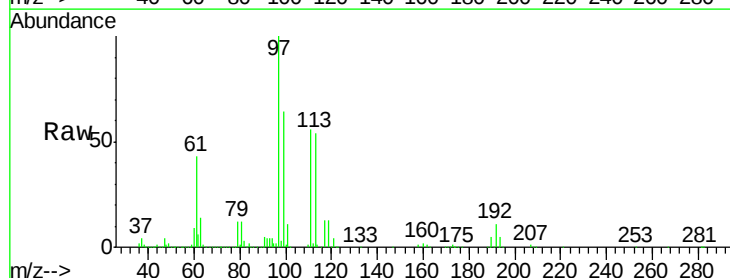
Manual Integrations
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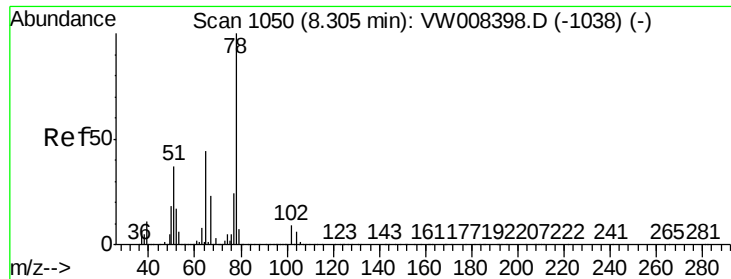
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#32
1,1,1-Trichloroethane
Concen: 47.790 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	43.9	36.2	54.4





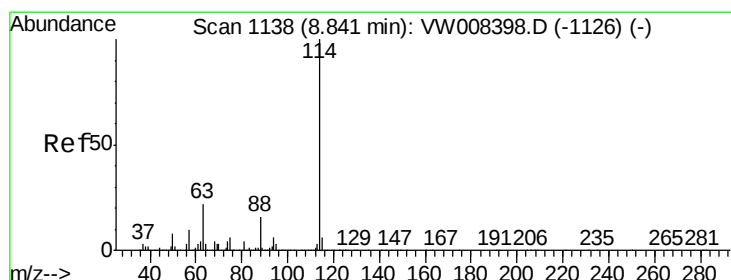
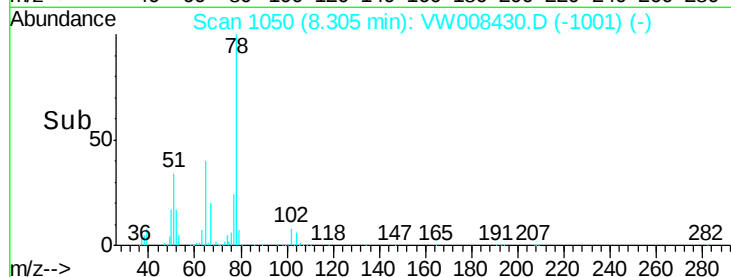
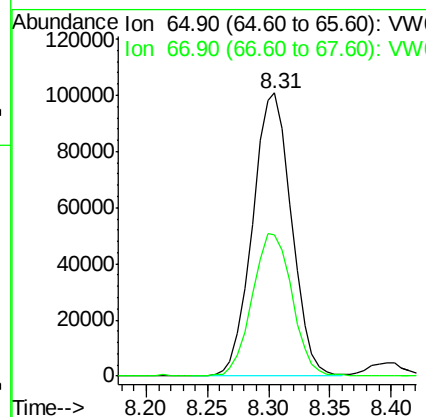
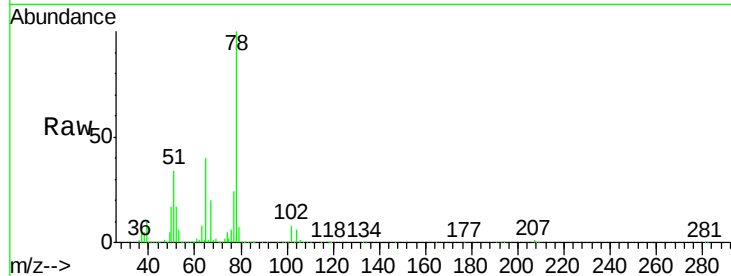
#33
 1,2-Dichloroethane-d4
 Concen: 44.879 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222785		
67	51.9	0.0	104.0	

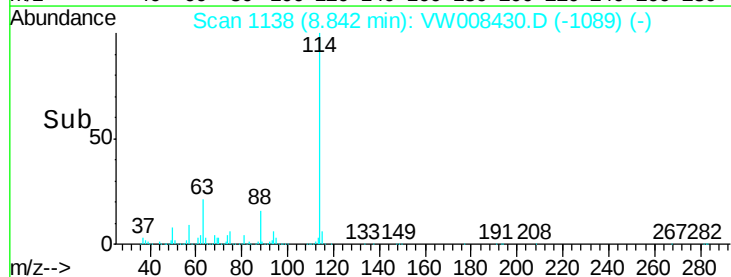
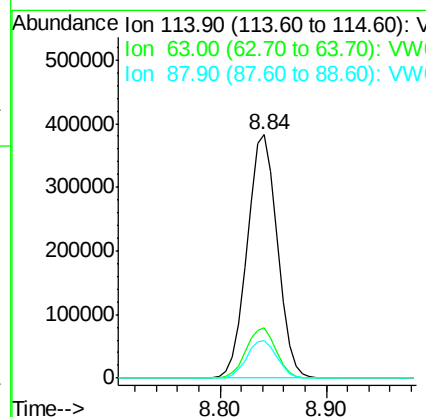
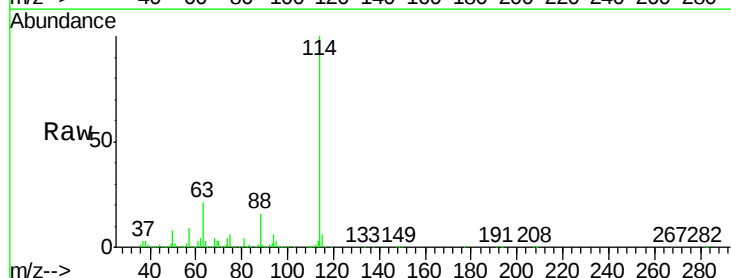
Manual Integrations
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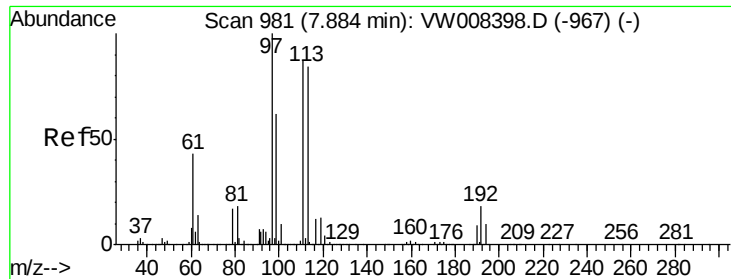
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	762242		
63	20.6	0.0	43.6	
88	15.6	0.0	31.8	





#35

Dibromofluoromethane

Concen: 48.960 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

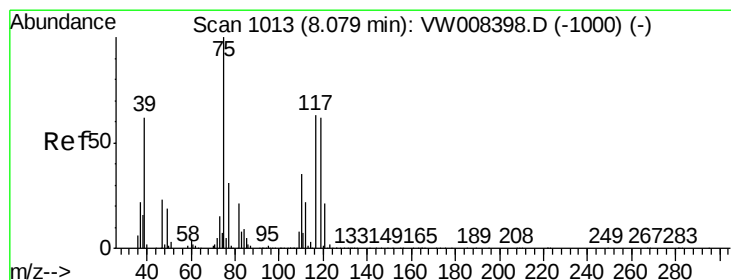
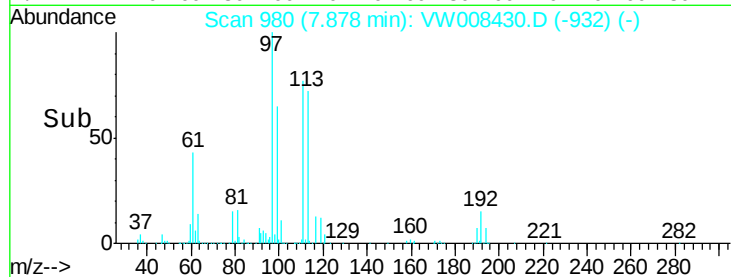
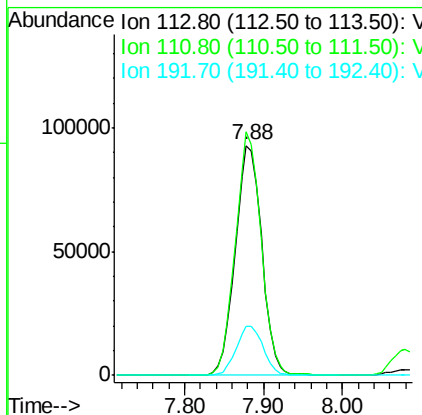
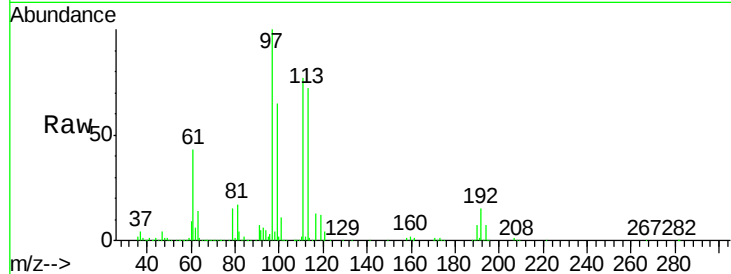
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	218221
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.0	121.4
192	21.7	16.8	25.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.566 ug/l

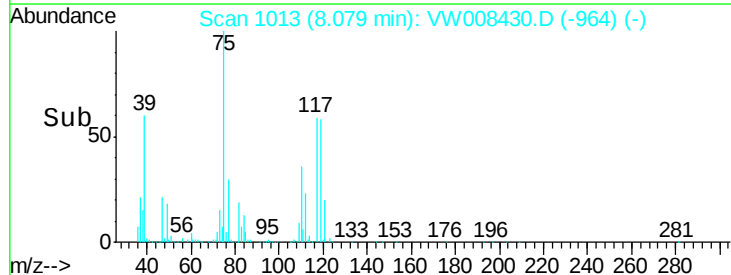
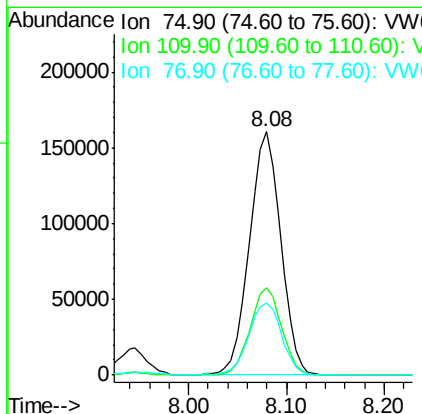
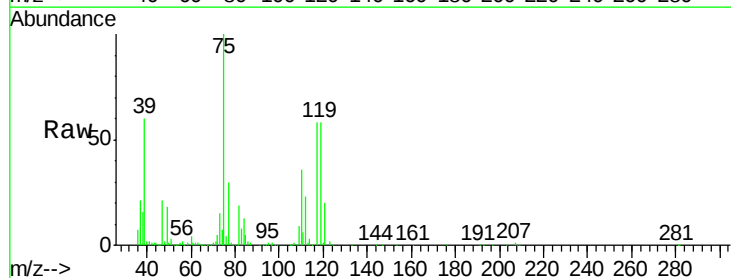
RT: 8.08 min Scan# 1013

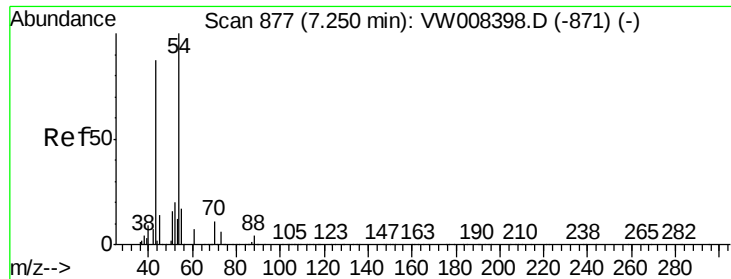
Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	75	Resp:	356886
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.3	52.0
77	31.0	24.7	37.1





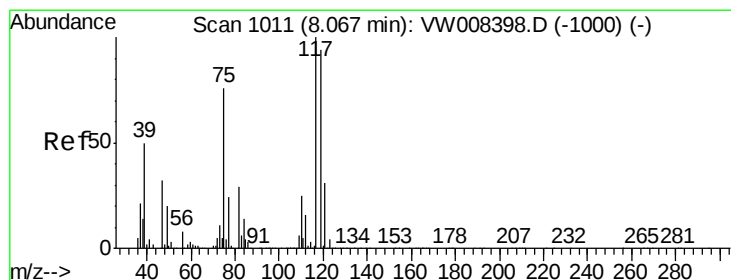
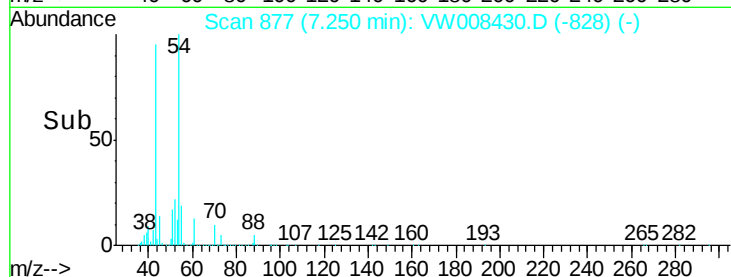
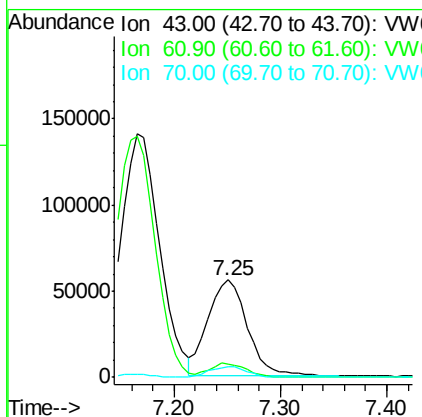
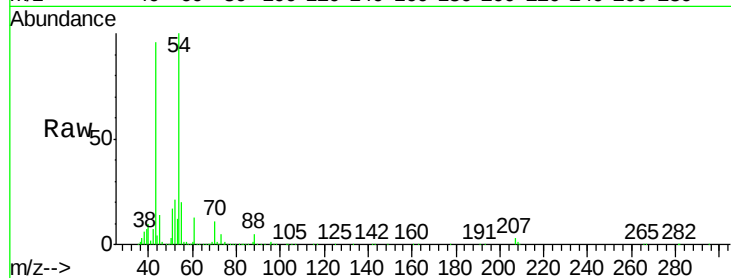
#37
Ethyl Acetate
Concen: 45.263 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.1	15.1
70	10.7	7.8	11.6

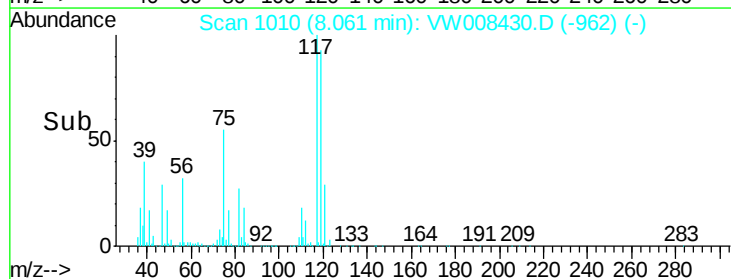
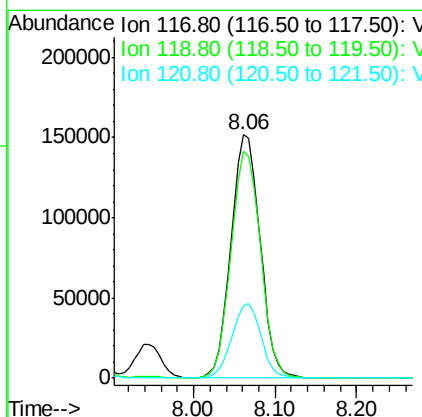
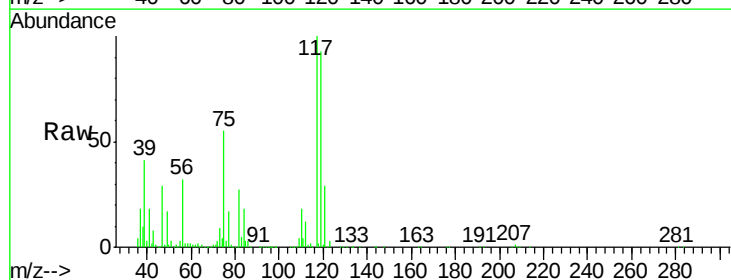
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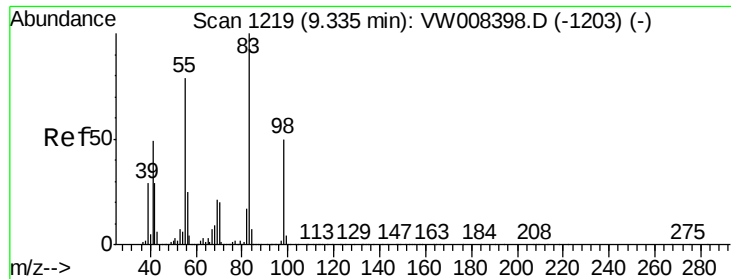
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#38
Carbon Tetrachloride
Concen: 51.664 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.0	112.4
121	29.4	24.9	37.3





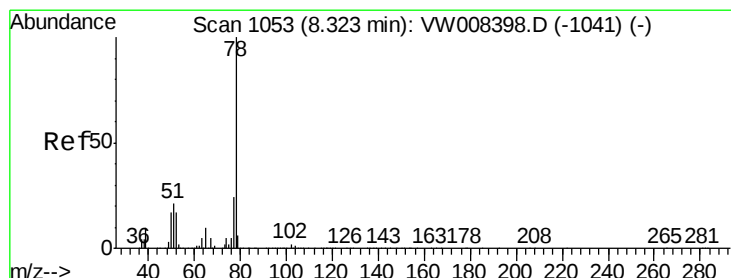
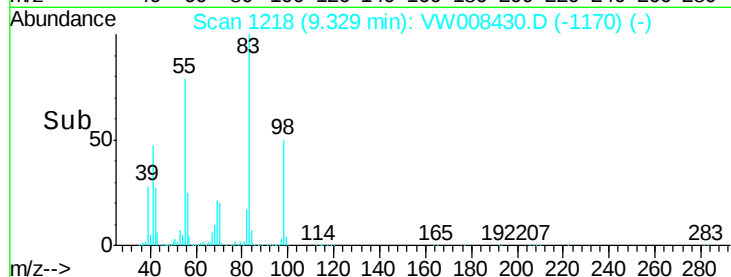
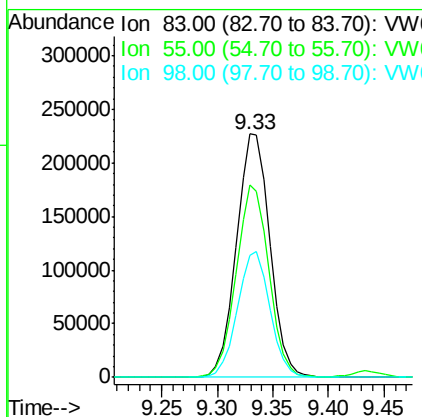
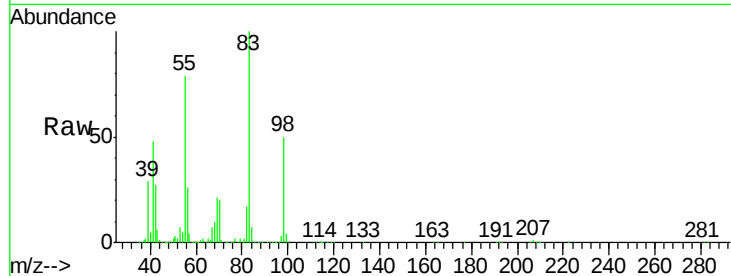
#39
Methvlcvclohexane
Concen: 49.896 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.3	94.9
98	50.1	39.7	59.5

