

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008642.D
 Acq On : 13 Feb 2019 16:03
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 2:09:04 PM

Quant Time: Feb 14 04:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:43:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	412964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	641634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	578386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	310024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	456783	106.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.78%	
35) Dibromofluoromethane	7.88	113	406447	102.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.04%	
50) Toluene-d8	10.32	98	1582016	103.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.02%	
62) 4-Bromofluorobenzene	12.62	95	609737	105.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	277854	105.049	ug/l	98
3) Chloromethane	2.21	50	410409	107.634	ug/l	99
4) Vinyl Chloride	2.37	62	524307	104.681	ug/l	100
5) Bromomethane	2.77	94	417947	105.455	ug/l	99
6) Chloroethane	2.92	64	393084	105.473	ug/l	100
7) Trichlorofluoromethane	3.25	101	442407	113.409	ug/l	100
8) Diethyl Ether	3.67	74	241645	103.803	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	422969	102.600	ug/l	98
10) Methyl Iodide	4.26	142	659922	102.562	ug/l	100
11) Tert butyl alcohol	5.18	59	164521	488.163	ug/l	100
12) 1,1-Dichloroethene	4.03	96	407454	101.065	ug/l	96
13) Acrolein	3.89	56	181658	513.286	ug/l	96
14) Allyl chloride	4.65	41	711814	106.269	ug/l	100
15) Acrylonitrile	5.36	53	512263	522.803	ug/l	99
16) Acetone	4.12	43	501568	515.165	ug/l	99
17) Carbon Disulfide	4.37	76	1253467	103.025	ug/l	99
18) Methyl Acetate	4.67	43	229352	102.734	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	727878	102.846	ug/l	97
20) Methylene Chloride	4.90	84	421094	75.320	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	448675	101.622	ug/l	95
22) Diisopropyl ether	6.31	45	1410286	104.611	ug/l	98
23) Vinyl Acetate	6.25	43	4769212	545.074	ug/l	100
24) 1,1-Dichloroethane	6.21	63	804192	103.376	ug/l	100
25) 2-Butanone	7.17	43	733759	531.888	ug/l	99
26) 2,2-Dichloropropane	7.16	77	491846	101.207	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	486225	101.843	ug/l	97
28) Bromochloromethane	7.51	49	357567	108.883	ug/l	99
29) Tetrahydrofuran	7.53	42	478586	526.338	ug/l	99
30) Chloroform	7.67	83	806994	103.529	ug/l	98
31) Cyclohexane	7.95	56	753601	95.977	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	682822	103.722	ug/l	99
36) 1,1-Dichloropropene	8.08	75	653701	101.406	ug/l	100
37) Ethyl Acetate	7.25	43	331435	106.584	ug/l	99
38) Carbon Tetrachloride	8.07	117	666288	103.943	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	826487	101.365	ug/l	99
40) Benzene	8.32	78	1775137	100.828	ug/l	100
41) Methacrylonitrile	7.48	41	169453	96.853	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	559416	102.440	ug/l	100
43) Isopropyl Acetate	8.42	43	667222	107.606	ug/l	100
44) Trichloroethene	9.09	130	490789	100.542	ug/l	100
45) 1,2-Dichloropropane	9.37	63	443688	101.832	ug/l	97
46) Dibromomethane	9.45	93	246179	102.568	ug/l	100
47) Bromodichloromethane	9.64	83	617669	107.081	ug/l	99
48) Methyl methacrylate	9.43	41	314803	109.551	ug/l	99
49) 1,4-Dioxane	9.45	88	78988	2061.705	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	1706962	535.907	ug/l	100
52) Toluene	10.38	92	1177969	103.715	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	666510	109.989	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	732440	106.625	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	340223	103.308	ug/l	97
56) Ethyl methacrylate	10.65	69	480697	109.923	ug/l	98
57) 1,3-Dichloropropane	10.93	76	600423	102.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	1124843	536.209	ug/l	99
59) 2-Hexanone	10.97	43	1224758	547.356	ug/l	99
60) Dibromochloromethane	11.13	129	426265	108.176	ug/l	100
61) 1,2-Dibromoethane	11.23	107	338034	104.248	ug/l	99
64) Tetrachloroethene	10.86	164	434505	101.022	ug/l	99
65) Chlorobenzene	11.66	112	1271458	101.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	466763	105.693	ug/l	99
67) Ethyl Benzene	11.73	91	2300696	103.605	ug/l	99
68) m/p-Xylenes	11.84	106	1798103	208.107	ug/l	99
69) o-Xylene	12.16	106	864800	105.887	ug/l	99
70) Styrene	12.18	104	1455266	109.092	ug/l	99
71) Bromoform	12.35	173	268001	112.629	ug/l #	100
73) Isopropylbenzene	12.46	105	2414034	104.535	ug/l	99
74) N-amyl acetate	12.27	43	709195	113.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	423399	105.379	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	306187m	82.749	ug/l	
77) Bromobenzene	12.75	156	540295	101.781	ug/l	98
78) n-propylbenzene	12.80	91	2850443	103.884	ug/l	100
79) 2-Chlorotoluene	12.90	91	1610755	103.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2003998	104.476	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	148575	118.634	ug/l	97
82) 4-Chlorotoluene	12.99	91	1719483	104.627	ug/l	99
83) tert-Butylbenzene	13.21	119	1719931	103.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	2061248	104.554	ug/l	98
85) sec-Butylbenzene	13.38	105	2523283	104.046	ug/l	99
86) p-Isopropyltoluene	13.50	119	2261634	104.244	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1092210	101.496	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	1070644	100.951	ug/l	100
89) n-Butylbenzene	13.83	91	2152411	104.401	ug/l	99
90) Hexachloroethane	14.10	117	408773	107.844	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	966328	101.355	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	73516	105.293	ug/l	98

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ClientSampleId :
VSTDICC100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	668046	98.433	ug/l	99
94) Hexachlorobutadiene	15.24	225	385870	97.674	ug/l	99
95) Naphthalene	15.37	128	1262960	103.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	578258	99.291	ug/l	100

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

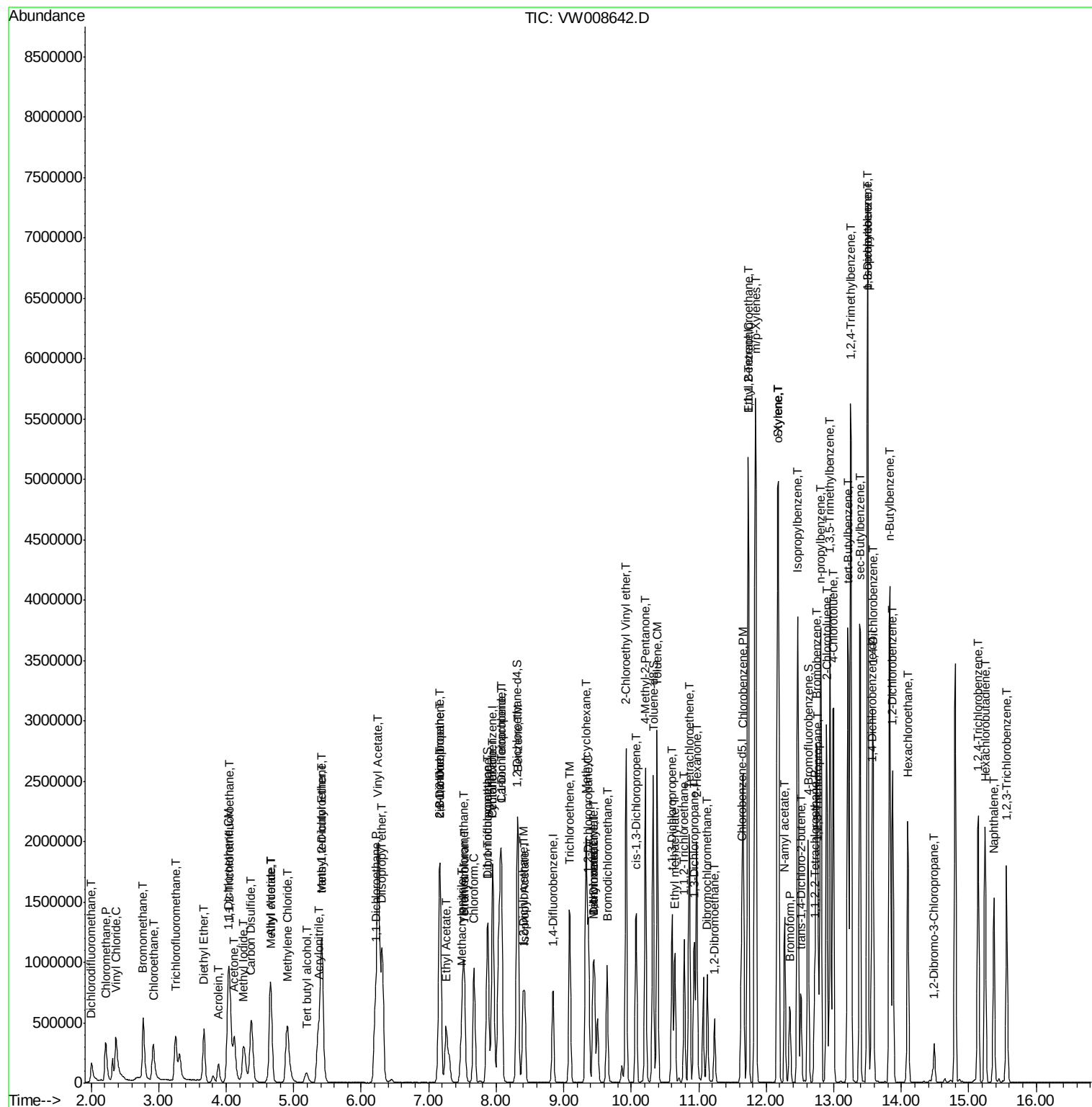
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
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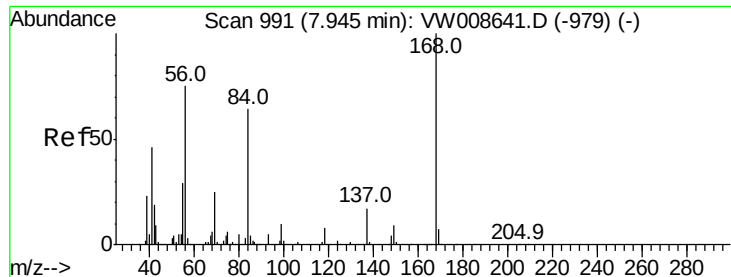
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 412964

Ion Ratio Lower Upper

168 100

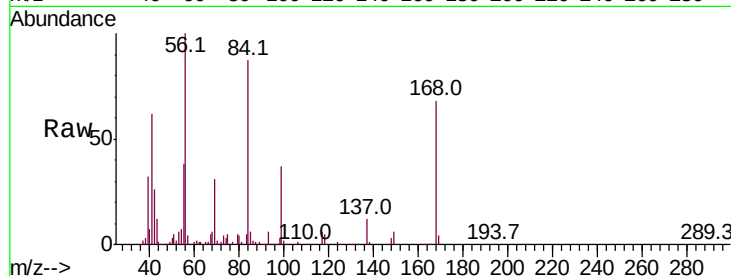
99 54.1 42.8 64.2

Manual Integrations

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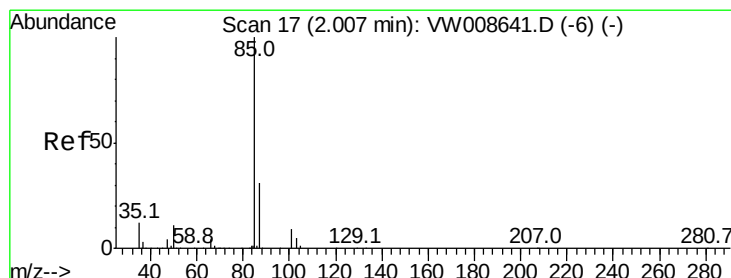
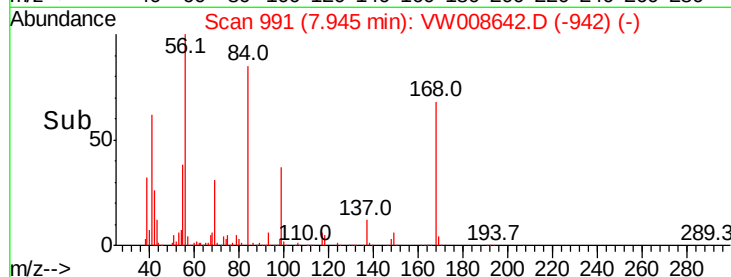
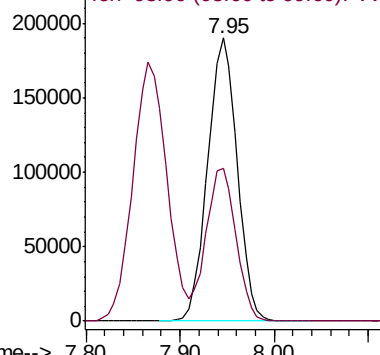
MMDadoda

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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: 105.049 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008642.D

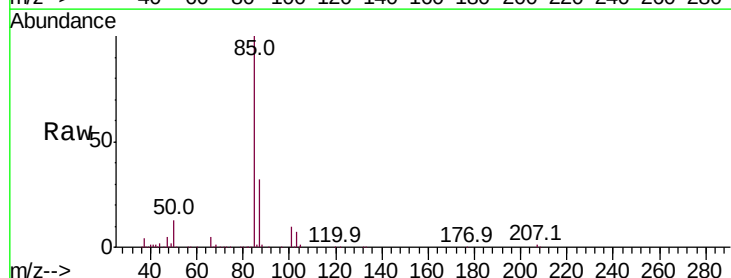
Acq: 13 Feb 2019 16:03

Tgt Ion: 85 Resp: 277854

Ion Ratio Lower Upper

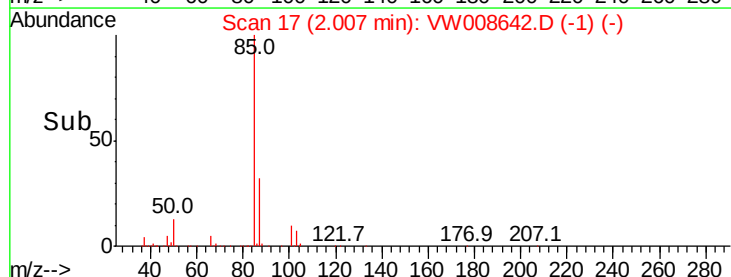
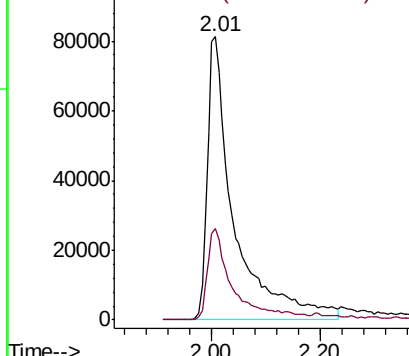
85 100

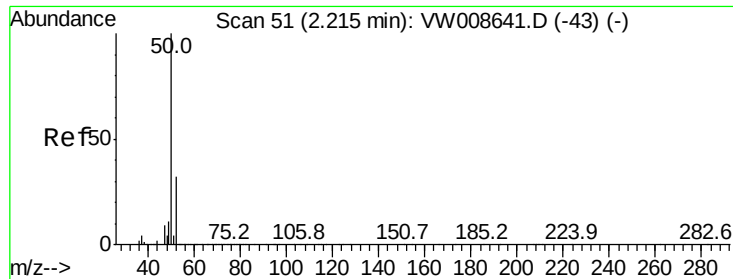
87 32.1 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 107.634 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 410409

Ion Ratio Lower Upper

50 100

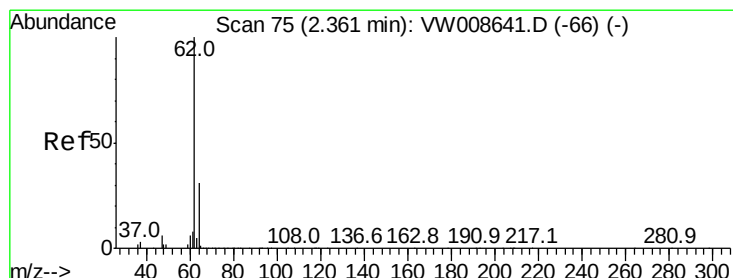
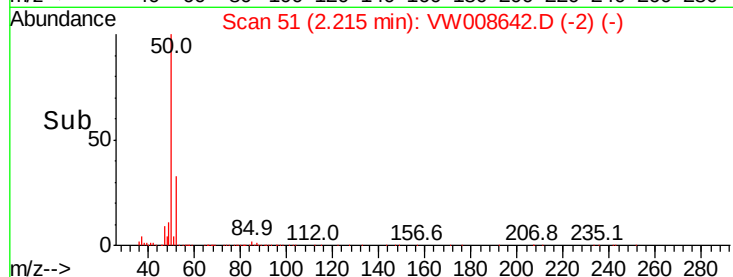
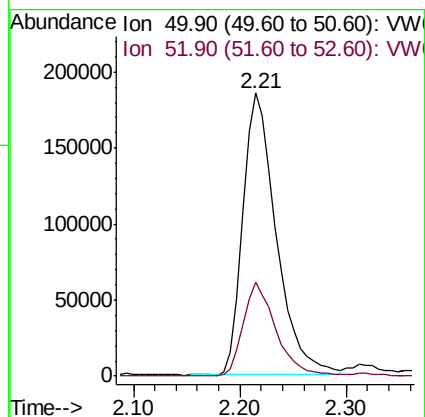
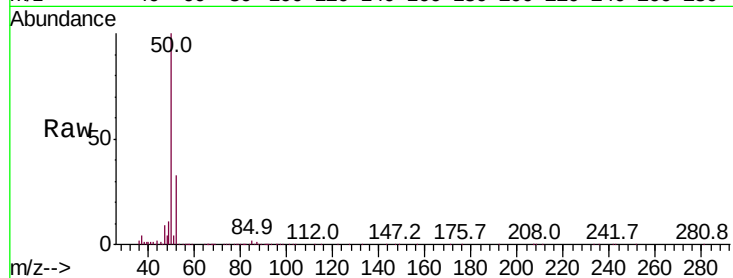
52 33.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 104.681 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW008642.D

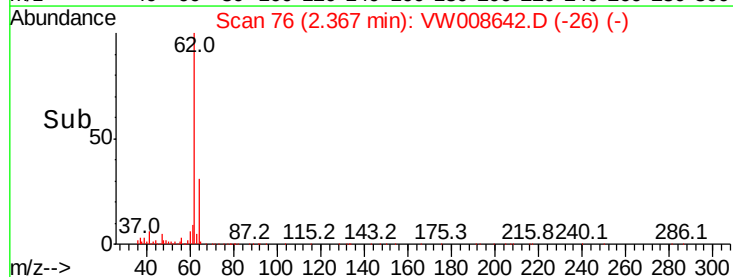
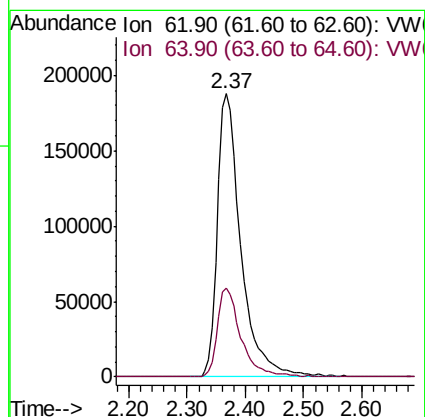
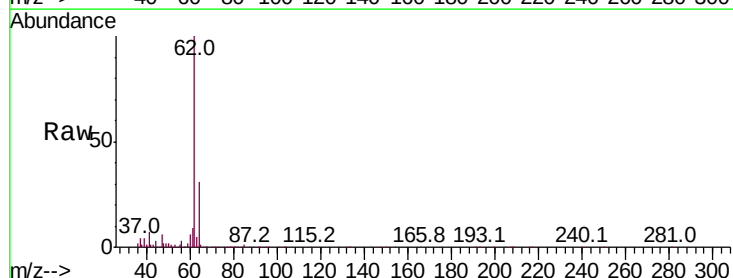
Acq: 13 Feb 2019 16:03

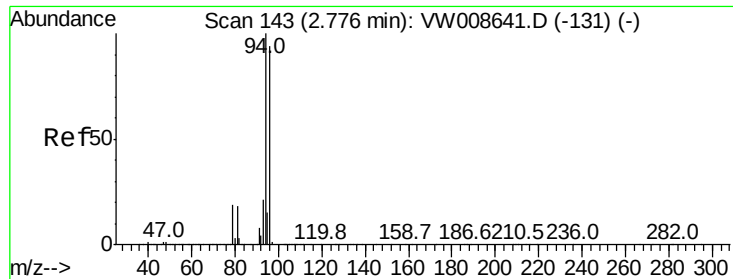
Tgt Ion: 62 Resp: 524307

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 105.455 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

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Tot Ion: 94 Resp: 417947

Ion Ratio Lower Upper

94 100

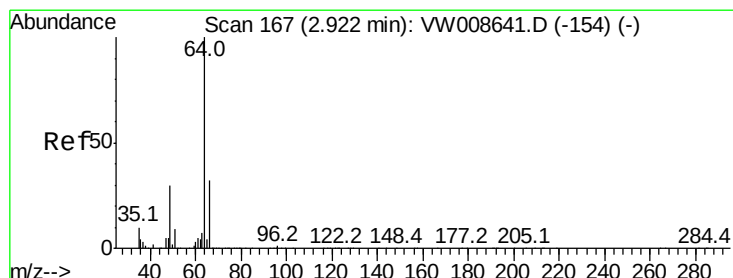
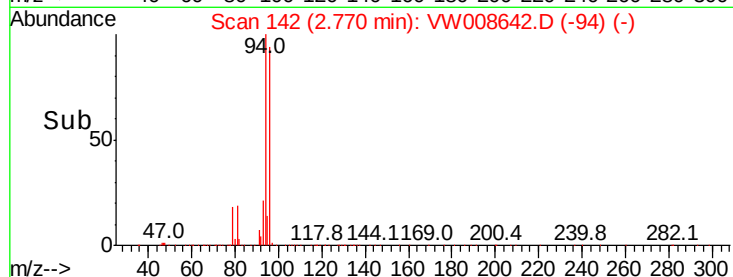
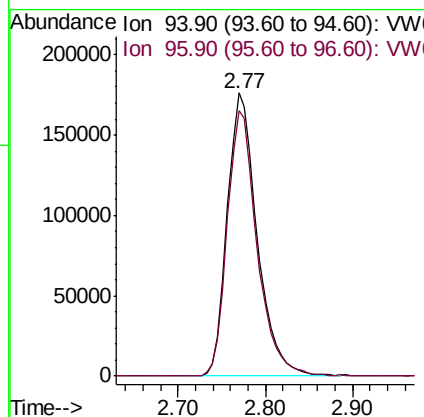
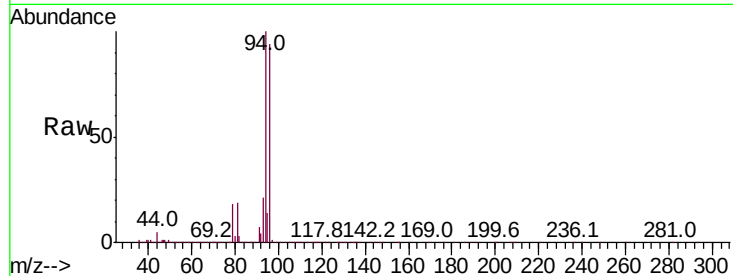
96 93.6 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 105.473 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW008642.D

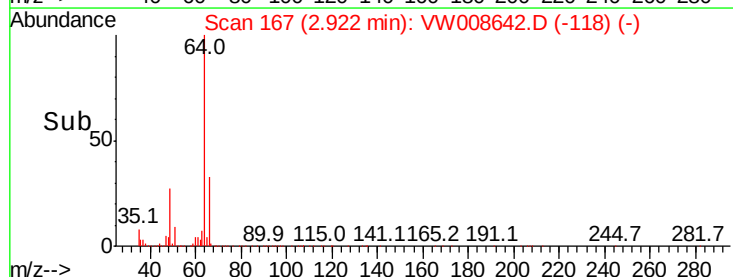
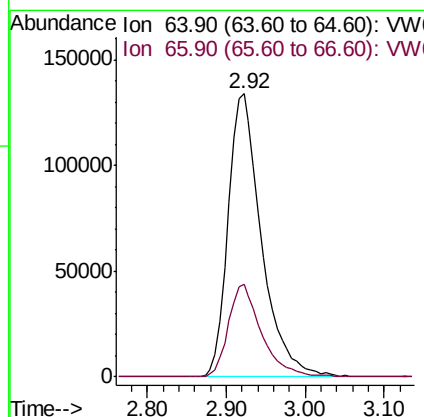
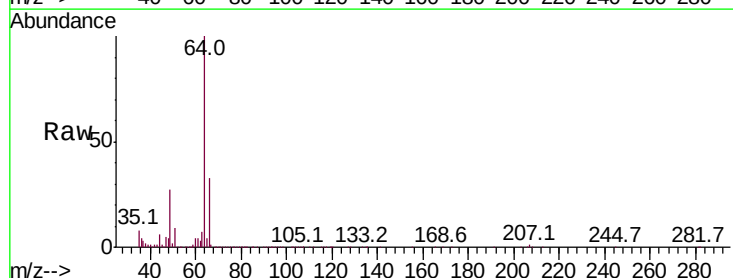
Acq: 13 Feb 2019 16:03

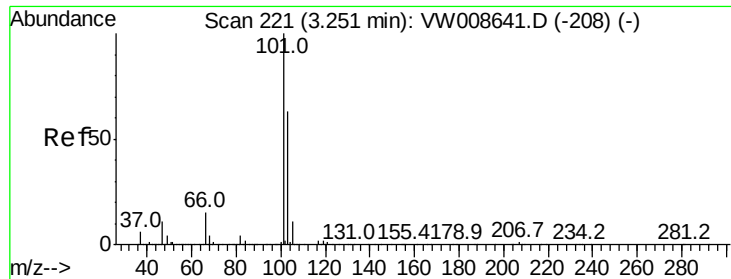
Tgt Ion: 64 Resp: 393084

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4





#7

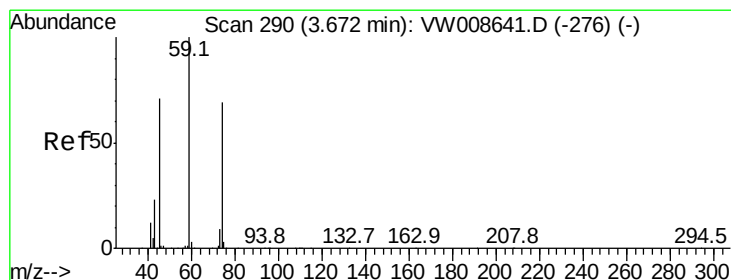
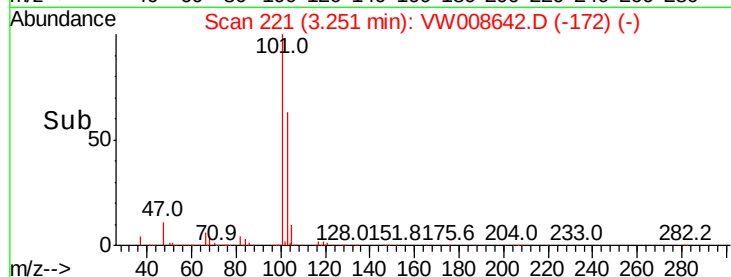
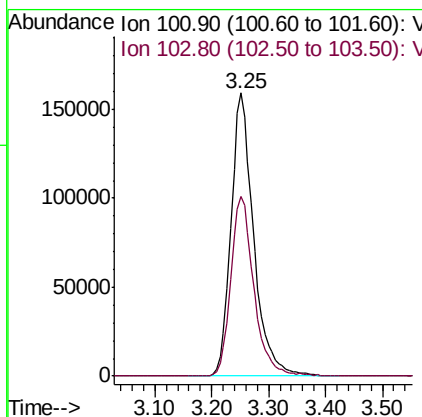
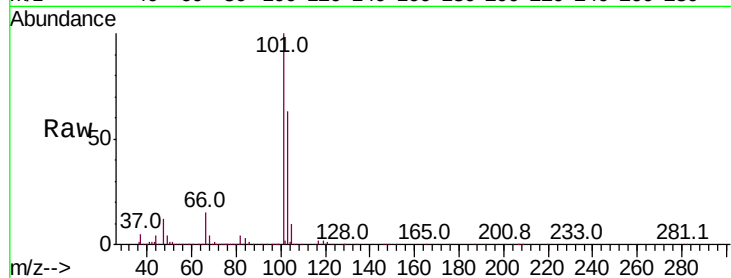
Trichlorofluoromethane
Concen: 113.409 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.5	75.7

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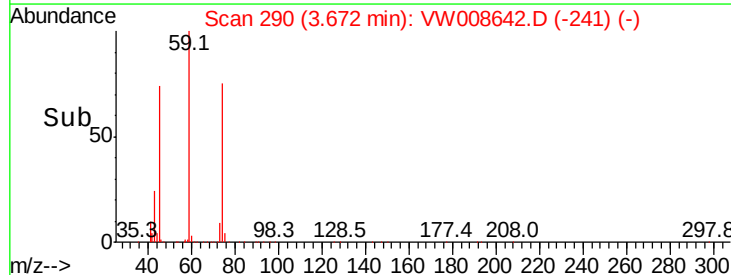
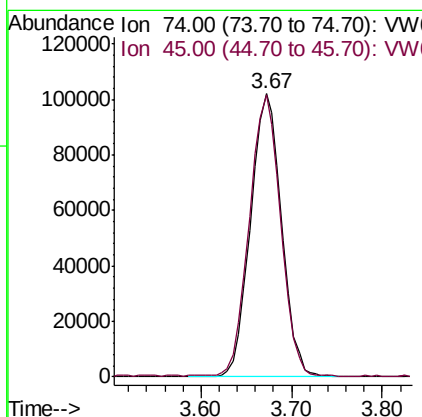
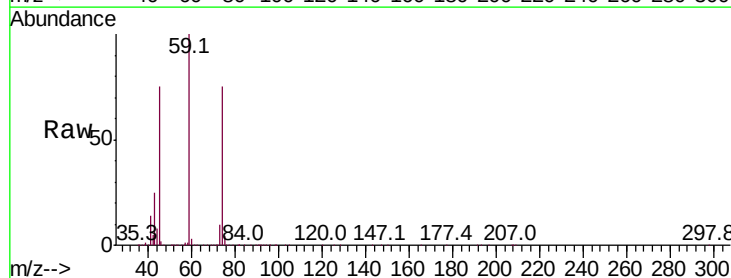
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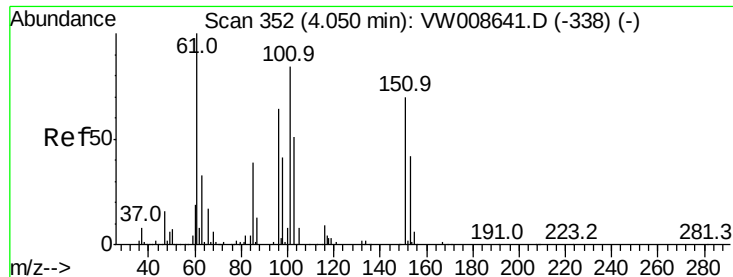


#8

Diethyl Ether
Concen: 103.803 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	50.2	150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.600 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

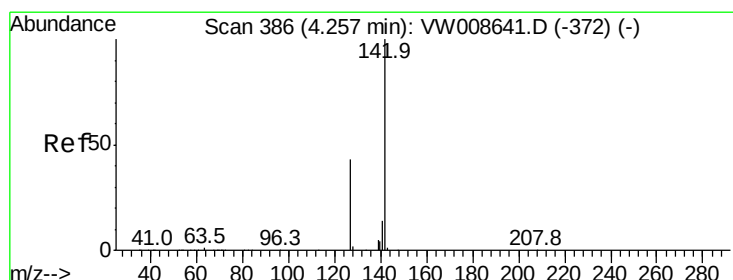
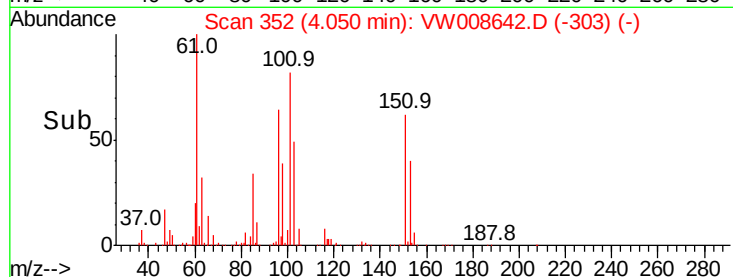
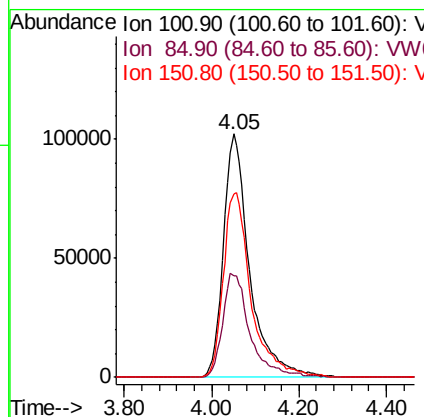
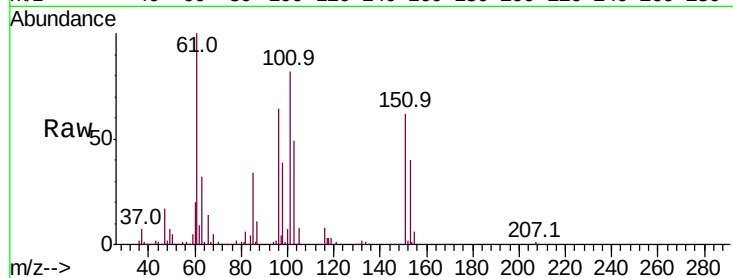
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	422969
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.3	51.5
151	80.4	65.6	98.4

