

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011513.D
 Acq On : 26 Jul 2019 13:17
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:17:48 AM

Quant Time: Jul 27 00:22:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	289373	101.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.62%	
35) Dibromofluoromethane	7.88	113	232615	102.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.70%	
50) Toluene-d8	10.32	98	961524	103.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.66%	
62) 4-Bromofluorobenzene	12.62	95	341822	103.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	136904	98.751	ug/l	96
3) Chloromethane	2.21	50	221893	92.303	ug/l	100
4) Vinyl Chloride	2.36	62	276667	95.594	ug/l	99
5) Bromomethane	2.77	94	151765	94.736	ug/l	100
6) Chloroethane	2.92	64	164927	99.761	ug/l	99
7) Trichlorofluoromethane	3.25	101	136033	105.170	ug/l	98
8) Diethyl Ether	3.68	74	151853	103.545	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	240986	98.215	ug/l	100
10) Methyl Iodide	4.27	142	356399	102.784	ug/l	100
11) Tert butyl alcohol	5.16	59	104862	437.287	ug/l	99
12) 1,1-Dichloroethene	4.04	96	260530	100.564	ug/l	99
13) Acrolein	3.89	56	99123	483.630	ug/l	100
14) Allyl chloride	4.66	41	582699	105.750	ug/l	99
15) Acrylonitrile	5.36	53	378288	516.730	ug/l	99
16) Acetone	4.11	43	461881	508.334	ug/l	100
17) Carbon Disulfide	4.38	76	827087	102.003	ug/l	100
18) Methyl Acetate	4.66	43	209820	102.793	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	411623	100.124	ug/l	100
20) Methylene Chloride	4.92	84	286236	91.343	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	281336	100.727	ug/l	96
22) Diisopropyl ether	6.31	45	1052502	101.313	ug/l	99
23) Vinyl Acetate	6.25	43	3416404	523.366	ug/l	99
24) 1,1-Dichloroethane	6.21	63	565340	101.610	ug/l	99
25) 2-Butanone	7.16	43	614884	517.164	ug/l	99
26) 2,2-Dichloropropane	7.16	77	310998	90.890	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	309010	100.524	ug/l	99
28) Bromochloromethane	7.51	49	241571	97.819	ug/l #	99
29) Tetrahydrofuran	7.52	42	355218	522.675	ug/l	99
30) Chloroform	7.67	83	506119	98.601	ug/l	98
31) Cyclohexane	7.95	56	500073	93.633	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	397155	101.597	ug/l	100
36) 1,1-Dichloropropene	8.08	75	420475	99.821	ug/l	99
37) Ethyl Acetate	7.25	43	245574	101.333	ug/l	99
38) Carbon Tetrachloride	8.07	117	364164	100.988	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	469487	101.221	ug/l	100
40) Benzene	8.32	78	1182448	100.217	ug/l	100
41) Methacrylonitrile	7.48	41	156139	107.781	ug/l	96
42) 1,2-Dichloroethane	8.40	62	371761	100.637	ug/l	99
43) Isopropyl Acetate	8.42	43	469984	105.451	ug/l	99
44) Trichloroethene	9.09	130	288230	101.639	ug/l	99
45) 1,2-Dichloropropane	9.37	63	321563	101.858	ug/l	99
46) Dibromomethane	9.46	93	146076	101.378	ug/l	99
47) Bromodichloromethane	9.65	83	394575	104.394	ug/l	100
48) Methyl methacrylate	9.43	41	232049	108.387	ug/l	99
49) 1,4-Dioxane	9.45	88	43992	2108.573	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1223976	527.974	ug/l	100
52) Toluene	10.39	92	726936	102.022	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	426180	107.940	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	499903	106.487	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	208854	102.157	ug/l	99
56) Ethyl methacrylate	10.65	69	328590	109.836	ug/l	100
57) 1,3-Dichloropropane	10.93	76	400764	103.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	622830	458.526	ug/l	100
59) 2-Hexanone	10.97	43	901324	550.650	ug/l	99
60) Dibromochloromethane	11.13	129	241201	106.286	ug/l	100
61) 1,2-Dibromoethane	11.23	107	199092	102.905	ug/l	99
64) Tetrachloroethene	10.86	164	234704	100.014	ug/l	98
65) Chlorobenzene	11.66	112	724028	99.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	258024	102.229	ug/l	99
67) Ethyl Benzene	11.73	91	1410935	102.238	ug/l	99
68) m/p-Xylenes	11.84	106	1022256	203.684	ug/l	100
69) o-Xylene	12.16	106	480685	103.067	ug/l	100
70) Styrene	12.18	104	841212	104.320	ug/l	100
71) Bromoform	12.35	173	137454	106.811	ug/l #	98
73) Isopropylbenzene	12.46	105	1321401	100.695	ug/l	100
74) N-amyl acetate	12.27	43	445719	108.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	250586	101.518	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	178036m	95.338	ug/l	
77) Bromobenzene	12.75	156	294272	101.454	ug/l	100
78) n-propylbenzene	12.80	91	1612256	100.952	ug/l	100
79) 2-Chlorotoluene	12.89	91	922890	100.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1112439	101.129	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89399	110.696	ug/l	98
82) 4-Chlorotoluene	12.99	91	955490	98.980	ug/l	99
83) tert-Butylbenzene	13.21	119	935739	101.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1120238	101.094	ug/l	100
85) sec-Butylbenzene	13.38	105	1321702	100.697	ug/l	100
86) p-Isopropyltoluene	13.50	119	1204565	101.147	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	562583	98.919	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	557523	98.545	ug/l	100
89) n-Butylbenzene	13.82	91	1209023	101.731	ug/l	99
90) Hexachloroethane	14.10	117	221022	104.956	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	500028	99.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43864	104.209	ug/l	99

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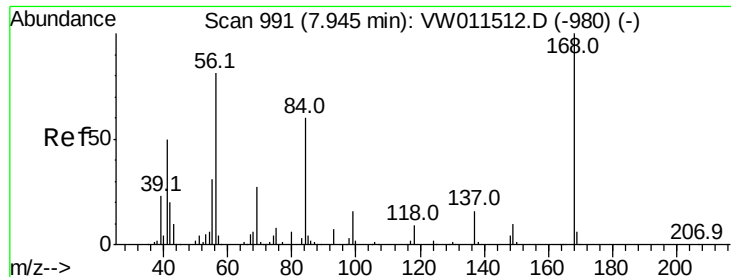
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	365350	103.058	ug/l	100
94) Hexachlorobutadiene	15.24	225	217541	98.399	ug/l	99
95) Naphthalene	15.37	128	692783	110.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	318491	102.491	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 248756

Ion Ratio Lower Upper

168 100

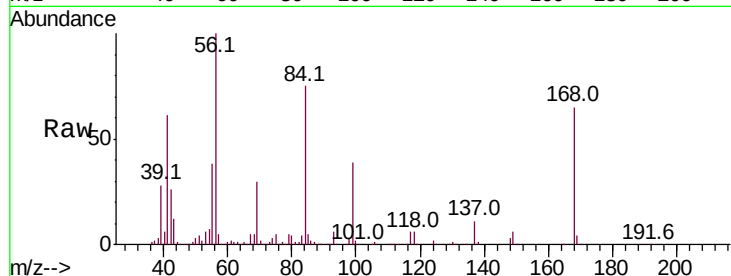
99 60.5 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

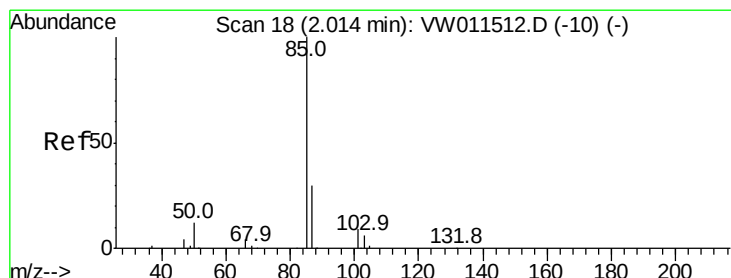
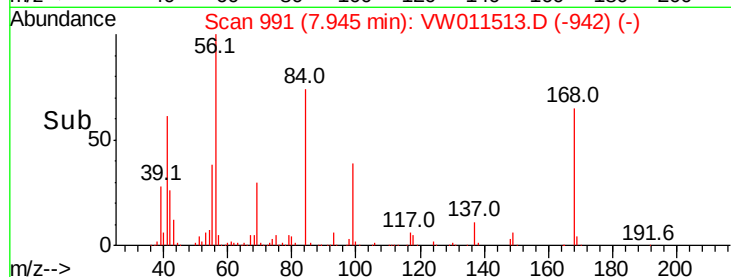
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 98.751 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011513.D

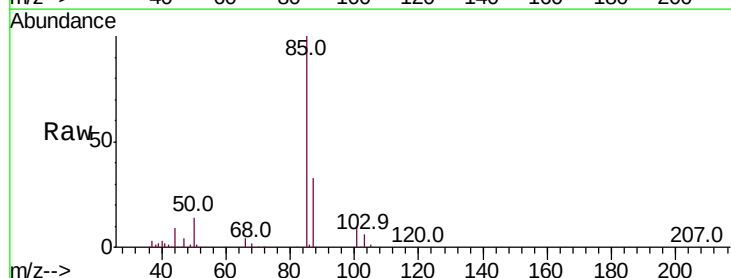
Acq: 26 Jul 2019 13:17

Tgt Ion: 85 Resp: 136904

Ion Ratio Lower Upper

85 100

87 32.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

30000

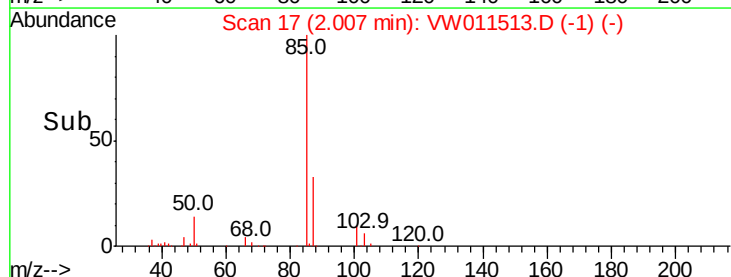
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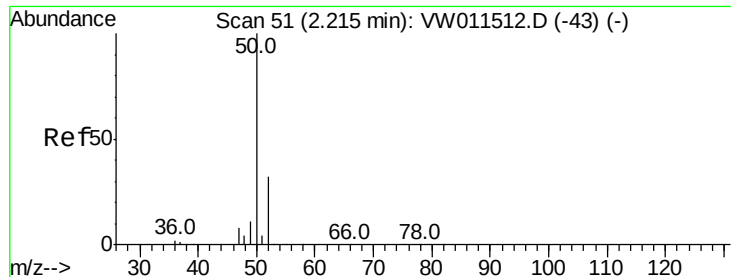
10000

0

1.80 2.00 2.20

Time-->





#3

Chloromethane

Concen: 92.303 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 221893

Ion Ratio Lower Upper

50 100

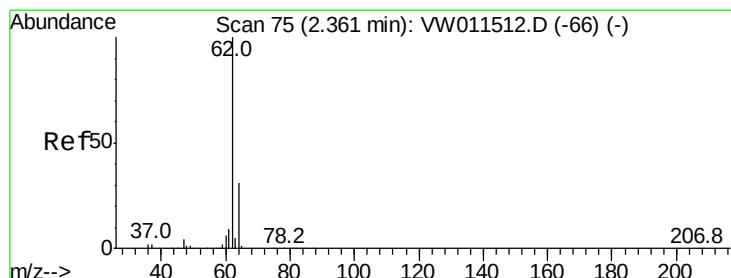
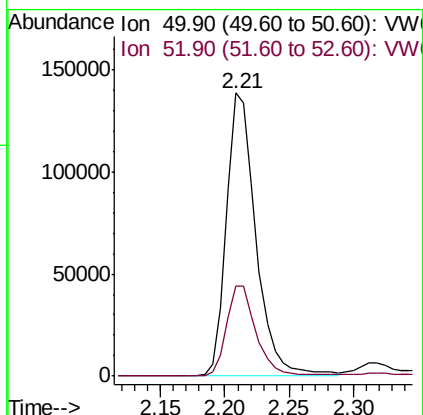
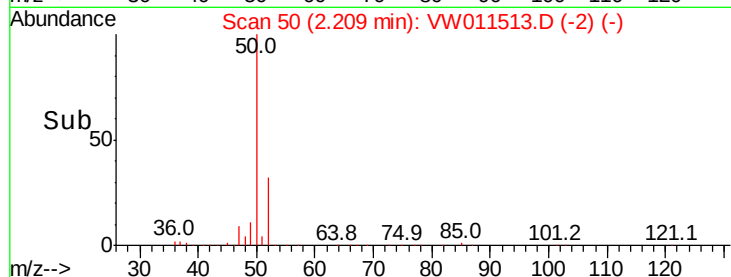
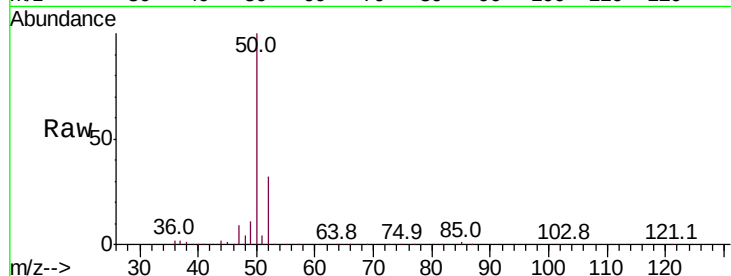
52 31.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 95.594 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011513.D

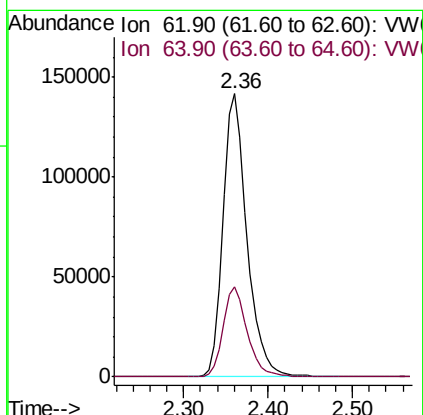
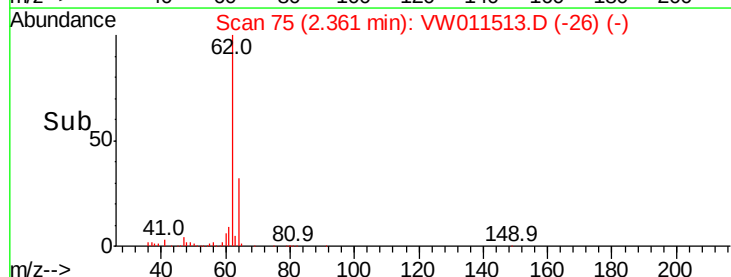
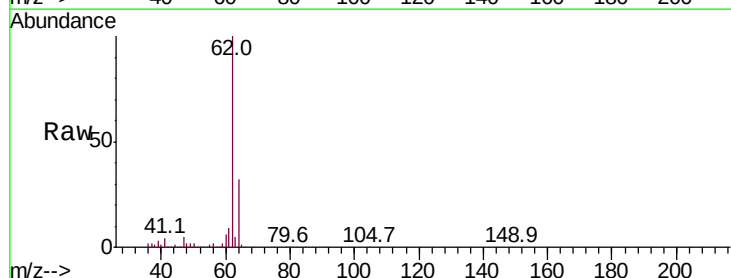
Acq: 26 Jul 2019 13:17

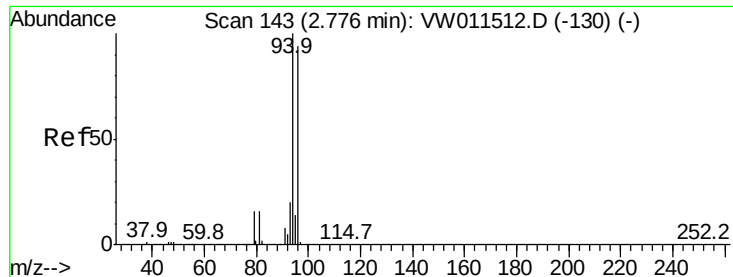
Tgt Ion: 62 Resp: 276667

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4





#5

Bromomethane

Concen: 94.736 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 151765

Ion Ratio Lower Upper

94 100

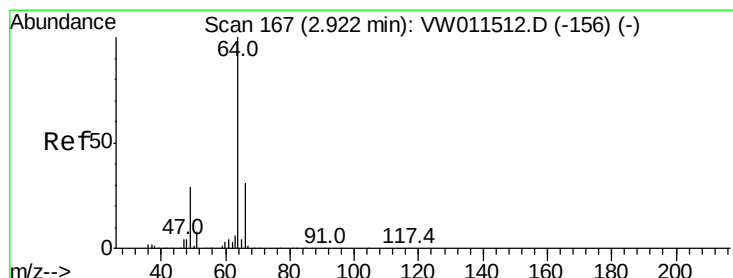
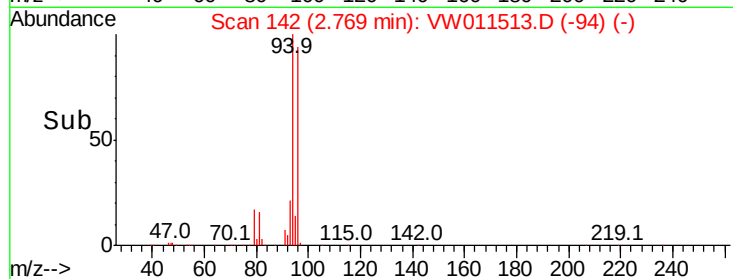
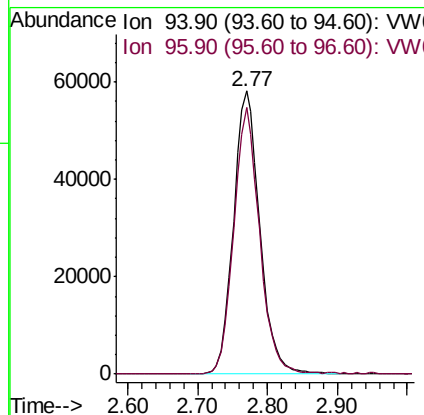
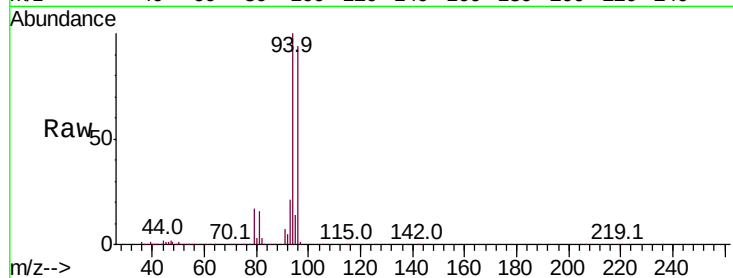
96 94.3 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 99.761 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011513.D

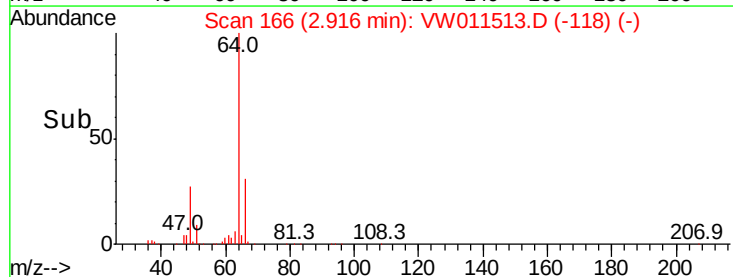
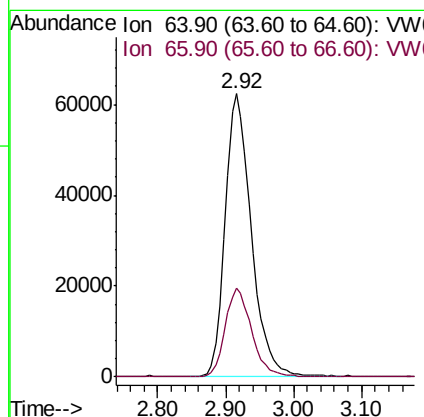
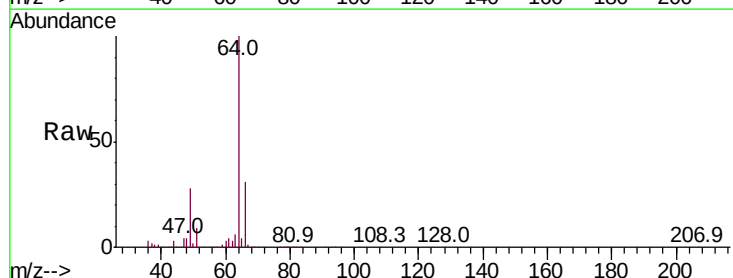
Acq: 26 Jul 2019 13:17

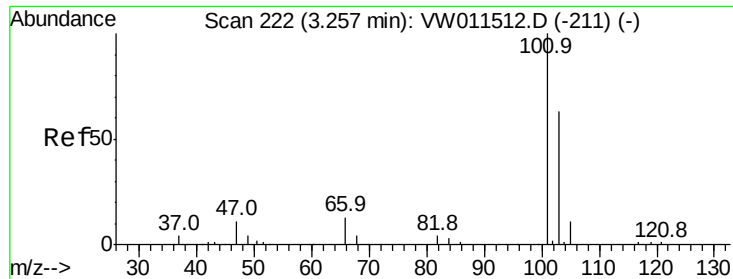
Tgt Ion: 64 Resp: 164927

Ion Ratio Lower Upper

64 100

66 31.4 24.6 36.8





#7

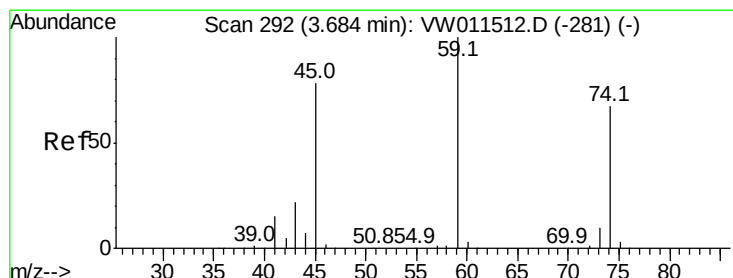
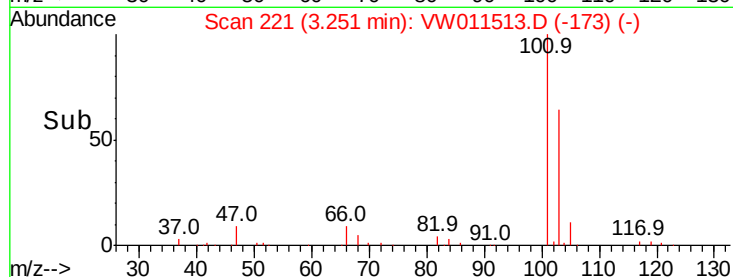
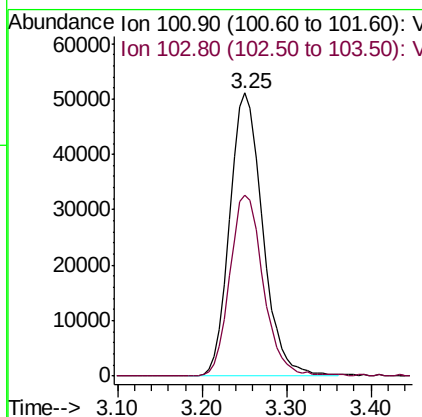
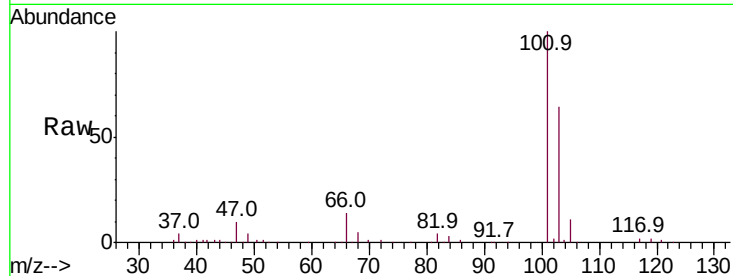
Trichlorofluoromethane
Concen: 105.170 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 136033
Ion Ratio Lower Upper
101 100
103 64.1 50.2 75.4

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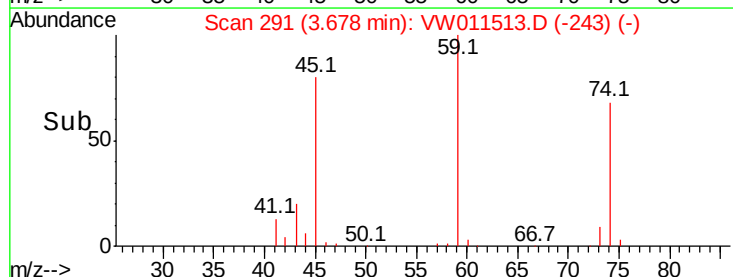
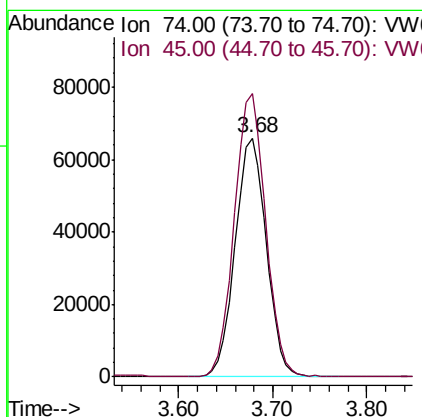
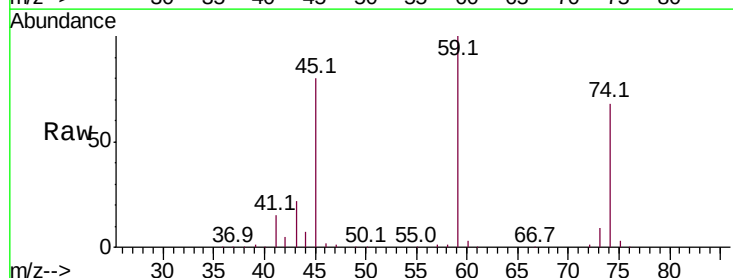
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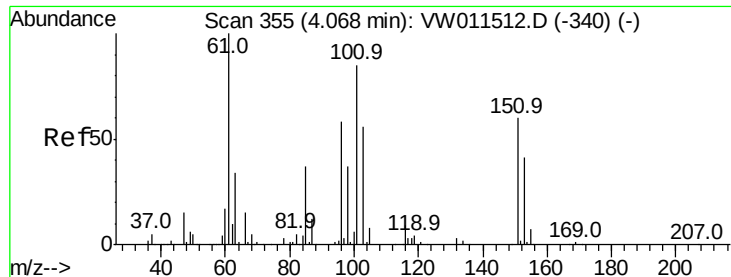


#8

Diethyl Ether
Concen: 103.545 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 74 Resp: 151853
Ion Ratio Lower Upper
74 100
45 118.6 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.215 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

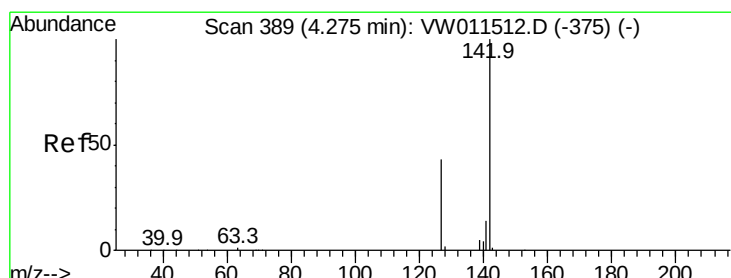
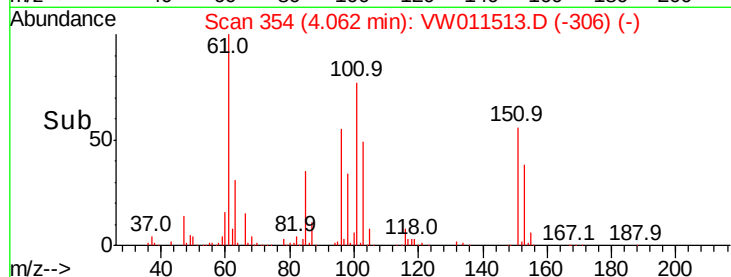
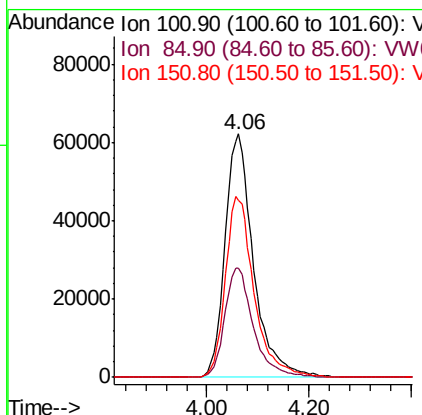
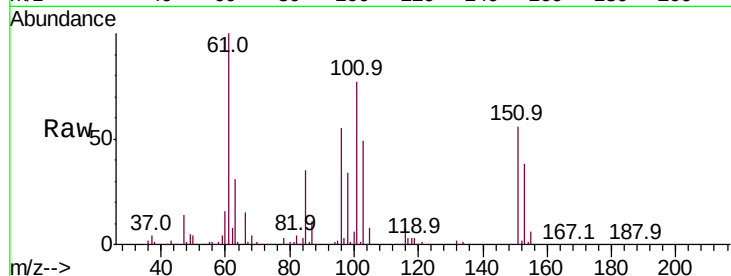
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	240986
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.6	54.8
151	75.1	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 102.784 ug/l