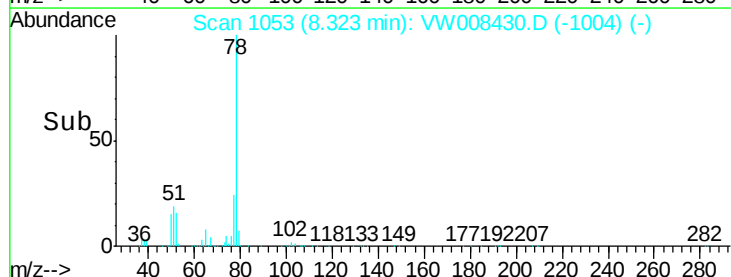
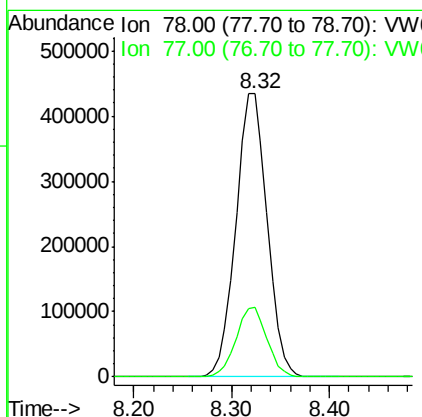
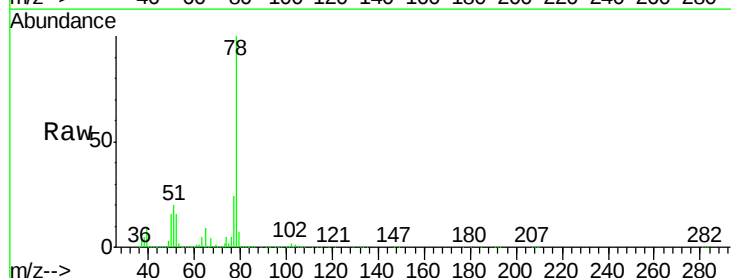
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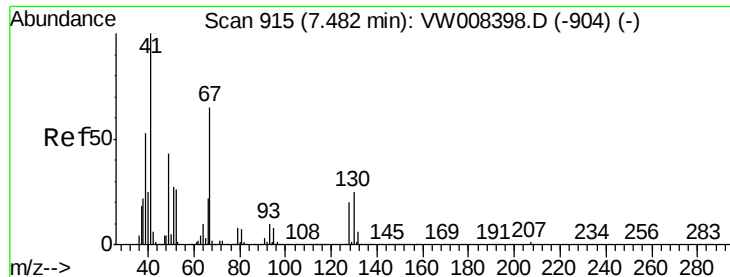
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#40
Benzene
Concen: 48.229 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





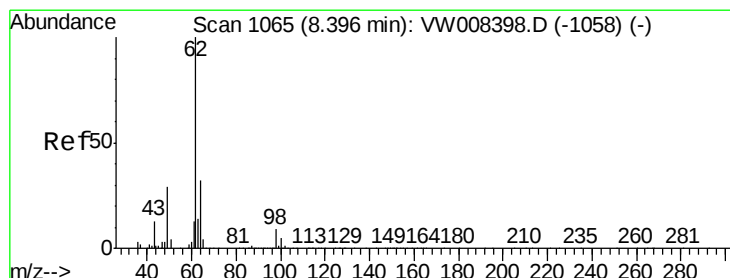
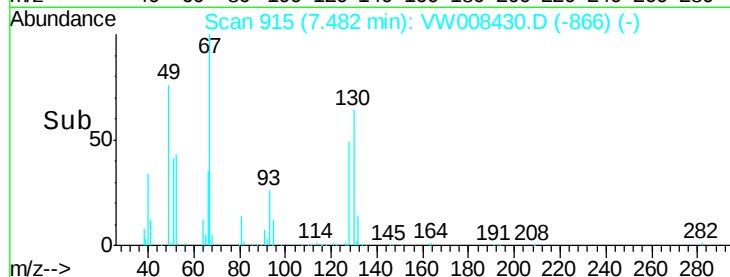
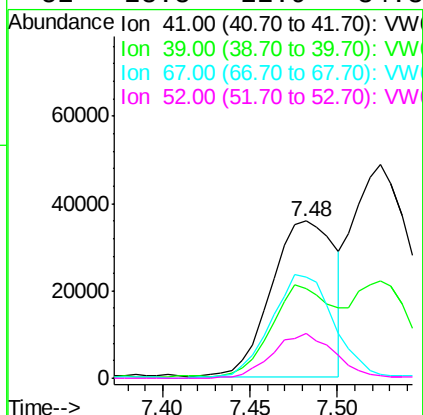
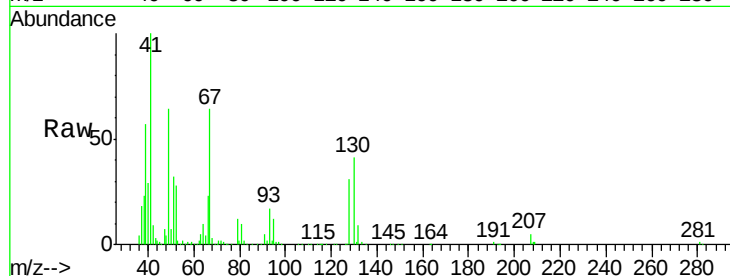
#41
Methacrylonitrile
Concen: 48.070 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.4	65.0	
67	66.0	54.2	81.2	
52	28.8	22.9	34.3	

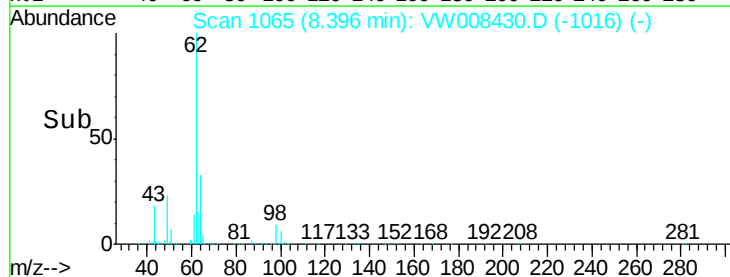
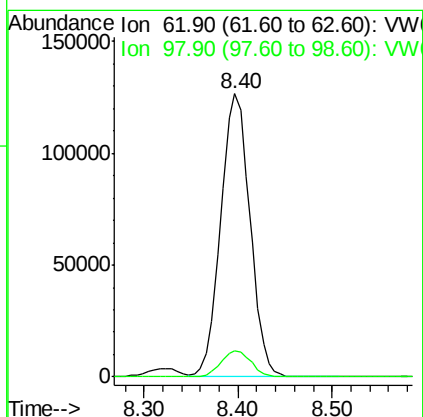
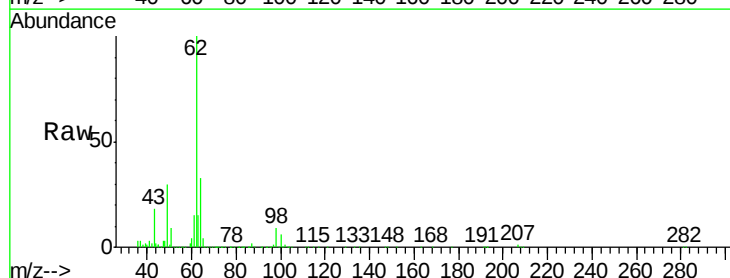
Manual Integrations
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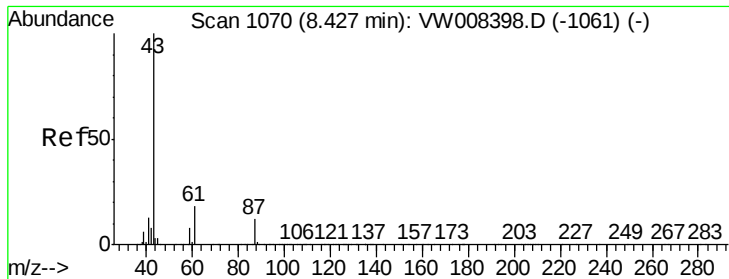
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#42
1,2-Dichloroethane
Concen: 47.295 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	18.6	





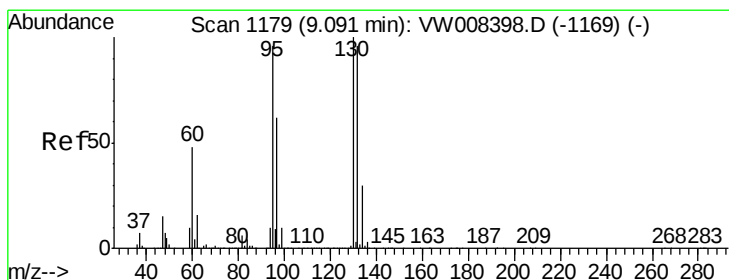
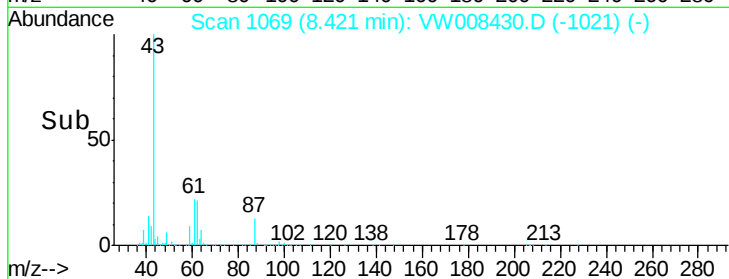
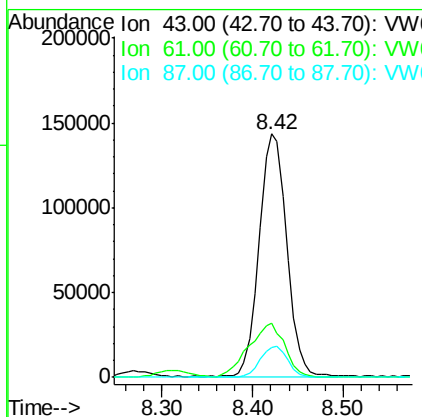
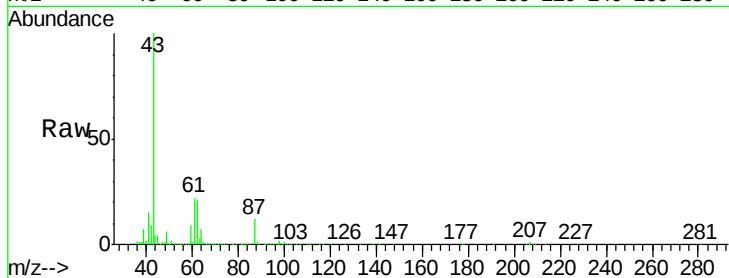
#43
Isopropyl Acetate
Concen: 45.496 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	301098
Ion Ratio	Lower	Upper	
43	100		
61	29.2	22.0	33.0
87	12.9	9.3	13.9

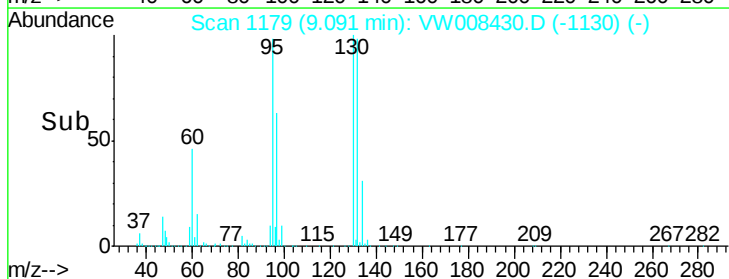
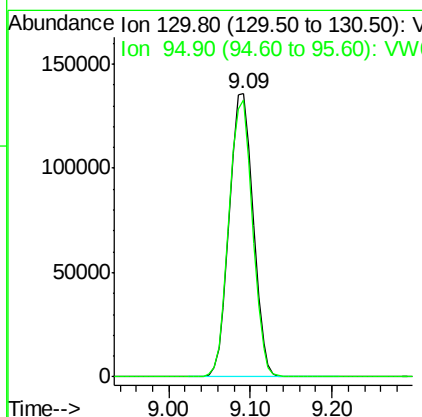
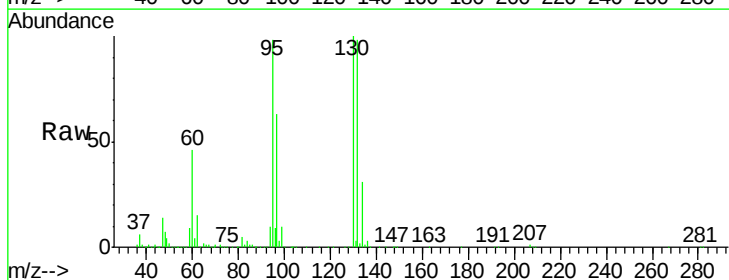
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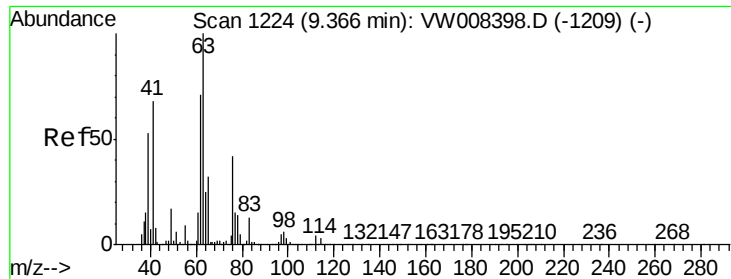
MMDadoda
1/29/2019 12:19:39 PM



#44
Trichloroethene
Concen: 50.235 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	130	Resp	272934
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	191.6





#45

1,2-Dichloropropane

Concen: 46.869 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 233488

Ion Ratio Lower Upper

63 100

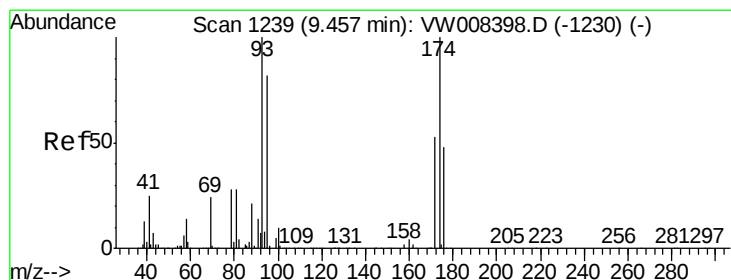
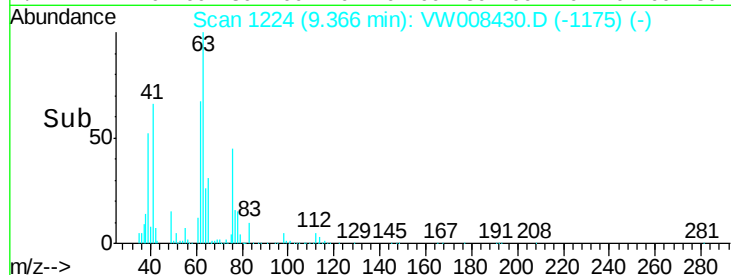
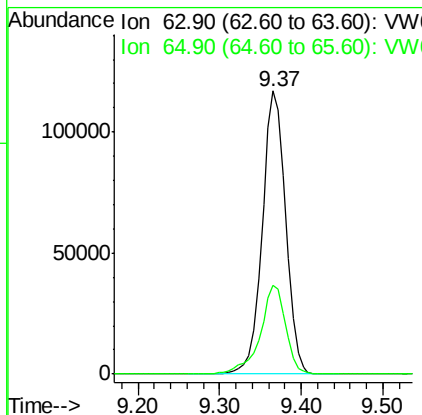
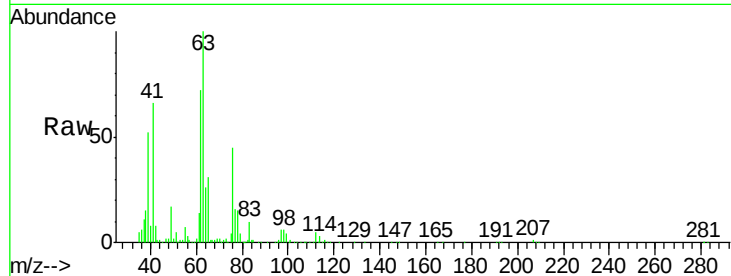
65 31.4 25.2 37.8

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#46

Dibromomethane

Concen: 47.597 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

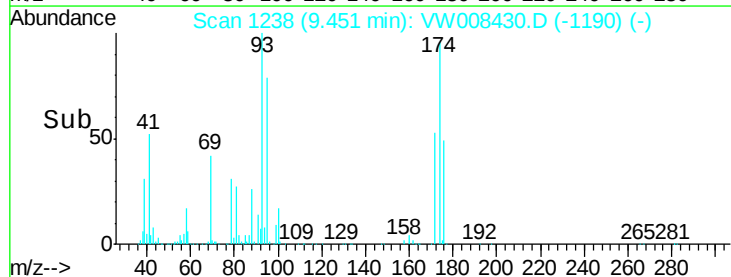
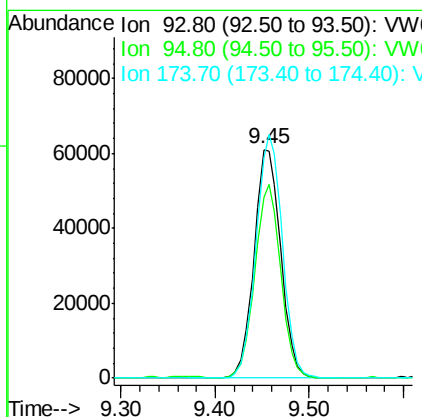
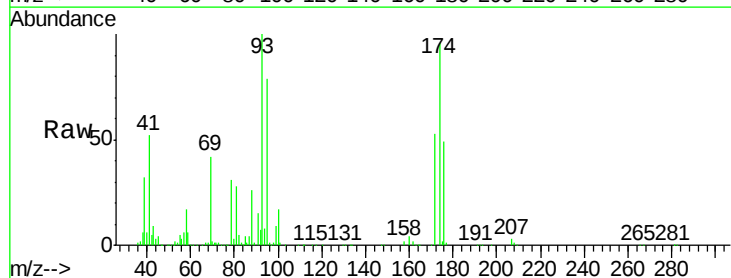
Tgt Ion: 93 Resp: 121956

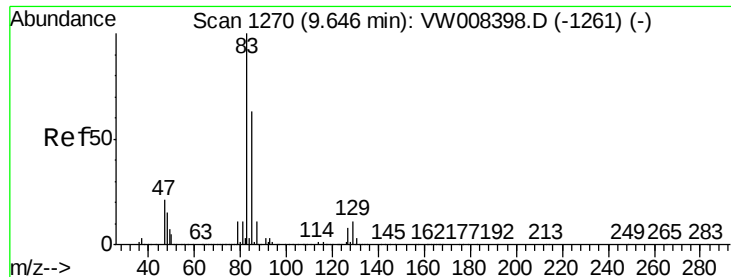
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

174 104.8 81.0 121.6





#47

Bromodichloromethane

Concen: 48.185 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

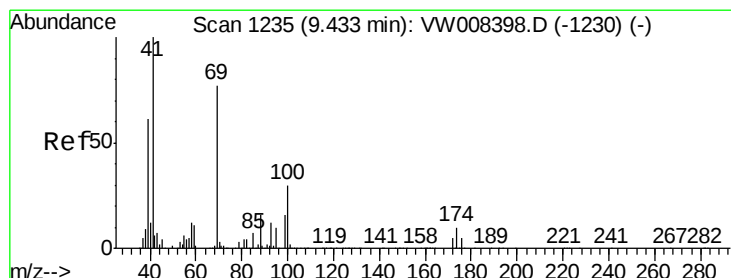
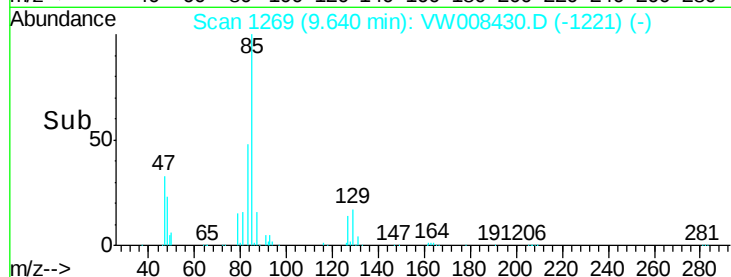
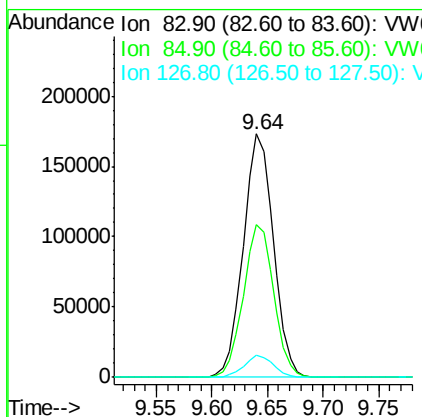
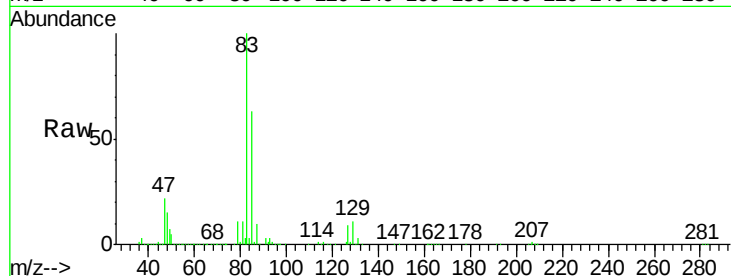
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	326566
Ion Ratio	Lower	Upper	
83	100		
85	62.5	50.8	76.2
127	8.9	6.8	10.2

