

Data File : VW012682.D
Acq On : 06 Sep 2019 10:56
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
9/9/2019 4:45:07 AM

Quant Time: Sep 07 05:16:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125415	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	7.88	113	100637	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.32	98	399119	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.62	95	143246	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	74045	51.600	ug/l	93
3) Chloromethane	2.21	50	92497	41.606	ug/l	99
4) Vinyl Chloride	2.36	62	114089	41.928	ug/l	98
5) Bromomethane	2.78	94	64445	46.765	ug/l	96
6) Chloroethane	2.92	64	67496	43.971	ug/l	90
7) Trichlorofluoromethane	3.25	101	80126	58.643	ug/l	99
8) Diethyl Ether	3.68	74	60469	46.625	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119665	51.525	ug/l	98
10) Methyl Iodide	4.27	142	160246	50.995	ug/l	99
11) Tert butyl alcohol	5.20	59	35120	210.652	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	115700	49.495	ug/l	97
13) Acrolein	3.90	56	36979	235.629	ug/l	99
14) Allyl chloride	4.66	41	242978	48.621	ug/l	97
15) Acrylonitrile	5.36	53	144840	225.317	ug/l	99
16) Acetone	4.13	43	165009	233.008	ug/l	98
17) Carbon Disulfide	4.38	76	315858	44.710	ug/l	100
18) Methyl Acetate	4.67	43	74692	42.584	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	193217	51.112	ug/l	96
20) Methylene Chloride	4.91	84	124947	46.671	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	123021	49.077	ug/l	95
22) Diisopropyl ether	6.31	45	435045	46.965	ug/l	99
23) Vinyl Acetate	6.25	43	1330958	233.472	ug/l	99
24) 1,1-Dichloroethane	6.21	63	249613	49.490	ug/l	100
25) 2-Butanone	7.17	43	204429	212.434	ug/l	99
26) 2,2-Dichloropropane	7.16	77	154246	54.031	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	133053	49.680	ug/l	99
28) Bromochloromethane	7.51	49	99933	45.460	ug/l	93
29) Tetrahydrofuran	7.53	42	121054	209.672	ug/l	97
30) Chloroform	7.67	83	234456	50.809	ug/l	100
31) Cyclohexane	7.95	56	215386	43.163	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	195061	53.436	ug/l	99
36) 1,1-Dichloropropene	8.08	75	191755	52.469	ug/l	99
37) Ethyl Acetate	7.25	43	92498	46.187	ug/l	99
38) Carbon Tetrachloride	8.06	117	180482	57.057	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205695	50.100	ug/l	100
40) Benzene	8.32	78	507847	50.890	ug/l	100
41) Methacrylonitrile	7.48	41	55946	47.531	ug/l	99
42) 1,2-Dichloroethane	8.40	62	169043	54.049	ug/l	99
43) Isopropyl Acetate	8.42	43	172942	46.620	ug/l	98
44) Trichloroethene	9.09	130	130700	53.877	ug/l	93
45) 1,2-Dichloropropane	9.37	63	134993	50.263	ug/l	99
46) Dibromomethane	9.46	93	59715	49.973	ug/l	96
47) Bromodichloromethane	9.64	83	168856	53.095	ug/l	96
48) Methyl methacrylate	9.43	41	83871	47.503	ug/l	98
49) 1,4-Dioxane	9.46	88	15209	831.396	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	437423	231.832	ug/l	99
52) Toluene	10.38	92	320030	53.383	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	172035	53.105	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205268	52.478	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	86996	51.456	ug/l	98
56) Ethyl methacrylate	10.65	69	122929	49.958	ug/l	99
57) 1,3-Dichloropropane	10.93	76	161862	50.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	305301	241.752	ug/l	98
59) 2-Hexanone	10.97	43	313729	234.996	ug/l	100
60) Dibromochloromethane	11.13	129	101543	53.922	ug/l	99
61) 1,2-Dibromoethane	11.23	107	78808	50.034	ug/l	98
64) Tetrachloroethene	10.86	164	108024	54.982	ug/l	98
65) Chlorobenzene	11.65	112	320998	53.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	115685	55.572	ug/l	99
67) Ethyl Benzene	11.73	91	622017	54.113	ug/l	98
68) m/p-Xylenes	11.84	106	439478	106.140	ug/l	99
69) o-Xylene	12.16	106	208137	54.313	ug/l	100
70) Styrene	12.18	104	363524	54.804	ug/l	99
71) Bromoform	12.35	173	57046	55.002	ug/l #	99
73) Isopropylbenzene	12.46	105	601598	53.952	ug/l	99
74) N-amyl acetate	12.27	43	157705	46.812	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	97473	47.682	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78946m	54.471	ug/l	
77) Bromobenzene	12.74	156	126898	52.604	ug/l	94
78) n-propylbenzene	12.80	91	724927	53.254	ug/l	98
79) 2-Chlorotoluene	12.89	91	408223	52.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	511700	54.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32293	48.853	ug/l	97
82) 4-Chlorotoluene	12.99	91	428711	52.978	ug/l	100
83) tert-Butylbenzene	13.21	119	440589	55.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	504573	53.910	ug/l	100
85) sec-Butylbenzene	13.38	105	609382	53.891	ug/l	99
86) p-Isopropyltoluene	13.50	119	554412	54.901	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	250723	53.137	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	245538	52.409	ug/l	99
89) n-Butylbenzene	13.82	91	516121	51.395	ug/l	99
90) Hexachloroethane	14.09	117	93486	52.766	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	218390	52.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17213	49.947	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158920	55.557	ug/l	99
94) Hexachlorobutadiene	15.24	225	110734	58.627	ug/l	97
95) Naphthalene	15.36	128	265389	47.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	133620	53.540	ug/l	99

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

Data File : VW012682.D

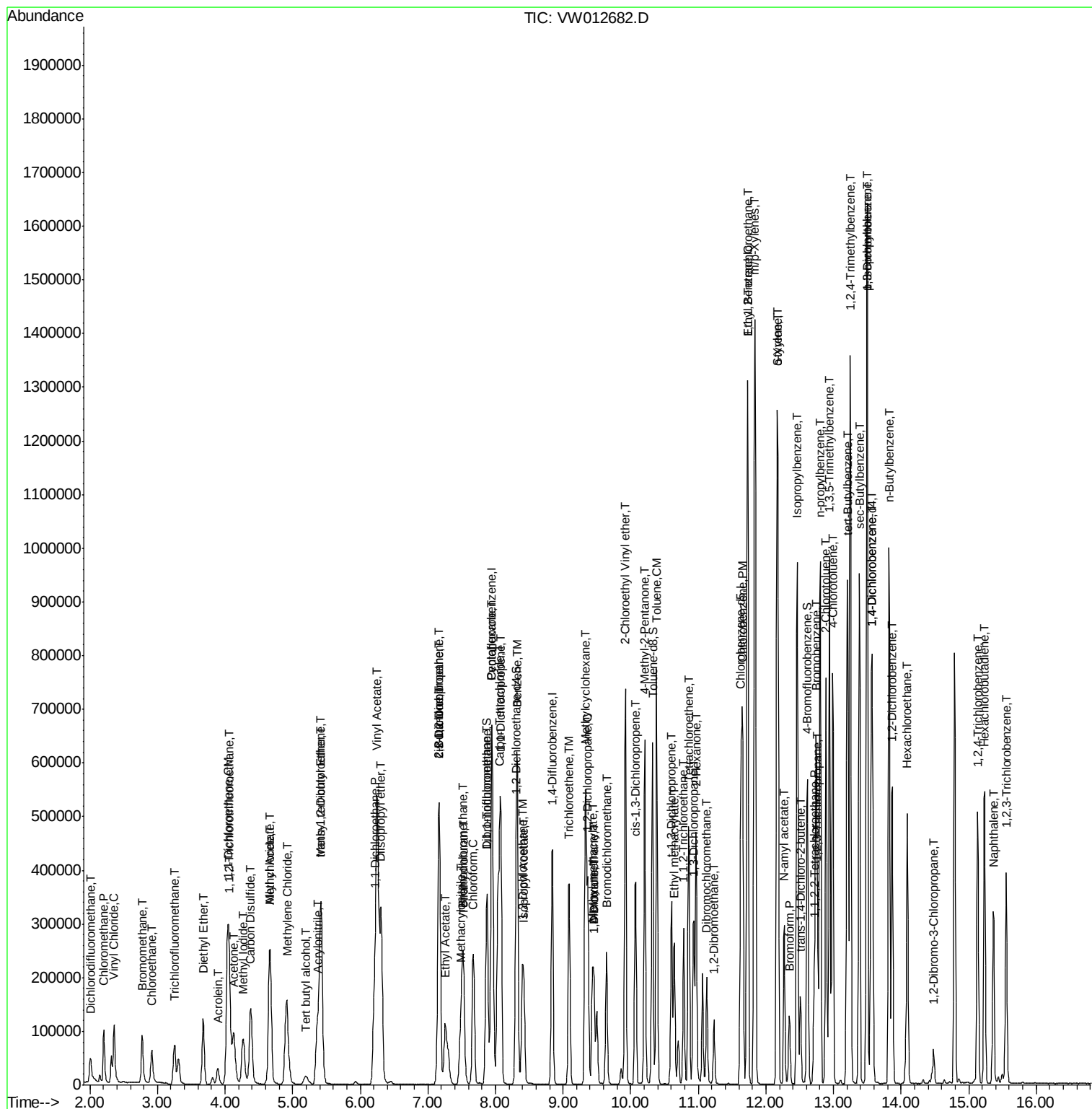
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Acq On       : 06 Sep 2019   10:56
Operator    : SY/VA
Sample      : VSTDCCC050
Misc       : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 2      Sample Multiplier: 1
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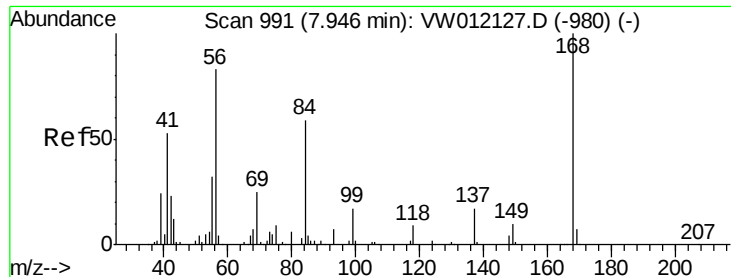
Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 233049

Ion Ratio Lower Upper

168 100

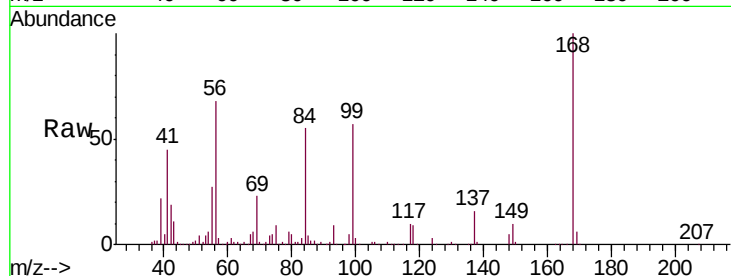
99 57.0 49.2 73.8

Manual Integrations

APPROVED

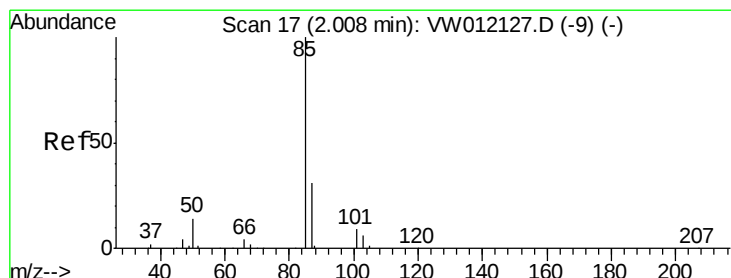
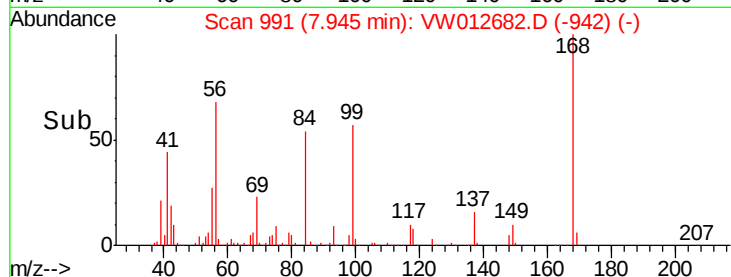
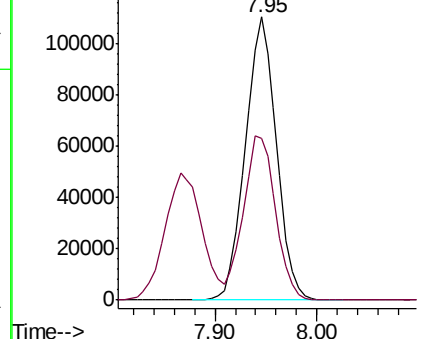
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.600 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012682.D

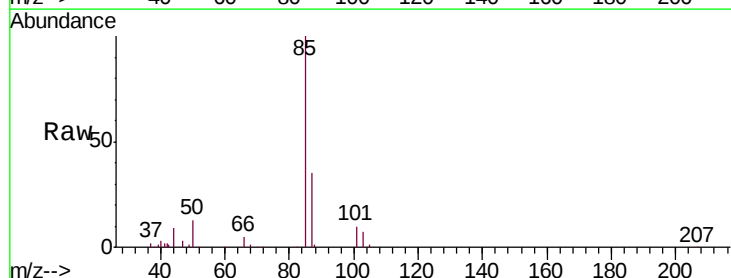
Acq: 06 Sep 2019 10:56

Tgt Ion: 85 Resp: 74045

Ion Ratio Lower Upper

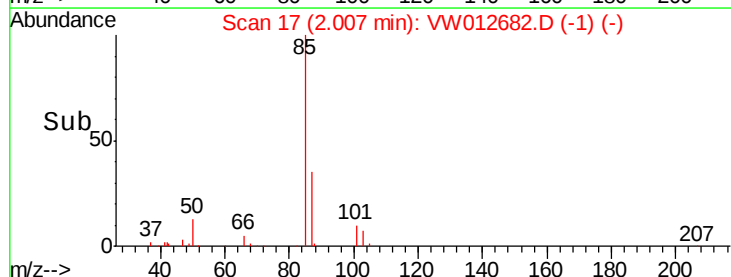
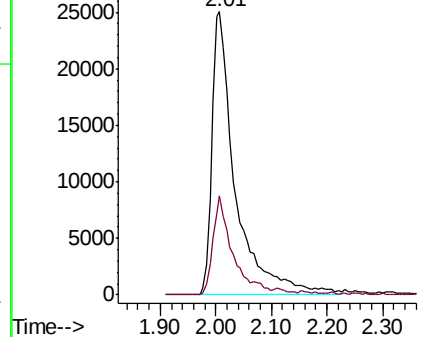
85 100

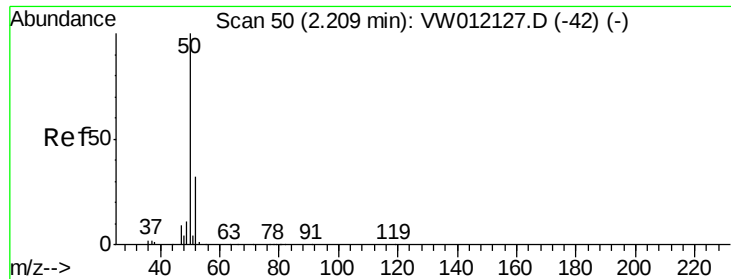
87 35.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 41.606 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 92497

Ion Ratio Lower Upper

50 100

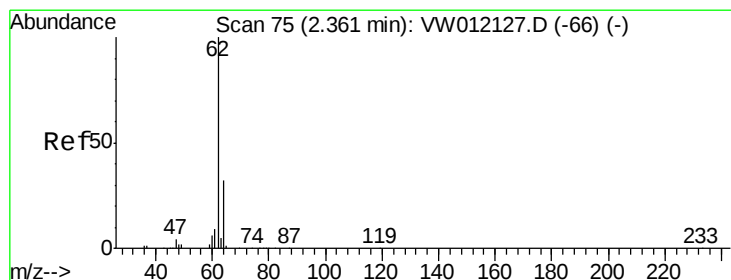
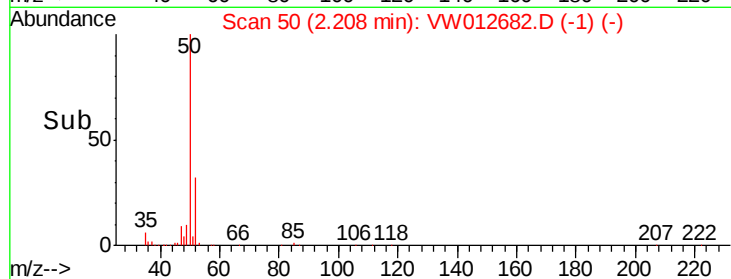
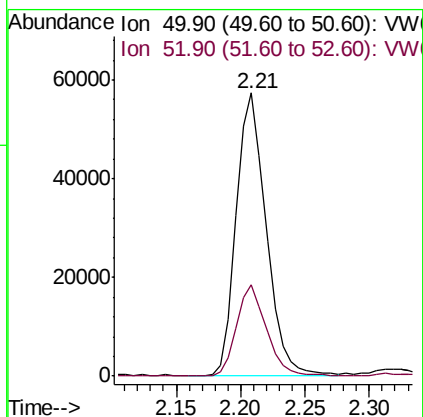
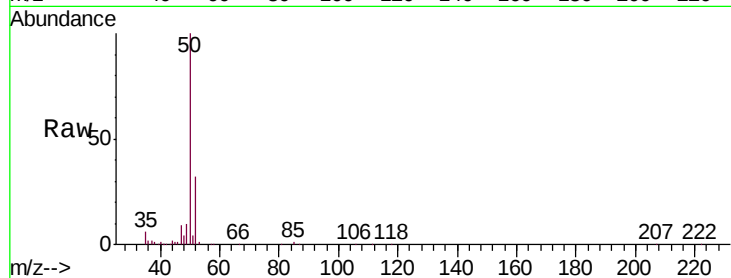
52 32.5 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.928 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012682.D

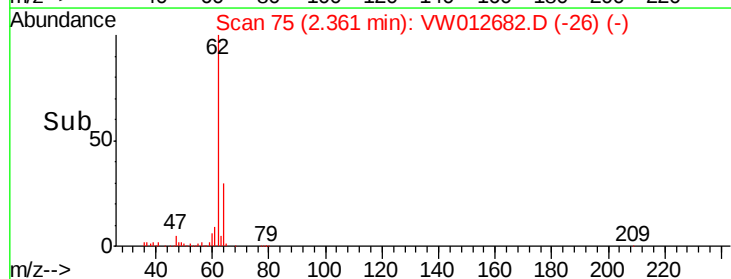
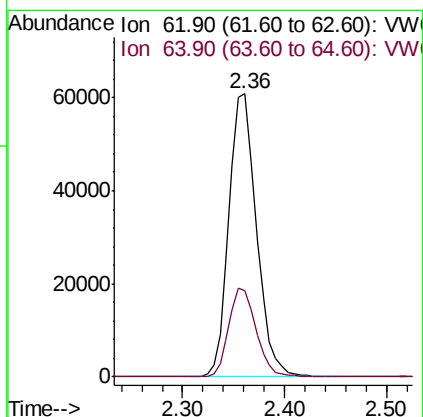
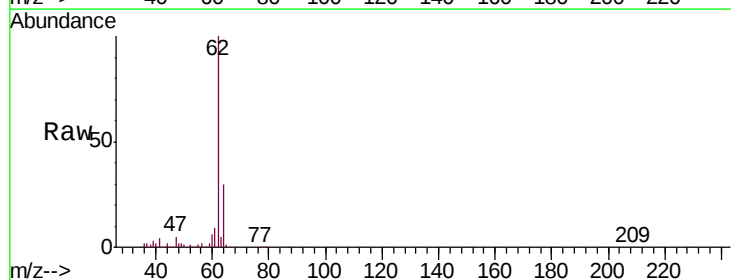
Acq: 06 Sep 2019 10:56

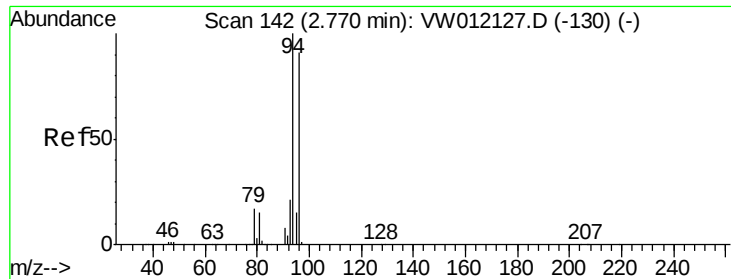
Tgt Ion: 62 Resp: 114089

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 46.765 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 64445

Ion Ratio Lower Upper

94 100

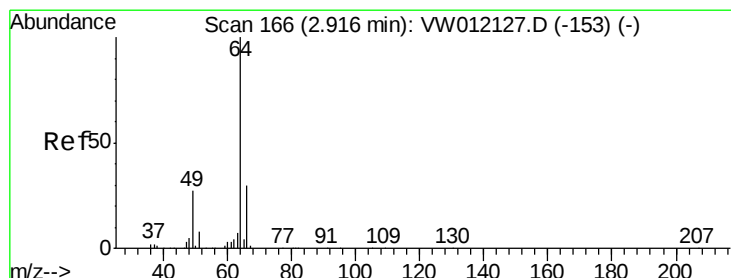
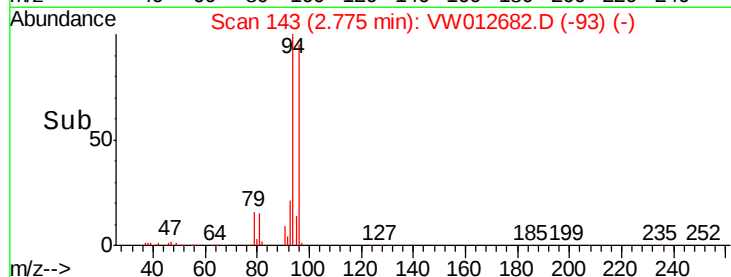
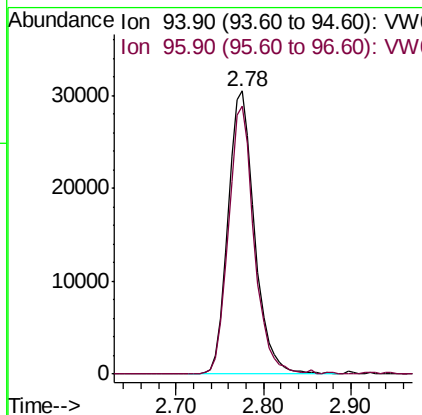
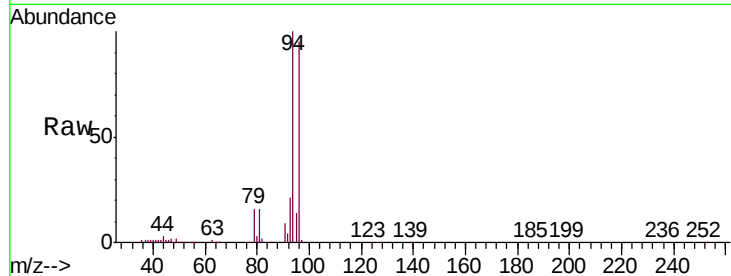
96 94.9 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 43.971 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012682.D

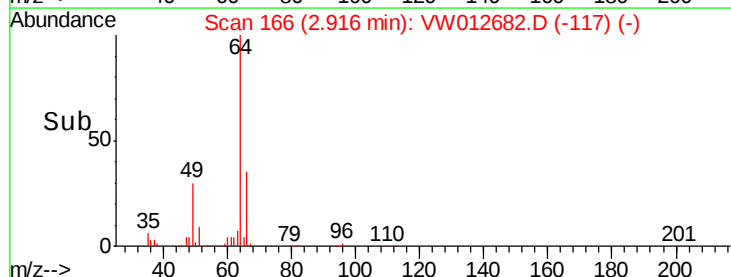
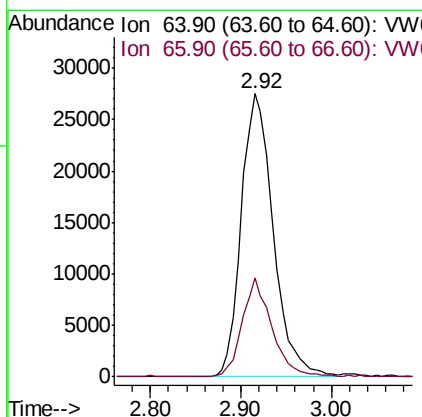
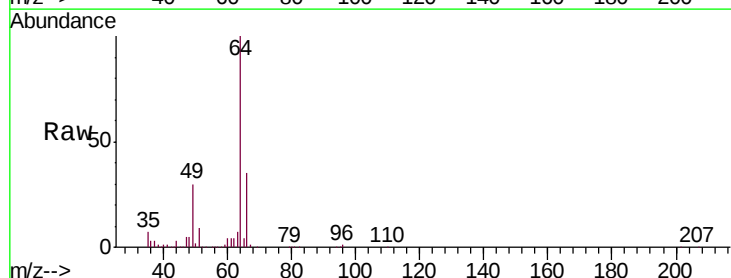
Acq: 06 Sep 2019 10:56

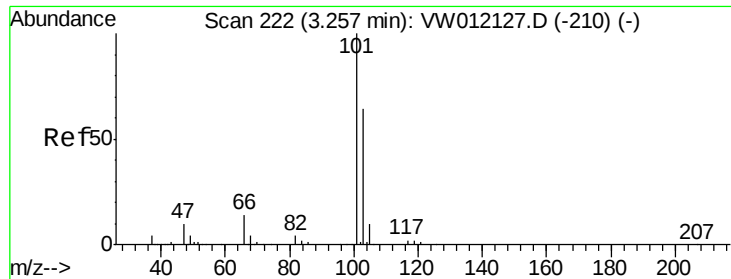
Tgt Ion: 64 Resp: 67496

Ion Ratio Lower Upper

64 100

66 35.1 23.8 35.8





#7

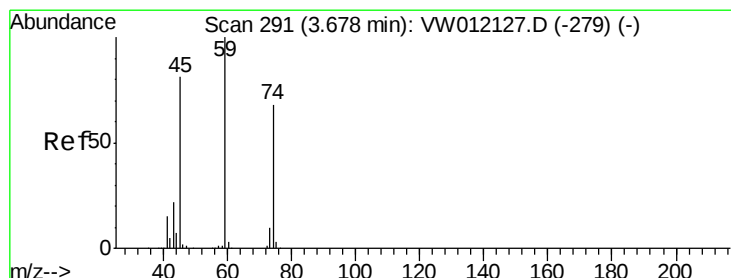
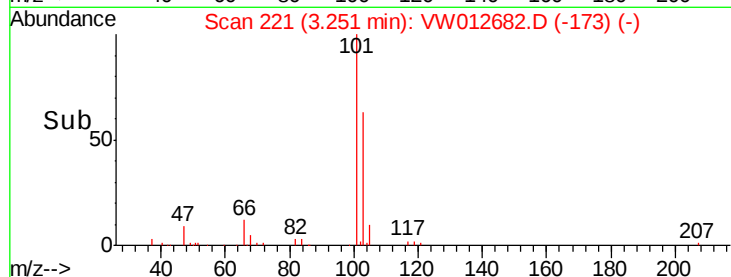
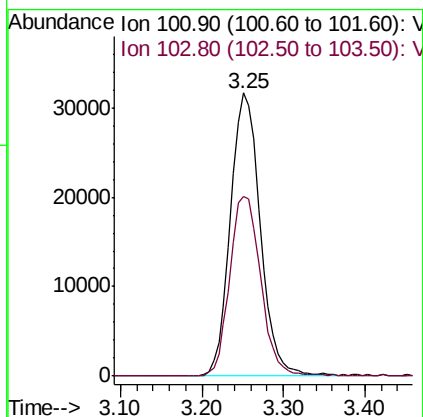
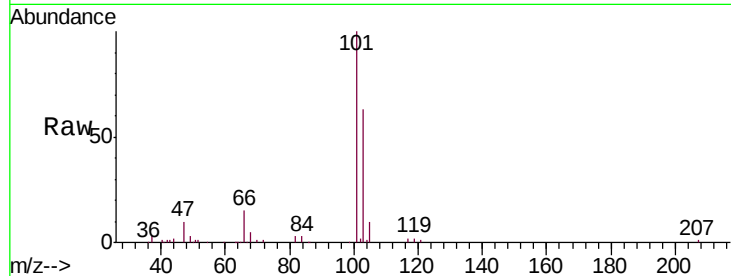
Trichlorofluoromethane
 Concen: 58.643 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	80126		
103	63.4	51.2	76.8	

Manual Integrations
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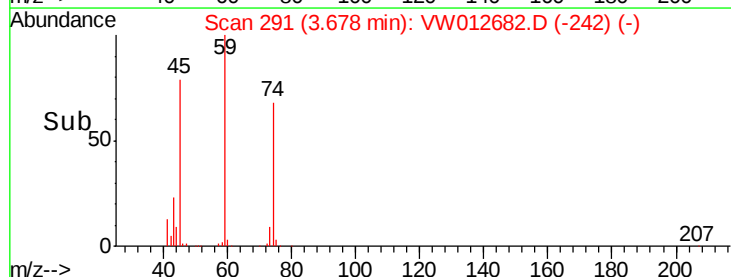
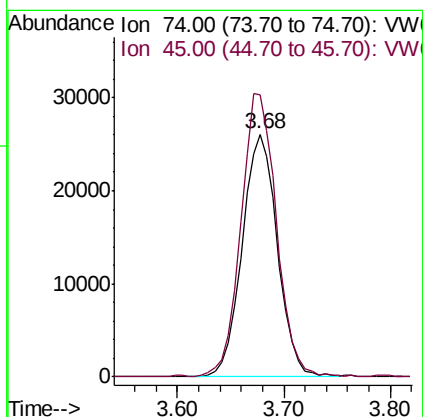
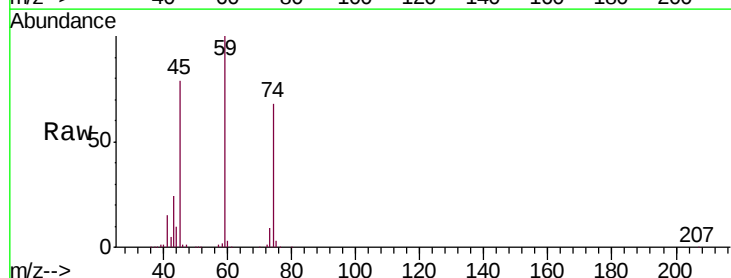
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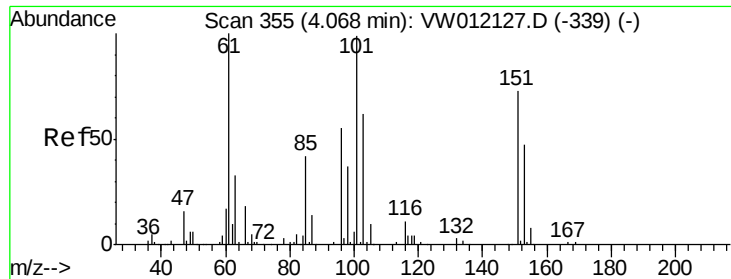


#8

Diethyl Ether
 Concen: 46.625 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012682.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60469		
45	117.3	59.2	177.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.525 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