Manual Integrations
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#10

Methyl Iodide

Concen: 102.562 ug/l

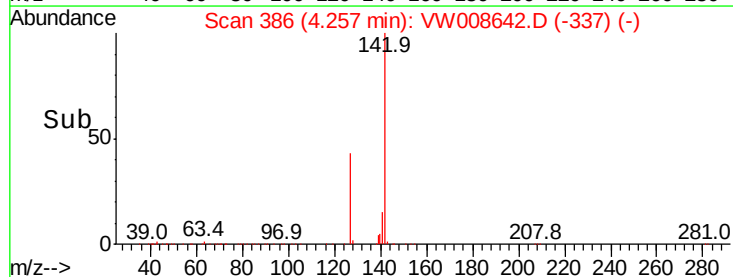
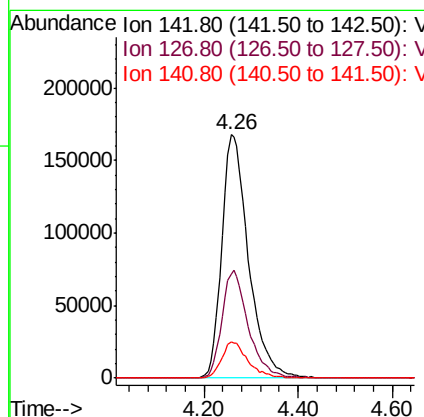
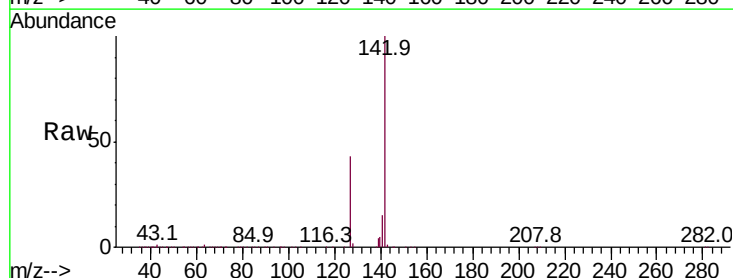
RT: 4.26 min Scan# 386

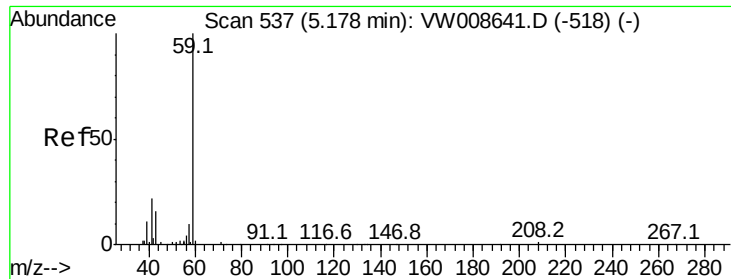
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	142	Resp:	659922
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.8	52.2
141	14.6	11.8	17.8





#11

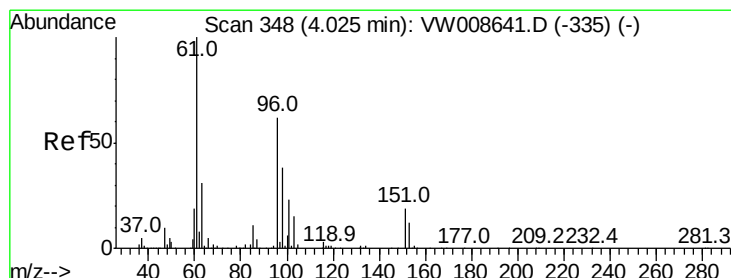
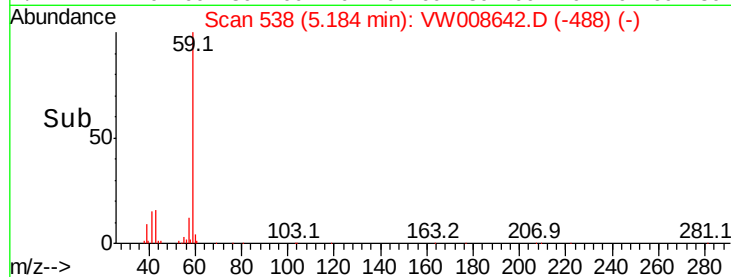
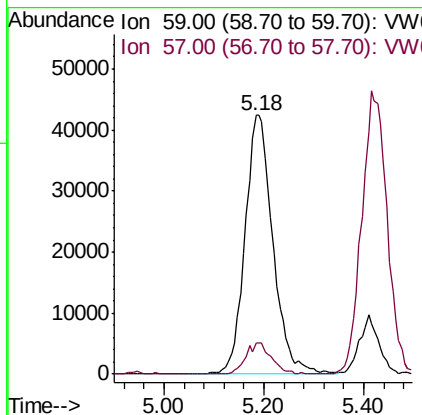
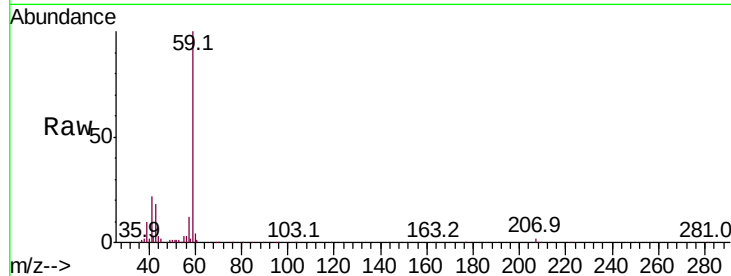
Tert butyl alcohol
Concen: 488.163 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

Tot Ion	59	57	Ratio	100	10.4	Resp	Lower	Upper
164521								
							8.3	12.5

Manual Integrations
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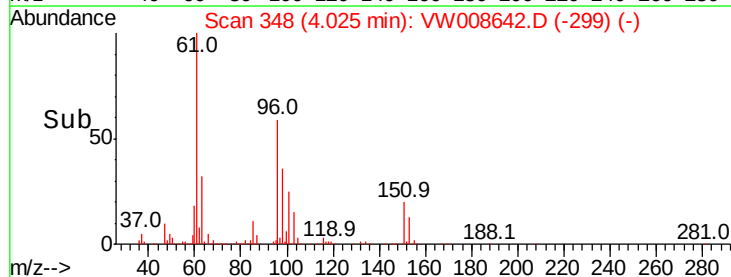
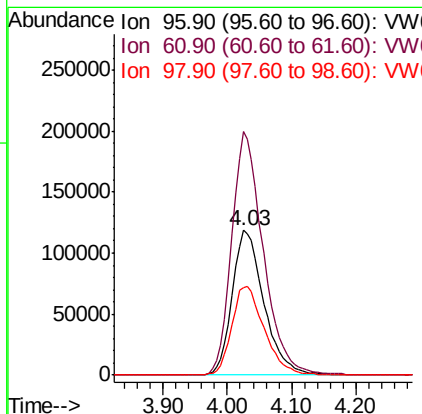
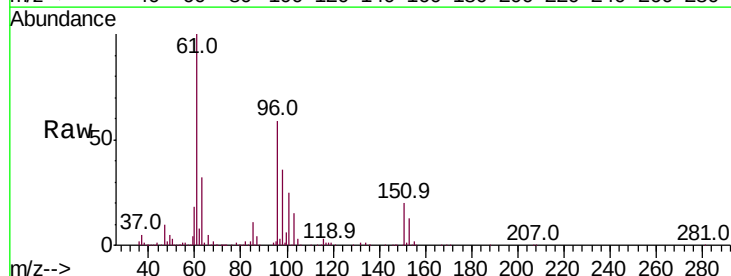
MMDadoda
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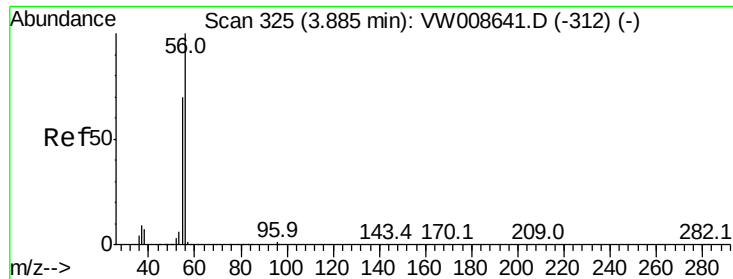


#12

1,1-Dichloroethene
Concen: 101.065 ug/l
RT: 4.03 min Scan# 348
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	96	61	98	Ratio	100	168.2	60.1	Resp	Lower	Upper
407454										





#13

Acrolein

Concen: 513.286 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 181658

Ion Ratio Lower Upper

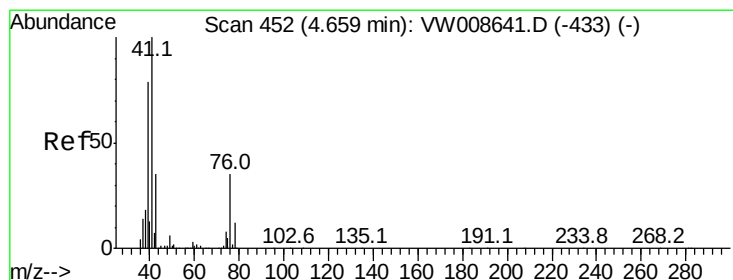
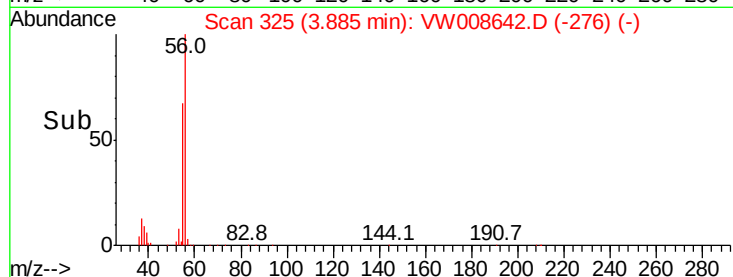
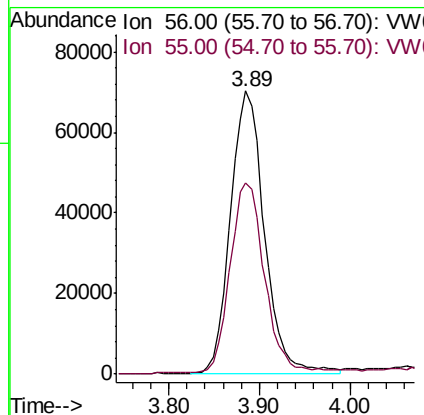
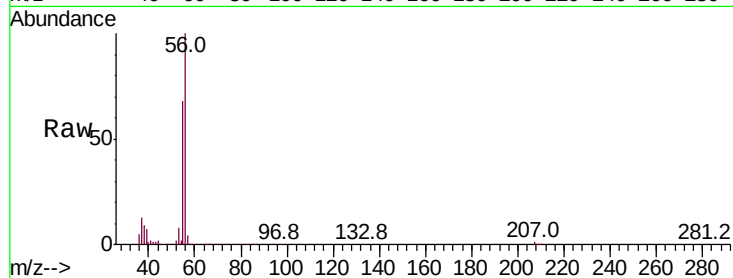
56 100

55 68.8 57.4 86.2

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 106.269 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

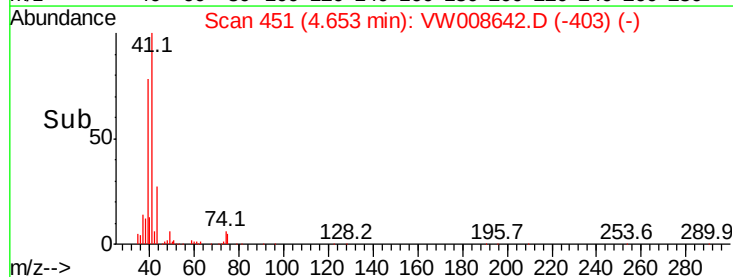
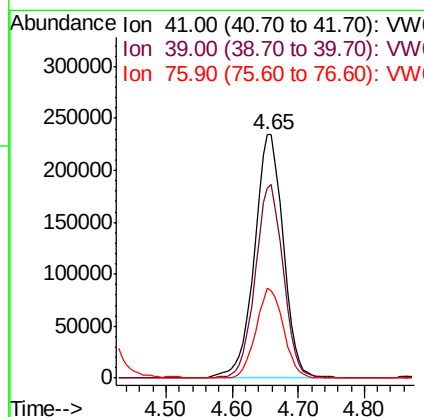
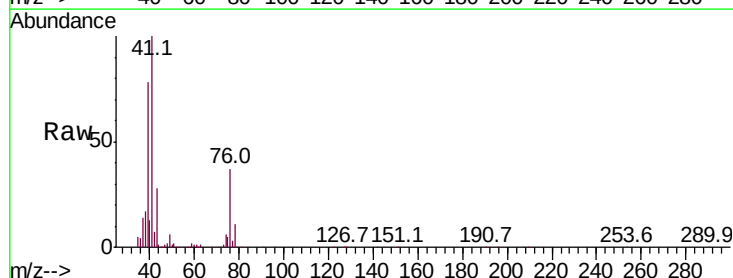
Tgt Ion: 41 Resp: 711814

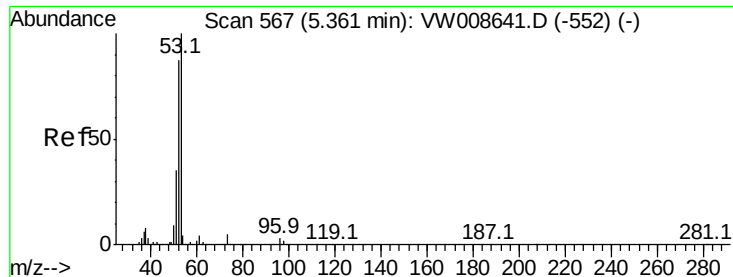
Ion Ratio Lower Upper

41 100

39 77.0 61.7 92.5

76 34.9 27.7 41.5





#15

Acrylonitrile

Concen: 522.803 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

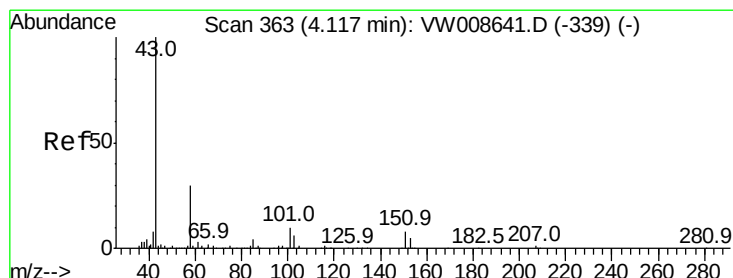
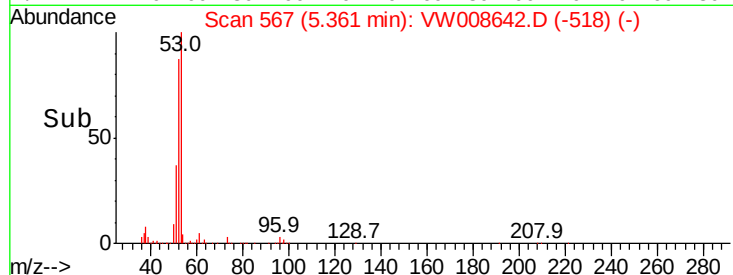
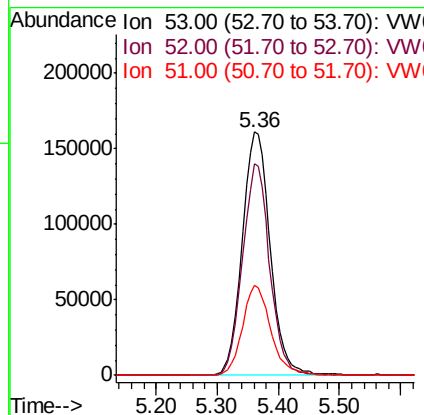
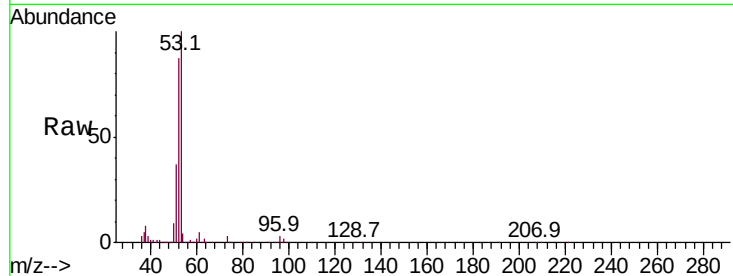
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	512263
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.8	100.2
51	37.4	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 515.165 ug/l

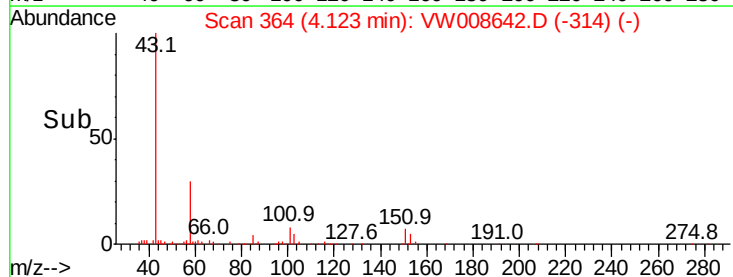
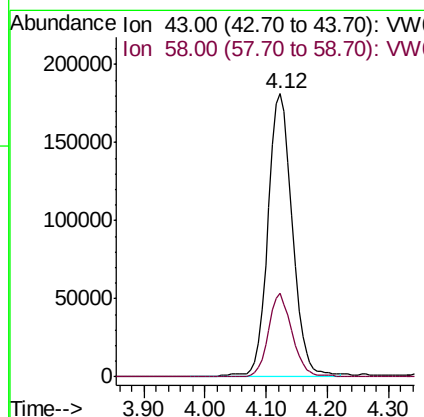
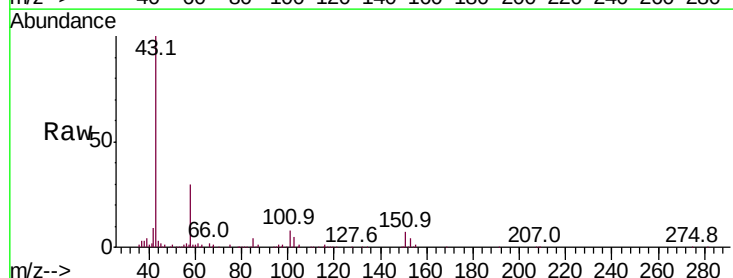
RT: 4.12 min Scan# 364

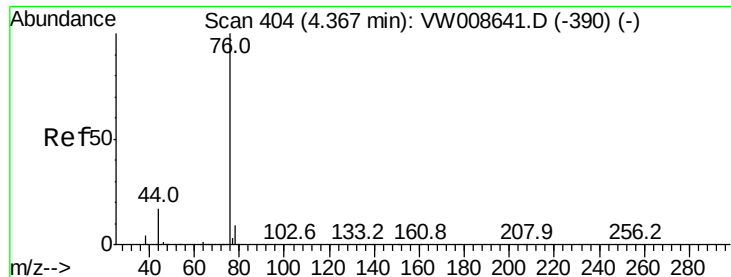
Delta R.T. 0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	43	Resp:	501568
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.1	36.1





#17

Carbon Disulfide

Concen: 103.025 ug/l

RT: 4.37 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tot Ion: 76 Resp: 1253467

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

Instrument :

MSVOA_W

ClientSampleId :

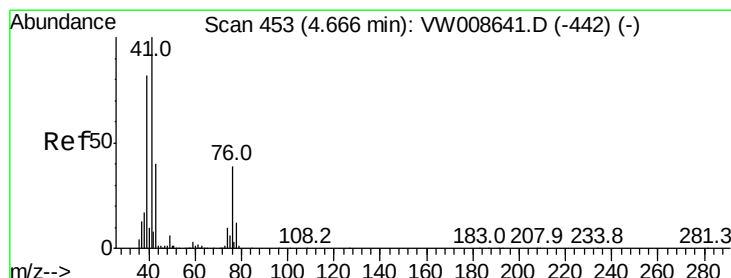
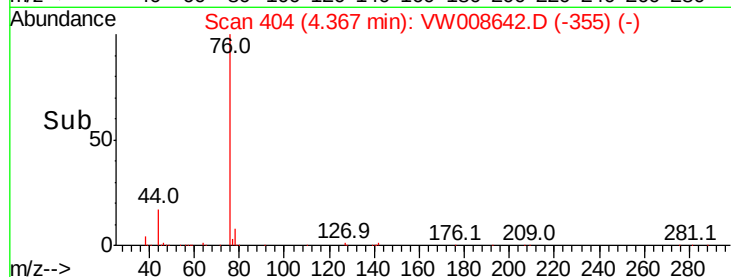
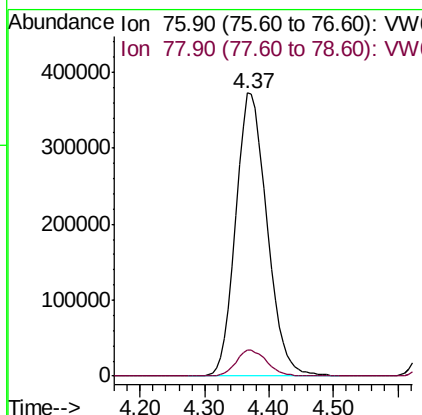
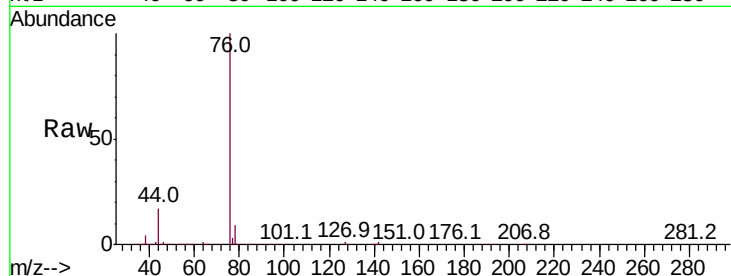
VSTDIC100

Manual Integrations

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#18

Methyl Acetate

Concen: 102.734 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008642.D

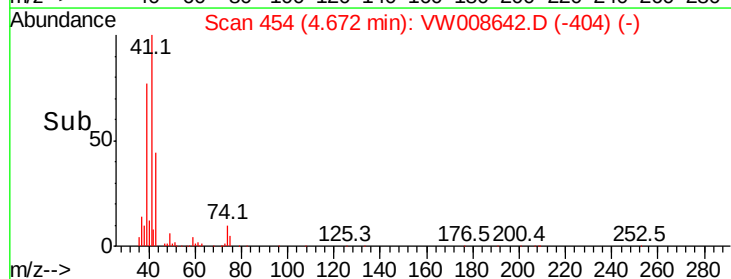
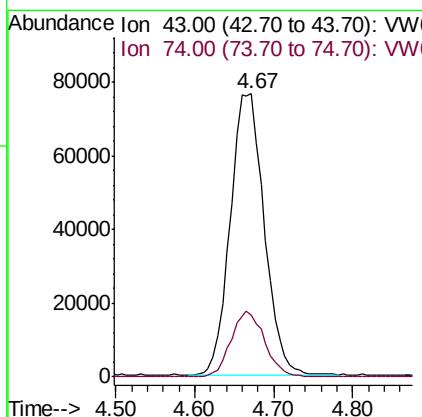
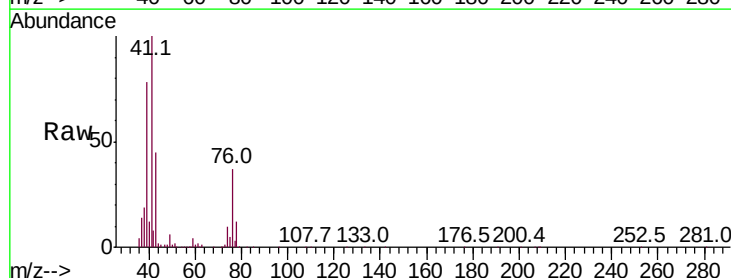
Acq: 13 Feb 2019 16:03

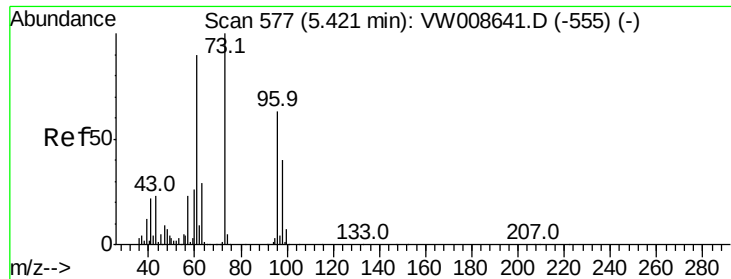
Tgt Ion: 43 Resp: 229352

Ion Ratio Lower Upper

43 100

74 23.1 19.0 28.4





#19

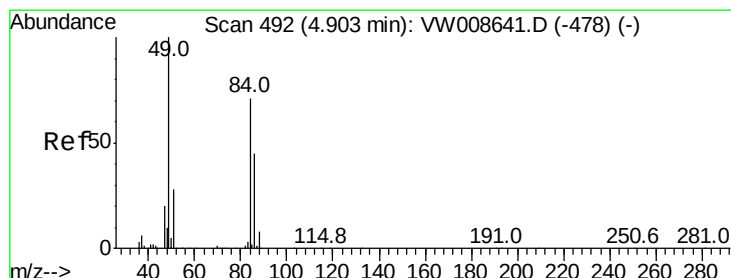
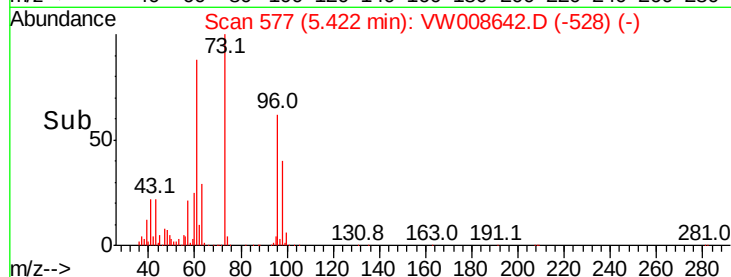
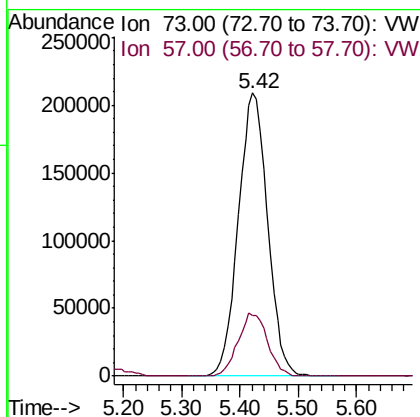
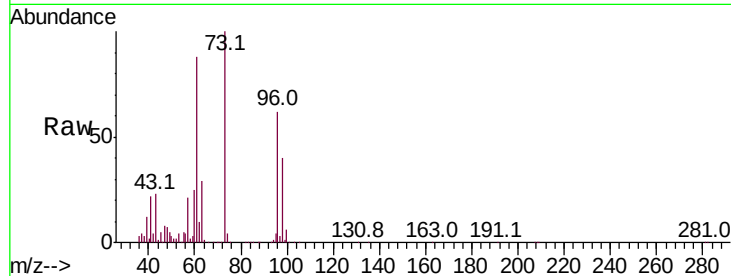
Methyl tert-butyl Ether
 Concen: 102.846 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.2	27.2

Manual Integrations
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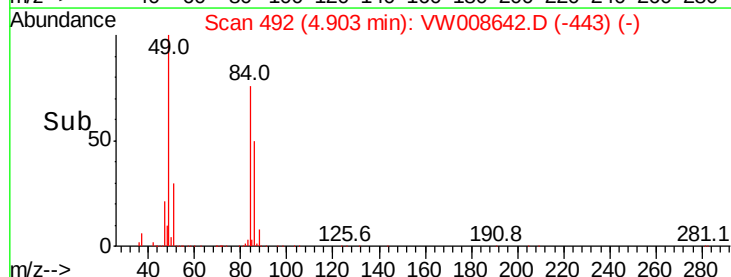
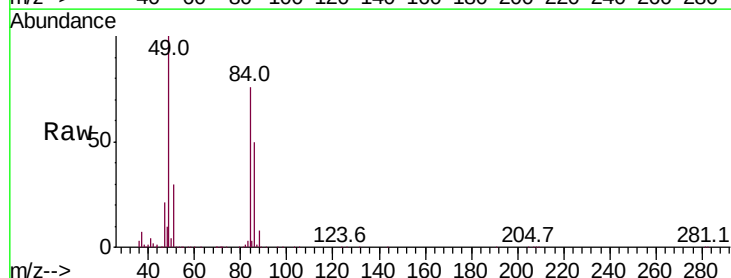
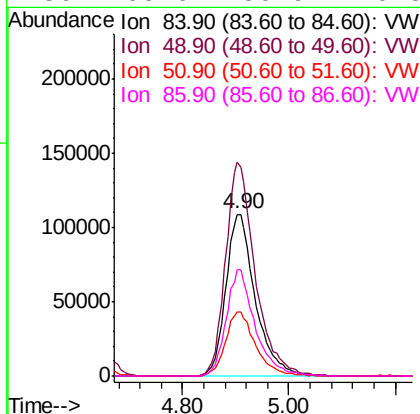
MMDadoda
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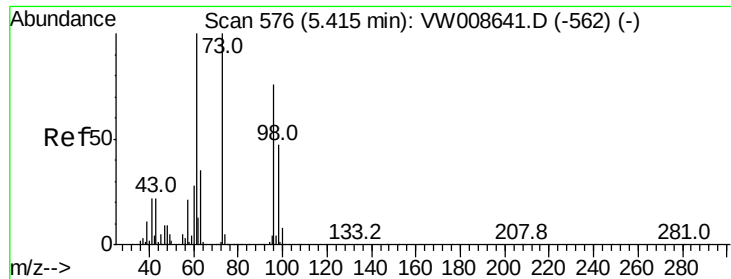


#20

Methylene Chloride
 Concen: 75.320 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.1	113.3	169.9
51	39.8	32.1	48.1
86	65.6	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 101.622 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 96 Resp: 448675

Ion Ratio Lower Upper

96 100

61 138.3 105.9 158.9

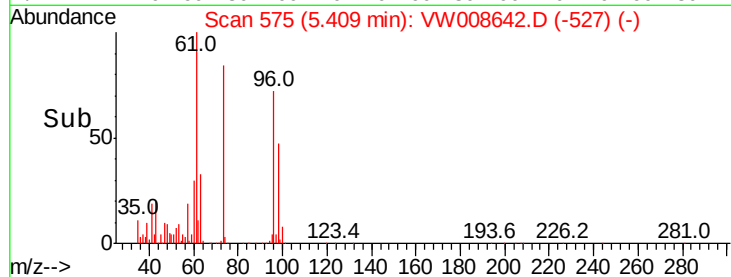
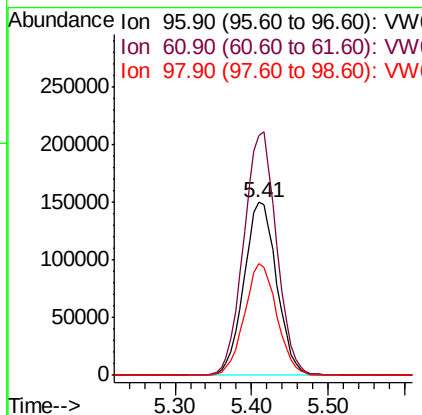
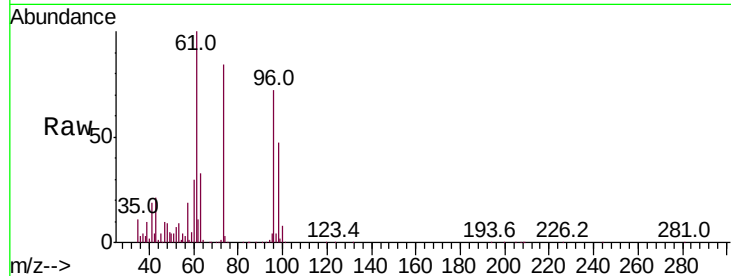
98 64.9 49.8 74.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 104.611 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion: 45 Resp: 1410286