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#48

Methyl methacrylate

Concen: 43.905 ug/l

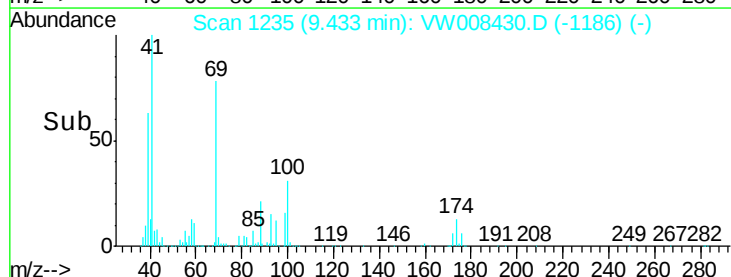
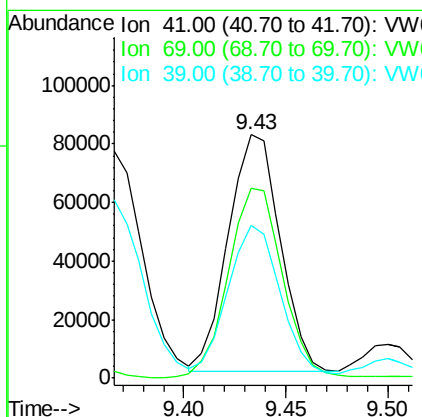
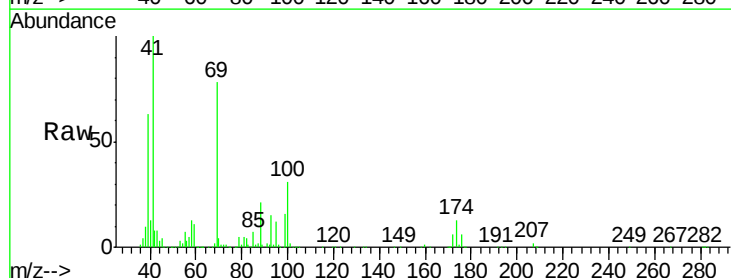
RT: 9.43 min Scan# 1235

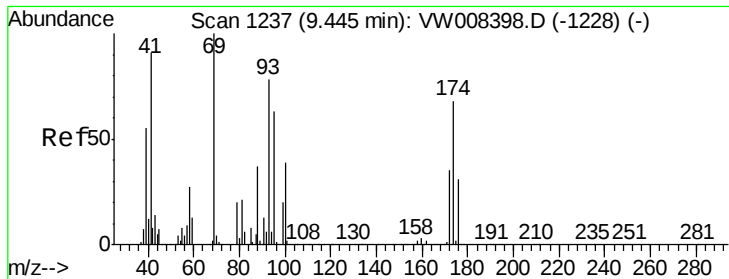
Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	41	Resp:	142077
Ion Ratio	Lower	Upper	
41	100		
69	83.8	64.8	97.2
39	62.2	49.1	73.7





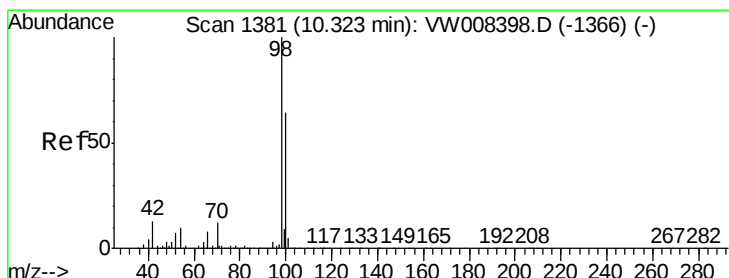
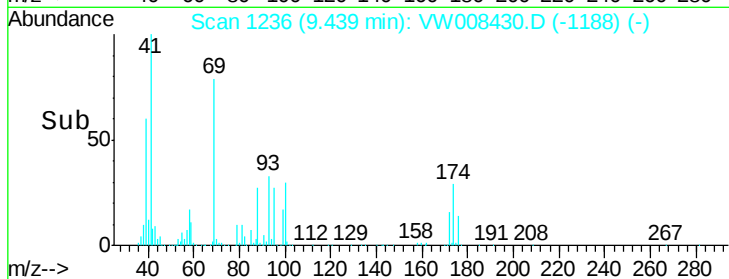
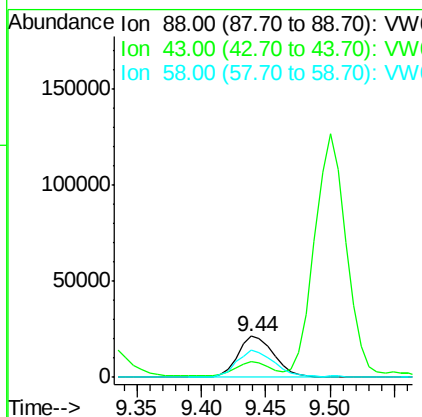
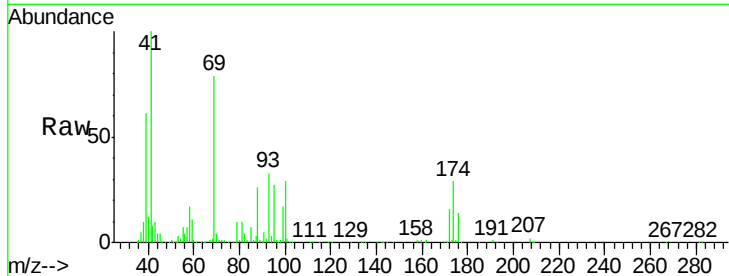
#49
1,4-Dioxane
Concen: 970.784 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.0	43.4
58	70.5	56.4	84.6

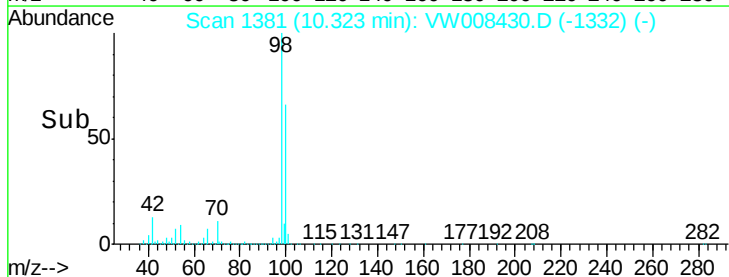
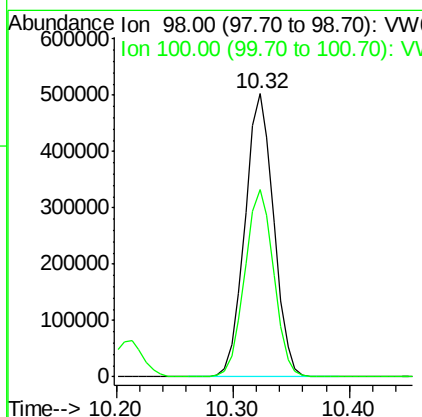
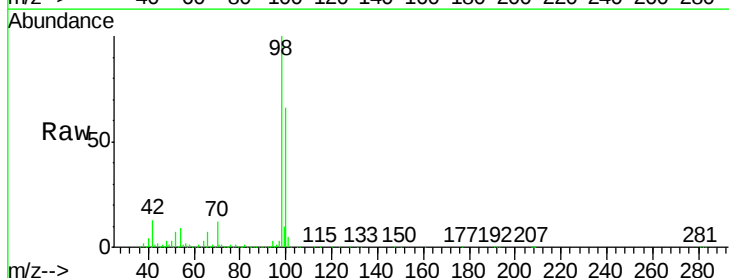
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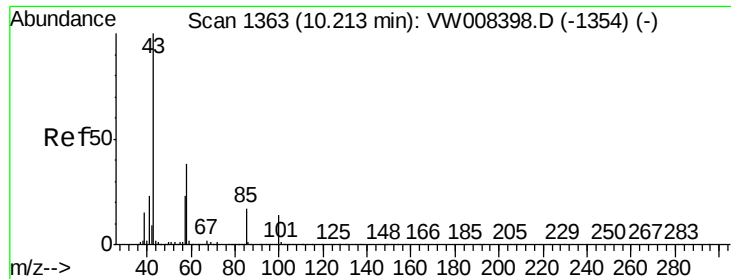
MMDadoda
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#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 224.440 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 733822

Ion Ratio Lower Upper

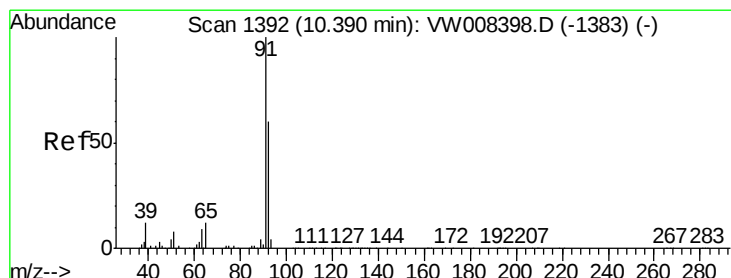
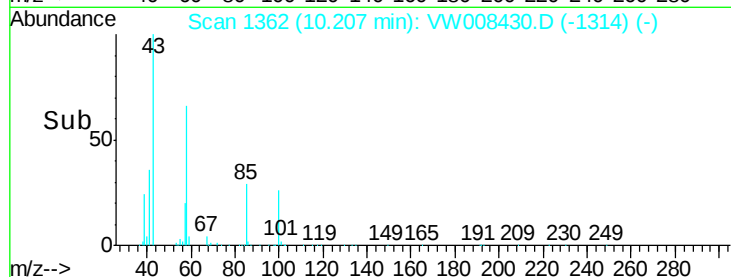
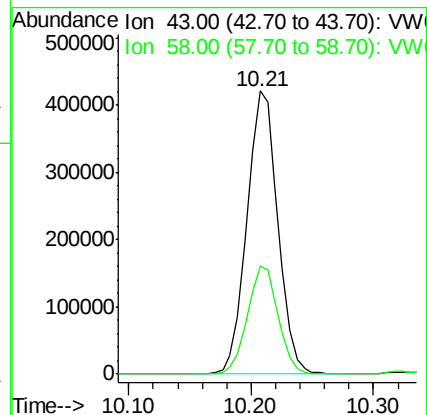
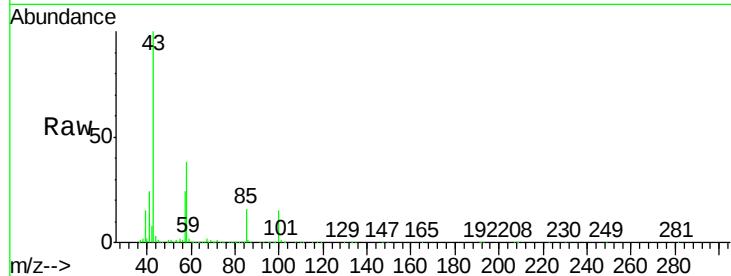
43 100

58 37.9 29.7 44.5

Manual Integrations
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#52

Toluene

Concen: 47.771 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008430.D

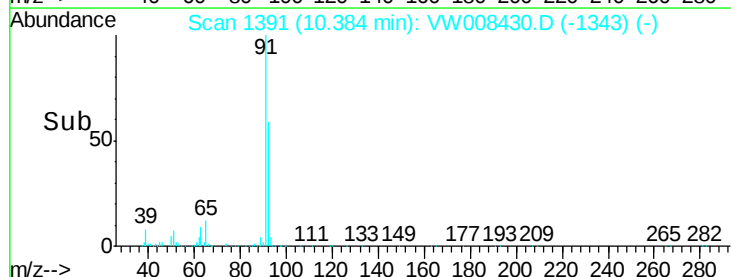
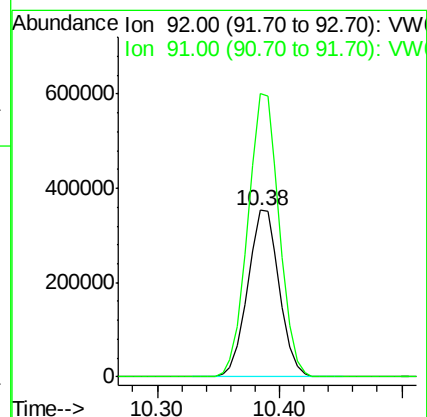
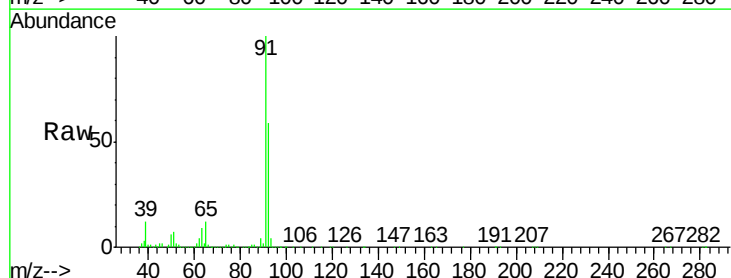
Acq: 28 Jan 2019 10:23

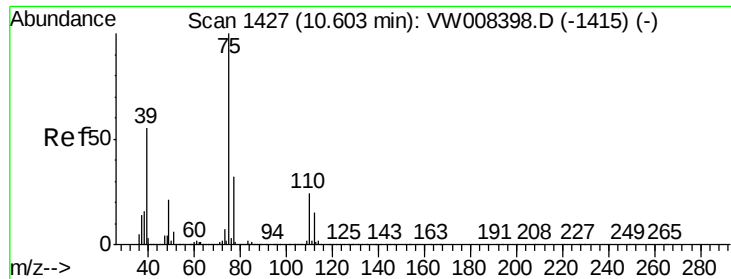
Tgt Ion: 92 Resp: 630048

Ion Ratio Lower Upper

92 100

91 169.5 135.5 203.3





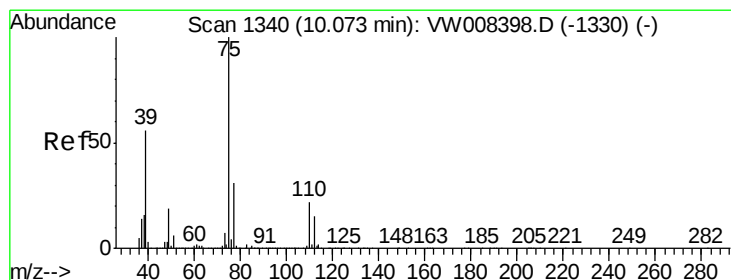
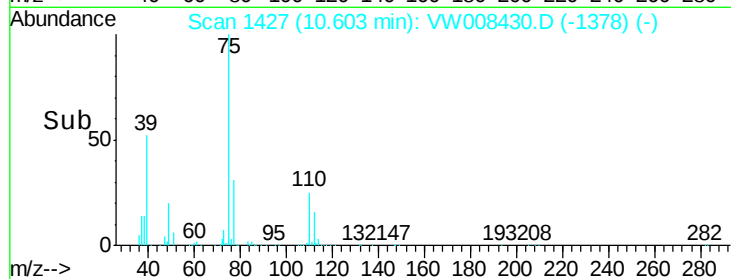
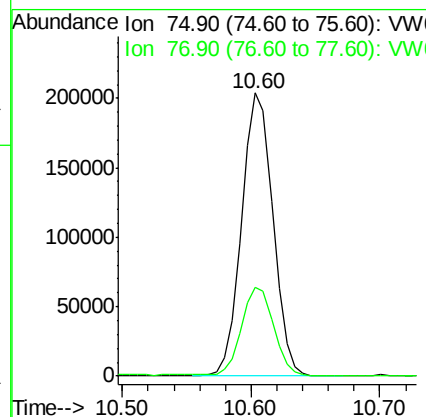
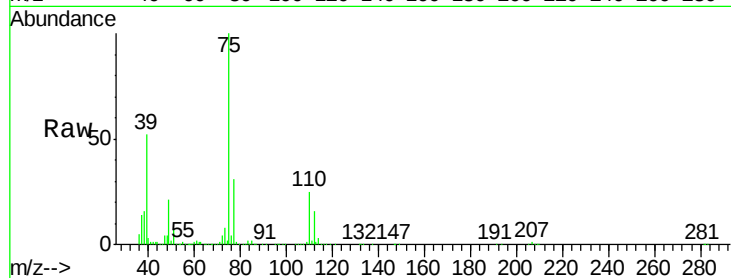
#53
t-1,3-Dichloropropene
Concen: 47.466 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.3	37.9

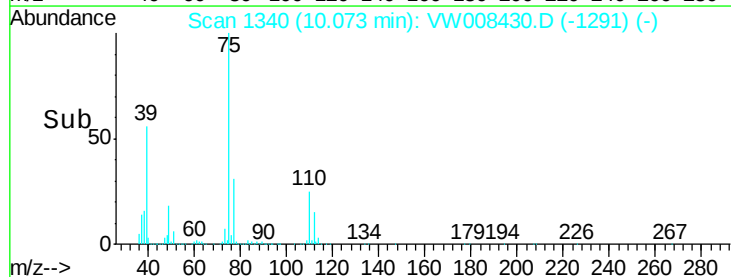
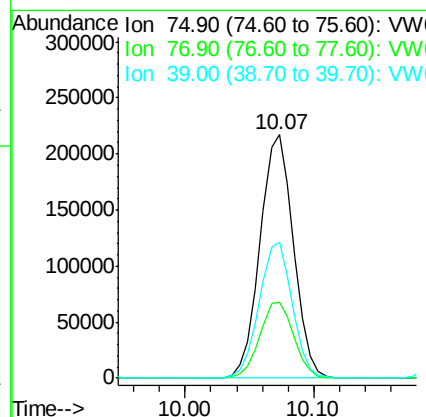
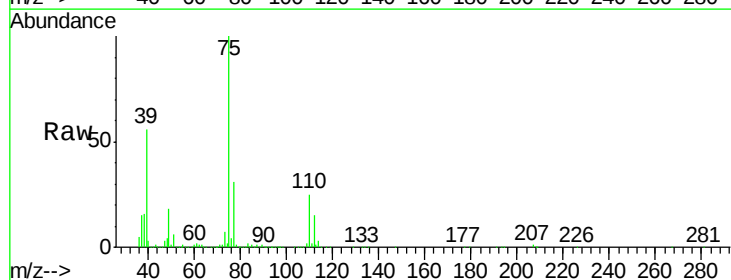
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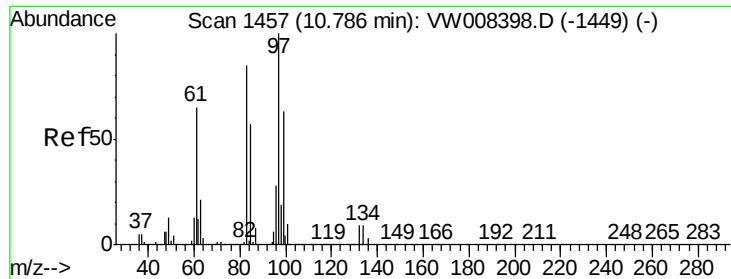
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#54
cis-1,3-Dichloropropene
Concen: 47.417 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	55.7	44.9	67.3





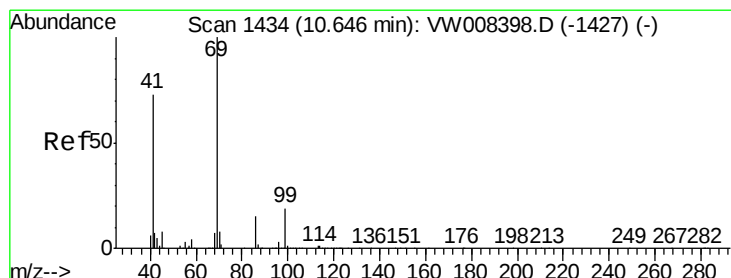
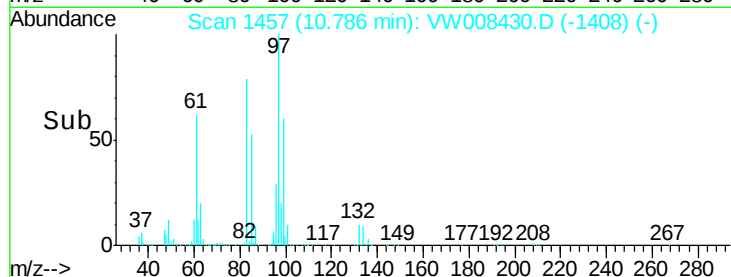
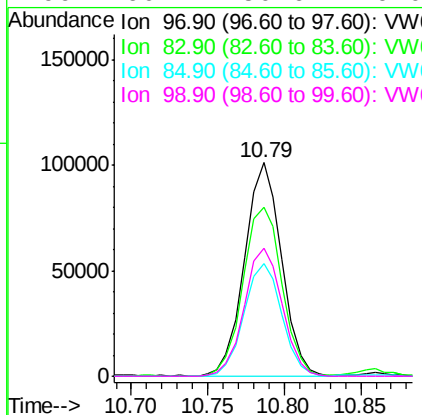
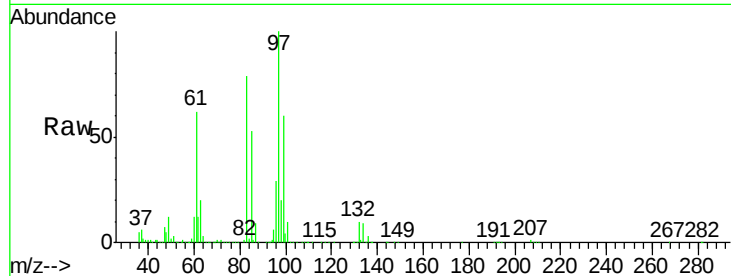
#55
 1,1,2-Trichloroethane
 Concen: 47.808 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	169911
Ion Ratio	Lower	Upper	
97	100		
83	79.3	68.4	102.6
85	52.8	45.3	67.9
99	60.2	50.6	76.0