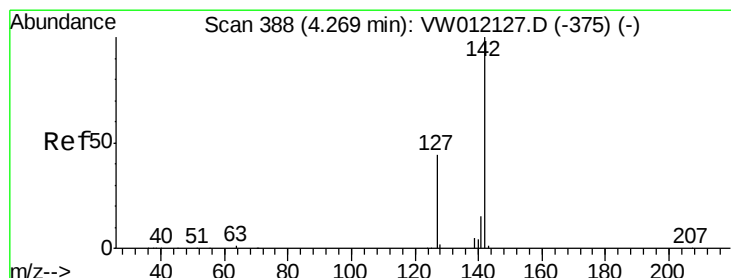
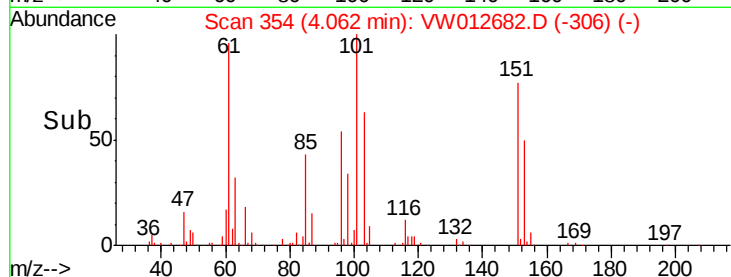
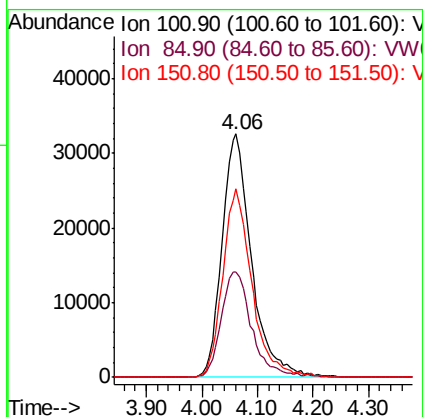
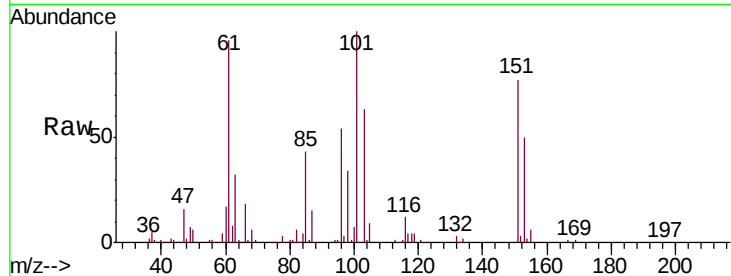
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	119665
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.8	53.6
151	76.5	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 50.995 ug/l

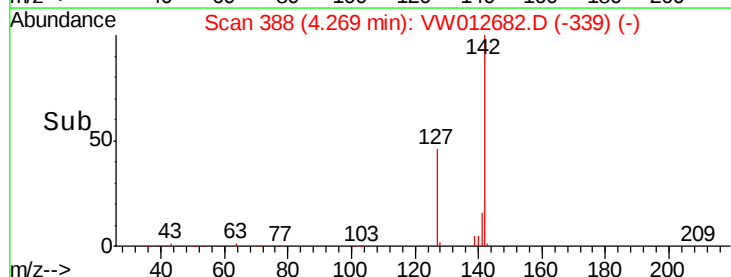
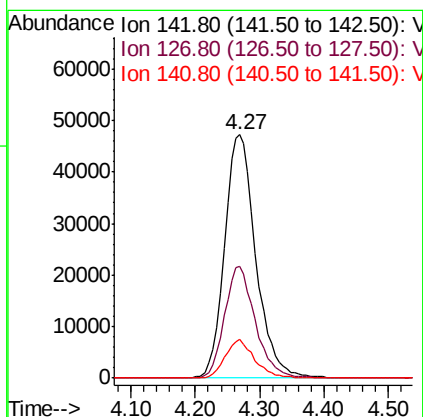
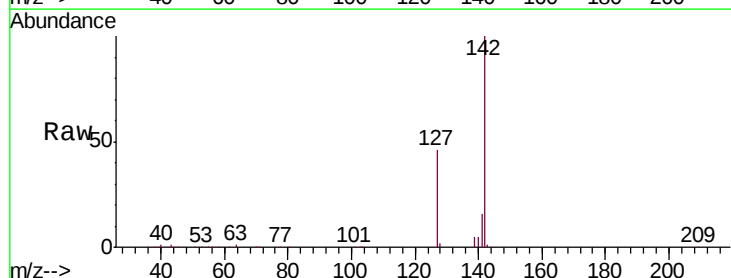
RT: 4.27 min Scan# 388

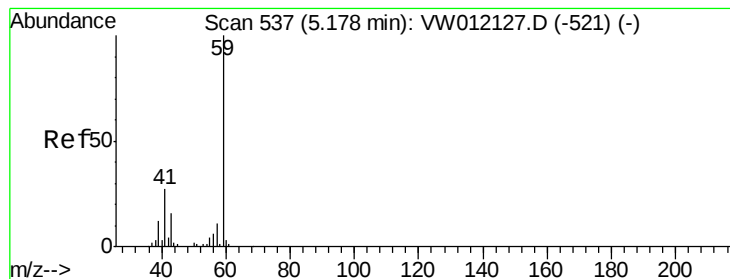
Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion:	142	Resp:	160246
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.5	53.3
141	14.9	11.8	17.8





#11

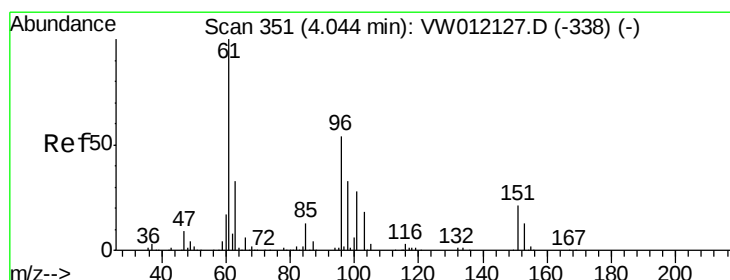
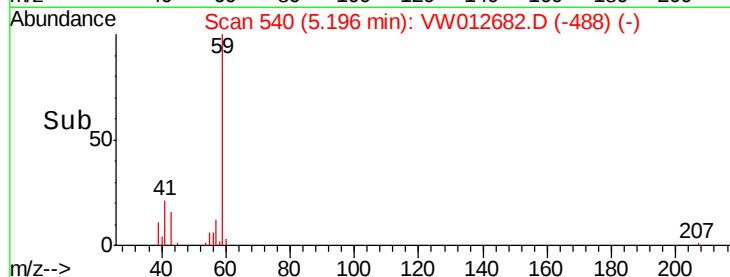
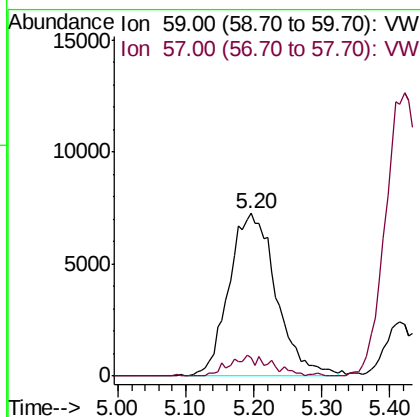
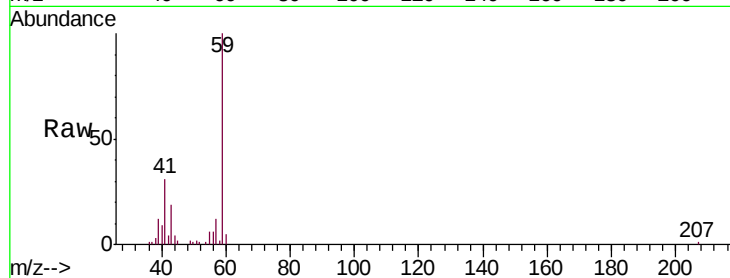
Tert butyl alcohol
Concen: 210.652 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.5	9.0	13.4#

Manual Integrations
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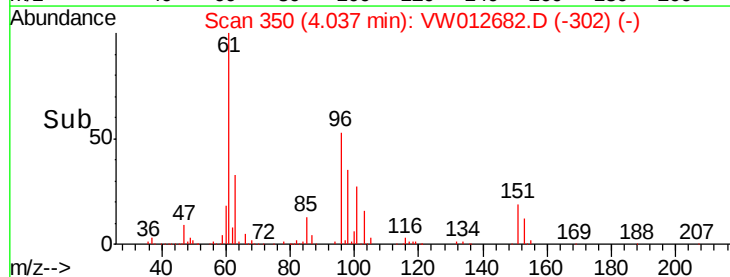
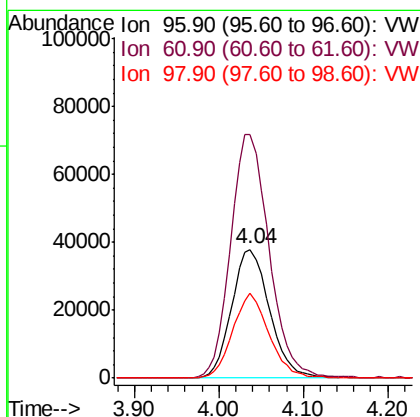
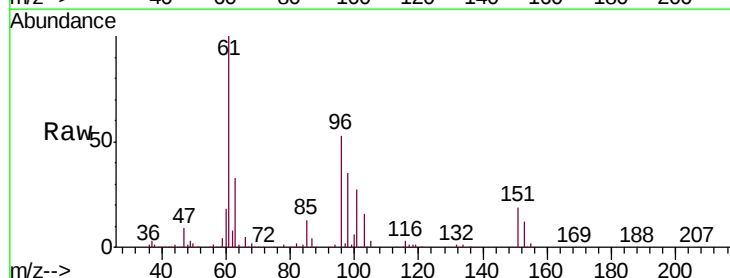
MMDadoda
9/9/2019 4:45:07 AM

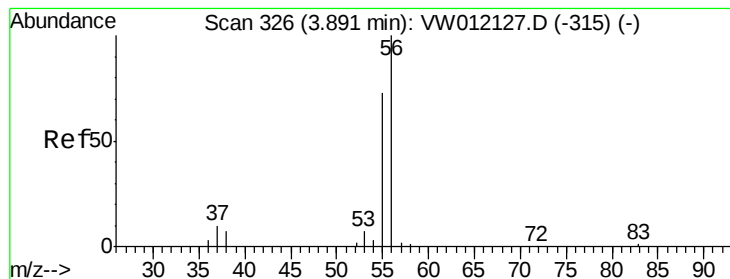


#12

1,1-Dichloroethene
Concen: 49.495 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.6	149.1	223.7
98	66.0	49.4	74.2





#13

Acrolein

Concen: 235.629 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 36979

Ion Ratio Lower Upper

56 100

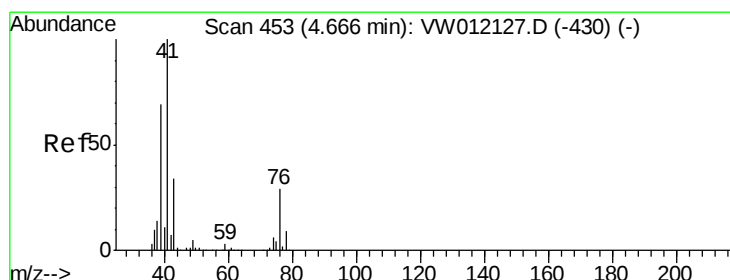
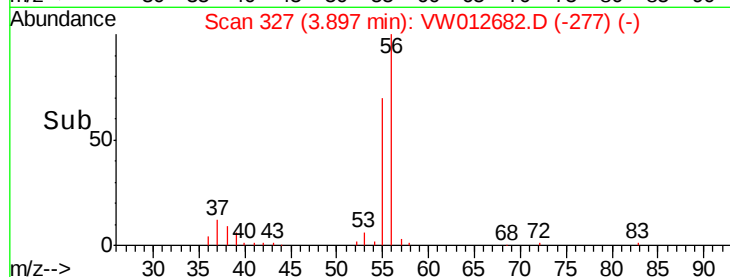
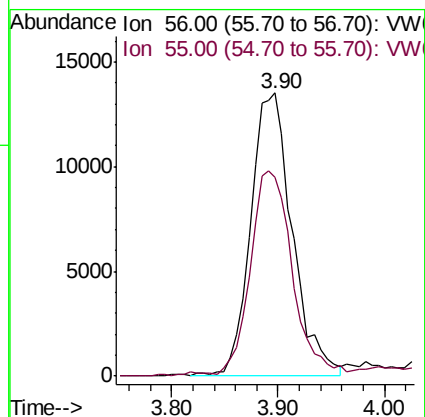
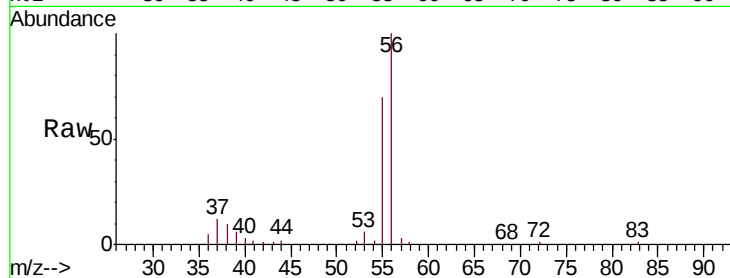
55 71.0 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.621 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

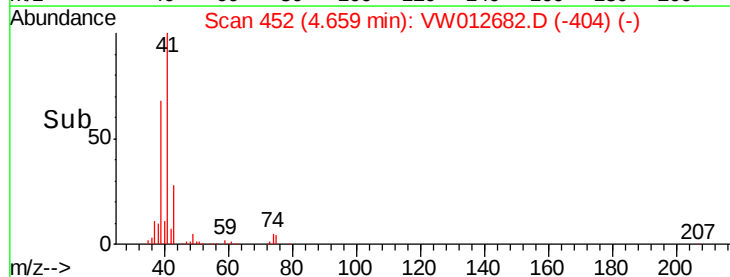
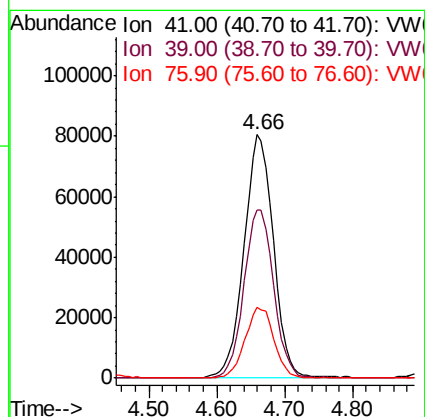
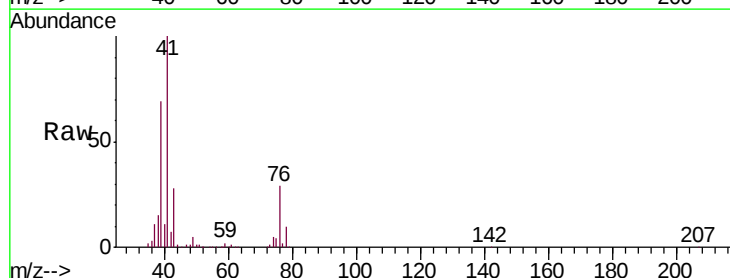
Tgt Ion: 41 Resp: 242978

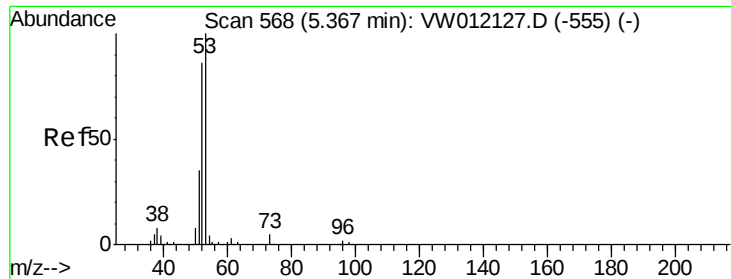
Ion Ratio Lower Upper

41 100

39 69.1 53.4 80.2

76 28.5 22.1 33.1





#15

Acrylonitrile

Concen: 225.317 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

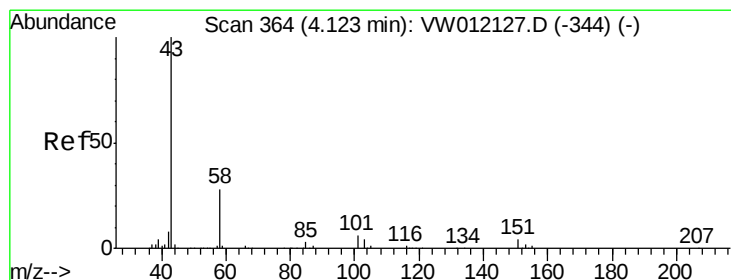
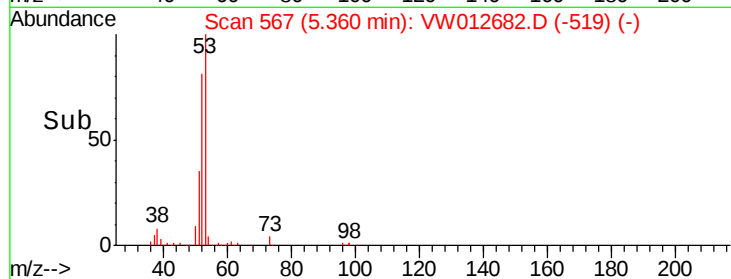
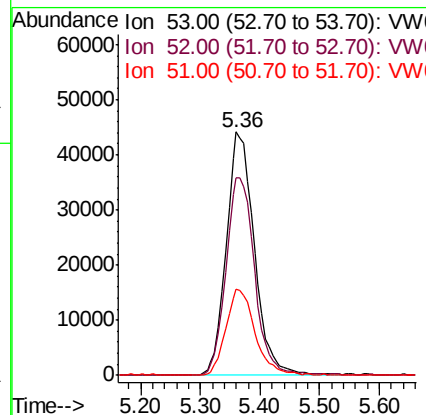
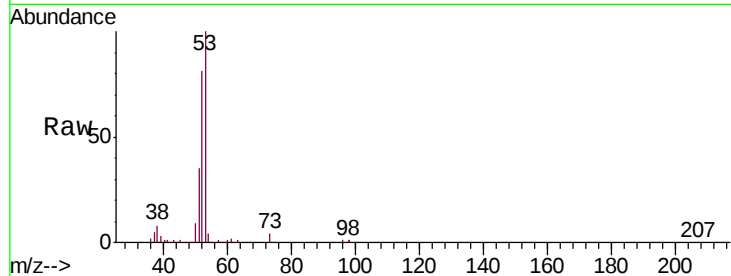
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	144840
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.8	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 233.008 ug/l

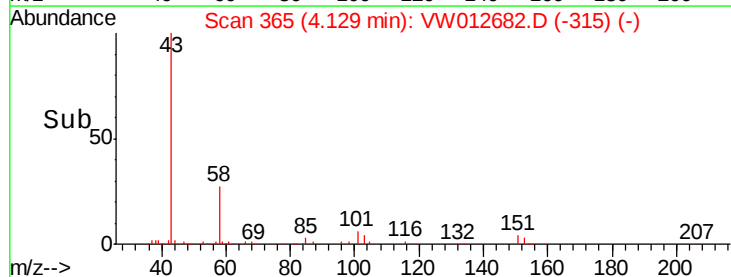
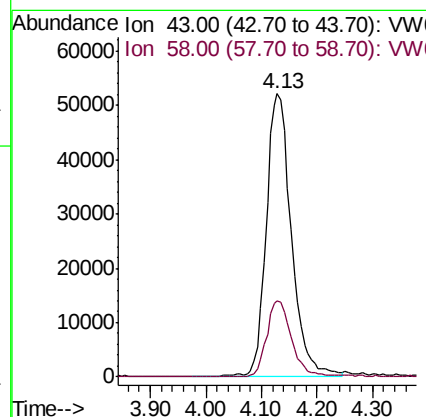
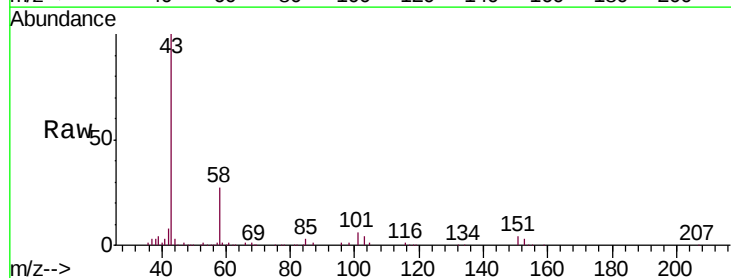
RT: 4.13 min Scan# 365

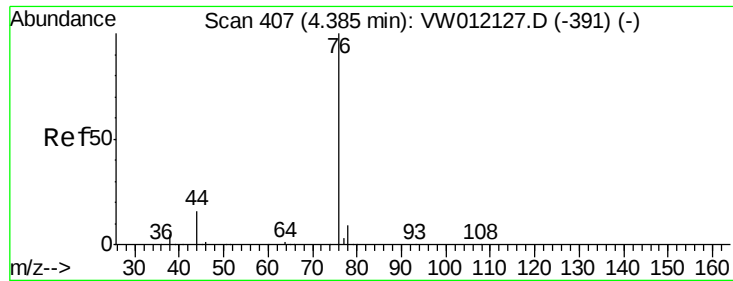
Delta R.T. 0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion:	43	Resp:	165009
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.4	33.6





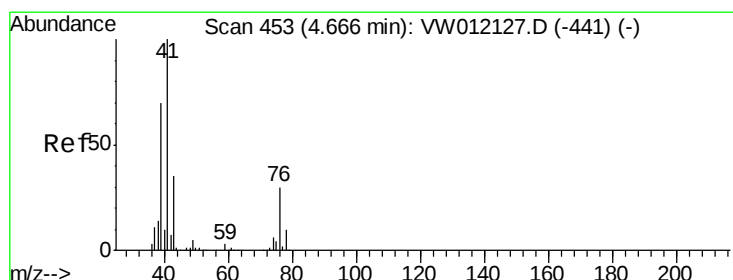
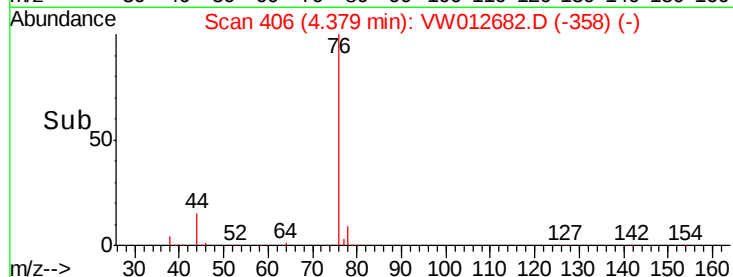
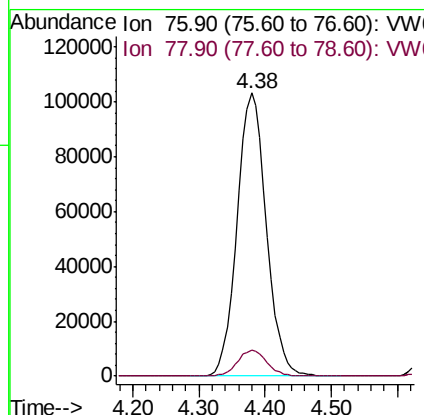
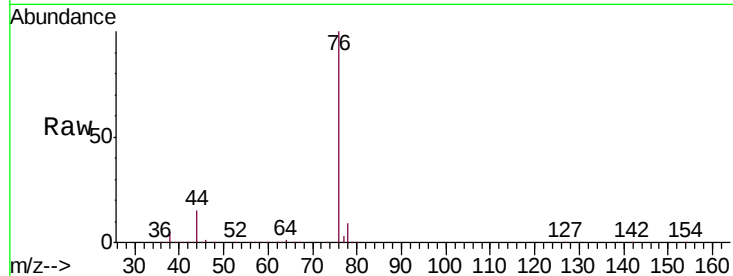
#17
Carbon Disulfide
Concen: 44.710 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 315858
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

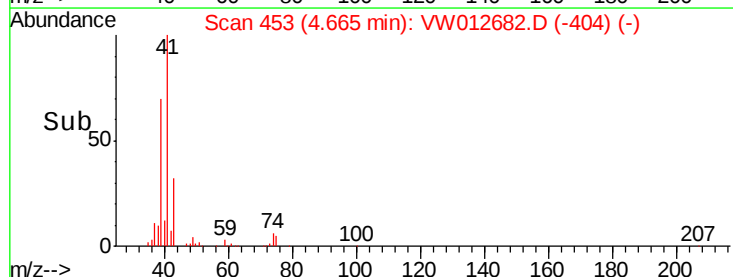
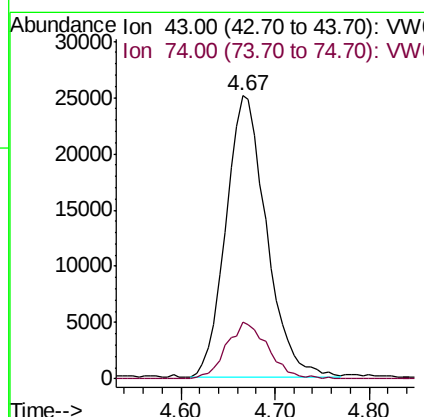
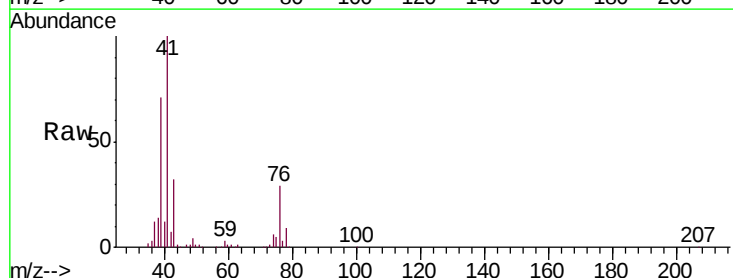
Manual Integrations
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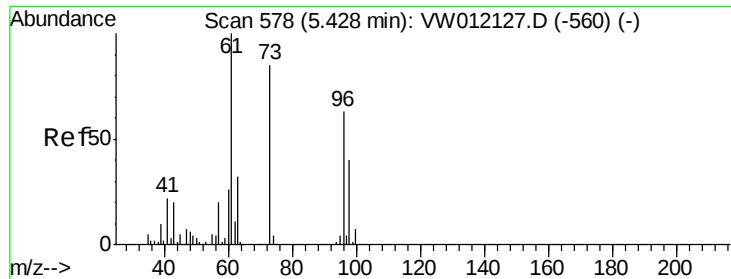
MMDadoda
9/9/2019 4:45:07 AM



#18
Methyl Acetate
Concen: 42.584 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 43 Resp: 74692
Ion Ratio Lower Upper
43 100
74 20.9 15.7 23.5





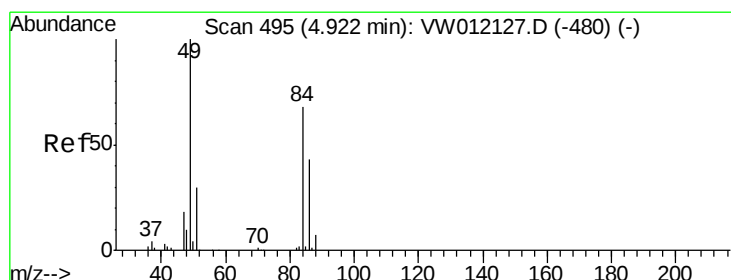
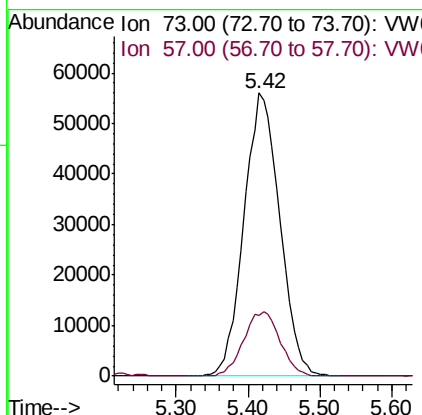
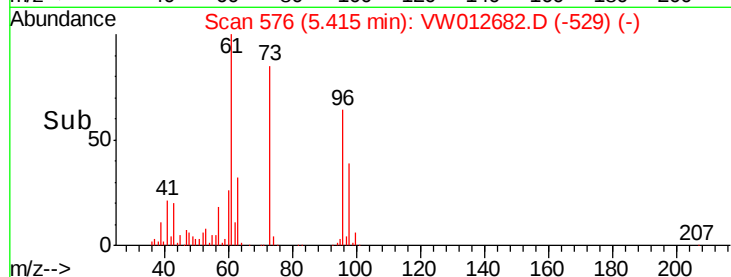
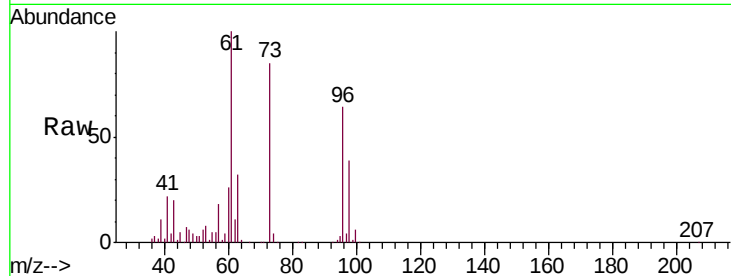
#19
Methyl tert-butyl Ether
Concen: 51.112 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 193217
Ion Ratio Lower Upper
73 100
57 21.6 18.9 28.3

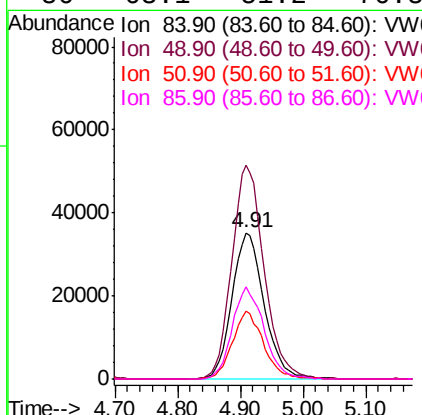
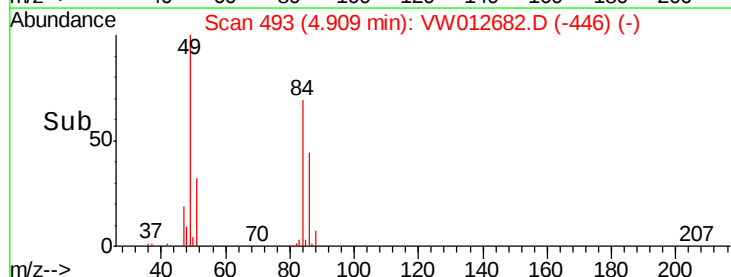
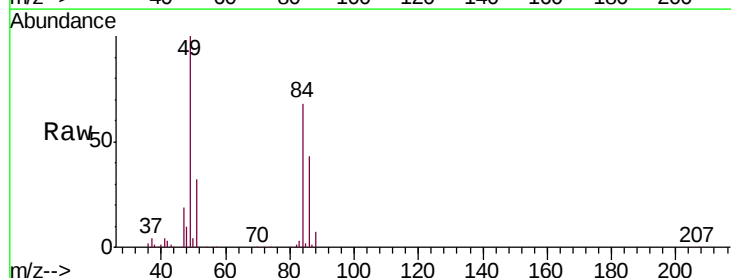
Manual Integrations
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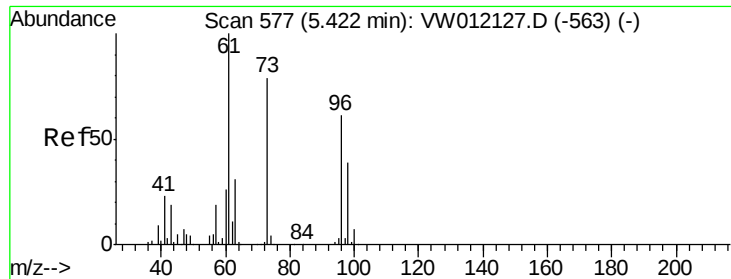
MMDadoda
9/9/2019 4:45:07 AM



#20
Methylene Chloride
Concen: 46.671 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 84 Resp: 124947
Ion Ratio Lower Upper
84 100
49 146.0 117.8 176.8
51 46.5 35.6 53.4
86 63.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.077 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