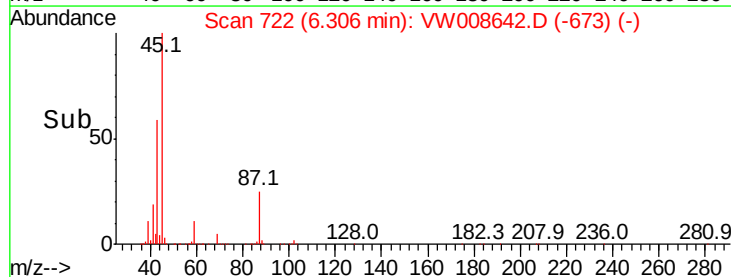
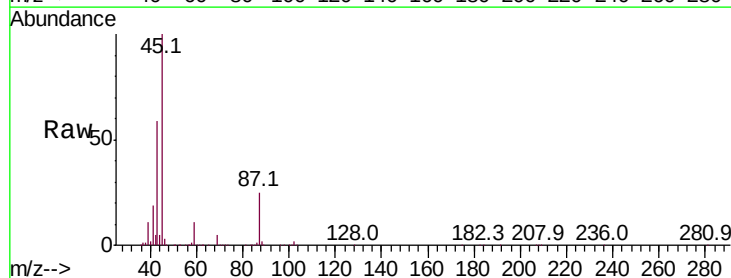
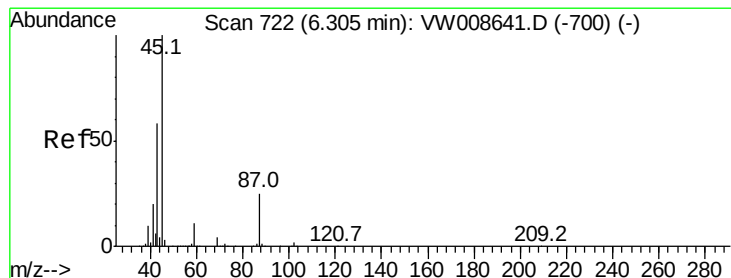
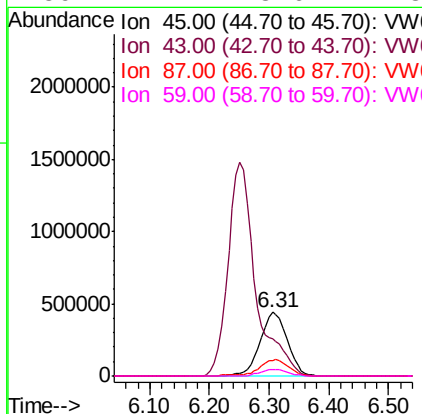
Ion Ratio Lower Upper

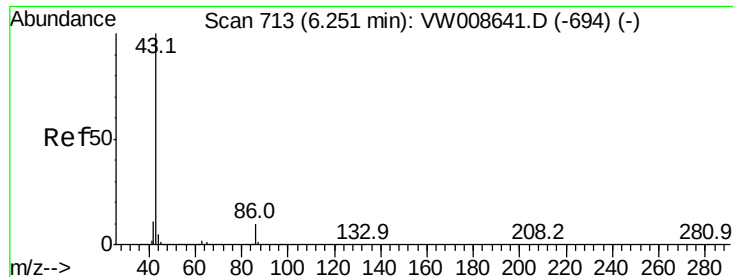
45 100

43 58.8 46.1 69.1

87 24.9 20.5 30.7

59 11.1 8.6 12.8





#23

Vinyl Acetate

Concen: 545.074 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tot Ion: 43 Resp: 4769212

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9

Instrument :

MSVOA_W

ClientSampleId :

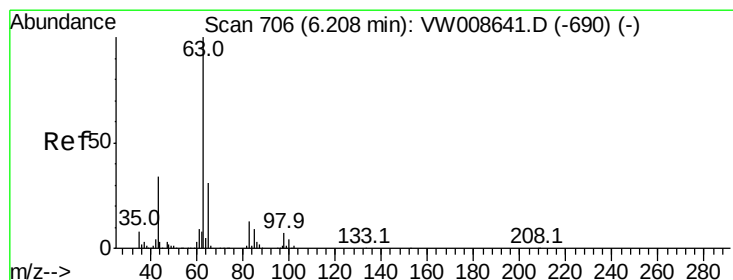
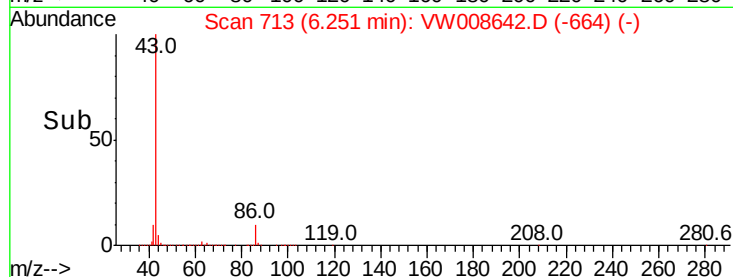
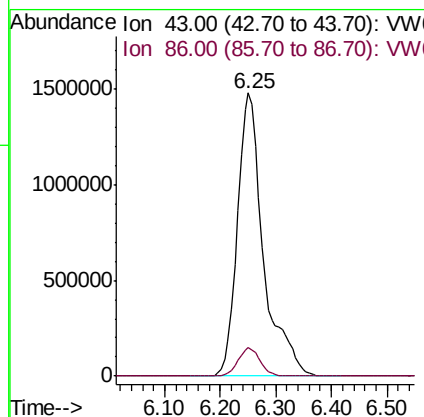
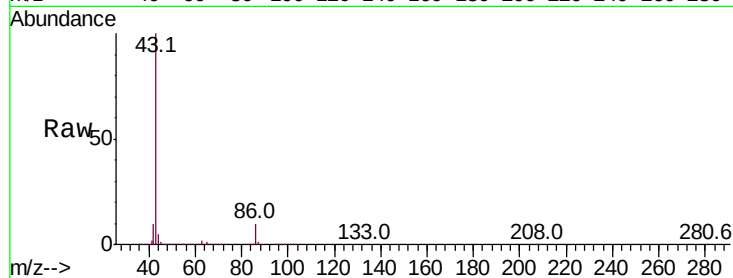
VSTDICC100

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 103.376 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

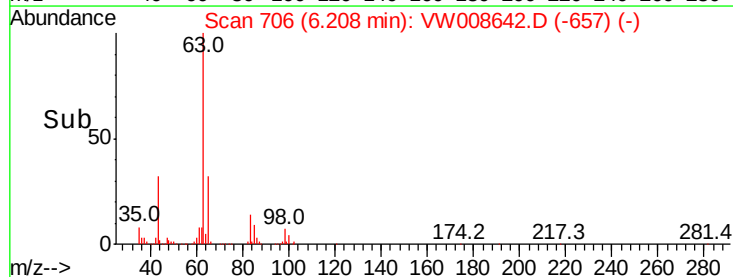
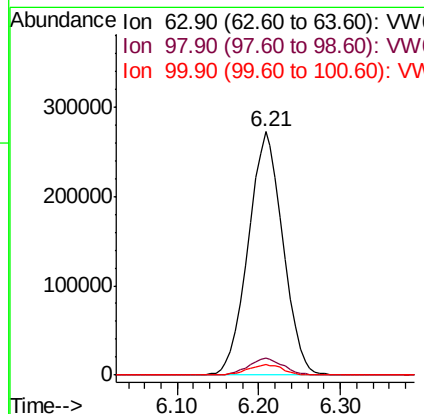
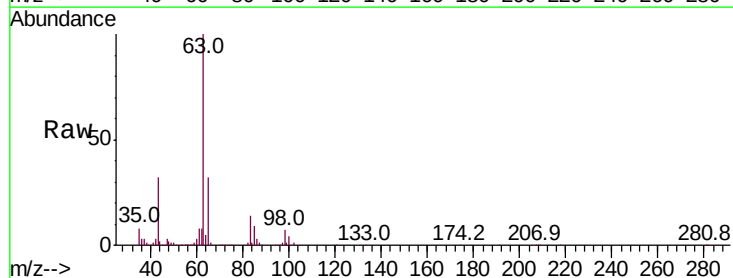
Tgt Ion: 63 Resp: 804192

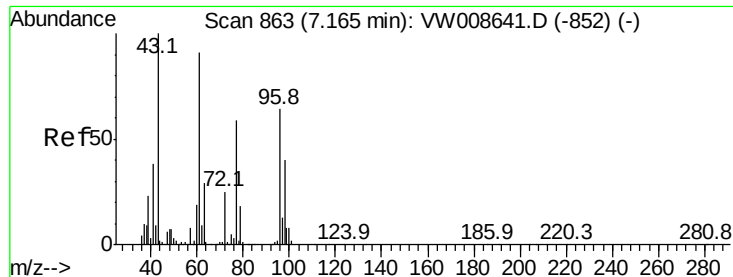
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 531.888 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 733759

Ion Ratio Lower Upper

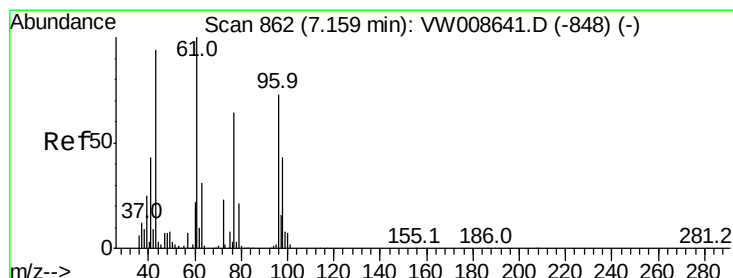
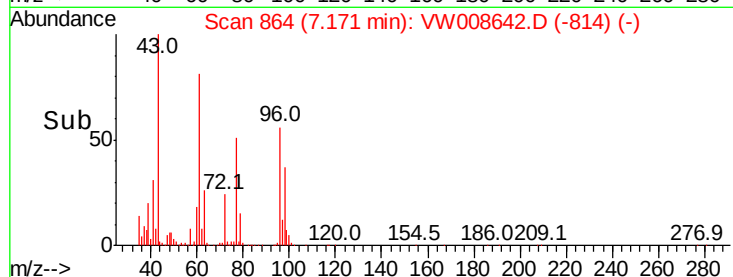
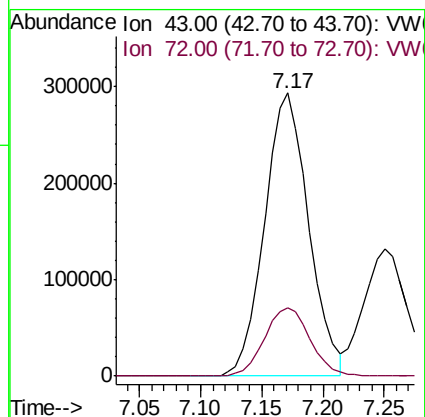
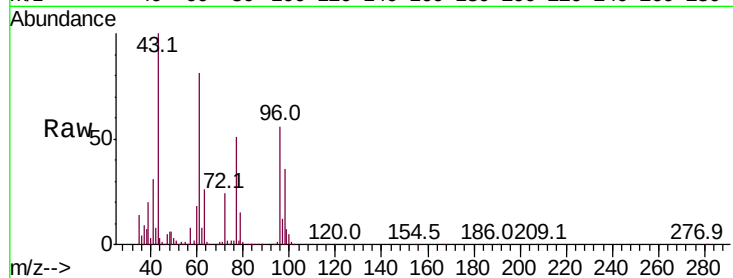
43 100

72 24.1 19.7 29.5

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 101.207 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW008642.D

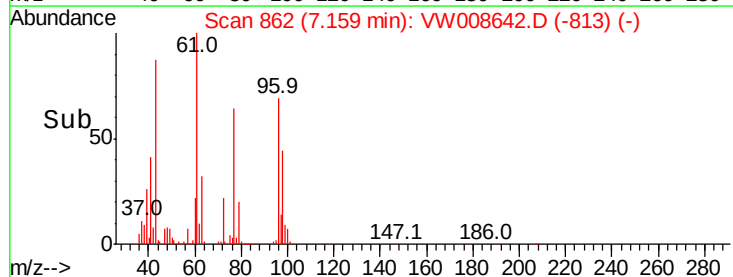
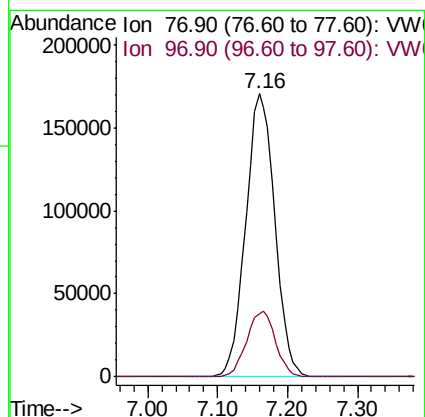
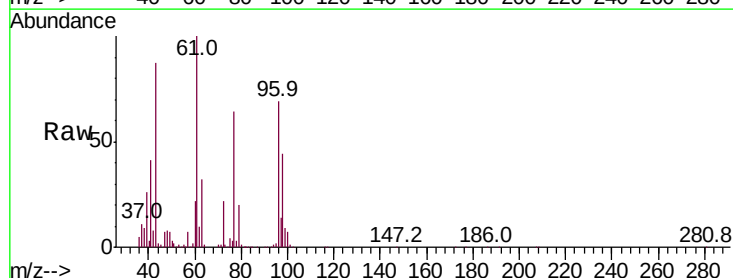
Acq: 13 Feb 2019 16:03

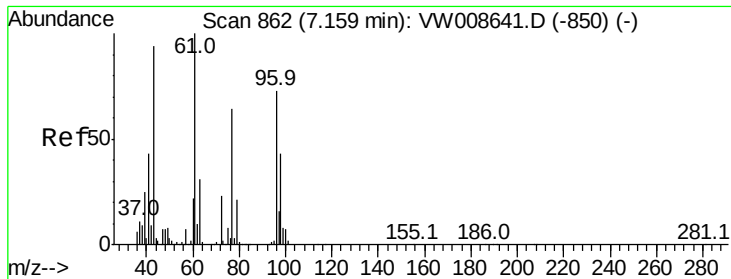
Tgt Ion: 77 Resp: 491846

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

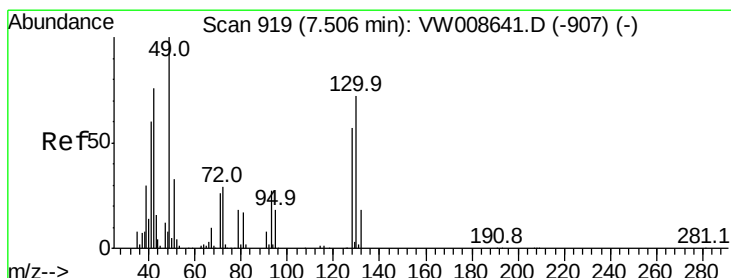
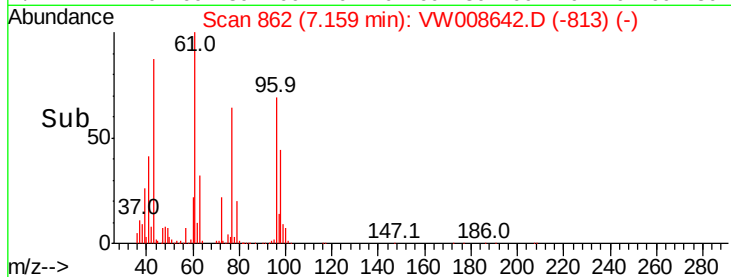
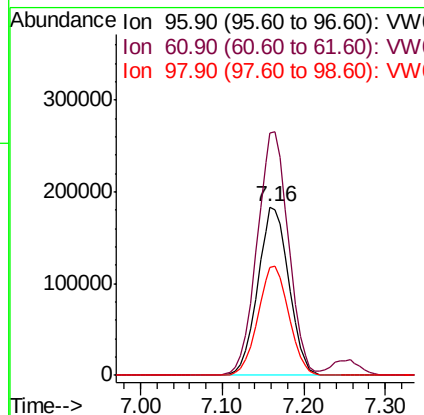
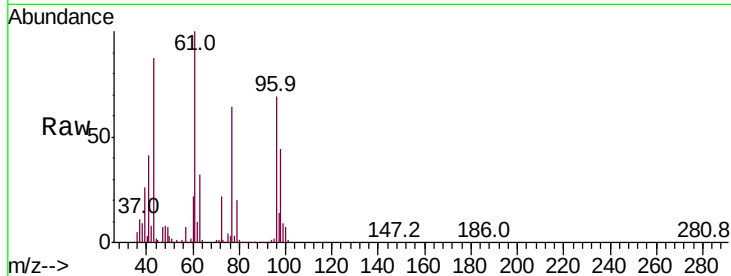
cis-1,2-Dichloroethene
Concen: 101.843 ug/l
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	486225		
61	146.2	0.0	286.4	
98	64.7	0.0	125.0	

Manual Integrations
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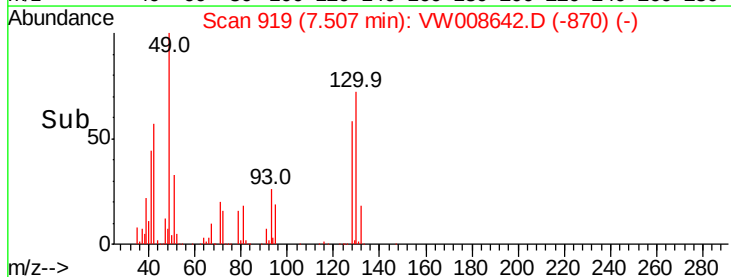
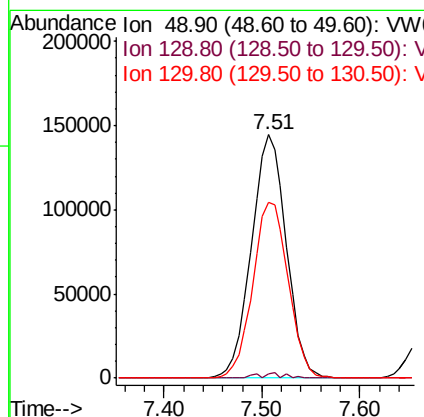
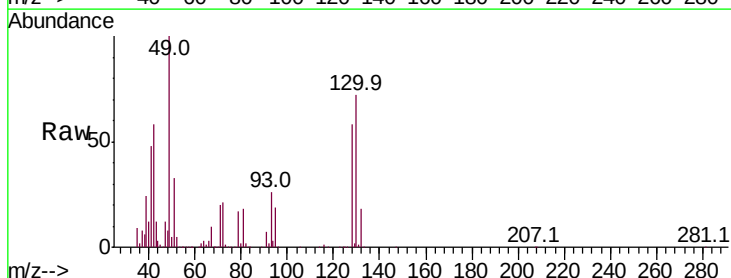
MMDadoda
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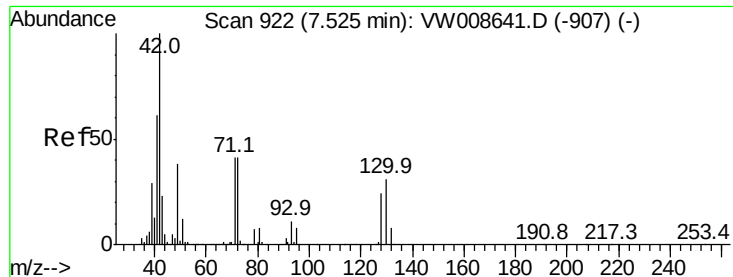


#28

Bromochloromethane
Concen: 108.883 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	357567		
129	1.0	0.0	3.2	
130	73.5	59.4	89.0	





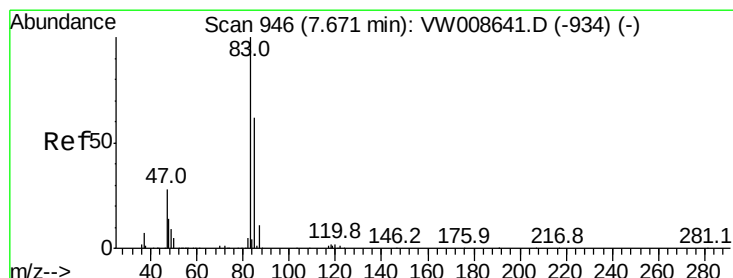
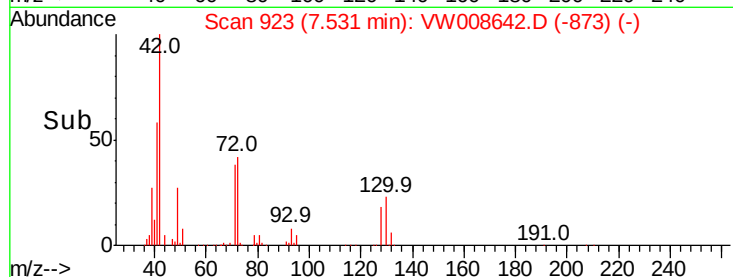
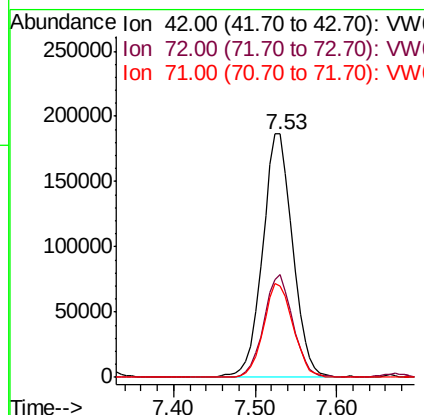
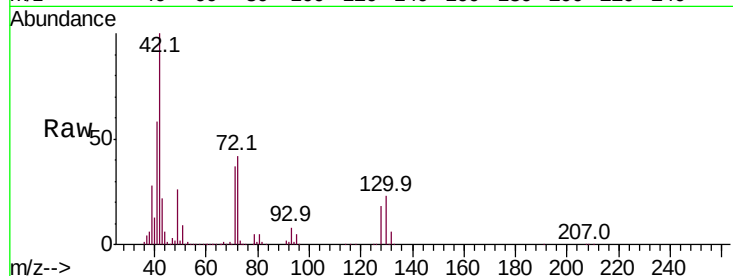
#29
Tetrahydrofuran
Concen: 526.338 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.2	48.2
71	37.9	31.0	46.6

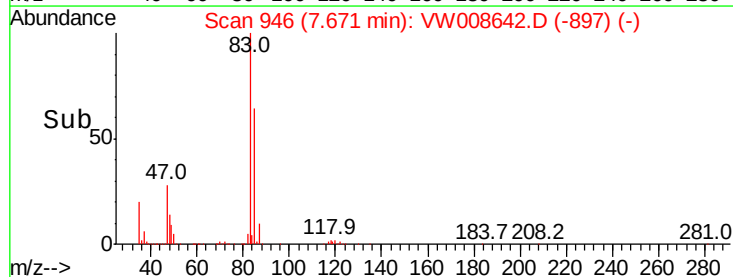
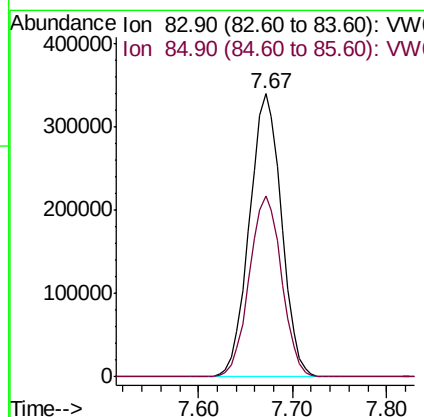
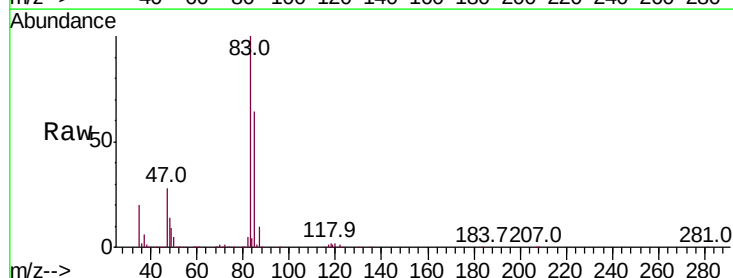
Manual Integrations
APPROVED

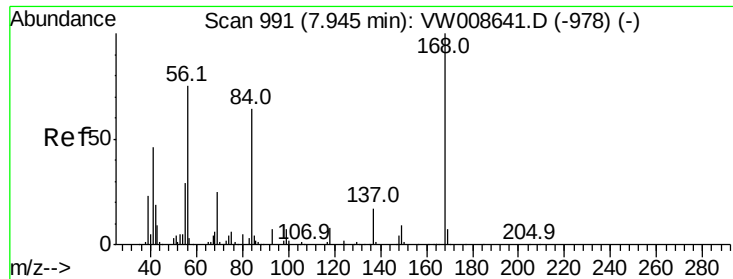
MMDadoda
2/14/2019 2:09:04 PM



#30
Chloroform
Concen: 103.529 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.8	74.8





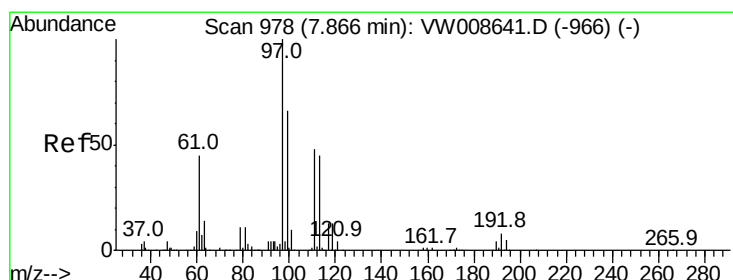
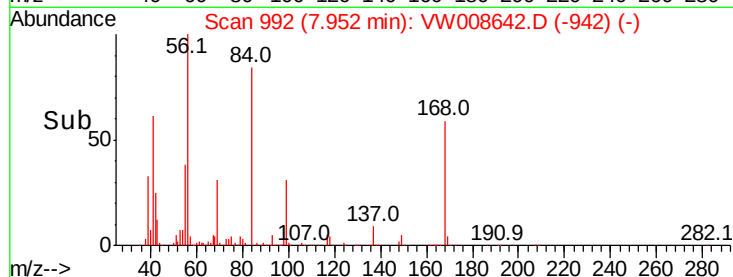
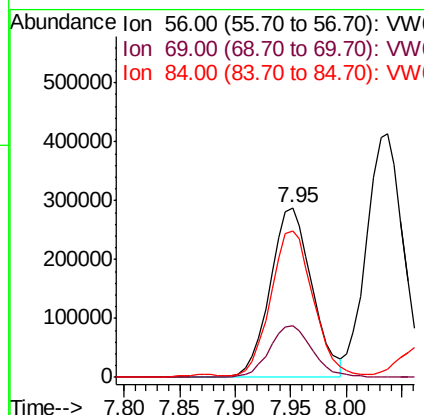
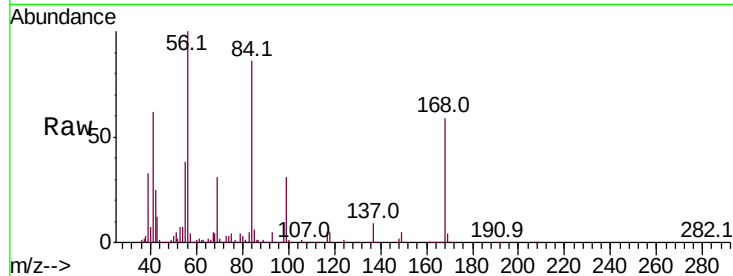
#31
Cyclohexane
Concen: 95.977 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	26.4	39.6
84	84.8	67.4	101.2

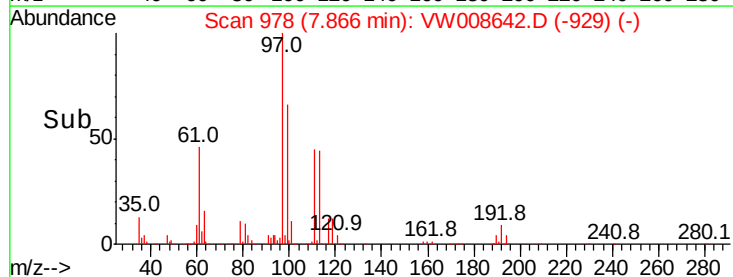
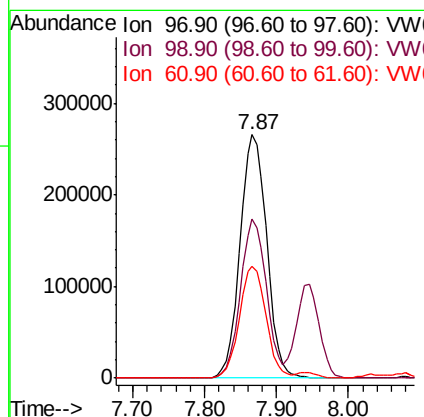
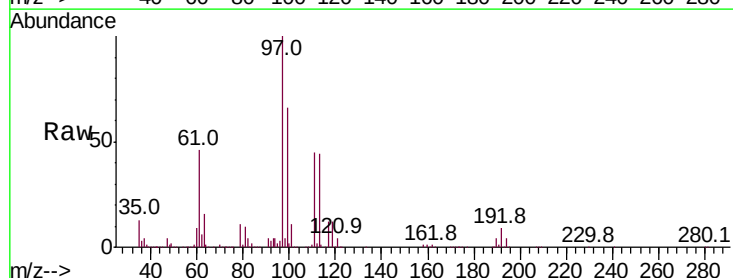
Manual Integrations
APPROVED

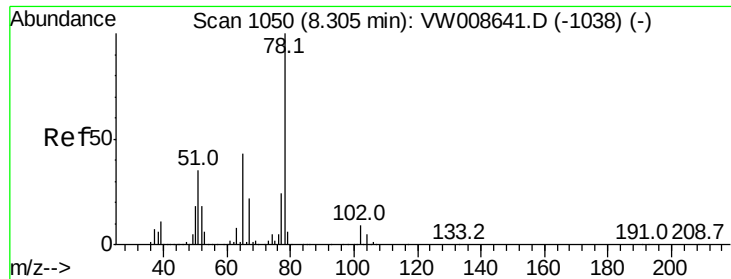
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 103.722 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	45.6	35.8	53.6





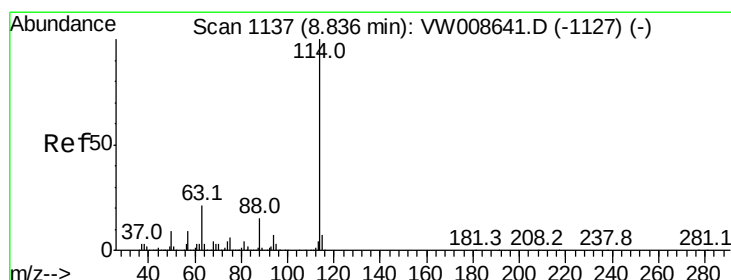
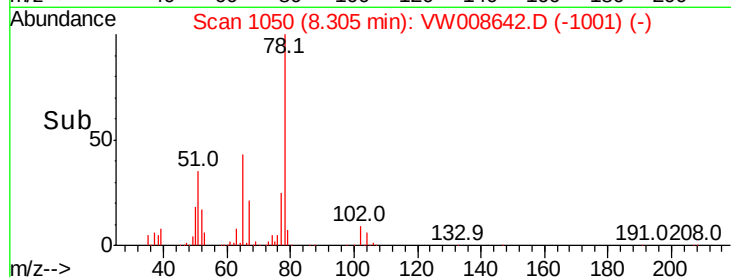
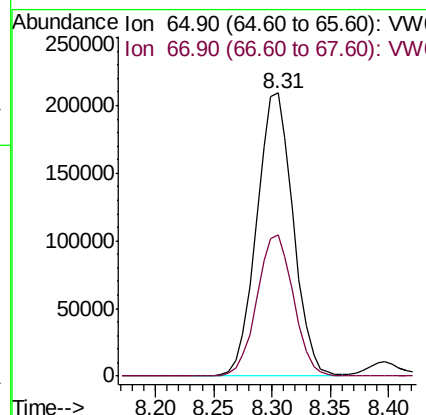
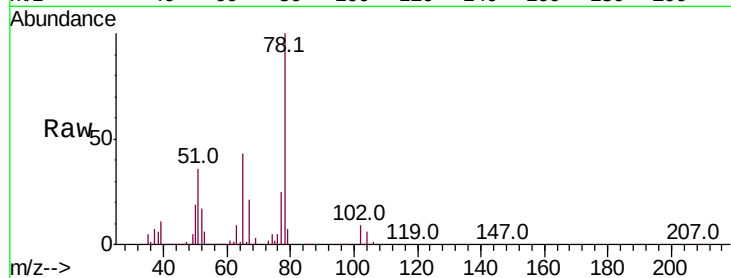
#33
 1,2-Dichloroethane-d4
 Concen: 106.394 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.0