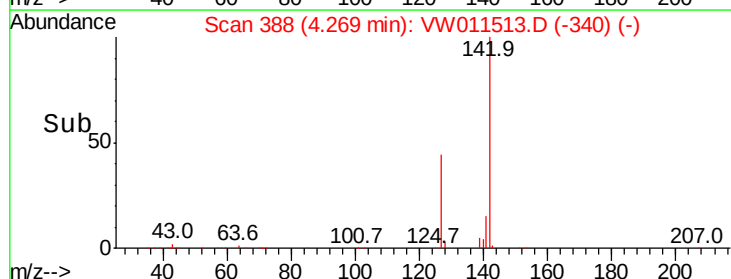
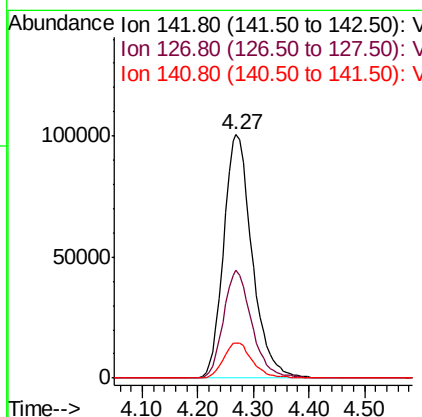
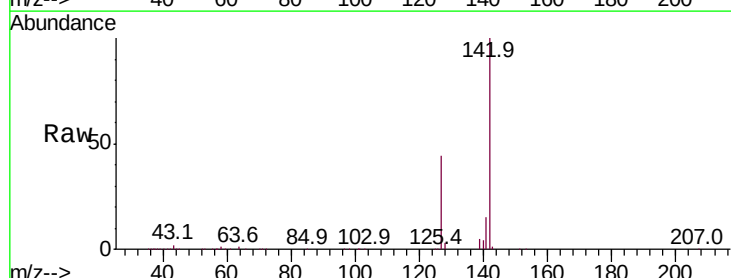
RT: 4.27 min Scan# 388

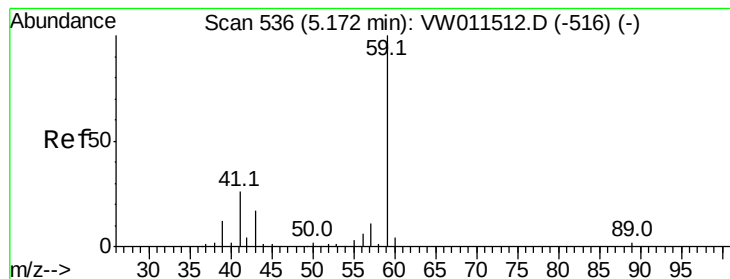
Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion:	142	Resp:	356399
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.0	52.6
141	14.7	11.9	17.9





#11

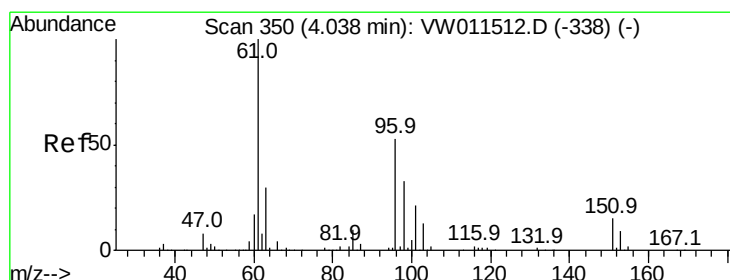
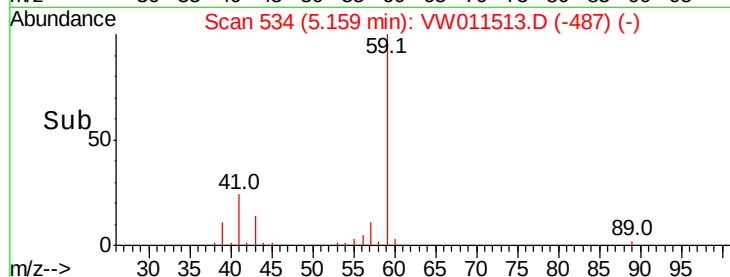
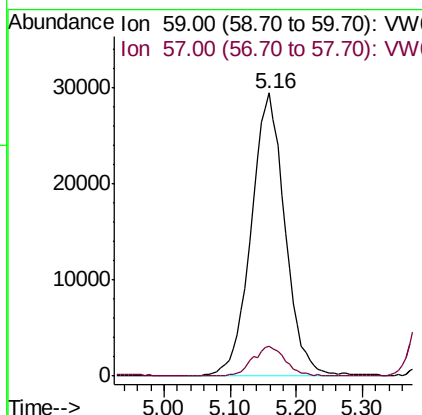
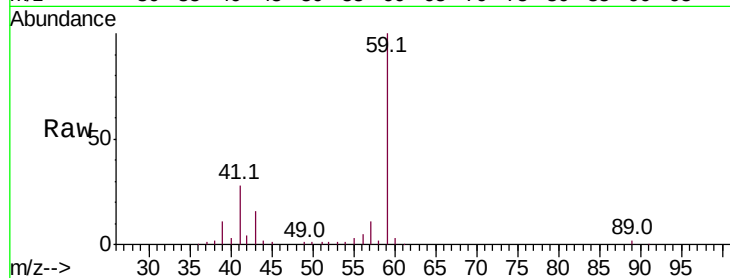
Tert butyl alcohol
Concen: 437.287 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	59	Resp	104862
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

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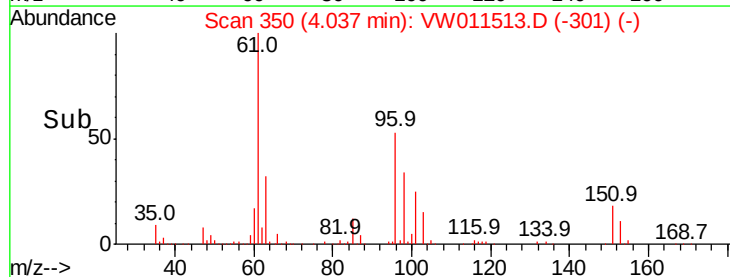
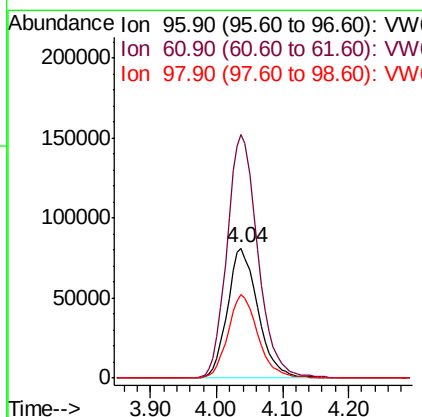
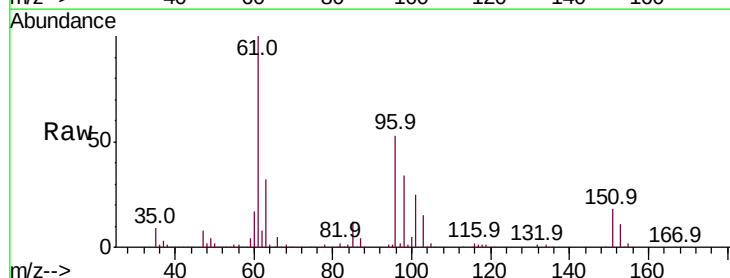
MMDadoda
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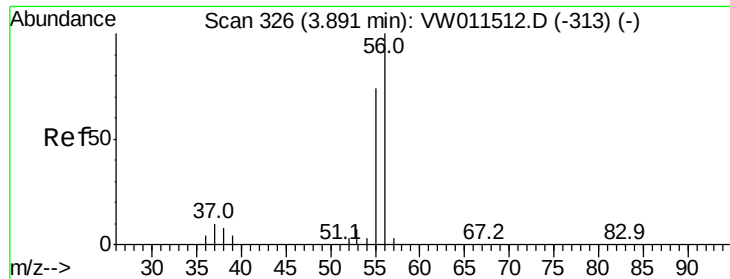


#12

1,1-Dichloroethene
Concen: 100.564 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	96	Resp	260530
Ion Ratio	100	Lower	Upper
61	187.2	149.9	224.9
98	64.5	49.1	73.7





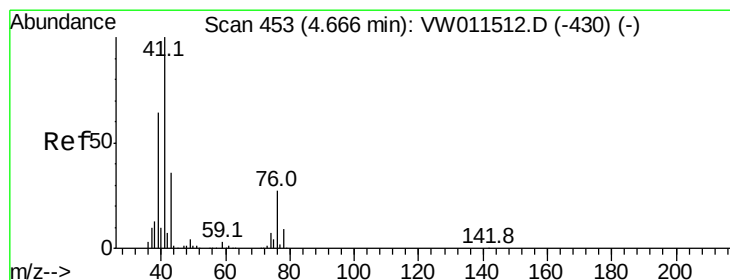
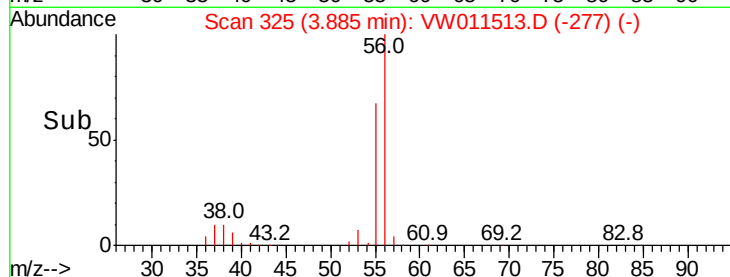
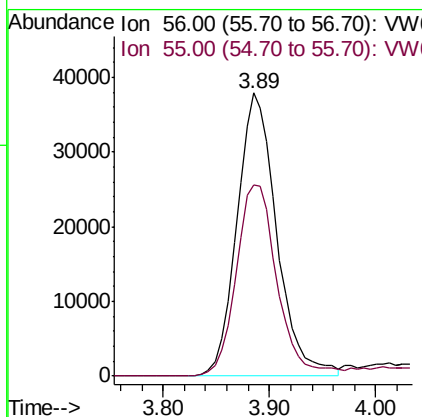
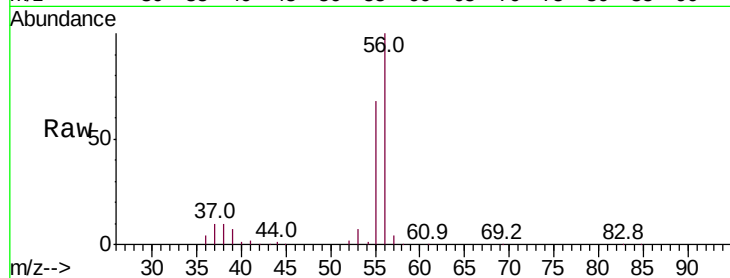
#13
Acrolein
Concen: 483.630 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.0	84.0

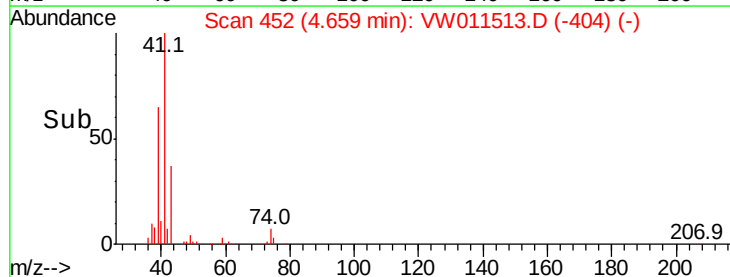
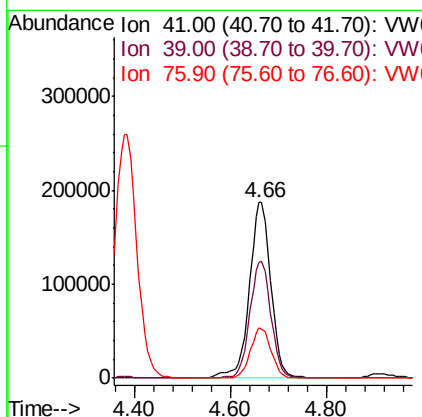
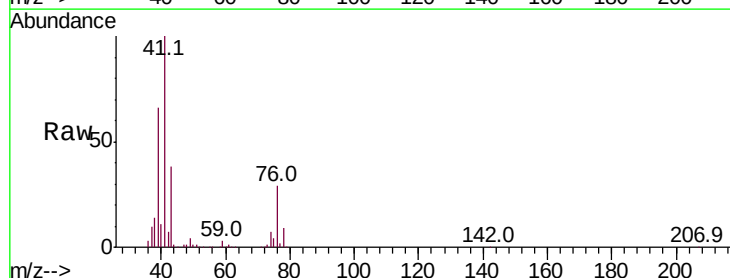
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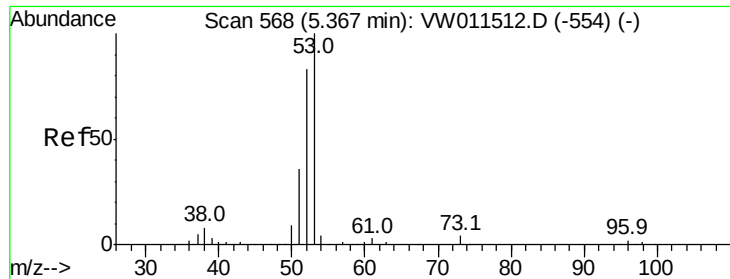
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#14
Allyl chloride
Concen: 105.750 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.2	52.6	78.8
76	27.1	22.0	33.0





#15

Acrylonitrile

Concen: 516.730 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 378288

Ion Ratio Lower Upper

53 100

52 84.2 67.2 100.8

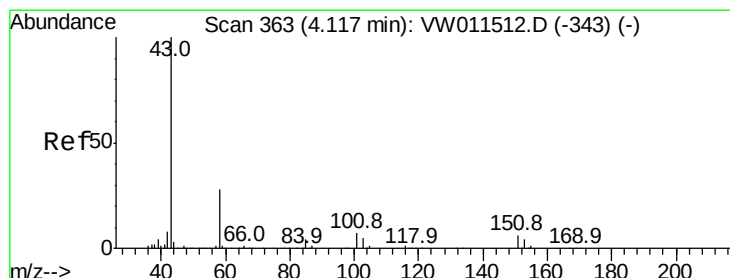
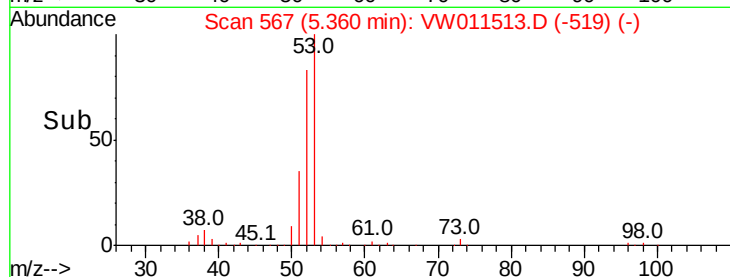
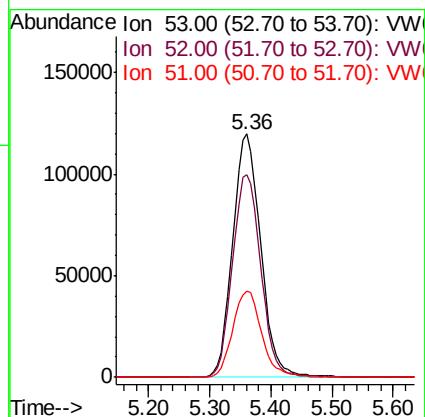
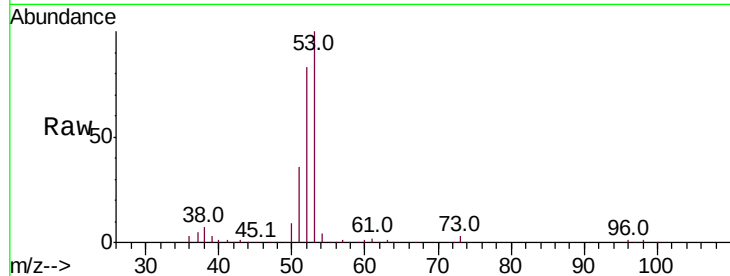
51 36.6 30.0 45.0

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#16

Acetone

Concen: 508.334 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011513.D

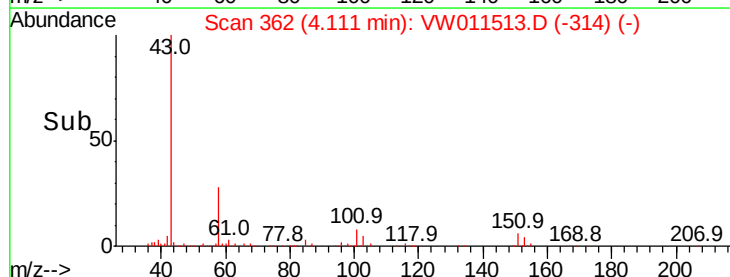
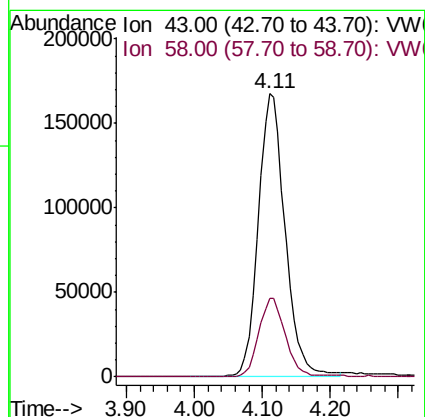
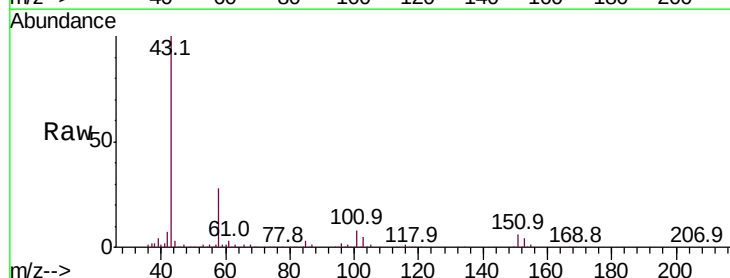
Acq: 26 Jul 2019 13:17

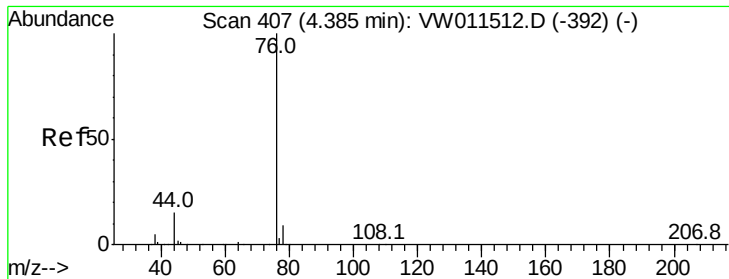
Tgt Ion: 43 Resp: 461881

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5





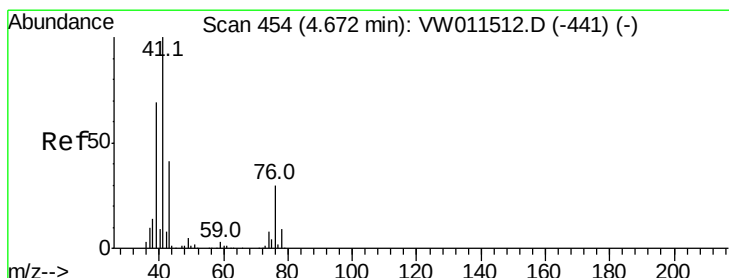
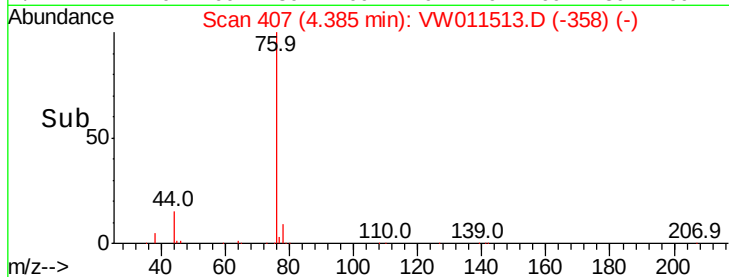
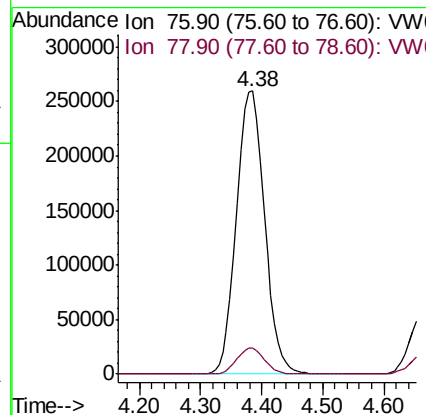
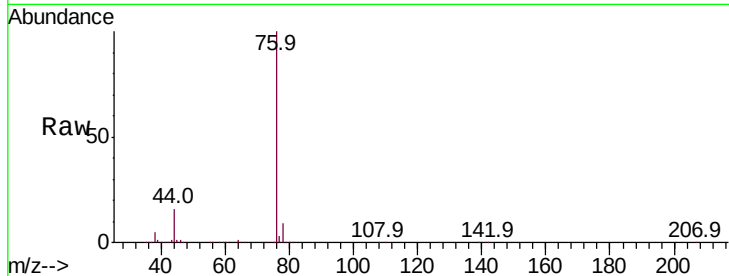
#17
Carbon Disulfide
Concen: 102.003 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

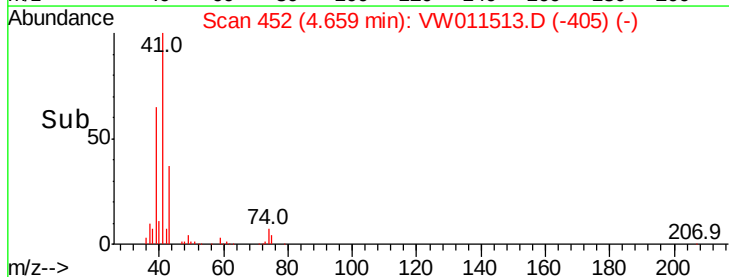
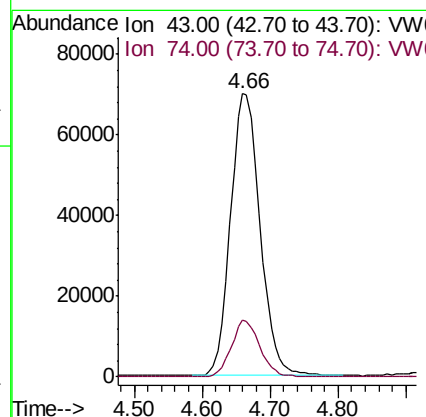
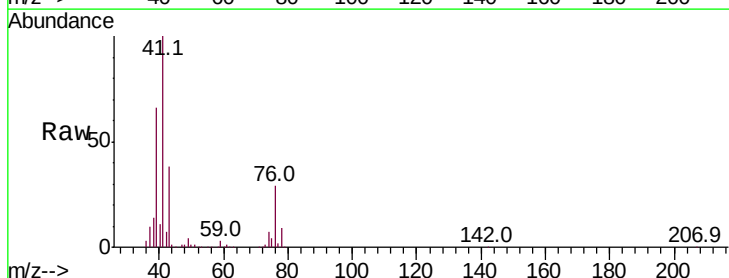
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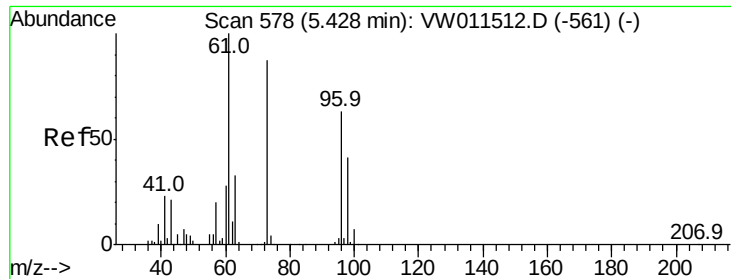
MMDadoda
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#18
Methyl Acetate
Concen: 102.793 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	15.9	23.9





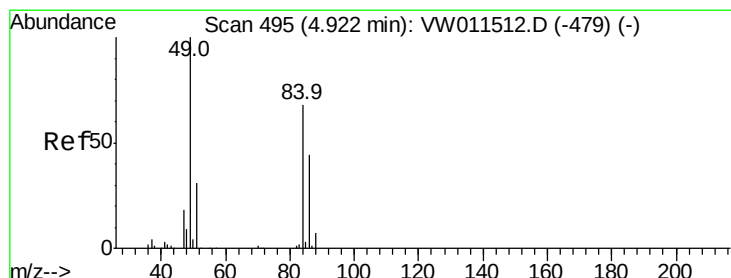
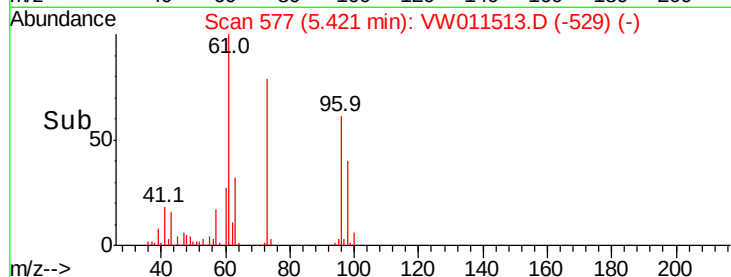
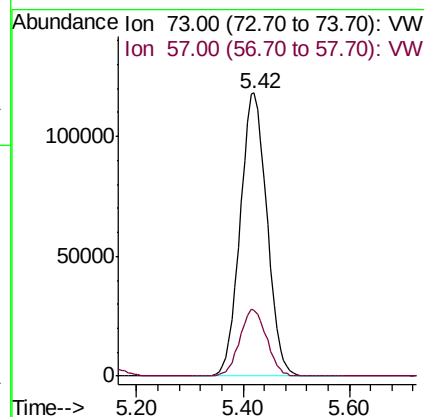
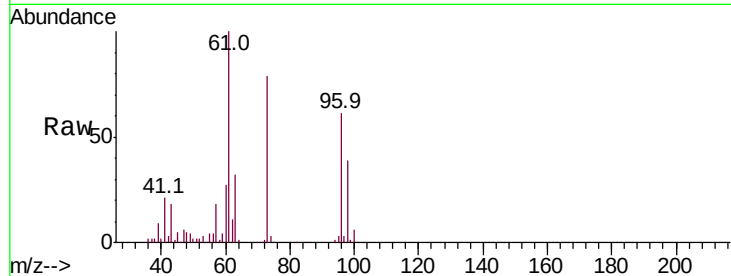
#19
Methyl tert-butyl Ether
Concen: 100.124 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 411623
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6