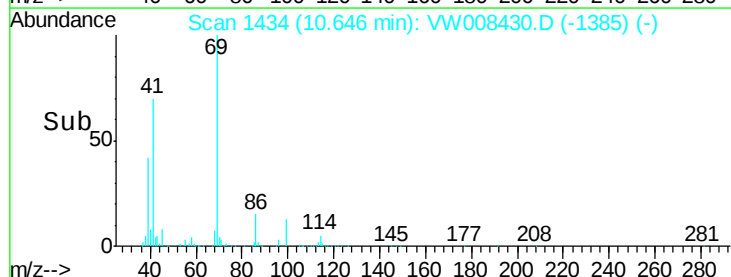
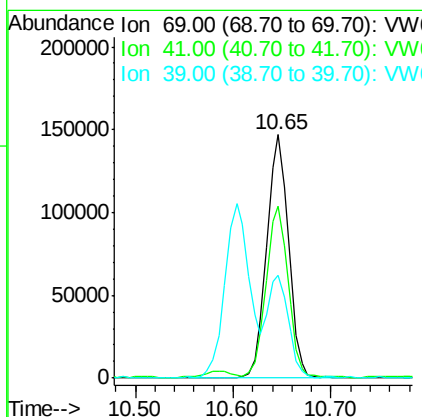
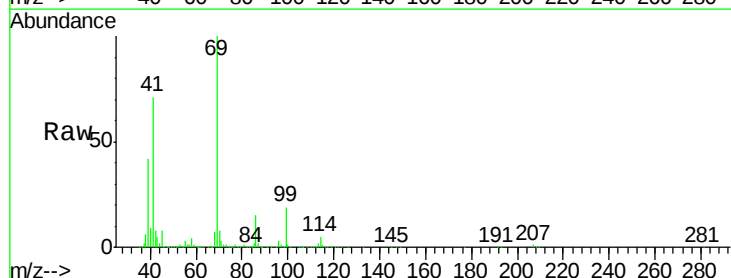
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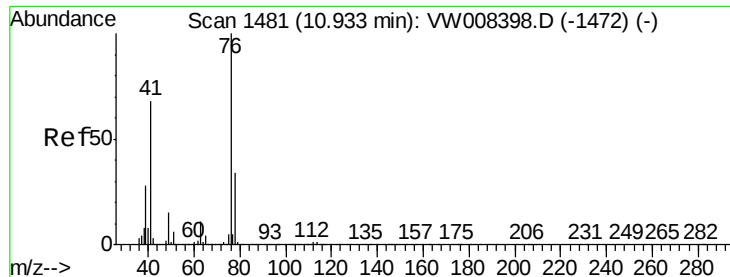
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#56
 Ethyl methacrylate
 Concen: 45.582 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion	69	Resp	226996
Ion Ratio	Lower	Upper	
69	100		
41	71.0	58.7	88.1
39	39.8	32.6	48.8





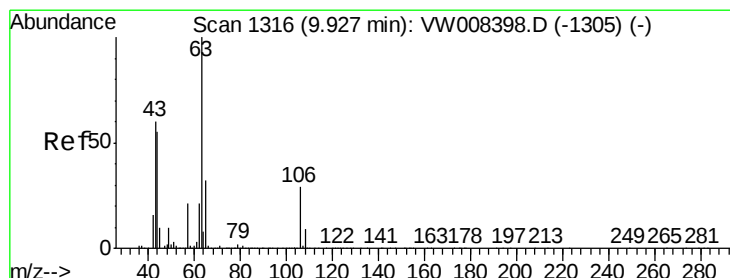
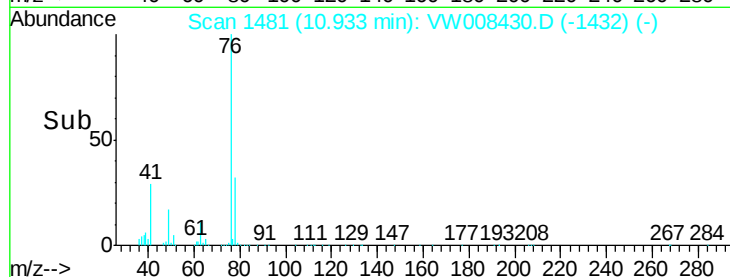
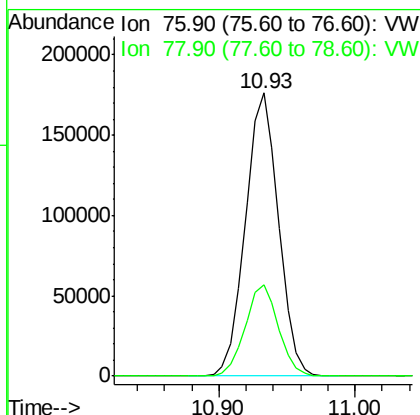
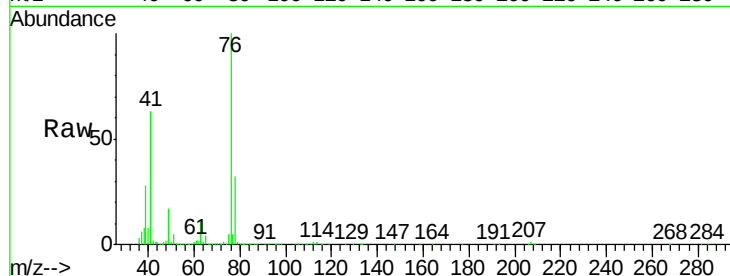
#57
 1,3-Dichloropropane
 Concen: 47.139 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

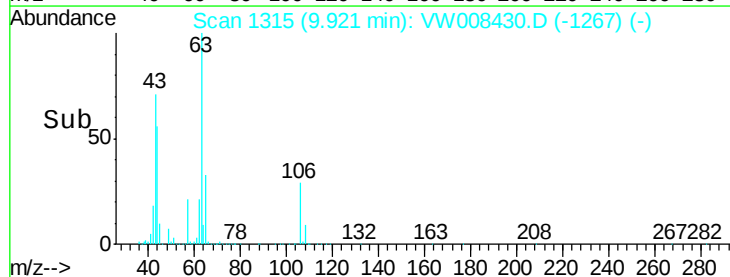
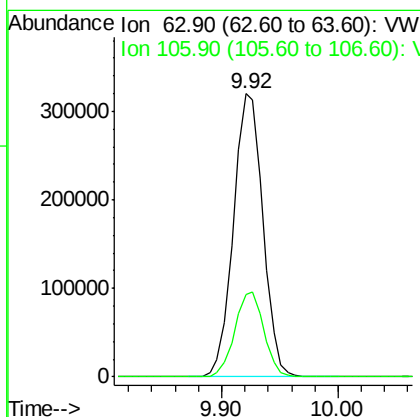
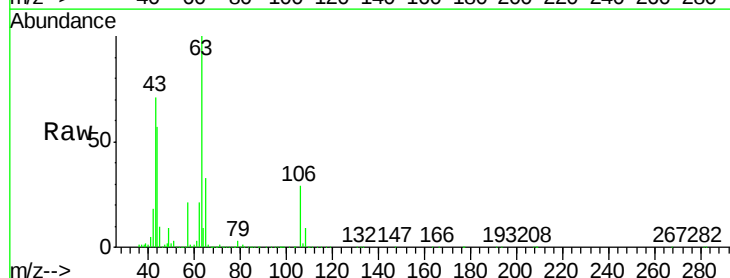
Manual Integrations
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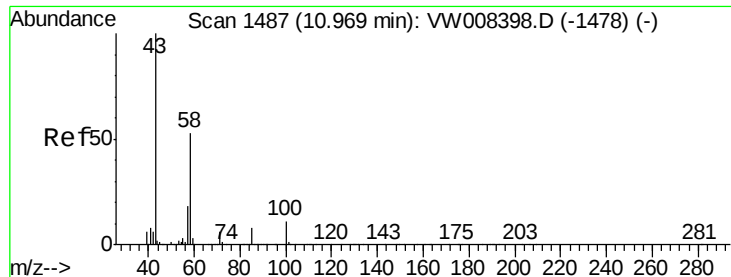
MMDadoda
 1/29/2019 12:19:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.461 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	22.4	33.6





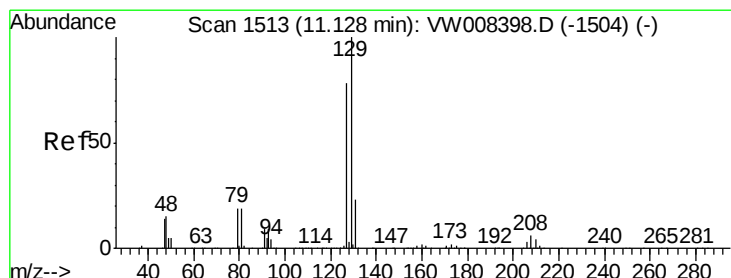
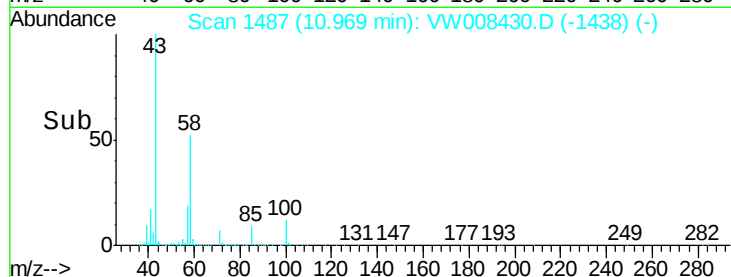
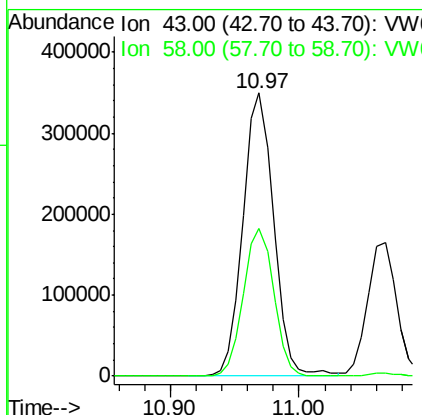
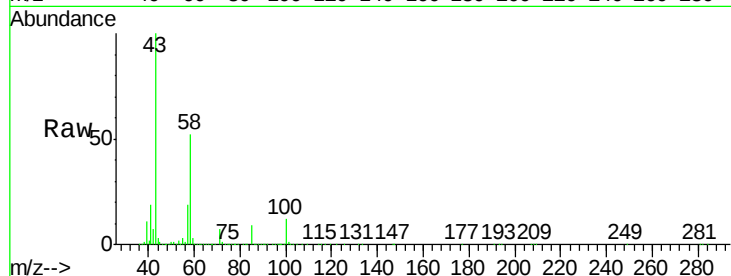
#59
2-Hexanone
Concen: 248.493 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 573568
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7

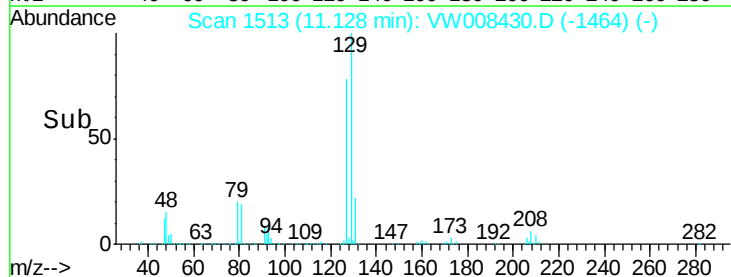
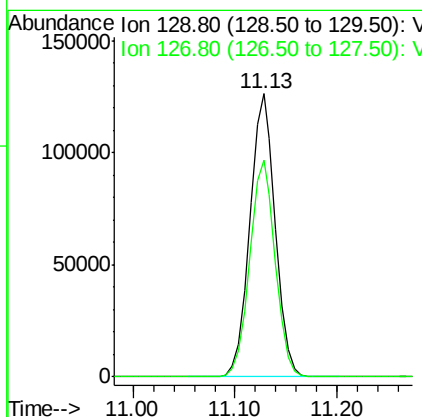
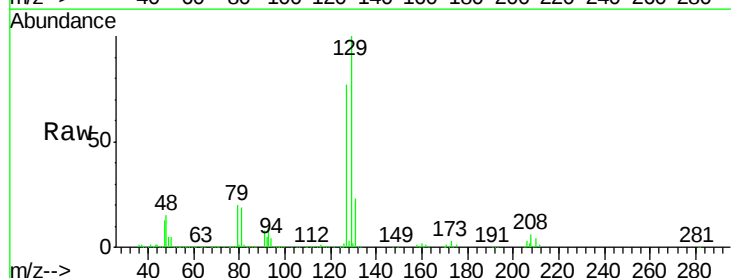
Manual Integrations
APPROVED

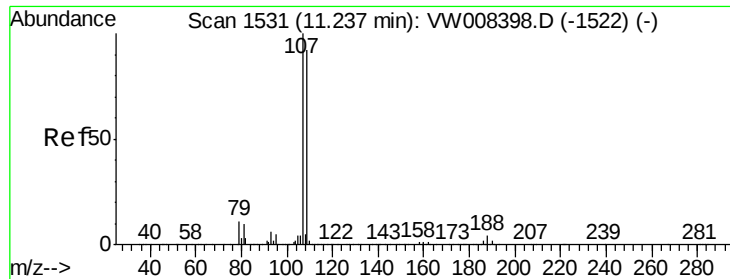
MMDadoda
1/29/2019 12:19:39 PM



#60
Dibromochloromethane
Concen: 47.848 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 129 Resp: 218533
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.273 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 166589

Ion Ratio Lower Upper

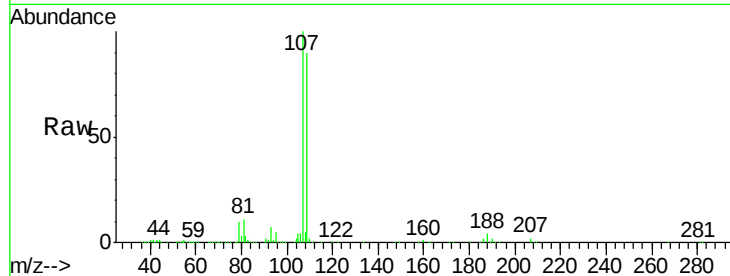
107 100

109 93.5 75.0 112.4

Manual Integrations
APPROVED

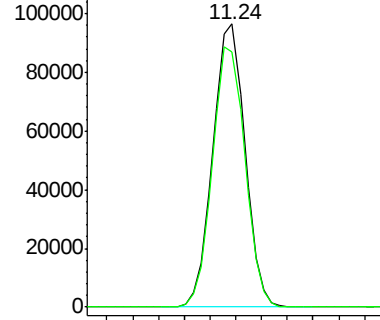
MMDadoda

1/29/2019 12:19:39 PM

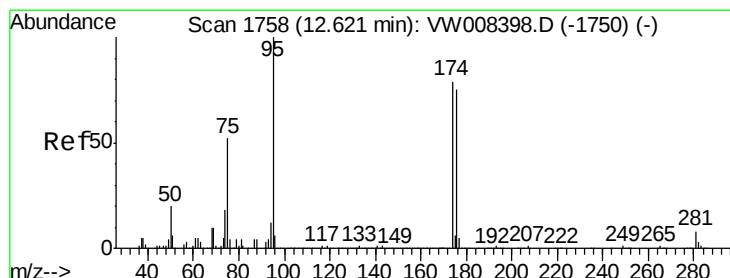
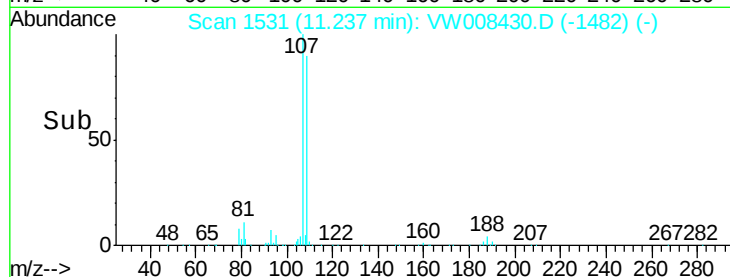


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.309 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

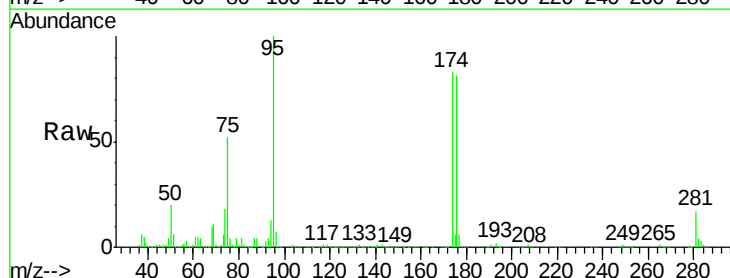
Tgt Ion: 95 Resp: 318149

Ion Ratio Lower Upper

95 100

174 80.5 0.0 157.6

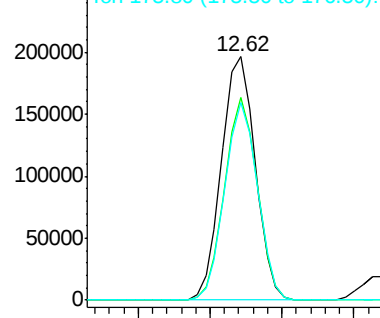
176 79.0 0.0 151.8



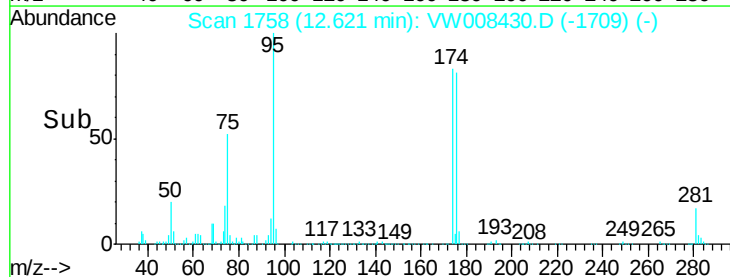
Abundance Ion 94.90 (94.60 to 95.60): VW

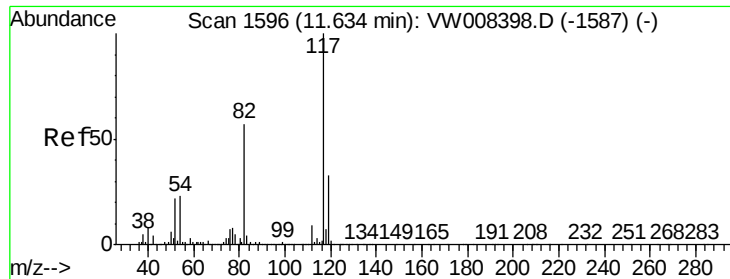
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





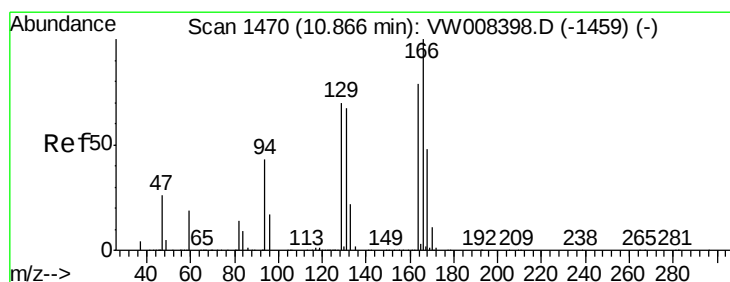
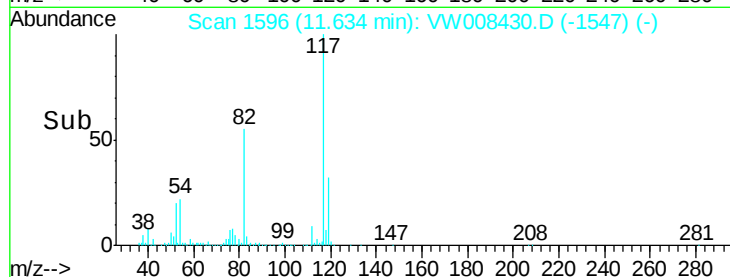
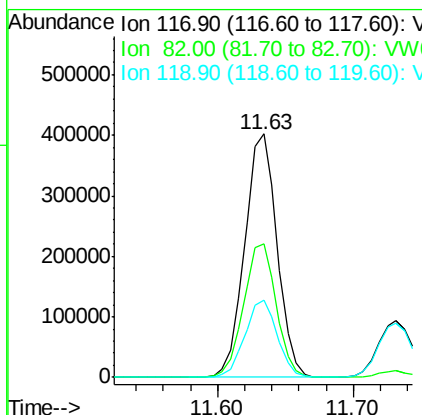
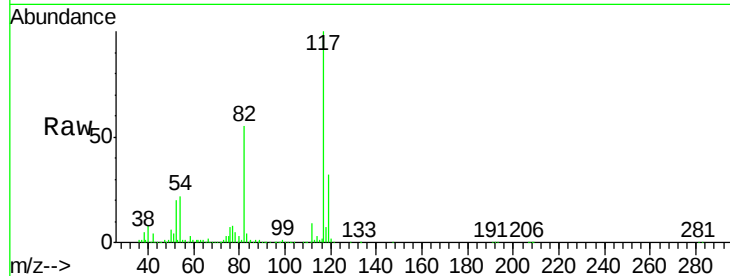
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.0
119	31.9	26.2	39.4