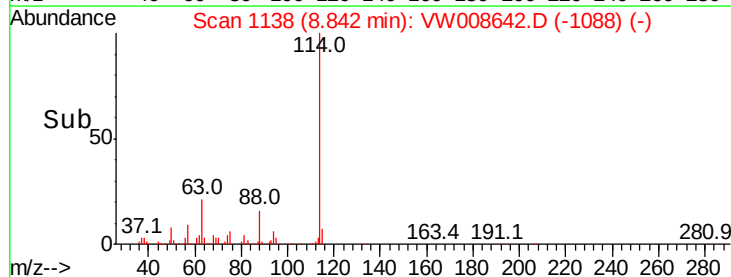
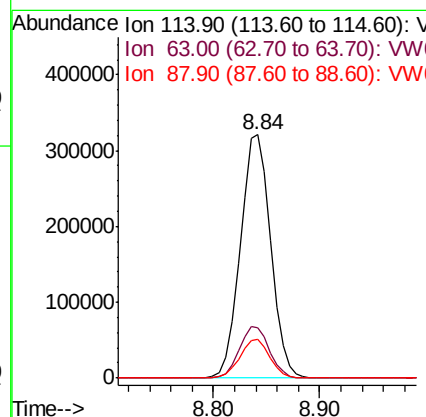
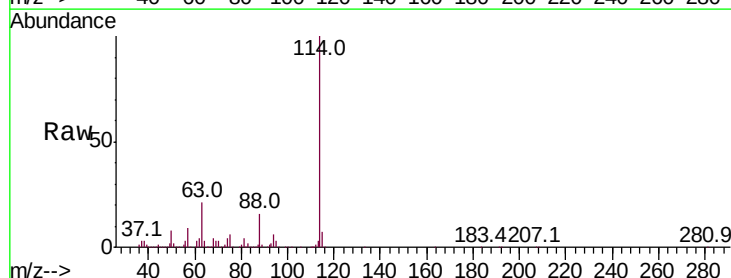
Manual Integrations
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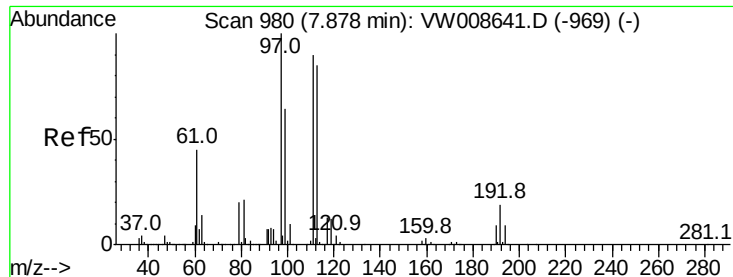
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 2/14/2019 2:09:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.2
88	16.1	0.0	29.6





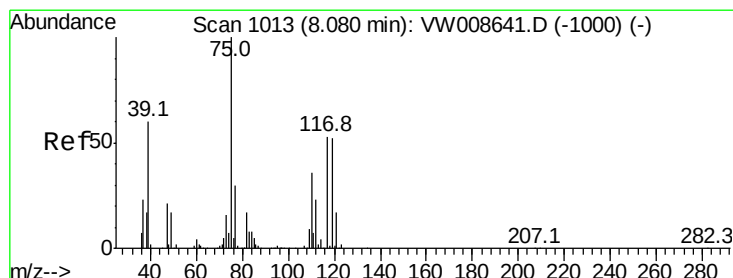
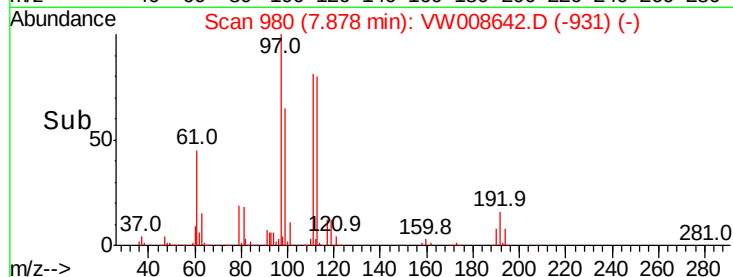
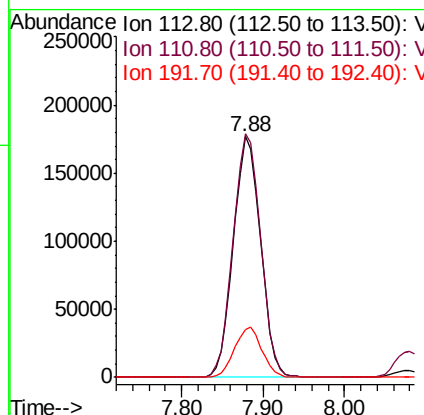
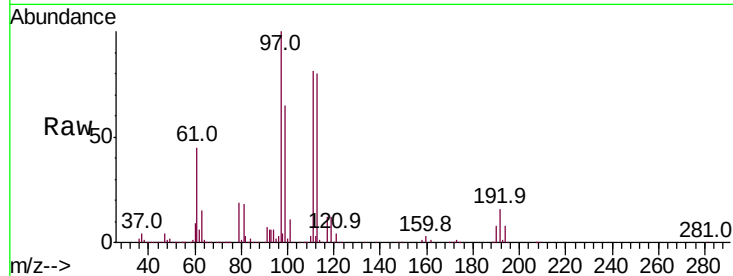
#35
Dibromofluoromethane
Concen: 102.016 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	406447		
111	102.7		84.0	126.0
192	21.0		17.4	26.2

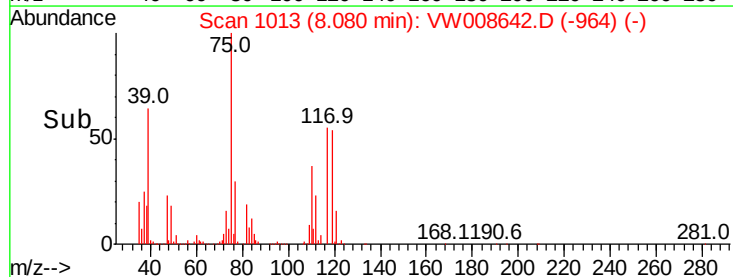
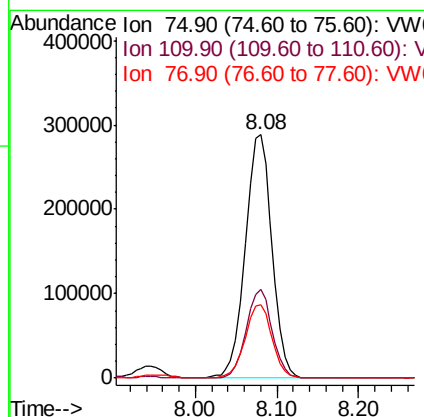
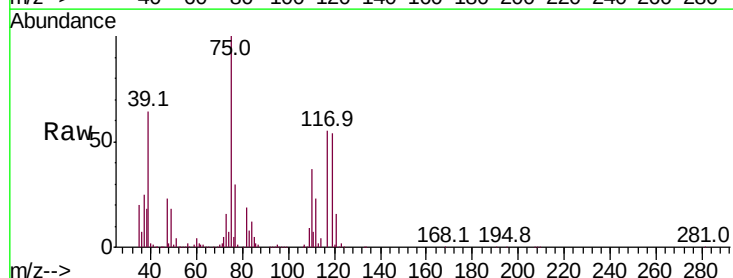
Manual Integrations
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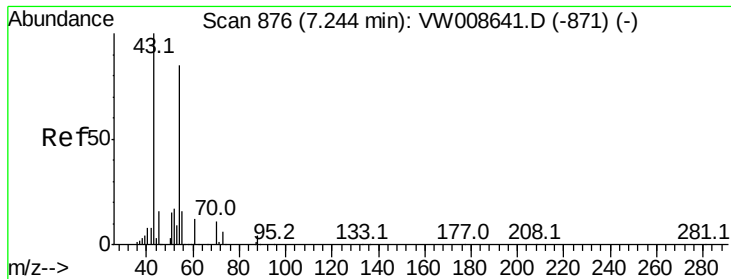
MMDadoda
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#36
1,1-Dichloropropene
Concen: 101.406 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	653701		
110	35.5		17.8	53.3
77	30.8		24.7	37.1





#37

Ethyl Acetate

Concen: 106.584 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: VW008642.D

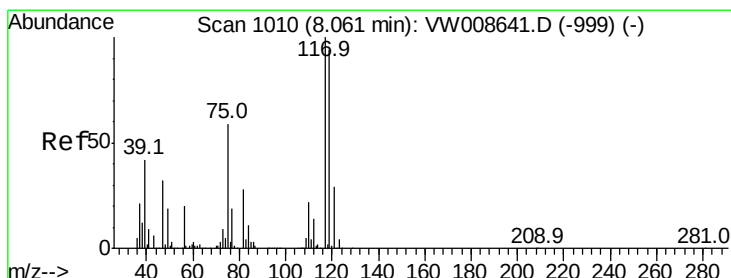
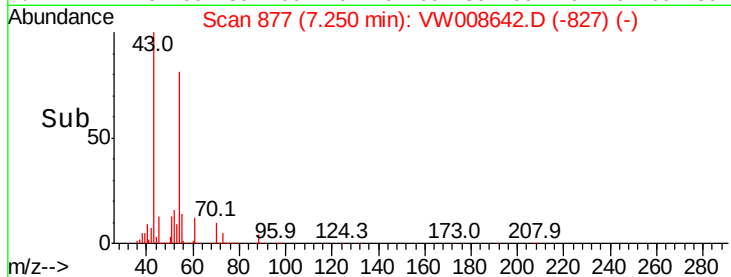
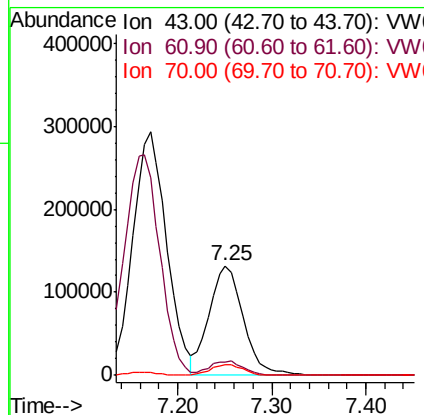
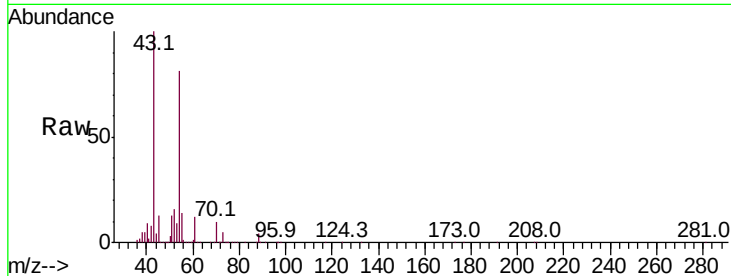
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.8	8.1	12.1

Manual Integrations
APPROVED

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#38

Carbon Tetrachloride

Concen: 103.943 ug/l

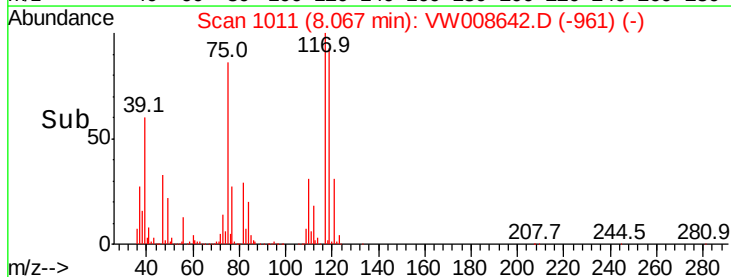
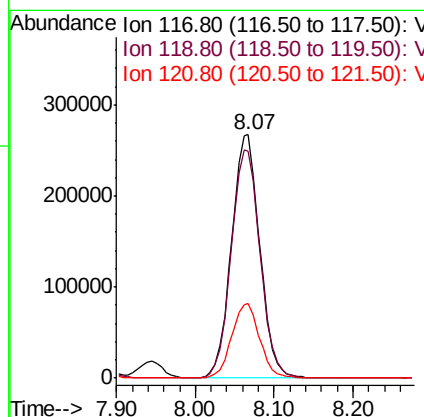
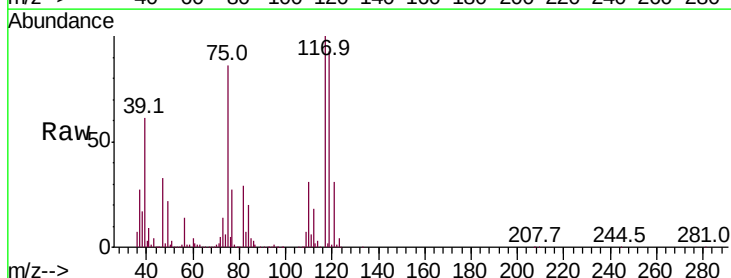
RT: 8.07 min Scan# 1011

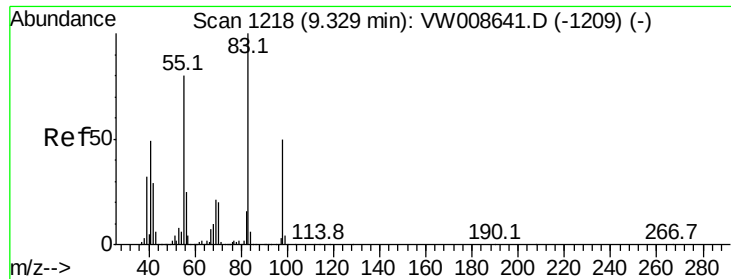
Delta R.T. 0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.1	112.7
121	30.8	23.5	35.3





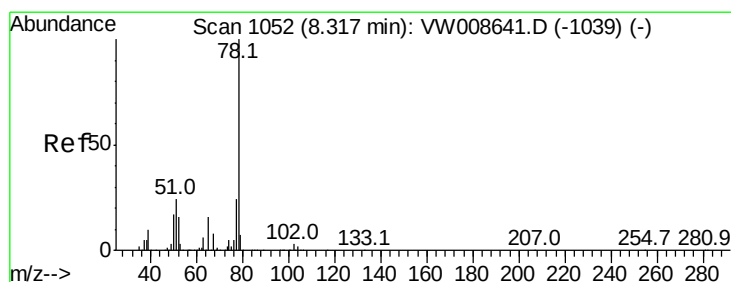
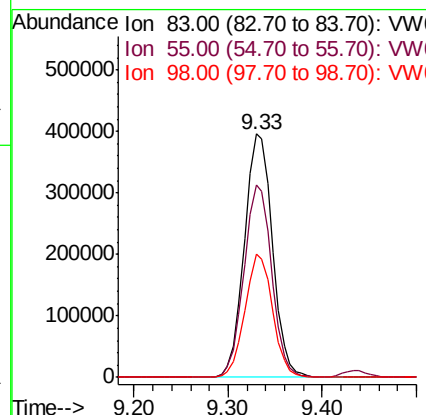
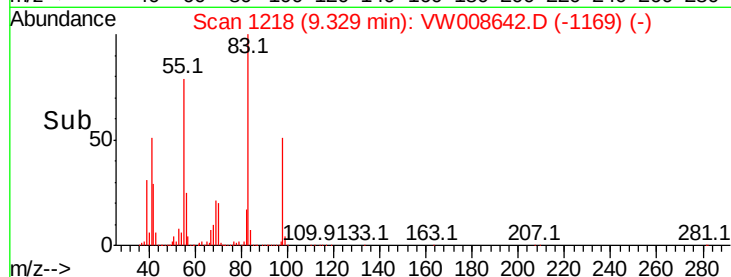
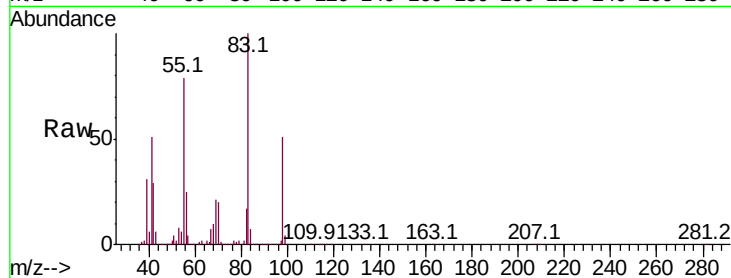
#39
Methylvlcyclohexane
Concen: 101.365 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	83	Resp	826487
Ion Ratio	100	Lower	Upper
83	100		
55	79.2	63.9	95.9
98	50.6	40.2	60.2

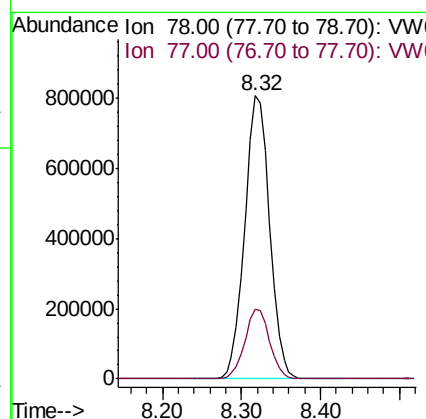
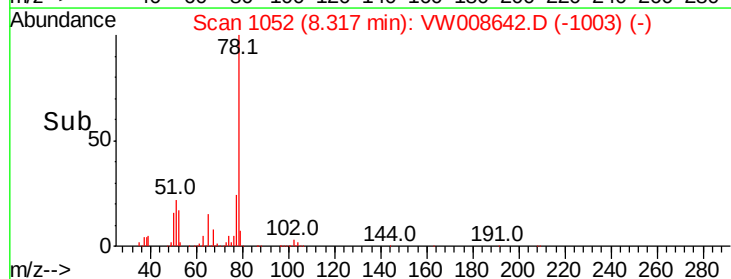
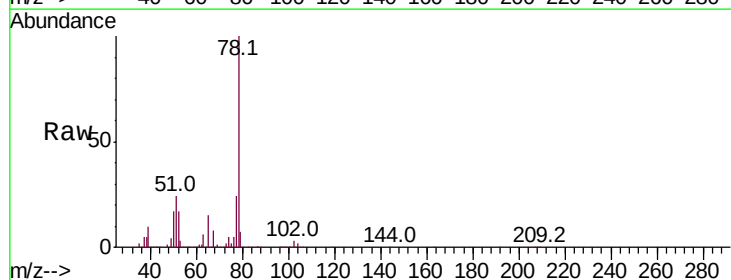
Manual Integrations
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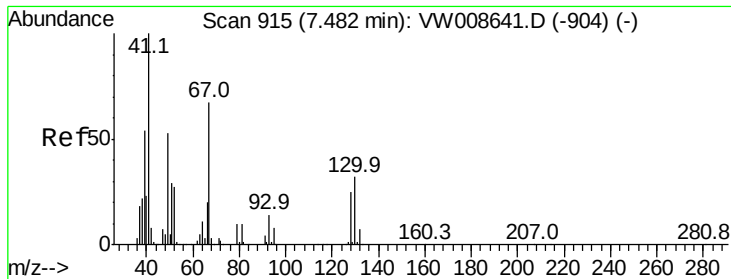
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#40
Benzene
Concen: 100.828 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	78	Resp	1775137
Ion Ratio	100	Lower	Upper
78	100		
77	24.4	19.5	29.3





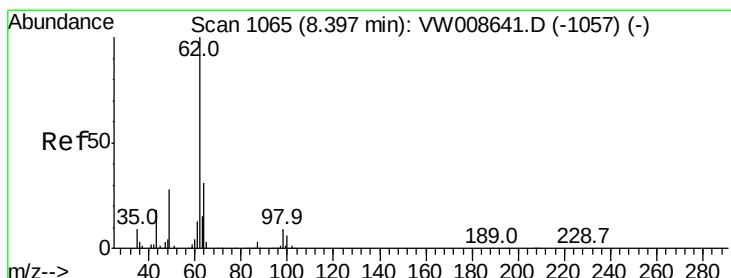
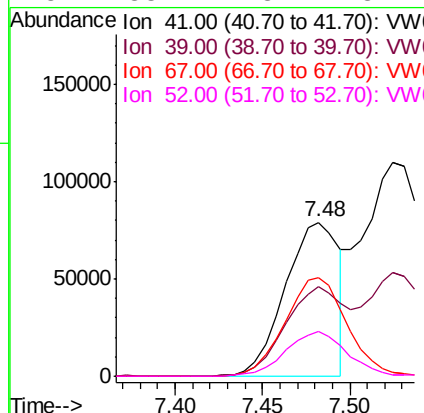
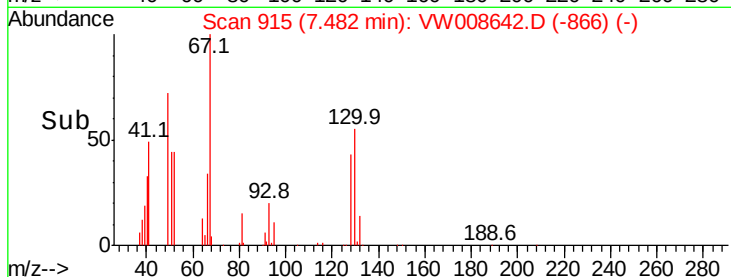
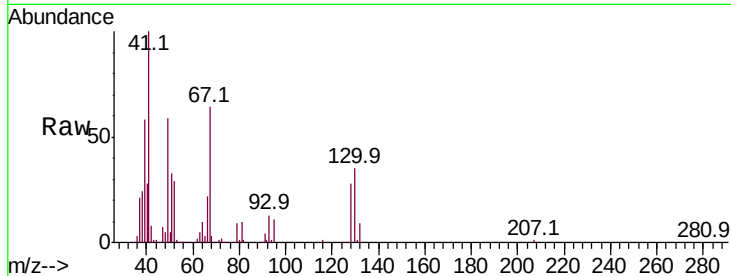
#41
Methacrylonitrile
Concen: 96.853 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.0	39.7	59.5#
67	73.8	52.5	78.7
52	33.7	23.1	34.7

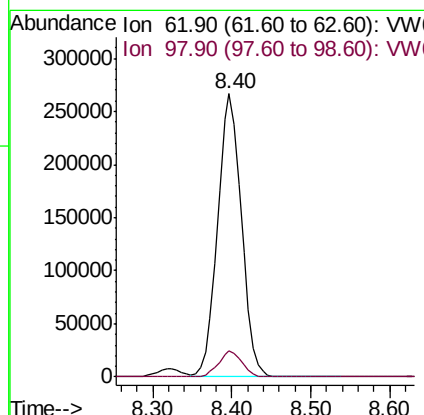
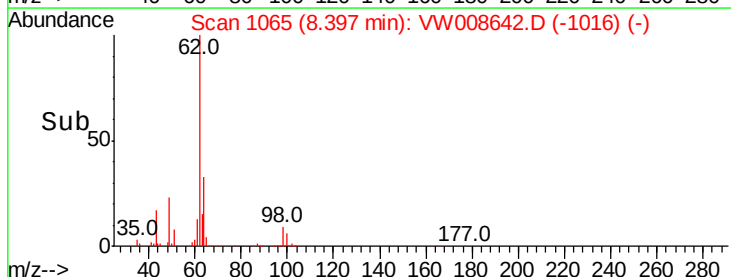
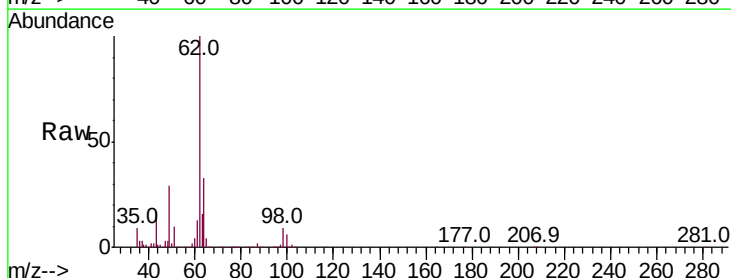
Manual Integrations
APPROVED

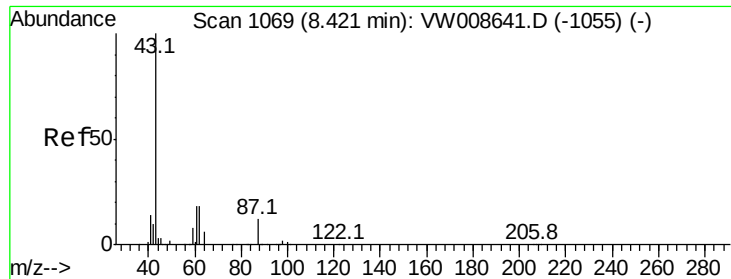
MMDadoda
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#42
1,2-Dichloroethane
Concen: 102.440 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 107.606 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

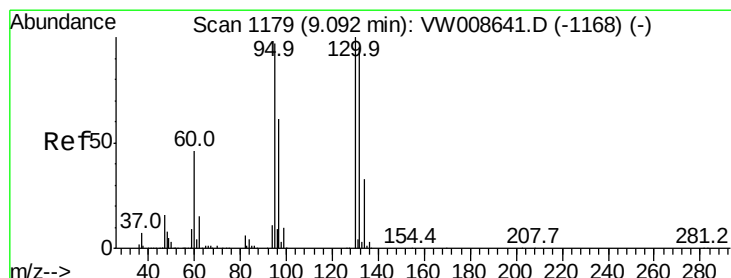
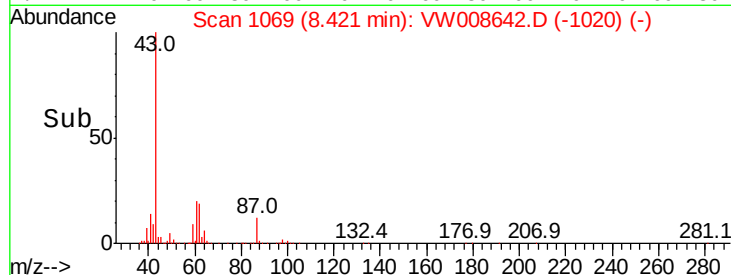
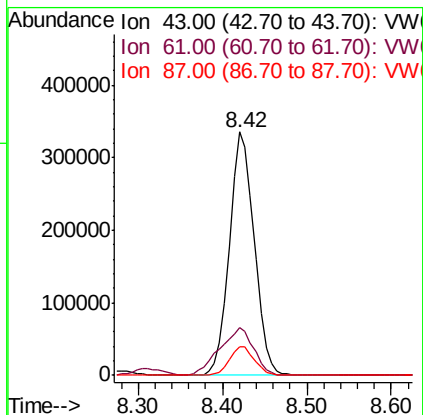
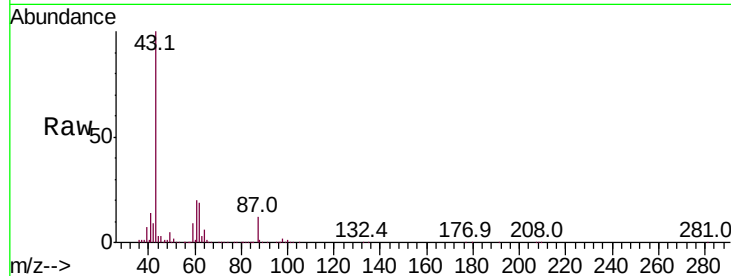
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	667222
Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.4	32.2
87	11.9	9.8	14.8

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#44

Trichloroethene

Concen: 100.542 ug/l

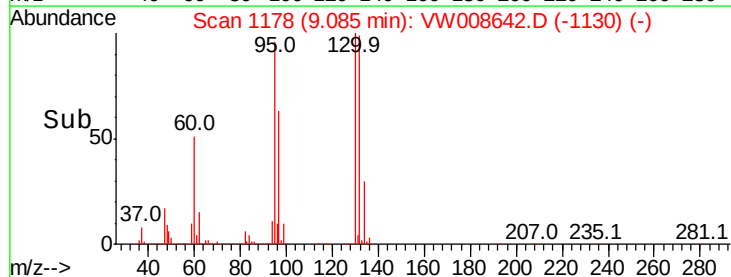
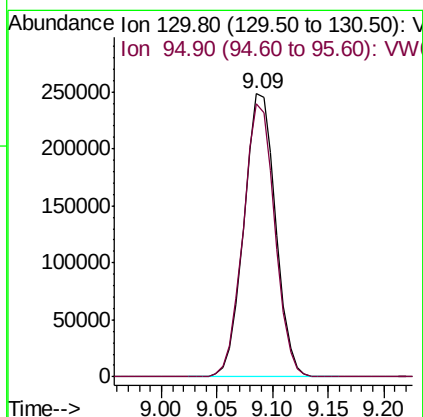
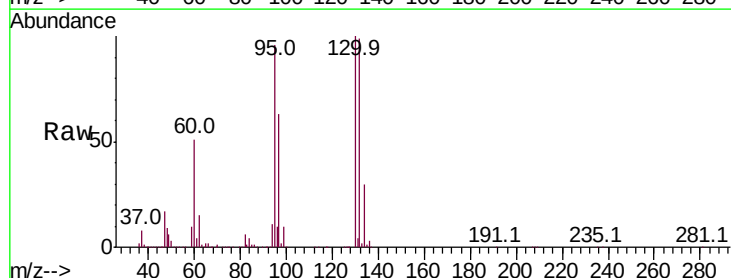
RT: 9.09 min Scan# 1178

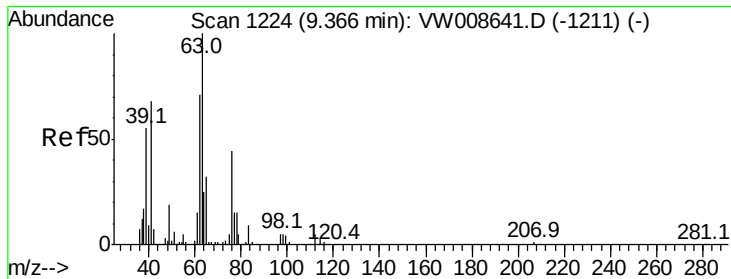
Delta R.T. -0.01 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	130	Resp:	490789
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	193.4





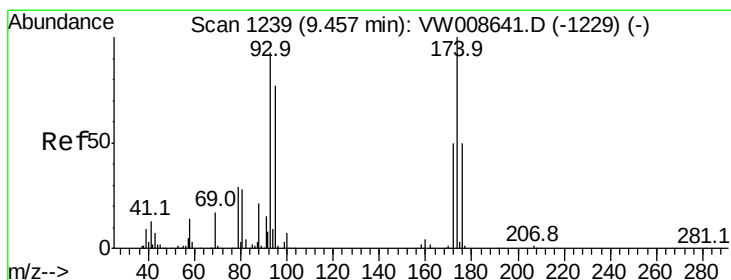
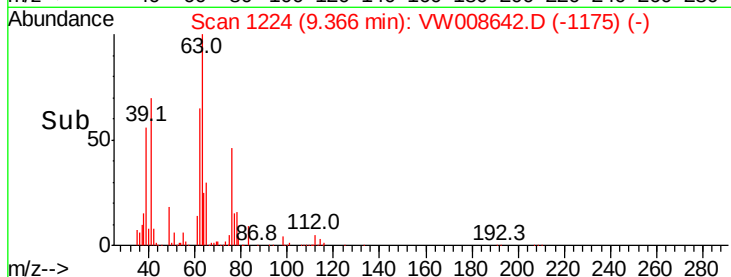
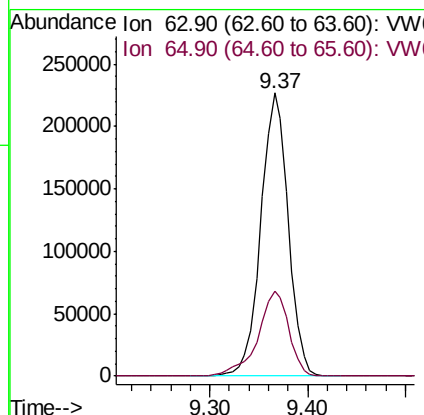
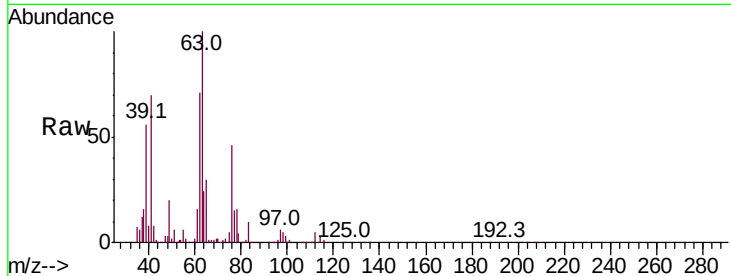
#45
 1,2-Dichloropropane
 Concen: 101.832 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.4	38.0