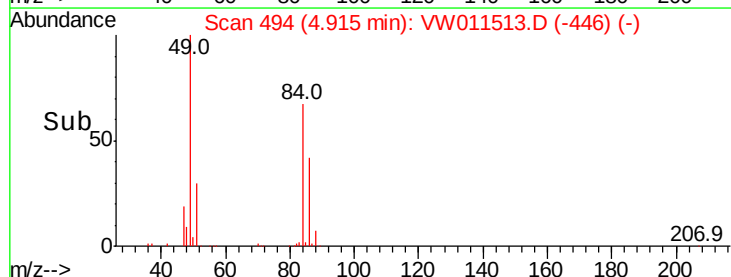
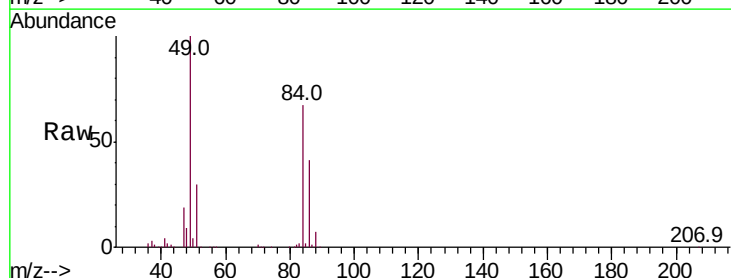
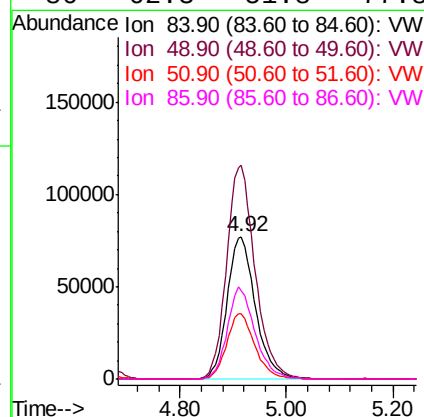
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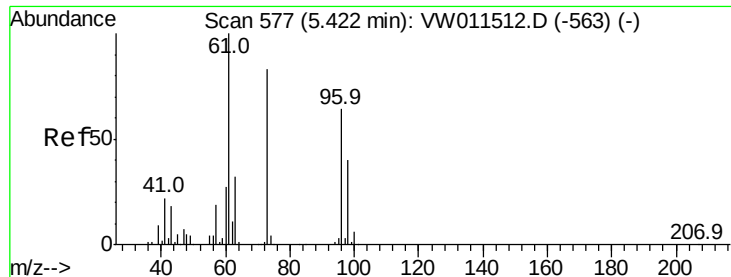
MMDadoda
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#20
Methylene Chloride
Concen: 91.343 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 84 Resp: 286236
Ion Ratio Lower Upper
84 100
49 150.0 117.8 176.6
51 45.5 37.0 55.4
86 62.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 100.727 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 281336

Ion Ratio Lower Upper

96 100

61 164.3 125.7 188.5

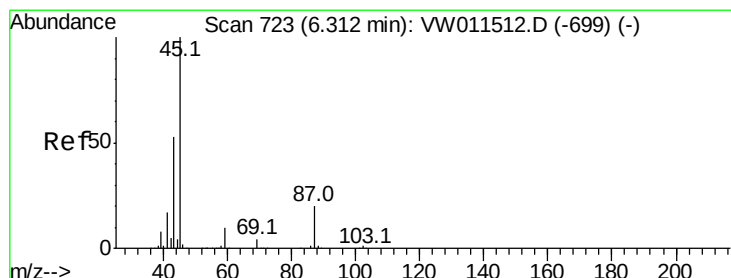
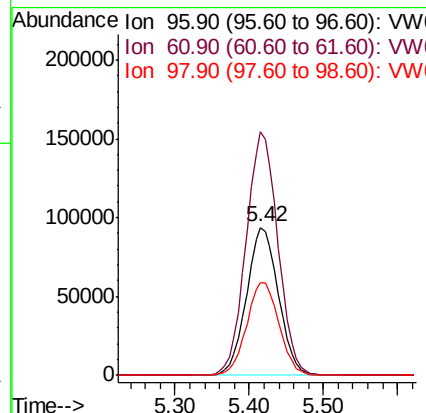
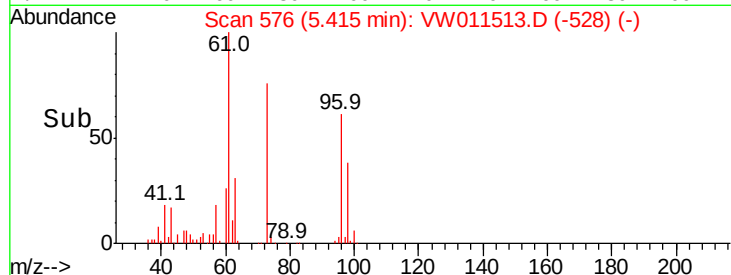
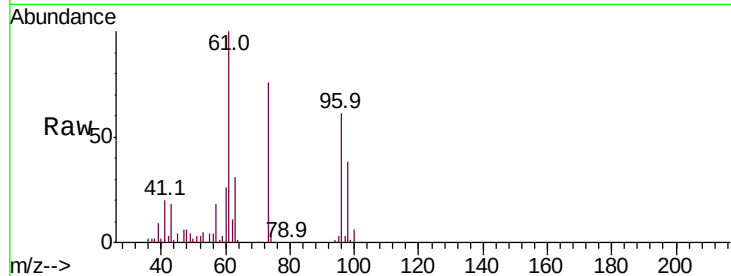
98 62.9 50.3 75.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 101.313 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion: 45 Resp: 1052502

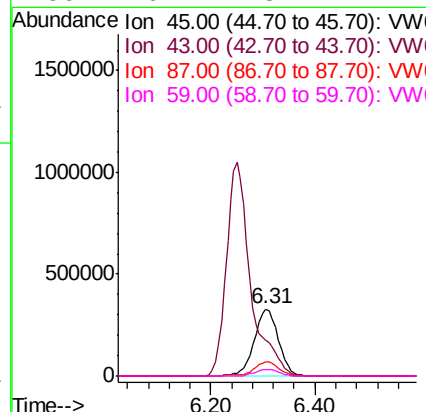
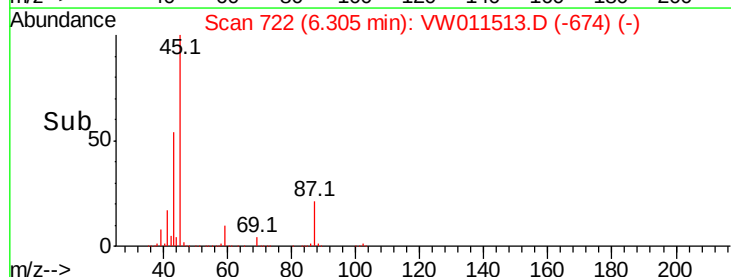
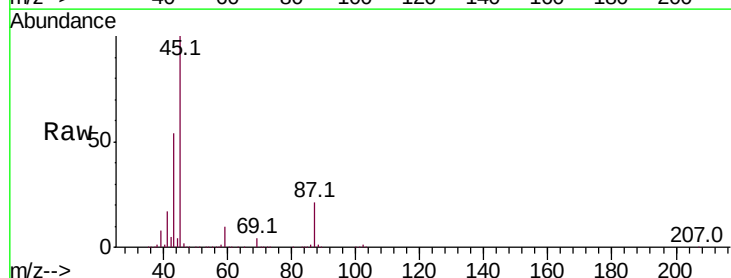
Ion Ratio Lower Upper

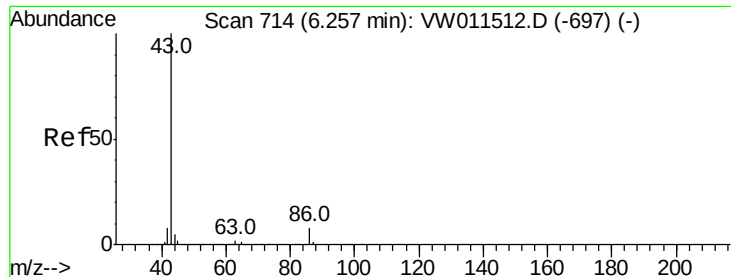
45 100

43 53.5 42.6 63.8

87 21.4 16.4 24.6

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 523.366 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3416404

Ion Ratio Lower Upper

43 100

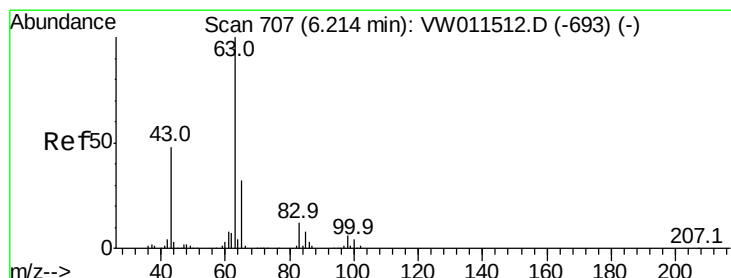
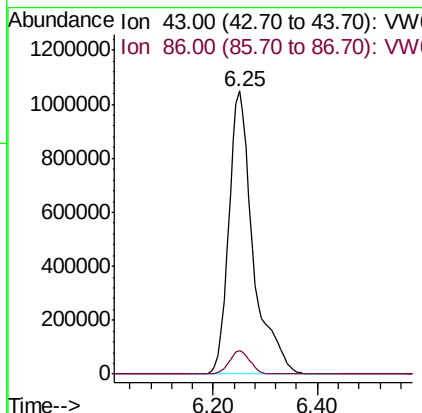
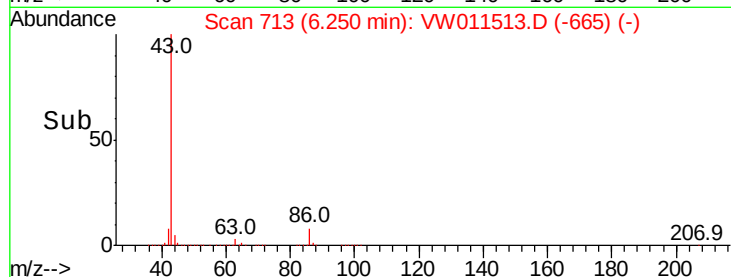
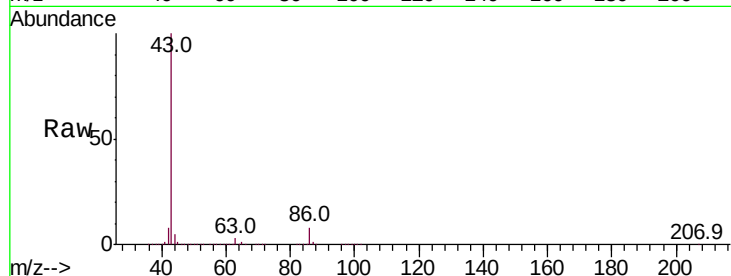
86 8.4 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 101.610 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

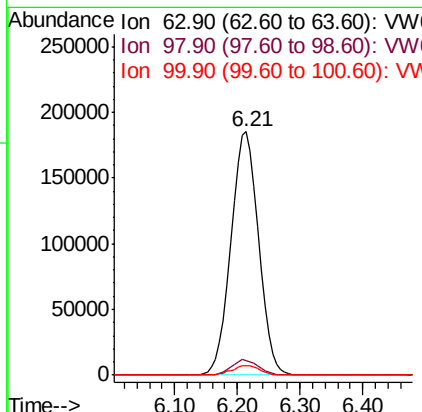
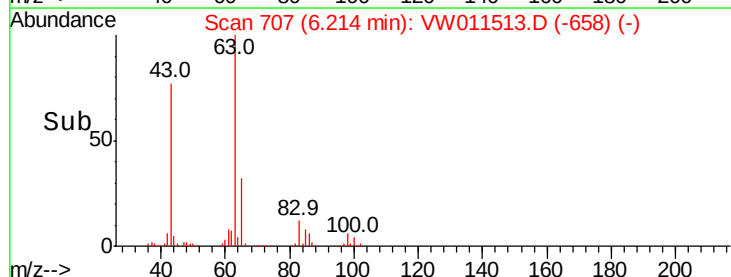
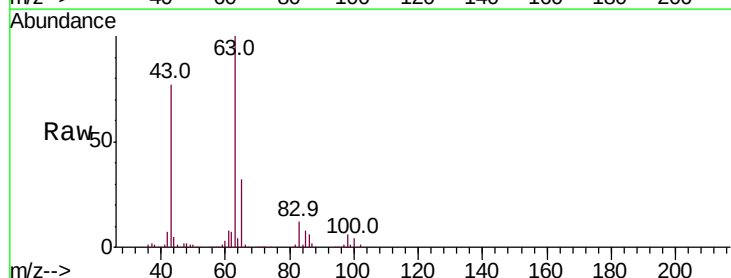
Tgt Ion: 63 Resp: 565340

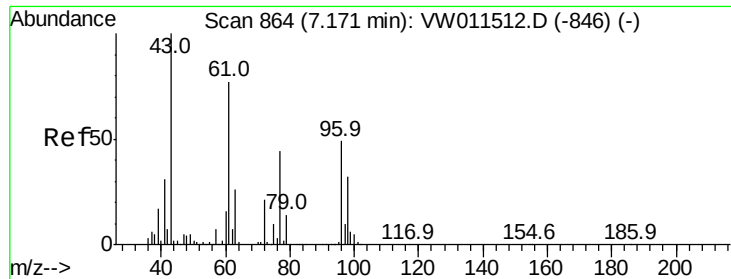
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 517.164 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 614884

Ion Ratio Lower Upper

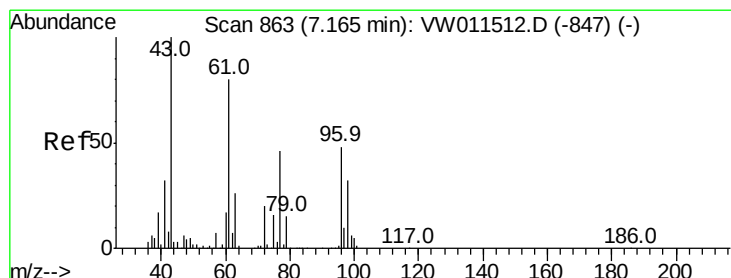
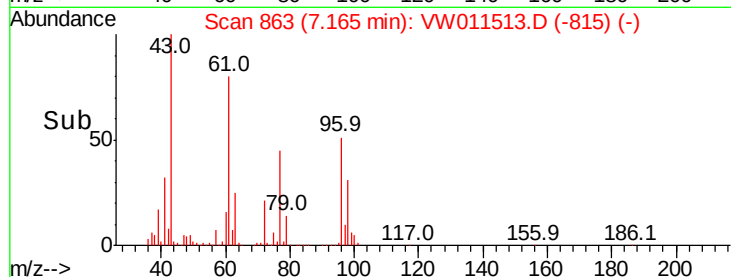
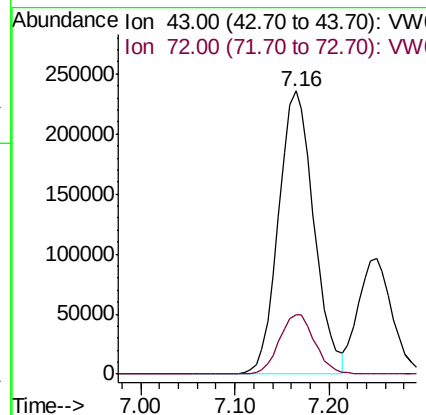
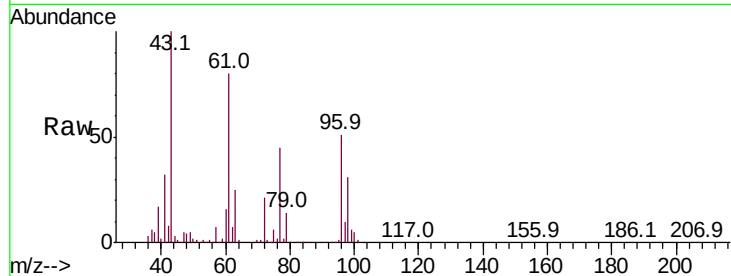
43 100

72 21.1 16.6 24.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 90.890 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011513.D

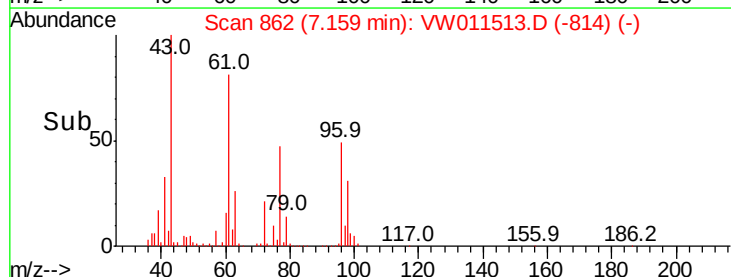
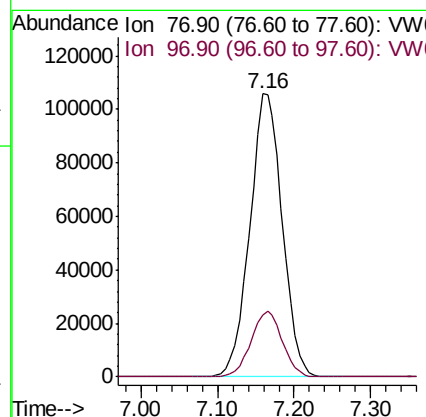
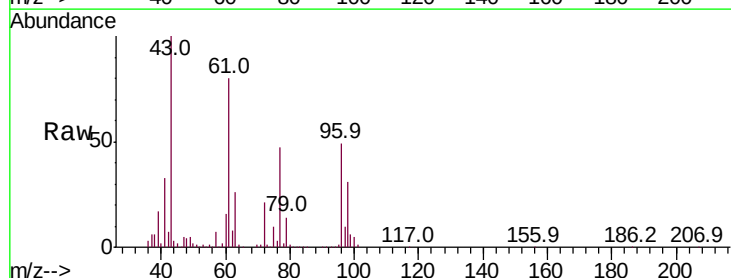
Acq: 26 Jul 2019 13:17

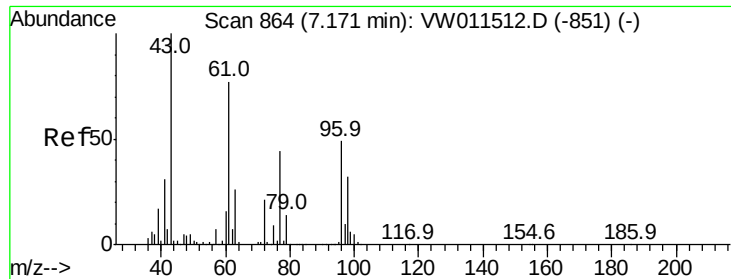
Tgt Ion: 77 Resp: 310998

Ion Ratio Lower Upper

77 100

97 22.3 10.8 32.4





#27

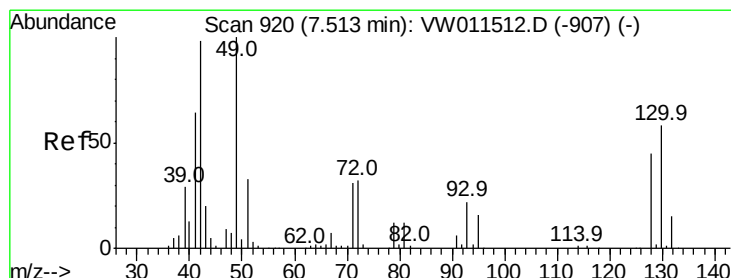
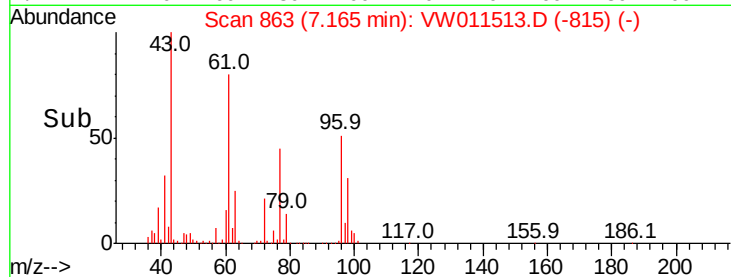
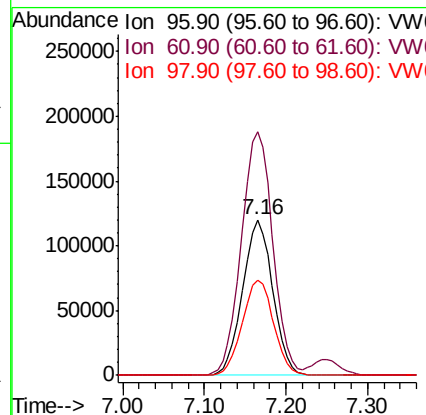
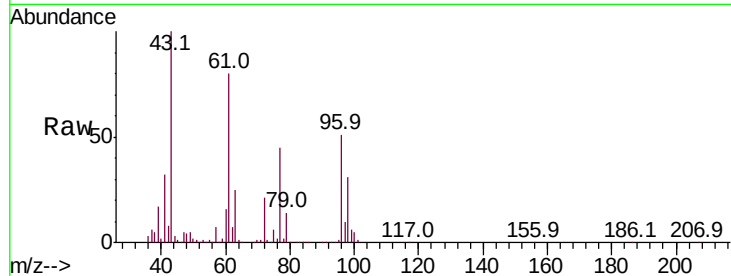
cis-1,2-Dichloroethene
Concen: 100.524 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	309010		
61	162.9	0.0	328.4	
98	63.4	0.0	128.8	

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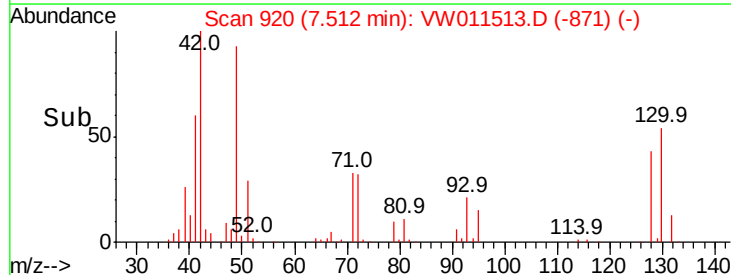
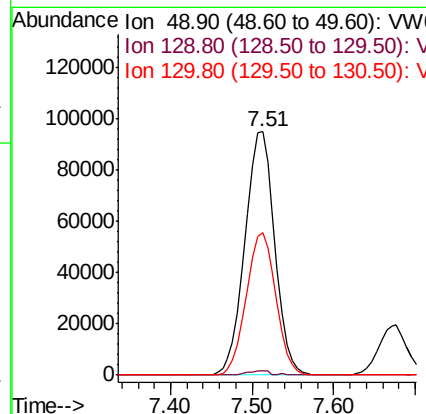
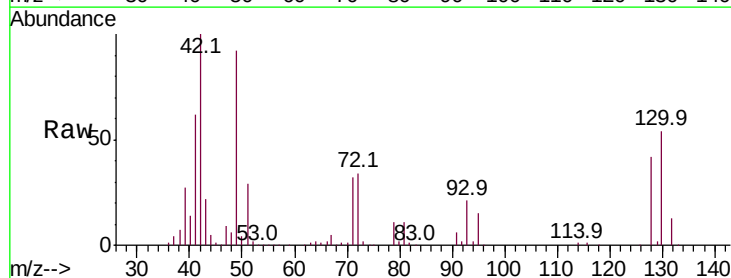
MMDadoda
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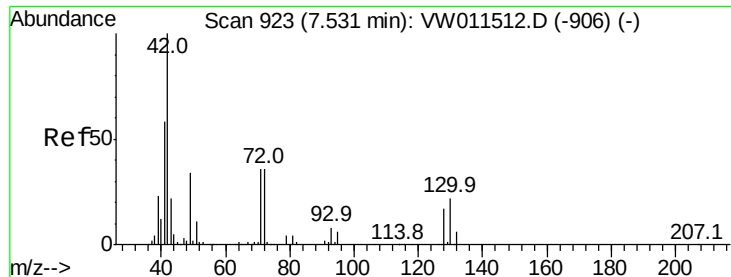


#28

Bromochloromethane
Concen: 97.819 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	241571		
129	1.3	0.0	1.0#	
130	58.3	46.3	69.5	





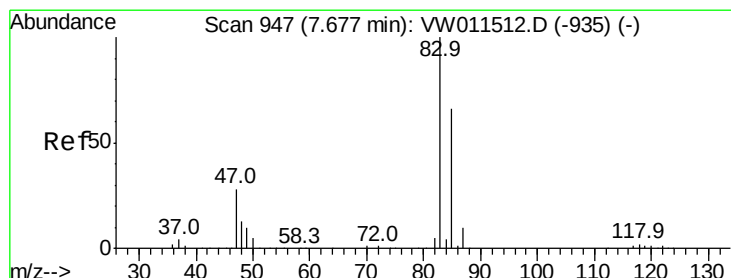
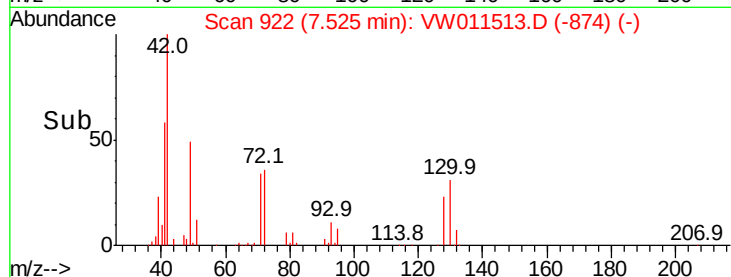
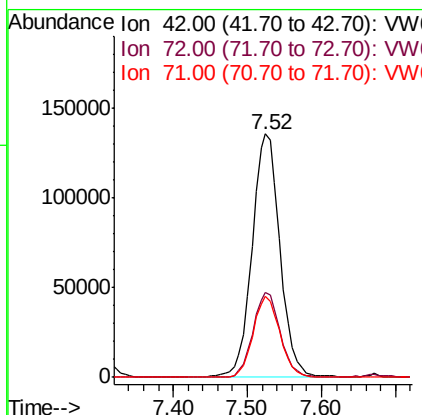
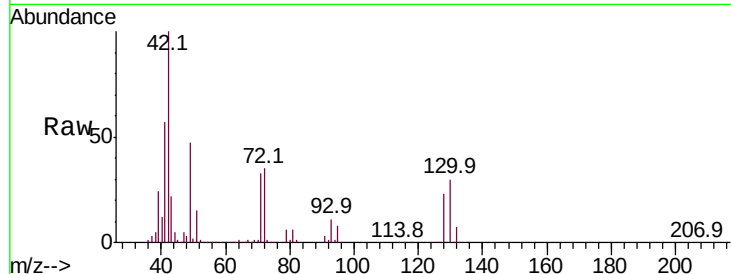
#29
Tetrahydrofuran
Concen: 522.675 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.1	40.7
71	32.1	26.2	39.4

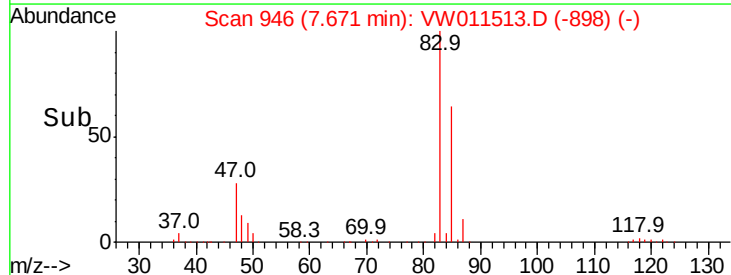
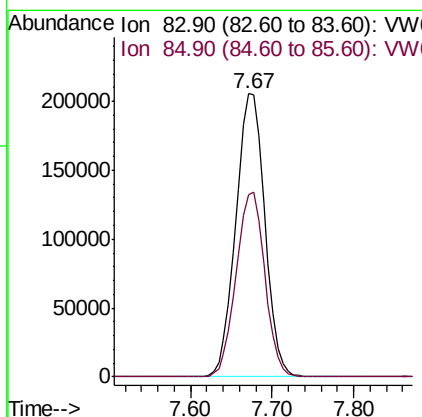
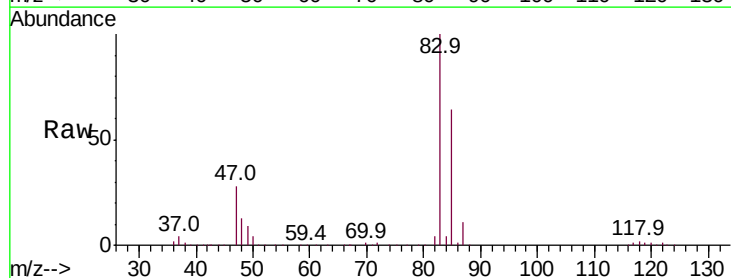
Manual Integrations
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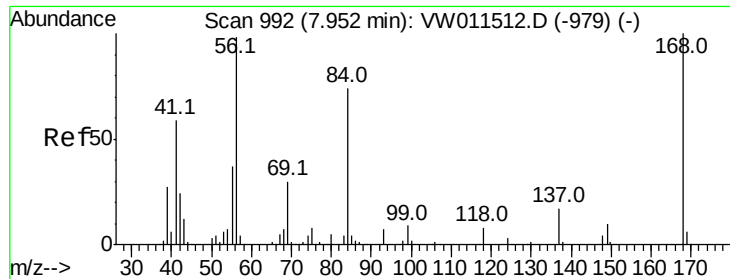
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#30
Chloroform
Concen: 98.601 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7