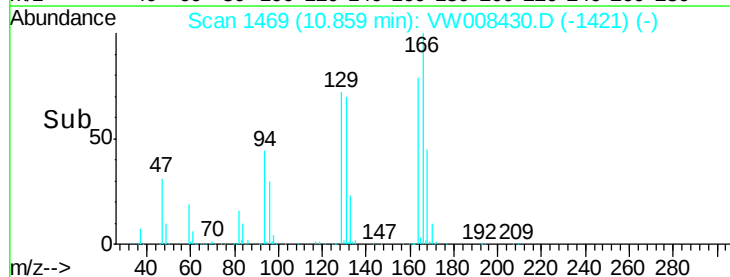
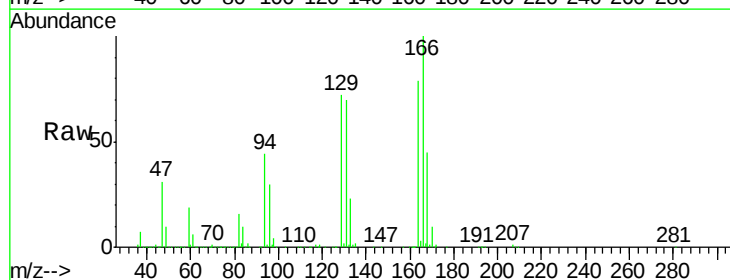
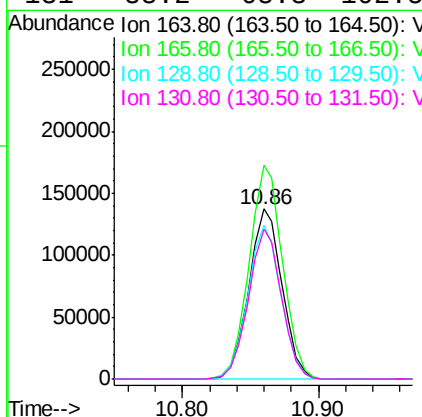
Manual Integrations
APPROVED

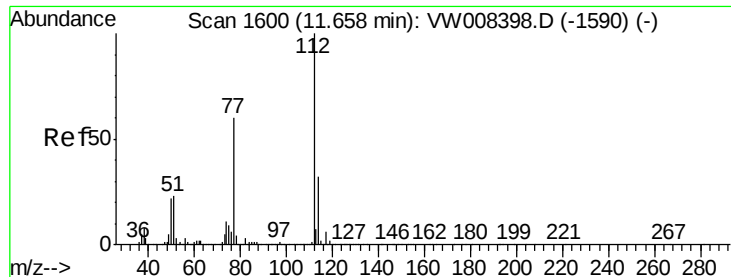
MMDadoda
1/29/2019 12:19:39 PM



#64
Tetrachloroethene
Concen: 51.814 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.4	152.0
129	90.3	71.0	106.6
131	88.2	68.3	102.5





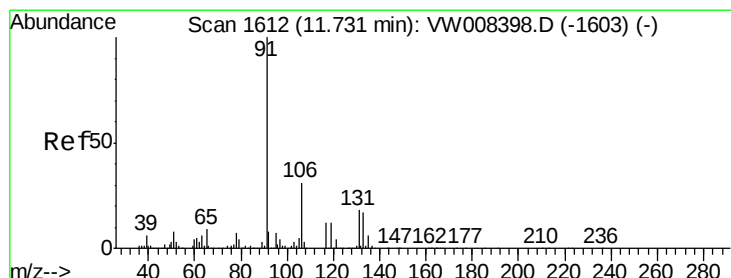
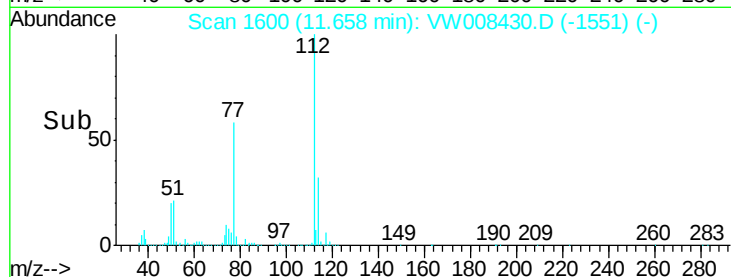
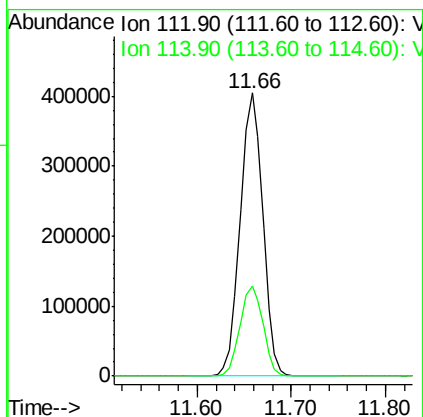
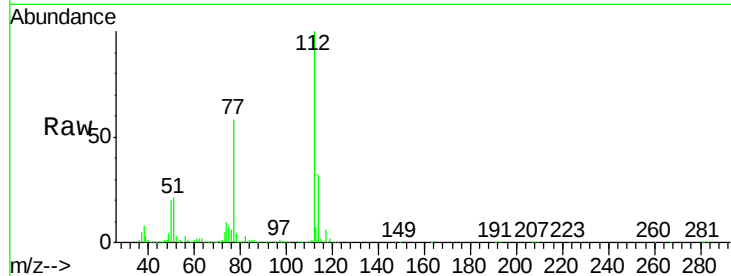
#65
Chlorobenzene
Concen: 49.664 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 678634
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

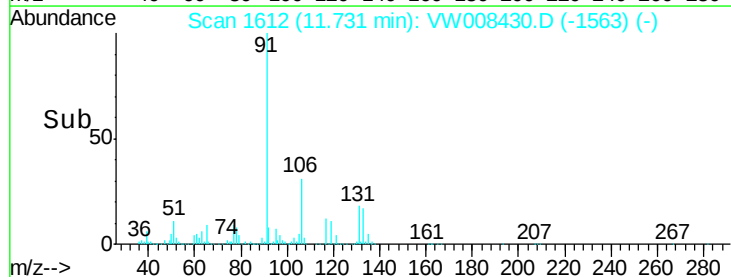
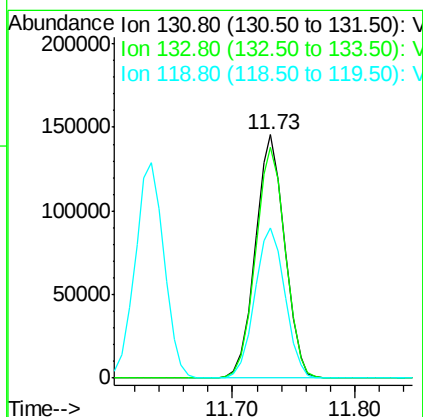
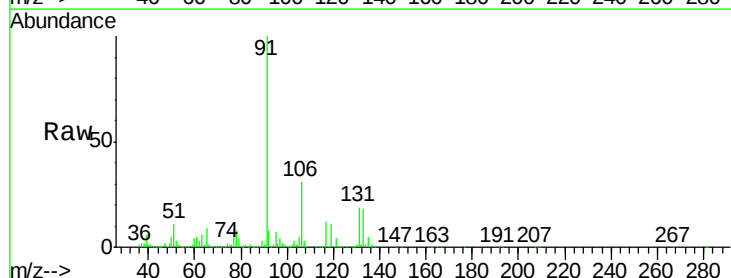
Manual Integrations
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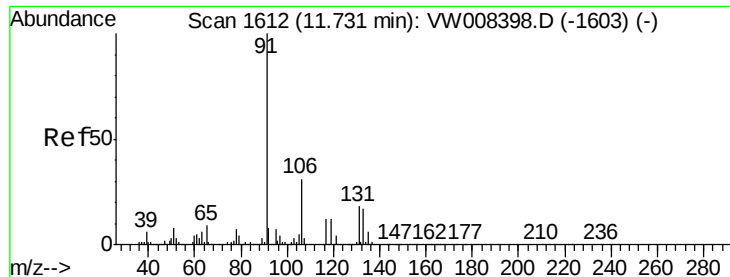
MMDadoda
1/29/2019 12:19:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.681 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion:131 Resp: 242888
Ion Ratio Lower Upper
131 100
133 96.7 47.0 141.2
119 63.6 32.1 96.3





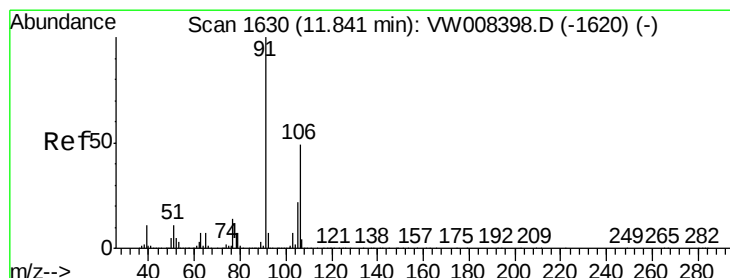
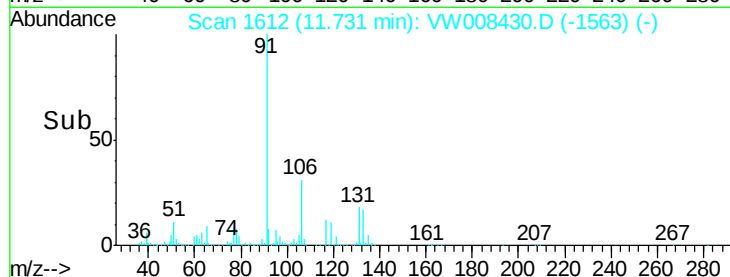
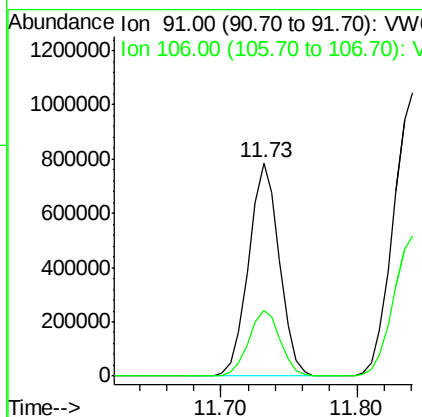
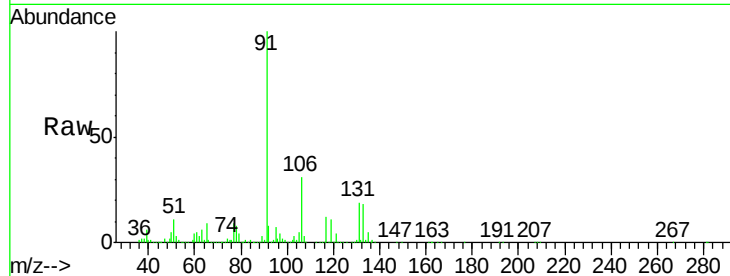
#67
Ethyl Benzene
Concen: 49.363 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1239872
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

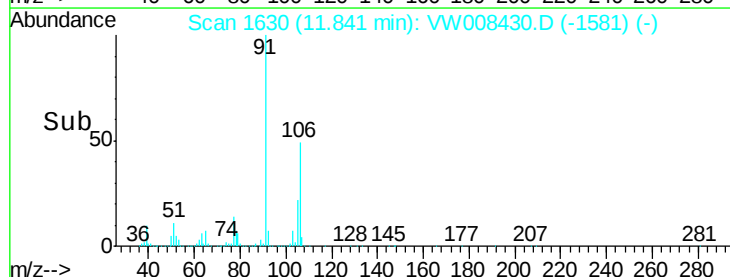
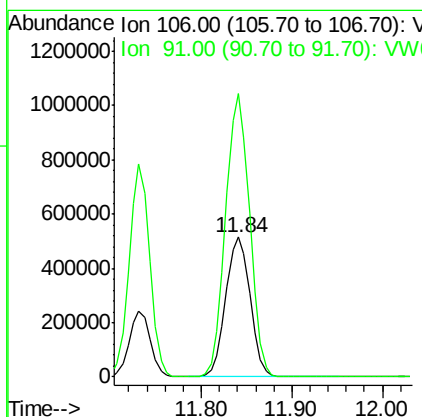
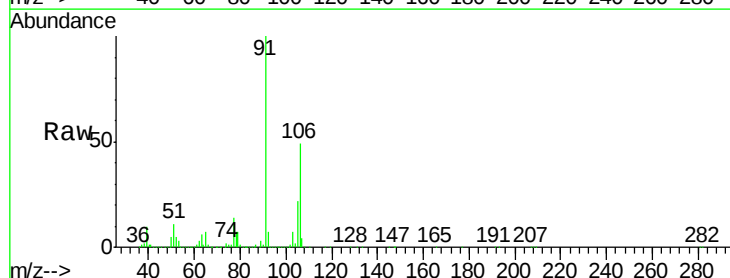
Manual Integrations
APPROVED

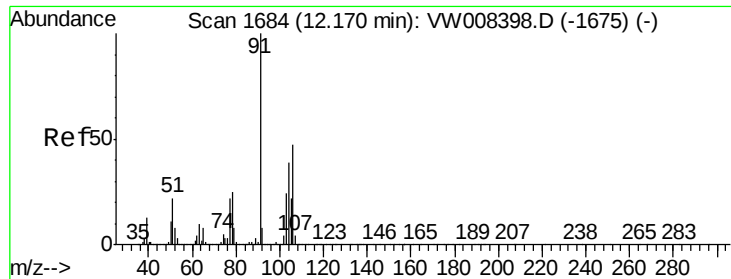
MMDadoda
1/29/2019 12:19:39 PM



#68
m/p-Xylenes
Concen: 98.703 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 106 Resp: 961911
Ion Ratio Lower Upper
106 100
91 199.7 162.9 244.3





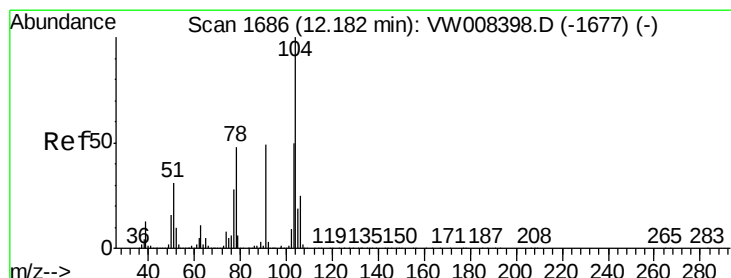
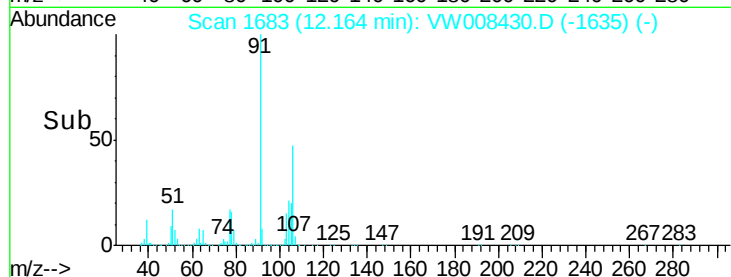
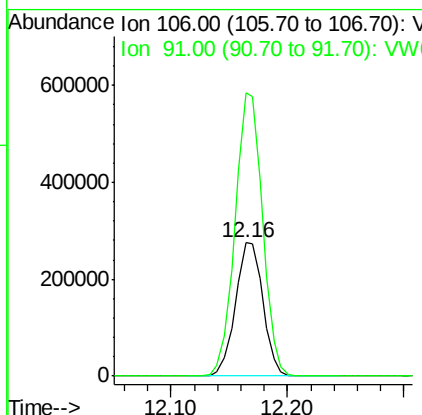
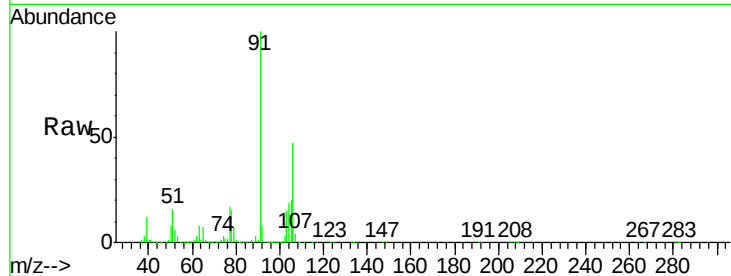
#69
o-Xylene
Concen: 48.970 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	107.5	322.4

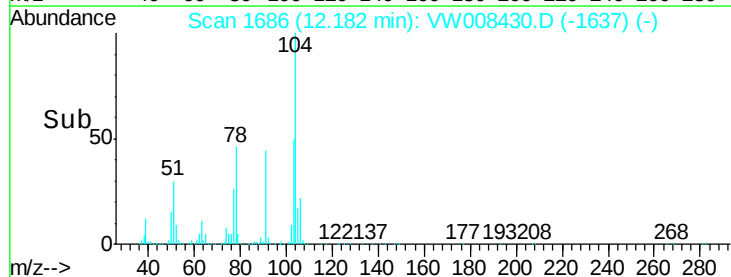
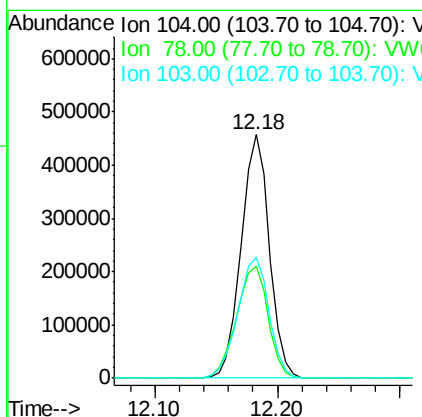
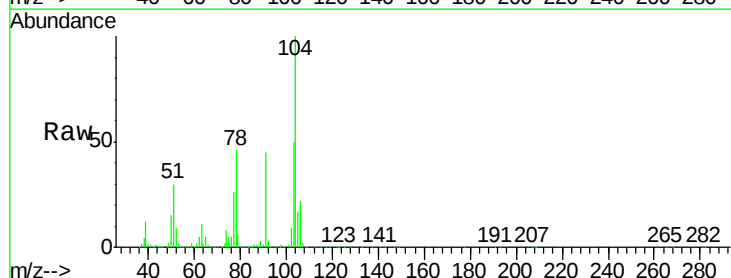
Manual Integrations
APPROVED

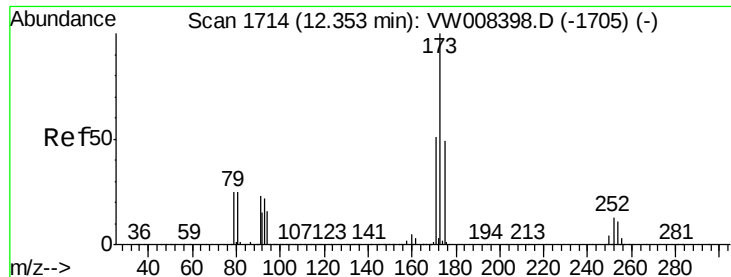
MMDadoda
1/29/2019 12:19:39 PM



#70
Styrene
Concen: 47.694 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	42.4	63.6
103	54.8	43.4	65.0





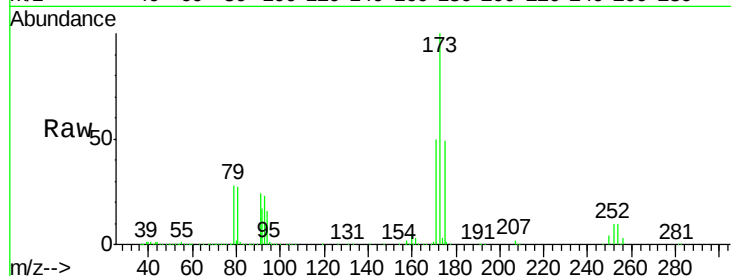
#71
Bromoform
Concen: 48.881 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.4
254	0.2	0.2	0.2

Manual Integrations
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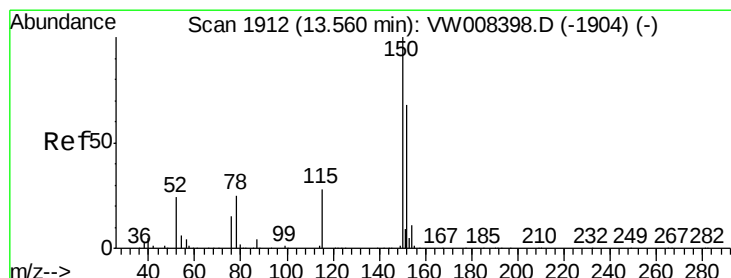
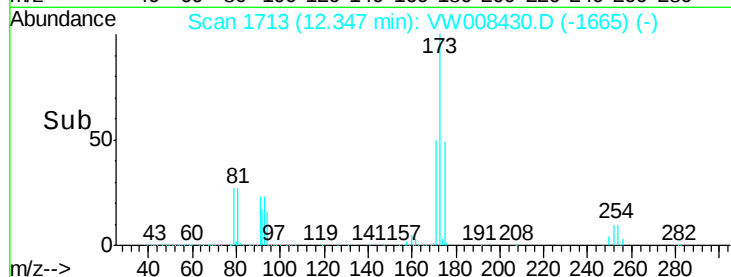
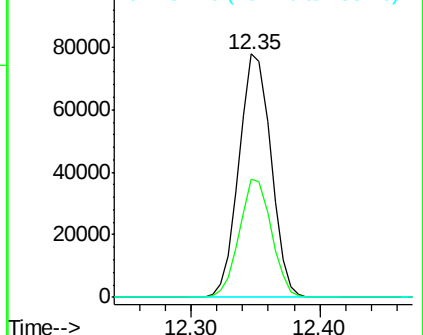