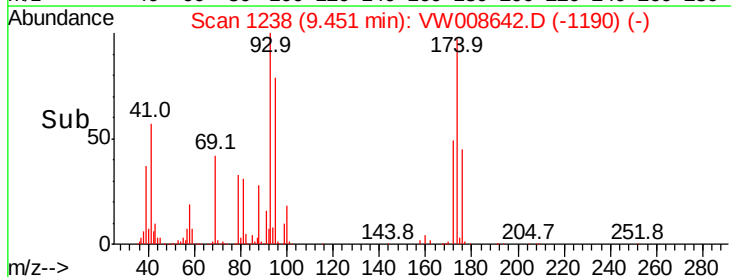
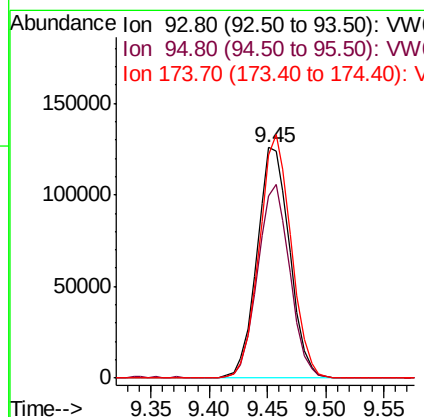
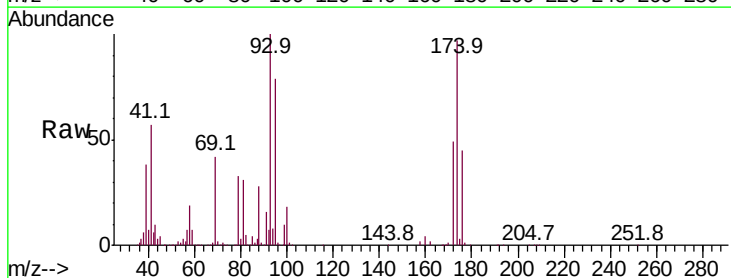
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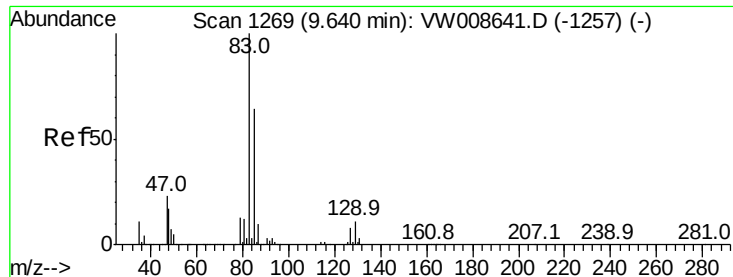
MMDadoda
 2/14/2019 2:09:04 PM



#46
 Dibromomethane
 Concen: 102.568 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.8	98.8
174	103.1	82.5	123.7





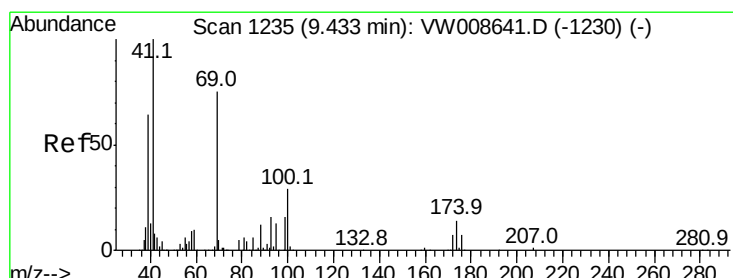
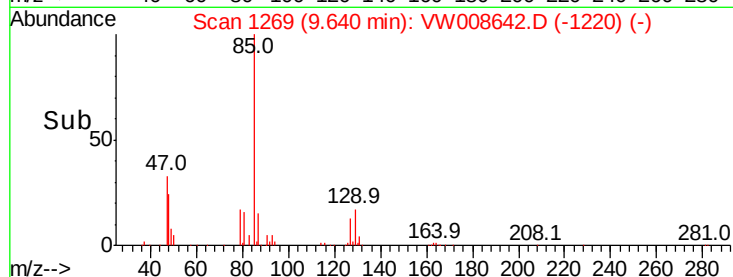
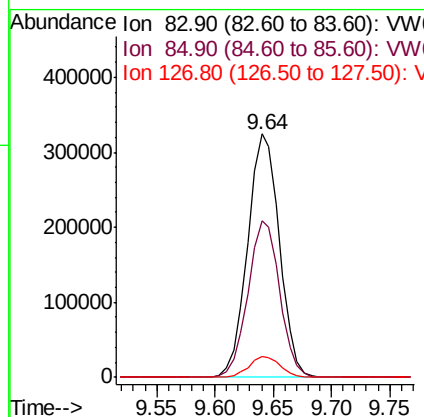
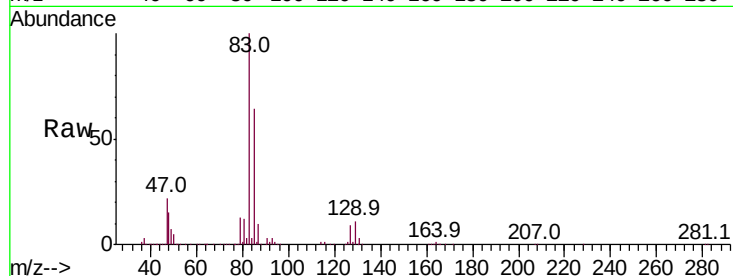
#47
Bromodichloromethane
Concen: 107.081 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	617669		
85	64.4	51.2	76.8	
127	8.6	6.4	9.6	

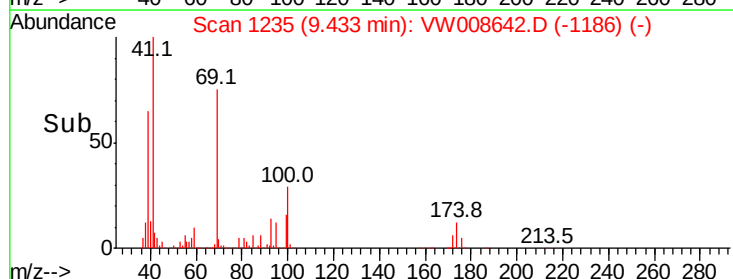
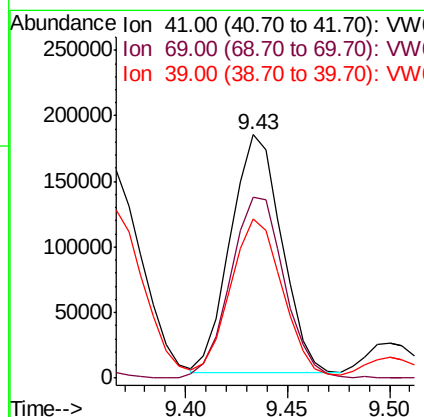
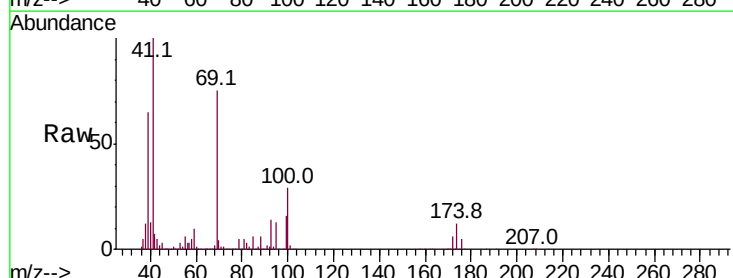
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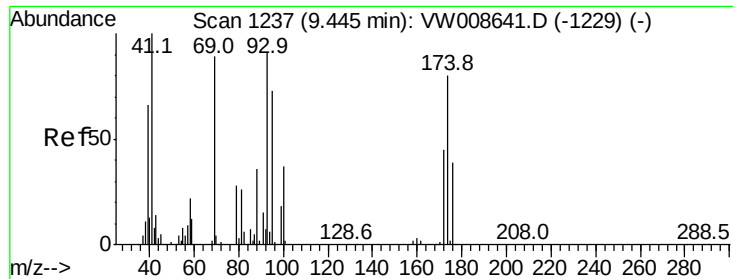
MMDadoda
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#48
Methyl methacrylate
Concen: 109.551 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	314803		
69	80.5	64.1	96.1	
39	66.1	52.3	78.5	





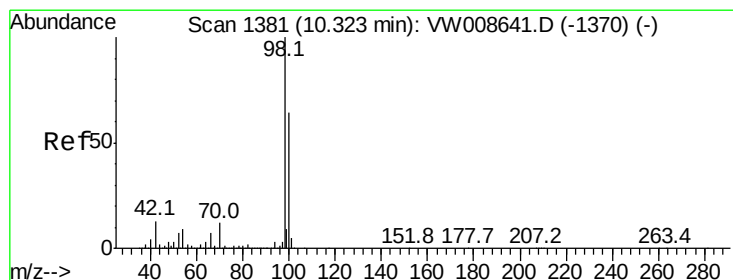
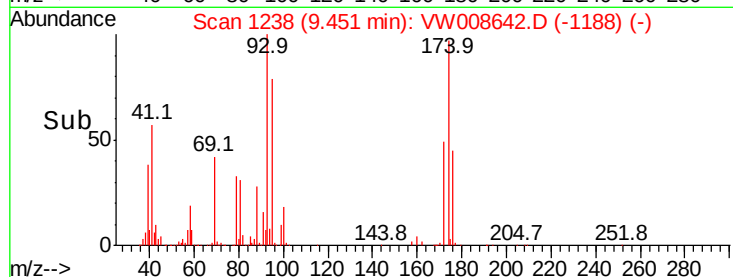
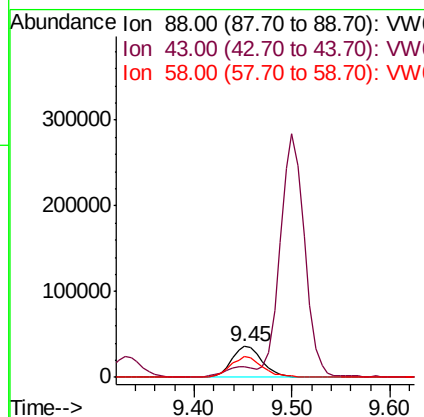
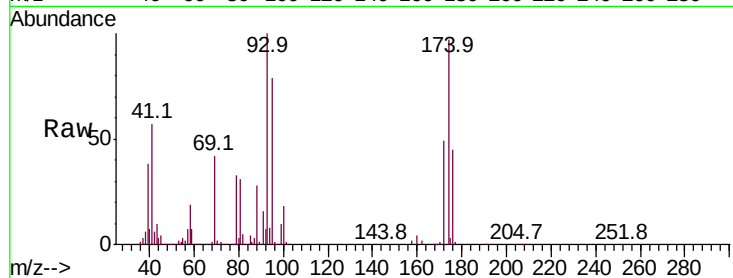
#49
1,4-Dioxane
Concen: 2061.705 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	31.0	46.6
58	70.7	57.0	85.6

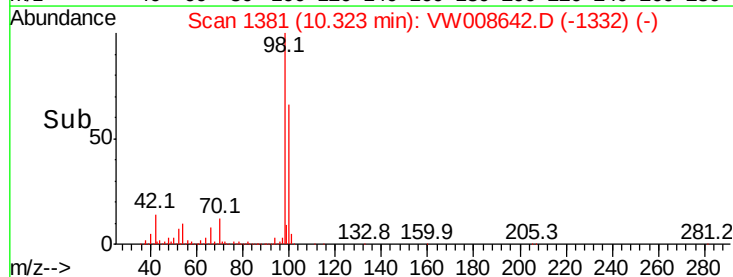
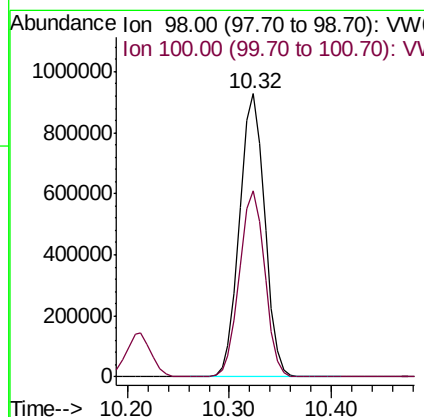
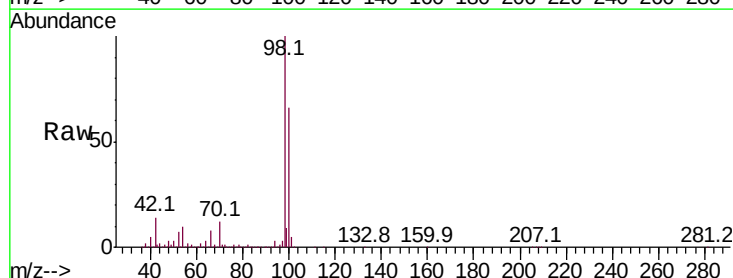
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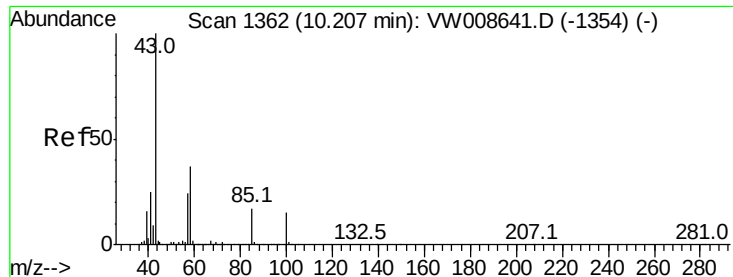
MMDadoda
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#50
Toluene-d8
Concen: 103.006 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 535.907 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1706962

Ion Ratio Lower Upper

43 100

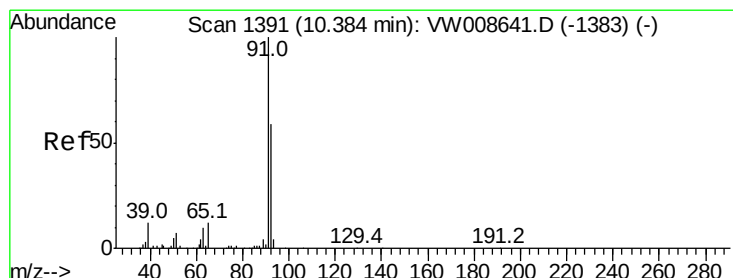
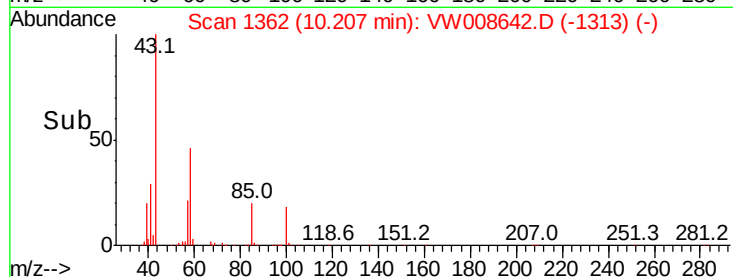
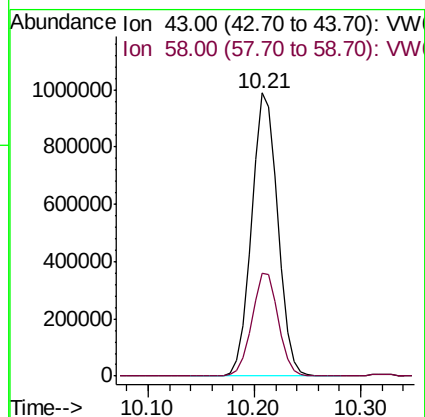
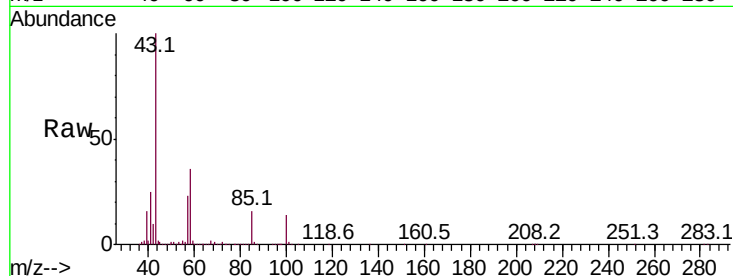
58 36.5 29.0 43.6

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#52

Toluene

Concen: 103.715 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008642.D

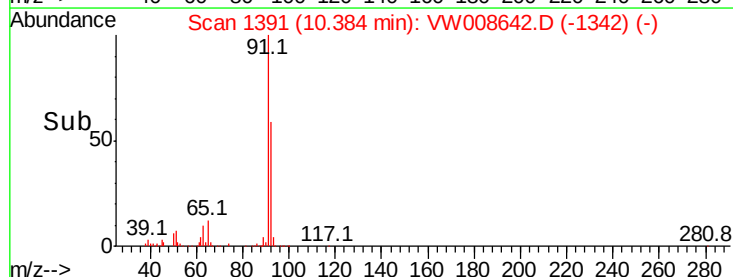
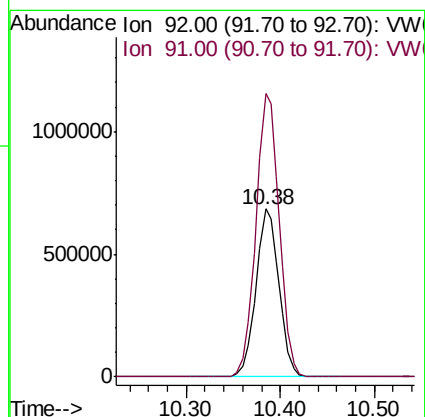
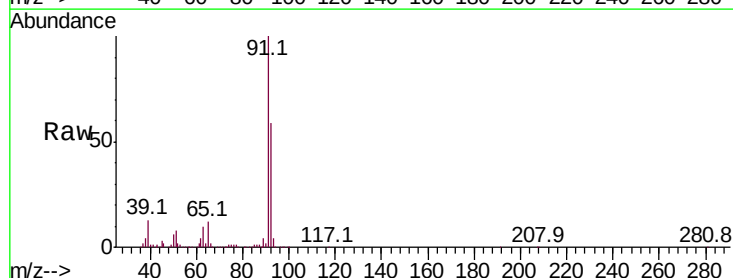
Acq: 13 Feb 2019 16:03

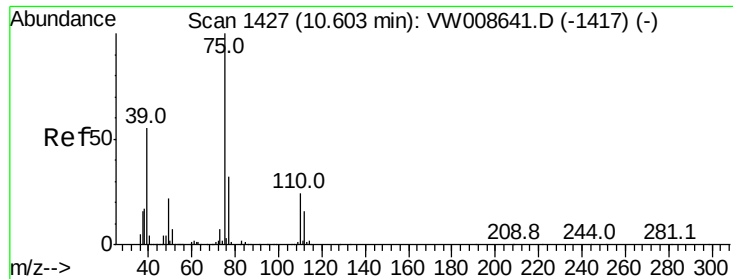
Tgt Ion: 92 Resp: 1177969

Ion Ratio Lower Upper

92 100

91 170.8 135.8 203.6





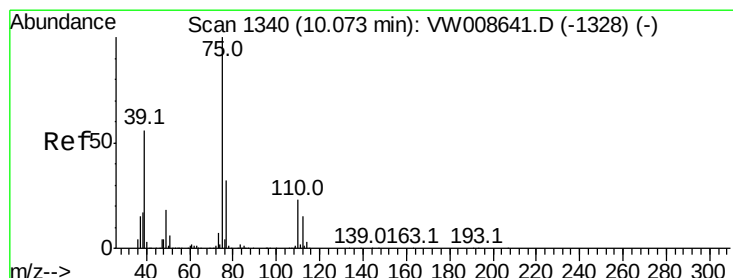
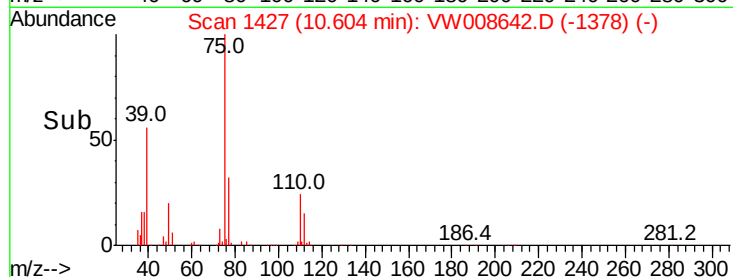
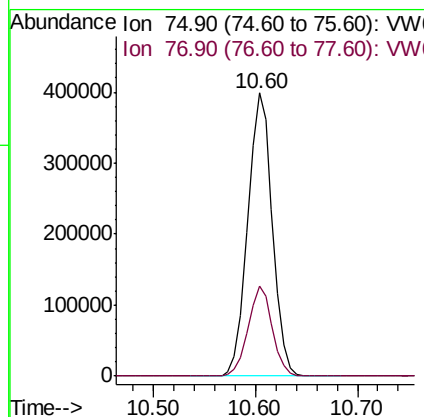
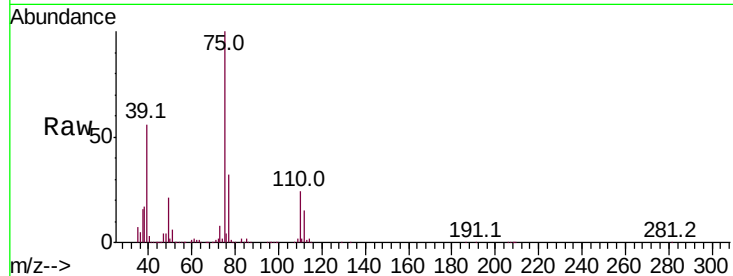
#53
t-1,3-Dichloropropene
Concen: 109.989 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5

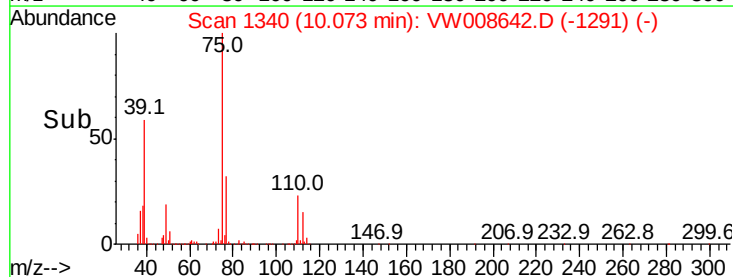
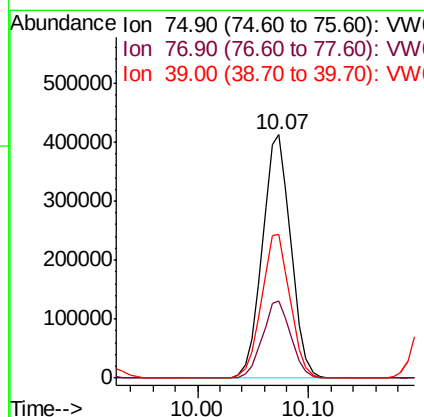
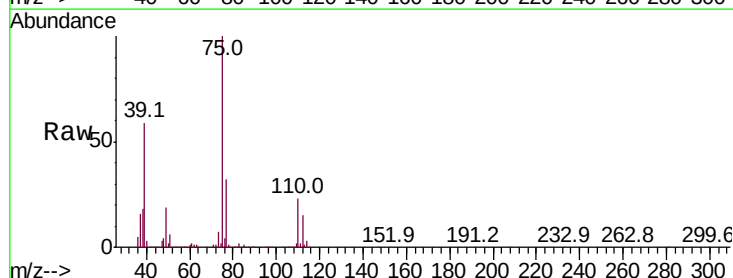
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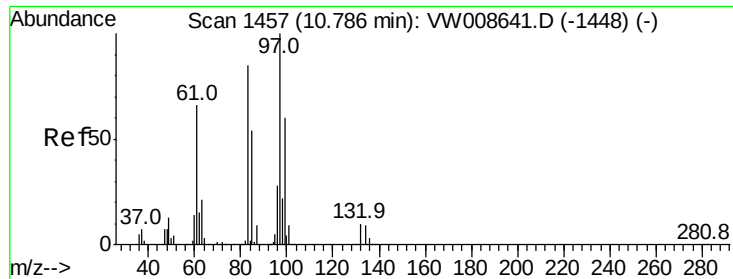
MMDadoda
2/14/2019 2:09:04 PM



#54
cis-1,3-Dichloropropene
Concen: 106.625 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	58.8	44.5	66.7





#55

1,1,2-Trichloroethane

Concen: 103.308 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

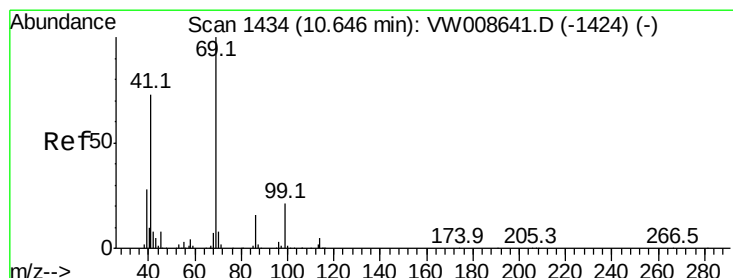
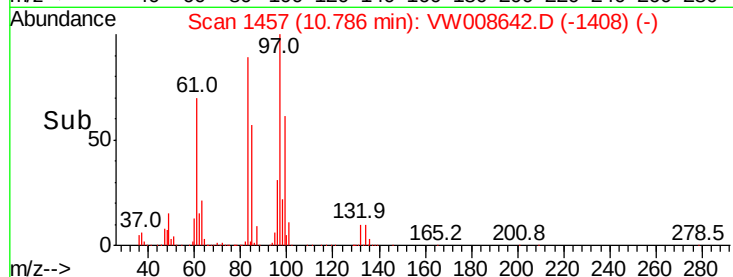
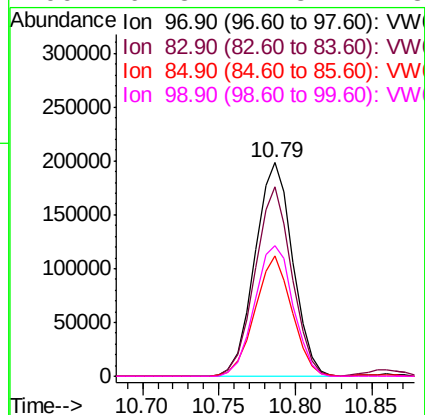
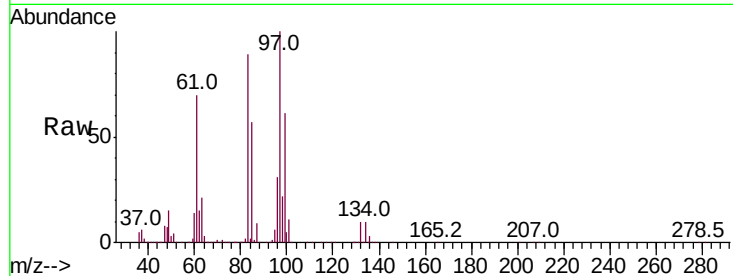
ClientSampleId :

VSTDIC100

Tot Ion:	97	Resp:	340223
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.4	102.6
85	56.6	43.1	64.7
99	61.3	47.8	71.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 109.923 ug/l

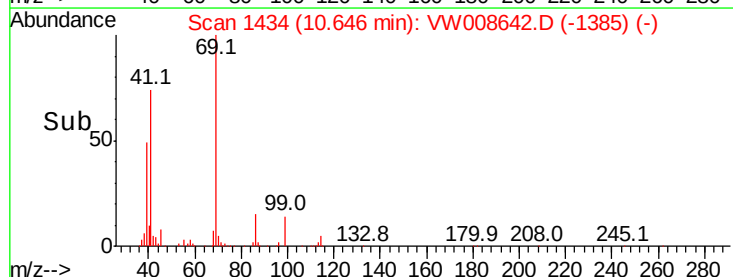
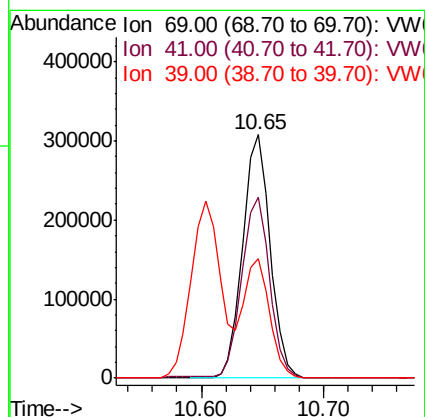
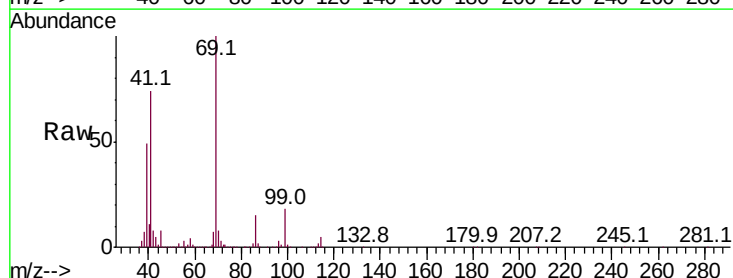
RT: 10.65 min Scan# 1434

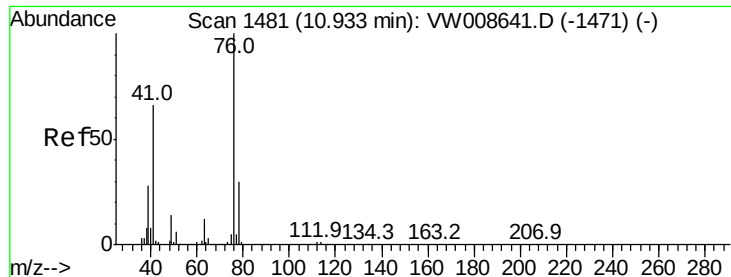
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	69	Resp:	480697
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.0	88.4
39	45.0	34.4	51.6





#57

1,3-Dichloropropane

Concen: 102.756 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 600423

Ion Ratio Lower Upper

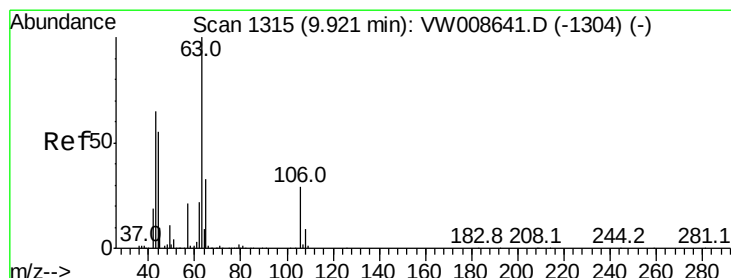
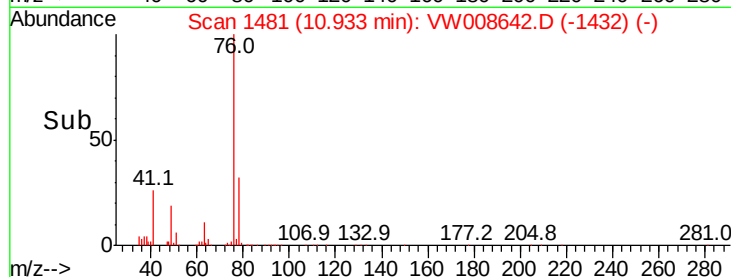
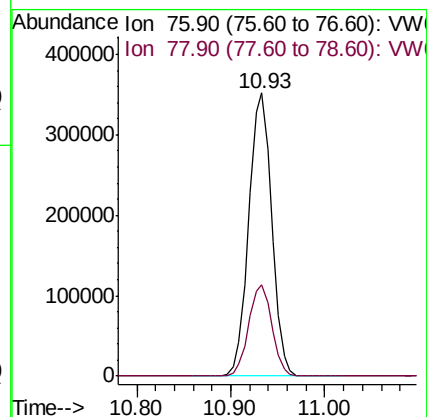
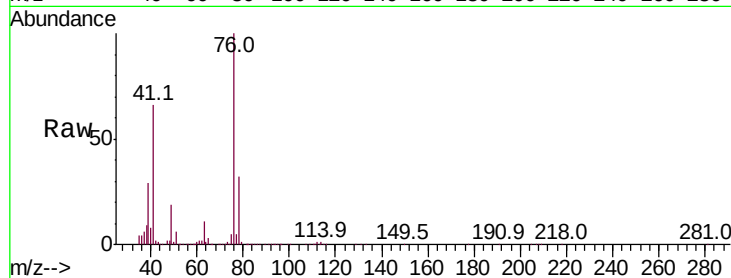
76 100

78 32.7 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 536.209 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW008642.D

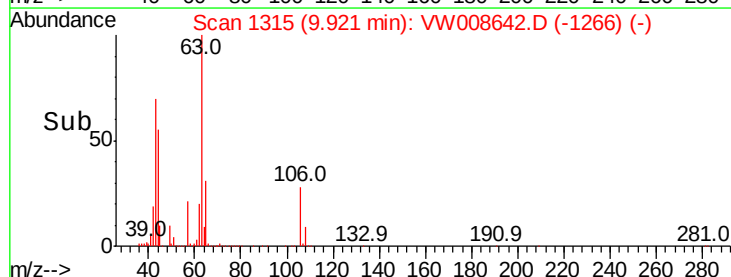
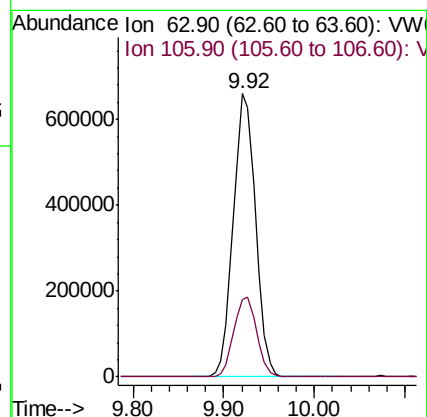
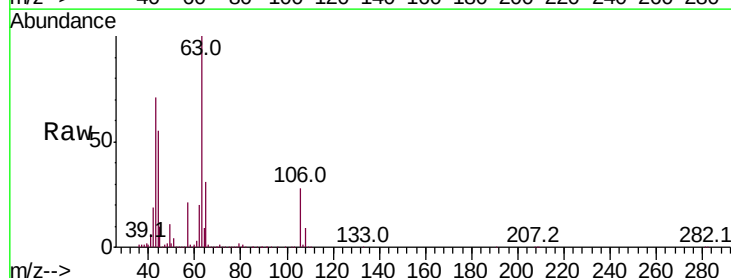
Acq: 13 Feb 2019 16:03