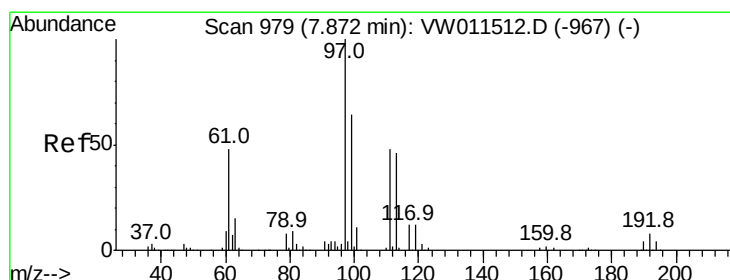
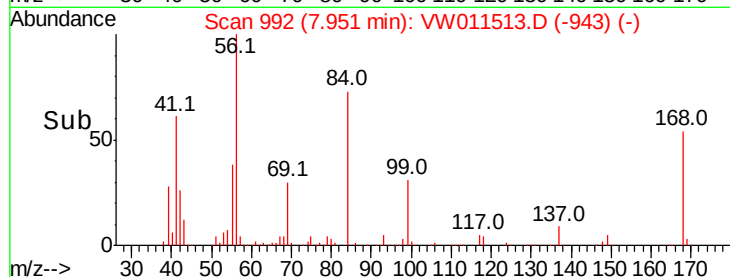
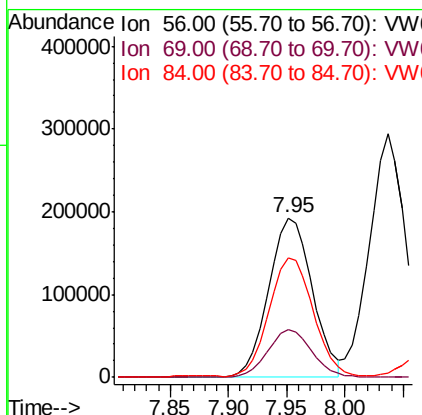
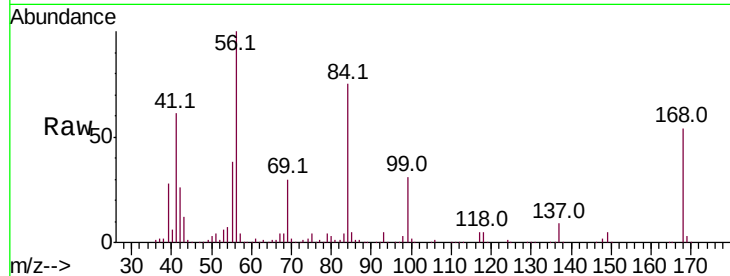
#31
Cyclohexane
Concen: 93.633 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.3	36.5
84	73.6	60.4	90.6

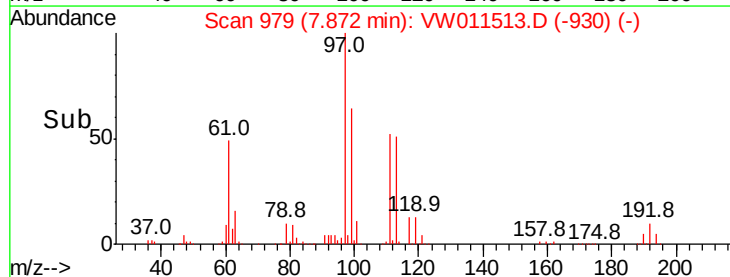
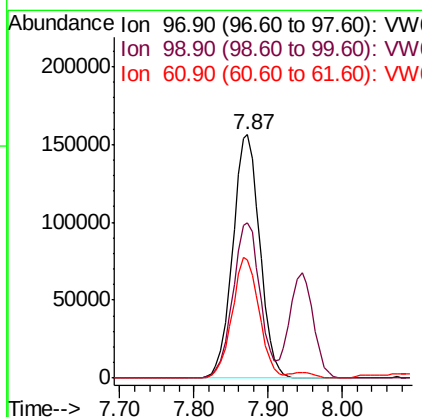
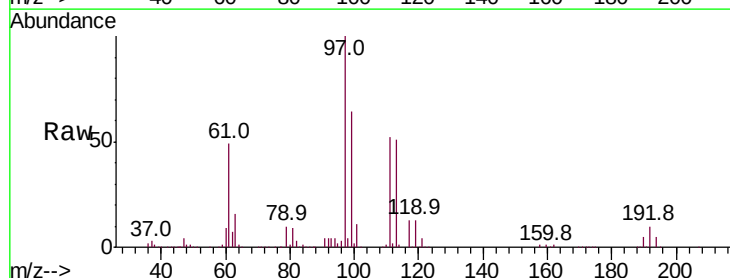
Manual Integrations
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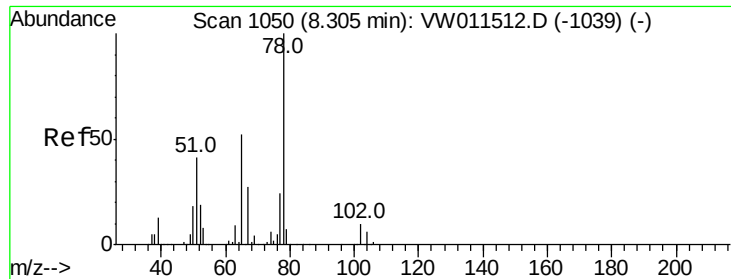
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#32
1,1,1-Trichloroethane
Concen: 101.597 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	49.3	39.8	59.6





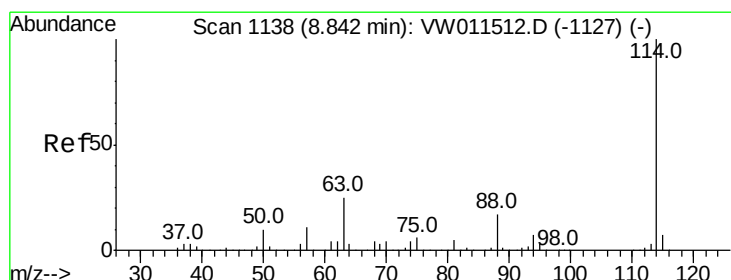
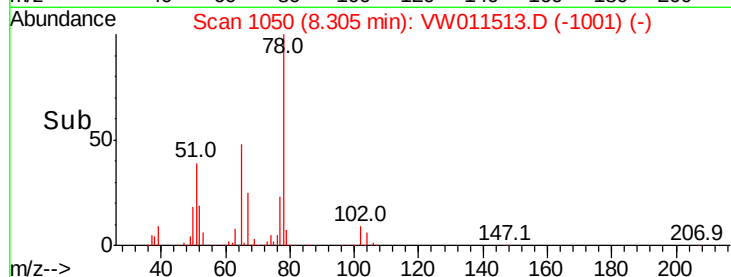
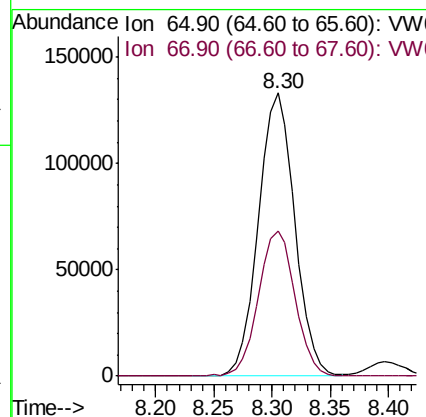
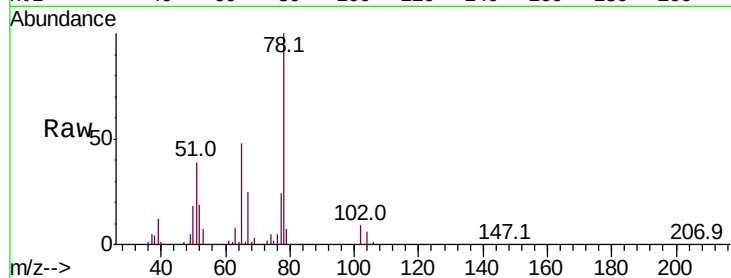
#33
 1,2-Dichloroethane-d4
 Concen: 101.306 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.2

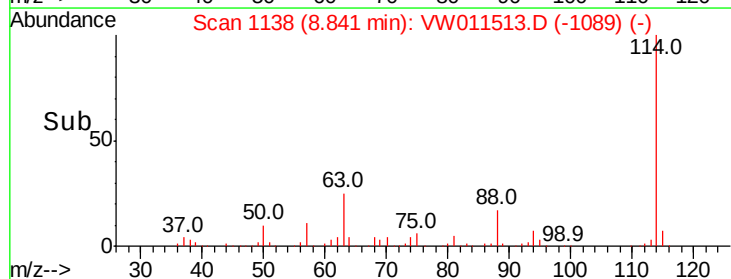
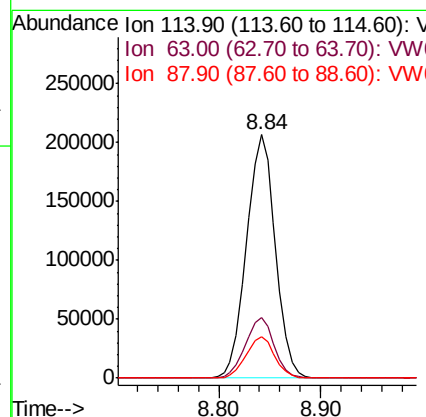
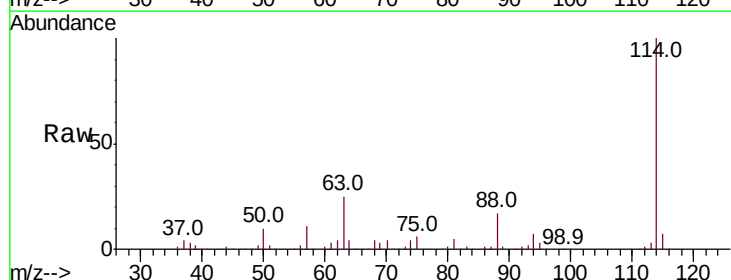
Manual Integrations
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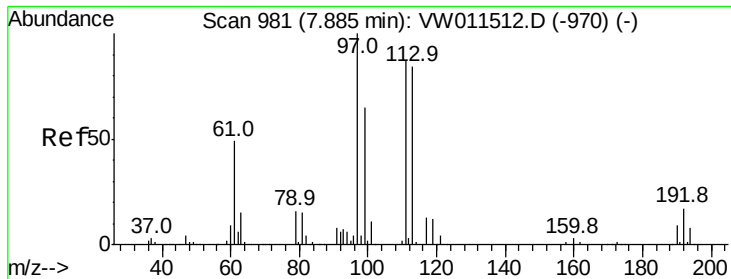
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	17.2	0.0	33.8





#35

Dibromofluoromethane

Concen: 102.353 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

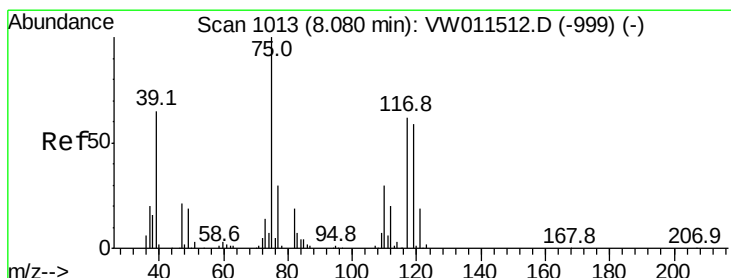
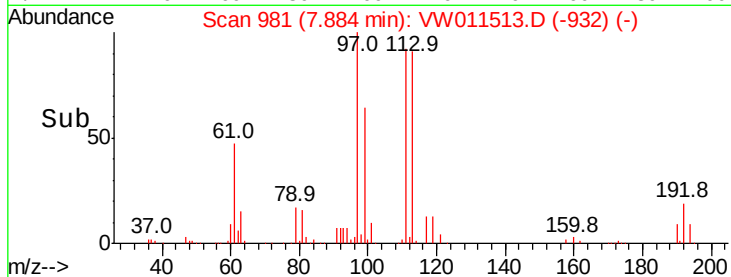
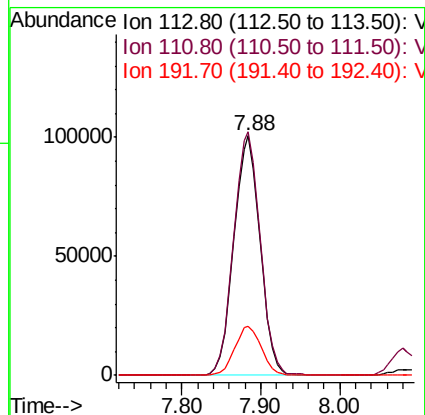
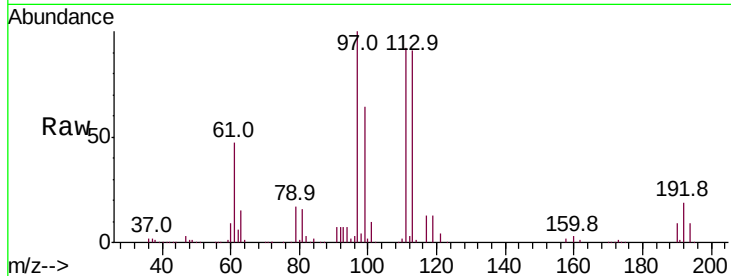
ClientSampled :

VSTDIC100

Tot Ion:	113	Resp:	232615
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.7	124.1
192	20.7	16.1	24.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 99.821 ug/l

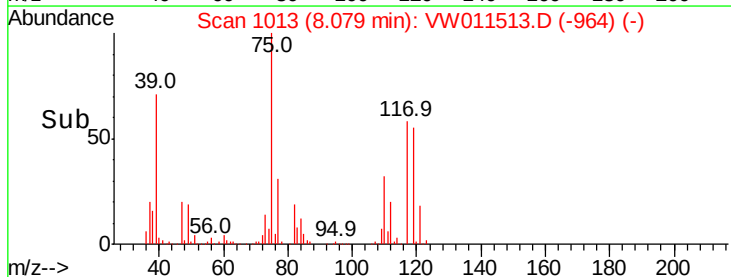
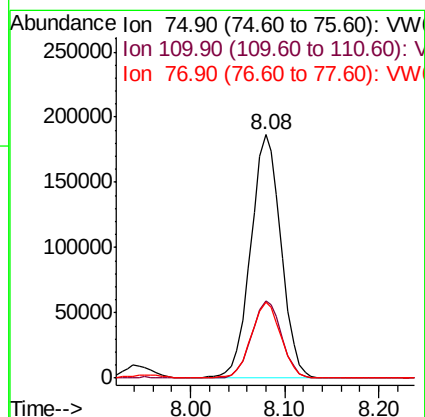
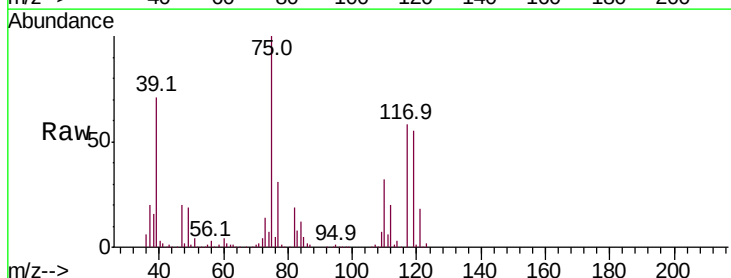
RT: 8.08 min Scan# 1013

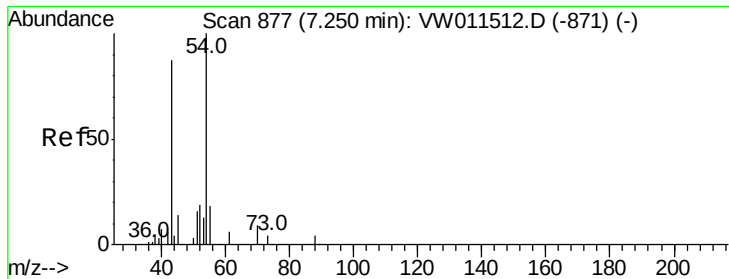
Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion:	75	Resp:	420475
Ion Ratio	Lower	Upper	
75	100		
110	31.6	15.6	46.8
77	31.1	24.3	36.5





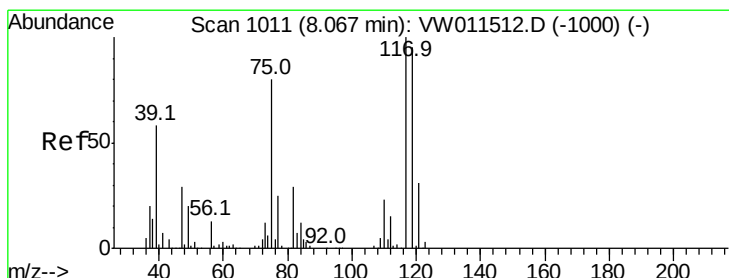
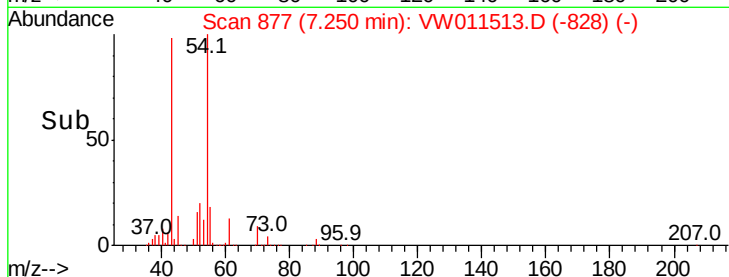
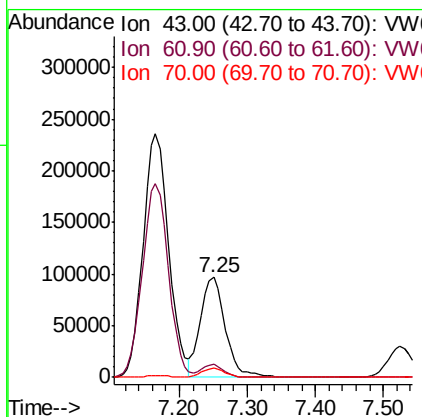
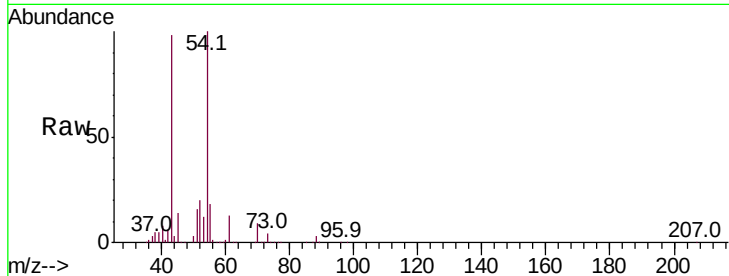
#37
Ethyl Acetate
Concen: 101.333 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	8.8	13.2
70	8.9	7.1	10.7

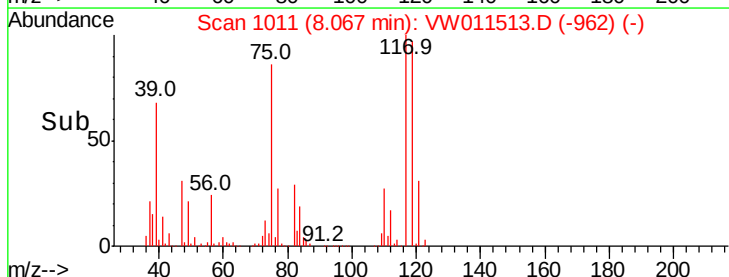
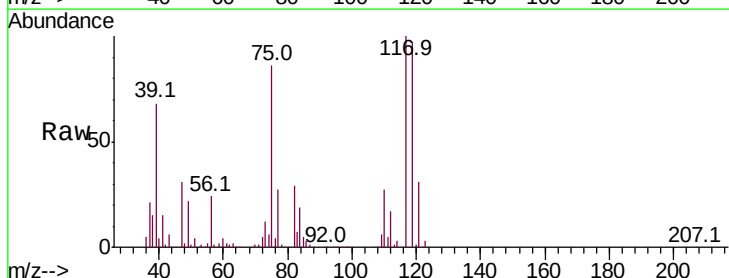
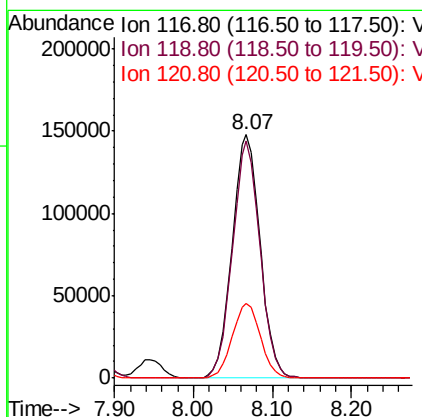
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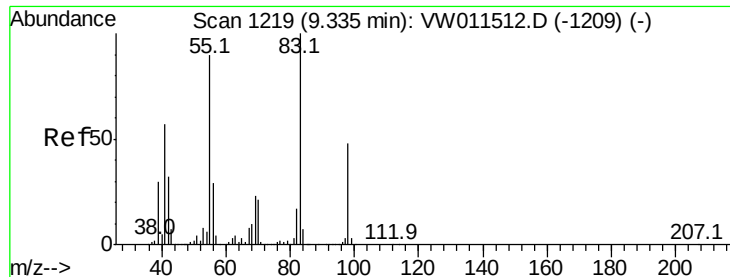
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#38
Carbon Tetrachloride
Concen: 100.988 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.6
121	30.9	24.7	37.1





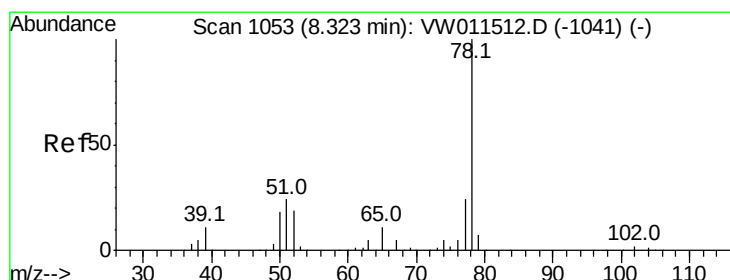
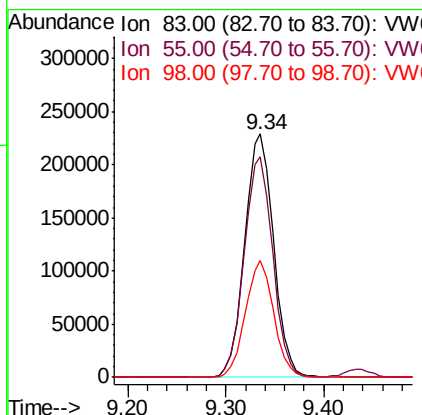
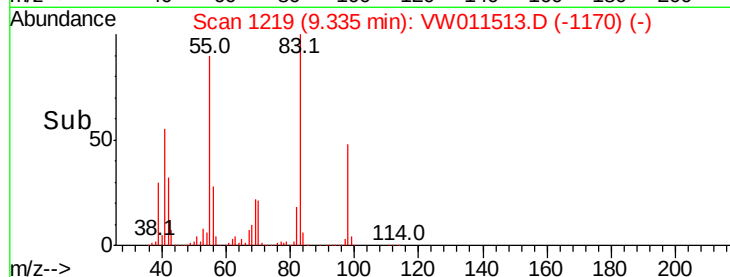
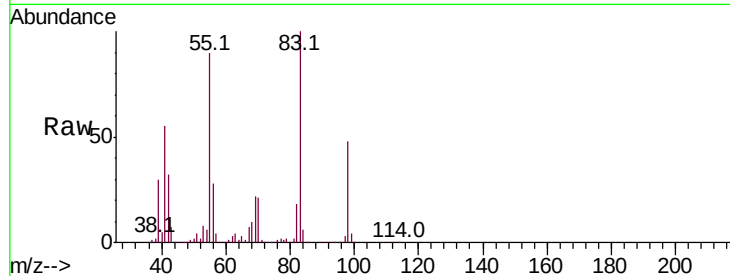
#39
Methylvlcyclohexane
Concen: 101.221 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.4	72.1	108.1
98	48.0	38.6	57.8

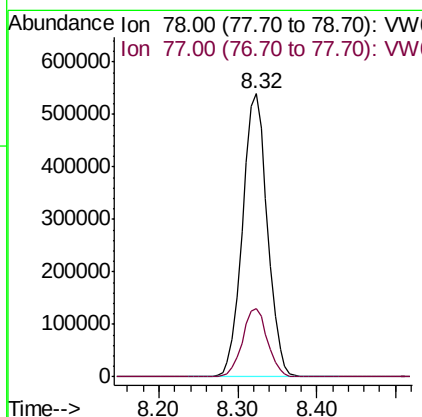
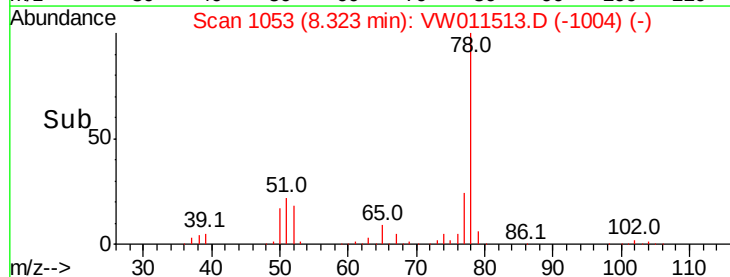
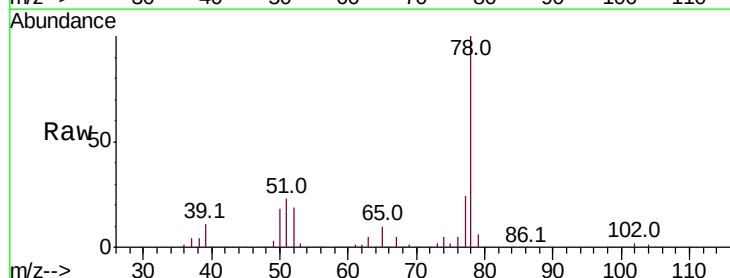
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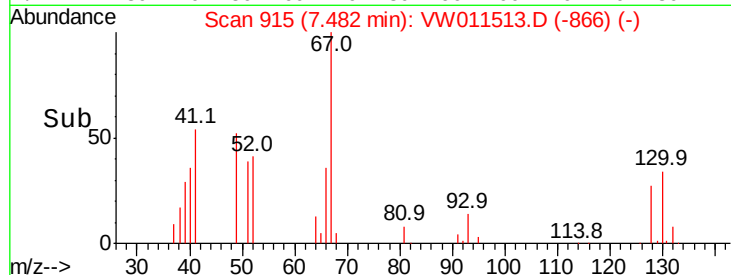
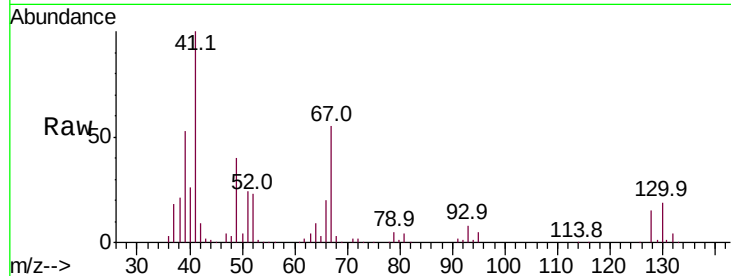
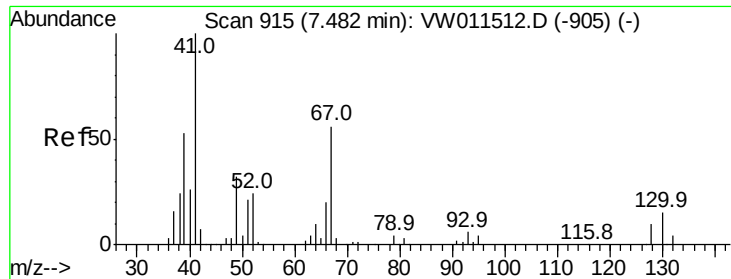
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#40
Benzene
Concen: 100.217 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41