Abundance

Ion 172.70 (172.40 to 173.40): V

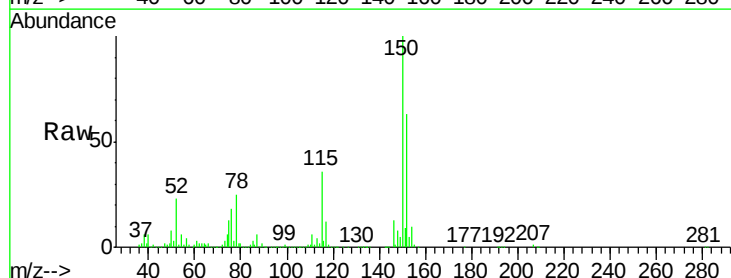
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.9	89.7
150	172.4	0.0	351.4

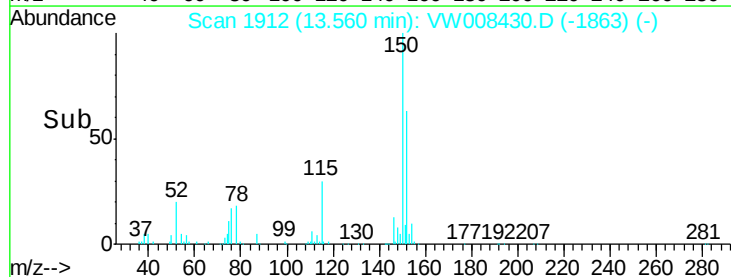
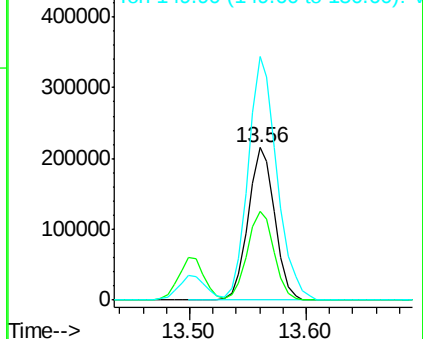


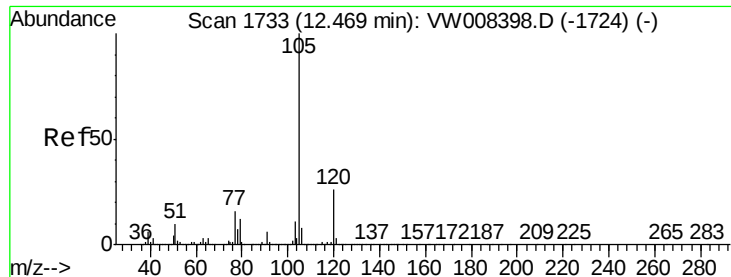
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.750 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

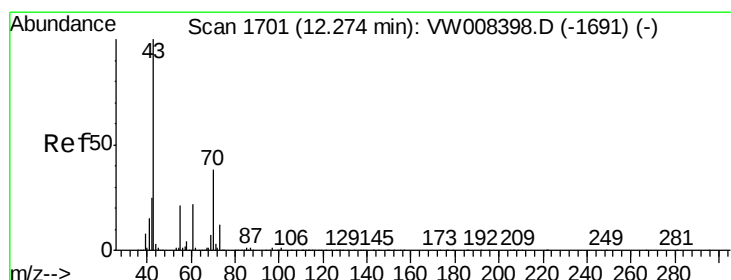
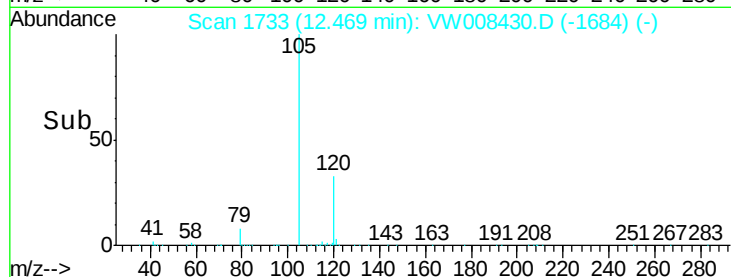
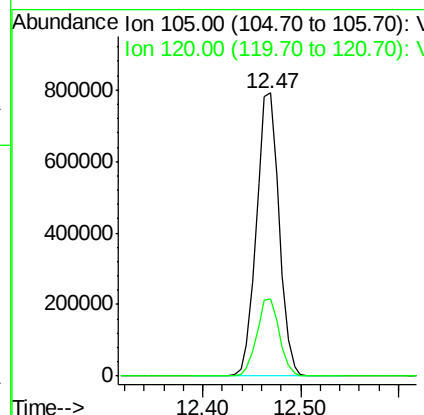
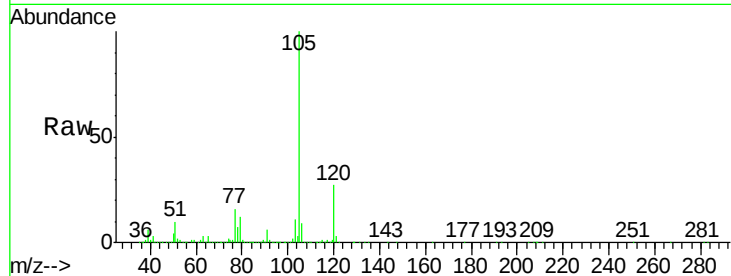
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1267133

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.3	39.8

Manual Integrations
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1/29/2019 12:19:39 PM



#74

N-ethyl acetate

Concen: 45.709 ug/l

RT: 12.27 min Scan# 1701

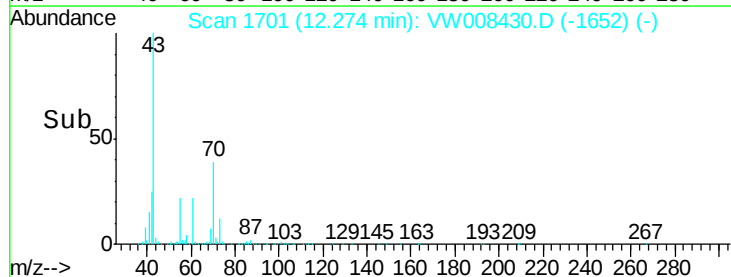
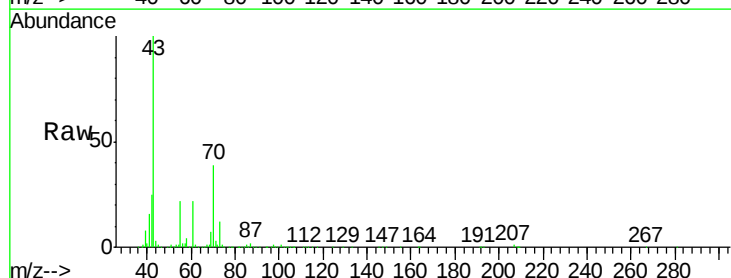
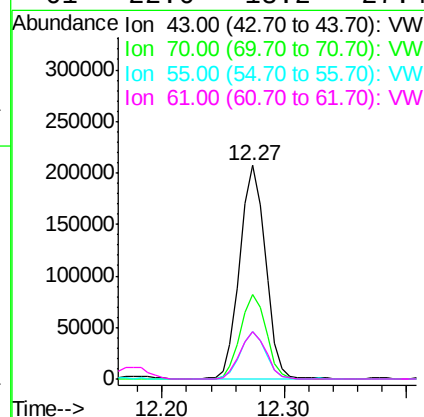
Delta R.T. 0.00 min

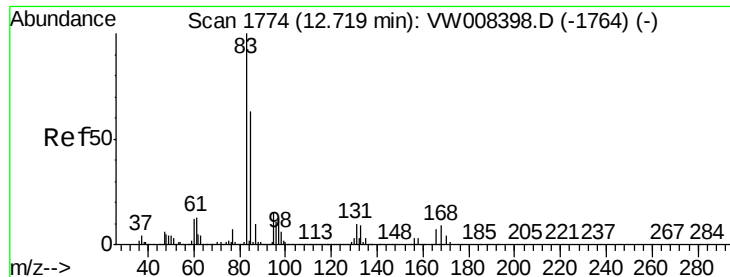
Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion: 43 Resp: 299915

Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.0	46.6
55	21.5	17.4	26.2
61	22.6	18.2	27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.819 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

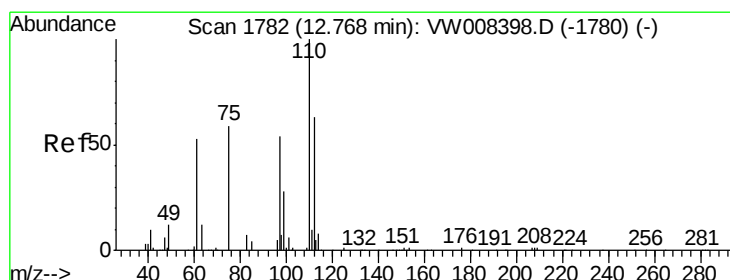
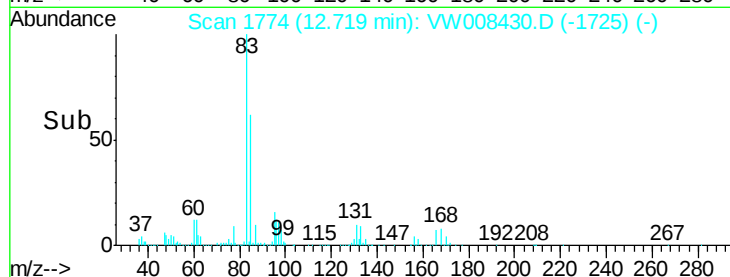
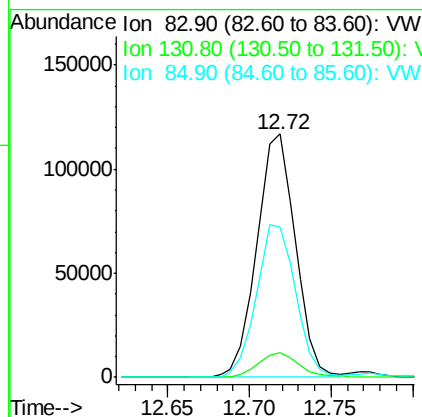
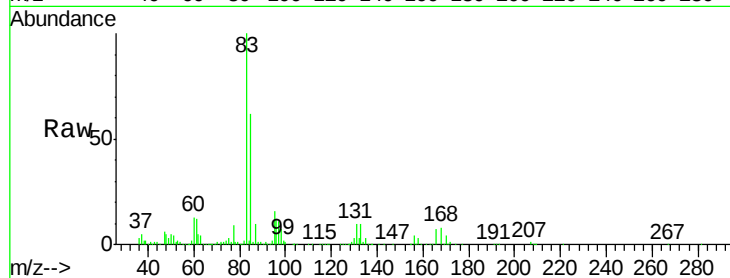
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	192825
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.0	31.9	95.5

Manual Integrations
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1/29/2019 12:19:39 PM



#76

1,2,3-Trichloropropane

Concen: 47.195 ug/l m

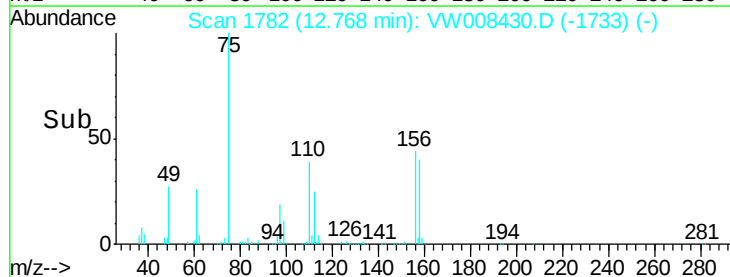
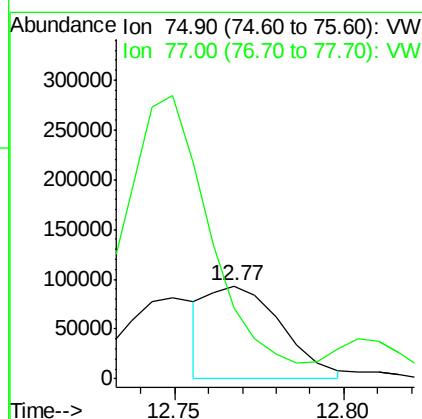
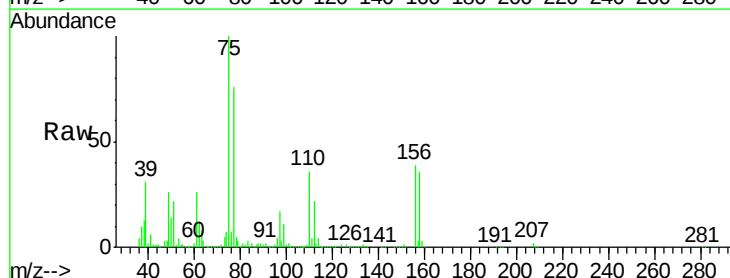
RT: 12.77 min Scan# 1782

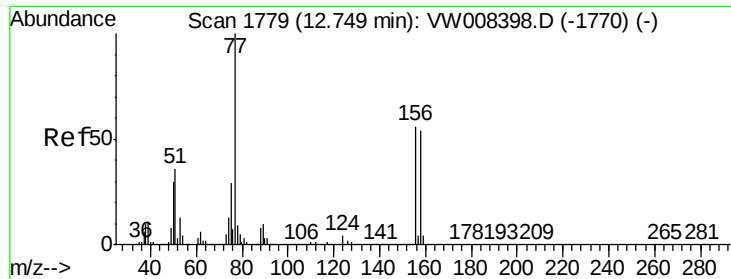
Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	75	Resp:	140185
Ion Ratio	Lower	Upper	
75	100		
77	365.2	180.7	542.1





#77

Bromobenzene

Concen: 49.498 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

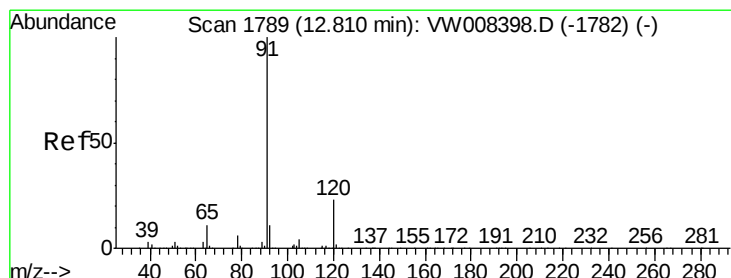
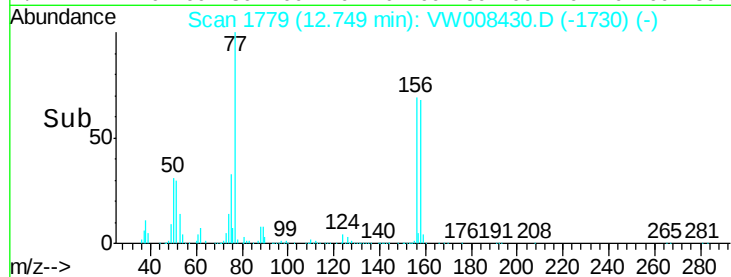
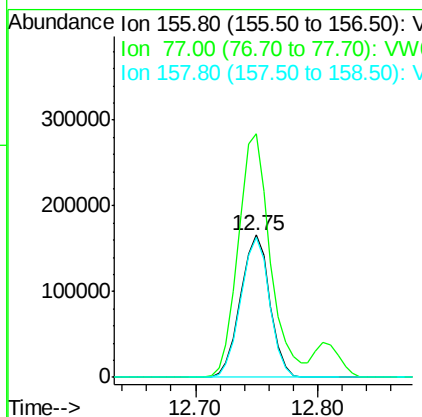
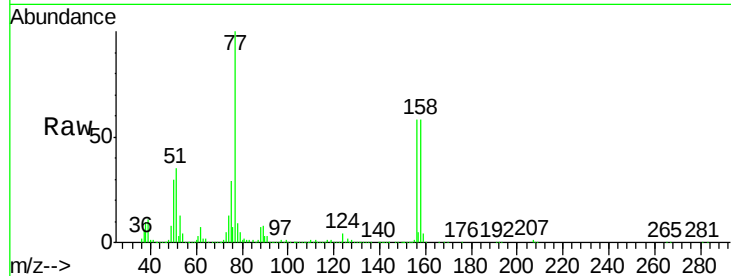
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	275324
Ion Ratio	Lower	Upper	
156	100		
77	186.0	96.9	290.7
158	97.1	48.8	146.4

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#78

n-propylbenzene

Concen: 49.554 ug/l

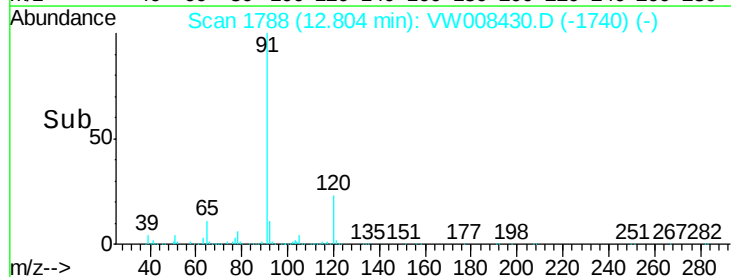
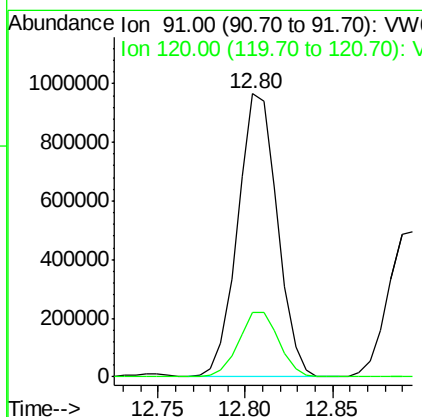
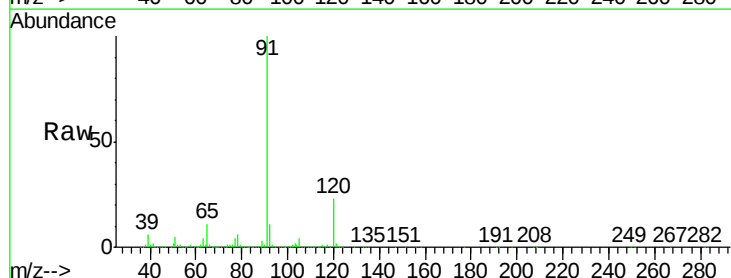
RT: 12.80 min Scan# 1788

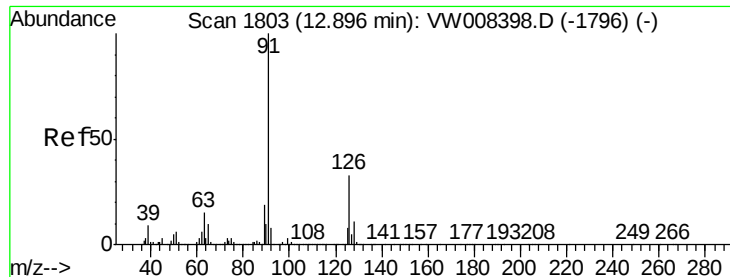
Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion:	91	Resp:	1515906
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 48.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 836592

Ion Ratio Lower Upper

91 100

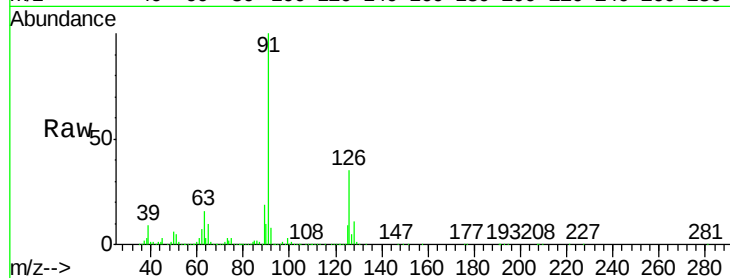
126 34.1 16.5 49.5

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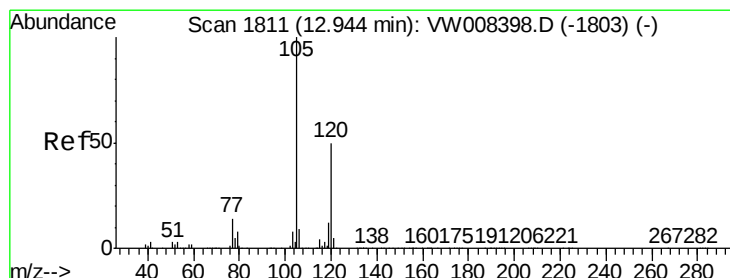
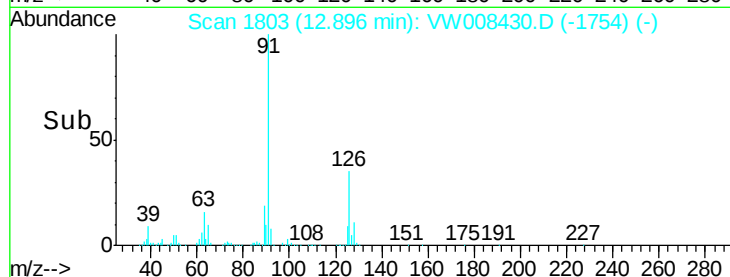
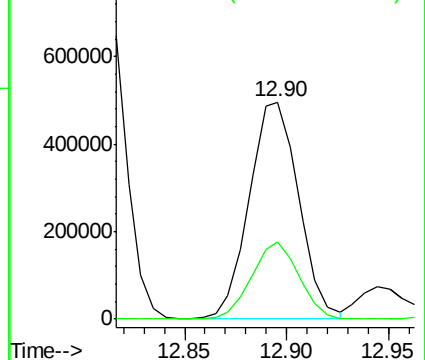
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.356 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008430.D