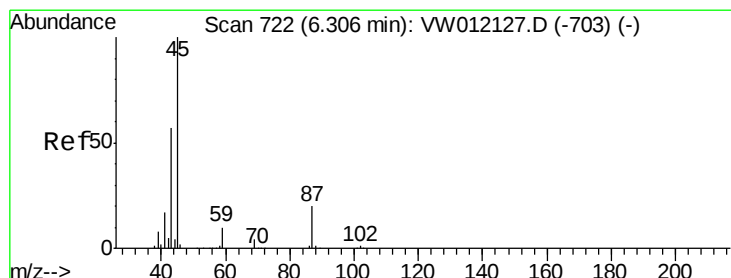
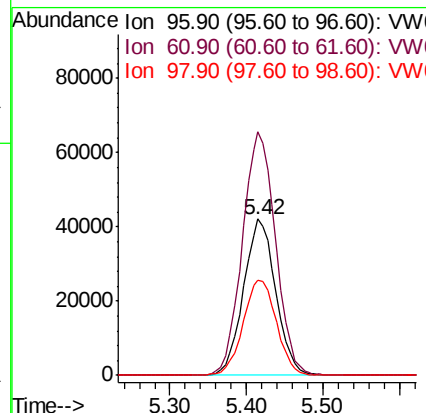
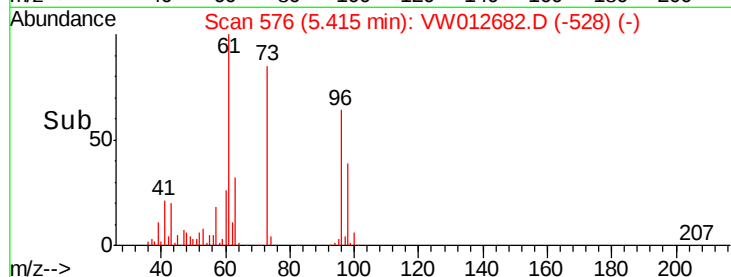
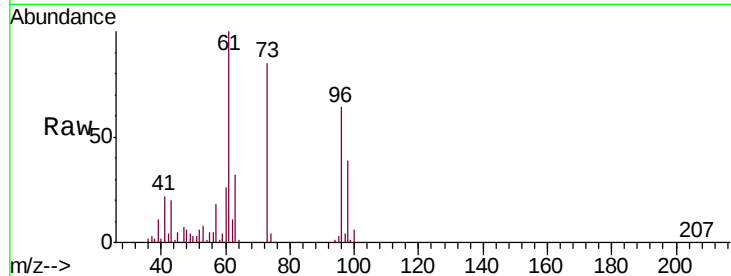
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	123021
Ion	Ratio	Lower	Upper
96	100		
61	155.9	131.4	197.0
98	61.4	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.965 ug/l

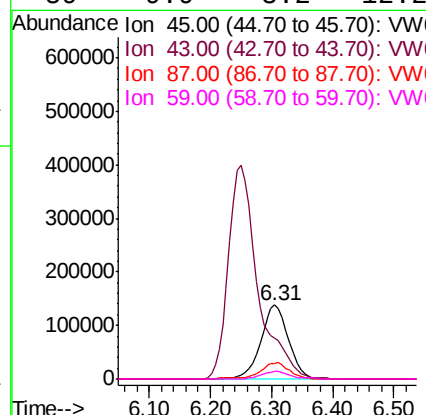
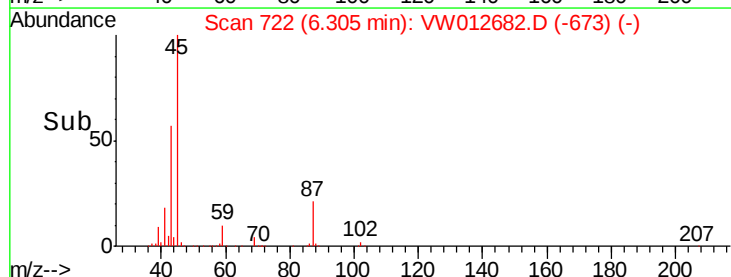
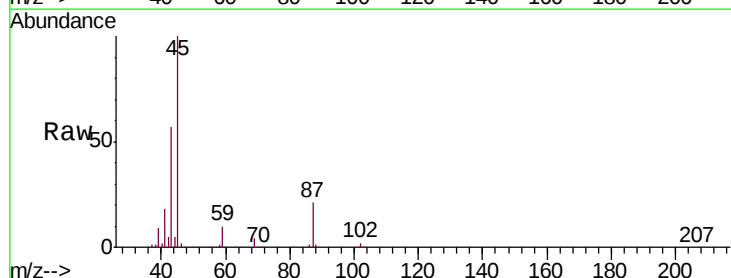
RT: 6.31 min Scan# 722

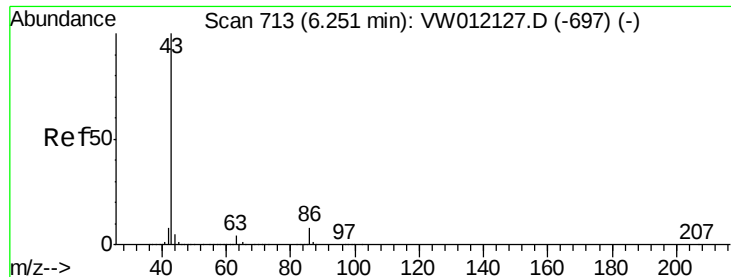
Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion:	45	Resp:	435045
Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.5	68.3
87	21.2	16.1	24.1
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 233.472 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1330958

Ion Ratio Lower Upper

43 100

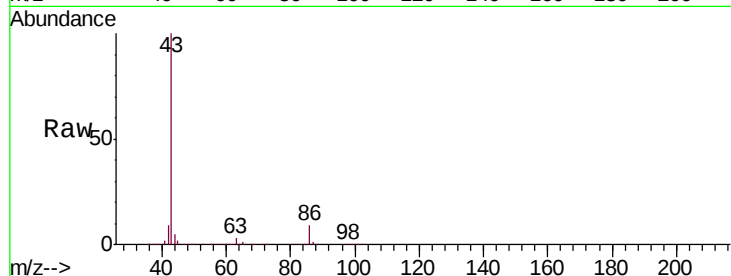
86 8.6 6.5 9.7

Manual Integrations

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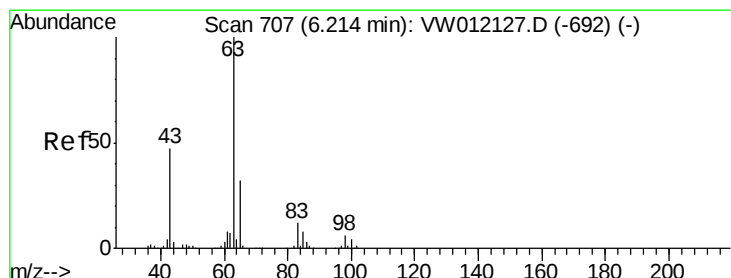
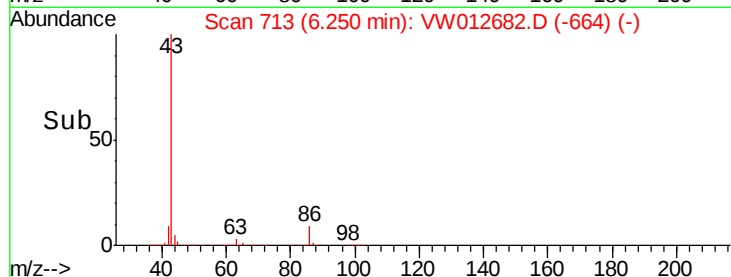
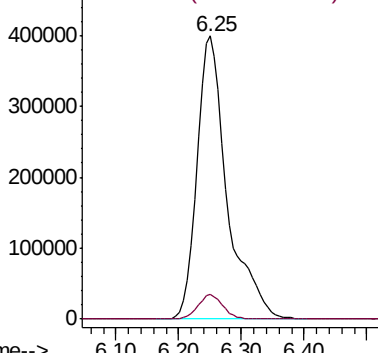
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.490 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

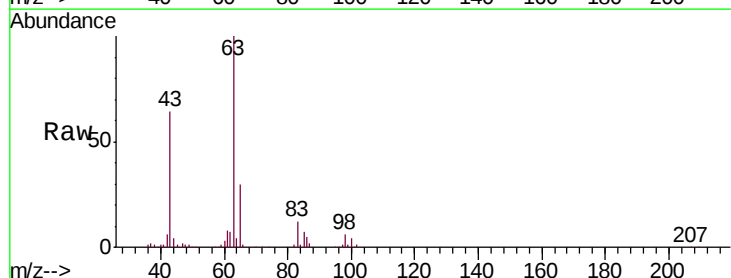
Tgt Ion: 63 Resp: 249613

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

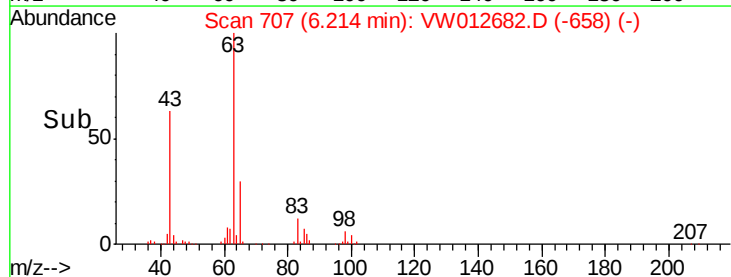
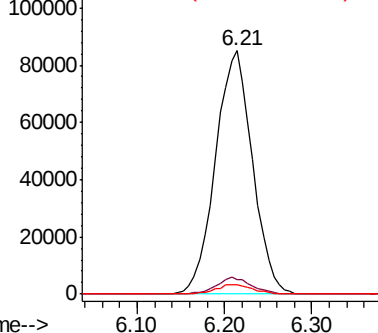
100 3.7 2.0 6.0

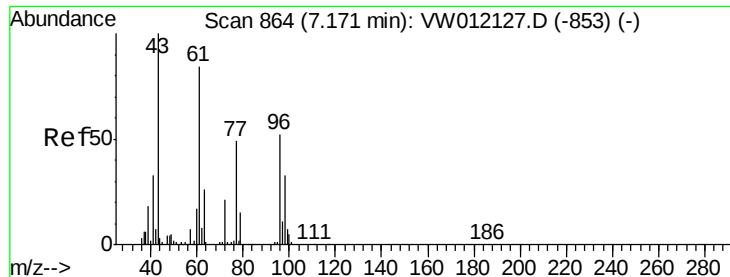


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 212.434 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 204429

Ion Ratio Lower Upper

43 100

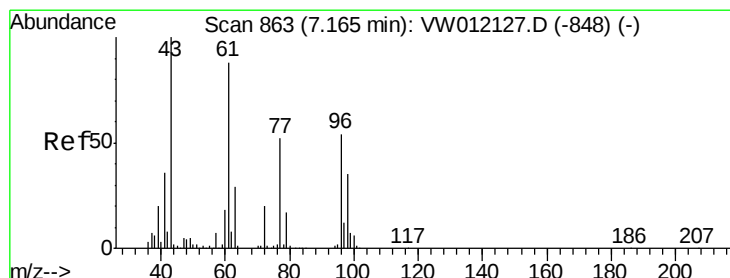
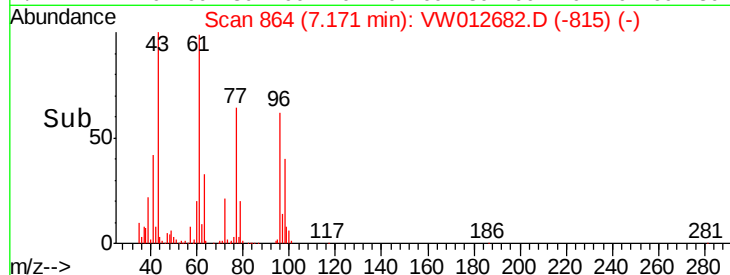
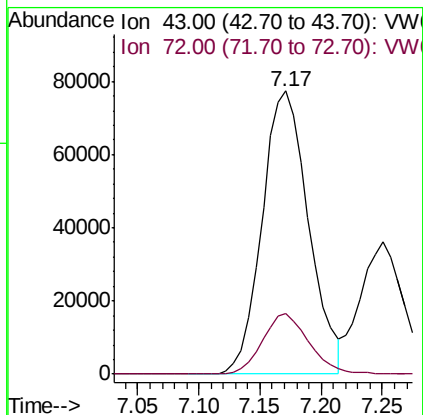
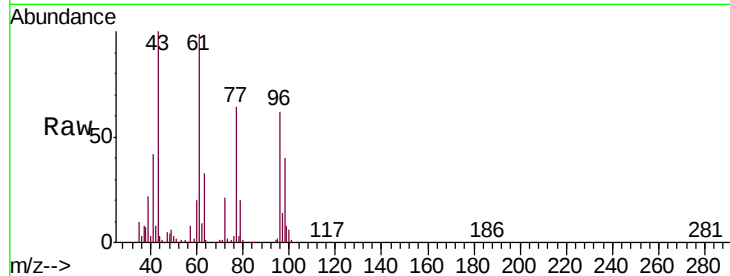
72 21.3 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 54.031 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012682.D

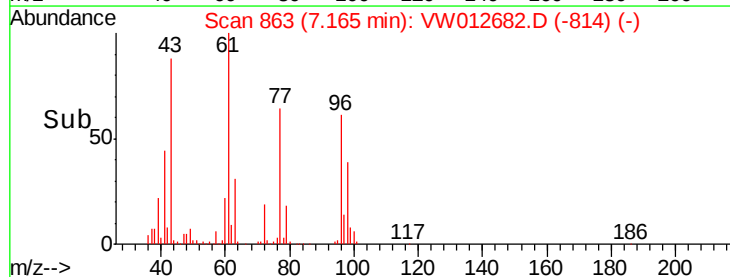
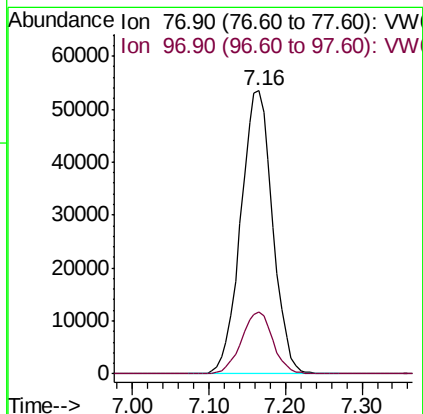
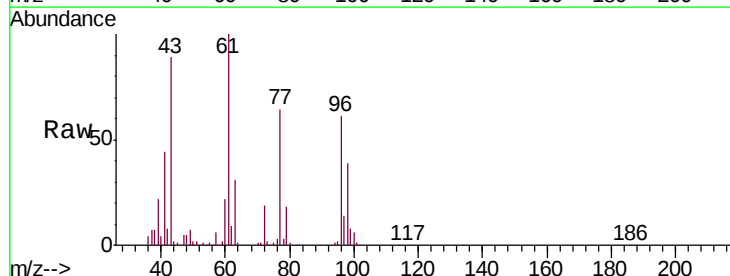
Acq: 06 Sep 2019 10:56

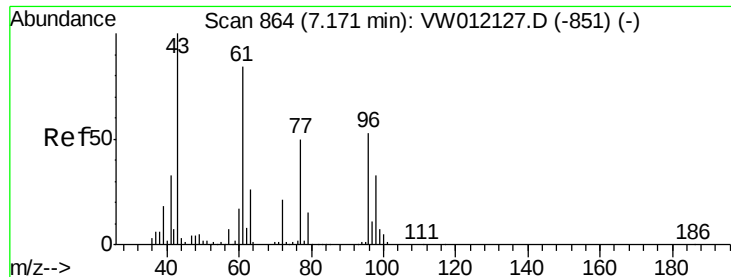
Tgt Ion: 77 Resp: 154246

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1





#27

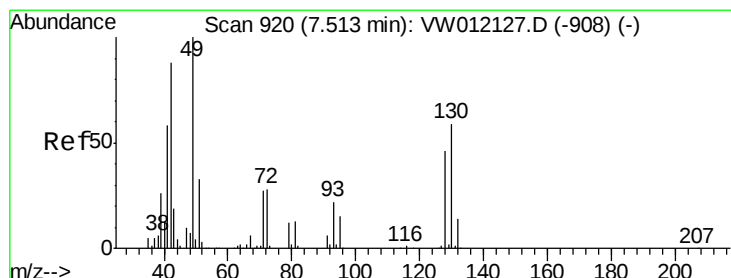
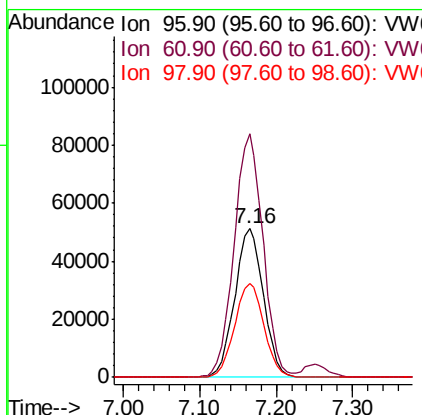
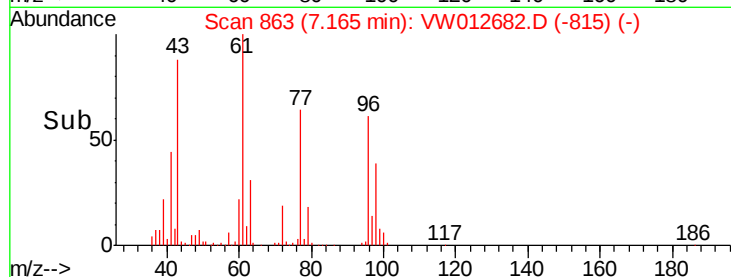
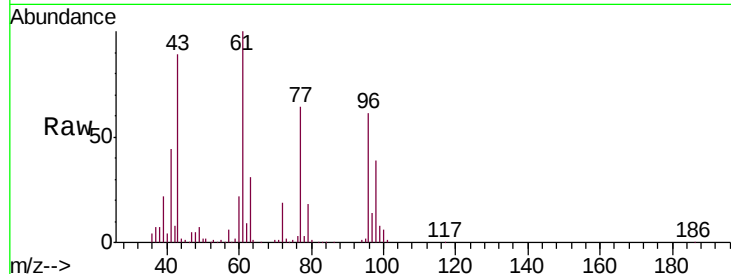
cis-1,2-Dichloroethene
Concen: 49.680 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	133053		
61	164.7	0.0	326.6	
98	64.7	0.0	127.4	

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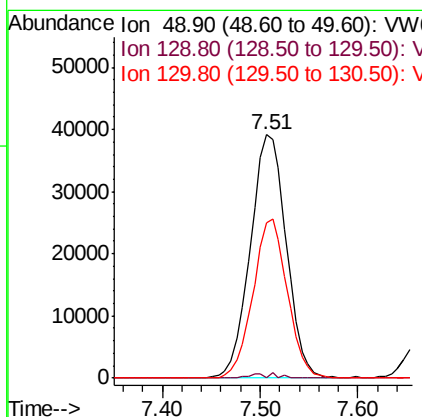
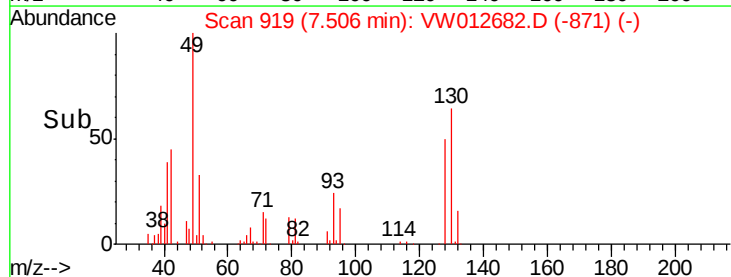
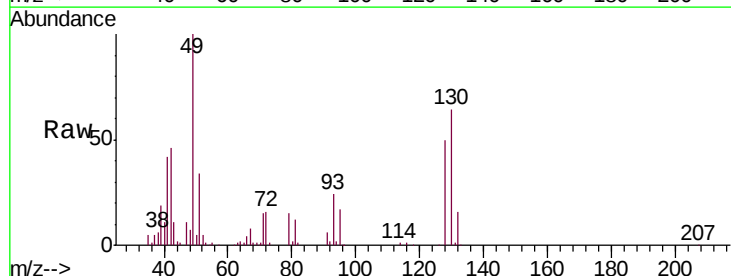
MMDadoda
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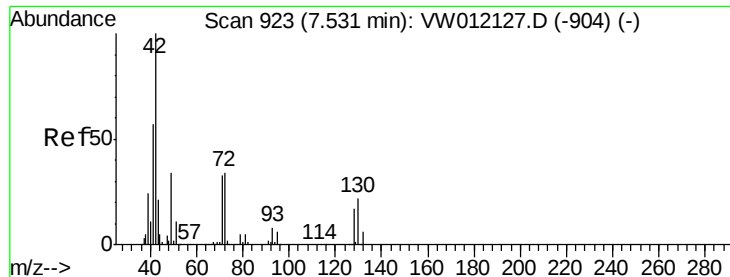


#28

Bromochloromethane
Concen: 45.460 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99933		
129	0.7	0.0	1.4	
130	62.5	45.5	68.3	





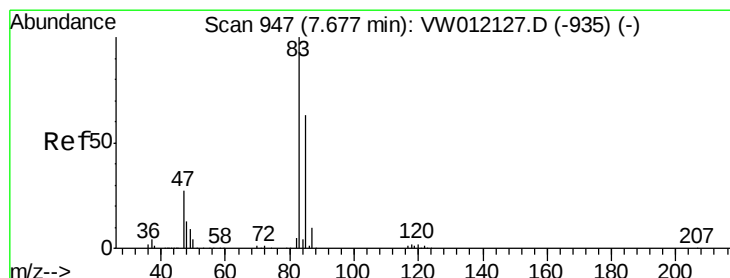
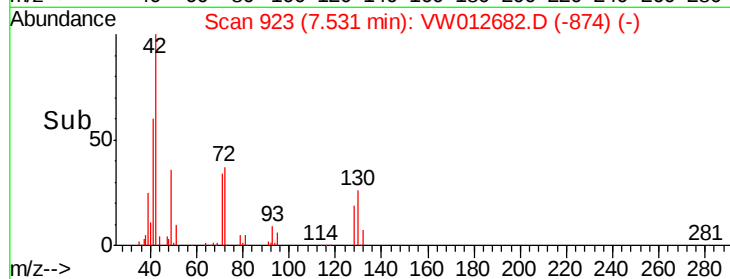
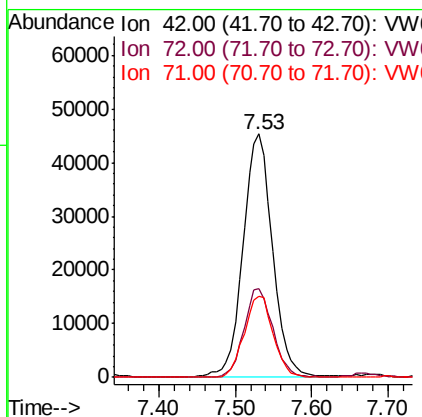
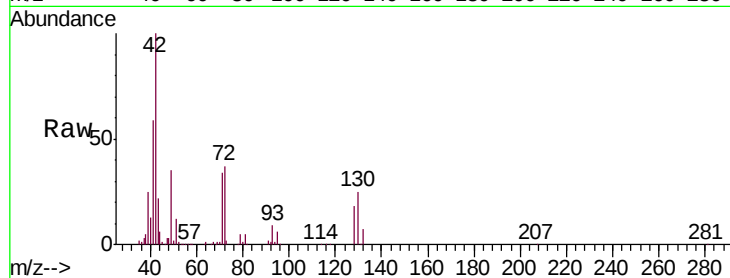
#29
Tetrahydrofuran
Concen: 209.672 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.0	27.3	40.9
71	33.2	25.5	38.3

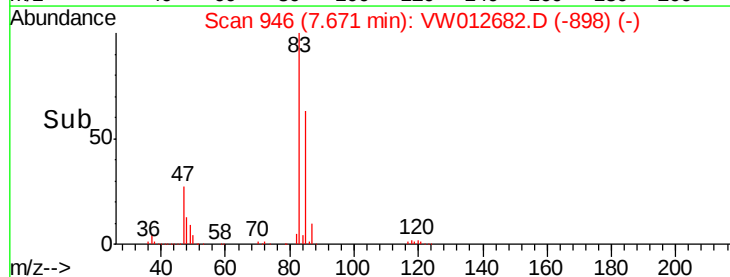
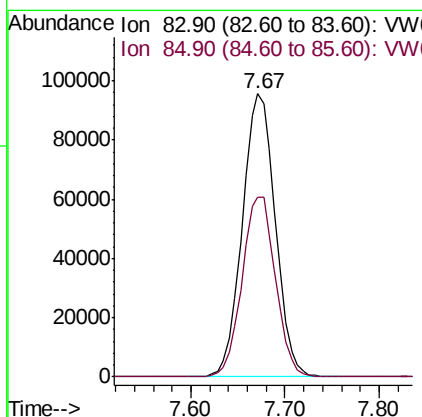
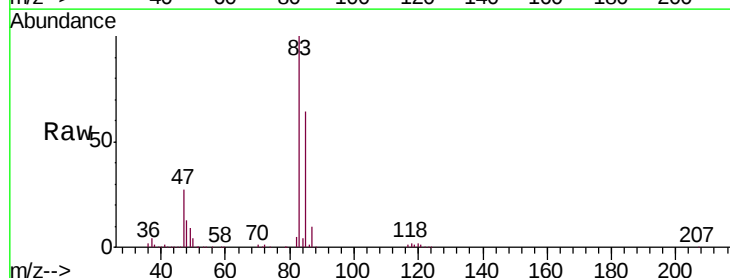
Manual Integrations
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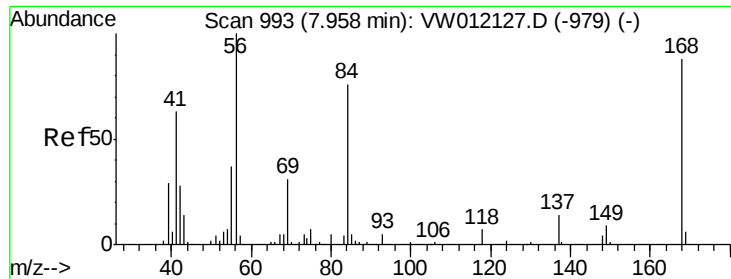
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9/9/2019 4:45:07 AM



#30
Chloroform
Concen: 50.809 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	76.0





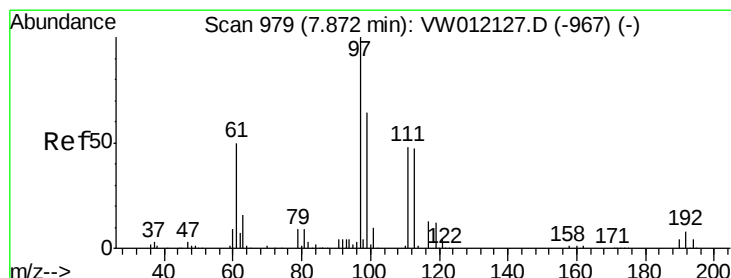
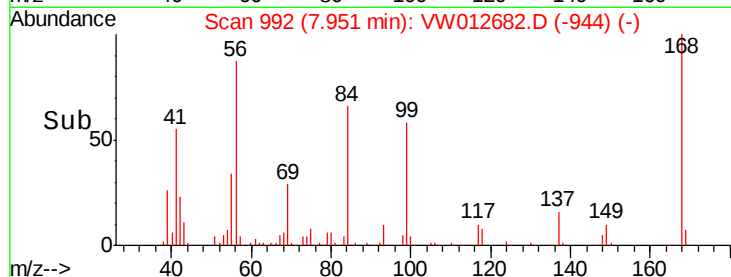
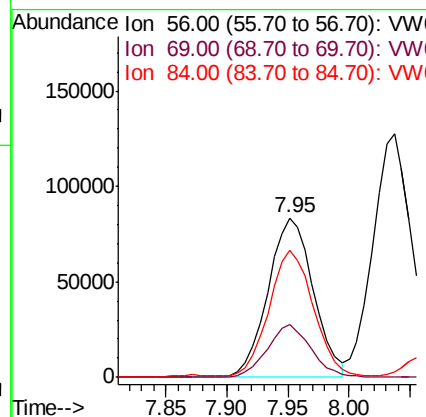
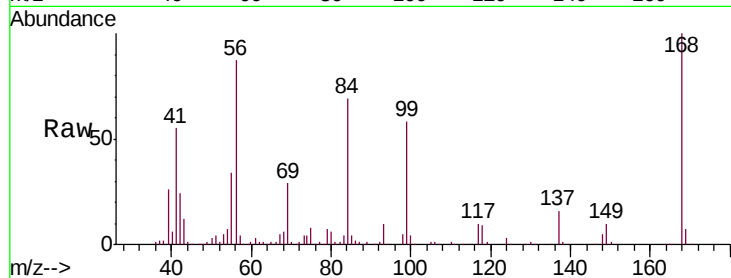
#31
Cyclohexane
Concen: 43.163 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.9	37.3
84	77.7	60.6	90.8

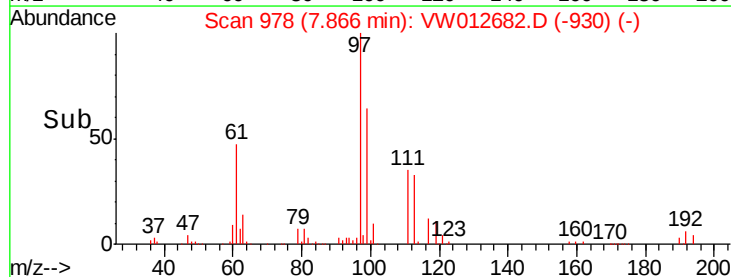
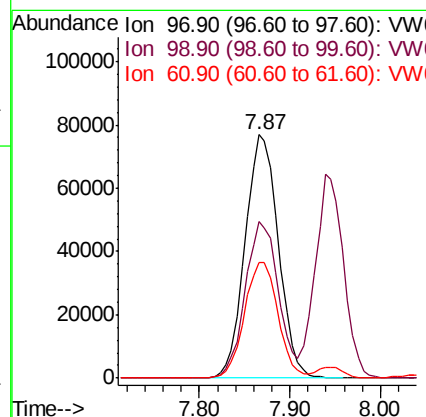
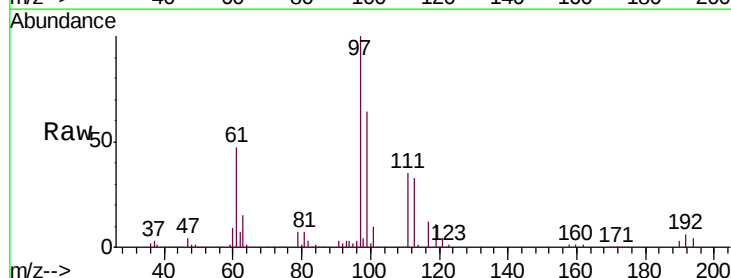
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#32
1,1,1-Trichloroethane
Concen: 53.436 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	47.7	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 45.270 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 125415

Ion Ratio Lower Upper

65 100

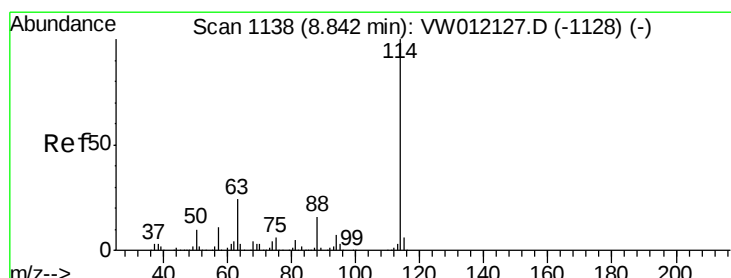
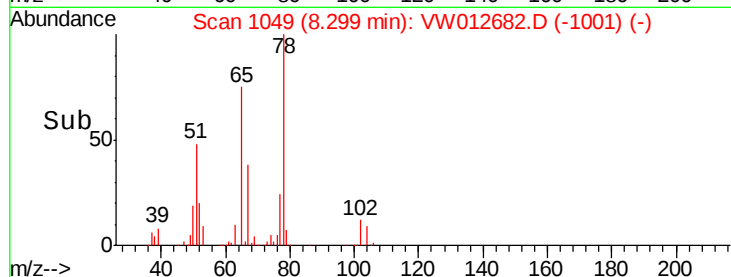
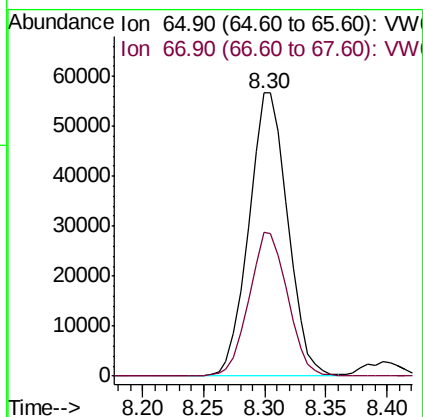
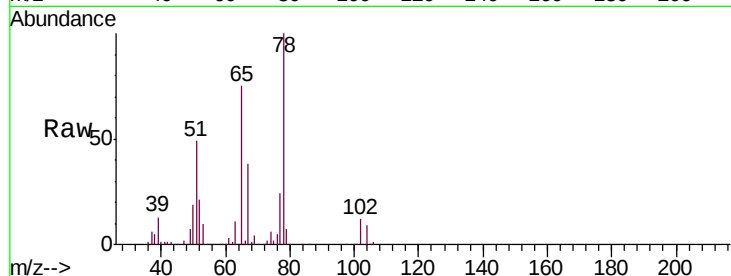
67 50.4 0.0 102.6