Methacrylonitrile

Concen: 107.781 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	43.0	64.4	
67	54.3	47.5	71.3	
52	24.4	21.0	31.6	

Instrument :

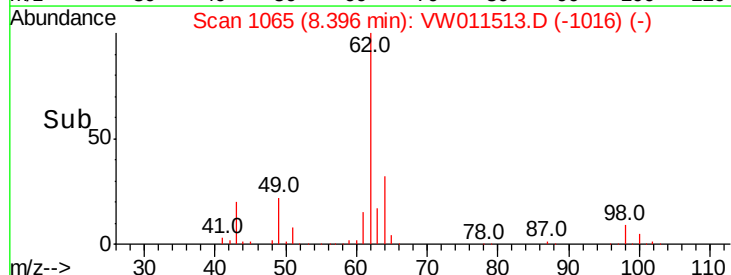
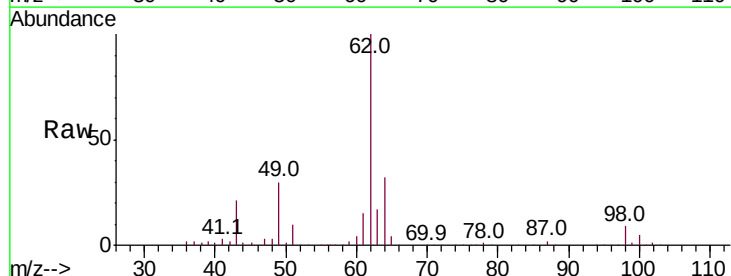
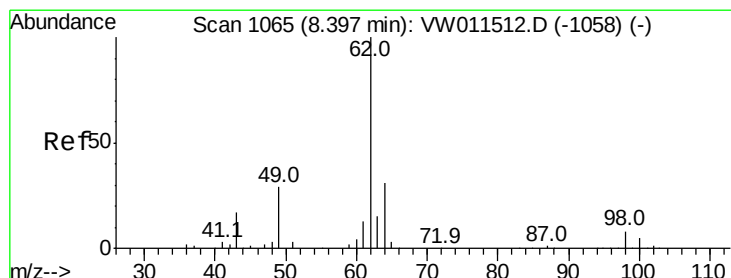
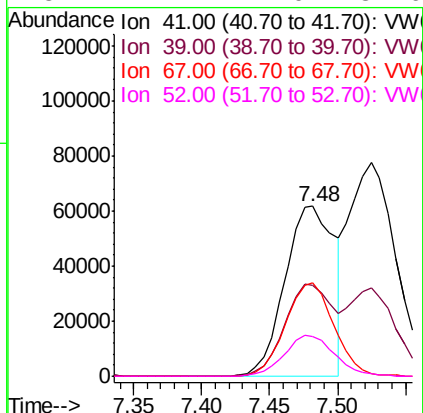
MSVOA_W

ClientSampleId :

VSTDIC100

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 100.637 ug/l

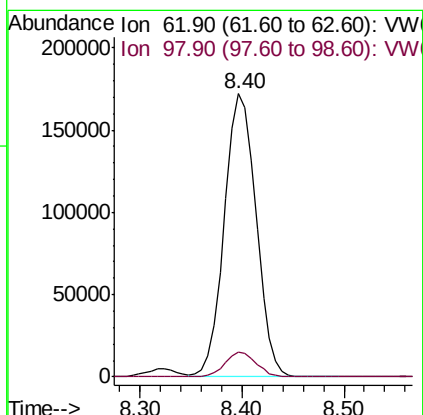
RT: 8.40 min Scan# 1065

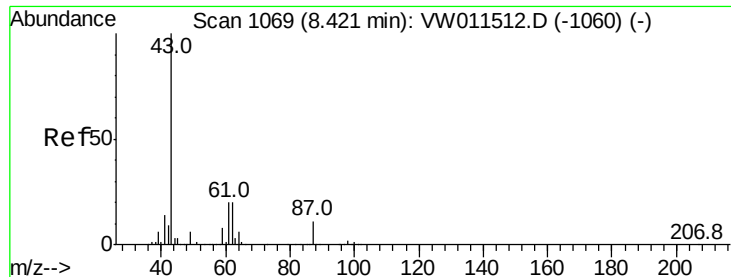
Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.8	





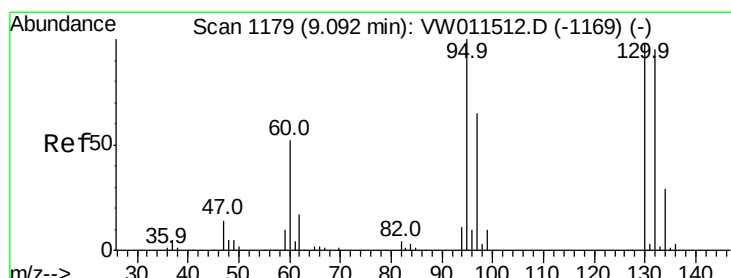
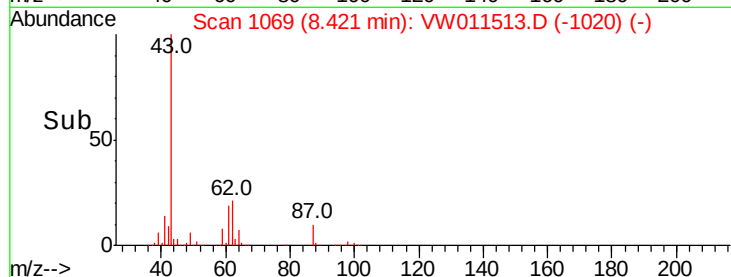
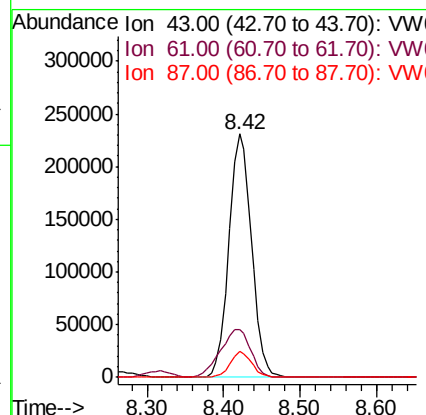
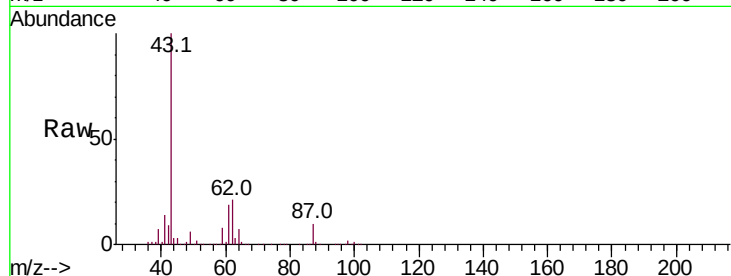
#43
Isopropyl Acetate
Concen: 105.451 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.5	32.3
87	10.3	8.4	12.6

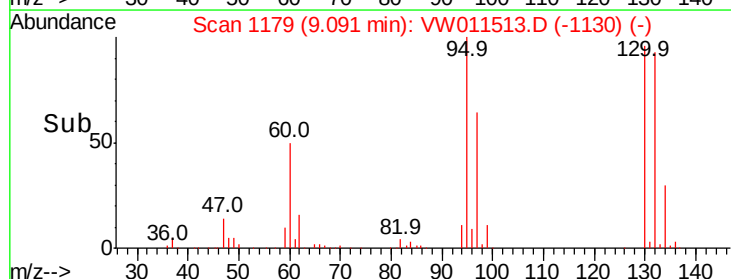
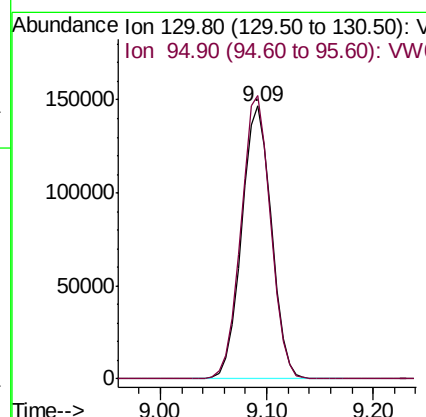
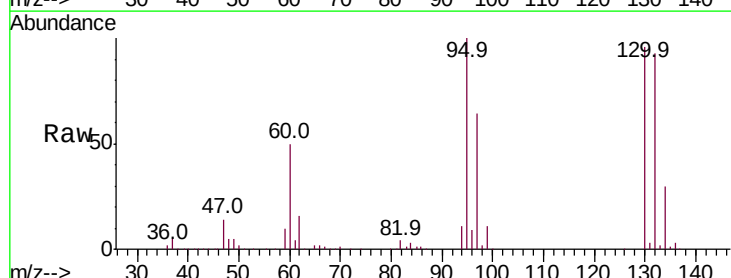
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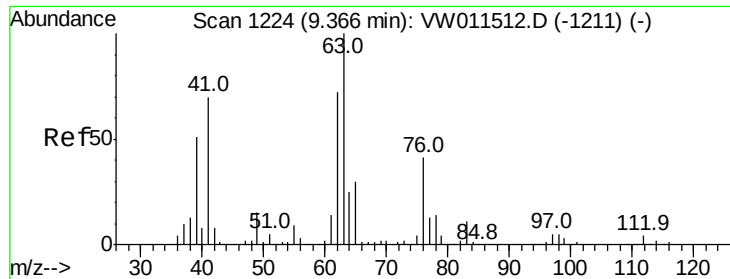
MMDadoda
7/29/2019 9:17:48 AM



#44
Trichloroethene
Concen: 101.639 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	204.8





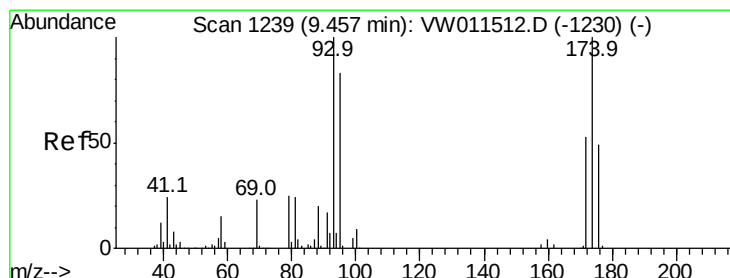
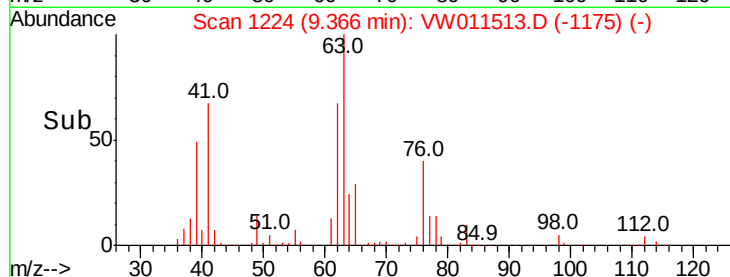
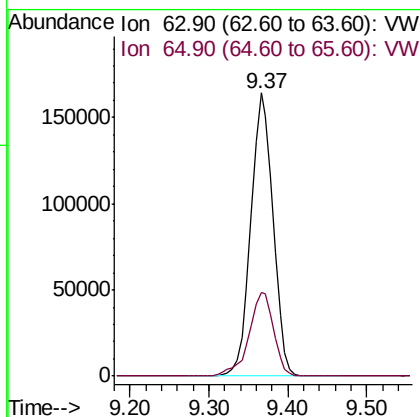
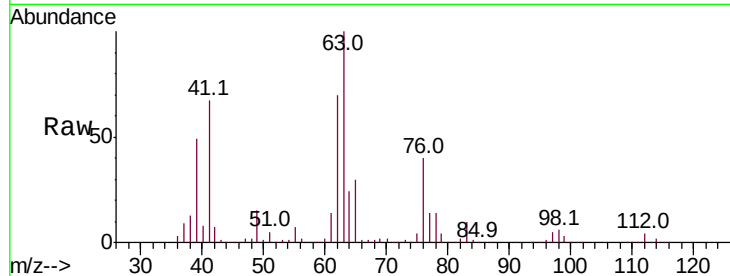
#45
 1,2-Dichloropropane
 Concen: 101.858 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 321563
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.2 36.4

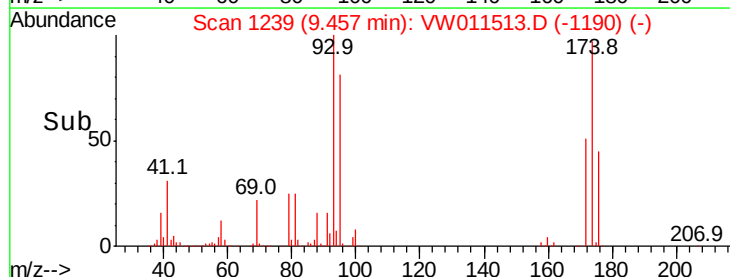
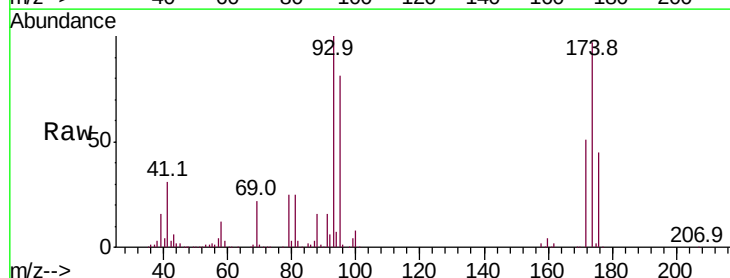
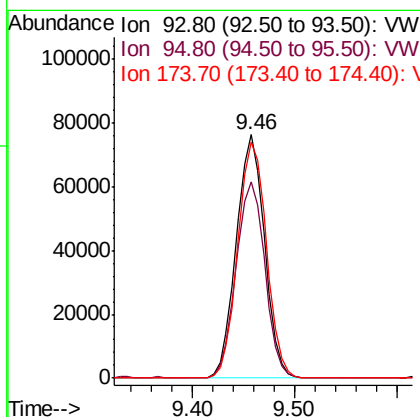
Manual Integrations
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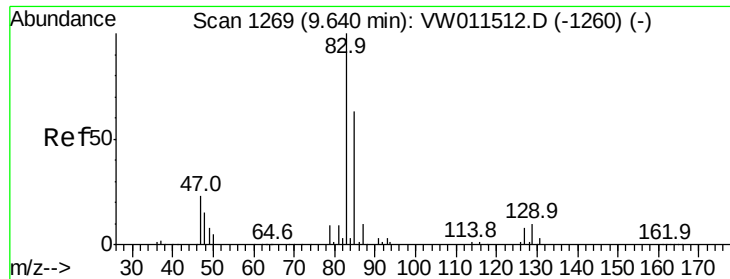
MMDadoda
 7/29/2019 9:17:48 AM



#46
 Dibromomethane
 Concen: 101.378 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion: 93 Resp: 146076
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.2
 174 98.8 78.2 117.4





#47

Bromodichloromethane

Concen: 104.394 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

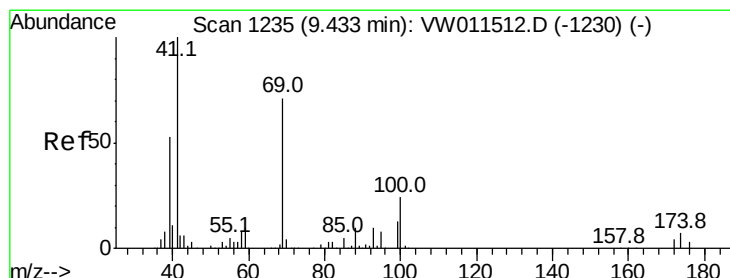
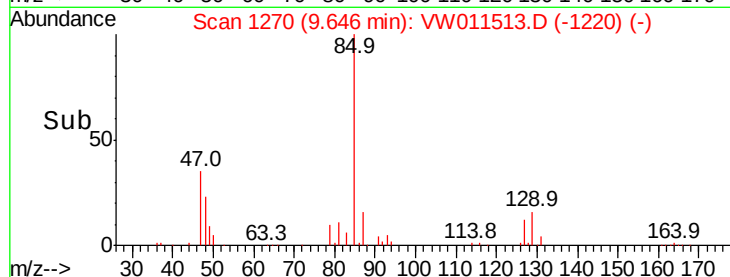
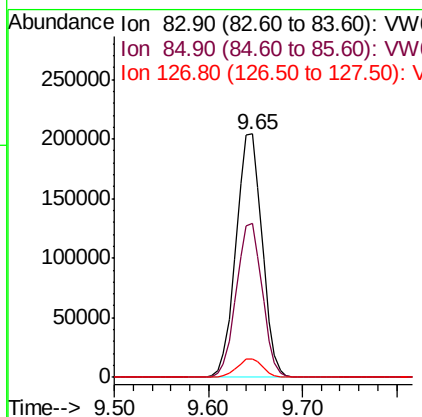
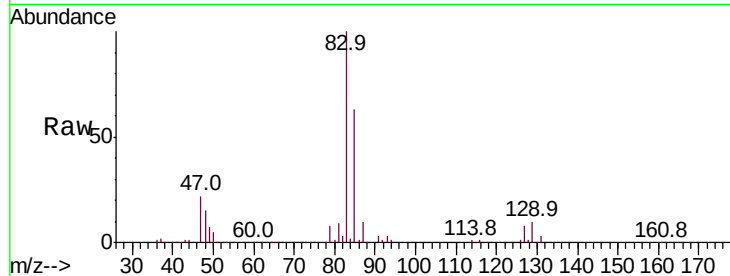
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	394575
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.5	75.7
127	7.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 108.387 ug/l

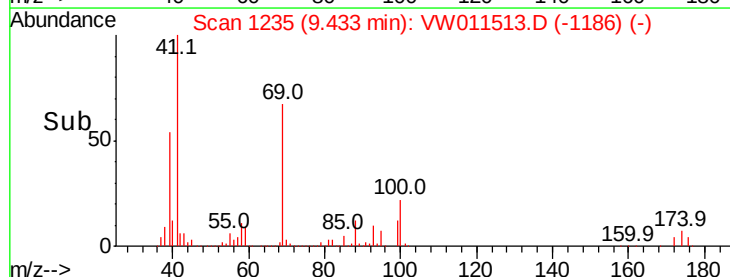
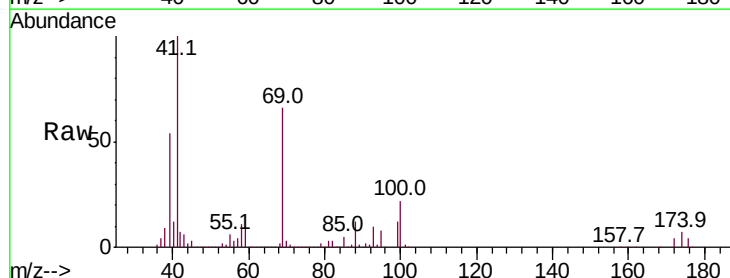
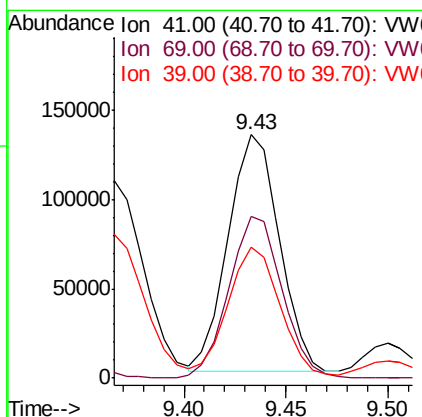
RT: 9.43 min Scan# 1235

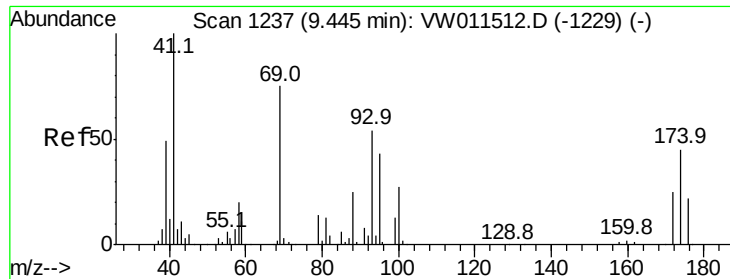
Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion:	41	Resp:	232049
Ion Ratio	Lower	Upper	
41	100		
69	70.6	57.1	85.7
39	56.8	45.4	68.2





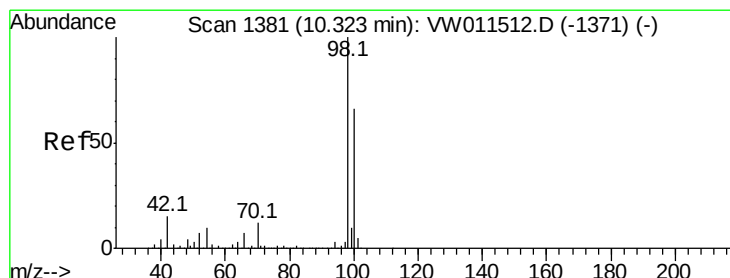
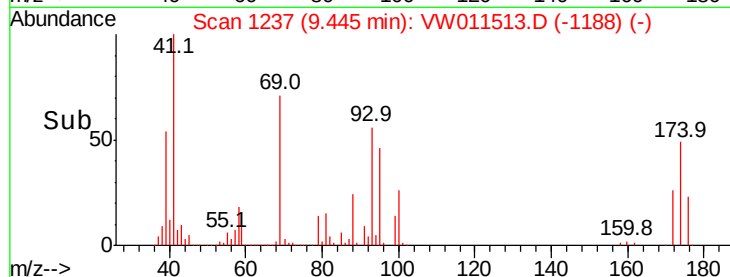
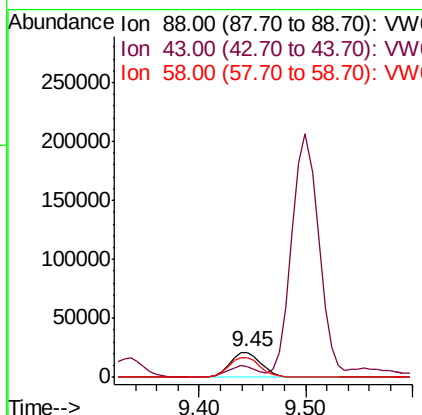
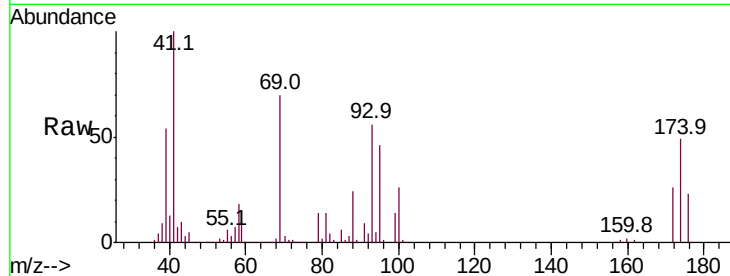
#49
1,4-Dioxane
Concen: 2108.573 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	88	Resp	43992
Ion	Ratio	Lower	Upper
88	100		
43	43.9	34.0	51.0
58	81.3	69.7	104.5

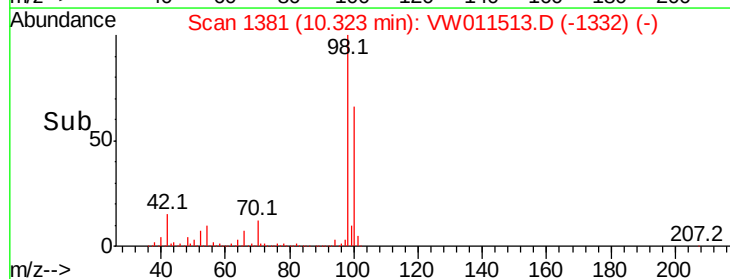
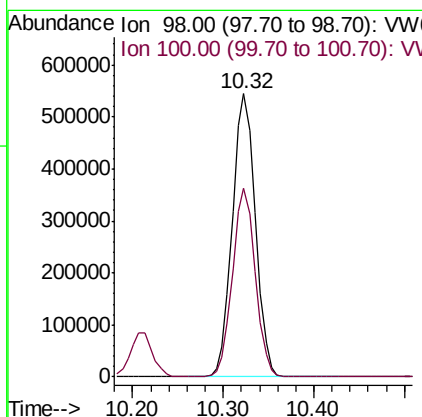
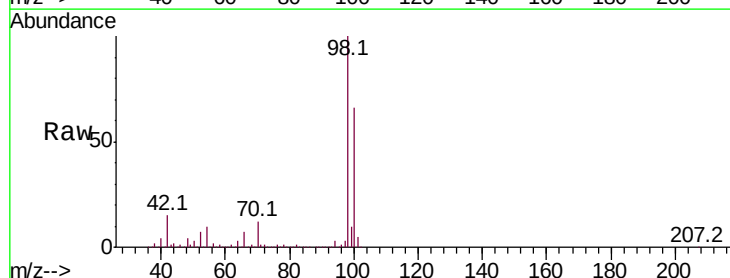
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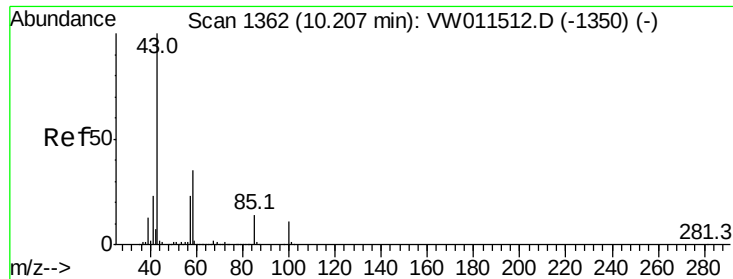
MMDadoda
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#50
Toluene-d8
Concen: 103.334 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	98	Resp	961524
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1





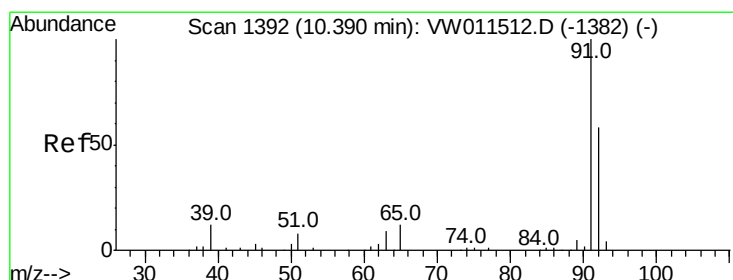
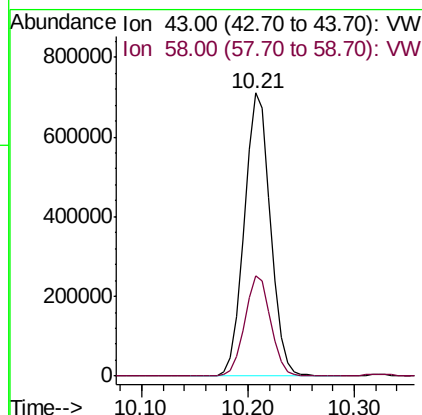
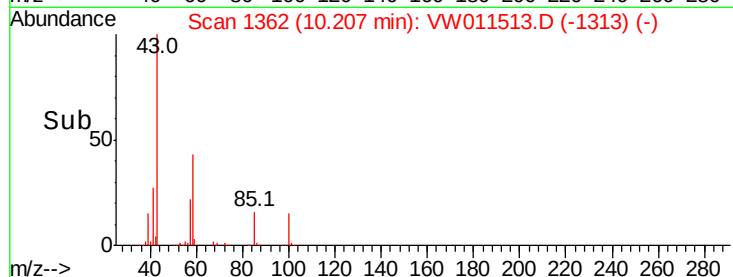
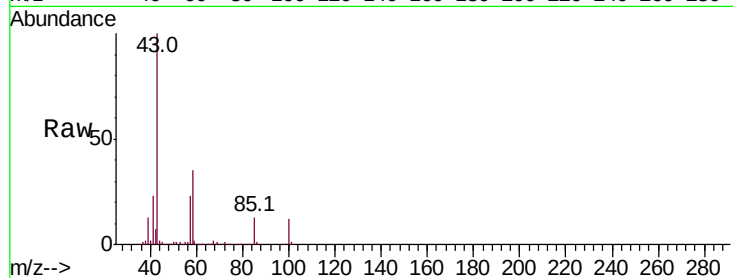
#51
4-Methyl-2-Pentanone
Concen: 527.974 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1223976
Ion Ratio Lower Upper
43 100
58 35.1 28.2 42.2