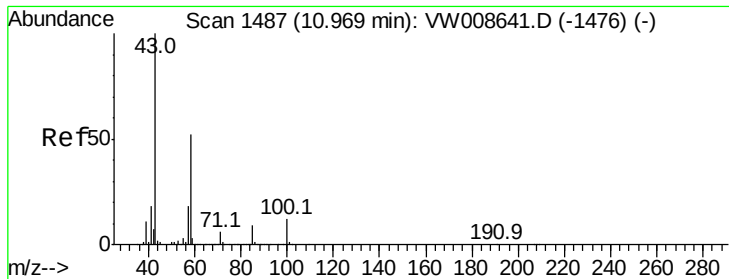
Tgt Ion: 63 Resp: 1124843

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2





#59

2-Hexanone

Concen: 547.356 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1224758

Ion Ratio Lower Upper

43 100

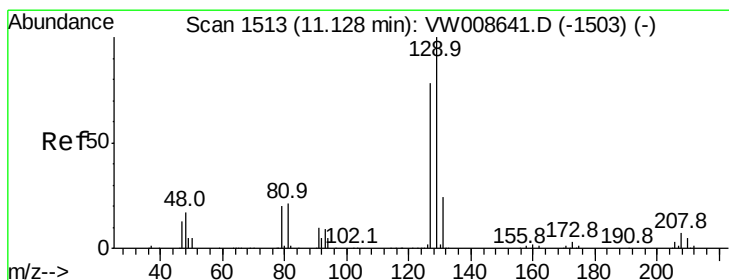
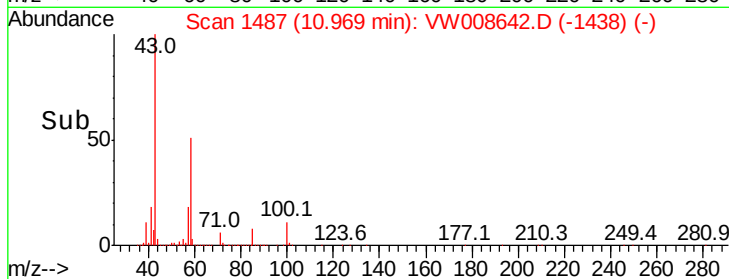
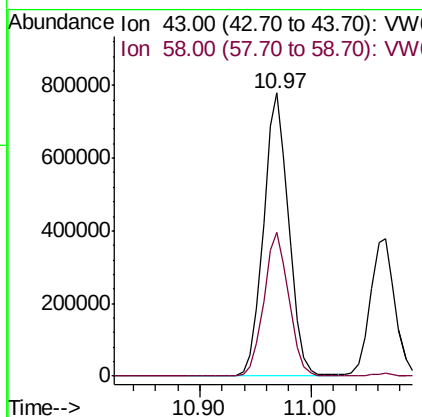
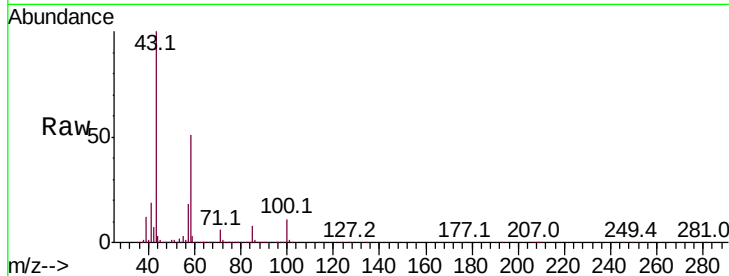
58 50.5 25.6 76.6

Manual Integrations

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#60

Dibromochloromethane

Concen: 108.176 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008642.D

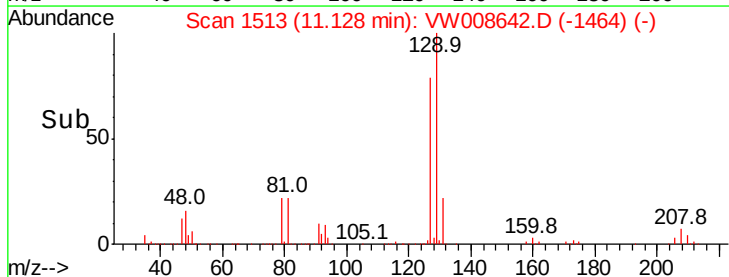
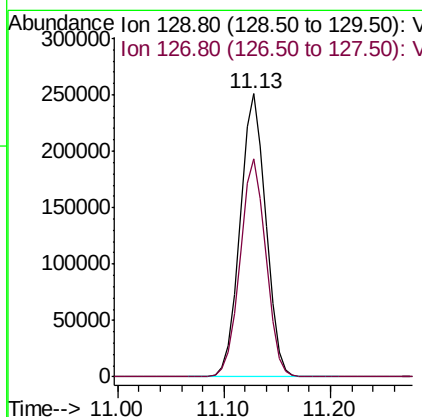
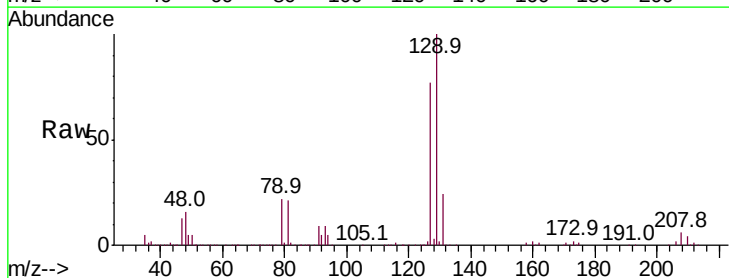
Acq: 13 Feb 2019 16:03

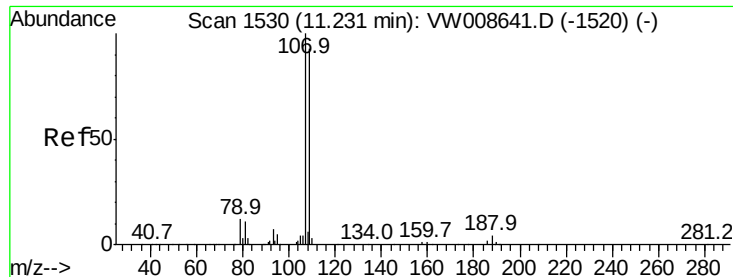
Tgt Ion: 129 Resp: 426265

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 104.248 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 338034

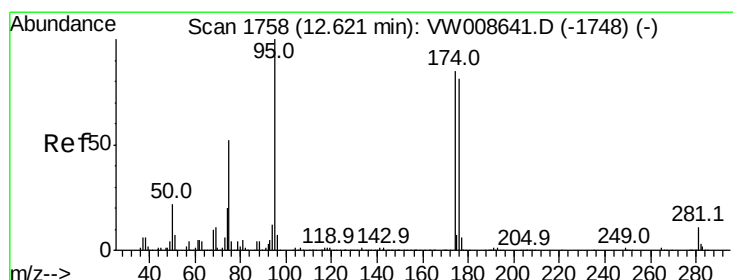
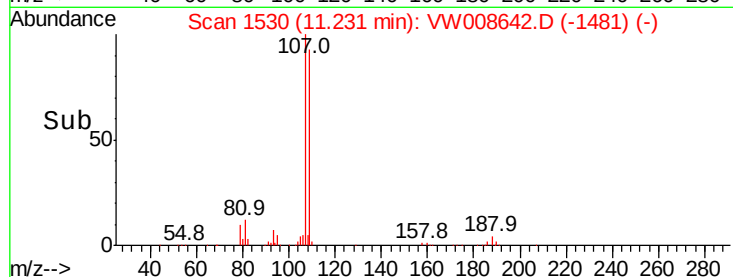
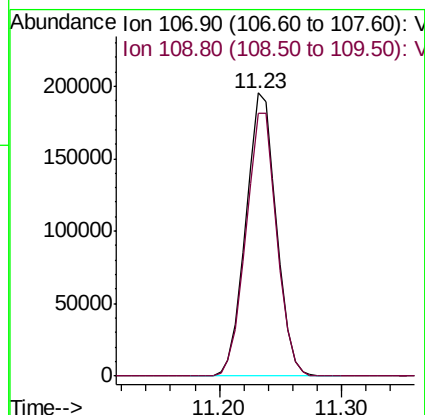
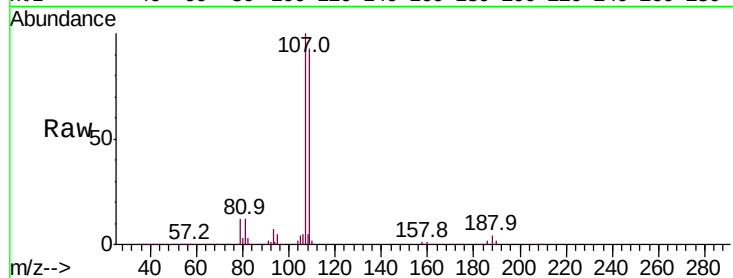
Ion Ratio Lower Upper

107 100

109 94.2 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 105.400 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

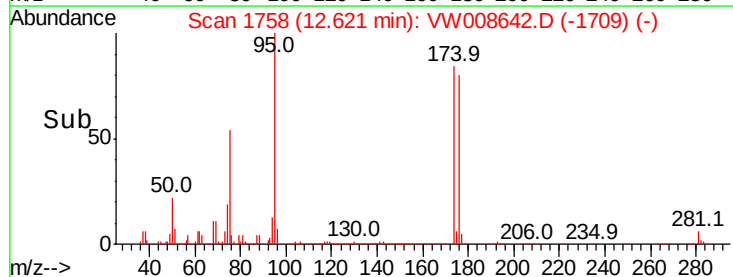
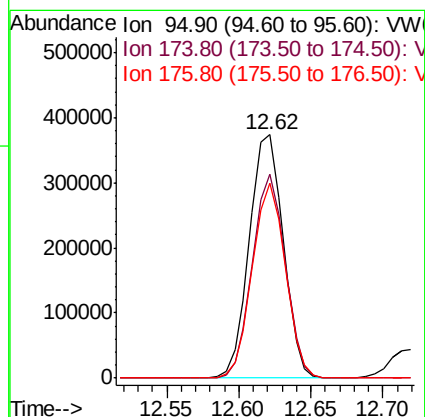
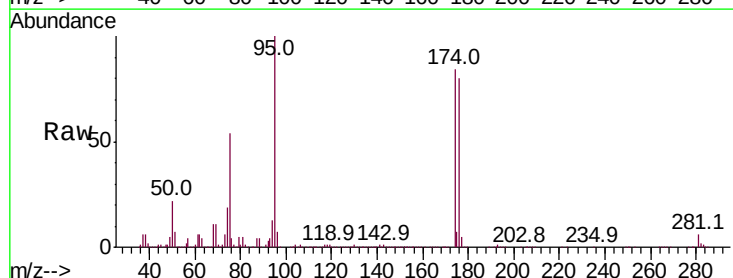
Tgt Ion: 95 Resp: 609737

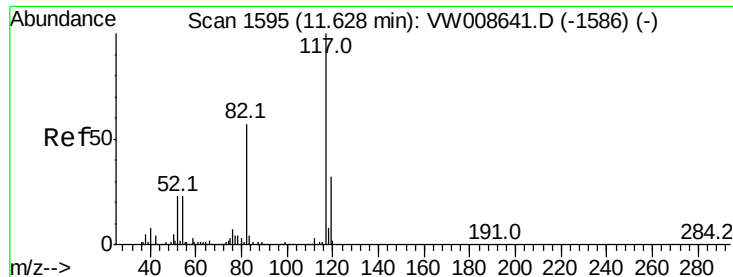
Ion Ratio Lower Upper

95 100

174 81.2 0.0 163.2

176 77.8 0.0 158.0





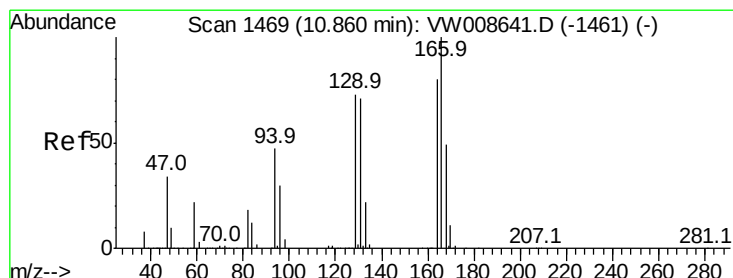
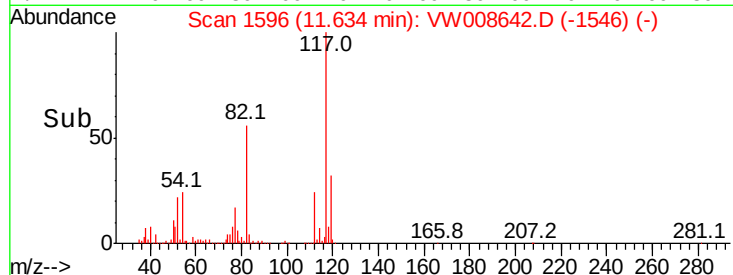
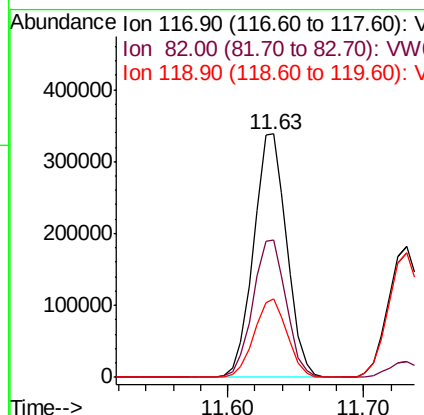
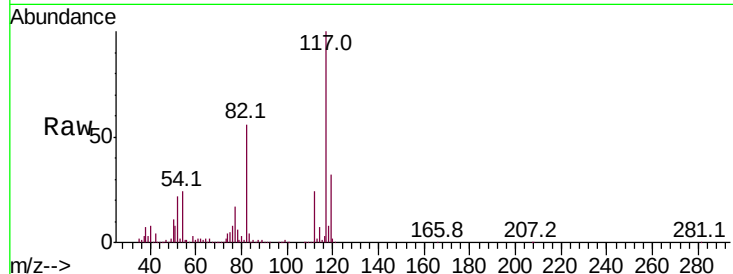
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	56.2	45.6	68.4	
119	32.3	25.7	38.5	

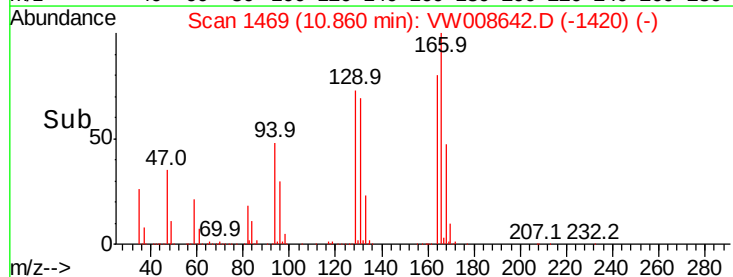
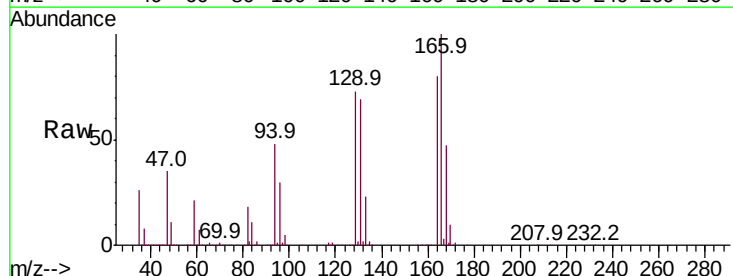
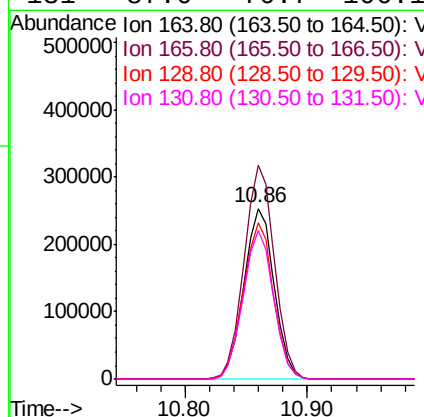
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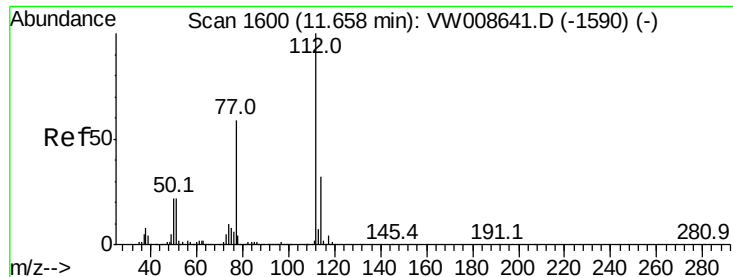
MMDadoda
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#64
Tetrachloroethene
Concen: 101.022 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.4	100.2	150.2	
129	91.8	73.6	110.4	
131	87.0	70.7	106.1	





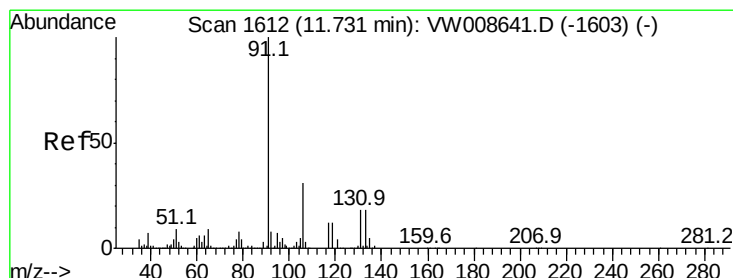
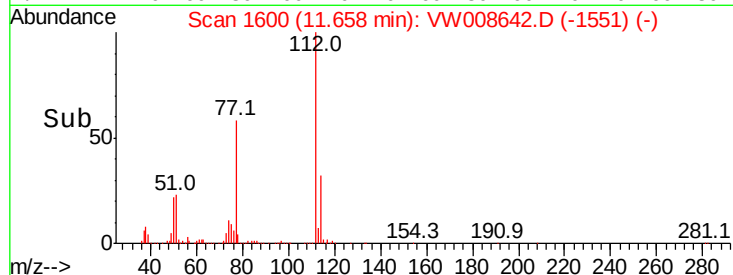
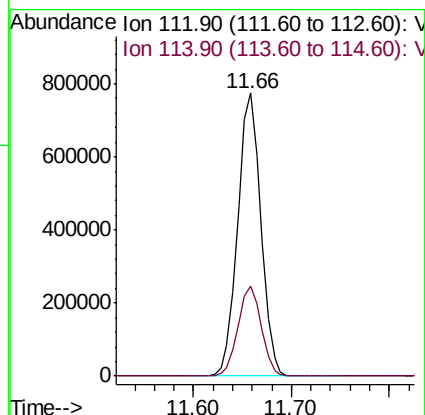
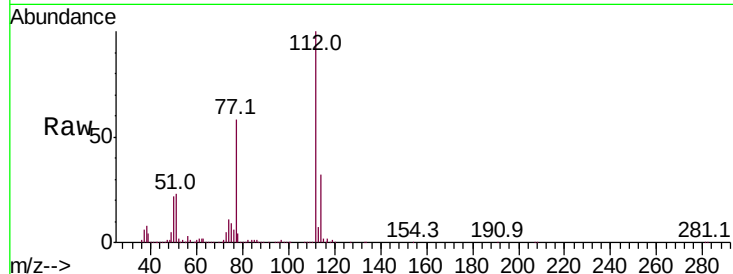
#65
Chlorobenzene
Concen: 101.992 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1271458
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

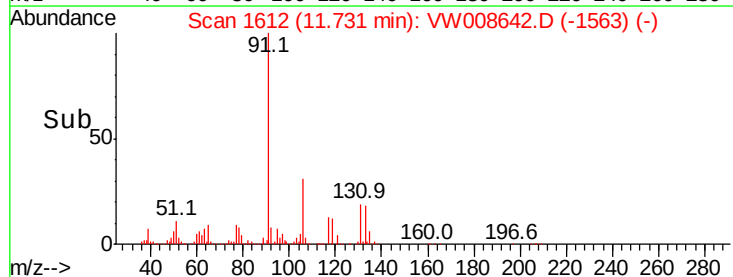
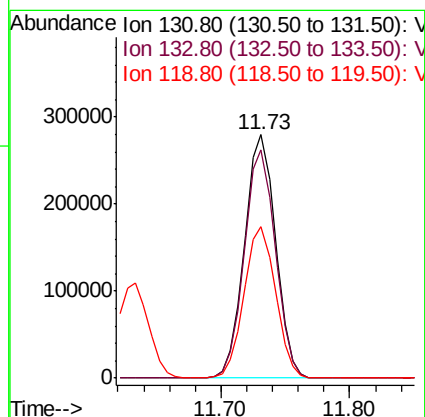
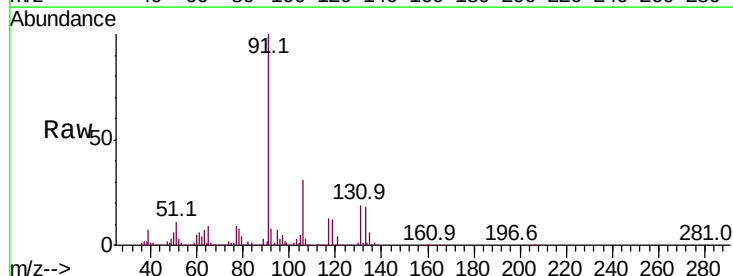
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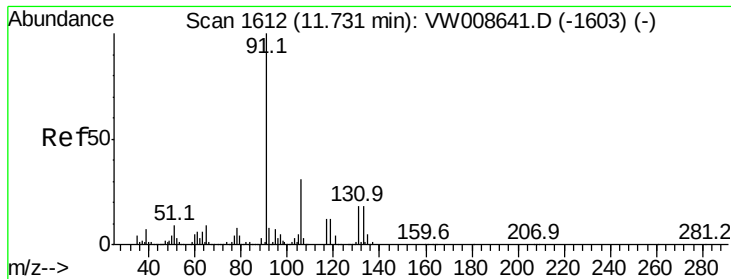
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 105.693 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion:131 Resp: 466763
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 63.1 31.6 94.8





#67

Ethyl Benzene

Concen: 103.605 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2300696

Ion Ratio Lower Upper

91 100

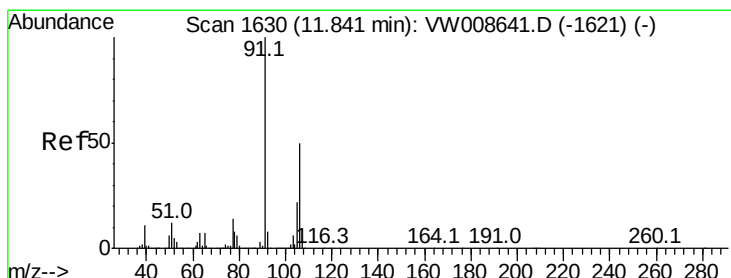
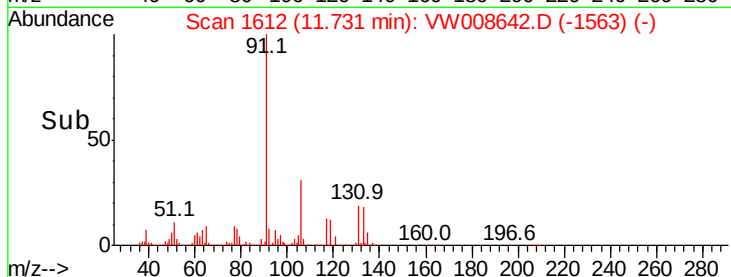
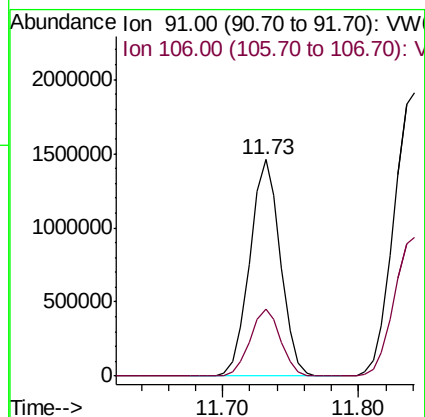
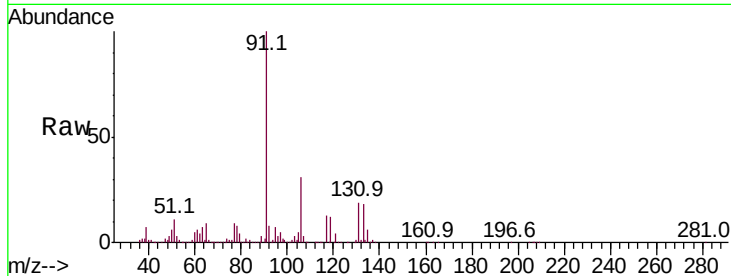
106 31.0 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 208.107 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008642.D

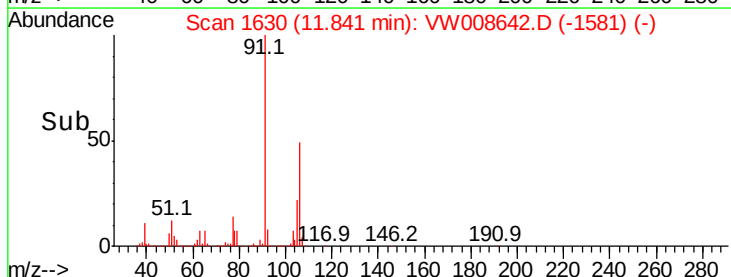
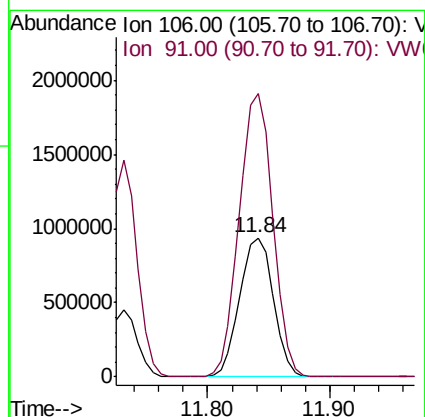
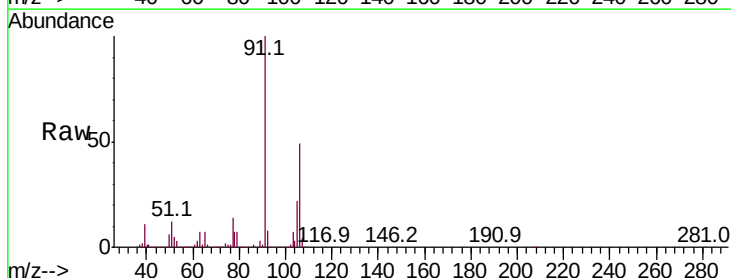
Acq: 13 Feb 2019 16:03

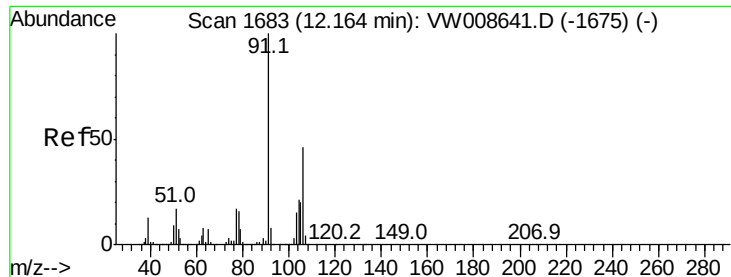
Tgt Ion: 106 Resp: 1798103

Ion Ratio Lower Upper

106 100

91 202.9 161.0 241.4





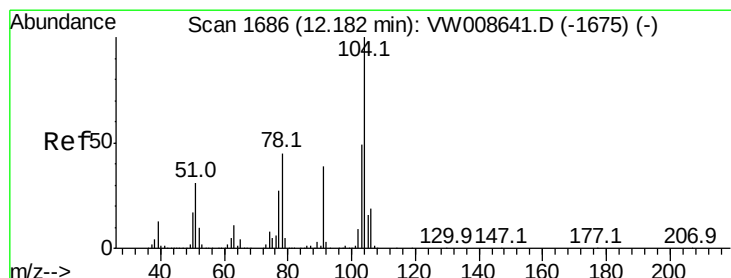
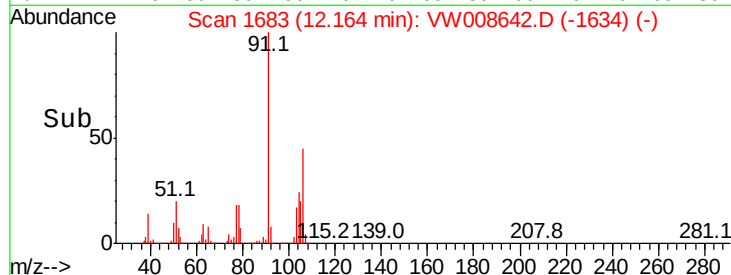
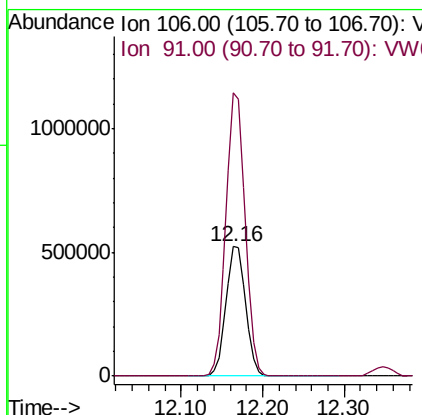
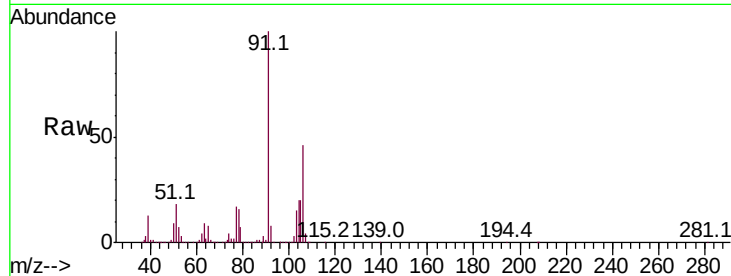
#69
o-Xylene
Concen: 105.887 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.3	106.7	320.1

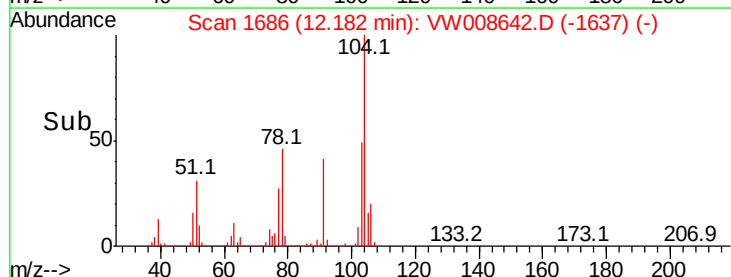
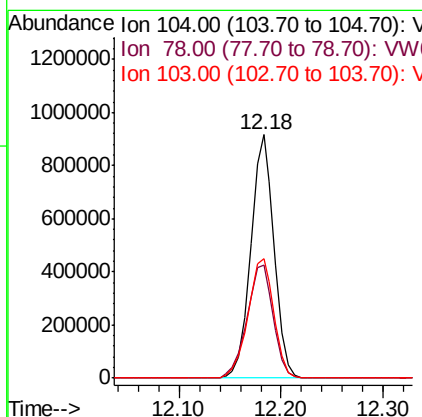
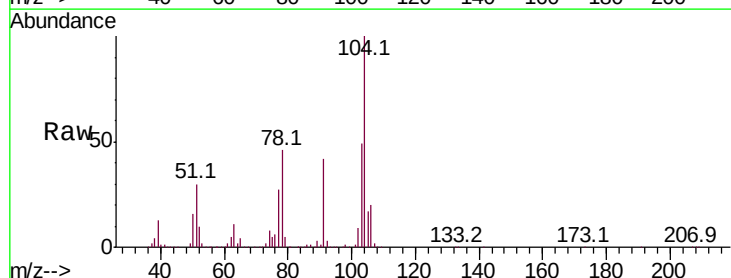
Manual Integrations
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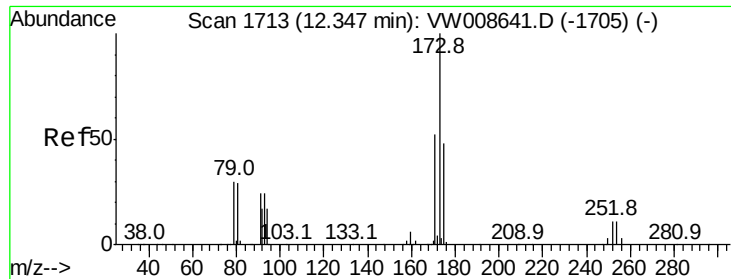
MMDadoda
2/14/2019 2:09:04 PM



#70
Styrene
Concen: 109.092 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	41.5	62.3
103	54.7	43.5	65.3