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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: VW012682.D

Acq: 06 Sep 2019 10:56

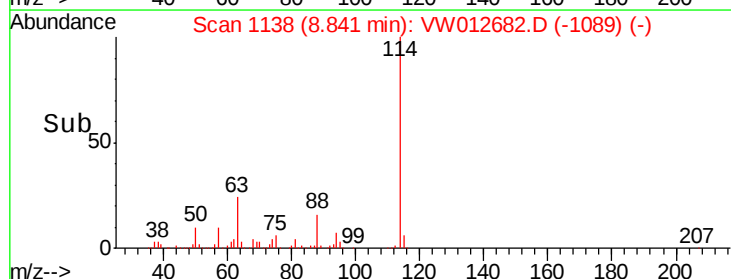
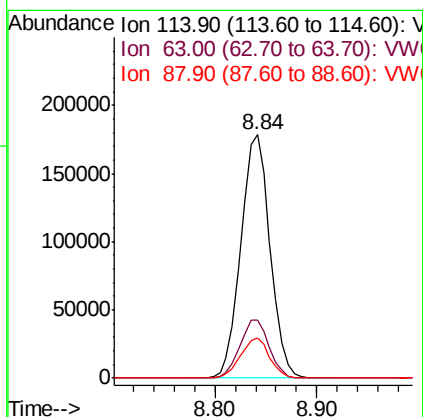
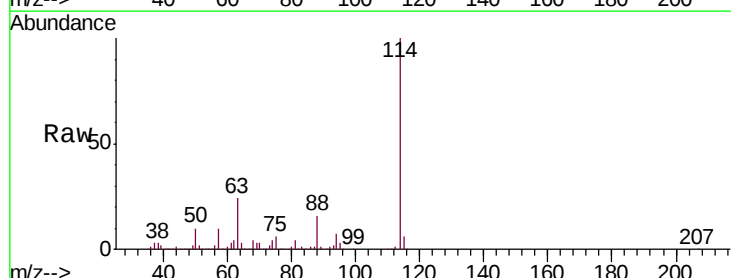
Tgt Ion: 114 Resp: 353656

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

88 16.3 0.0 32.2





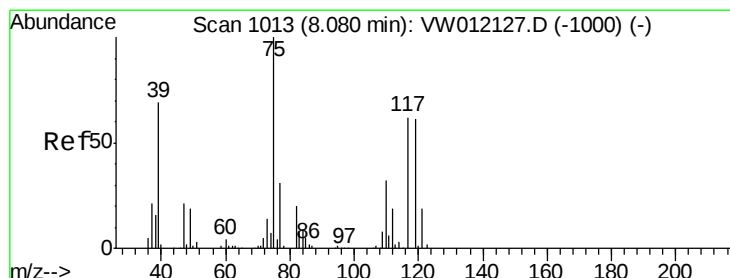
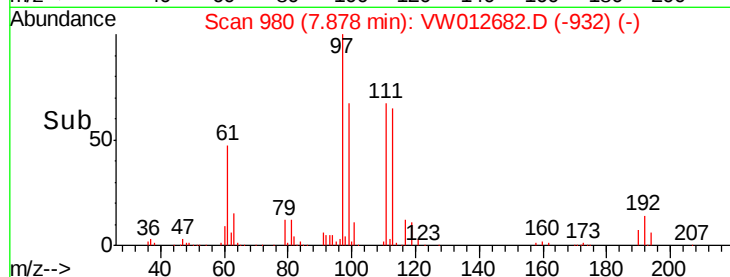
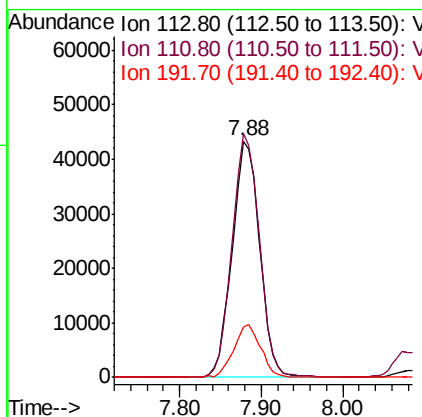
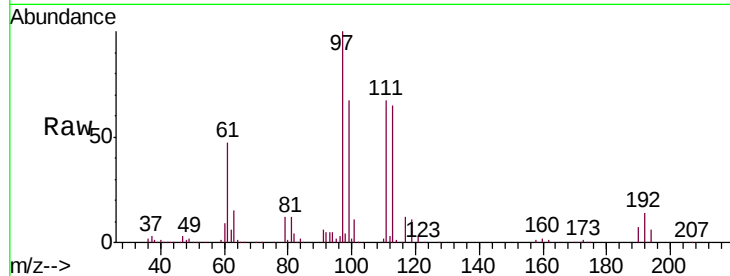
#35
Dibromofluoromethane
Concen: 47.673 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	100637		
111	102.7	82.7	124.1	
192	21.6	16.2	24.2	

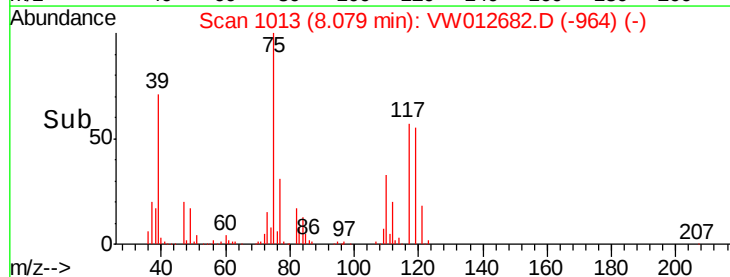
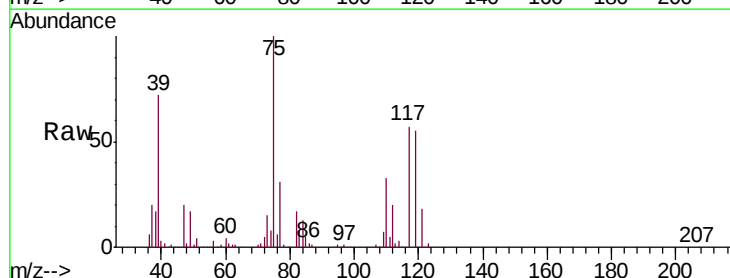
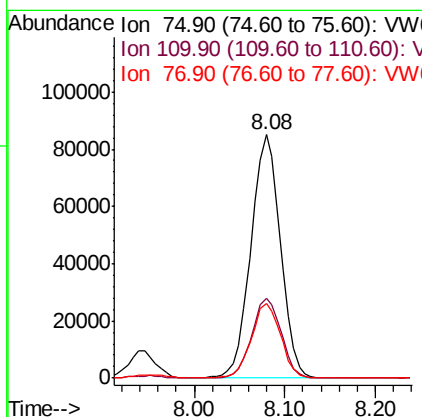
Manual Integrations
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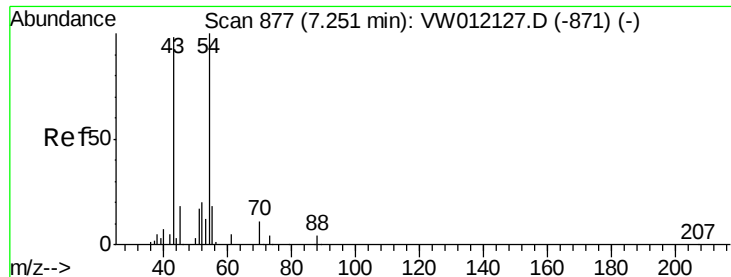
MMDadoda
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#36
1,1-Dichloropropene
Concen: 52.469 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191755		
110	32.5	15.6	46.8	
77	30.7	24.6	36.8	





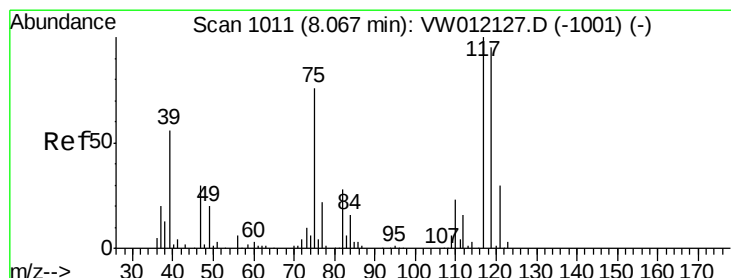
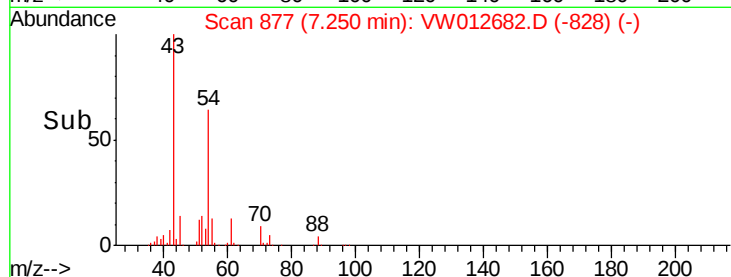
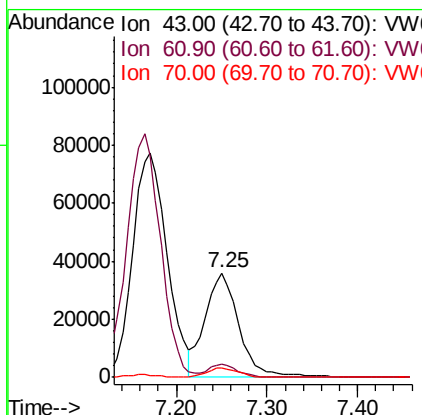
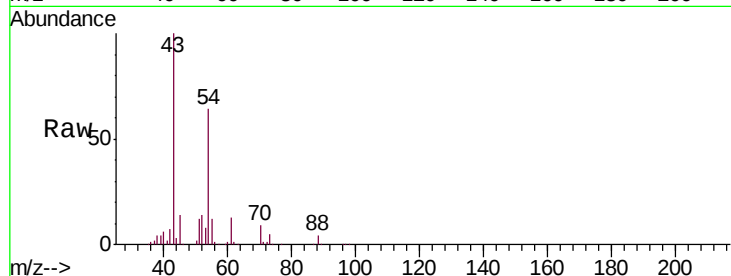
#37
Ethyl Acetate
Concen: 46.187 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	92498		
61	11.2	9.2	13.8	
70	8.9	6.9	10.3	

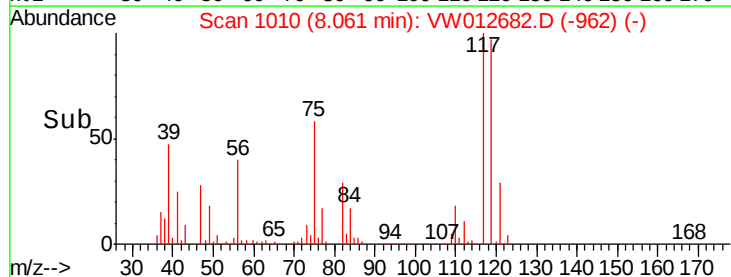
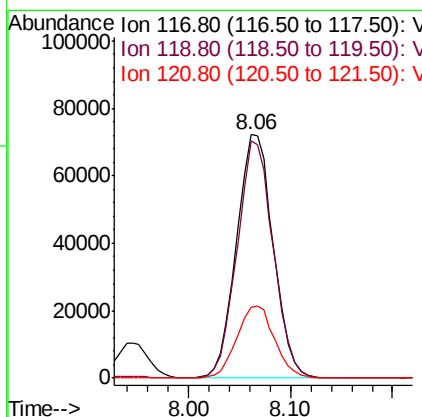
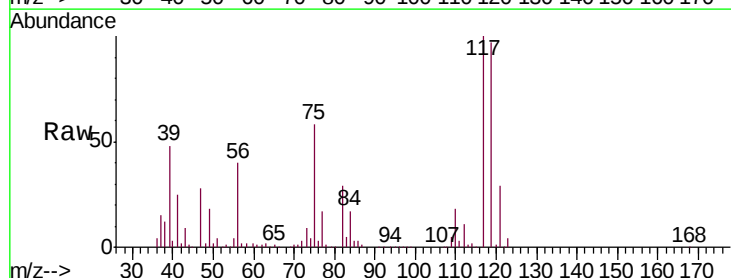
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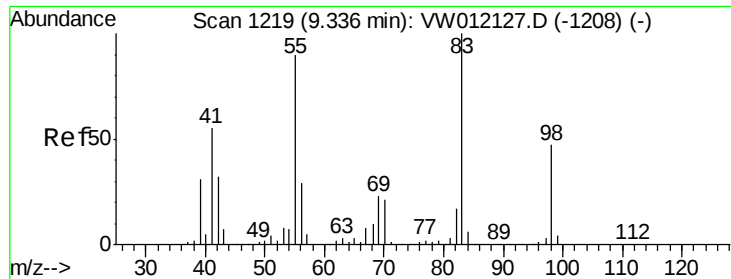
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#38
Carbon Tetrachloride
Concen: 57.057 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	180482		
119	97.4	76.2	114.2	
121	28.9	23.8	35.8	





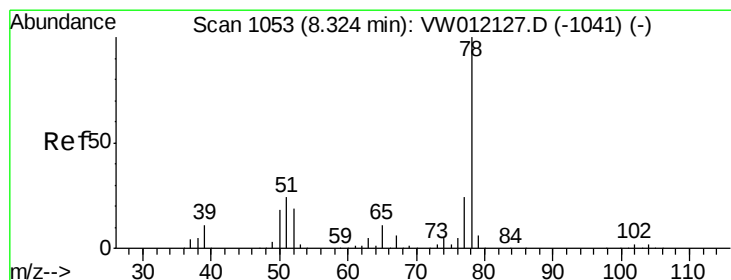
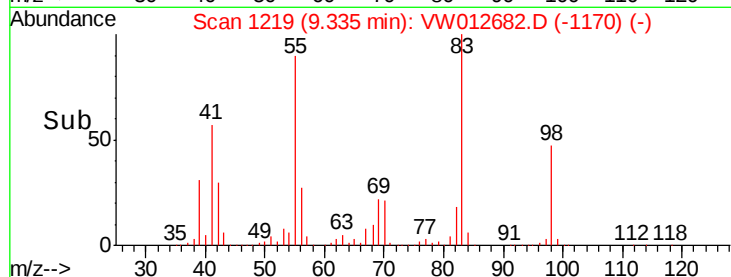
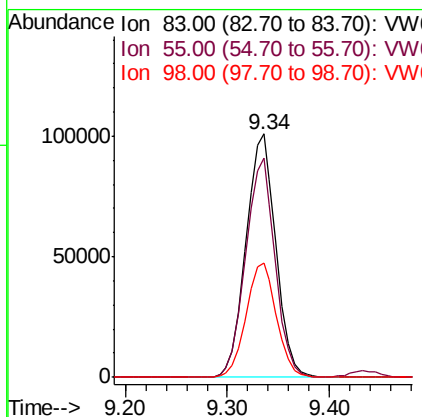
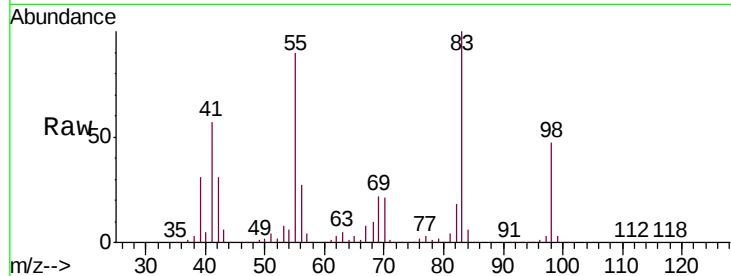
#39
Methylcyclohexane
Concen: 50.100 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	205695		
55	89.8	71.8	107.8	
98	46.8	37.8	56.8	

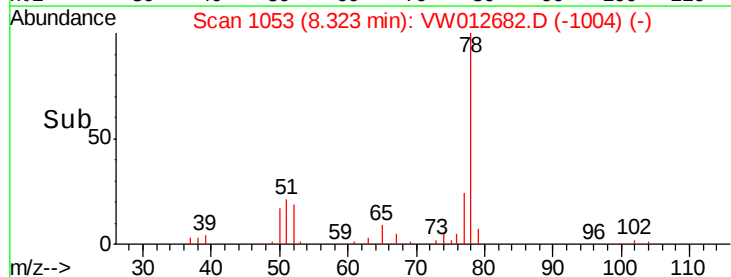
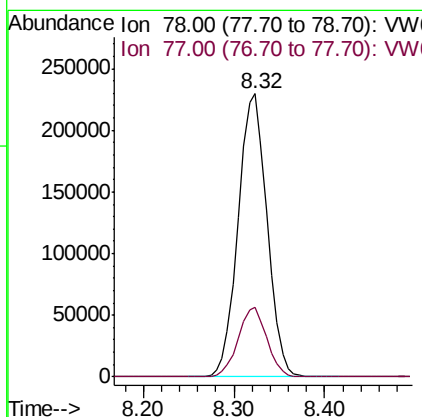
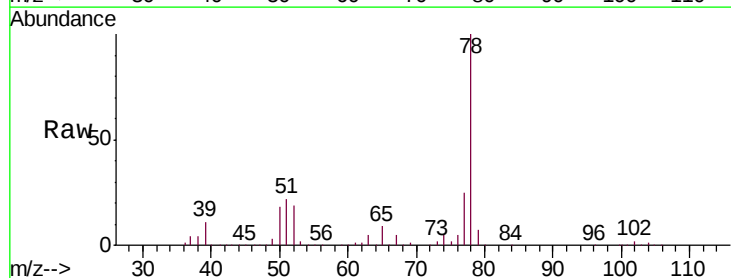
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#40
Benzene
Concen: 50.890 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	507847		
77	24.5	19.5	29.3	





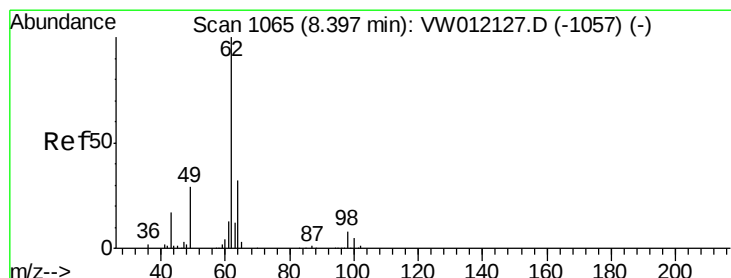
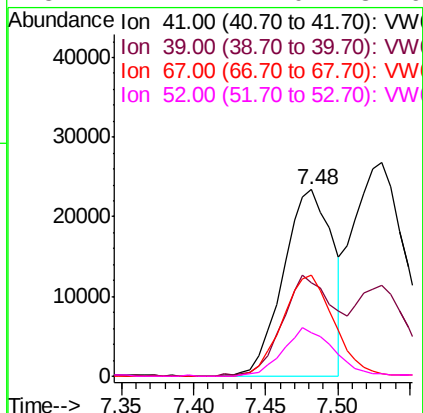
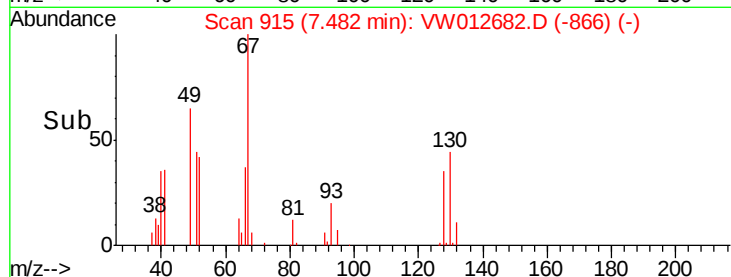
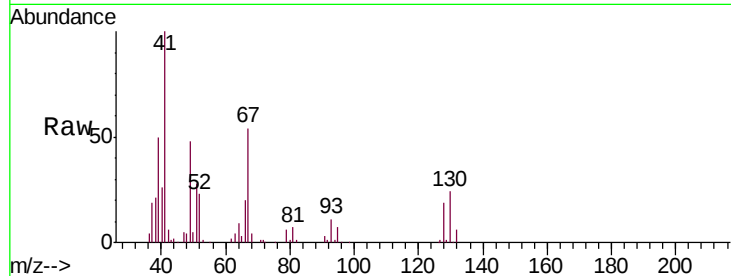
#41
Methacrylonitrile
Concen: 47.531 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.8
67	56.9	46.2	69.4
52	27.1	21.0	31.6

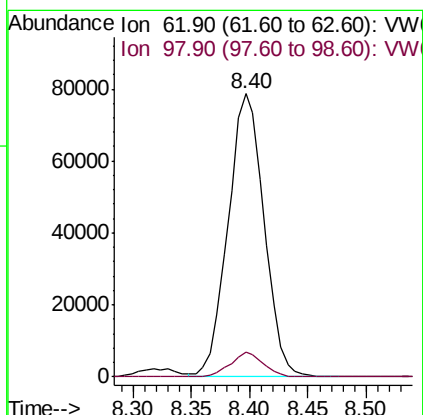
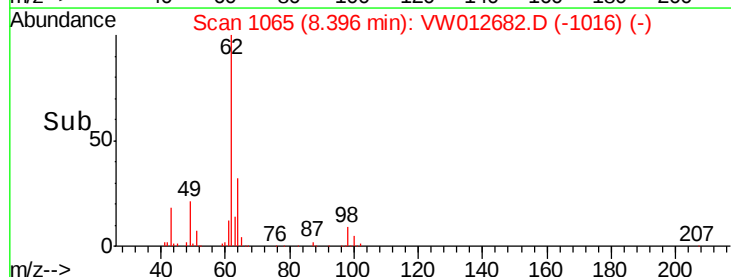
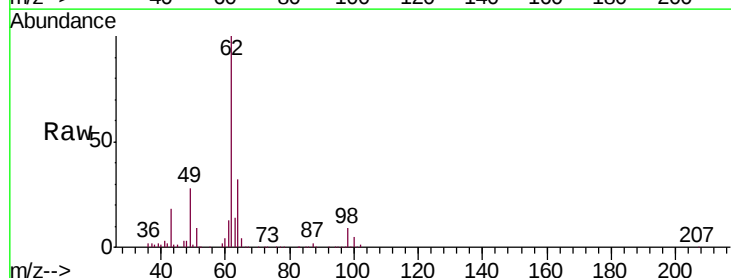
Manual Integrations
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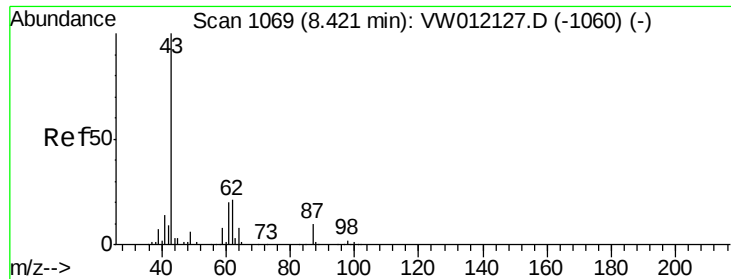
MMDadoda
9/9/2019 4:45:07 AM



#42
1,2-Dichloroethane
Concen: 54.049 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





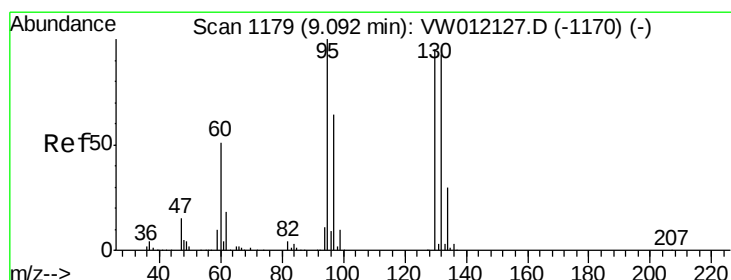
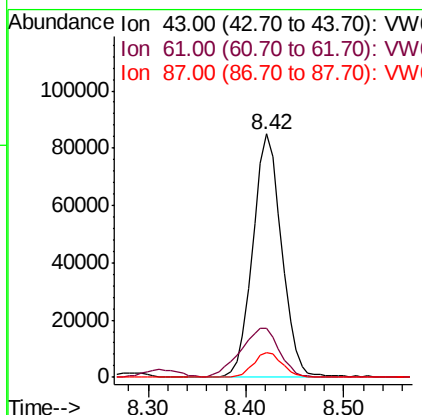
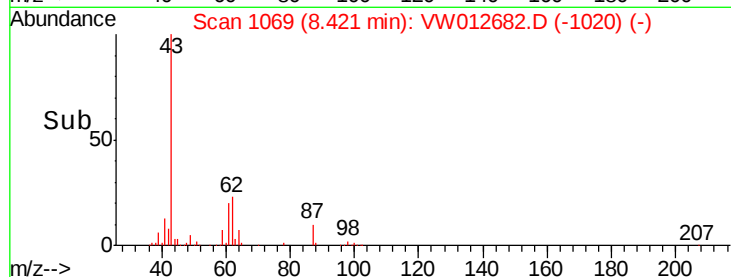
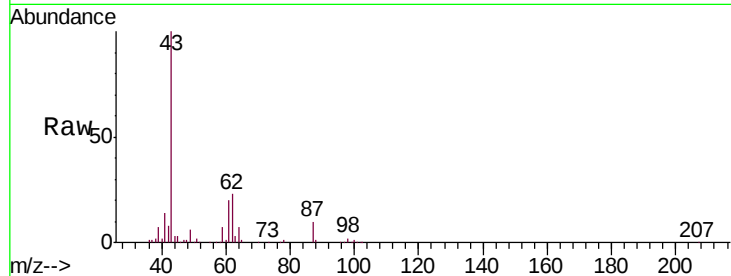
#43
Isopropyl Acetate
Concen: 46.620 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.1	31.7
87	10.5	8.2	12.2

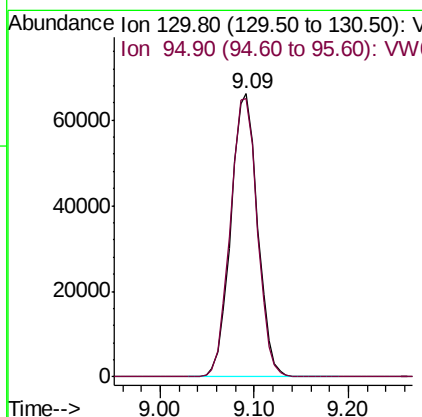
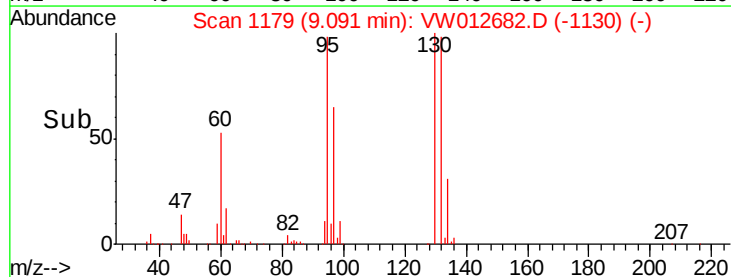
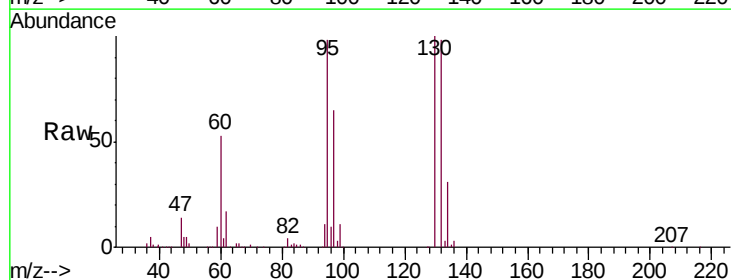
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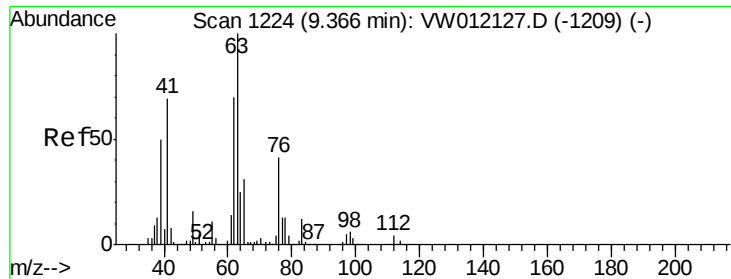
MMDadoda
9/9/2019 4:45:07 AM



#44
Trichloroethene
Concen: 53.877 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	210.6





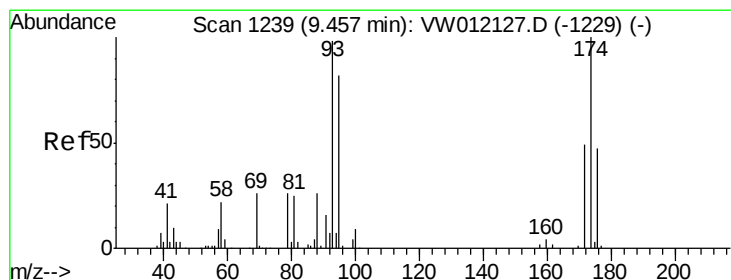
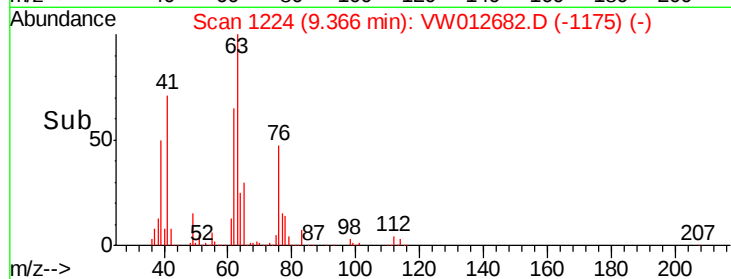
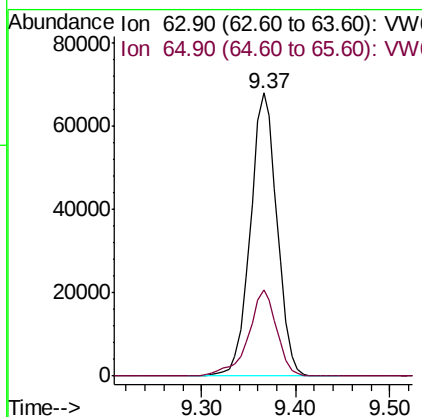
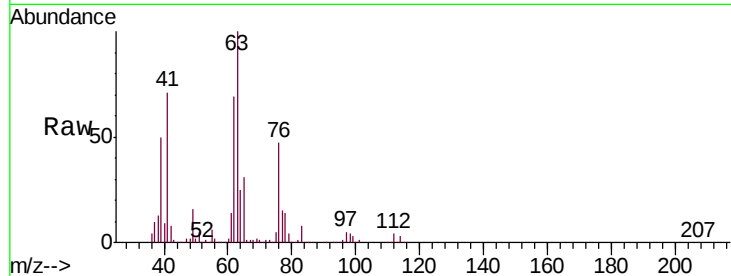
#45
 1,2-Dichloropropane
 Concen: 50.263 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 134993
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

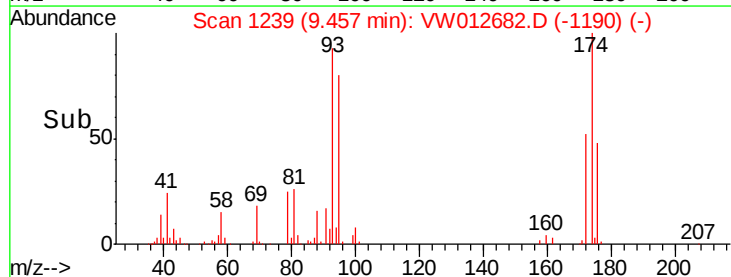
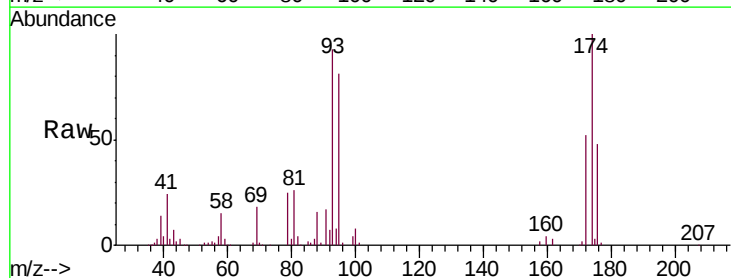
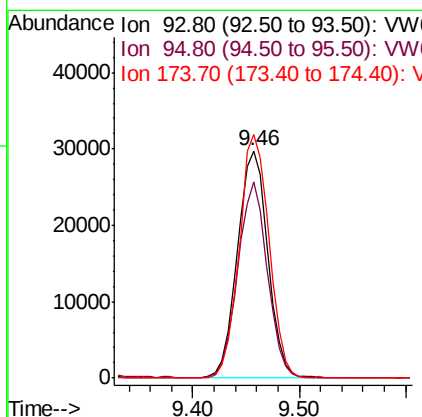
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#46
 Dibromomethane
 Concen: 49.973 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 93 Resp: 59715
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.2 100.8
 174 105.7 79.0 118.6