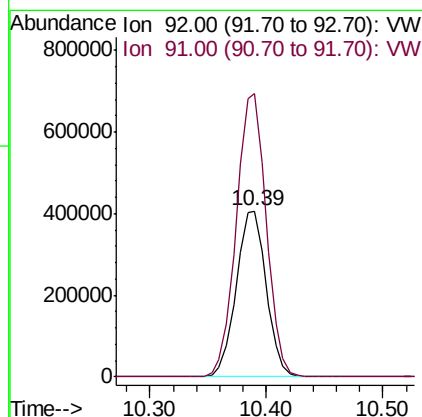
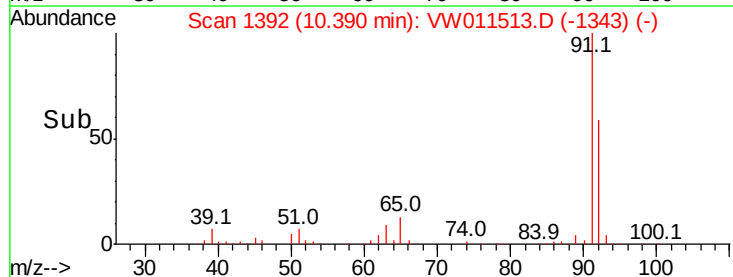
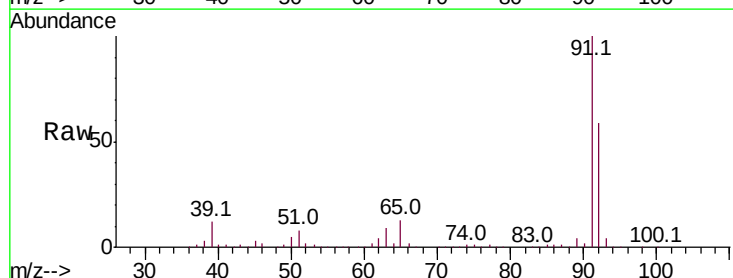
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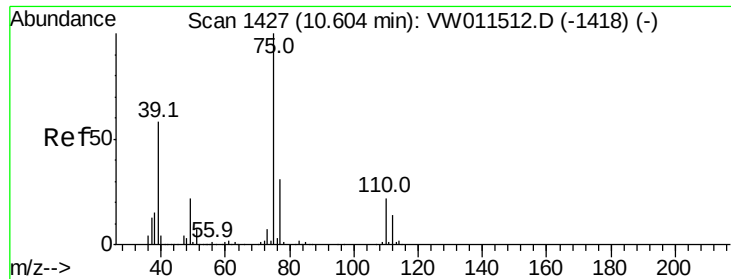
MMDadoda
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#52
Toluene
Concen: 102.022 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 92 Resp: 726936
Ion Ratio Lower Upper
92 100
91 171.2 136.7 205.1





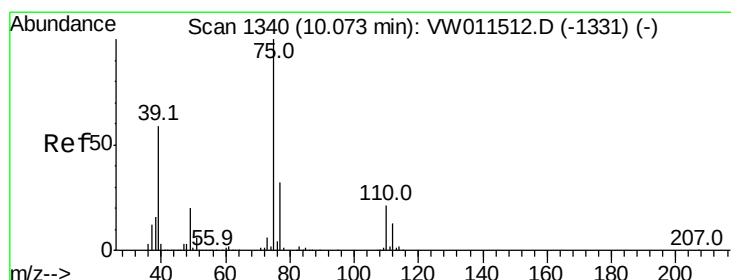
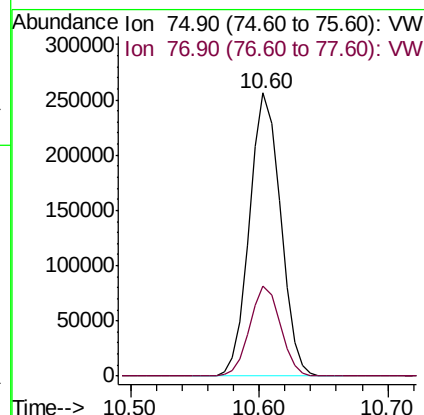
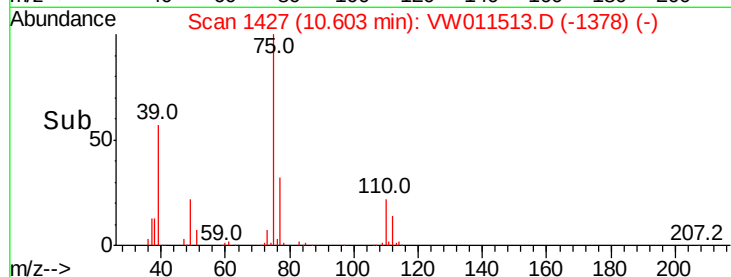
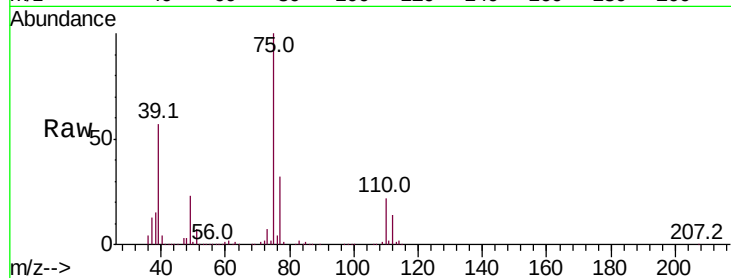
#53
t-1,3-Dichloropropene
Concen: 107.940 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 426180
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

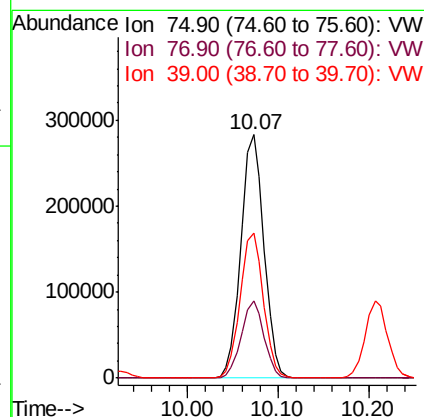
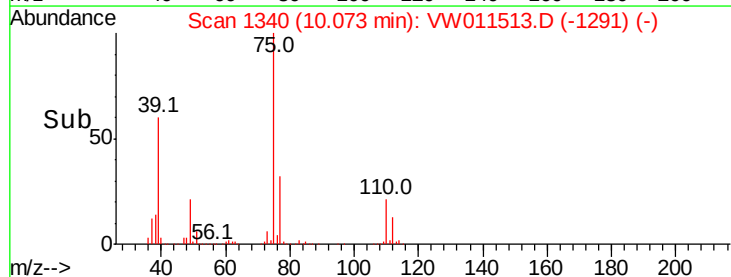
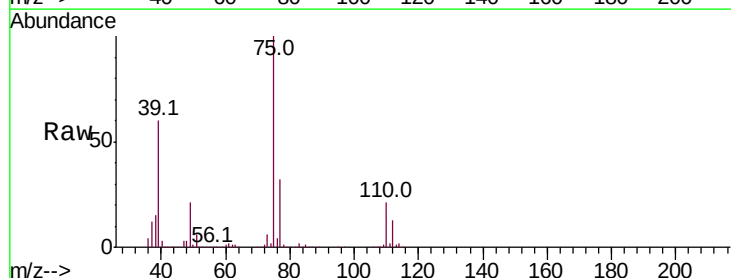
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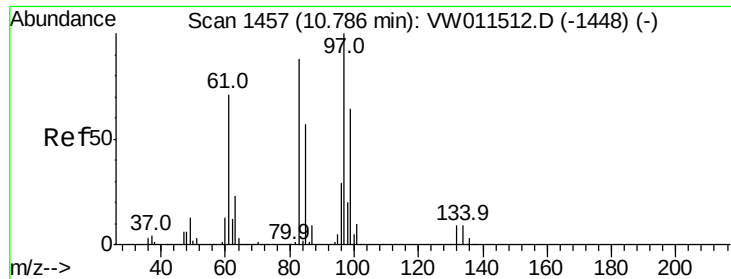
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 106.487 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 75 Resp: 499903
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 59.7 47.0 70.4





#55

1,1,2-Trichloroethane

Concen: 102.157 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

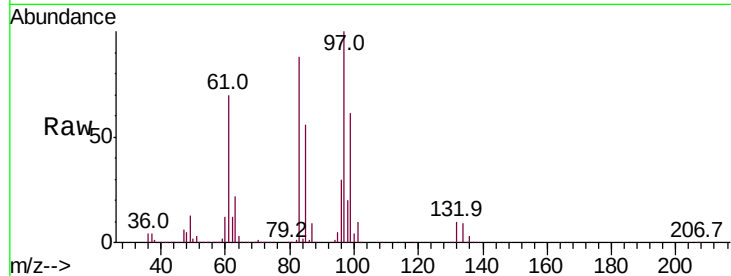
ClientSampleId :

VSTDIC100

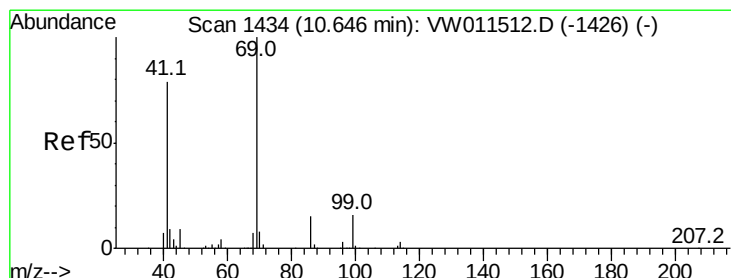
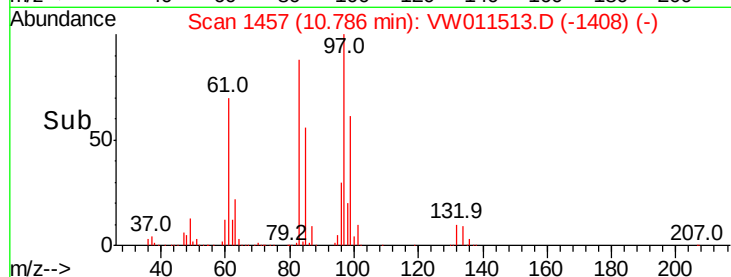
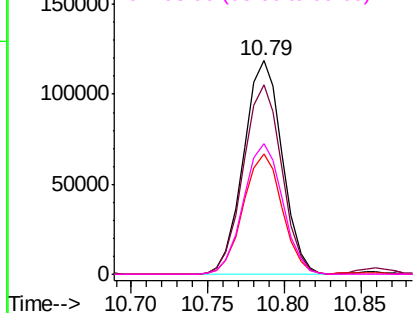
Tot Ion	97	Resp	208854
Ion Ratio	Lower	Upper	
97	100		
83	88.4	70.5	105.7
85	56.3	45.8	68.6
99	61.3	51.0	76.4

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Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 109.836 ug/l

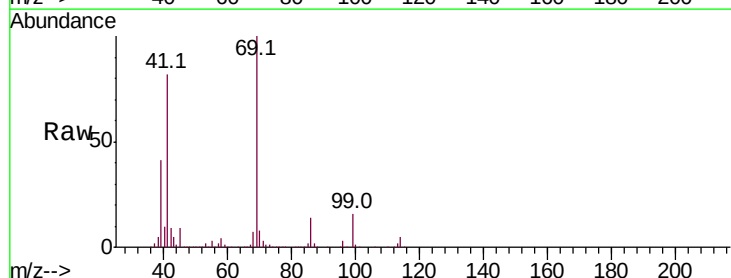
RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

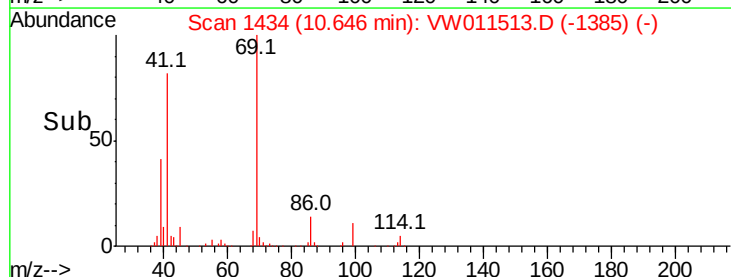
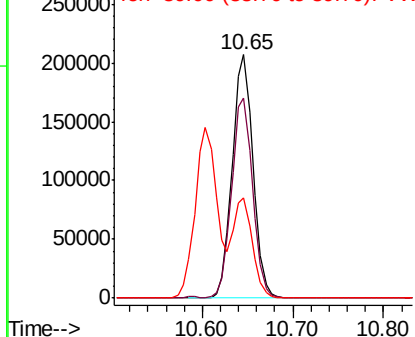
Lab File: VW011513.D

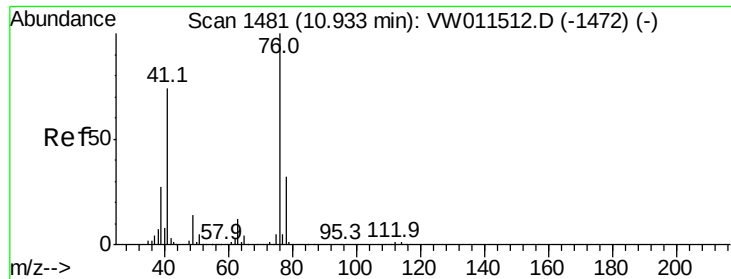
Acq: 26 Jul 2019 13:17

Tgt Ion	69	Resp	328590
Ion Ratio	Lower	Upper	
69	100		
41	82.7	66.6	99.8
39	37.7	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 103.614 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 400764

Ion Ratio Lower Upper

76 100

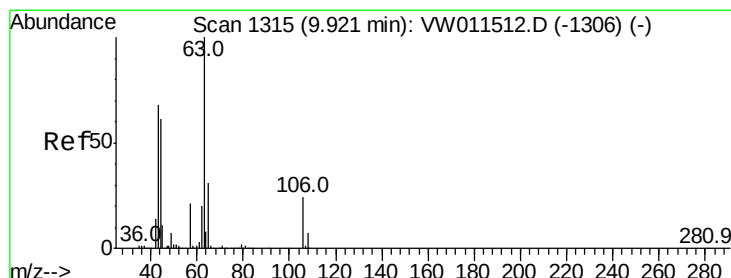
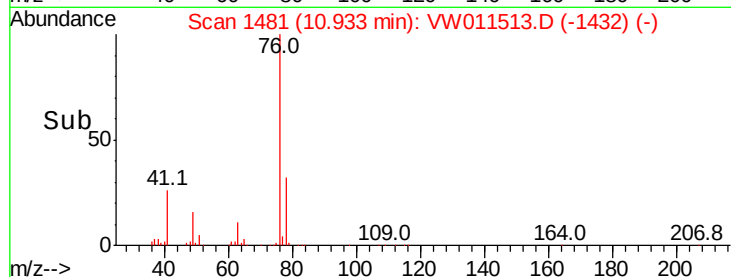
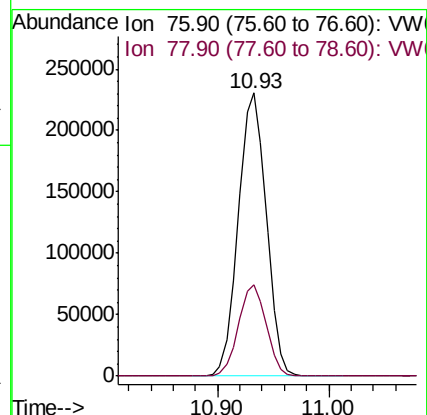
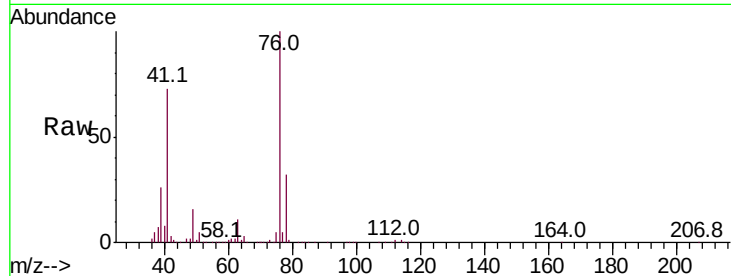
78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 458.526 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW011513.D

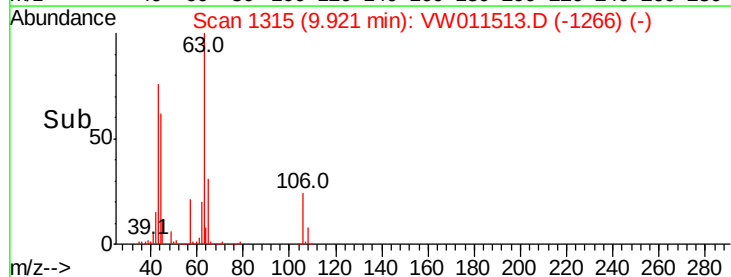
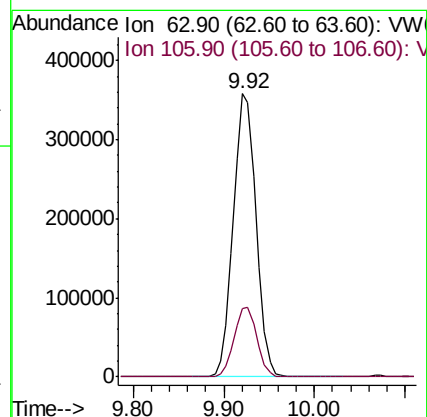
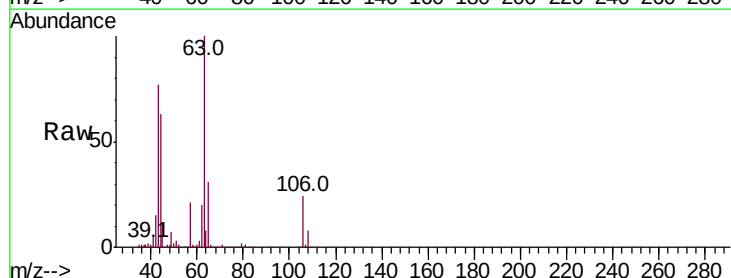
Acq: 26 Jul 2019 13:17

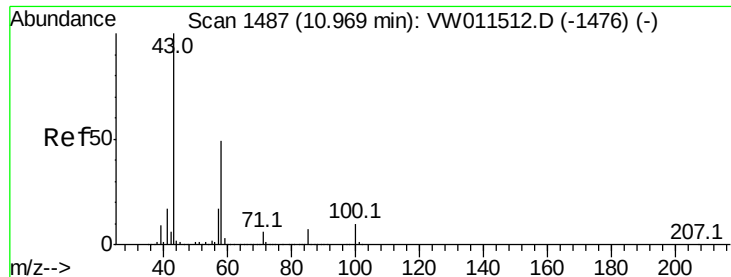
Tgt Ion: 63 Resp: 622830

Ion Ratio Lower Upper

63 100

106 24.6 19.7 29.5





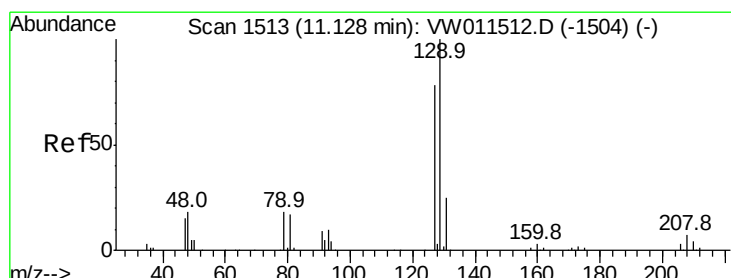
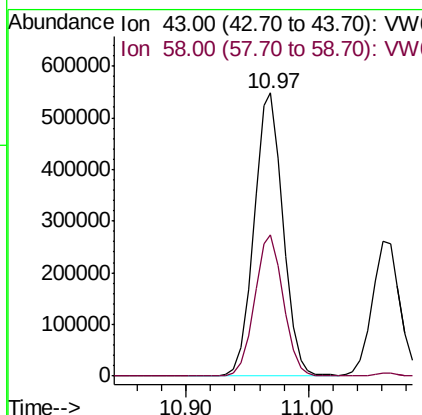
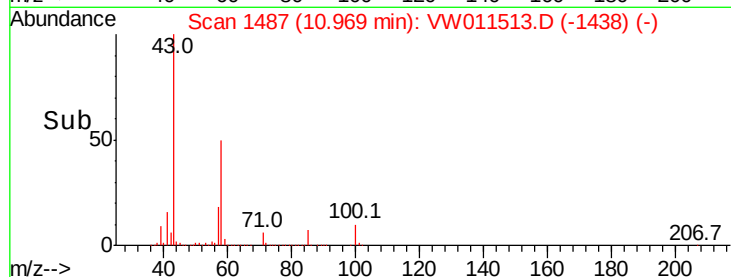
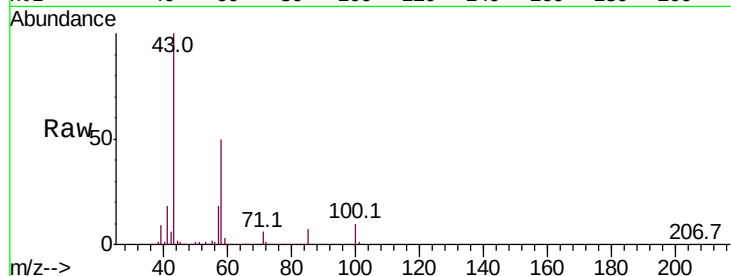
#59
2-Hexanone
Concen: 550.650 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 901324
Ion Ratio Lower Upper
43 100
58 49.4 24.3 72.9

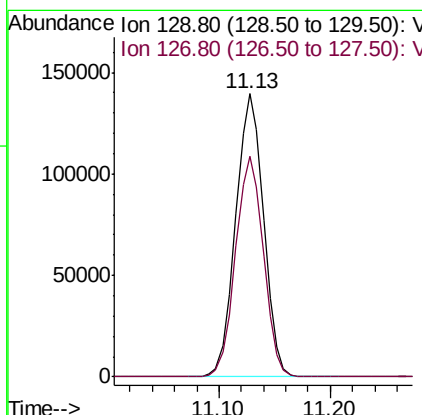
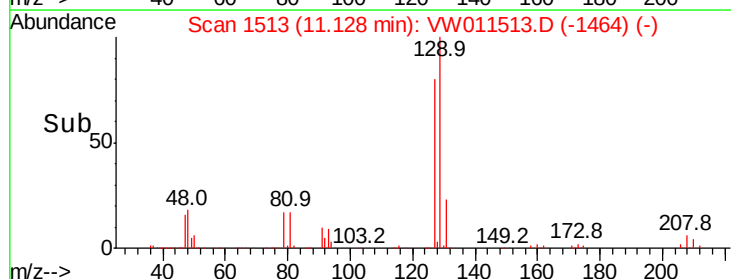
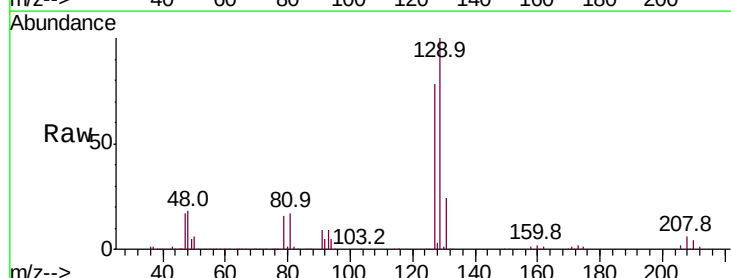
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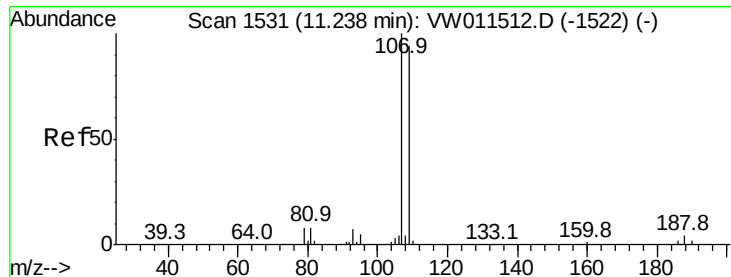
MMDadoda
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#60
Dibromochloromethane
Concen: 106.286 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion: 129 Resp: 241201
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





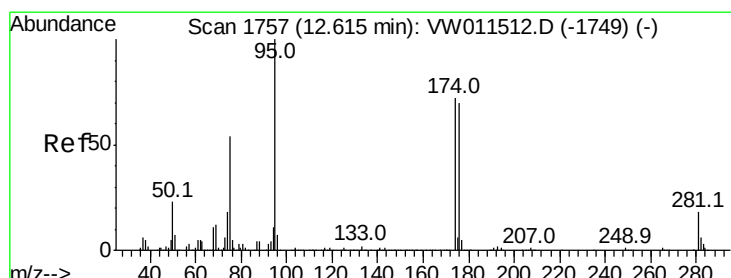
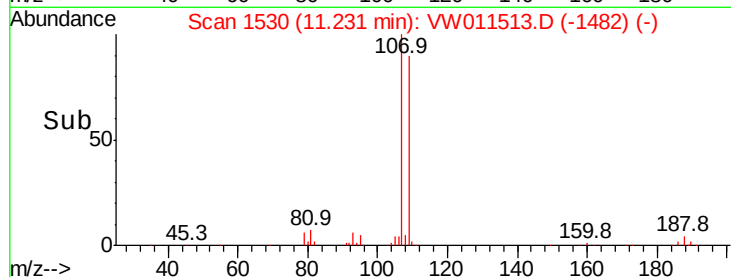
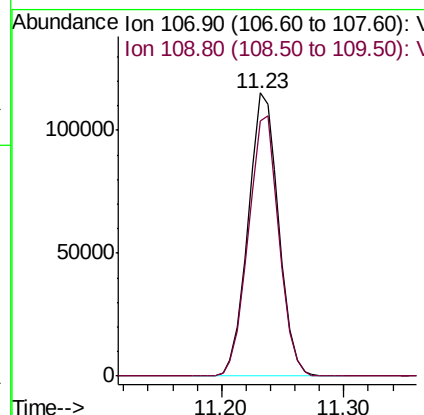
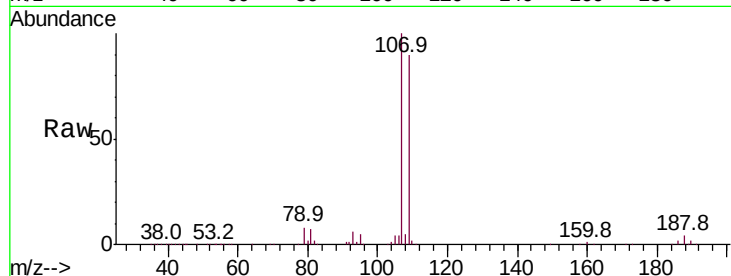
#61
 1,2-Dibromoethane
 Concen: 102.905 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.0	112.6