#71

Bromoform

Concen: 112.629 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

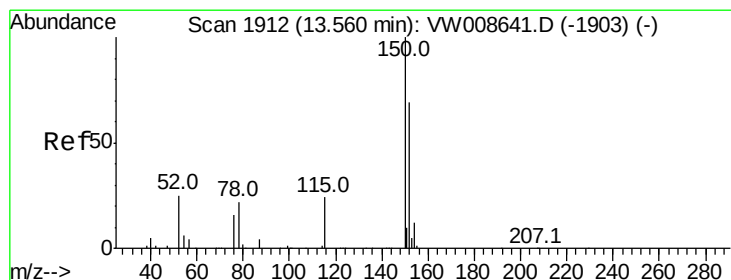
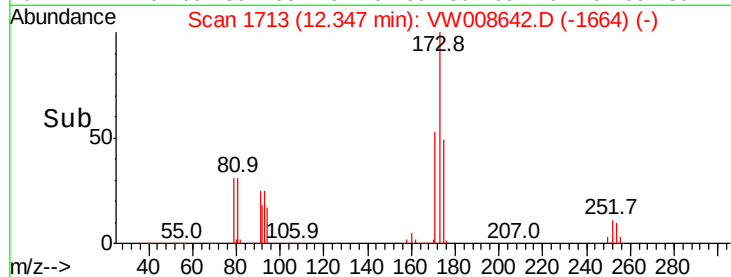
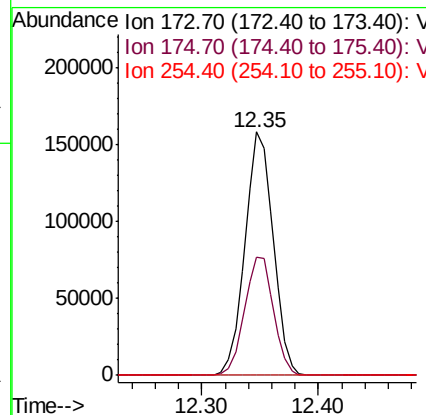
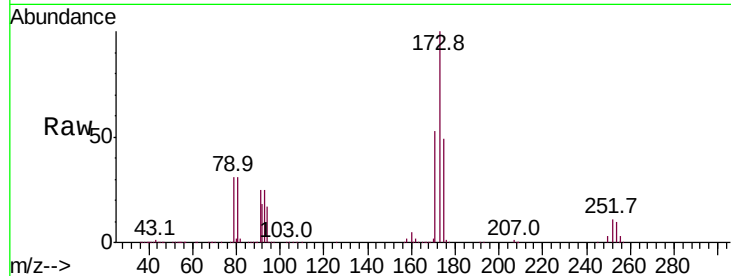
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
173	100	268001		
175	49.9	24.9	74.7	
254	0.3	0.1	0.1#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

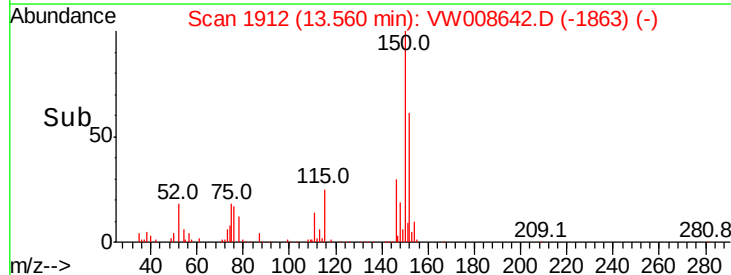
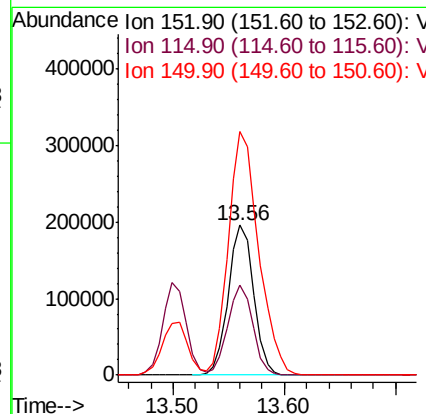
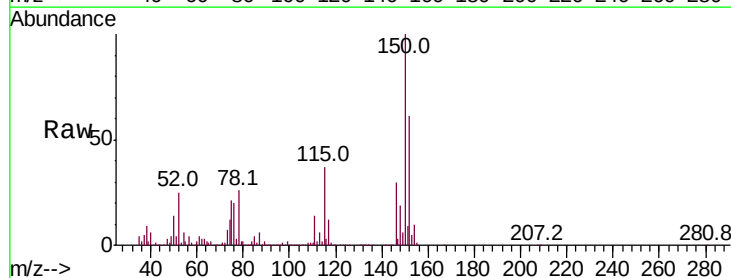
RT: 13.56 min Scan# 1912

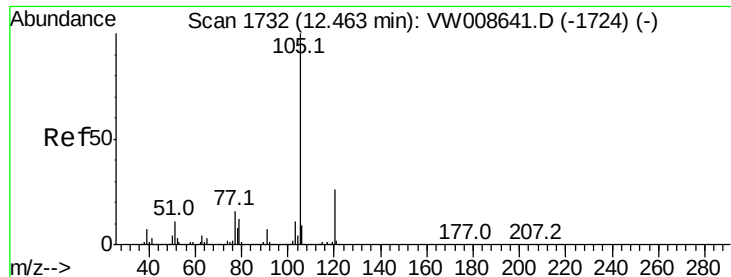
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	310024		
115	59.0	29.3	87.8	
150	192.3	0.0	352.8	





#73

Isopropylbenzene

Concen: 104.535 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2414034

Ion Ratio Lower Upper

105 100

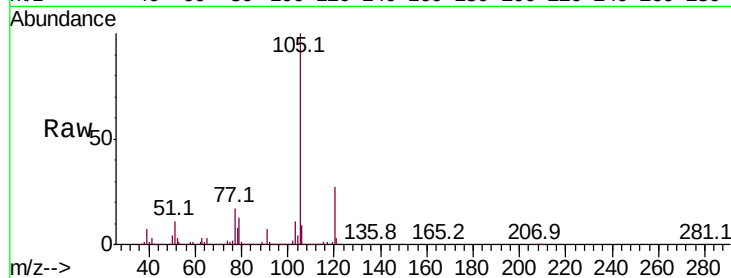
120 26.7 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

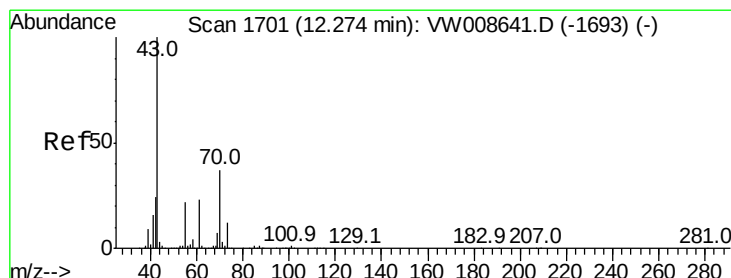
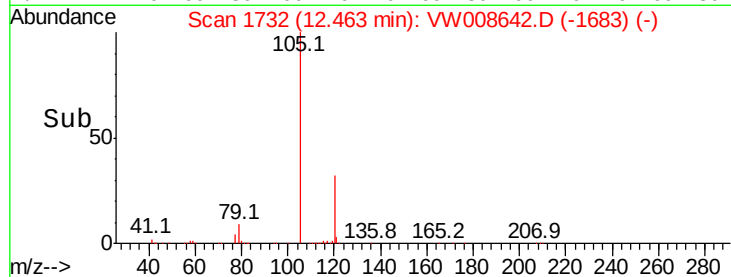
1000000

500000

0

12.46

Time-->



#74

N-ethyl acetate

Concen: 113.566 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion: 43 Resp: 709195

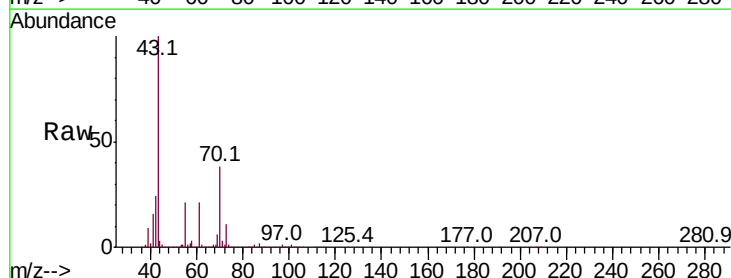
Ion Ratio Lower Upper

43 100

70 38.3 30.5 45.7

55 21.5 17.6 26.4

61 21.8 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

600000

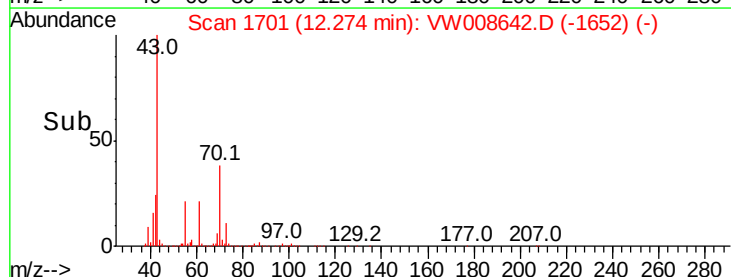
400000

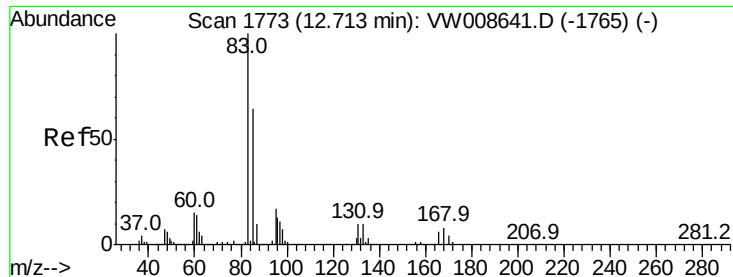
200000

0

12.27

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 105.379 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

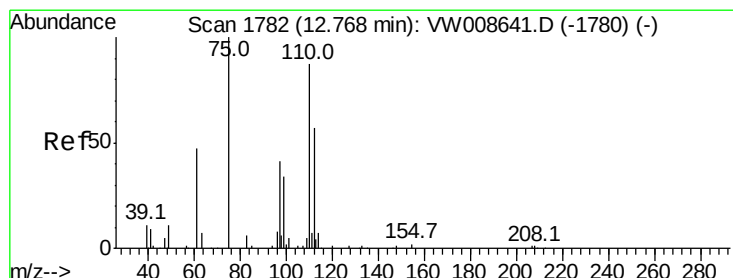
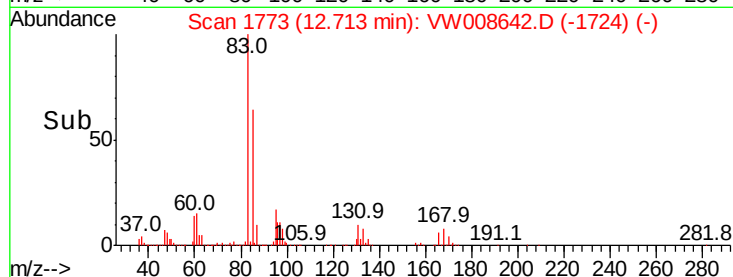
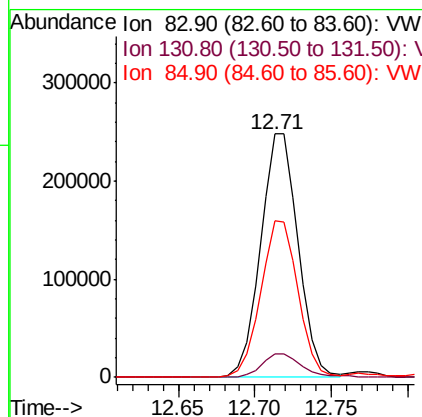
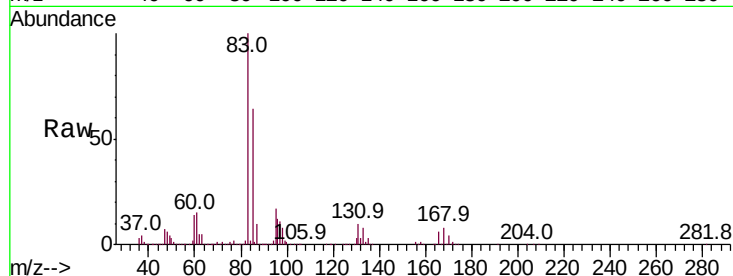
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	423399
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.7
85	64.0	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 82.749 ug/l m

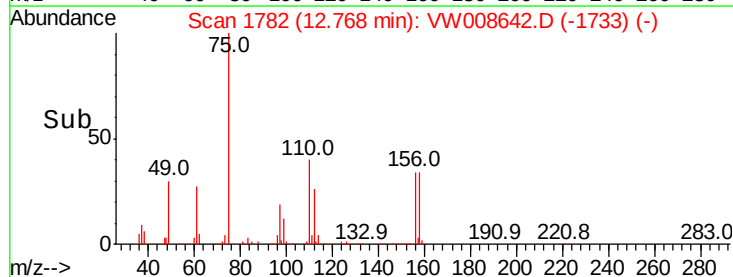
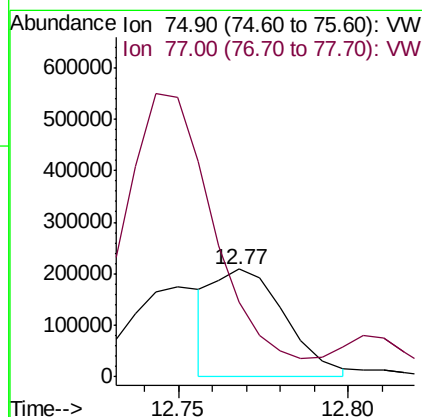
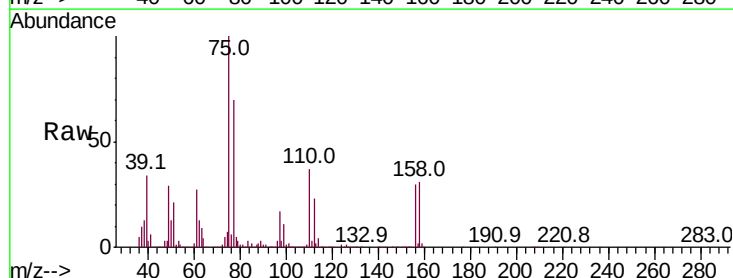
RT: 12.77 min Scan# 1782

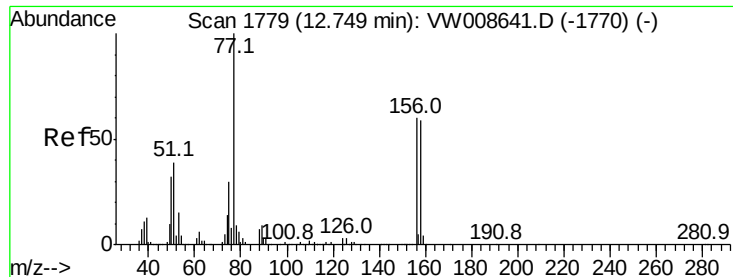
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	75	Resp:	306187
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 101.781 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

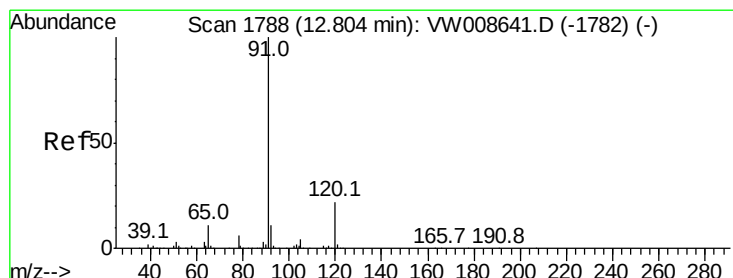
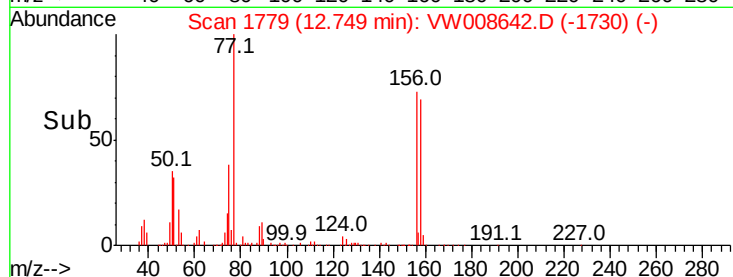
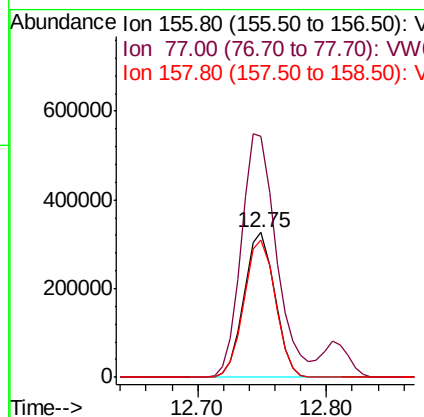
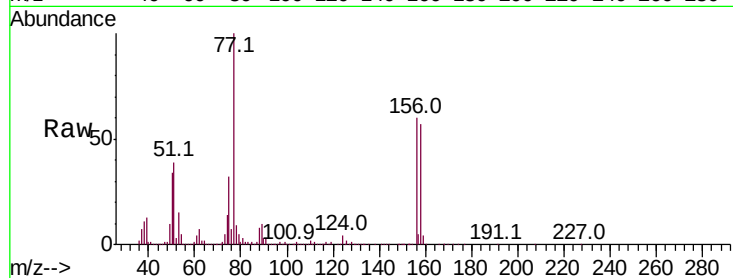
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	540295
Ion Ratio	Lower	Upper	
156	100		
77	190.7	93.2	279.5
158	96.1	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 103.884 ug/l

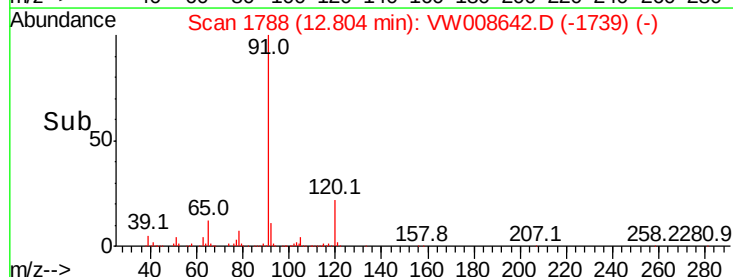
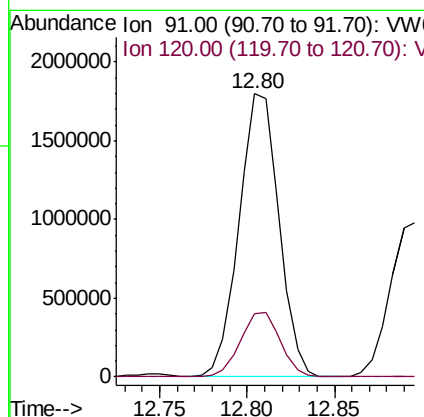
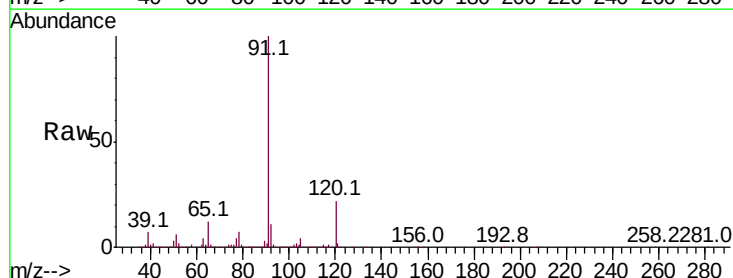
RT: 12.80 min Scan# 1788

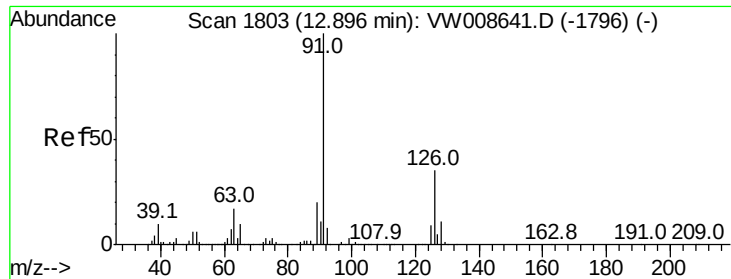
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	91	Resp:	2850443
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 103.869 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1610755

Ion Ratio Lower Upper

91 100

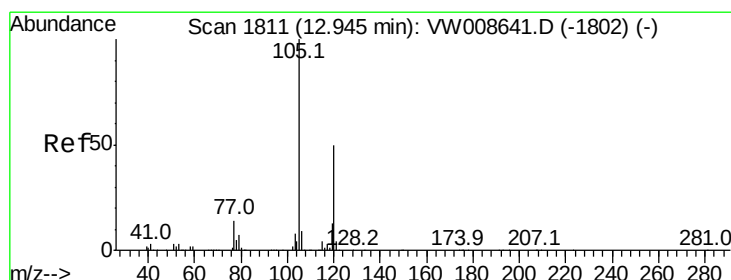
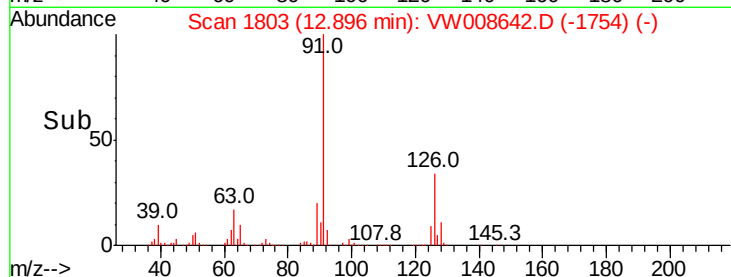
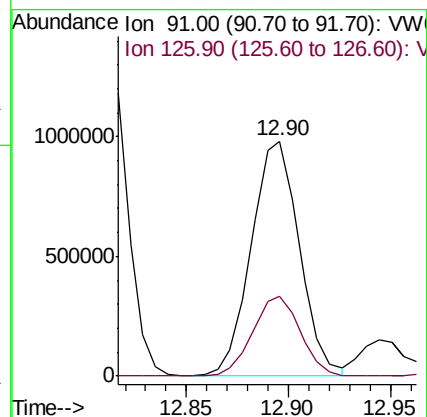
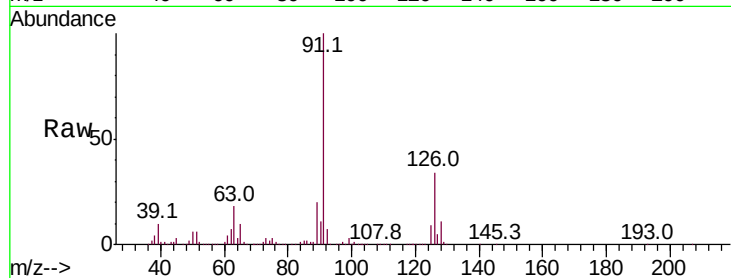
126 33.5 17.0 50.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 104.476 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008642.D

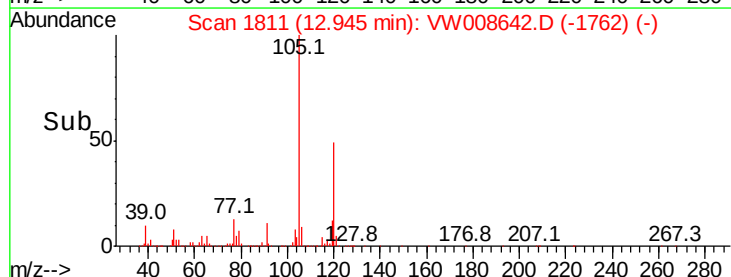
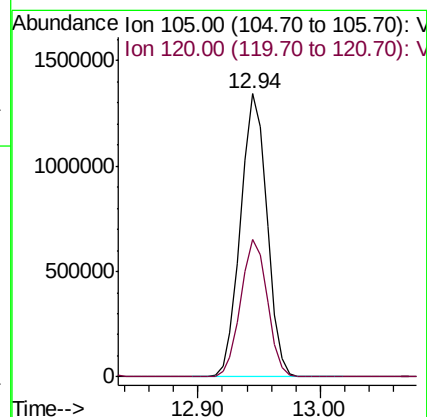
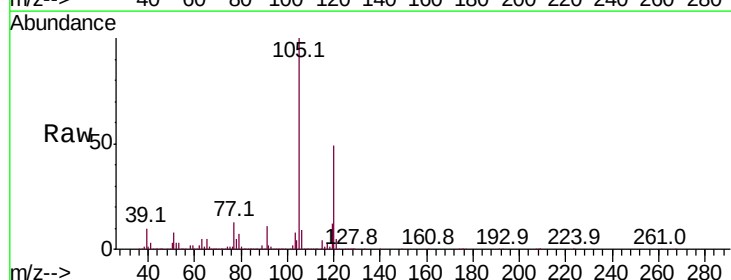
Acq: 13 Feb 2019 16:03

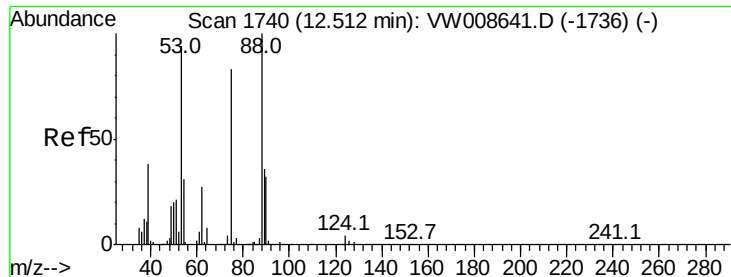
Tgt Ion:105 Resp: 2003998

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.8





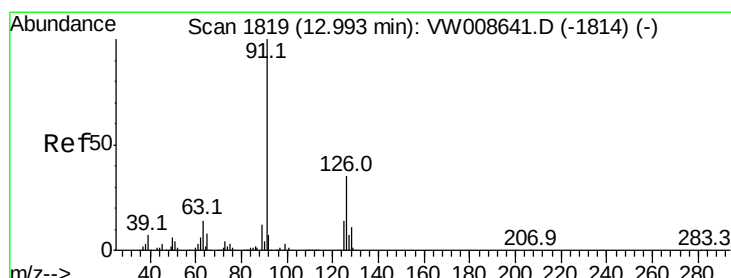
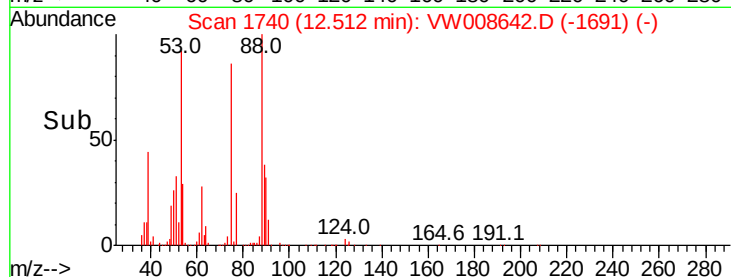
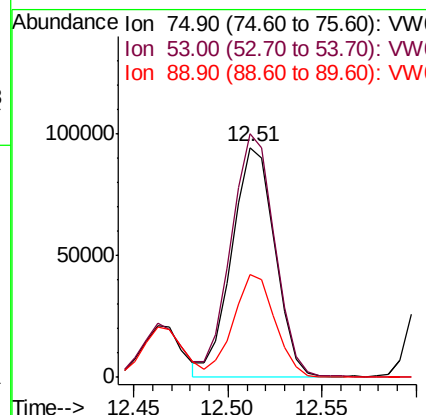
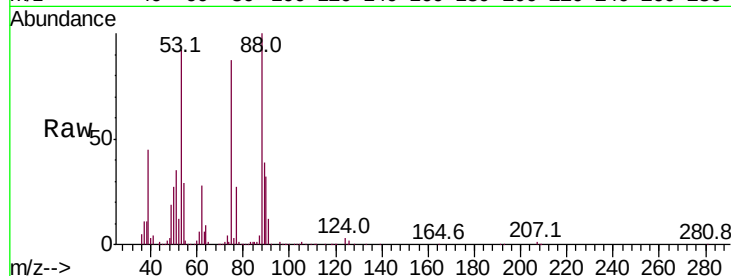
#81
trans-1,4-Dichloro-2-butene
Concen: 118.634 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	87.4	131.0
89	43.8	37.0	55.4

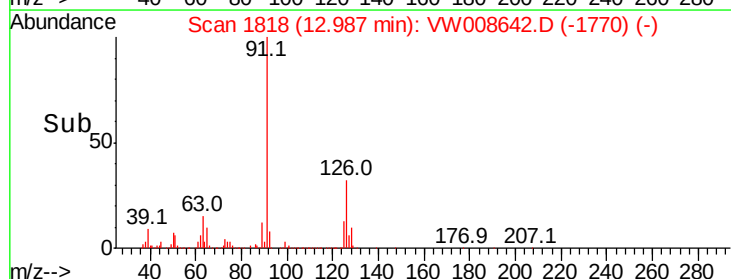
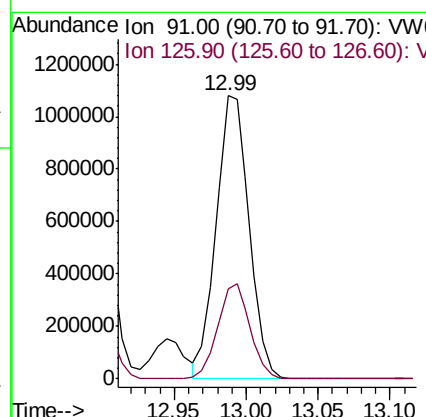
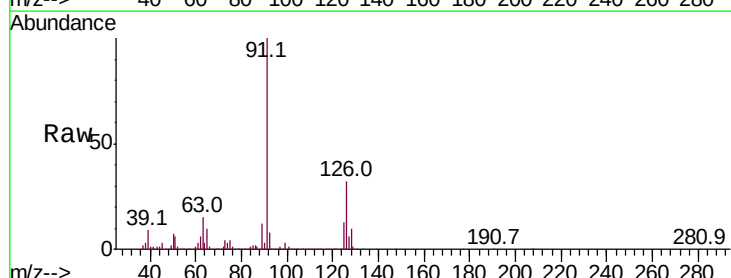
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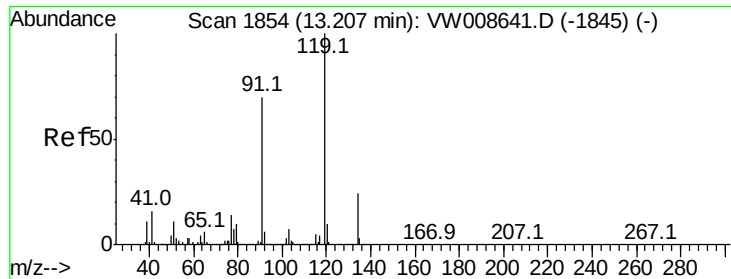
MMDadoda
2/14/2019 2:09:04 PM



#82
4-Chlorotoluene
Concen: 104.627 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.9	50.7





#83

tert-Butylbenzene

Concen: 103.265 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

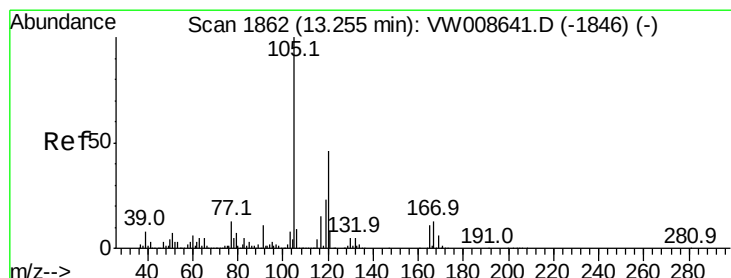
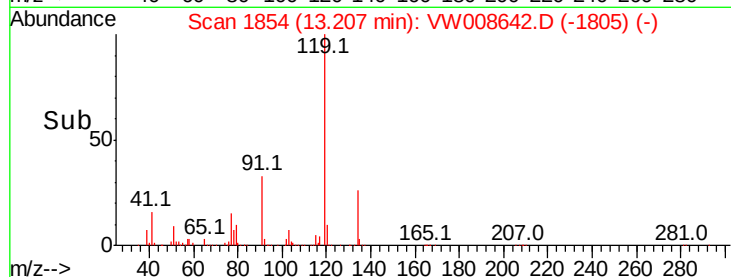
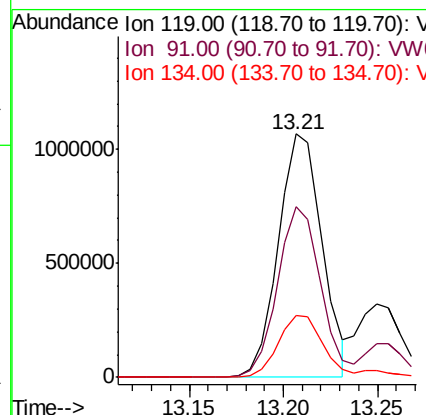
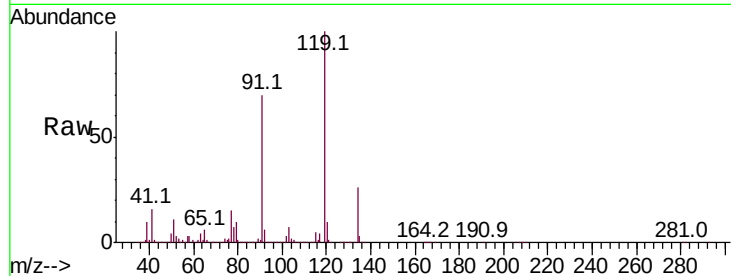
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.0	102.0
134	27.9	13.6	40.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 104.554 ug/l