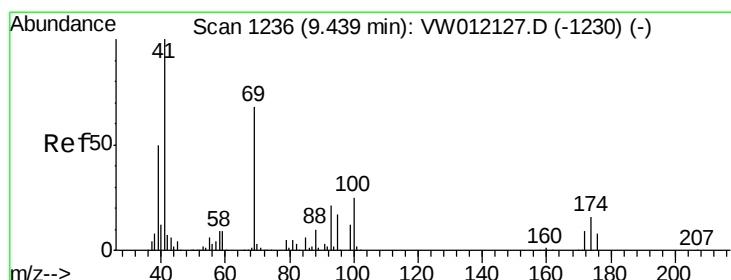
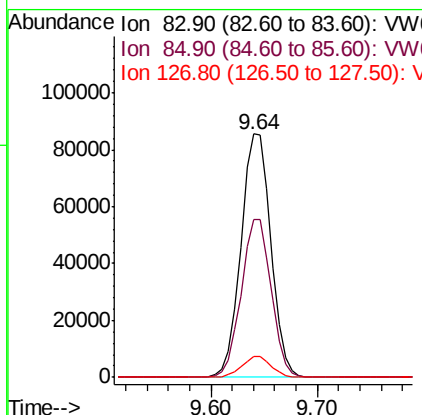
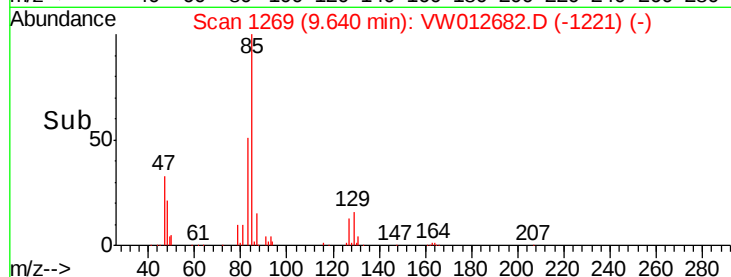
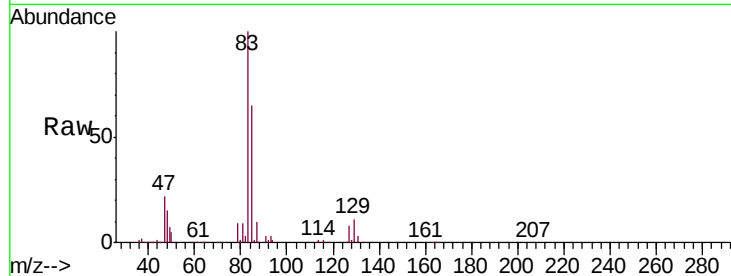
#47
Bromodichloromethane
Concen: 53.095 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	168856		
85	64.9	49.4	74.2	
127	8.4	6.1	9.1	

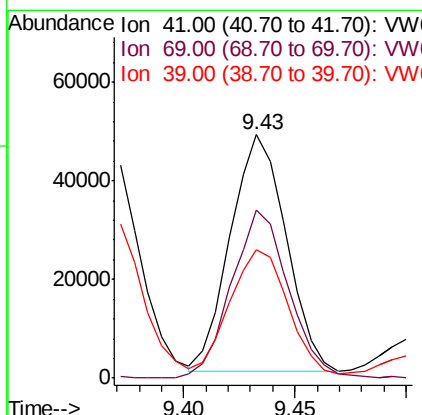
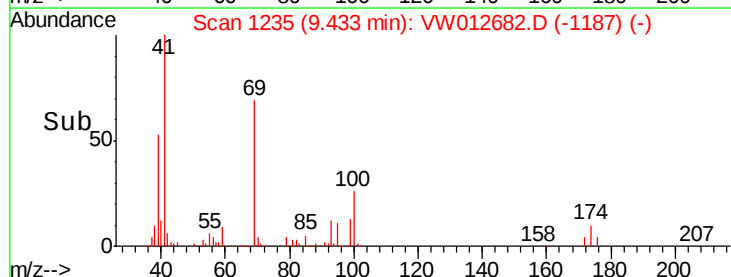
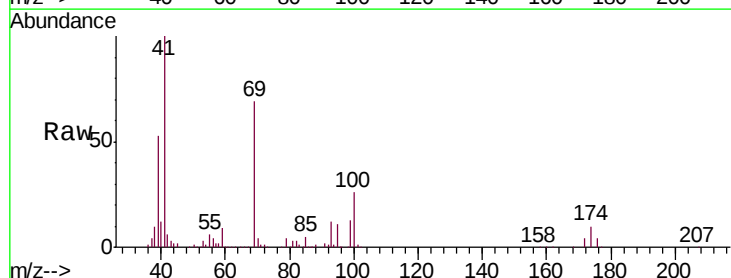
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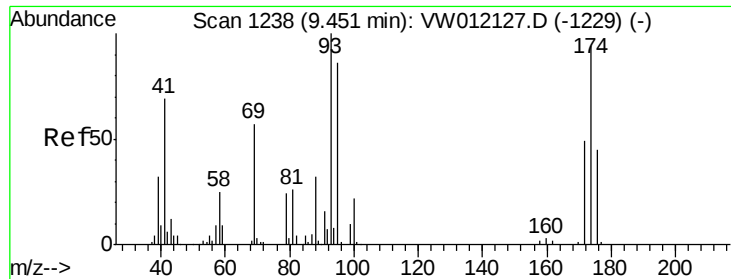
MMDadoda
9/9/2019 4:45:07 AM



#48
Methyl methacrylate
Concen: 47.503 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	83871		
69	72.1	56.7	85.1	
39	53.8	42.0	63.0	





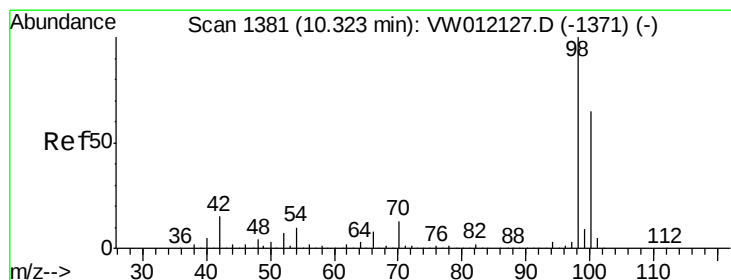
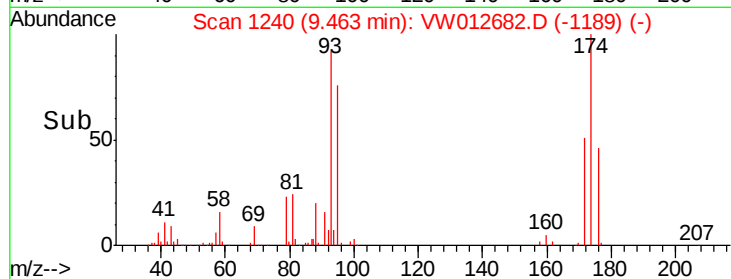
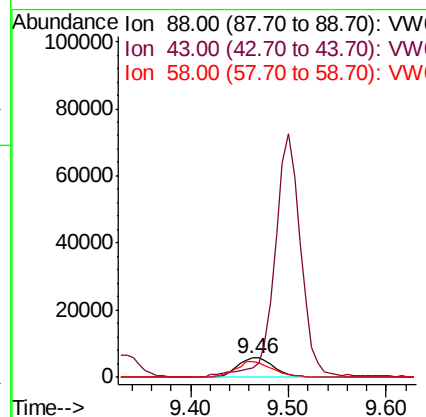
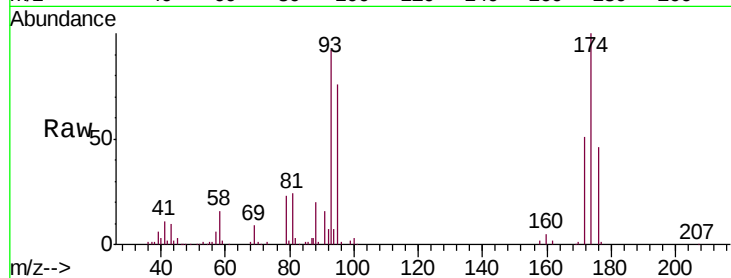
#49
1,4-Dioxane
Concen: 831.396 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	83.8	71.0	106.4

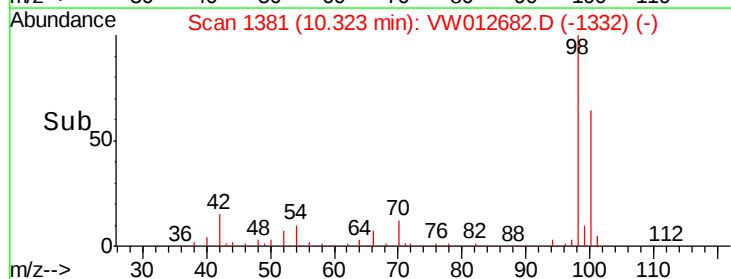
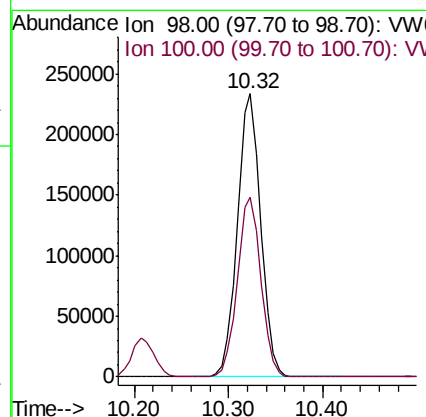
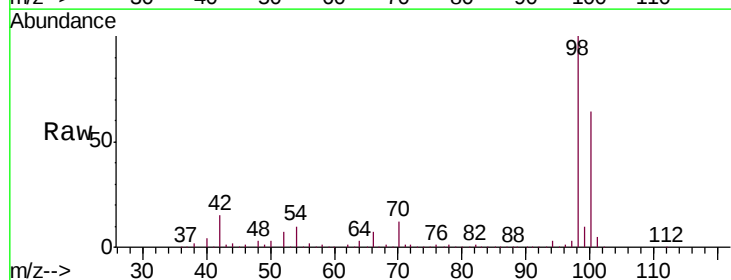
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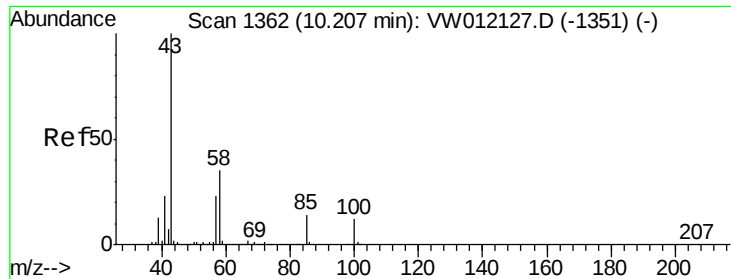
MMDadoda
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#50
Toluene-d8
Concen: 46.629 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.4	78.6





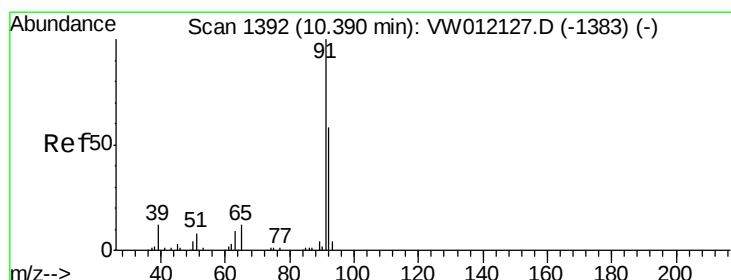
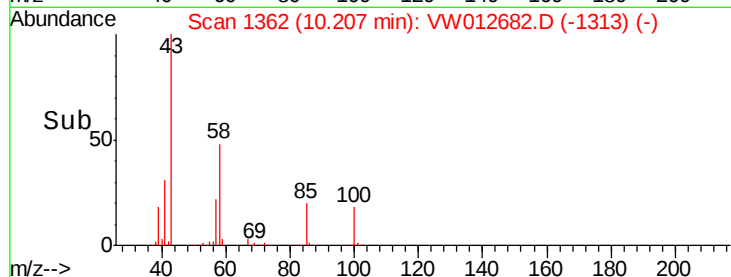
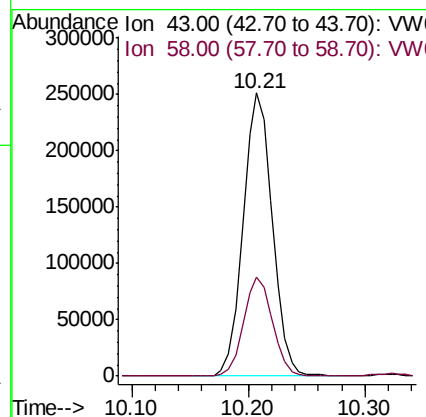
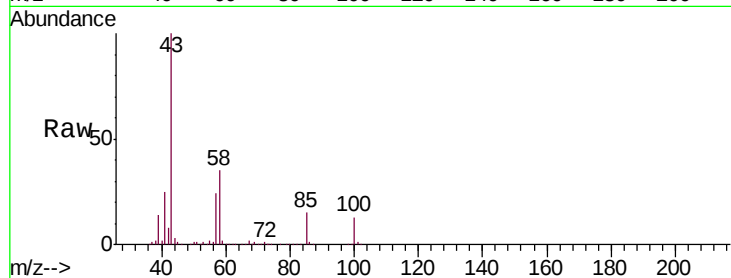
#51
 4-Methyl-2-Pentanone
 Concen: 231.832 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 437423
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2

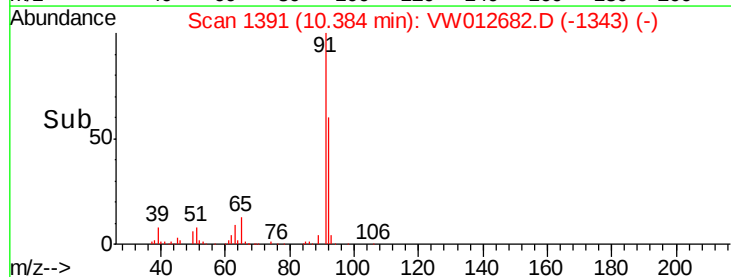
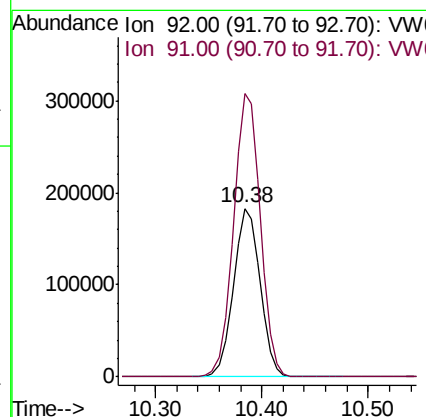
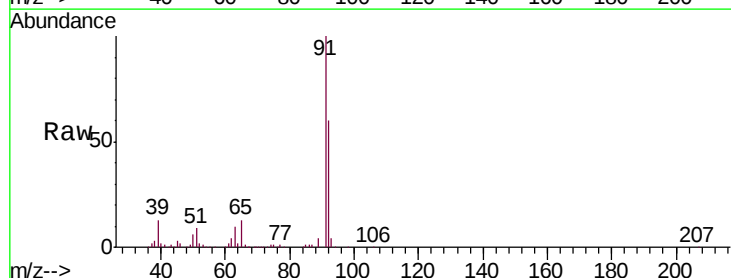
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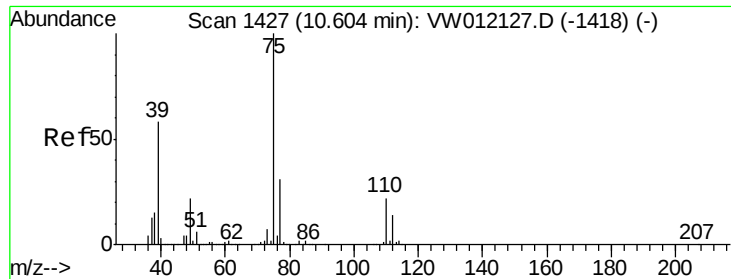
MMDadoda
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#52
 Toluene
 Concen: 53.383 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 92 Resp: 320030
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.6 204.8





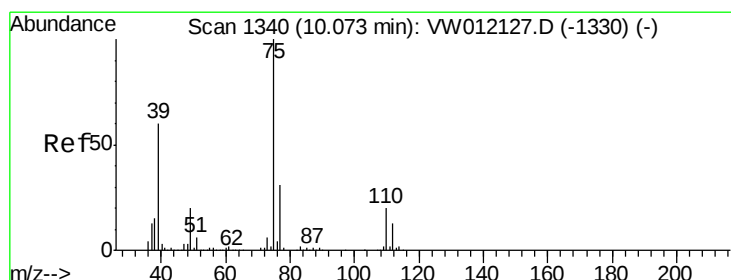
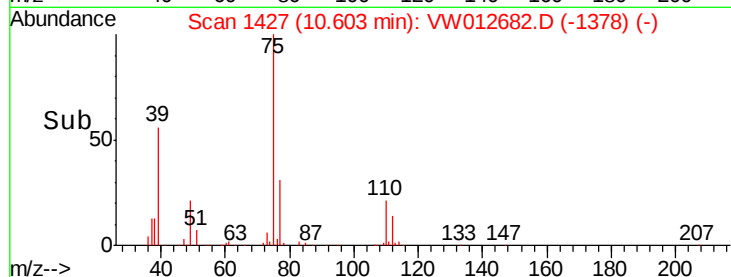
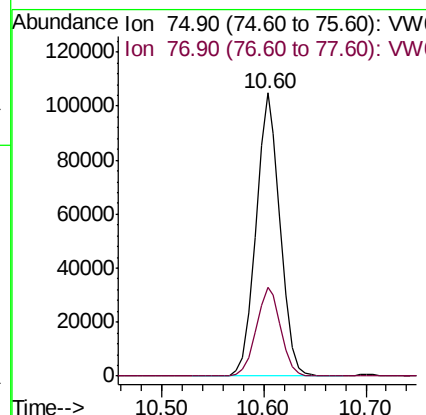
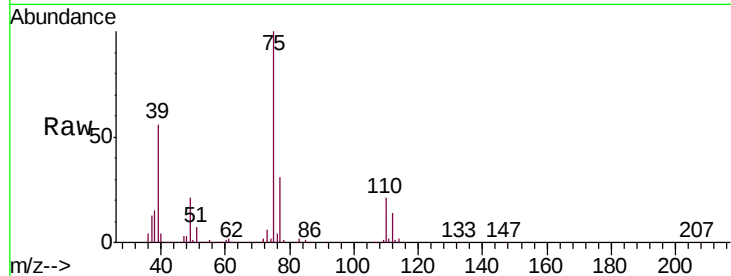
#53
 t-1,3-Dichloropropene
 Concen: 53.105 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 172035
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4

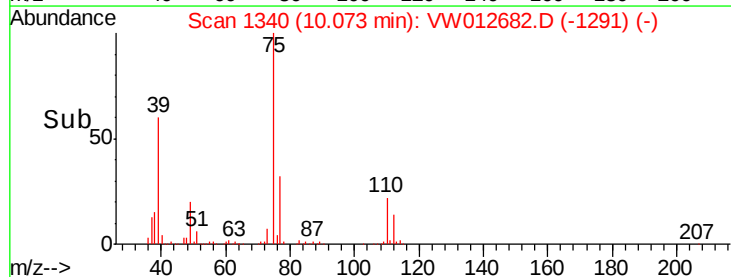
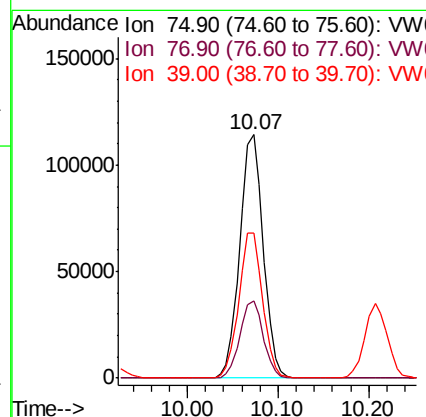
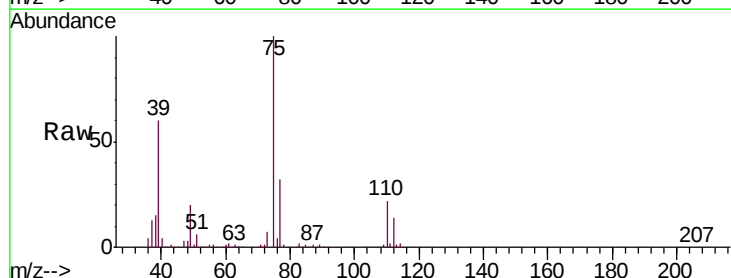
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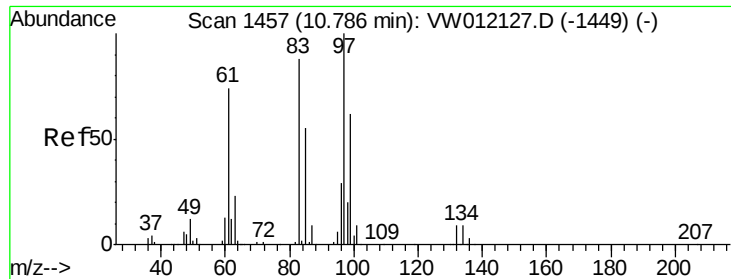
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#54
 cis-1,3-Dichloropropene
 Concen: 52.478 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 75 Resp: 205268
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7
 39 59.7 48.3 72.5





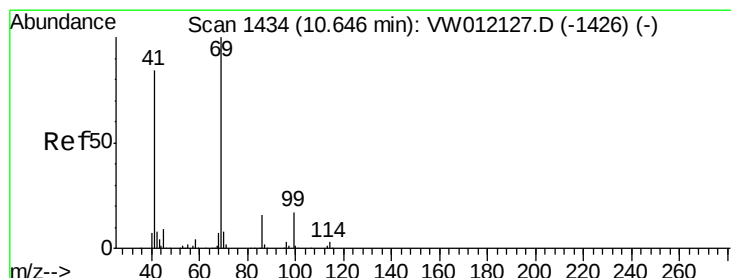
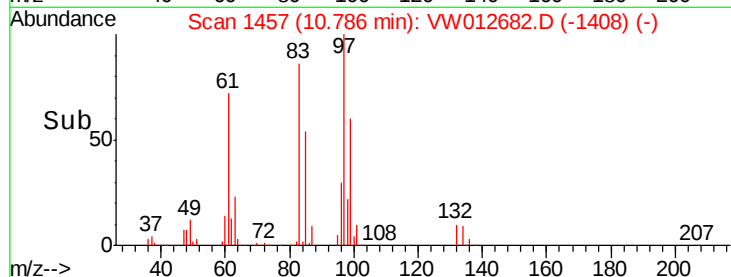
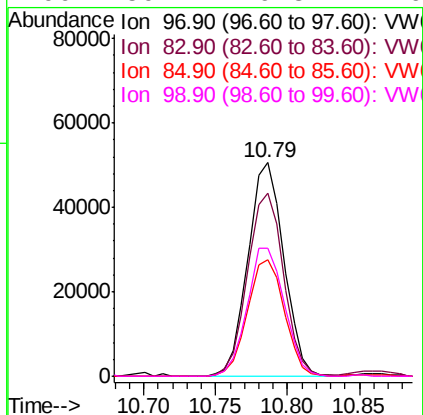
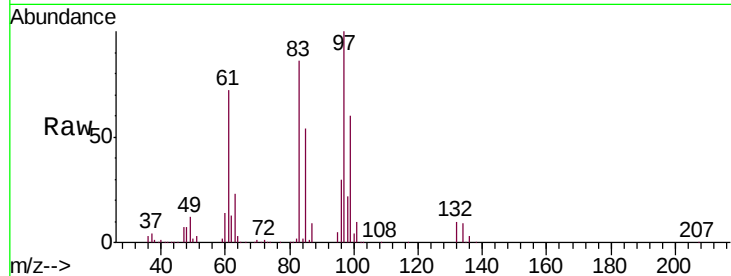
#55
 1,1,2-Trichloroethane
 Concen: 51.456 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.8	106.2
85	54.4	43.8	65.8
99	59.7	49.8	74.6

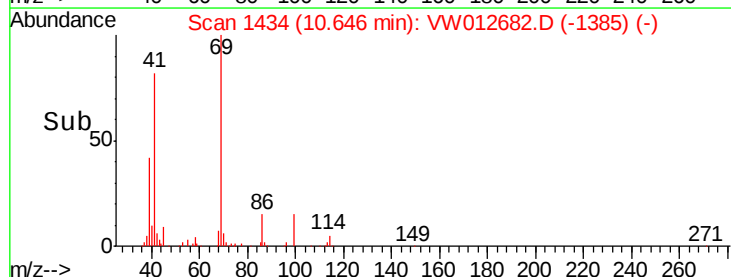
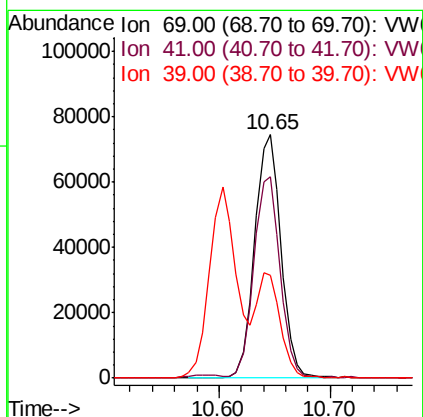
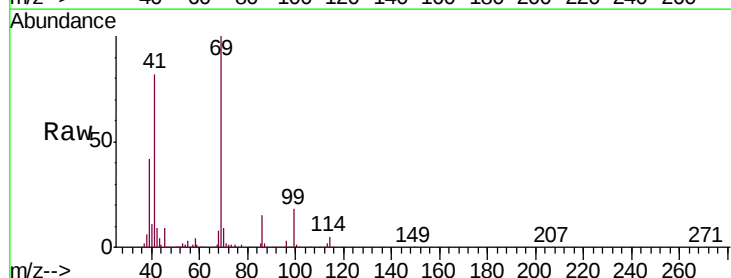
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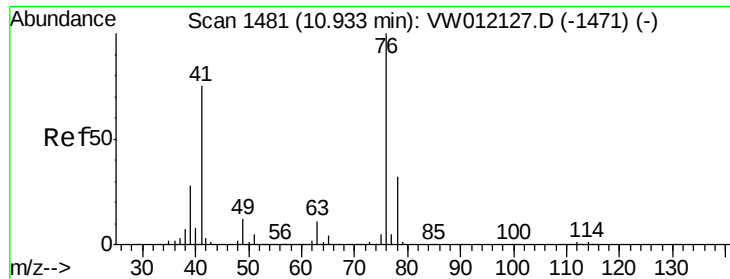
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#56
 Ethyl methacrylate
 Concen: 49.958 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	81.8	66.5	99.7
39	38.1	31.0	46.4





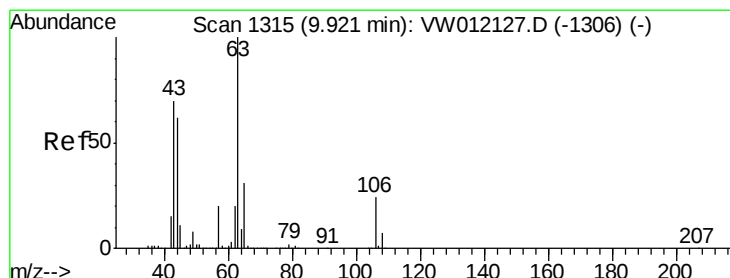
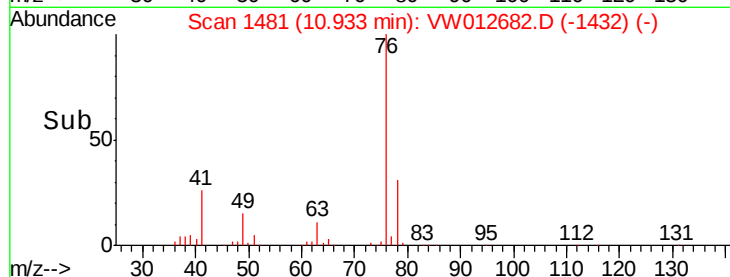
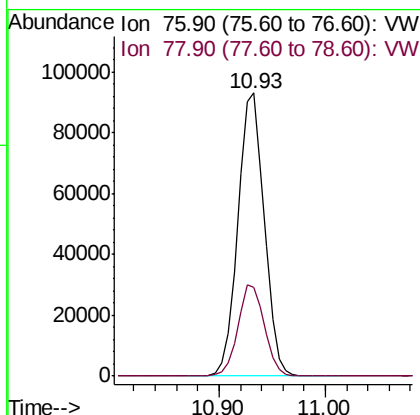
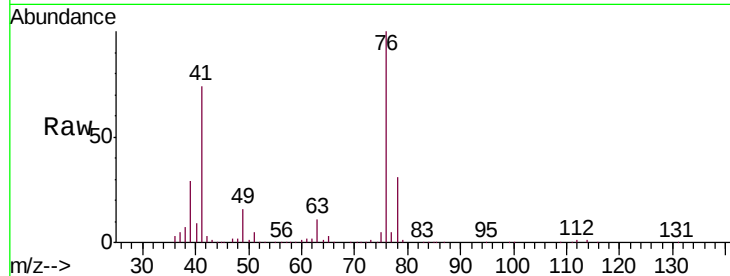
#57
 1,3-Dichloropropane
 Concen: 50.661 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 161862
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

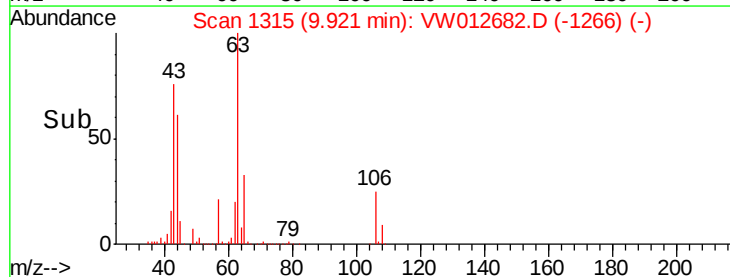
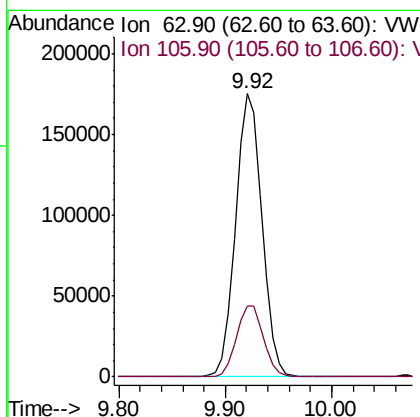
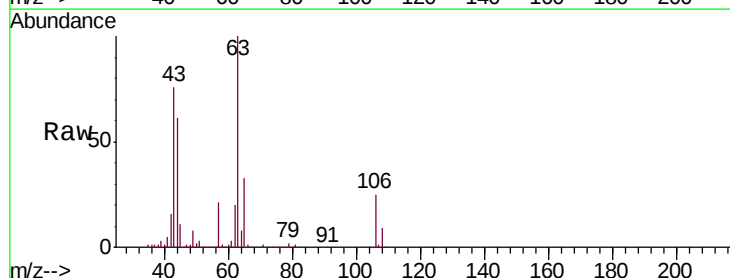
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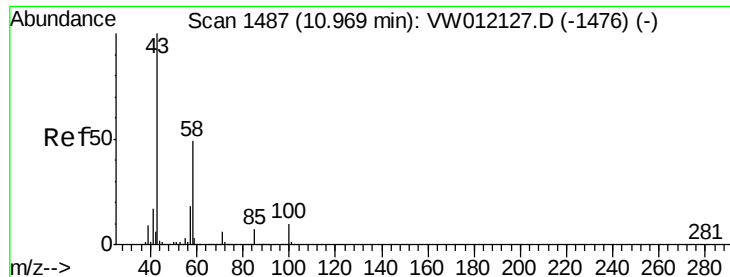
MMDadoda
 9/9/2019 4:45:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.752 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 63 Resp: 305301
 Ion Ratio Lower Upper
 63 100
 106 25.8 19.8 29.8