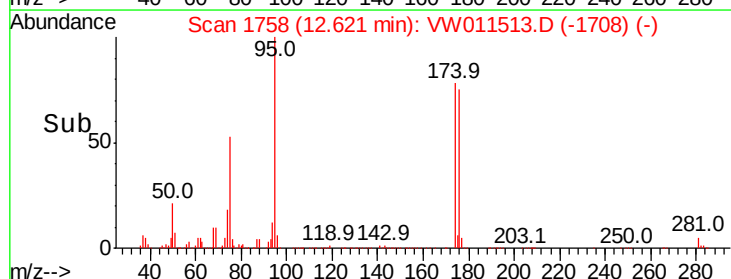
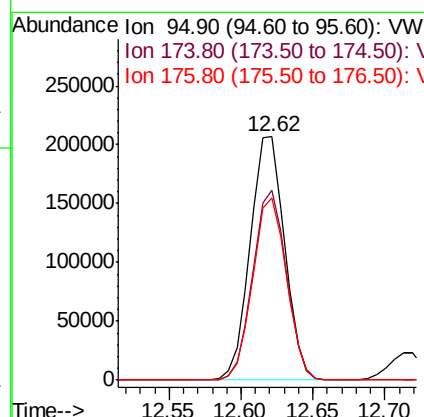
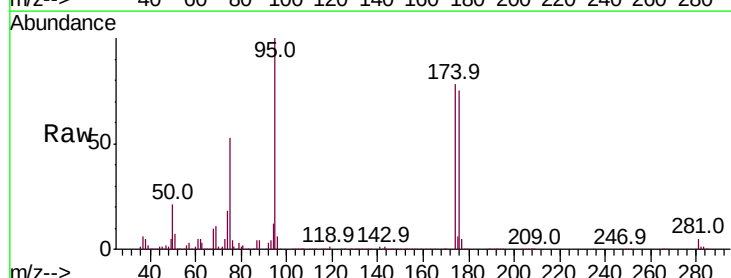
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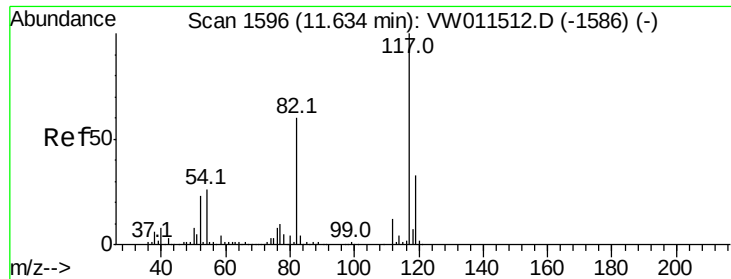
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 103.038 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	150.2
176	73.6	0.0	144.4





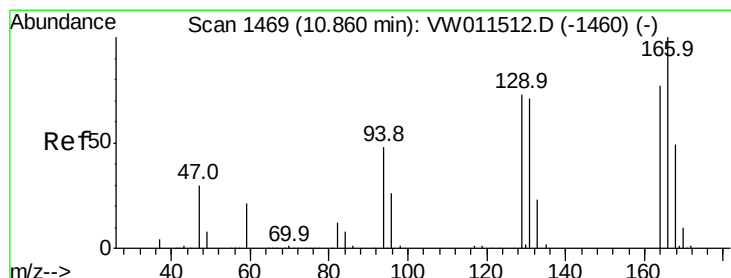
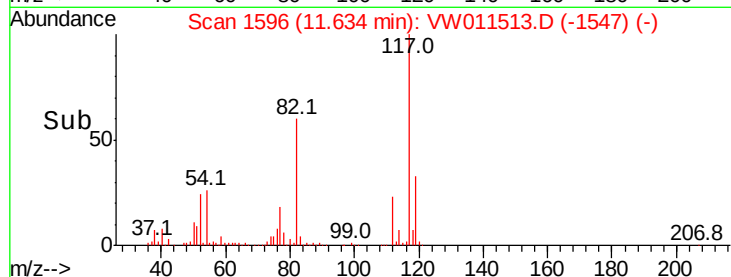
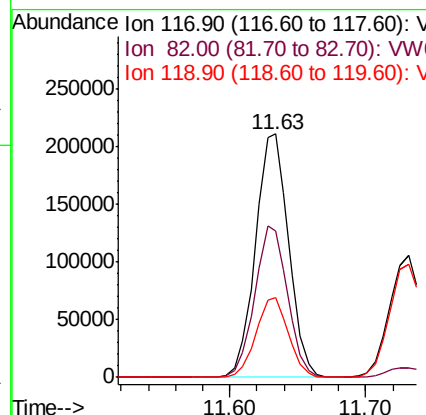
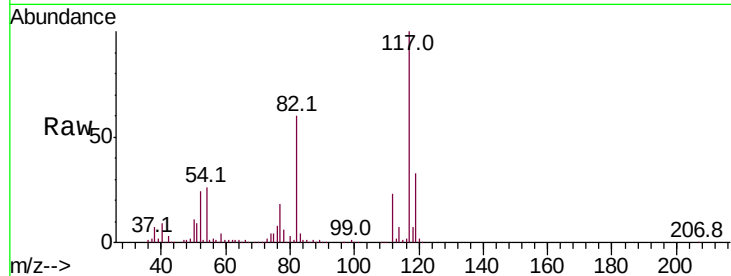
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360419		
82	60.2	47.9	71.9	
119	32.9	26.2	39.2	

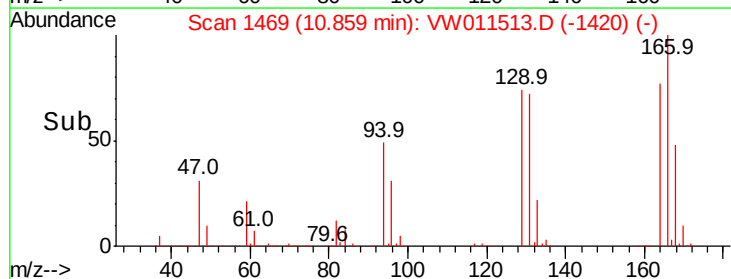
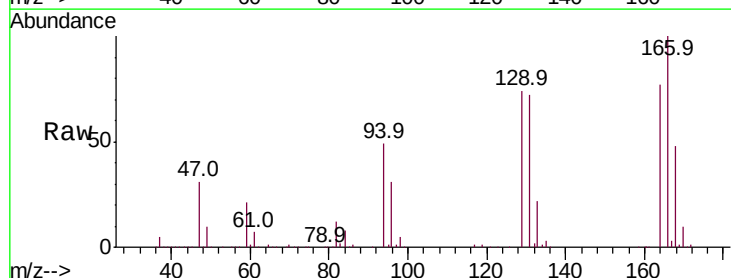
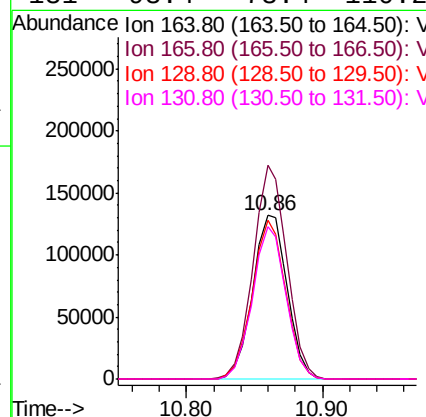
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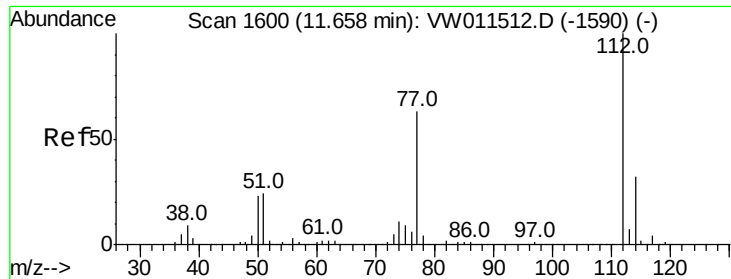
MMDadoda
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#64
Tetrachloroethene
Concen: 100.014 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234704		
166	130.5	103.5	155.3	
129	97.0	75.2	112.8	
131	93.4	73.4	110.2	





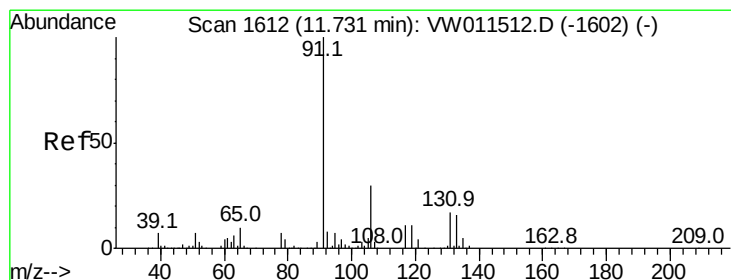
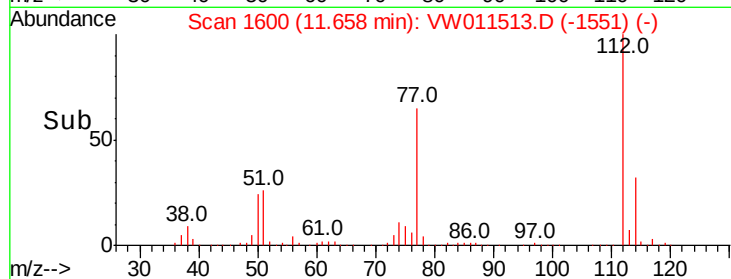
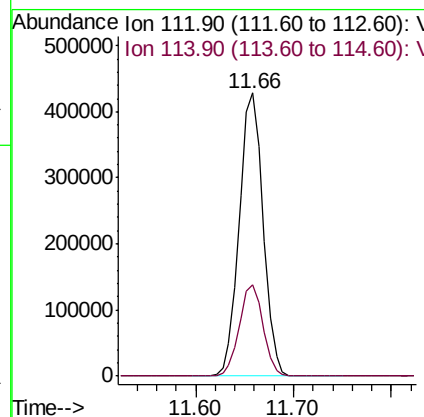
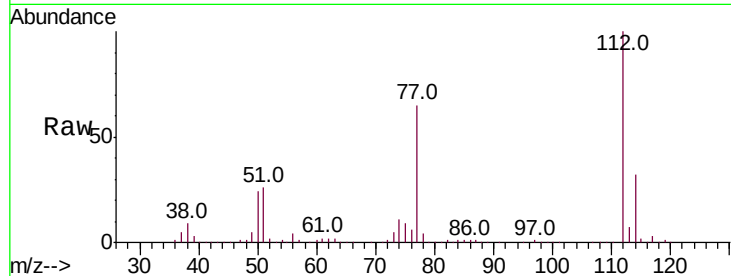
#65
Chlorobenzene
Concen: 99.920 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

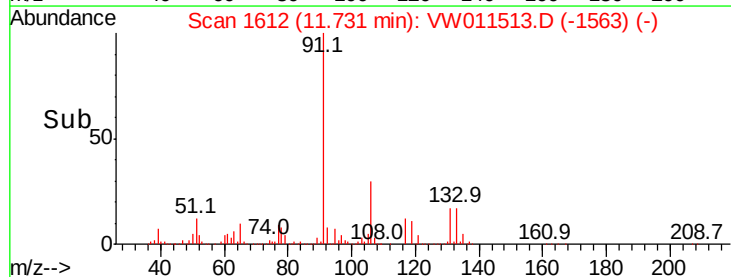
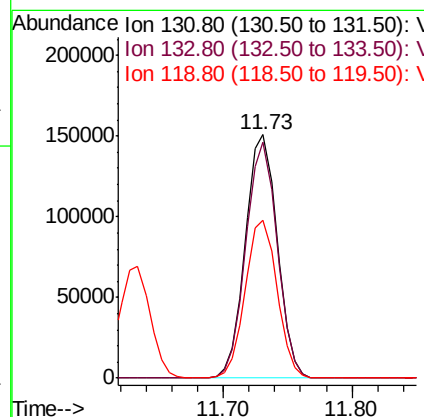
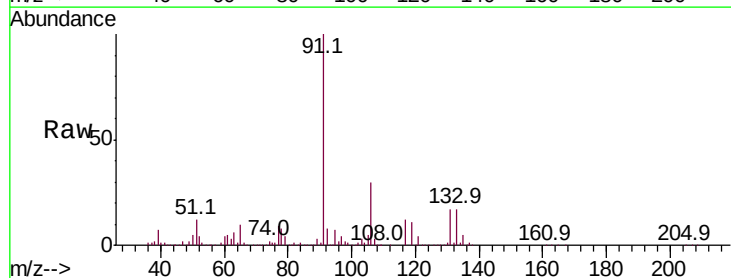
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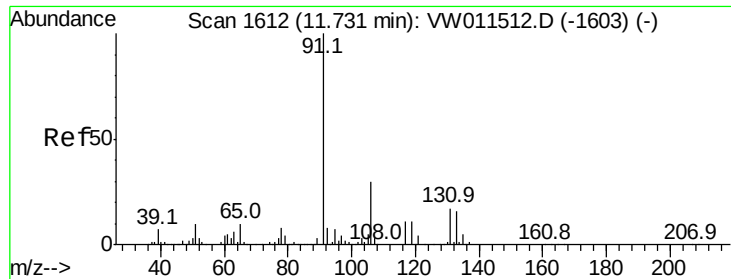
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#66
1,1,1,2-Tetrachloroethane
Concen: 102.229 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.2
119	64.9	32.3	96.9





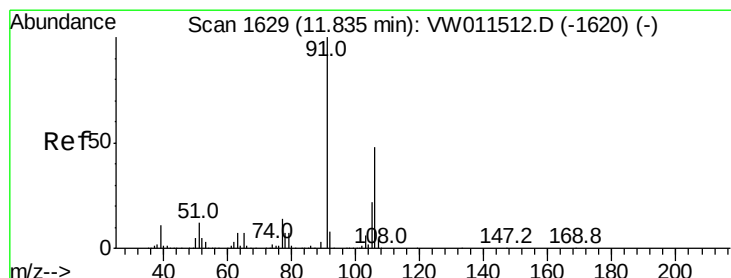
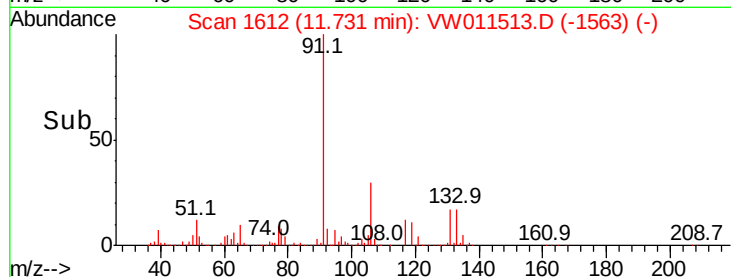
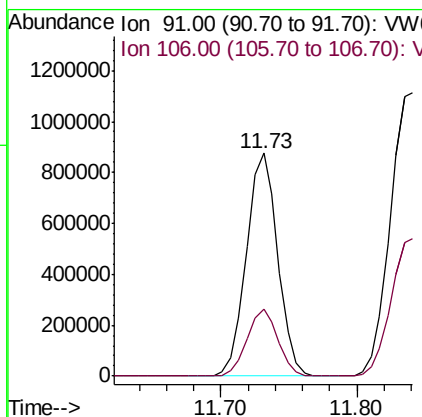
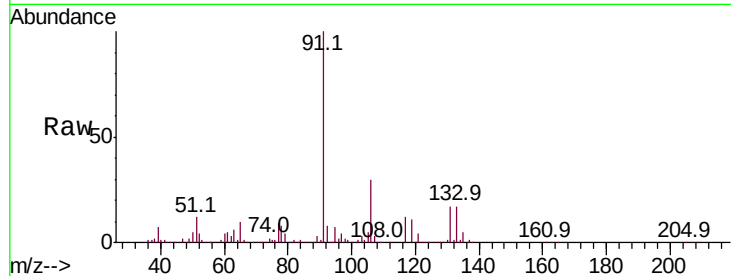
#67
Ethyl Benzene
Concen: 102.238 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1410935
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

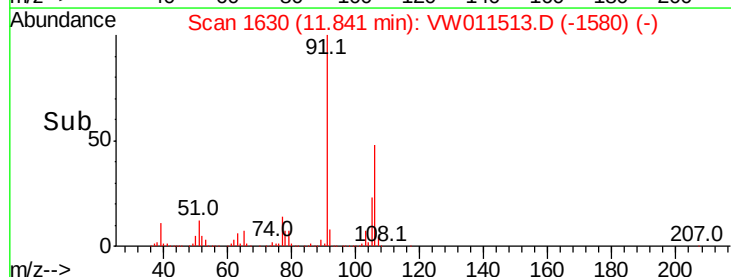
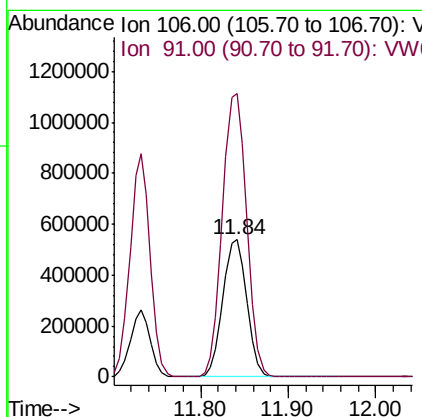
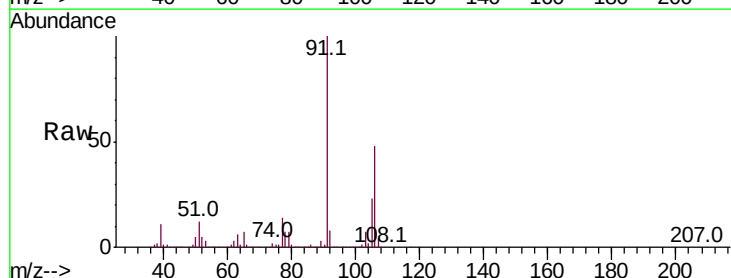
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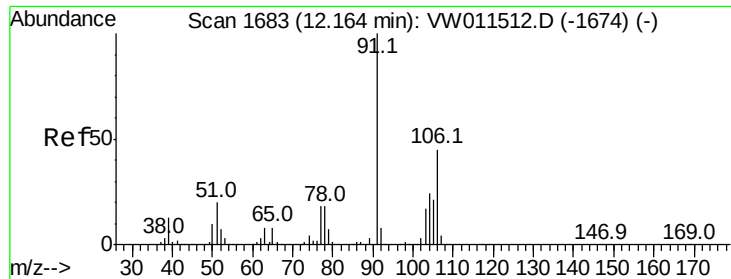
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#68
m/p-Xylenes
Concen: 203.684 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion:106 Resp: 1022256
Ion Ratio Lower Upper
106 100
91 209.7 168.2 252.2





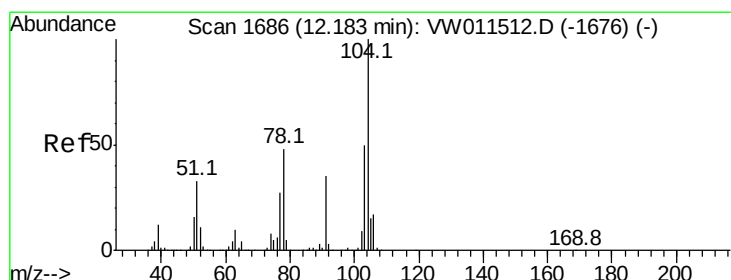
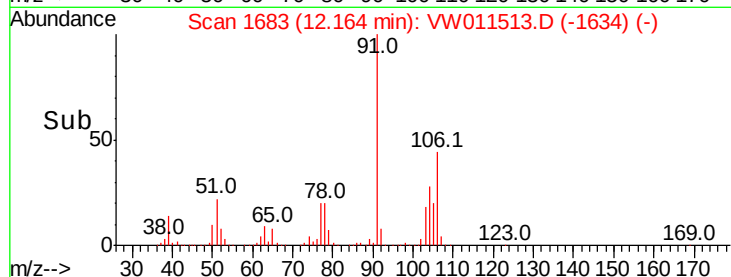
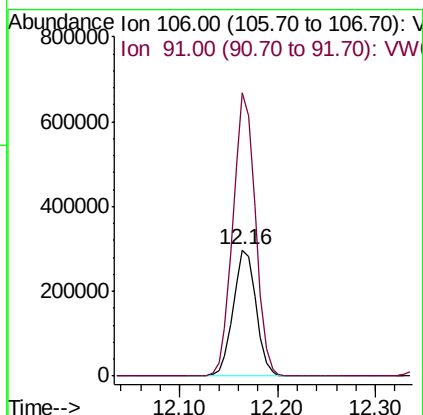
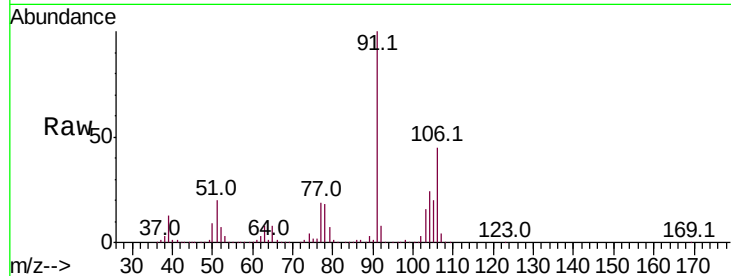
#69
o-Xylene
Concen: 103.067 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.6	110.5	331.5

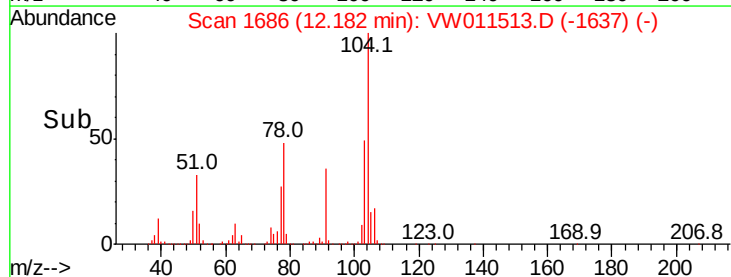
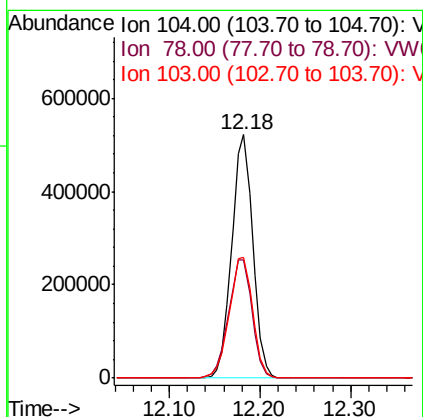
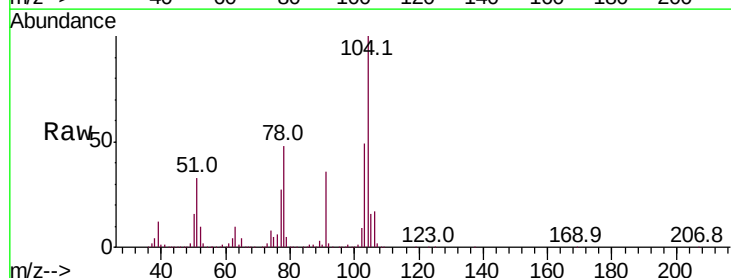
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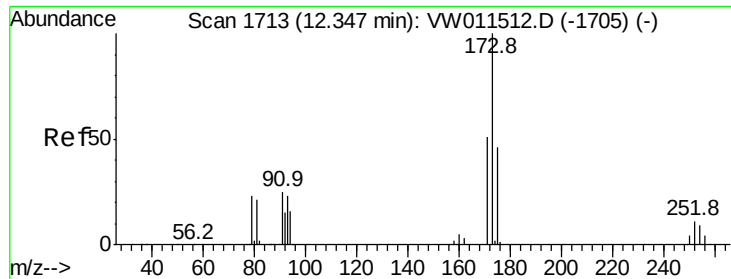
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#70
Styrene
Concen: 104.320 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.1	43.4	65.0
103	54.7	43.9	65.9





#71

Bromoform

Concen: 106.811 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 137454

Ion Ratio Lower Upper

173 100

175 48.6 23.6 71.0

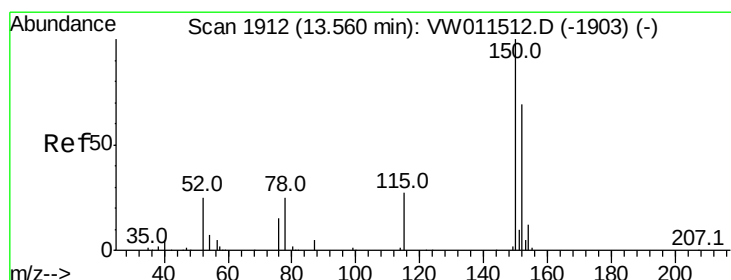
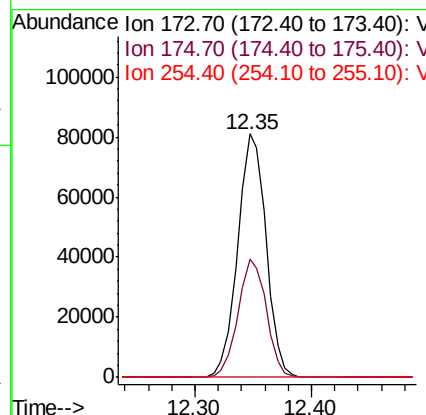
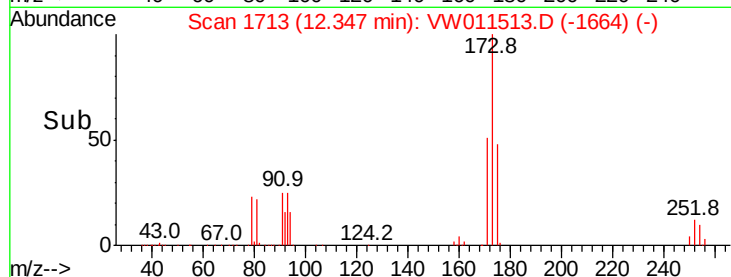
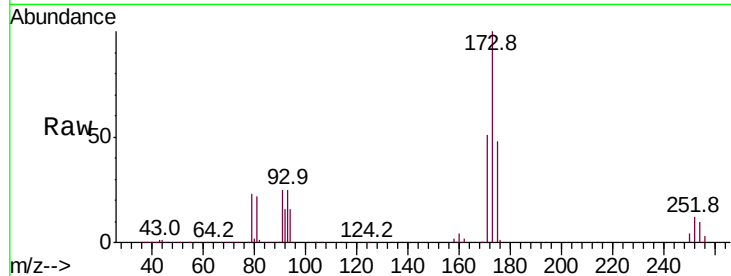
254 0.2 0.1 0.1#

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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: VW011513.D

Acq: 26 Jul 2019 13:17

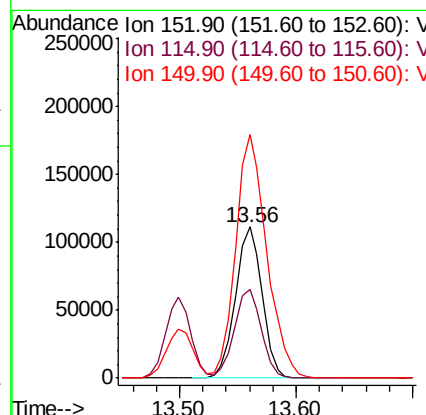
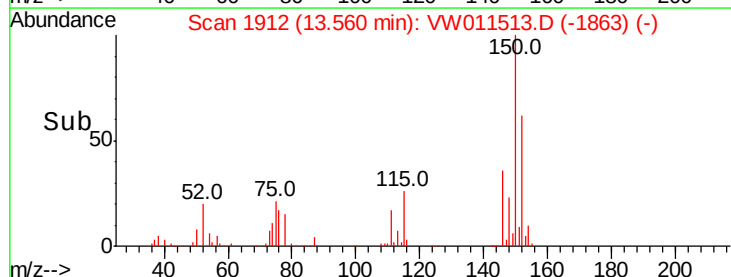
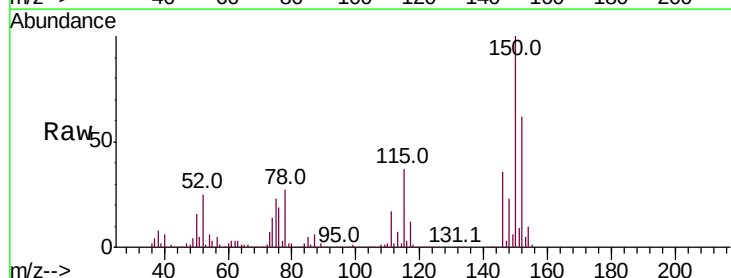
Tgt Ion:152 Resp: 175903

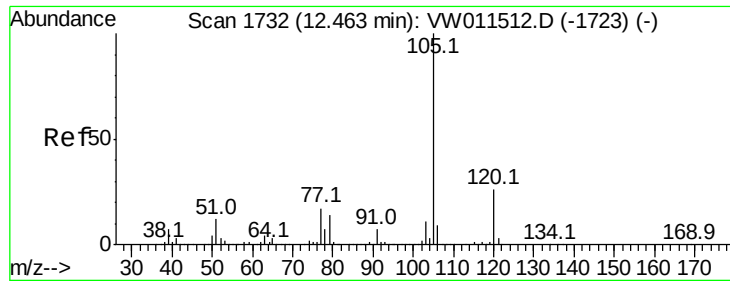
Ion Ratio Lower Upper

152 100

115 59.6 30.5 91.5

150 189.0 0.0 352.6





#73

Isopropylbenzene

Concen: 100.695 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1321401

Ion Ratio Lower Upper

105 100

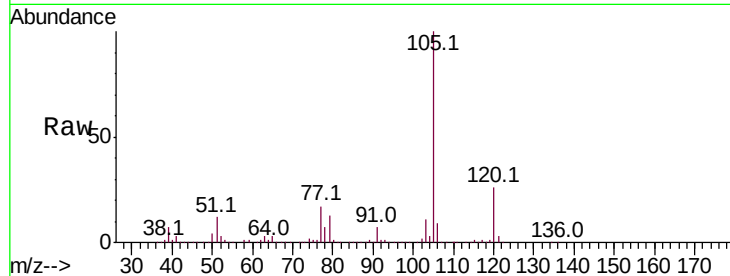
120 25.8 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