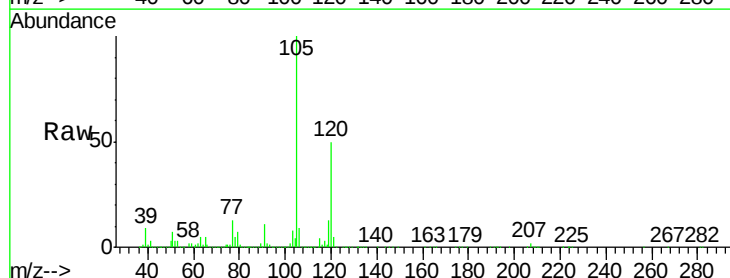
Acq: 28 Jan 2019 10:23

Tgt Ion: 105 Resp: 1050718

Ion Ratio Lower Upper

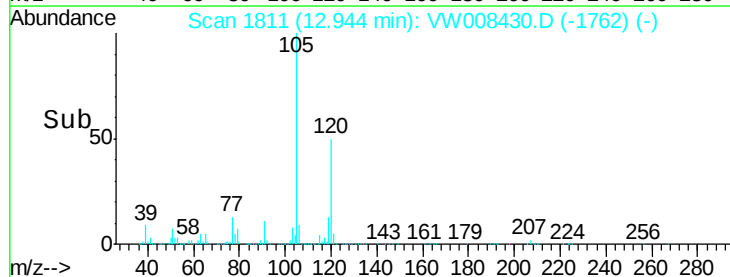
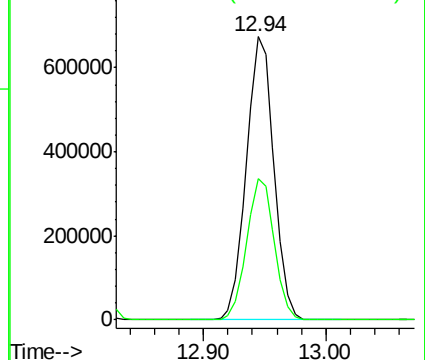
105 100

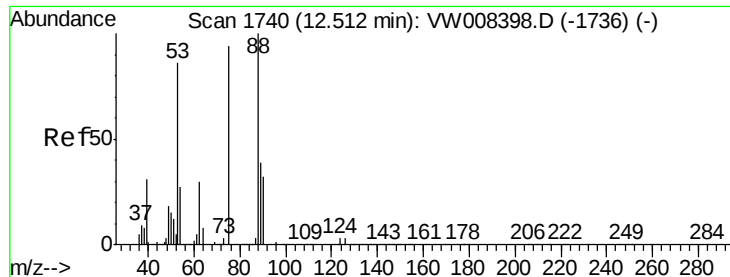
120 50.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





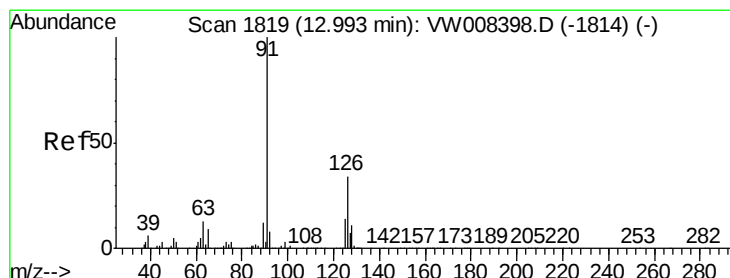
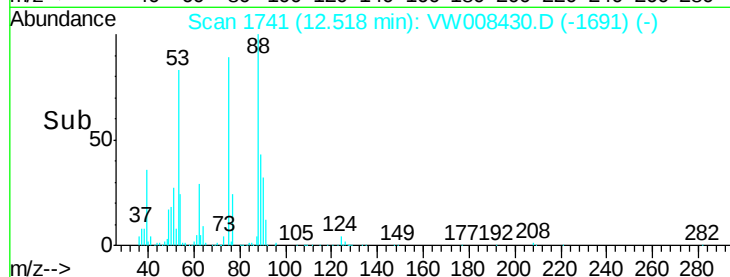
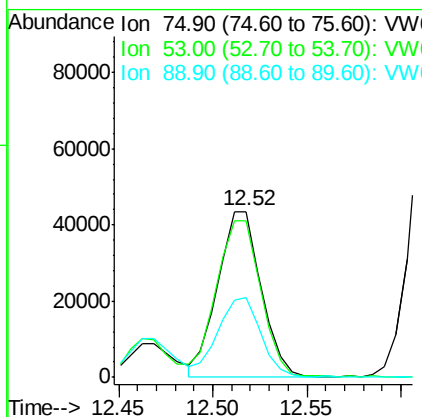
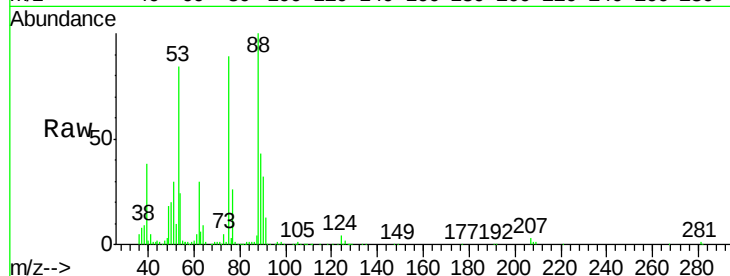
#81
trans-1,4-Dichloro-2-butene
Concen: 46.065 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	76.0	114.0
89	48.1	35.4	53.0

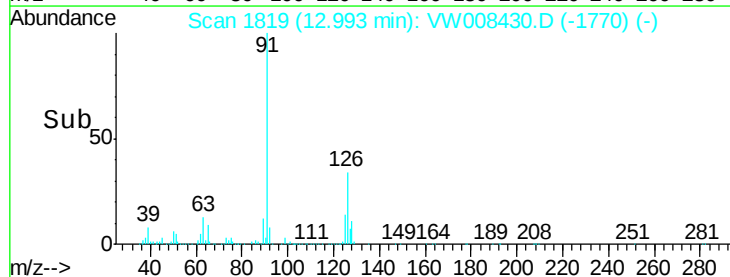
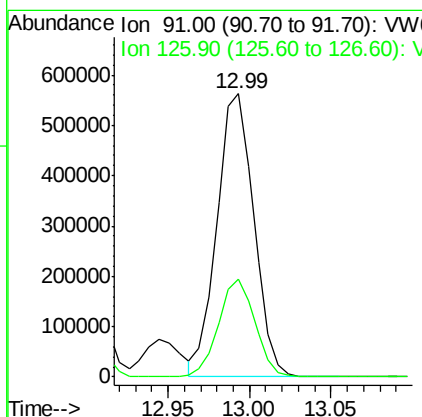
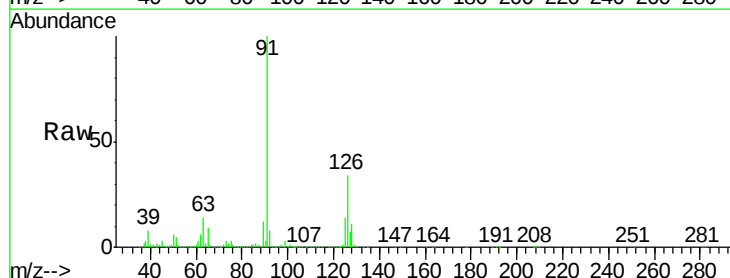
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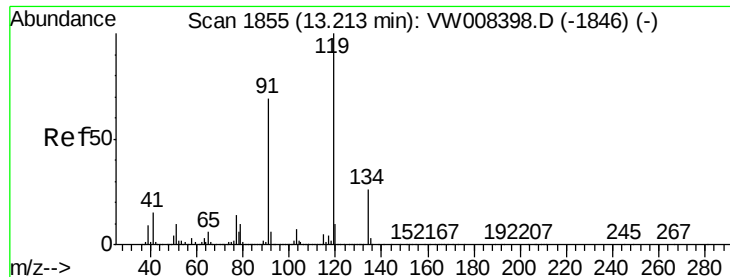
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#82
4-Chlorotoluene
Concen: 48.226 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.4	49.2





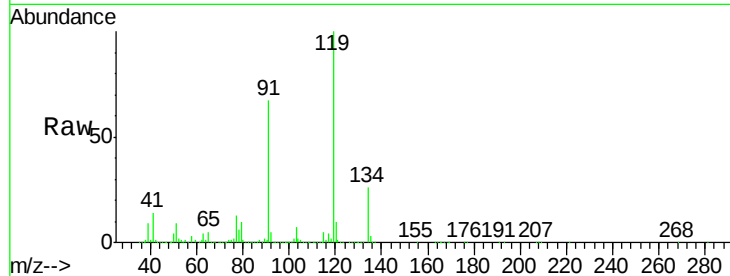
#83
tert-Butylbenzene
Concen: 50.085 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

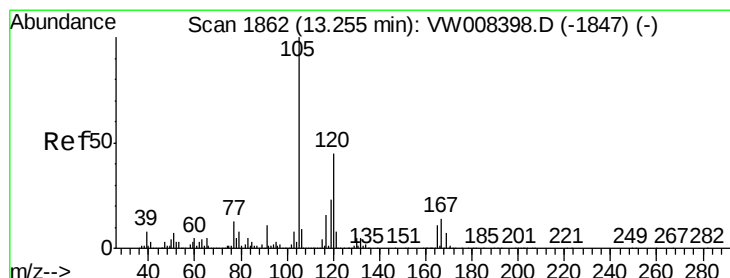
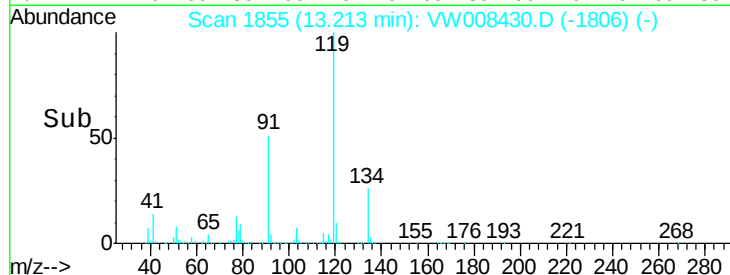
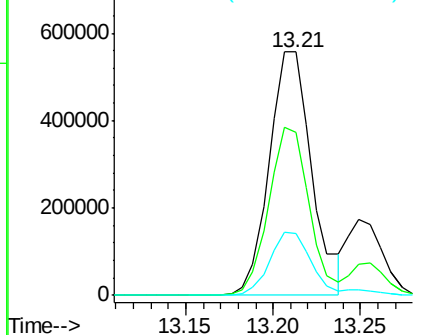
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	33.8	101.4
134	26.7	13.5	40.4

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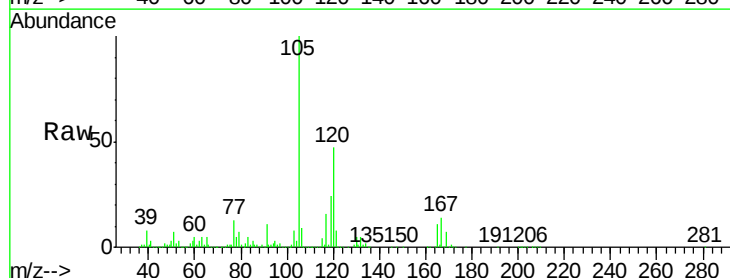


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

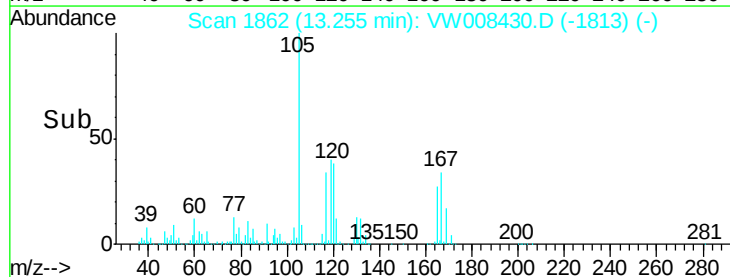
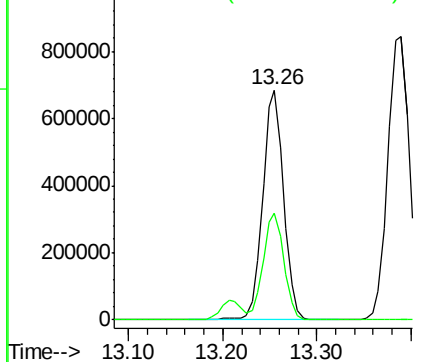


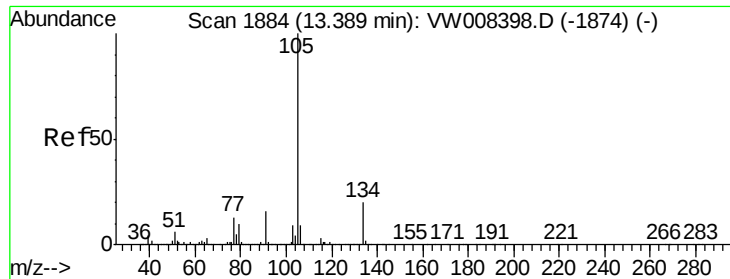
#84
1,2,4-Trimethylbenzene
Concen: 49.213 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.843 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1348508

Ion Ratio Lower Upper

105 100

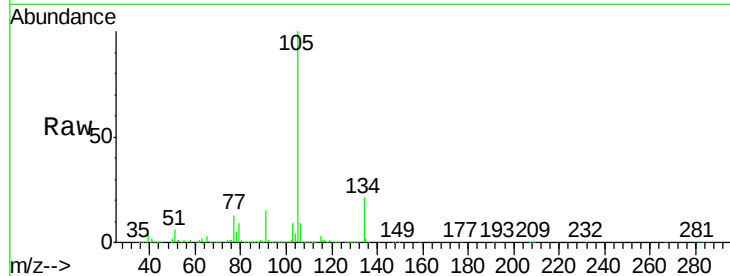
134 20.6 10.2 30.6

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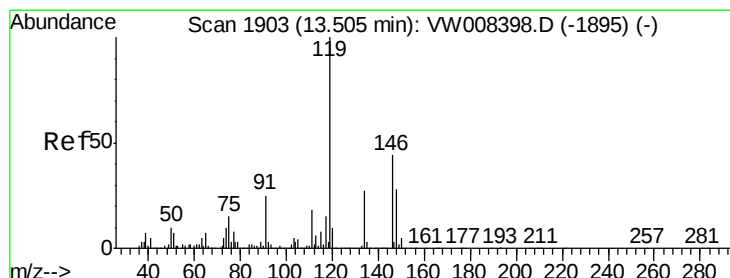
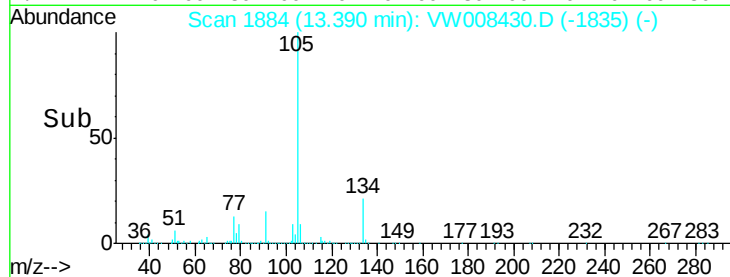
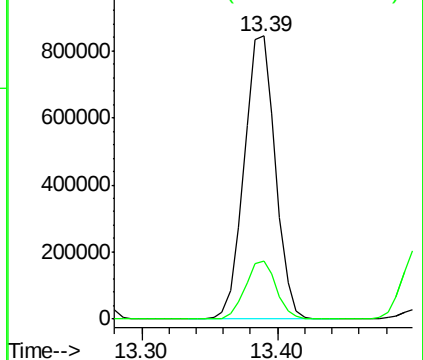
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.548 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

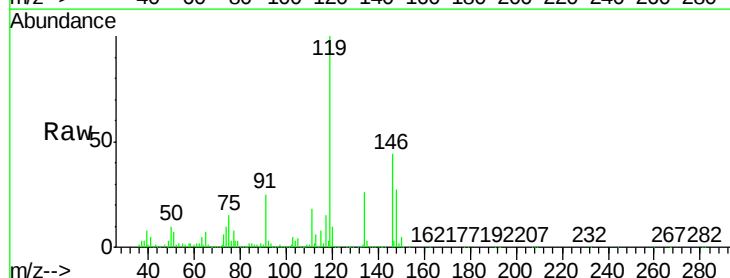
Tgt Ion:119 Resp: 1197910

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

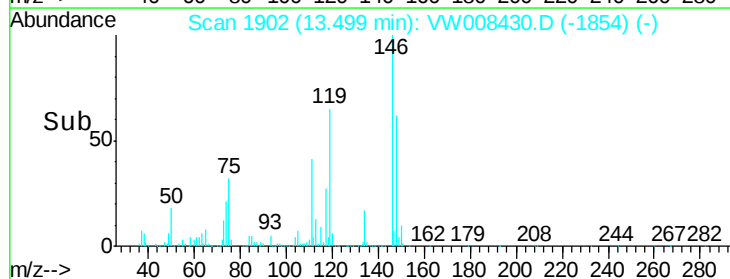
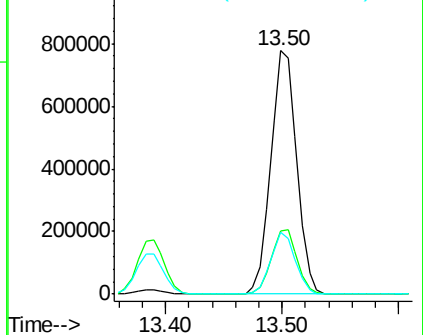
91 24.2 12.6 37.6

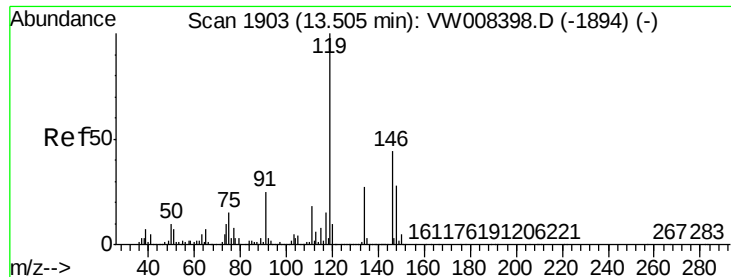


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.839 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

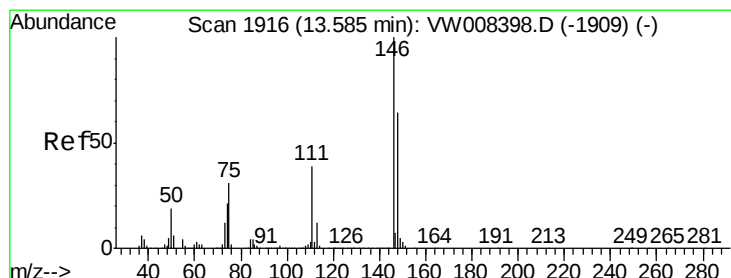
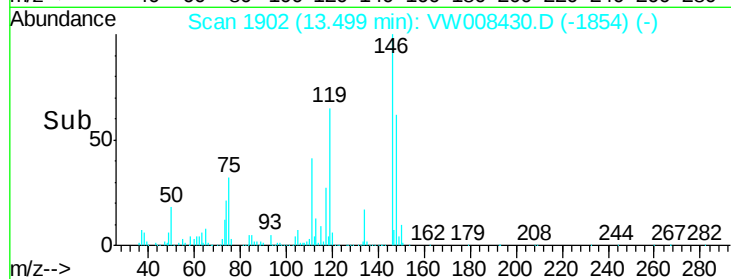
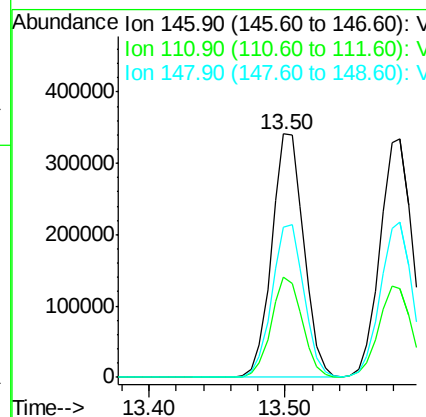
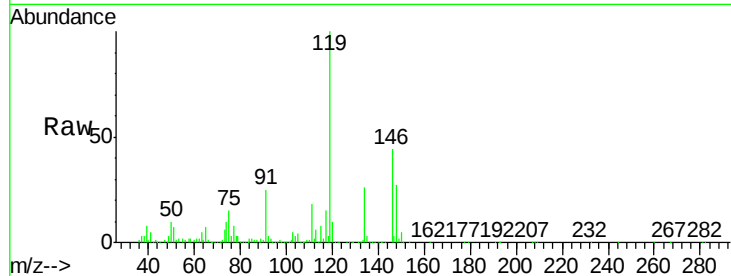
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	40.0	20.3	60.9
148	62.9	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 49.195 ug/l