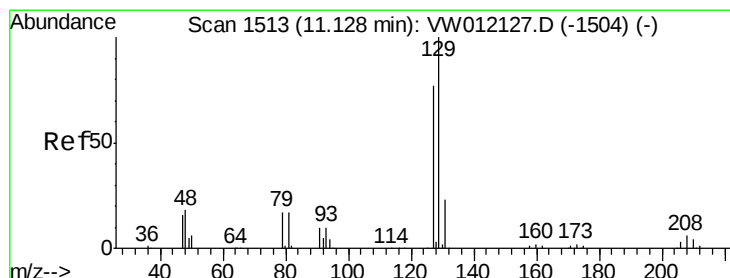
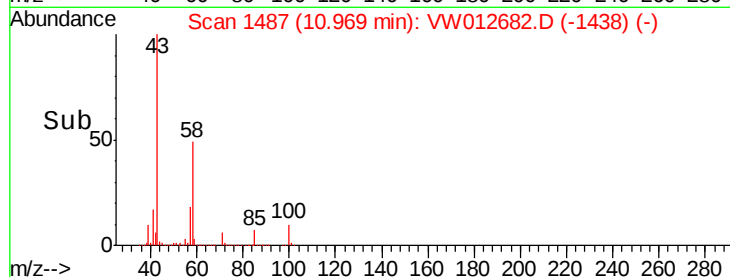
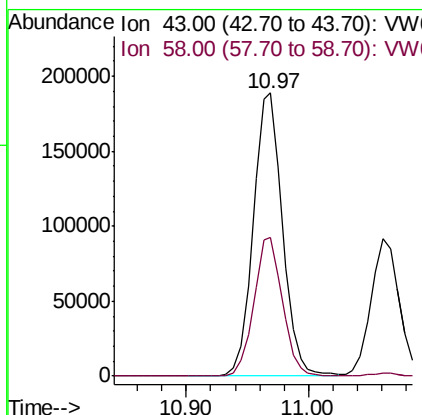
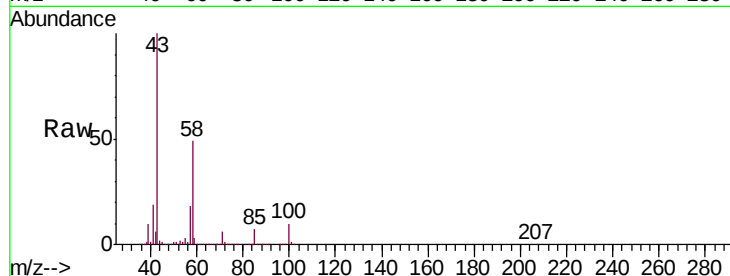
#59
2-Hexanone
Concen: 234.996 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 313729
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9

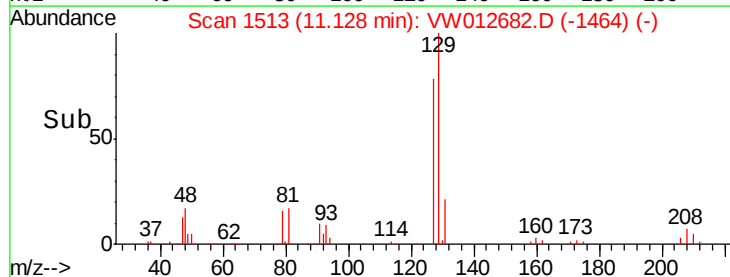
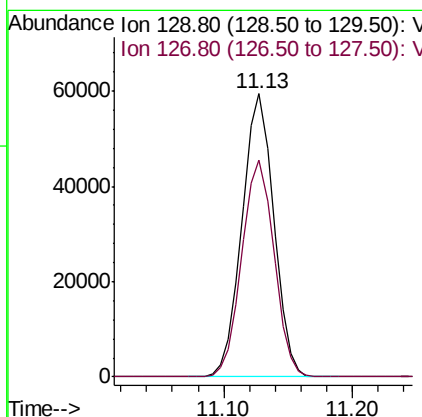
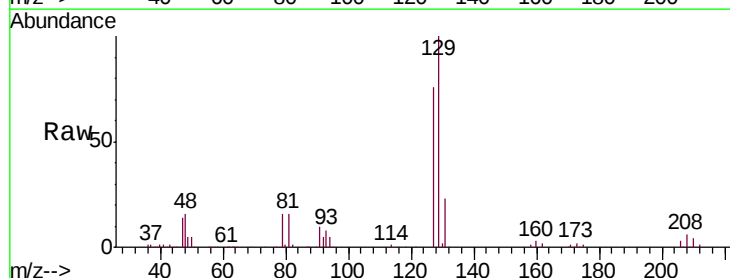
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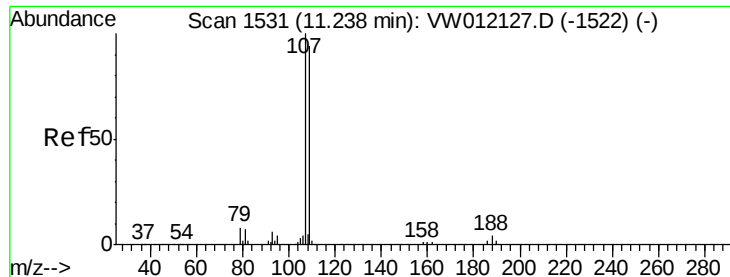
MMDadoda
9/9/2019 4:45:07 AM



#60
Dibromochloromethane
Concen: 53.922 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 129 Resp: 101543
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





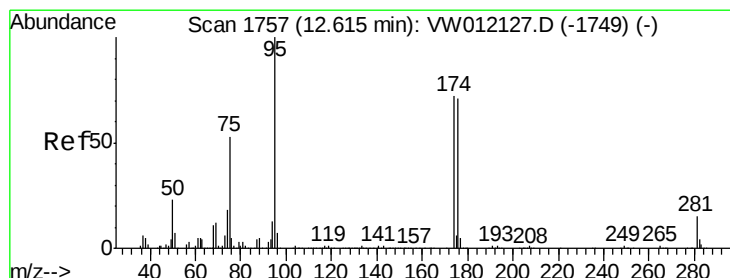
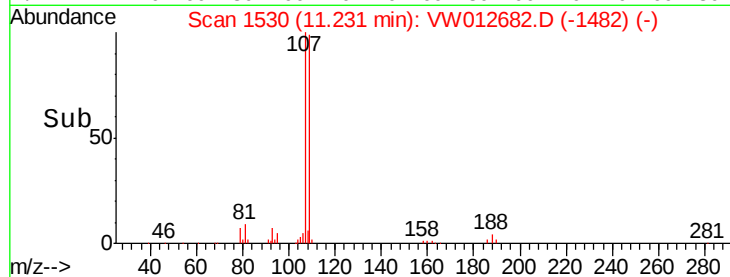
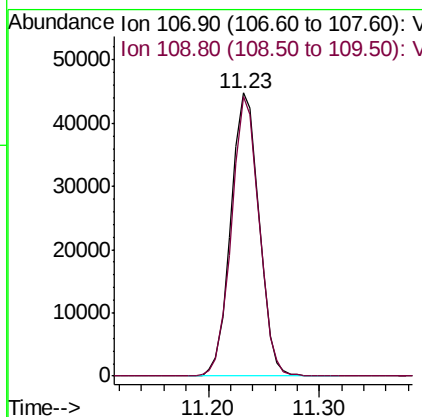
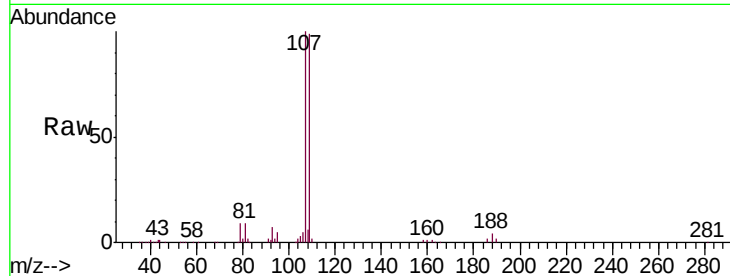
#61
 1,2-Dibromoethane
 Concen: 50.034 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 78808
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.4 113.2

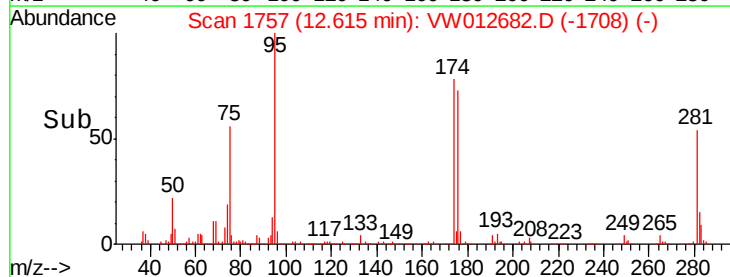
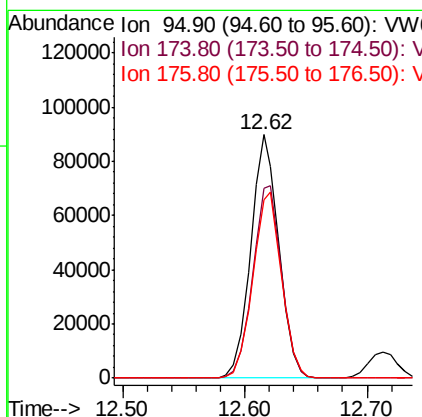
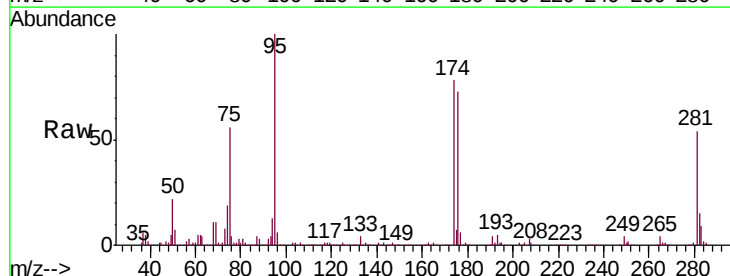
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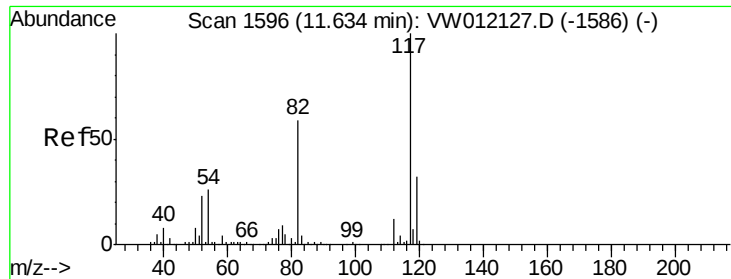
MMDadoda
 9/9/2019 4:45:07 AM



#62
 4-Bromofluorobenzene
 Concen: 47.477 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion: 95 Resp: 143246
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 150.8
 176 78.2 0.0 148.6





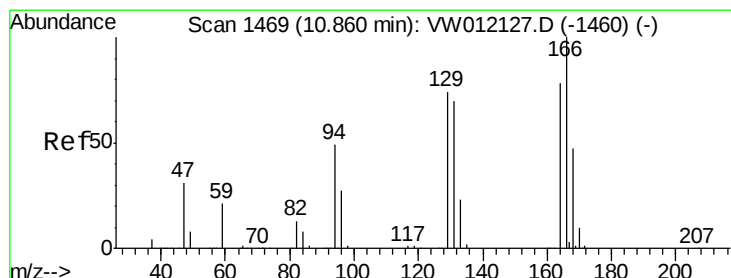
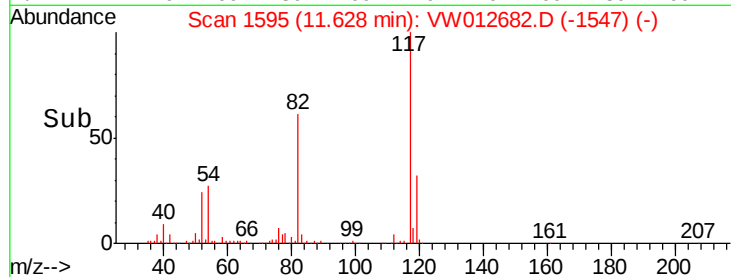
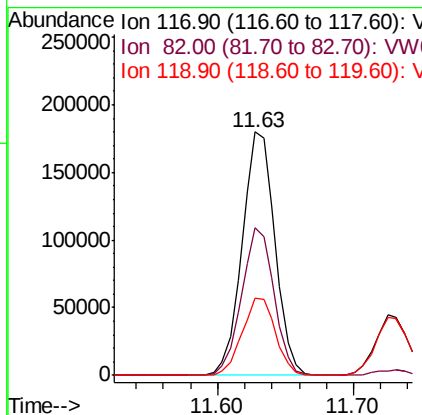
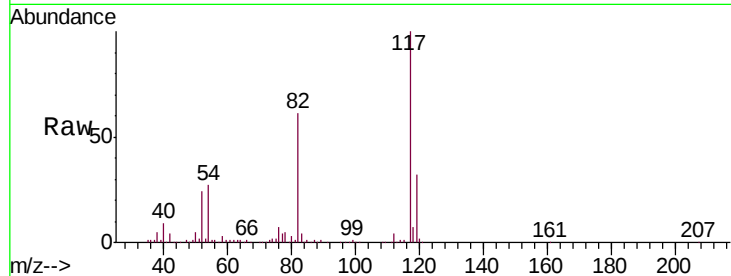
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	303043		
82	60.6	47.4	71.2	
119	31.9	25.4	38.2	

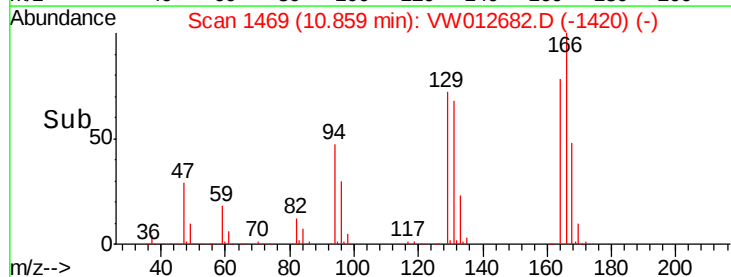
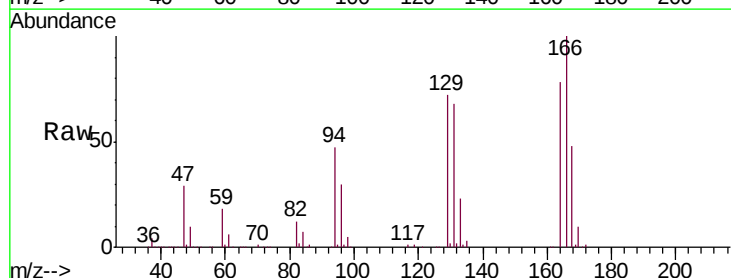
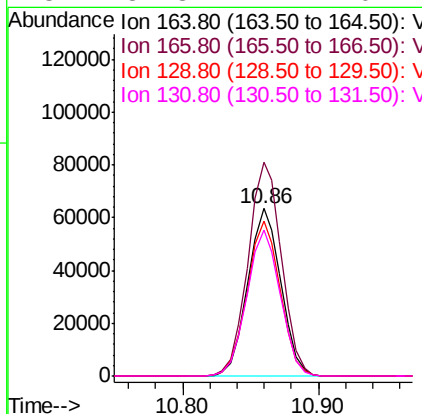
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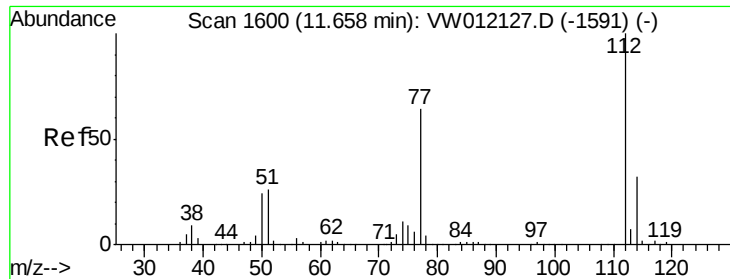
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#64
Tetrachloroethene
Concen: 54.982 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108024		
166	127.5	102.4	153.6	
129	92.3	75.8	113.6	
131	87.3	71.4	107.2	





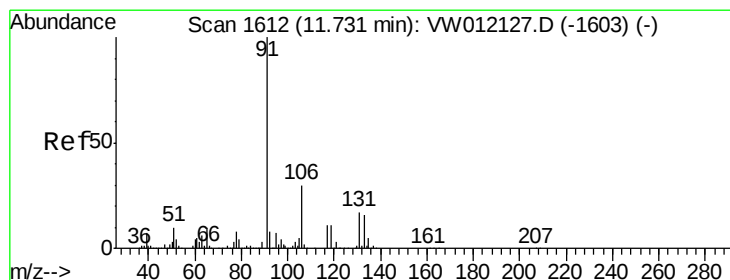
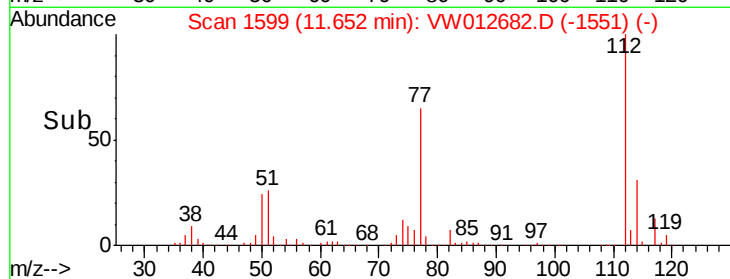
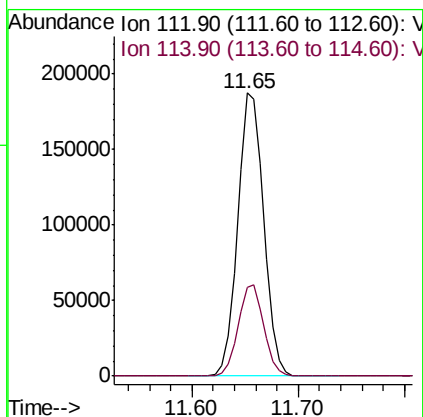
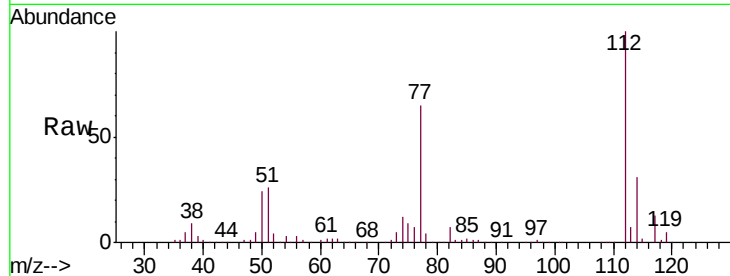
#65
Chlorobenzene
Concen: 53.794 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 320998
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

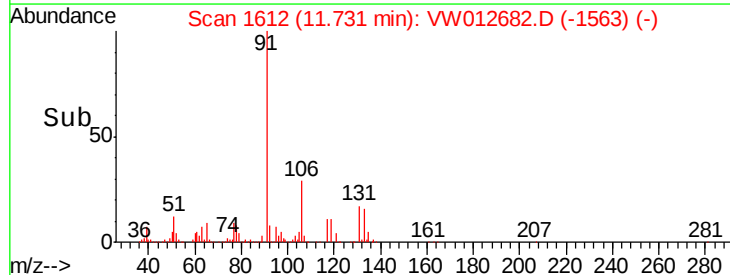
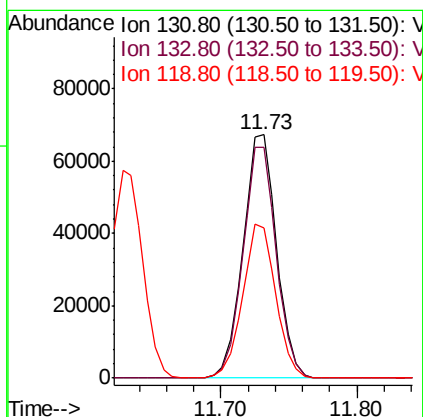
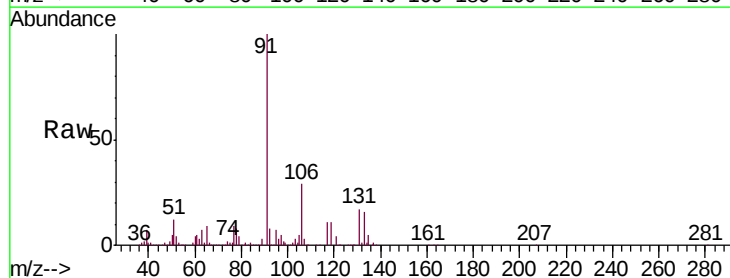
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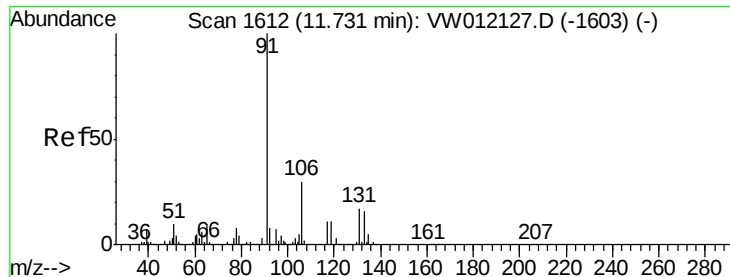
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.572 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion:131 Resp: 115685
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 62.6 31.8 95.3





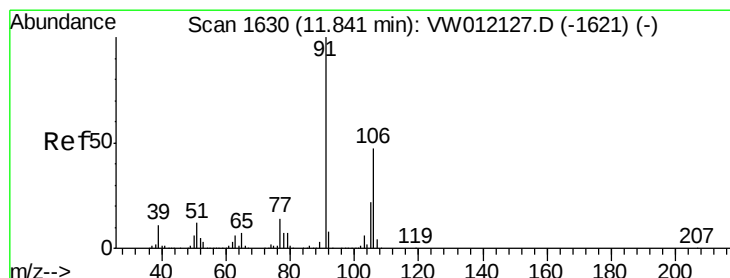
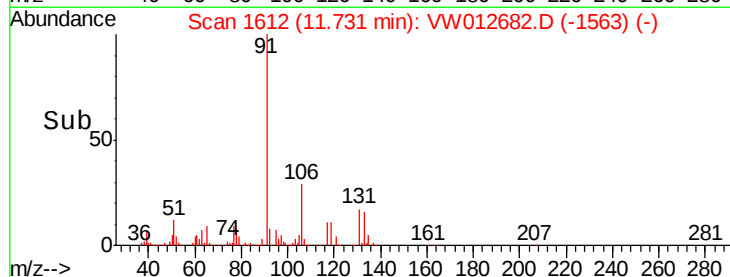
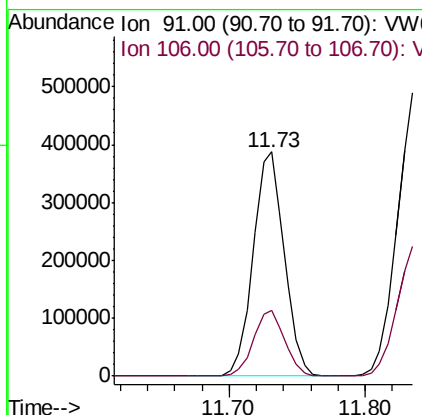
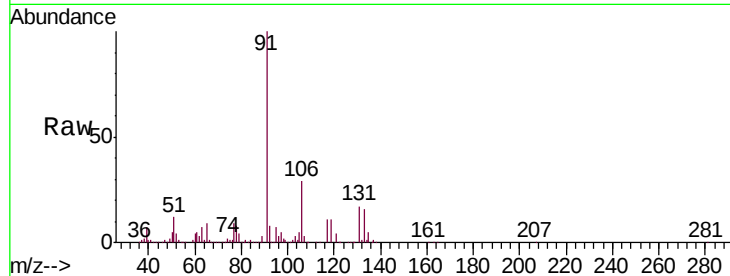
#67
Ethyl Benzene
Concen: 54.113 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 622017
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5

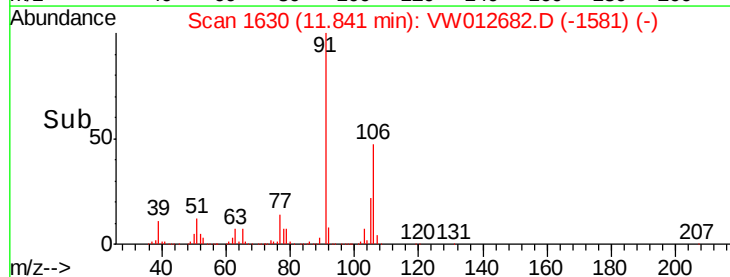
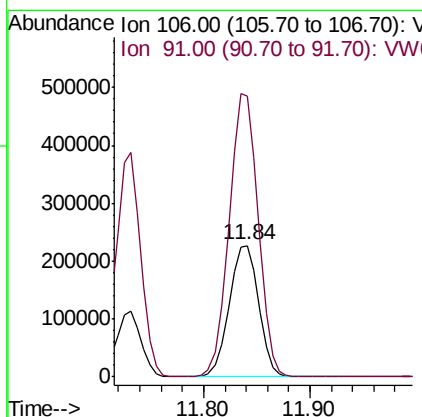
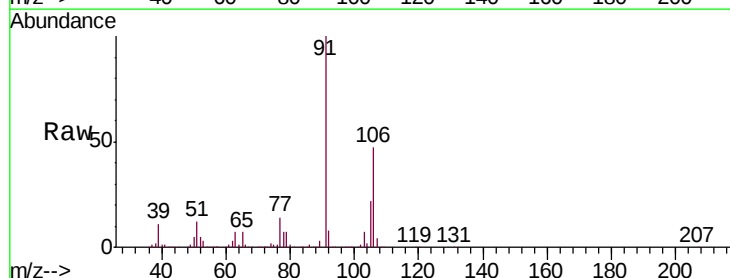
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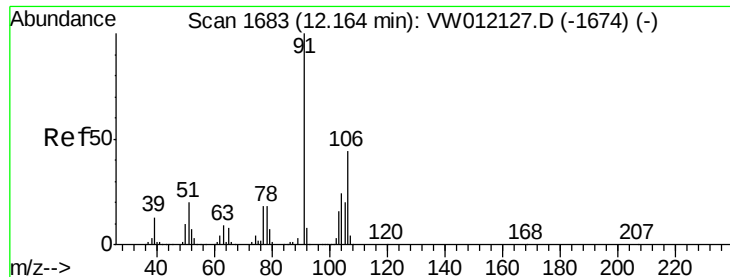
MMDadoda
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#68
m/p-Xylenes
Concen: 106.140 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion: 106 Resp: 439478
Ion Ratio Lower Upper
106 100
91 213.1 169.5 254.3





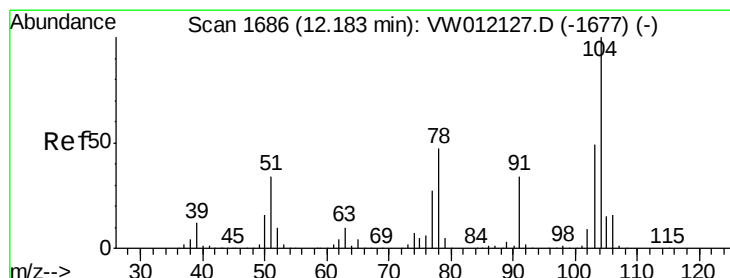
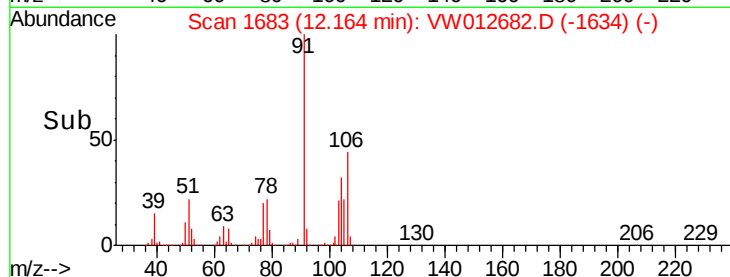
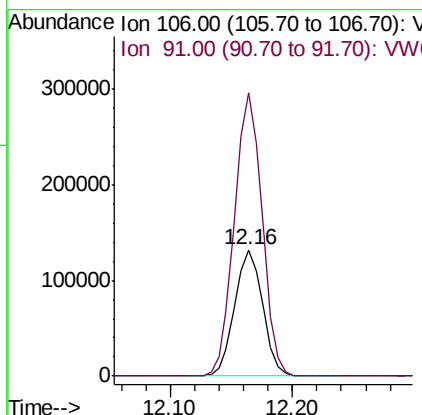
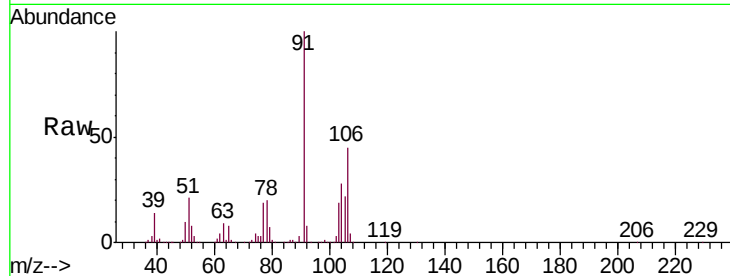
#69
o-Xylene
Concen: 54.313 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 208137
Ion Ratio Lower Upper
106 100
91 223.0 111.6 334.6

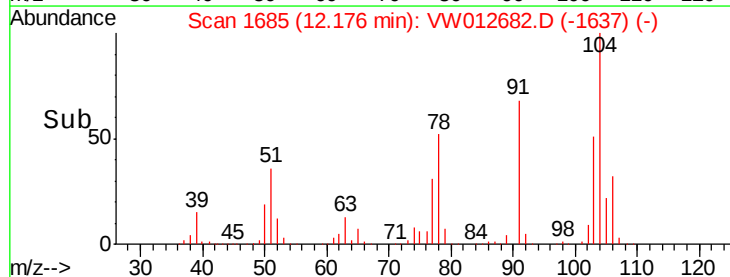
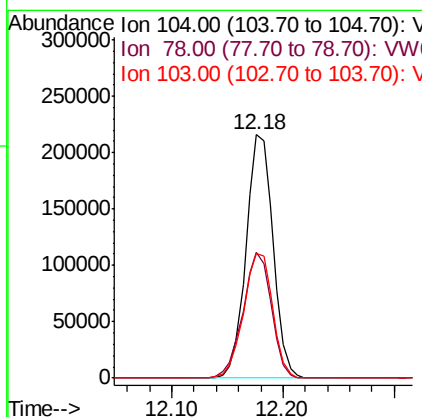
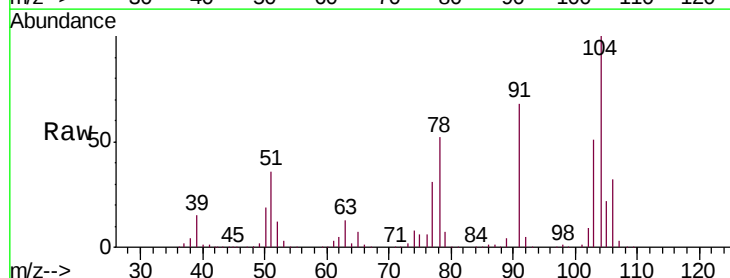
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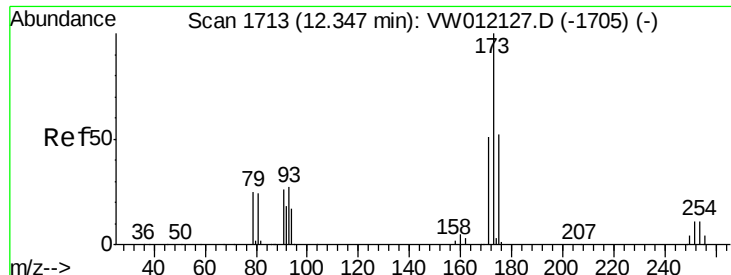
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#70
Styrene
Concen: 54.804 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion:104 Resp: 363524
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 55.3 43.5 65.3