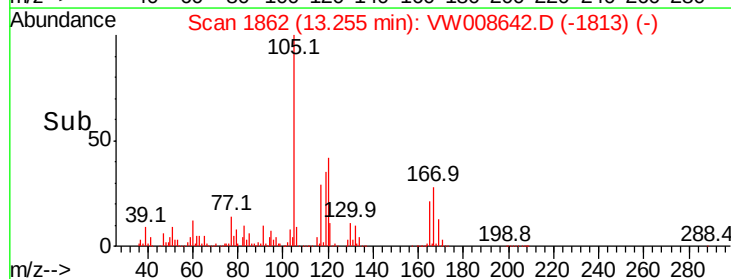
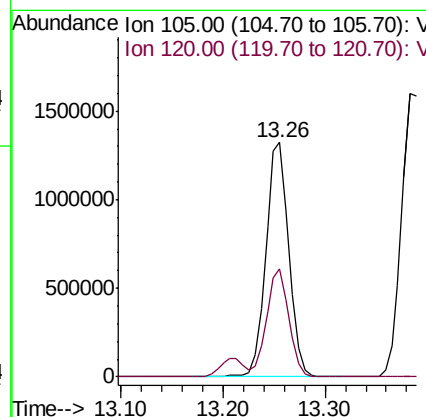
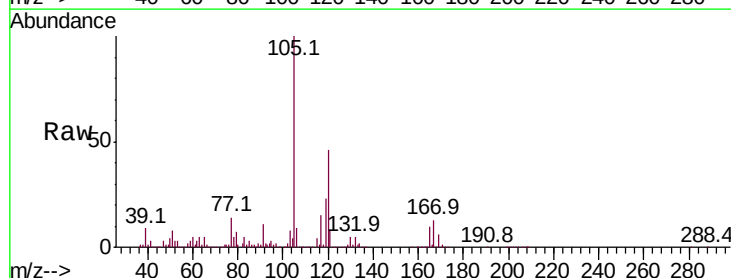
RT: 13.26 min Scan# 1862

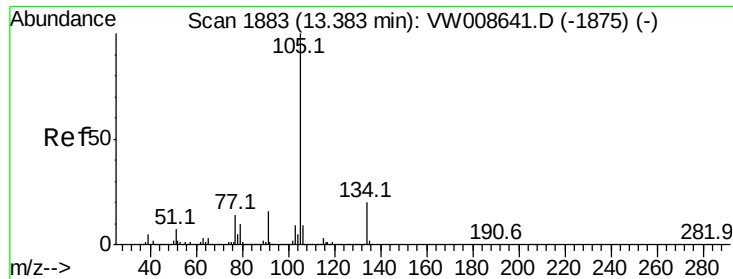
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 104.046 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2523283

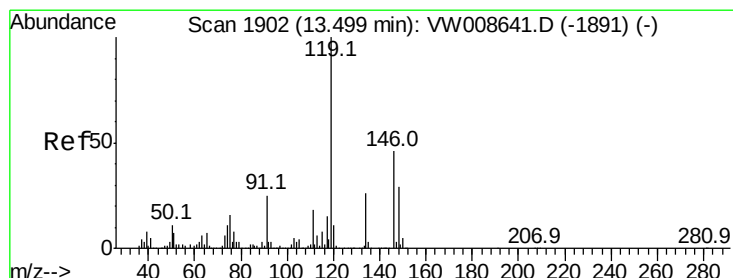
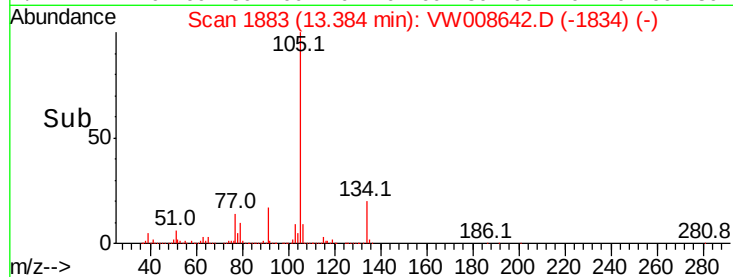
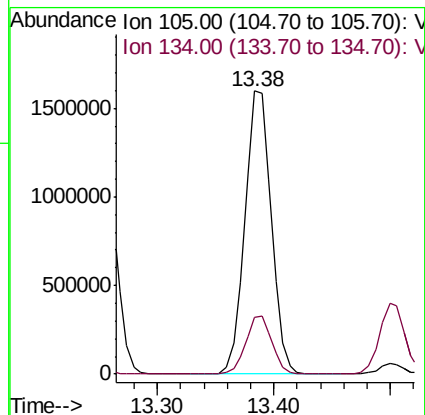
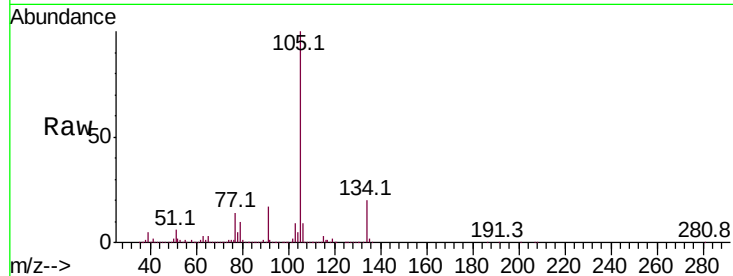
Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 104.244 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

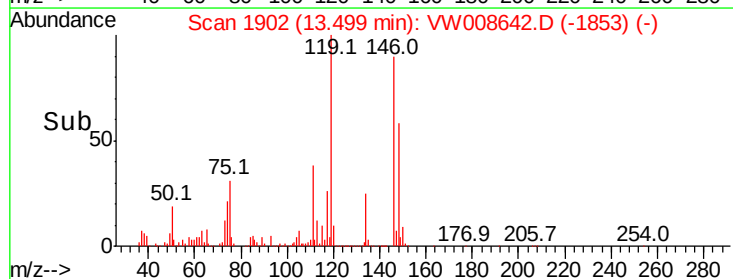
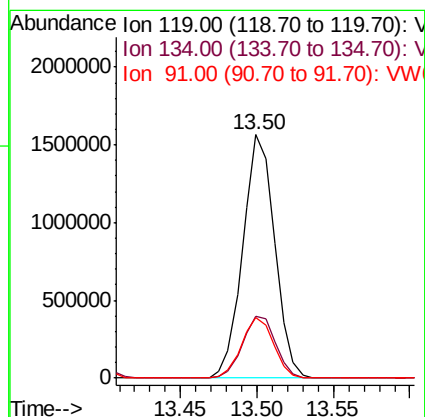
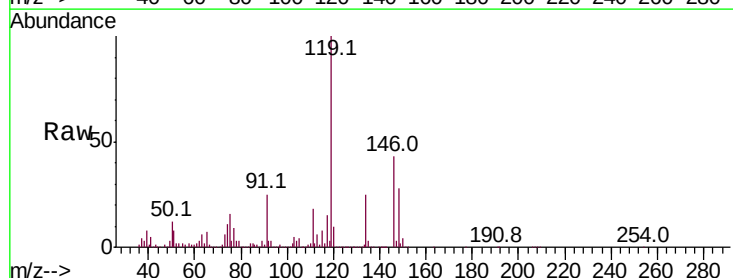
Tgt Ion:119 Resp: 2261634

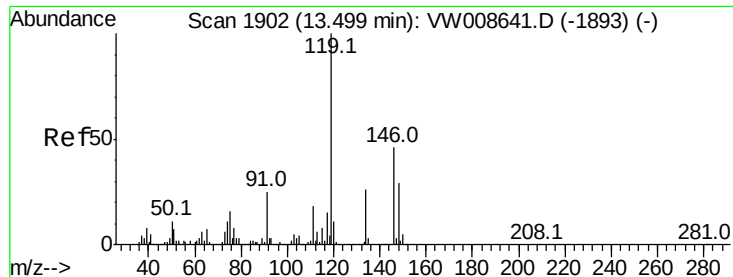
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 25.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 101.496 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

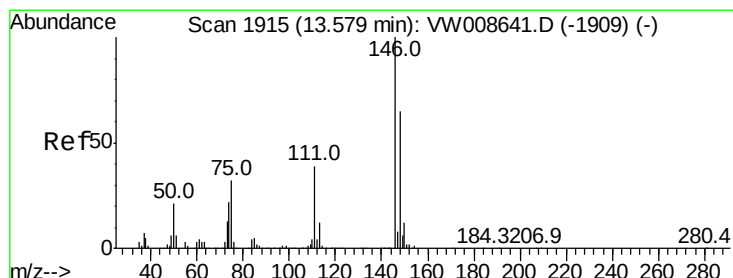
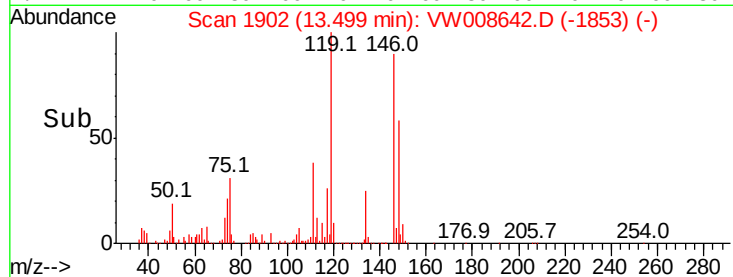
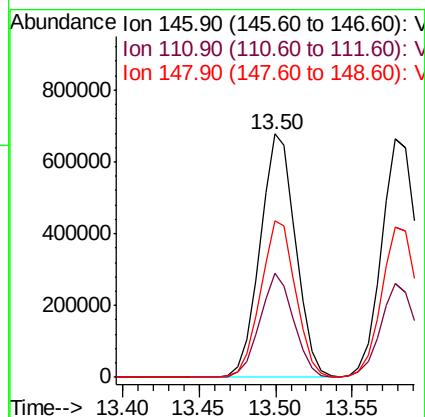
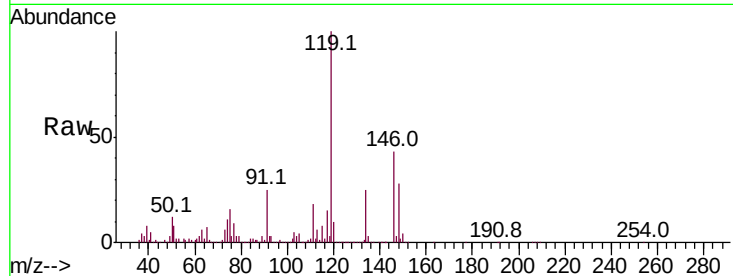
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.4	58.1
148	63.9	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 100.951 ug/l

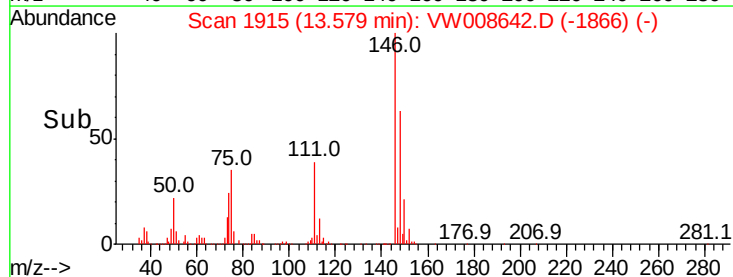
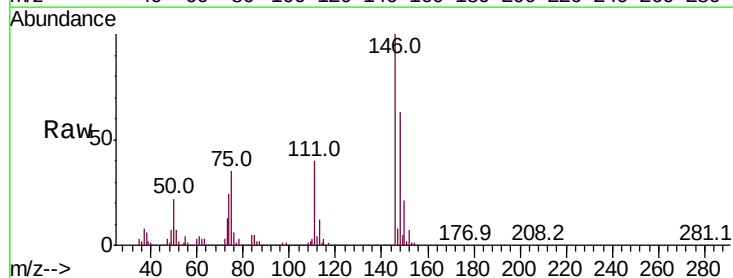
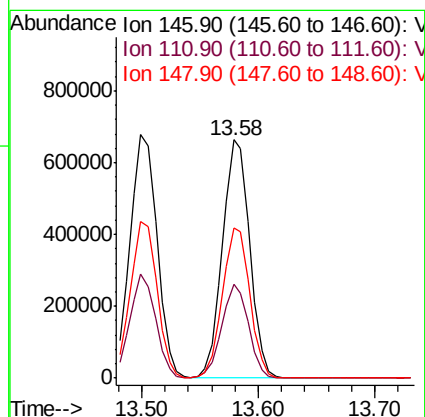
RT: 13.58 min Scan# 1915

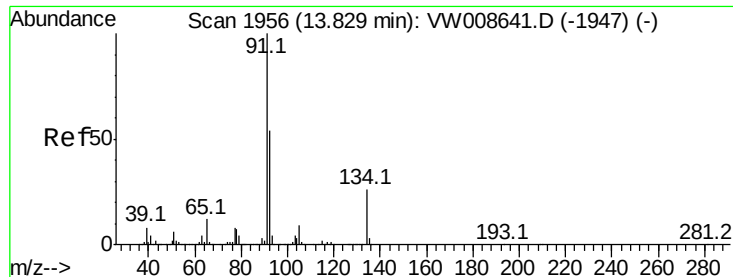
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.5	31.8	95.4





#89

n-Butylbenzene

Concen: 104.401 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Instrument :

MSVOA_W

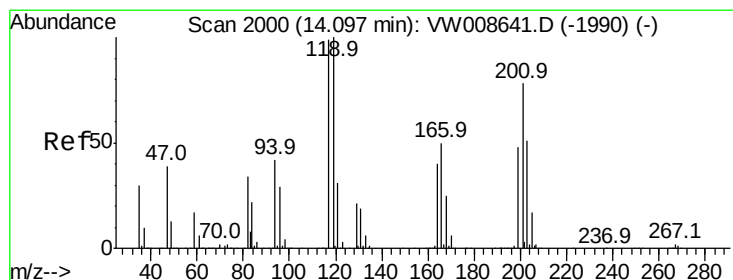
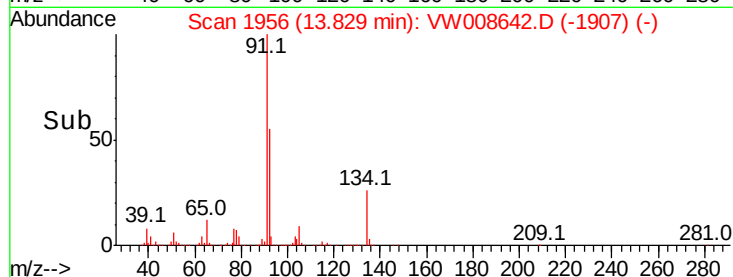
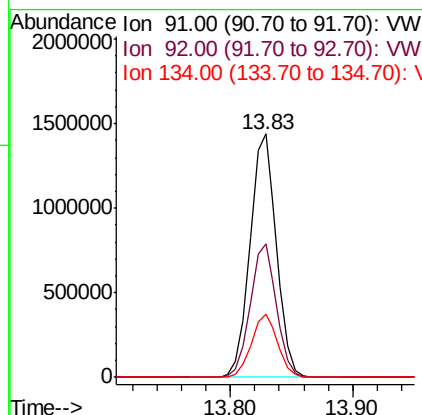
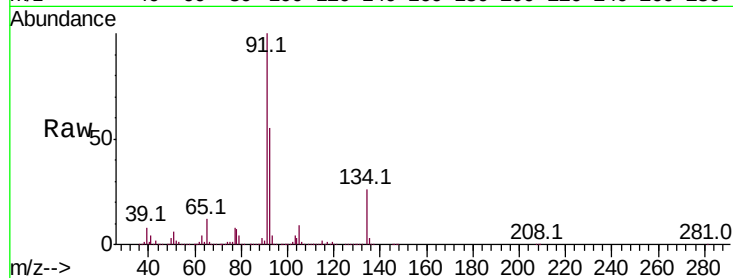
ClientSampleId :

VSTDIC100

Tot Ion:	91	Resp:	2152411
Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.8	80.4
134	25.7	13.0	39.0

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#90

Hexachloroethane

Concen: 107.844 ug/l

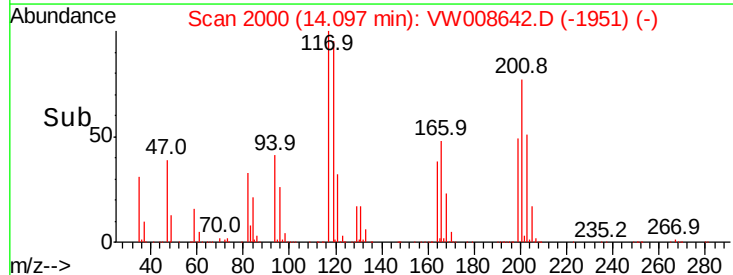
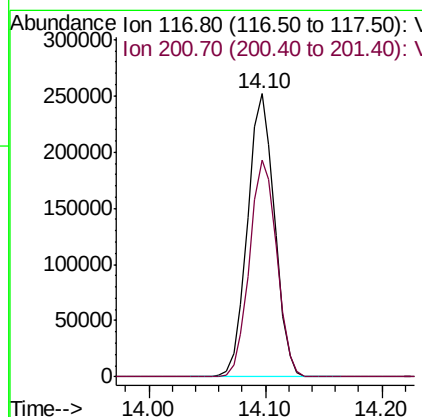
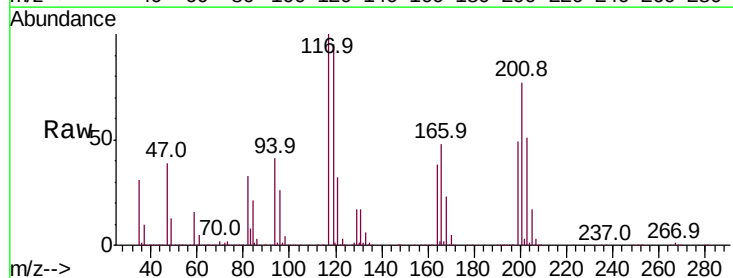
RT: 14.10 min Scan# 2000

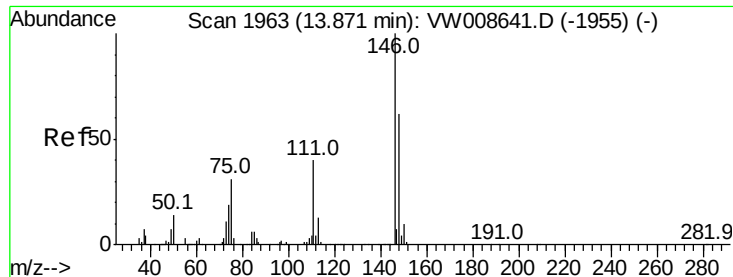
Delta R.T. 0.00 min

Lab File: VW008642.D

Acq: 13 Feb 2019 16:03

Tgt Ion:	117	Resp:	408773
Ion	Ratio	Lower	Upper
117	100		
201	77.4	38.7	116.1





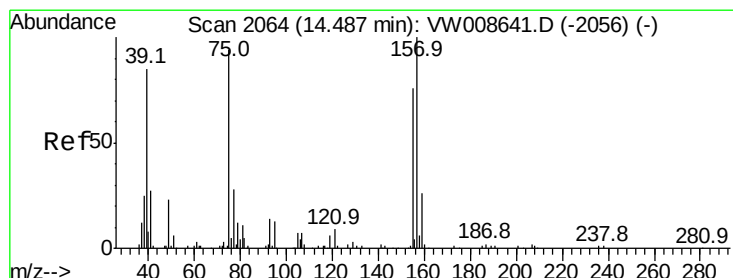
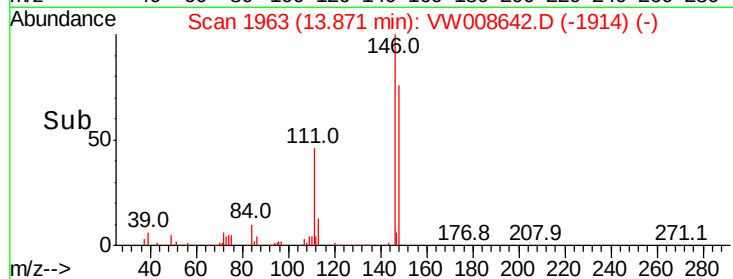
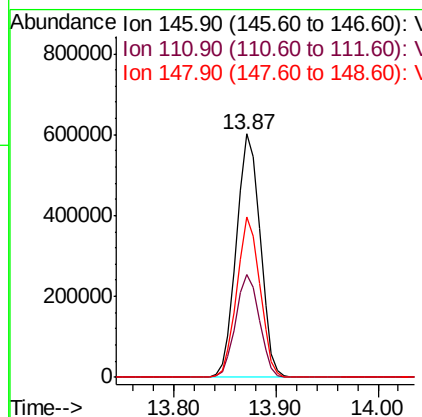
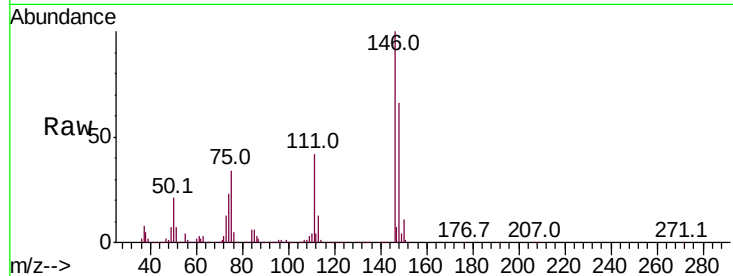
#91
1,2-Dichlorobenzene
Concen: 101.355 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	966328		
111	41.9	20.5	61.5	
148	63.8	31.6	94.8	

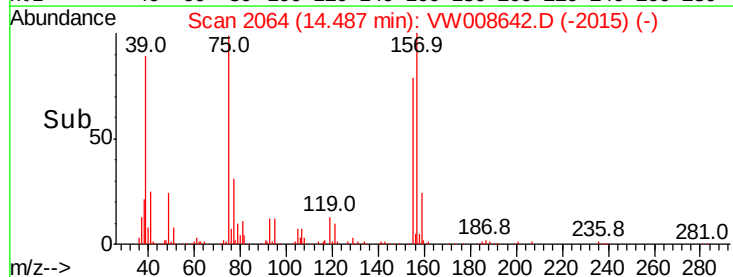
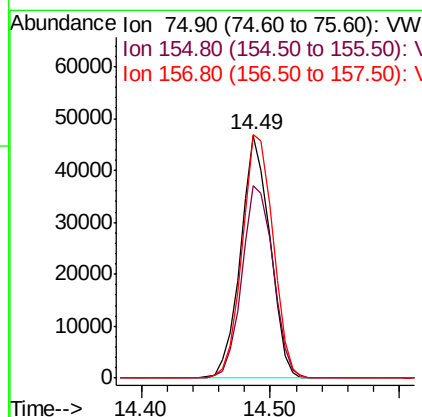
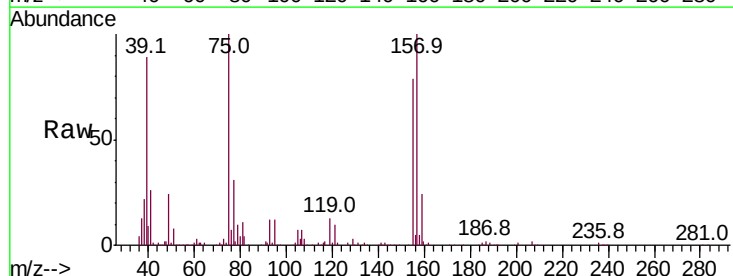
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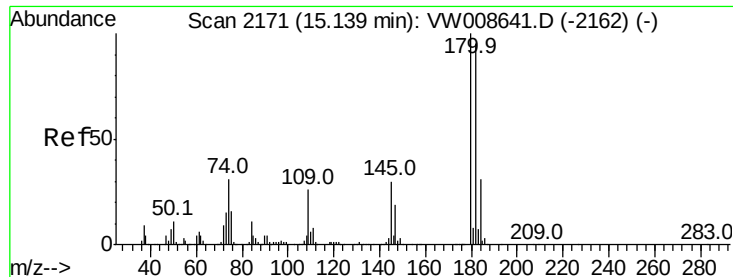
MMDadoda
2/14/2019 2:09:04 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 105.293 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73516		
155	84.0	41.8	125.4	
157	105.1	53.8	161.4	





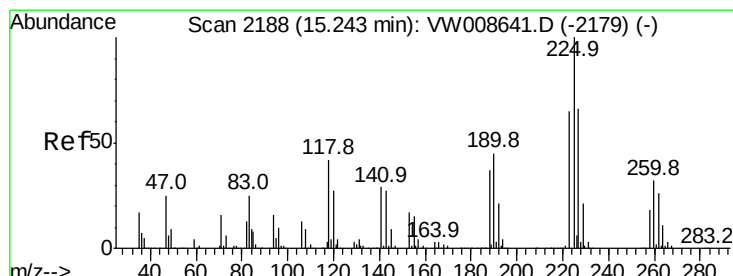
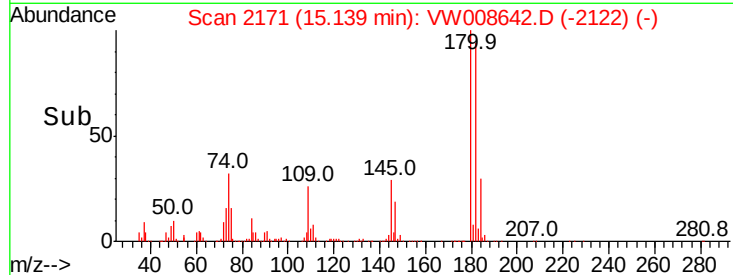
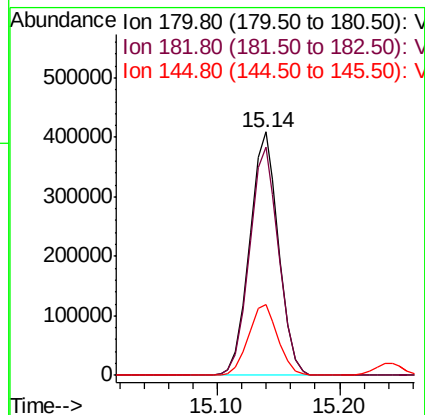
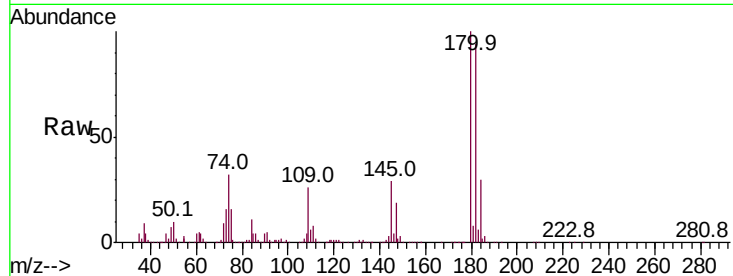
#93
 1,2,4-Trichlorobenzene
 Concen: 98.433 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	668046
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.5
145	29.8	15.1	45.3

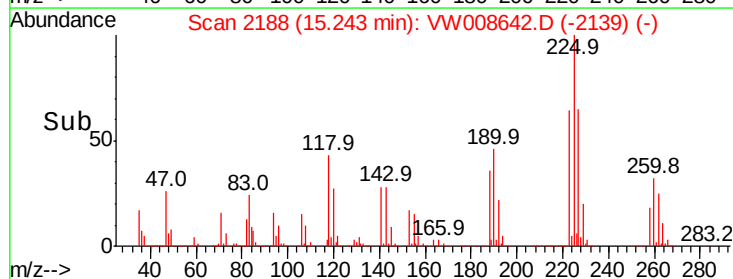
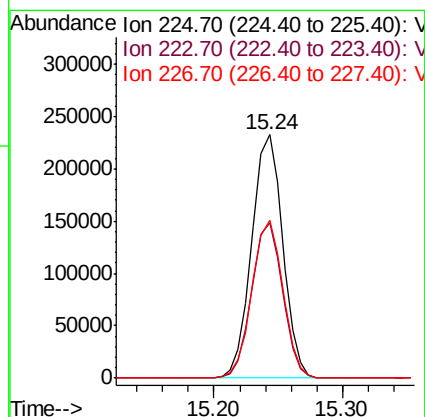
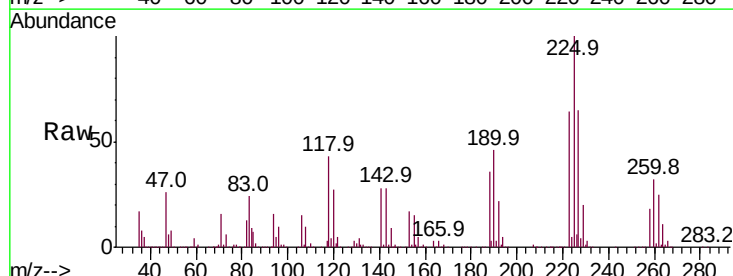
Manual Integrations
 APPROVED

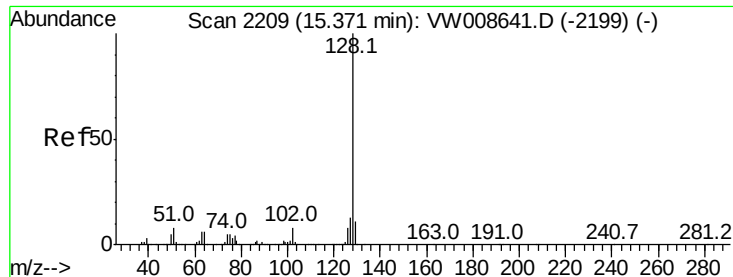
MMDadoda
 2/14/2019 2:09:04 PM



#94
 Hexachlorobutadiene
 Concen: 97.674 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008642.D
 Acq: 13 Feb 2019 16:03

Tgt Ion:	225	Resp:	385870
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.4	94.3
227	64.8	32.4	97.0





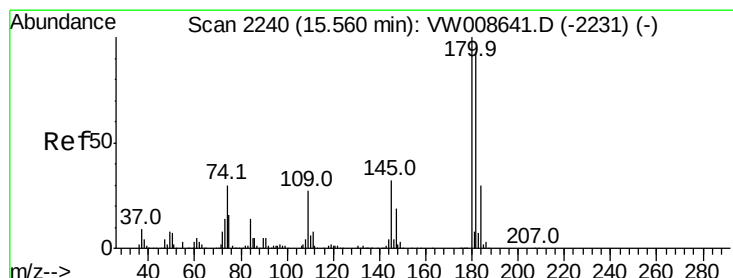
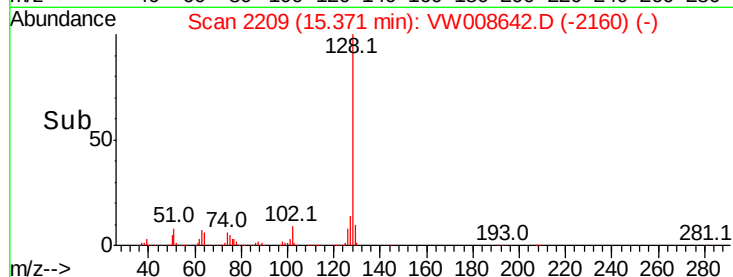
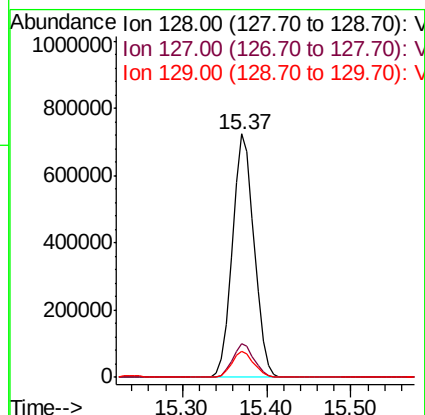
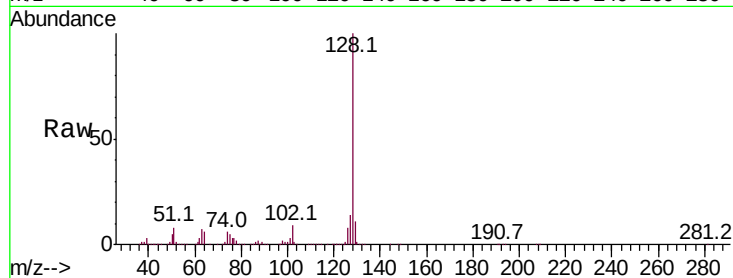
#95
Naphthalene
Concen: 103.840 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/14/2019 2:09:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 99.291 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008642.D
Acq: 13 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.5
145	32.1	15.9	47.7