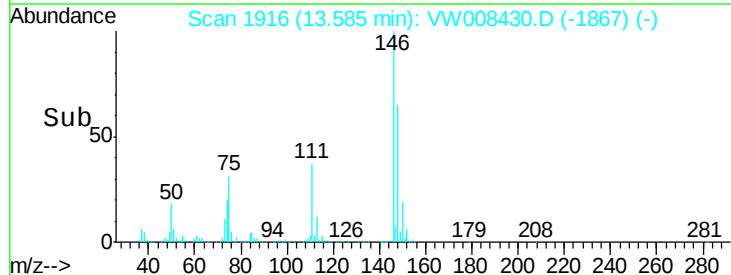
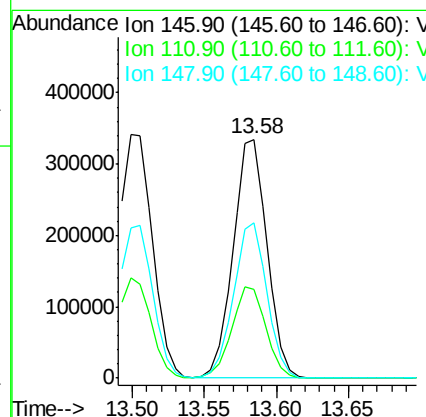
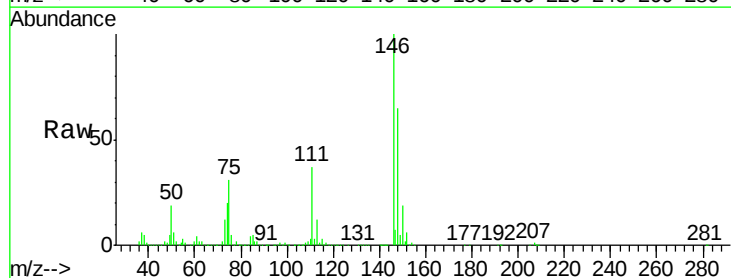
RT: 13.58 min Scan# 1916

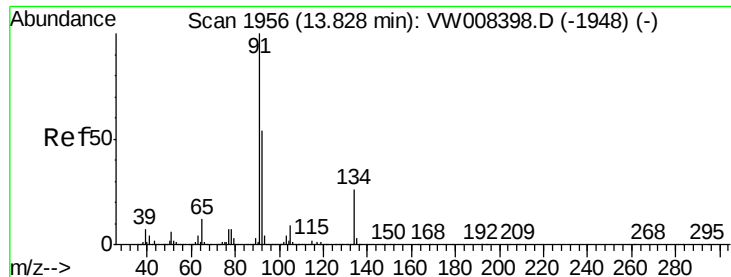
Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	38.6	20.0	60.0
148	64.0	32.0	96.2





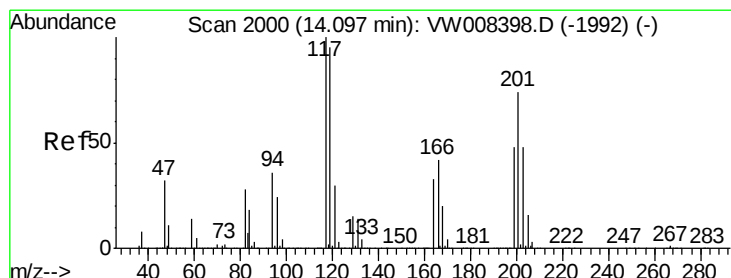
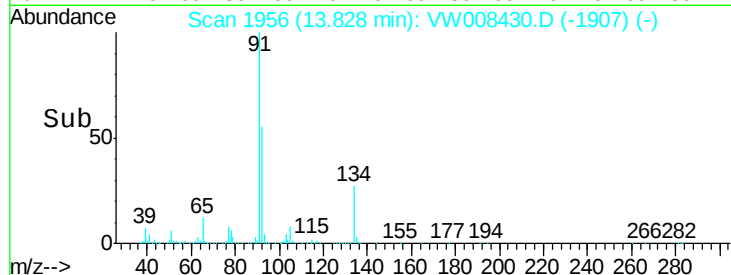
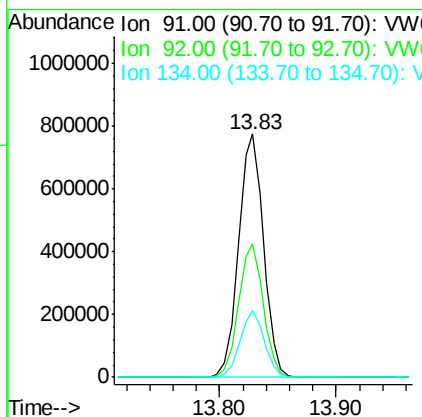
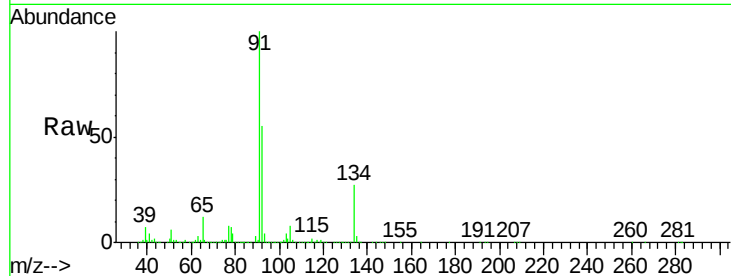
#89
n-Butylbenzene
Concen: 49.454 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1150745
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 26.8 13.0 39.0

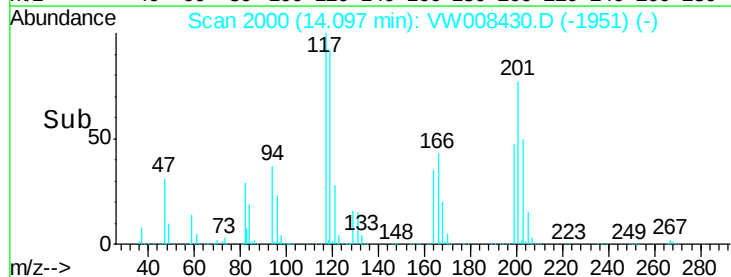
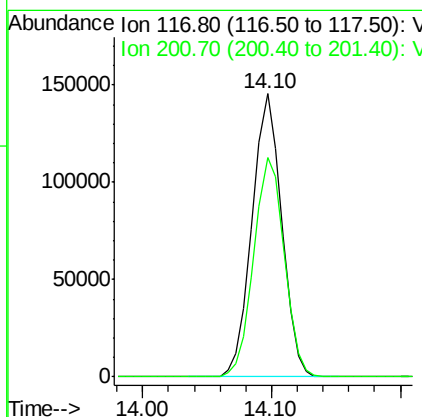
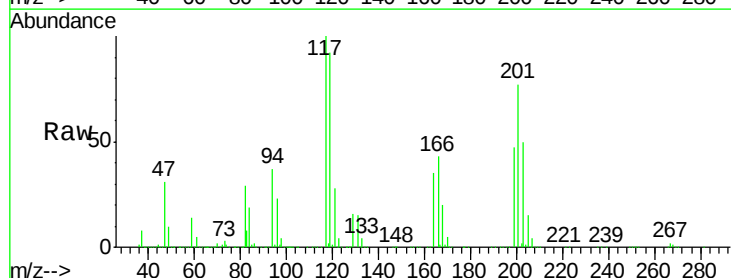
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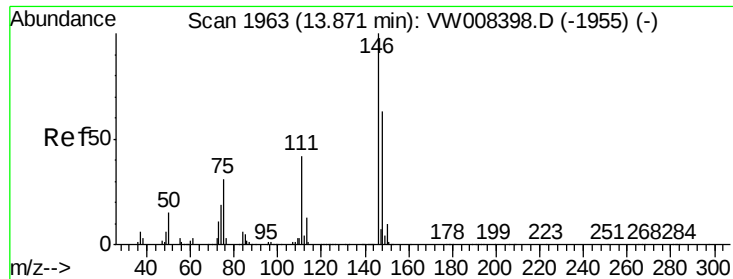
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#90
Hexachloroethane
Concen: 49.856 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 117 Resp: 231062
Ion Ratio Lower Upper
117 100
201 79.7 39.1 117.5





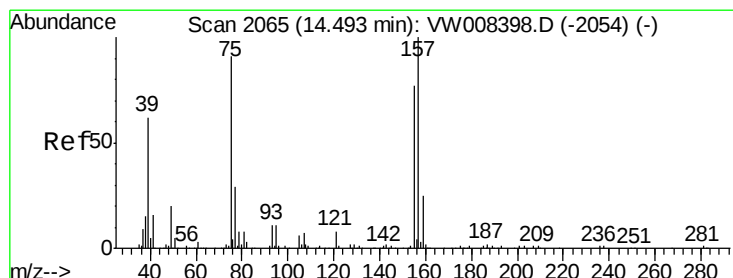
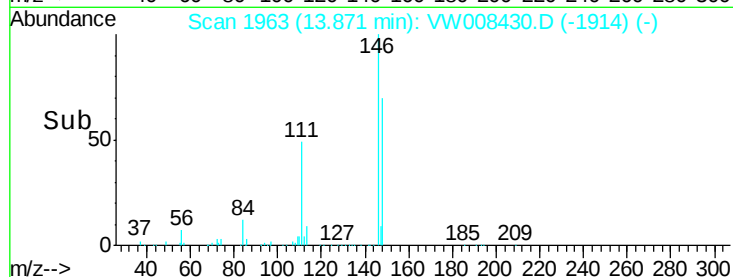
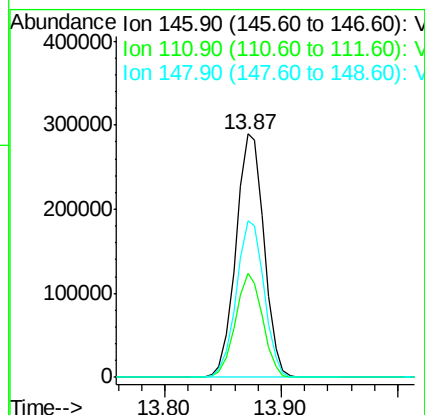
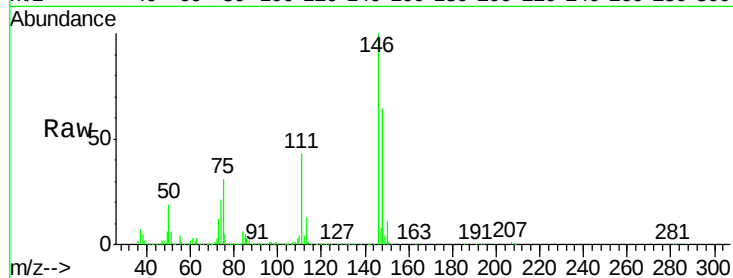
#91
 1,2-Dichlorobenzene
 Concen: 48.798 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	485046		
111	41.5		21.1	63.3
148	63.8		31.9	95.5

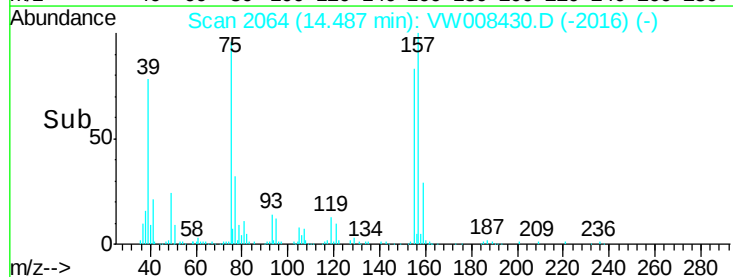
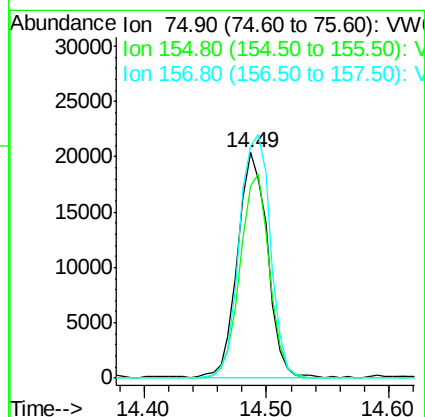
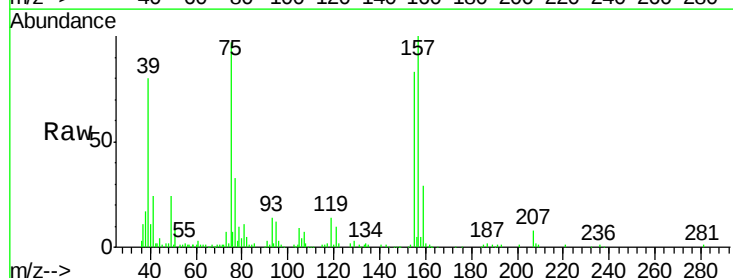
Manual Integrations
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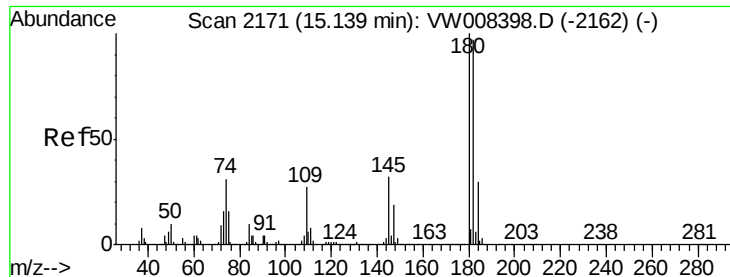
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.960 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34399		
155	88.3		42.7	128.1
157	112.3		55.5	166.3





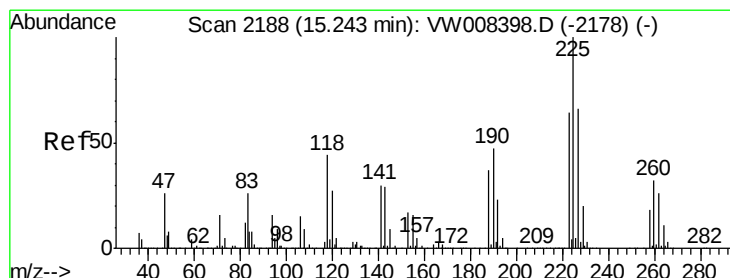
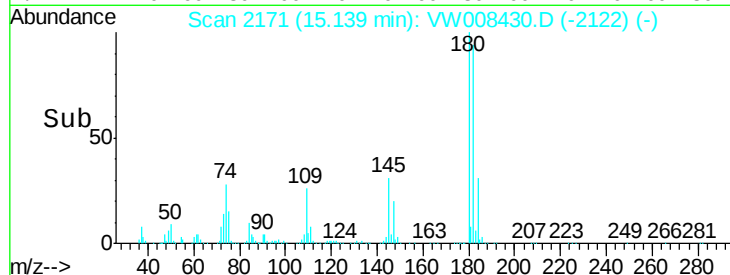
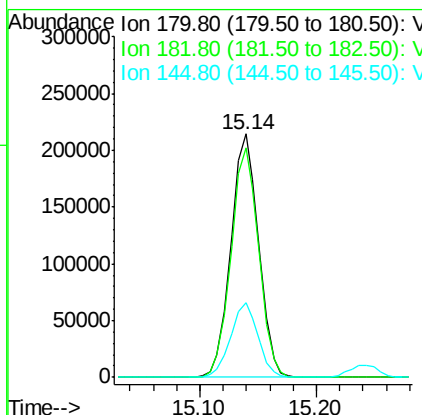
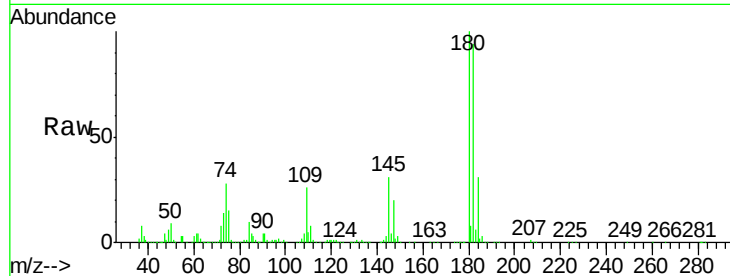
#93
 1,2,4-Trichlorobenzene
 Concen: 49.777 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	353074		
182	94.6	47.9	143.7	
145	30.6	15.5	46.5	

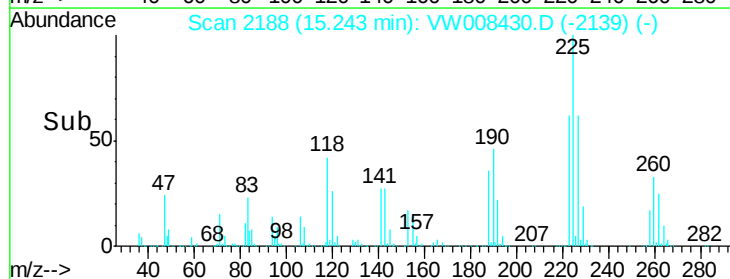
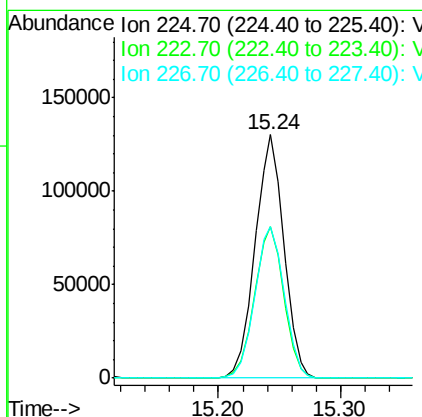
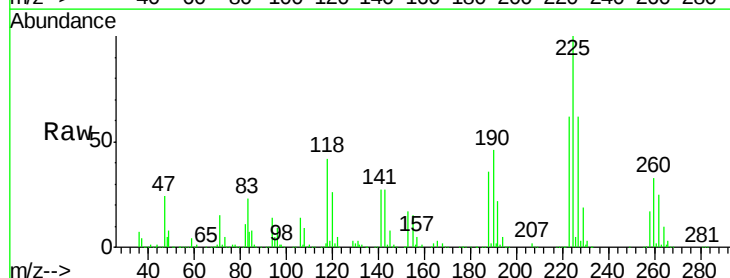
Manual Integrations
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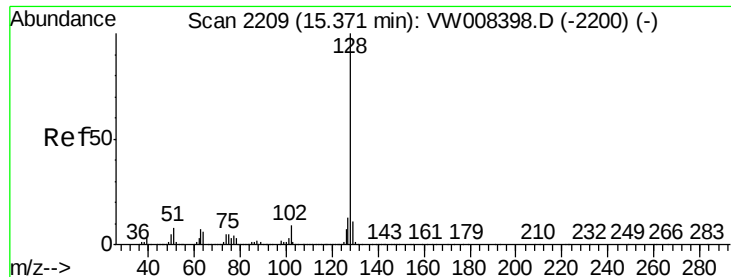
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#94
 Hexachlorobutadiene
 Concen: 49.884 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	213241		
223	63.1	31.7	95.1	
227	63.8	32.1	96.3	





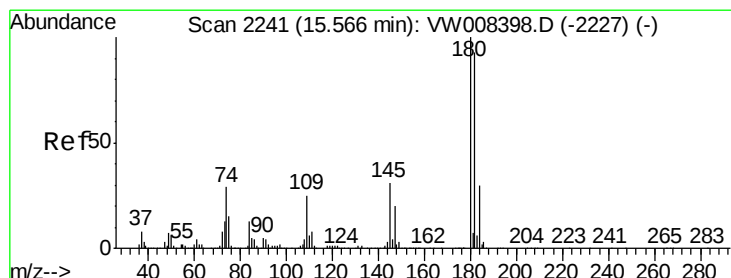
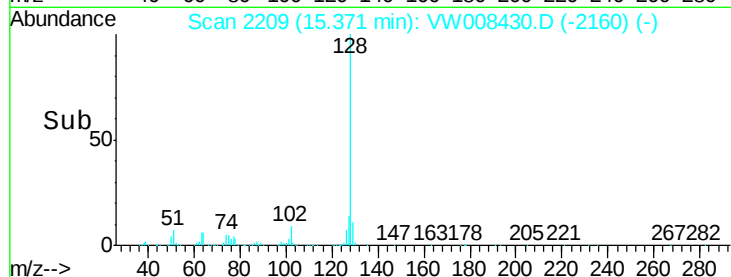
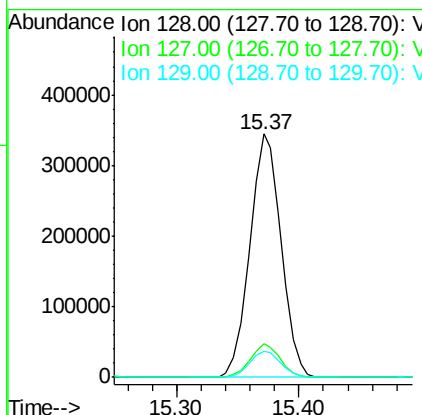
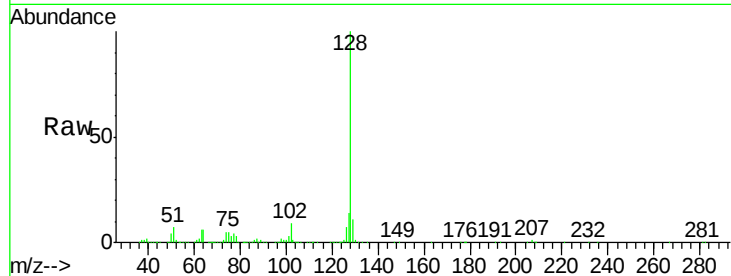
#95
Naphthalene
Concen: 48.942 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	609550		
127	13.2		10.6	15.8
129	10.9		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.290 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	296575		
182	93.7		47.0	141.2
145	32.7		15.9	47.6