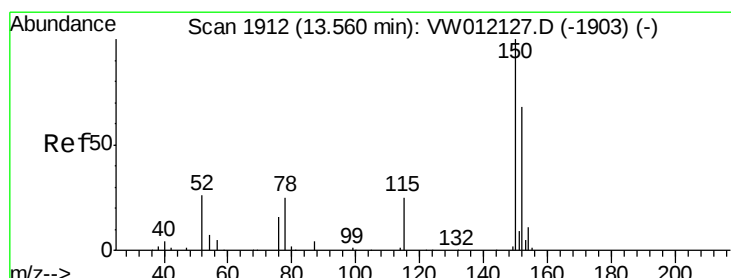
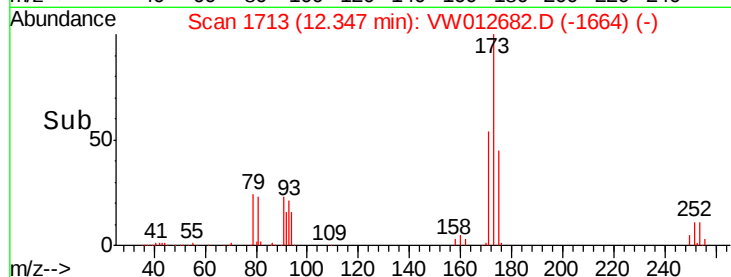
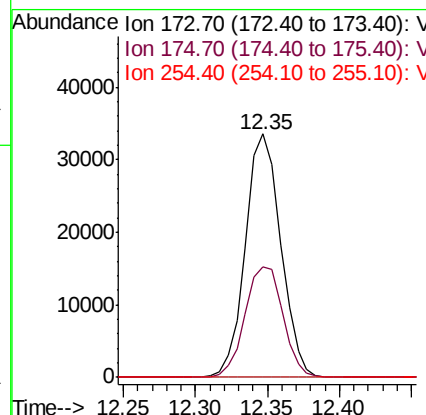
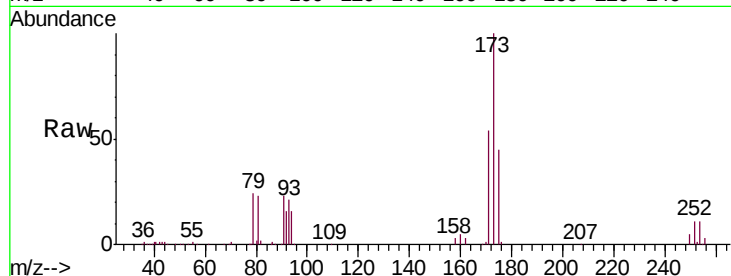
#71
Bromoform
Concen: 55.002 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	74.0
254	0.1	0.2	0.2#

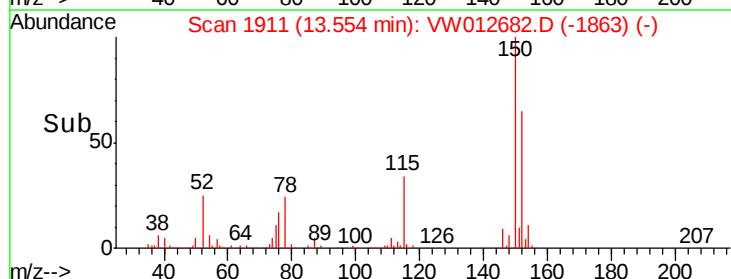
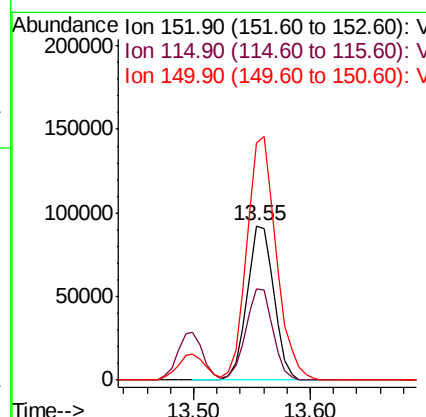
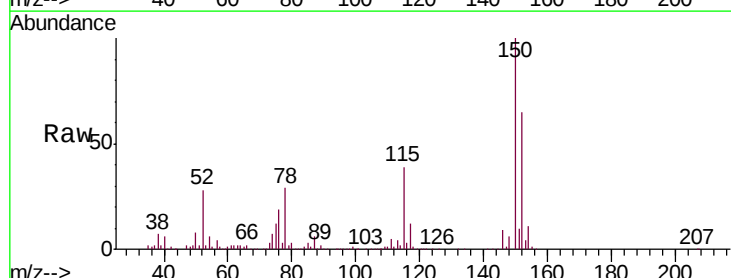
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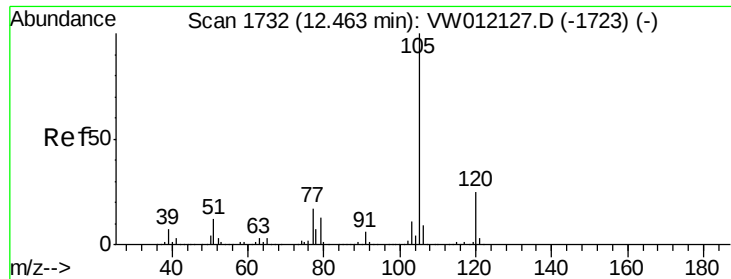
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.3
150	173.1	0.0	345.8





#73

Isopropylbenzene

Concen: 53.952 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 601598

Ion Ratio Lower Upper

105 100

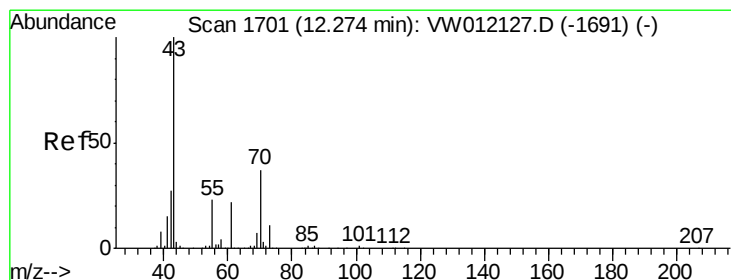
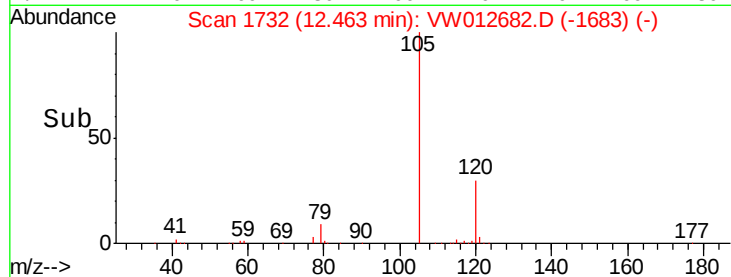
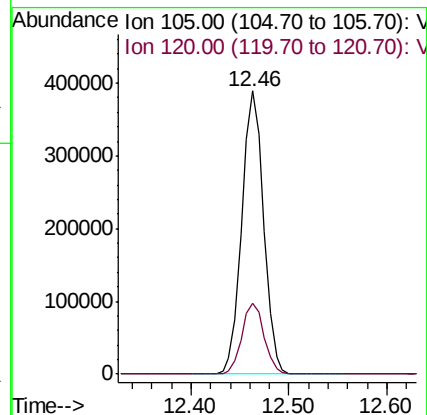
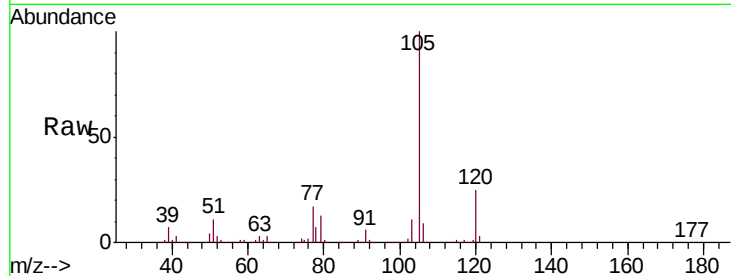
120 25.5 12.5 37.5

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#74

N-ethyl acetate

Concen: 46.812 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion: 43 Resp: 157705

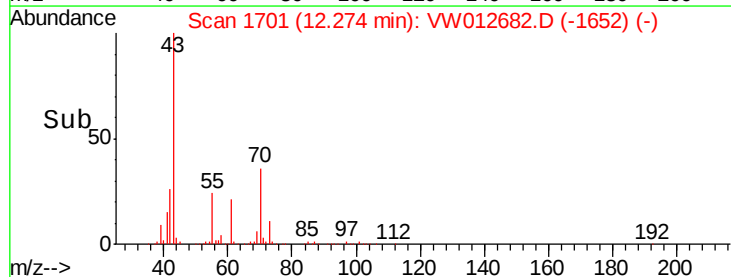
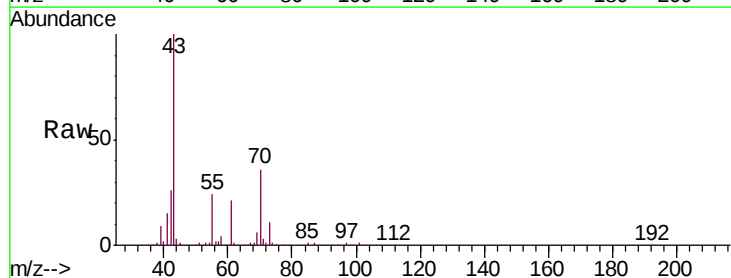
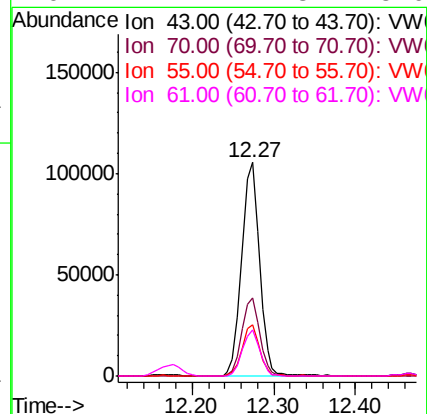
Ion Ratio Lower Upper

43 100

70 36.6 28.6 43.0

55 23.7 17.8 26.6

61 21.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.682 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

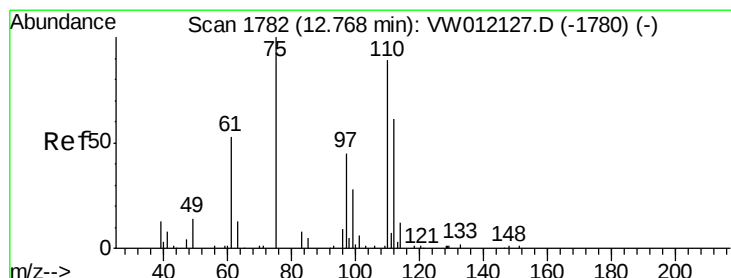
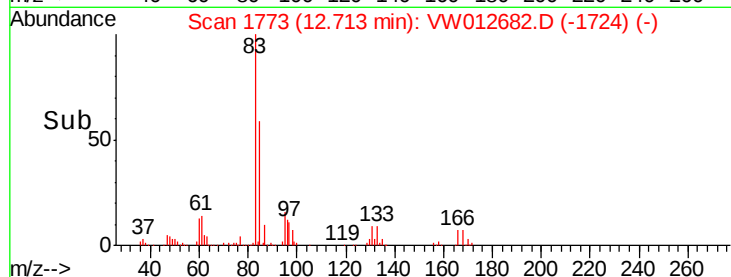
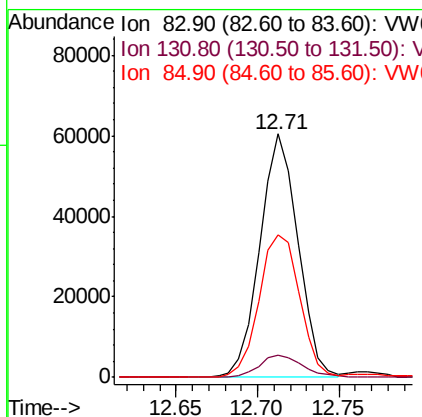
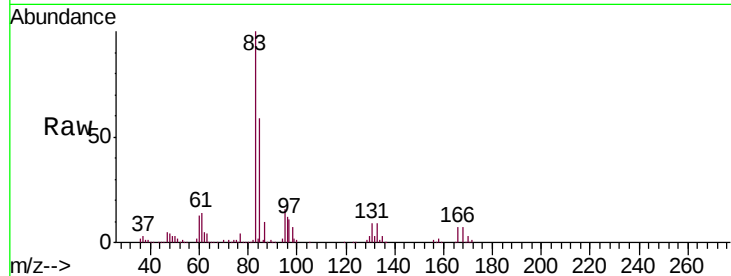
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	97473
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.9	14.7
85	62.6	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 54.471 ug/l m

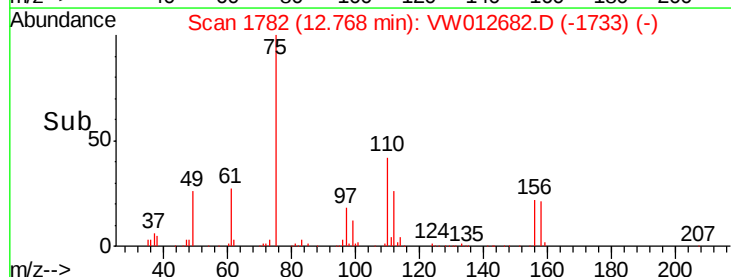
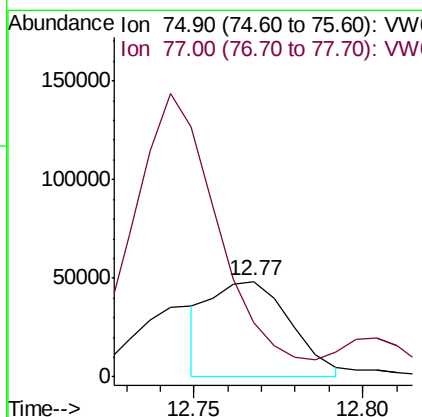
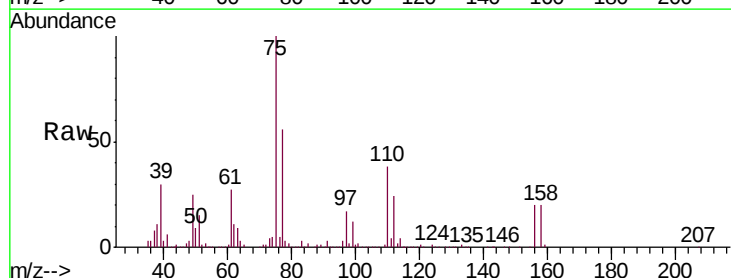
RT: 12.77 min Scan# 1782

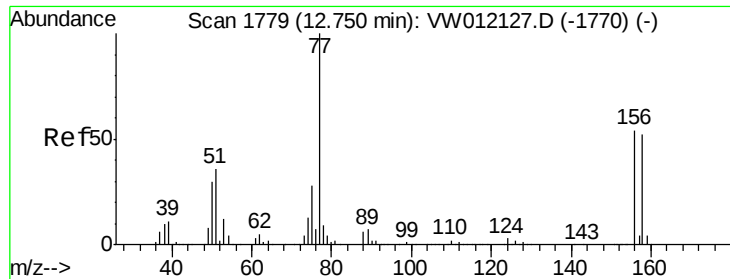
Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion:	75	Resp:	78946
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.604 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

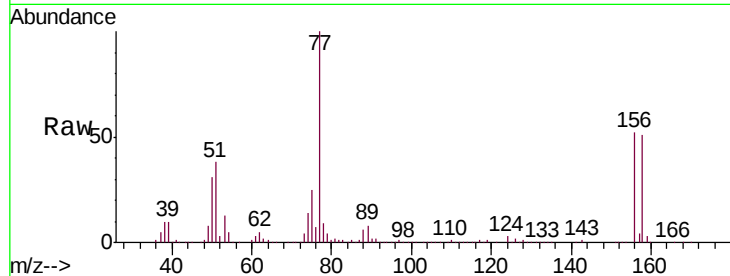
ClientSampleId :

VSTDCCC050

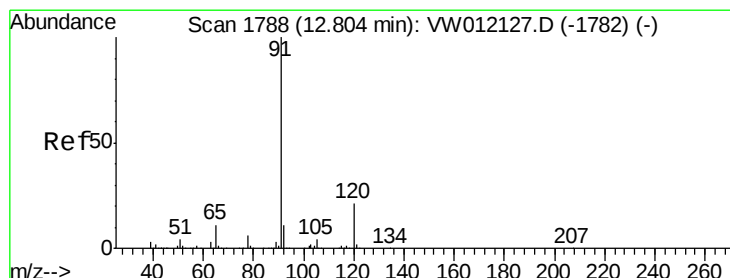
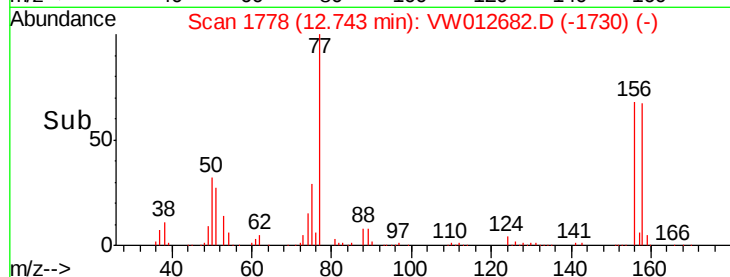
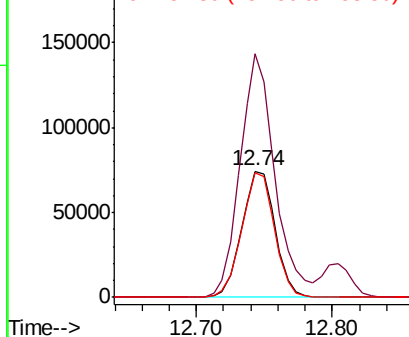
Tgt Ion:	156	Resp:	126898
Ion Ratio	Lower	Upper	
156	100		
77	202.2	107.3	321.8
158	97.1	49.0	147.0

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.254 ug/l

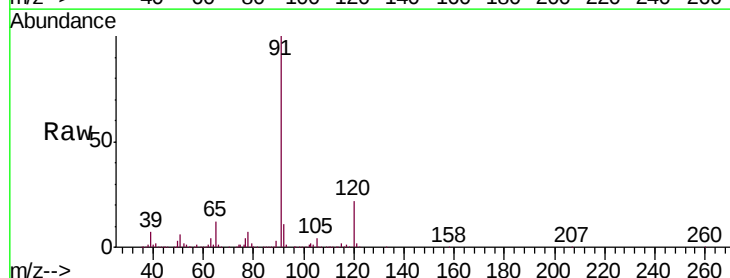
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

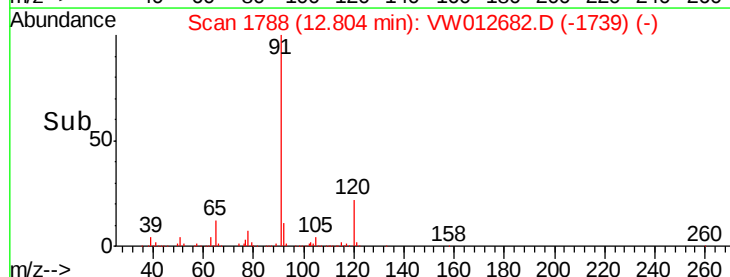
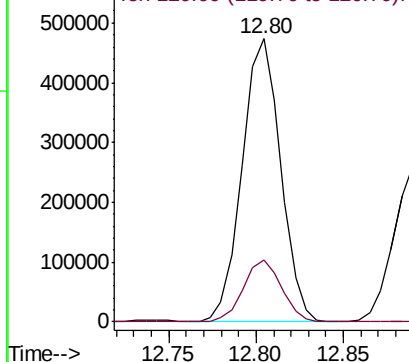
Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Tgt Ion:	91	Resp:	724927
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.5	31.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.820 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012682.D

Acq: 06 Sep 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 408223

Ion Ratio Lower Upper

91 100

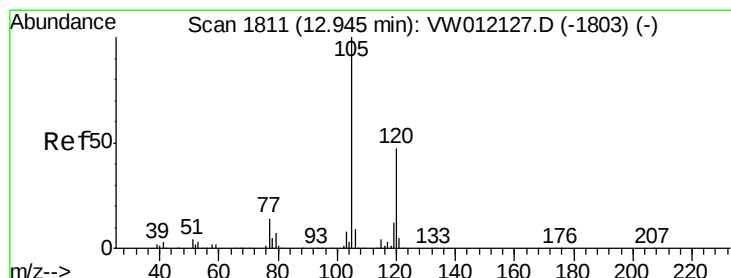
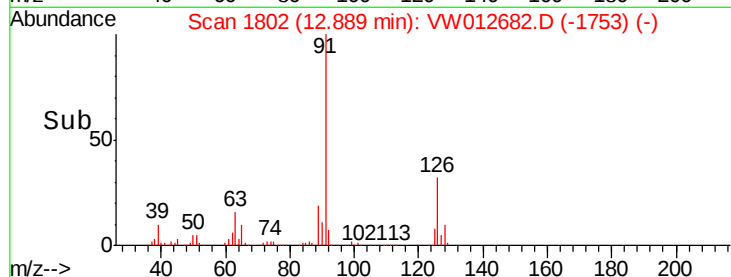
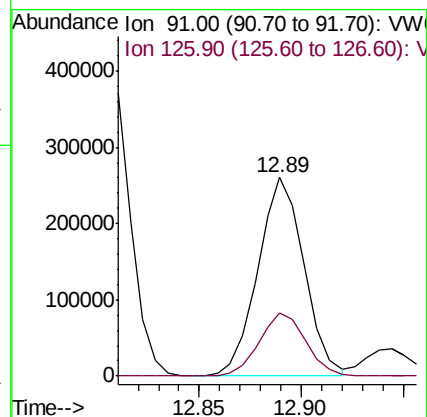
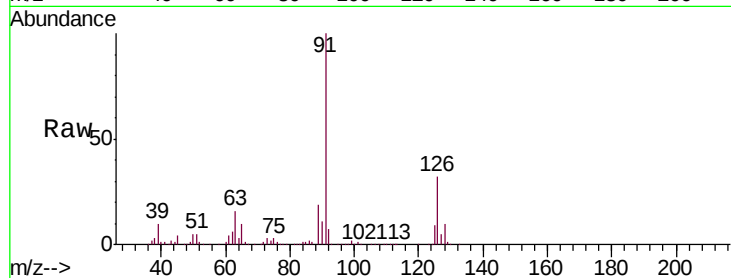
126 32.1 15.7 47.0

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#80

1,3,5-Trimethylbenzene

Concen: 54.919 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012682.D

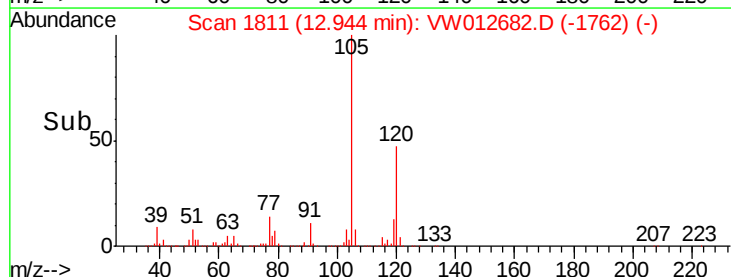
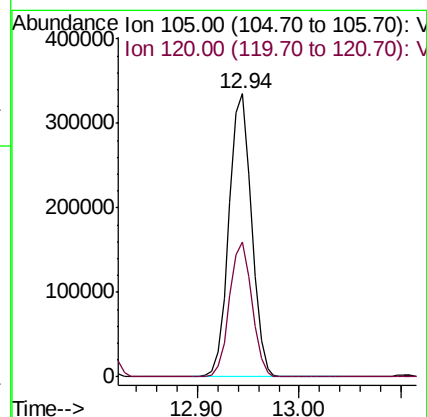
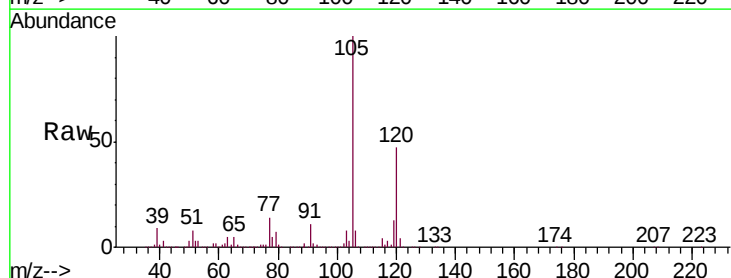
Acq: 06 Sep 2019 10:56

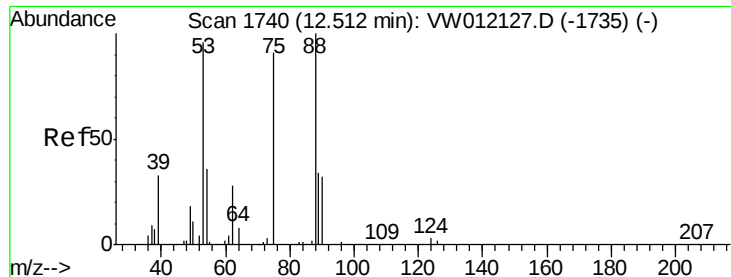
Tgt Ion: 105 Resp: 511700

Ion Ratio Lower Upper

105 100

120 47.4 24.0 72.0





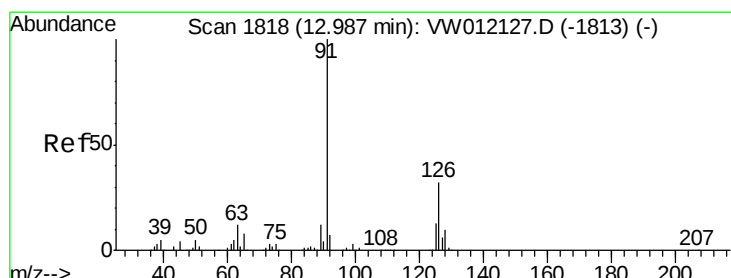
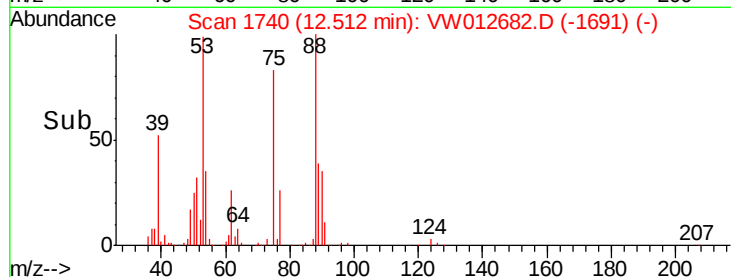
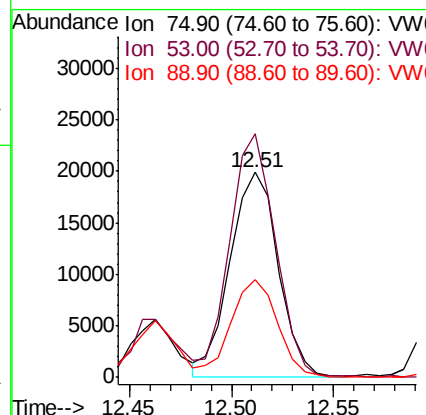
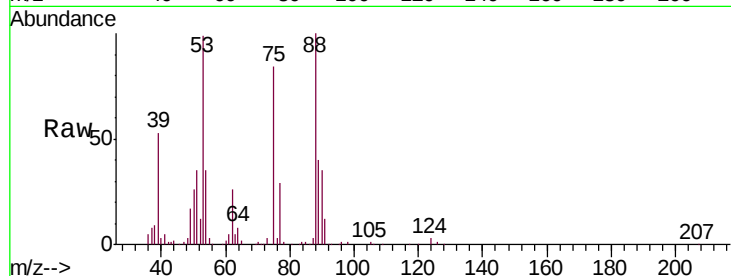
#81
trans-1,4-Dichloro-2-butene
Concen: 48.853 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.7	89.4	134.0
89	46.5	34.5	51.7

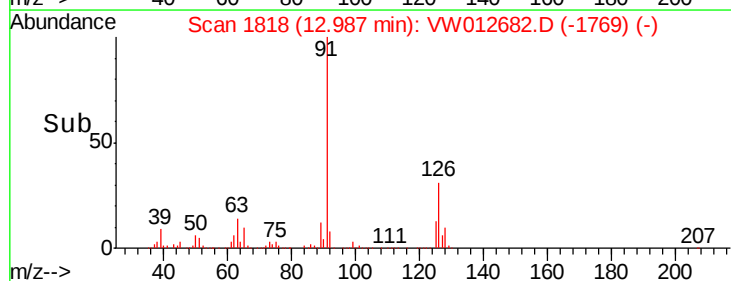
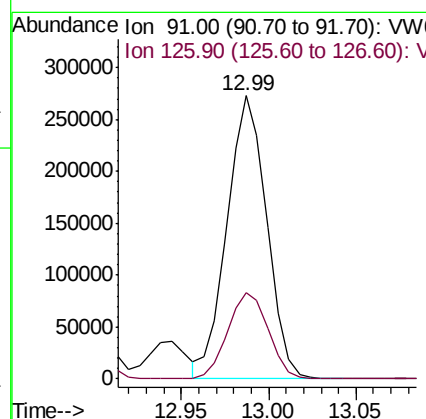
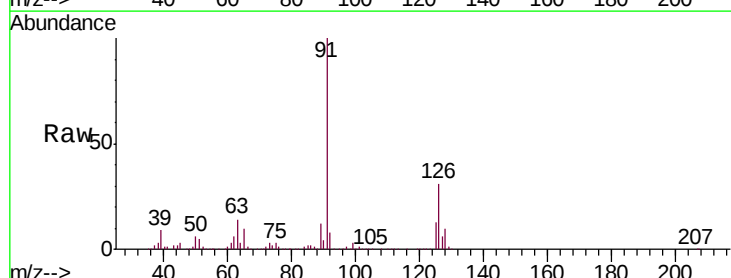
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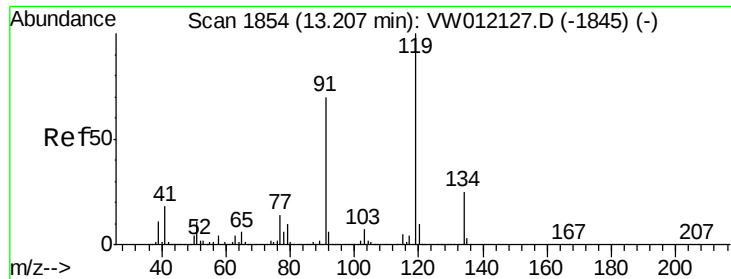
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#82
4-Chlorotoluene
Concen: 52.978 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





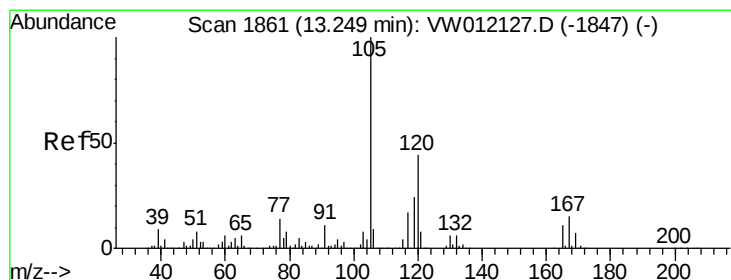
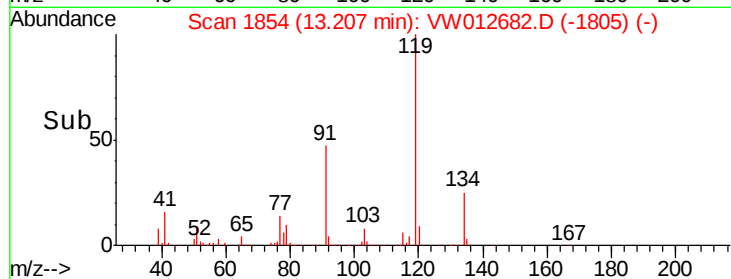
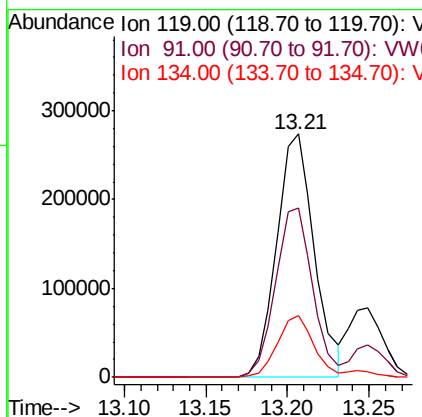
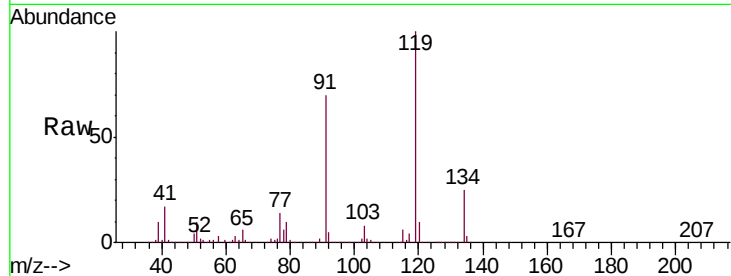
#83
 tert-Butylbenzene
 Concen: 55.823 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	440589		
91	68.7	34.8	104.3	
134	24.8	13.3	39.8	

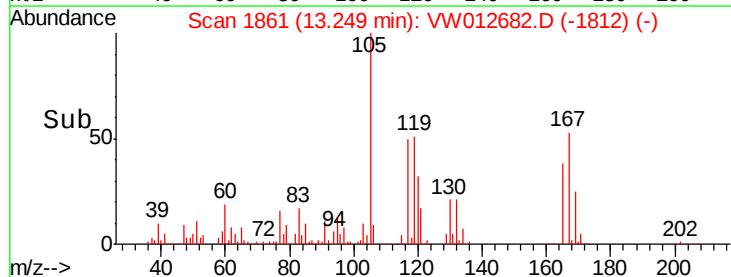
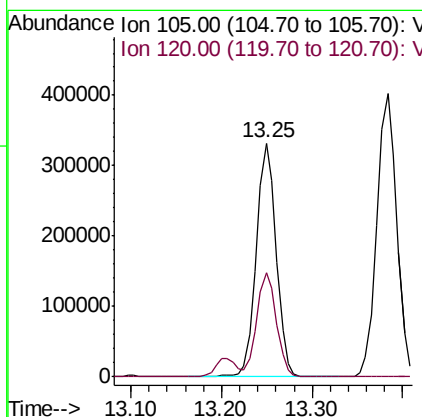
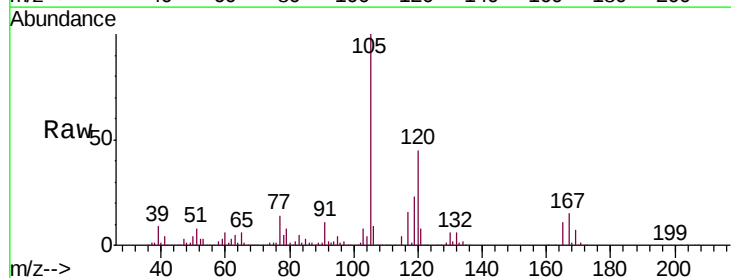
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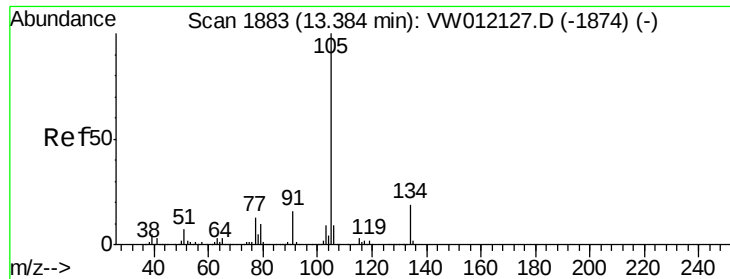
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.910 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	504573		
120	43.7	21.9	65.7	





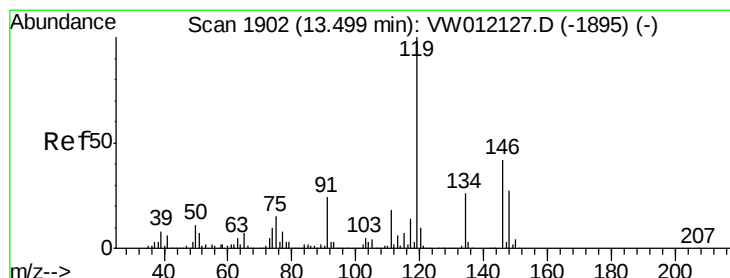
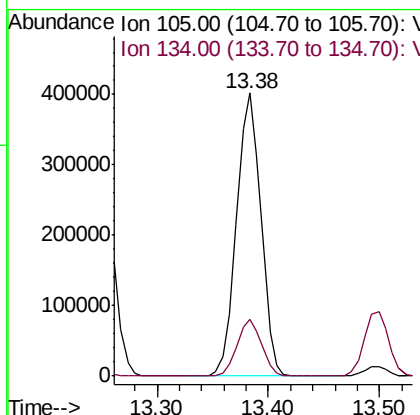
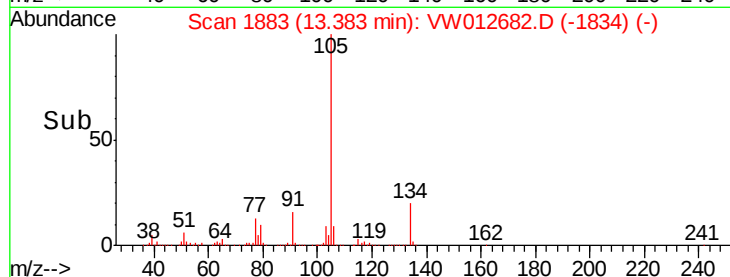
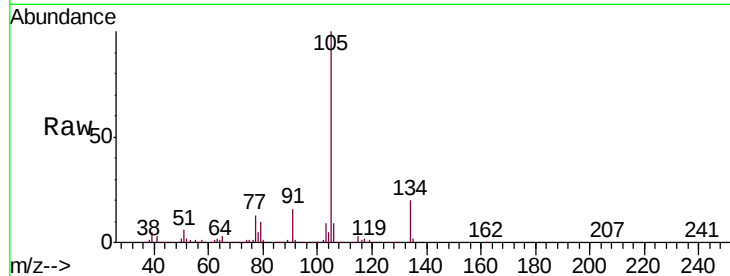
#85
 sec-Butylbenzene
 Concen: 53.891 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	609382		
134	20.0	9.8	29.4	

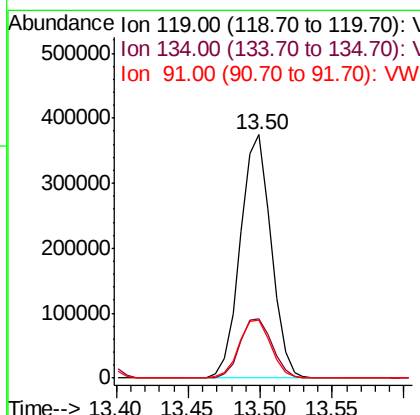
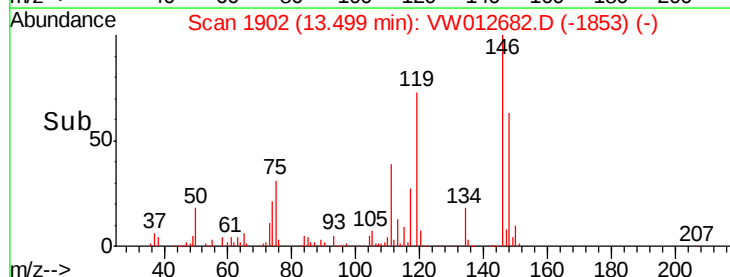
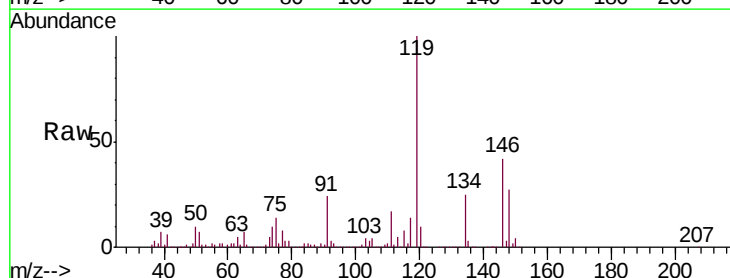
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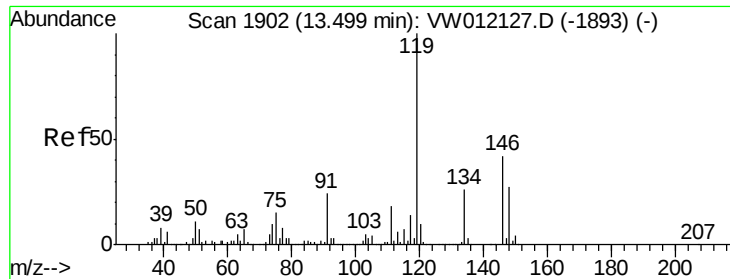
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#86
 p-Isopropyltoluene
 Concen: 54.901 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	554412		
134	25.5	12.8	38.3	
91	24.7	12.3	36.9	





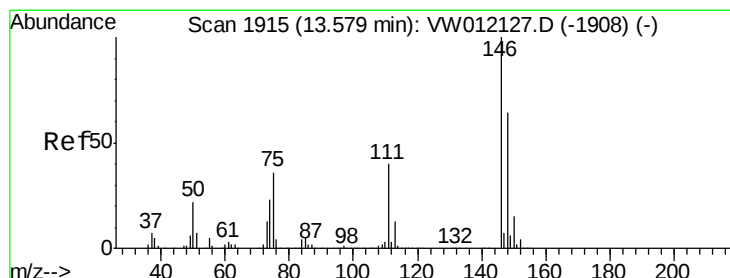
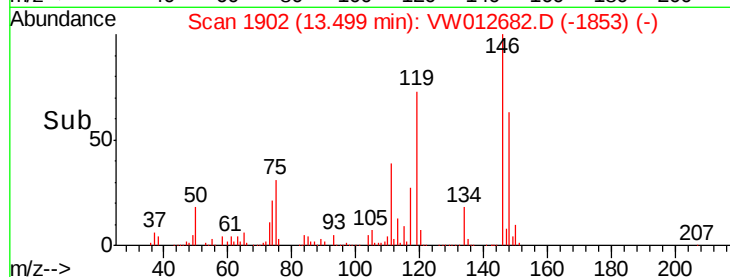
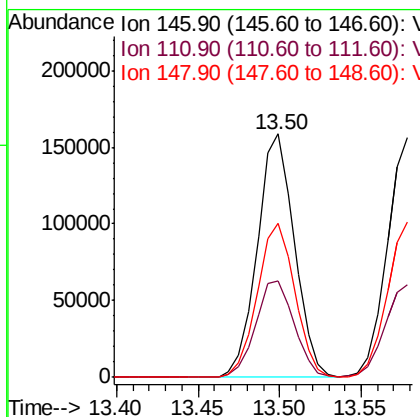
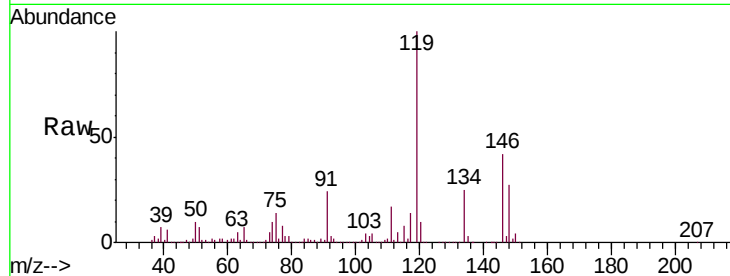
#87
 1,3-Dichlorobenzene
 Concen: 53.137 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	250723		
111	41.1	20.9	62.7	
148	63.8	32.2	96.6	

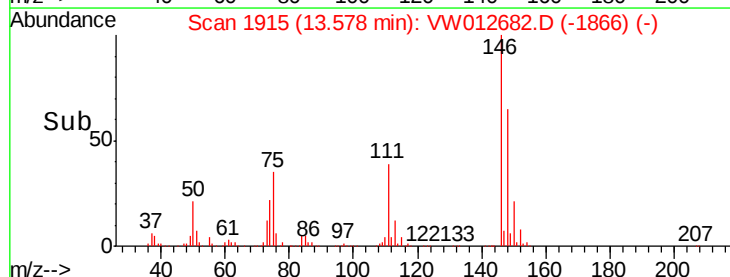
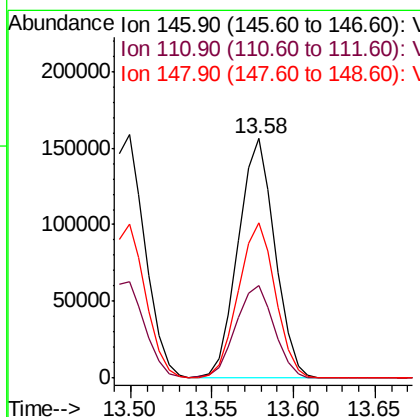
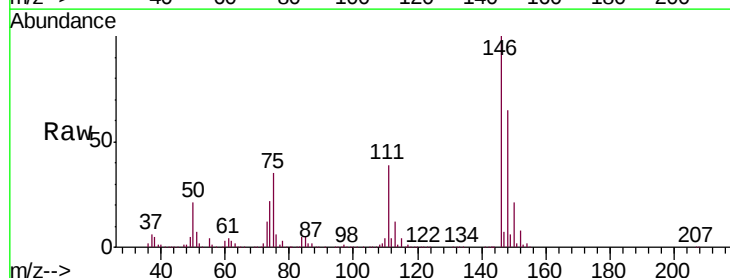
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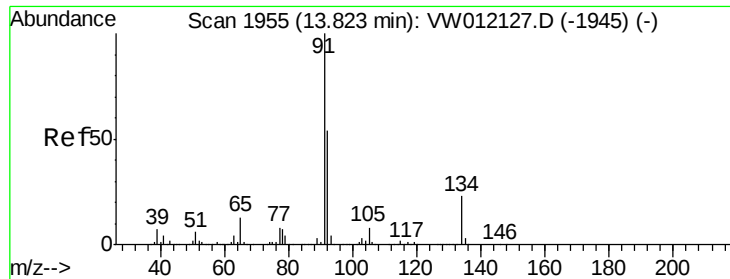
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#88
 1,4-Dichlorobenzene
 Concen: 52.409 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	245538		
111	40.4	20.0	60.0	
148	65.7	32.1	96.3	





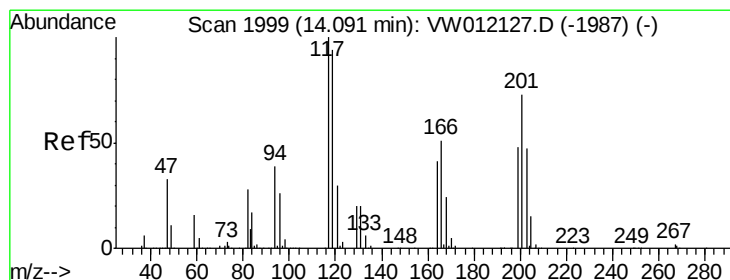
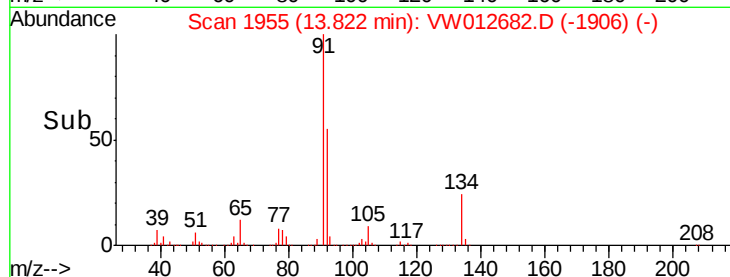
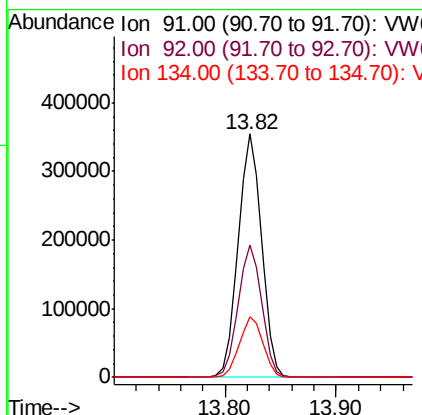
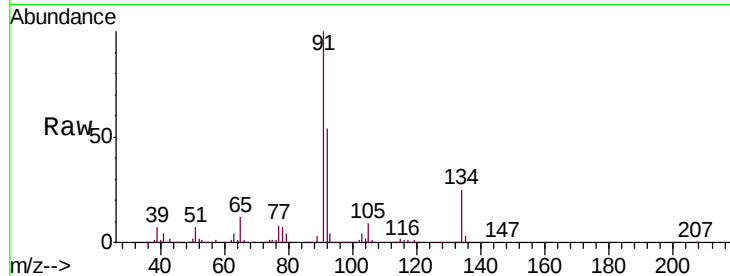
#89
n-Butylbenzene
Concen: 51.395 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	516121		
92	54.6	27.1	81.2	
134	25.2	12.2	36.4	

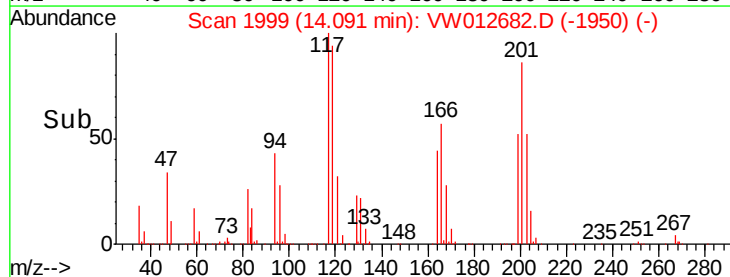
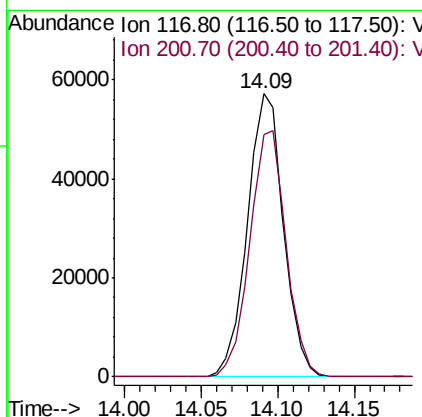
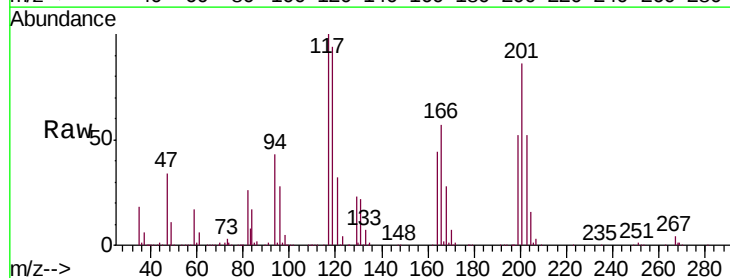
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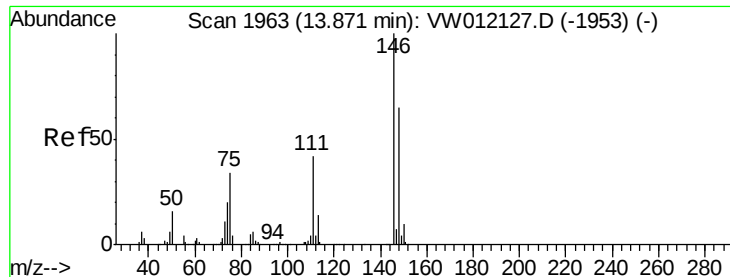
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#90
Hexachloroethane
Concen: 52.766 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93486		
201	87.9	38.6	115.7	





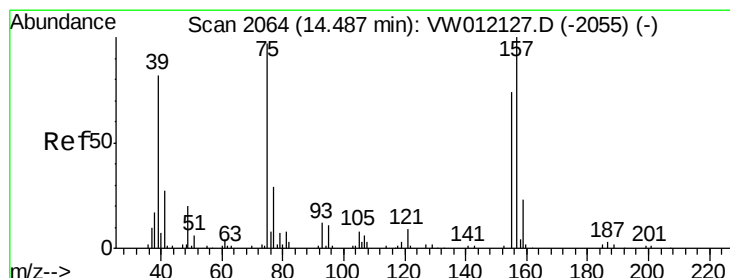
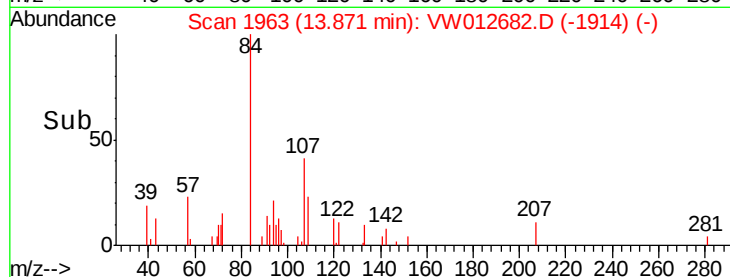
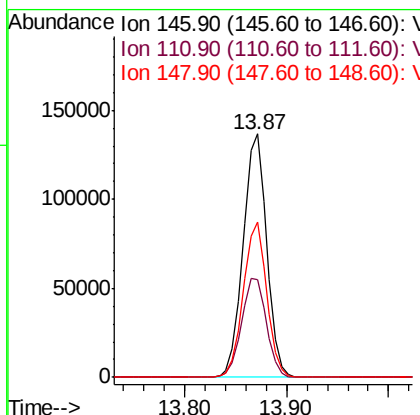
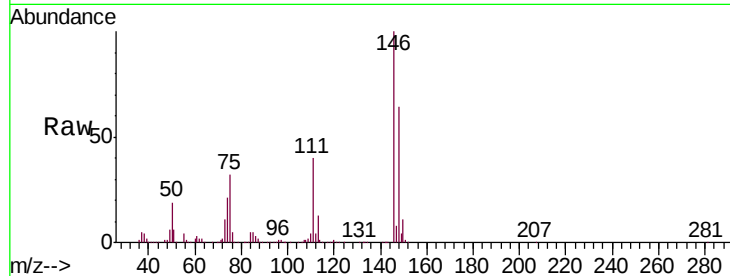
#91
 1,2-Dichlorobenzene
 Concen: 52.761 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218390		
111	42.9	21.2	63.6	
148	63.4	32.5	97.4	

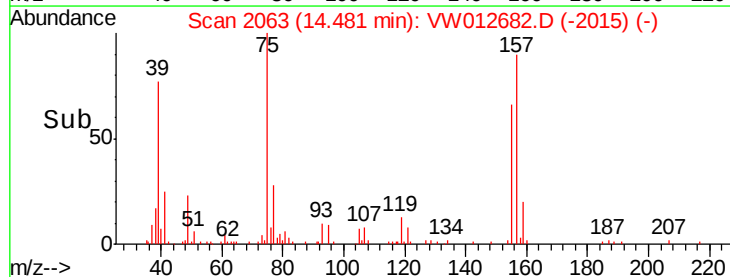
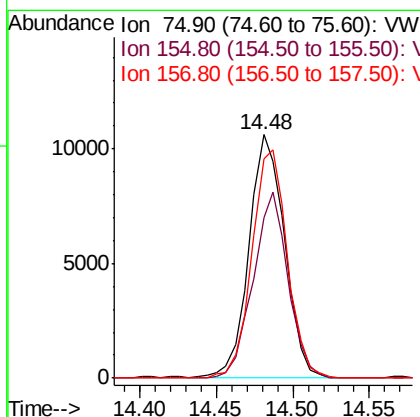
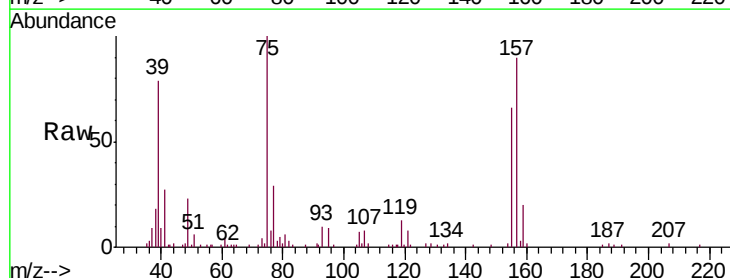
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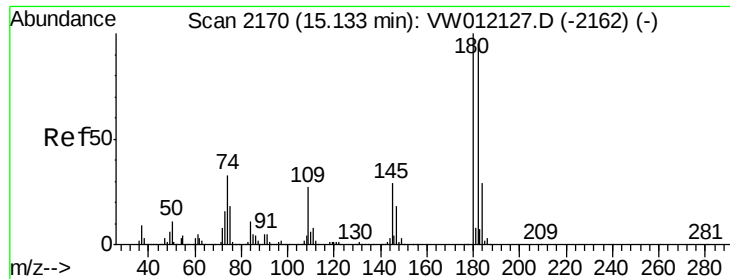
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.947 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012682.D
 Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17213		
155	74.6	37.5	112.3	
157	93.0	50.5	151.5	





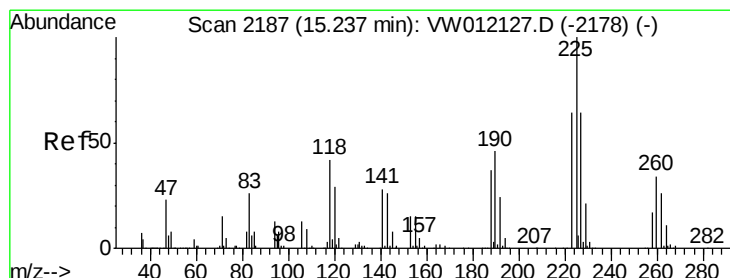
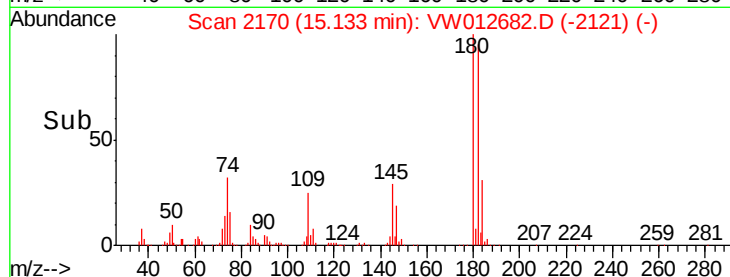
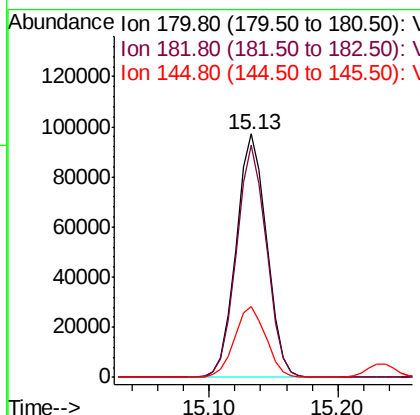
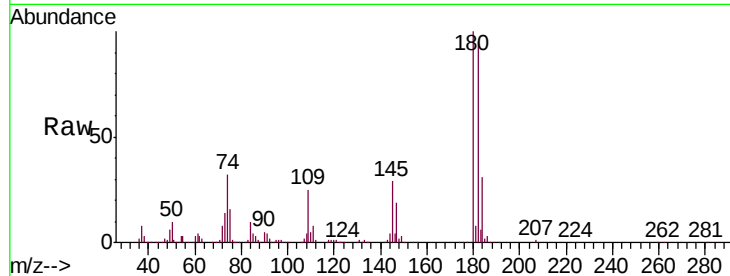
#93
1,2,4-Trichlorobenzene
Concen: 55.557 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158920		
182	94.0	47.8	143.4	
145	30.0	15.0	45.1	

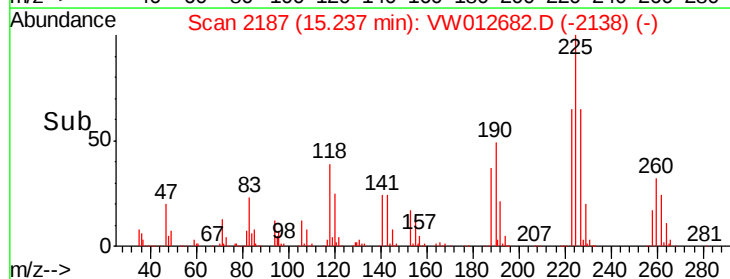
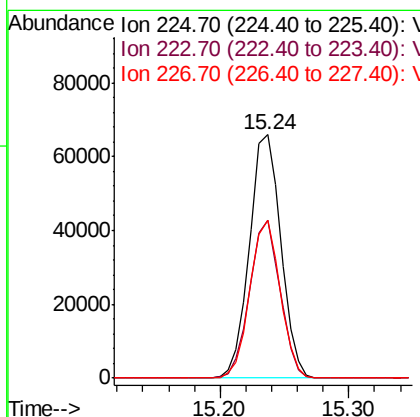
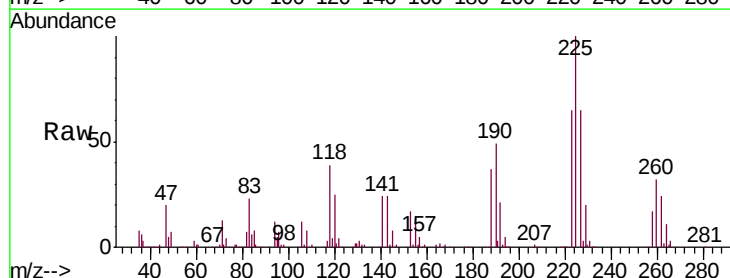
Manual Integrations
APPROVED

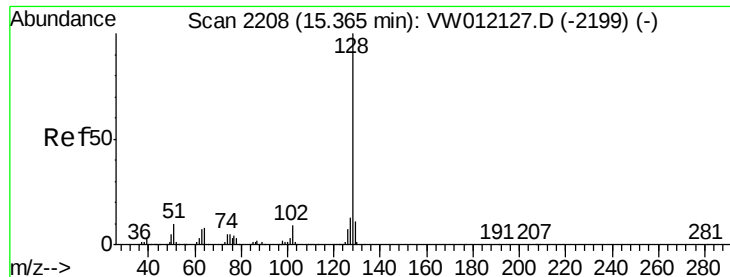
MMDadoda
9/9/2019 4:45:07 AM



#94
Hexachlorobutadiene
Concen: 58.627 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110734		
223	62.7	32.3	96.8	
227	62.4	32.9	98.6	





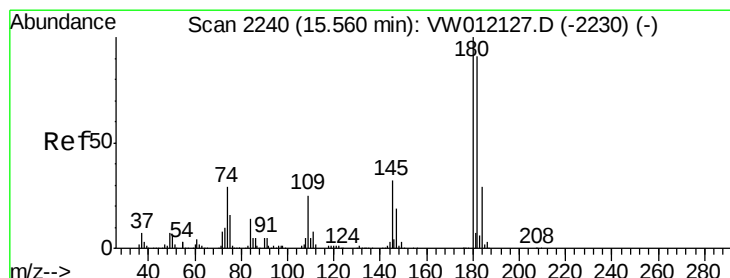
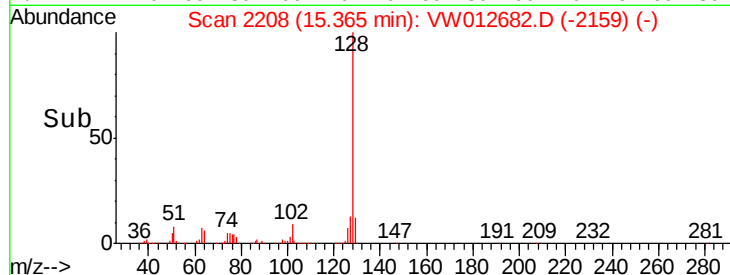
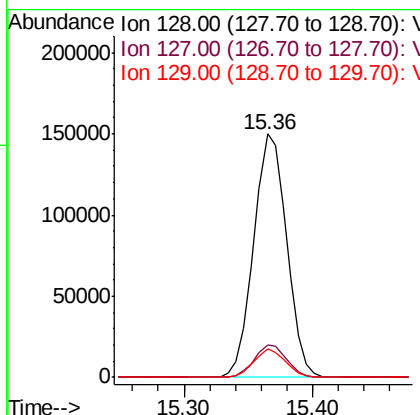
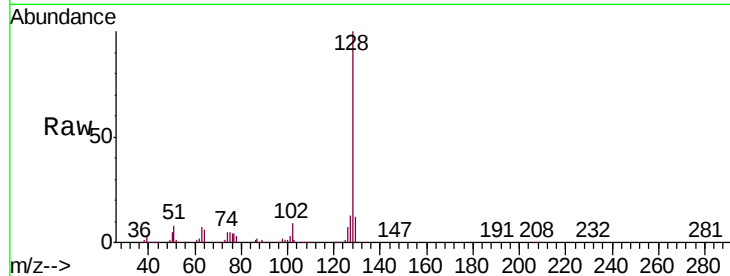
#95
Naphthalene
Concen: 47.516 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	265389		
127	13.2	10.7	16.1	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.540 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012682.D
Acq: 06 Sep 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	133620		
182	95.3	47.1	141.3	
145	31.9	16.2	48.5	