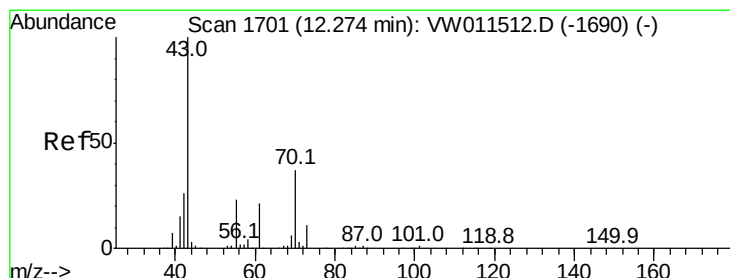
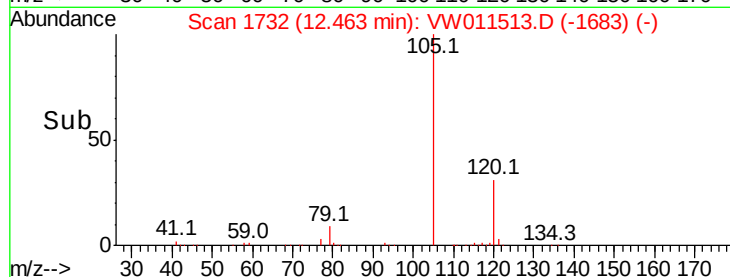
400000

200000

0

12.46

Time-->



#74

N-ethyl acetate

Concen: 108.489 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion: 43 Resp: 445719

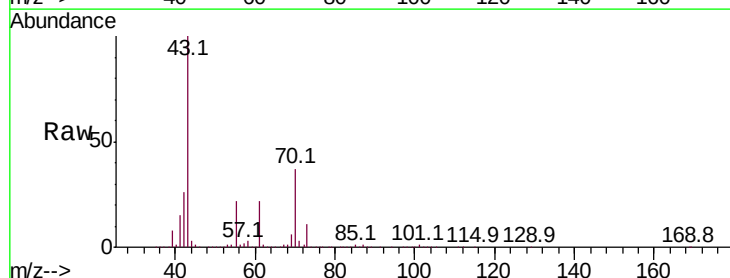
Ion Ratio Lower Upper

43 100

70 36.3 28.6 43.0

55 22.1 17.8 26.8

61 21.7 17.0 25.6



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

400000

300000

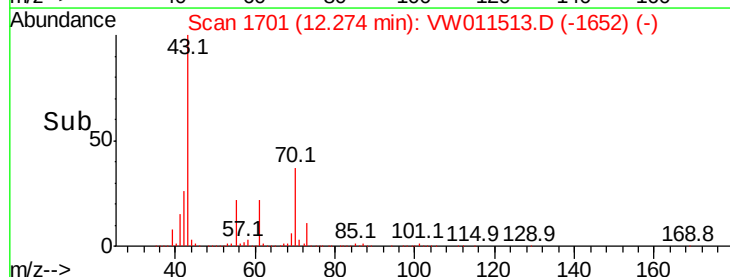
200000

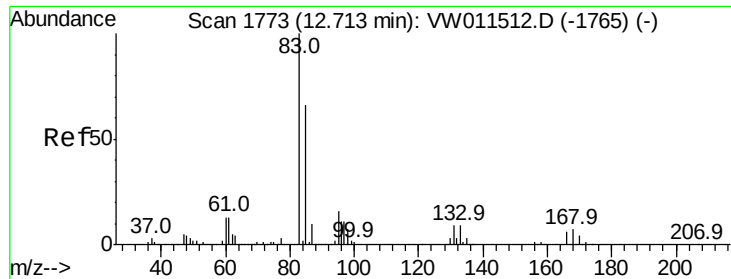
100000

0

12.27

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 101.518 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

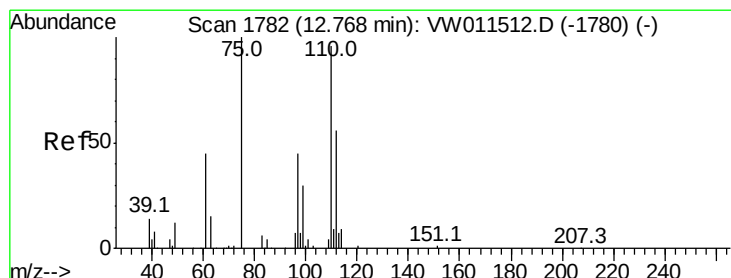
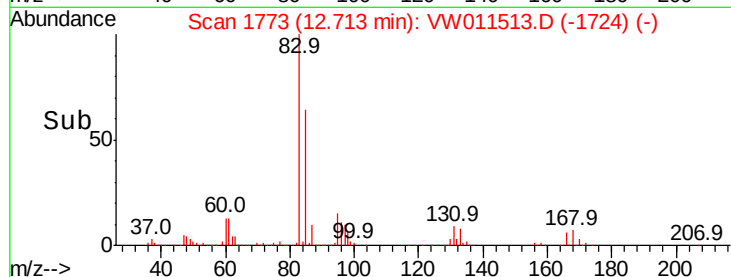
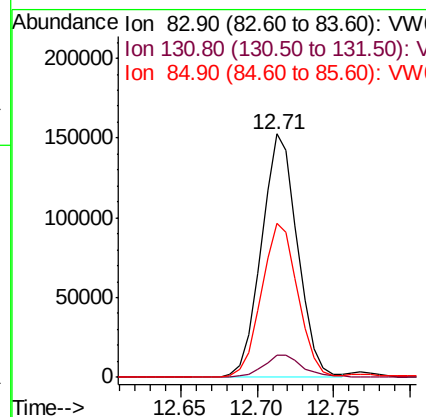
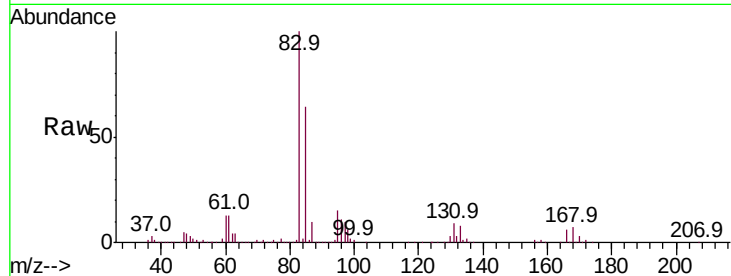
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	250586
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	63.9	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 95.338 ug/l m

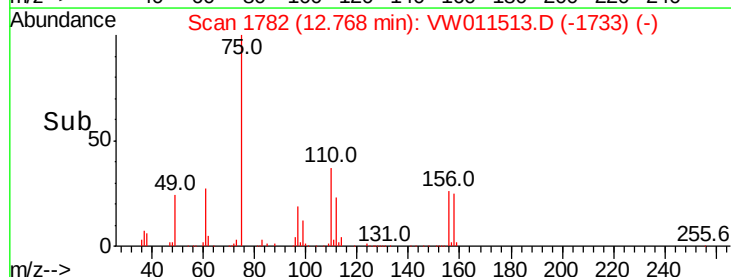
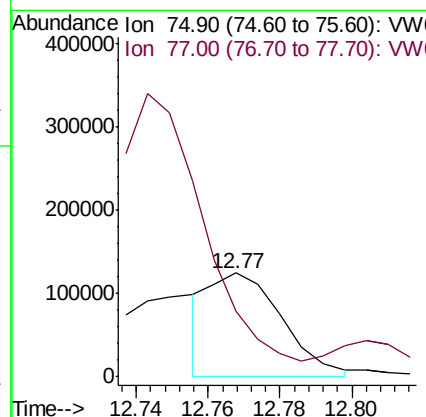
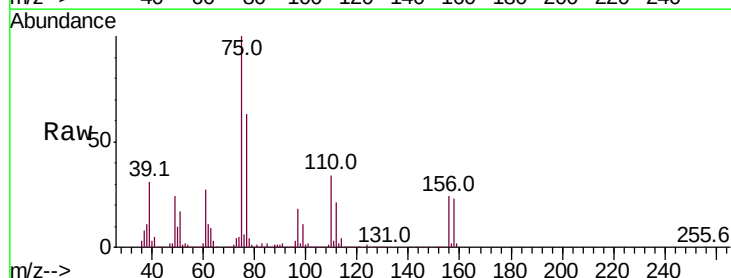
RT: 12.77 min Scan# 1782

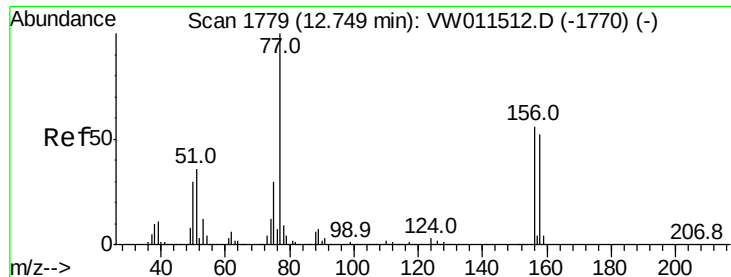
Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion:	75	Resp:	178036
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 101.454 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 294272

Ion Ratio Lower Upper

156 100

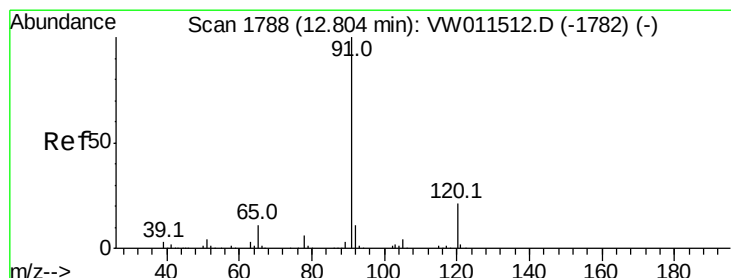
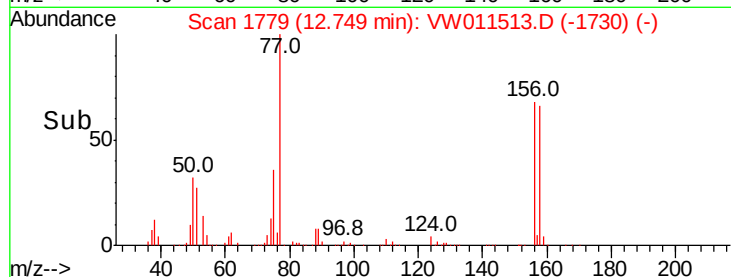
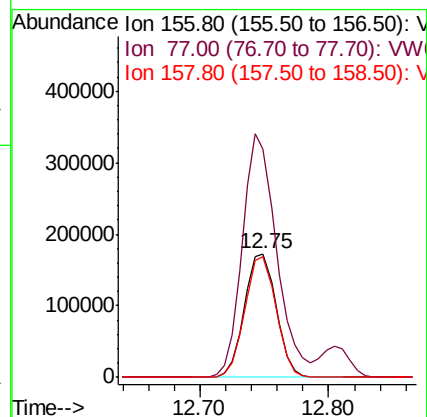
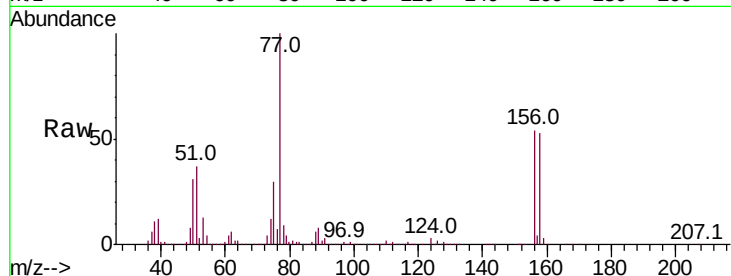
77 212.2 106.5 319.4

158 95.9 48.0 144.2

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#78

n-propylbenzene

Concen: 100.952 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011513.D

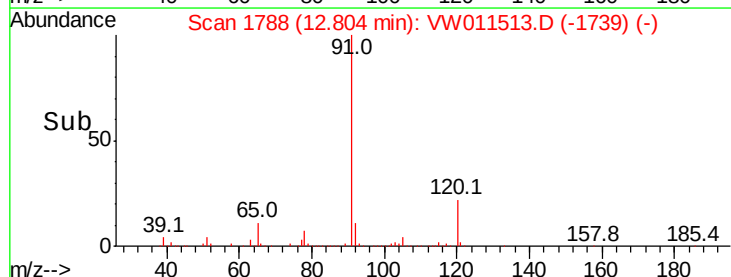
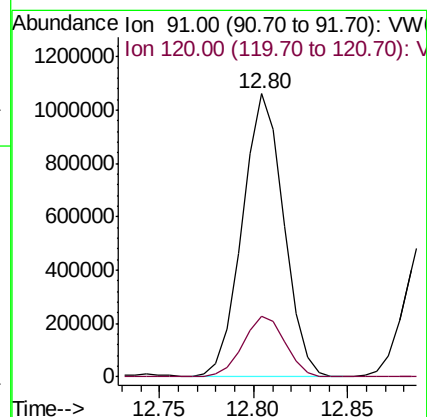
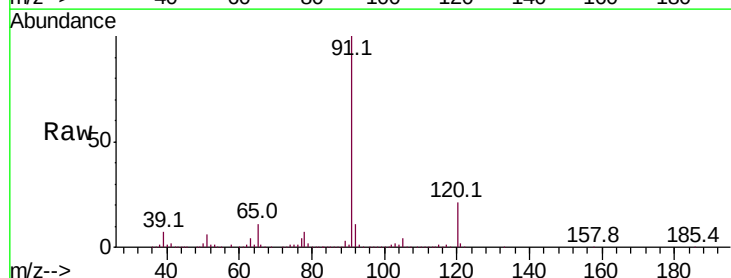
Acq: 26 Jul 2019 13:17

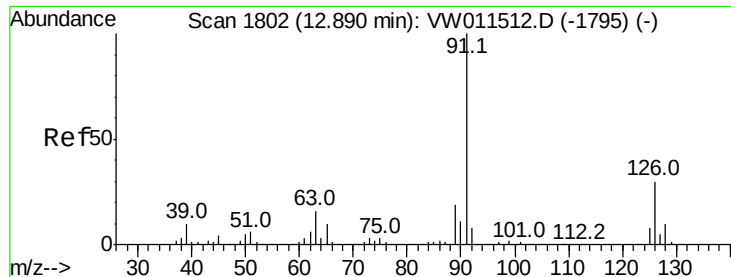
Tgt Ion: 91 Resp: 1612256

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.7





#79

2-Chlorotoluene

Concen: 100.307 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 922890

Ion Ratio Lower Upper

91 100

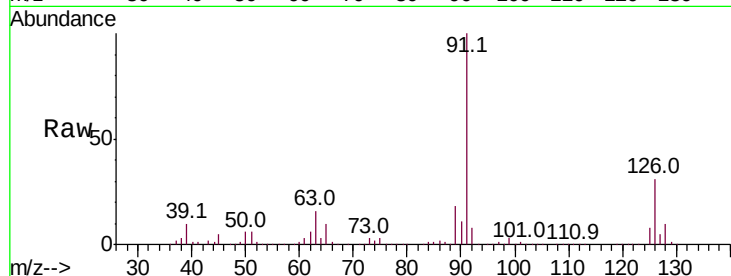
126 31.3 15.7 47.1

Manual Integrations

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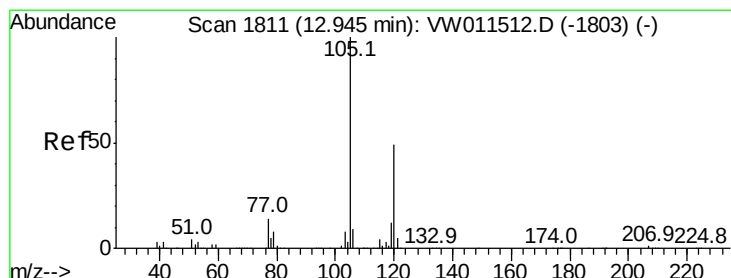
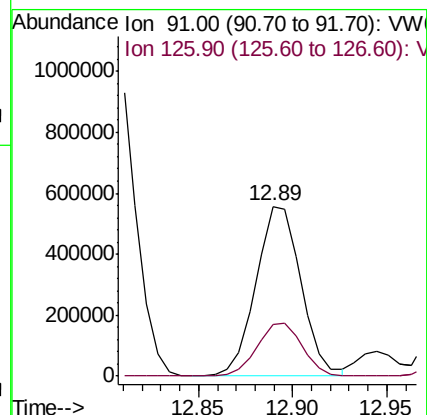
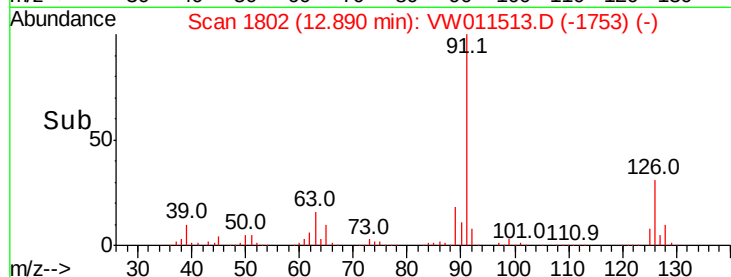
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 101.129 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011513.D

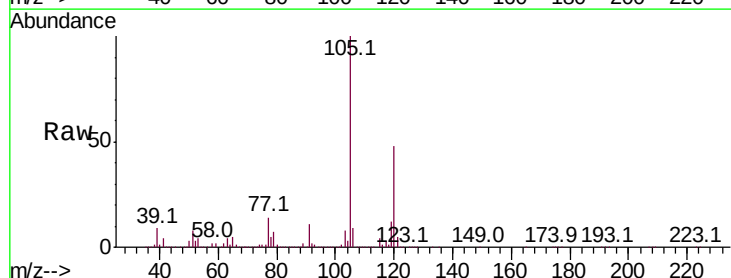
Acq: 26 Jul 2019 13:17

Tgt Ion:105 Resp: 1112439

Ion Ratio Lower Upper

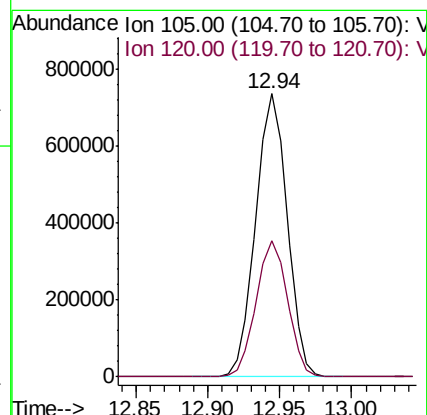
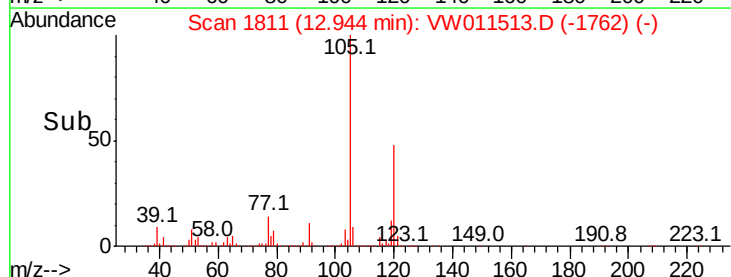
105 100

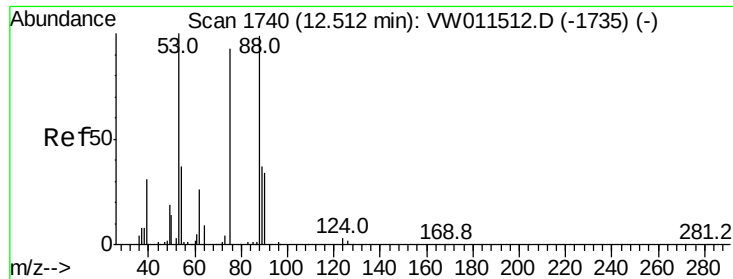
120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





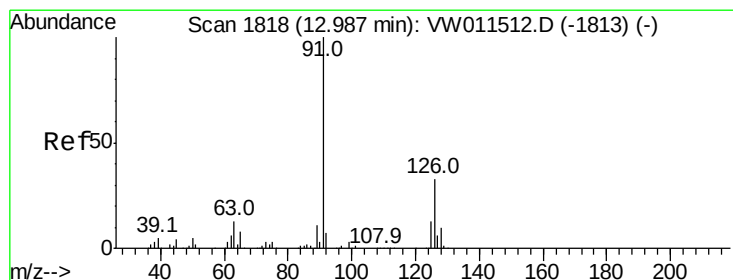
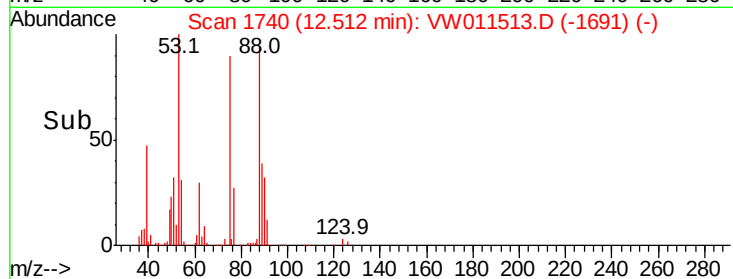
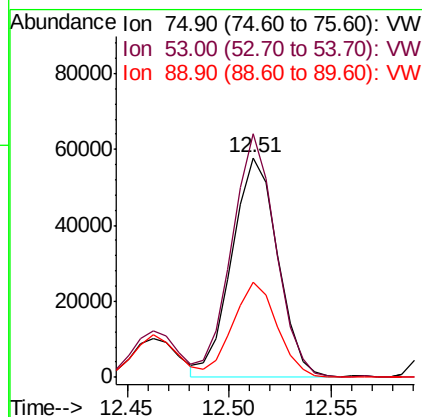
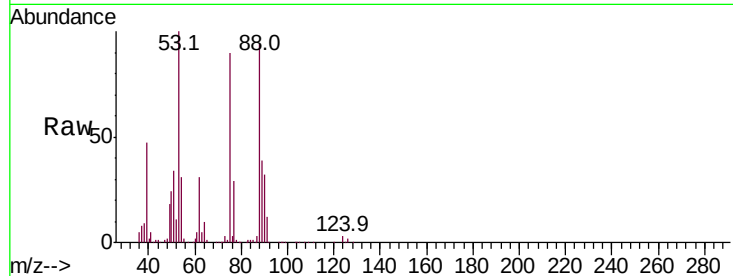
#81
trans-1,4-Dichloro-2-butene
Concen: 110.696 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.5	88.0	132.0
89	42.3	35.3	52.9

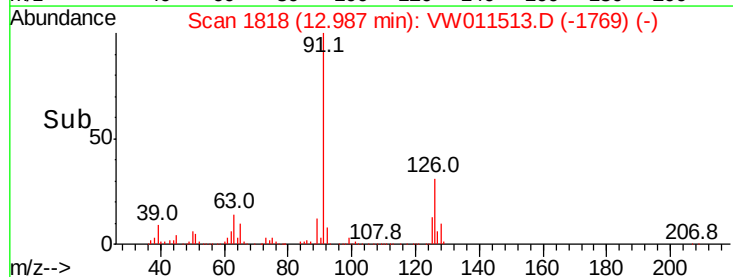
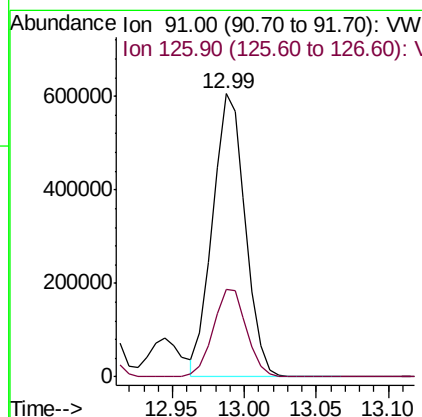
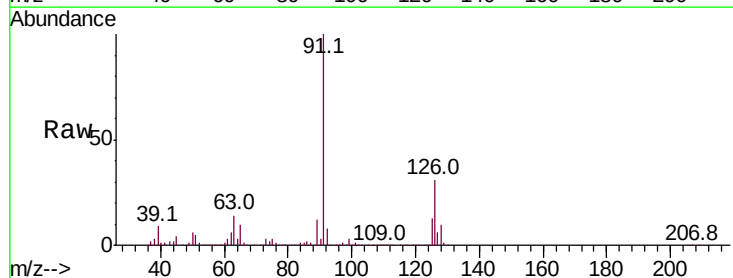
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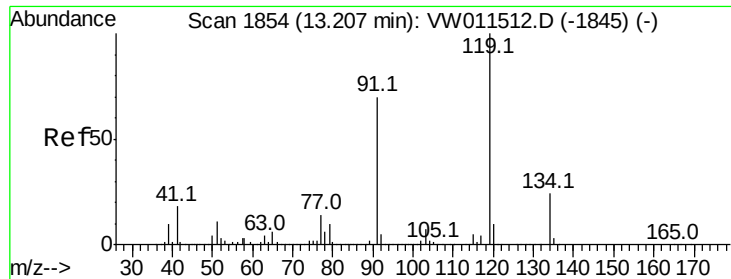
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#82
4-Chlorotoluene
Concen: 98.980 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.6	46.8





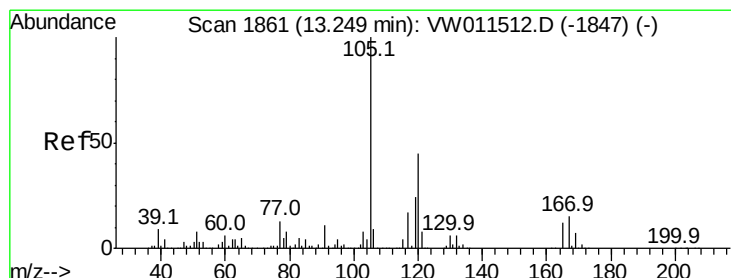
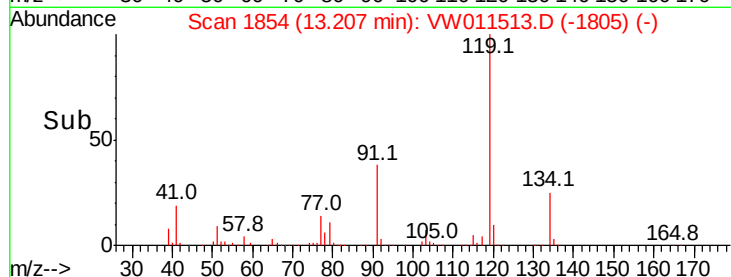
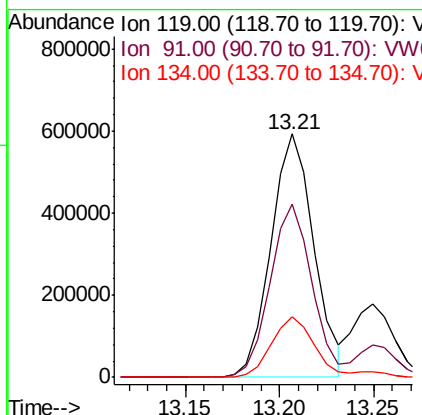
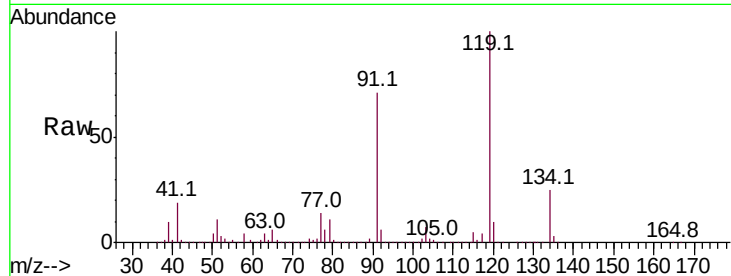
#83
 tert-Butylbenzene
 Concen: 101.724 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	935739		
91	69.0	34.5	103.6	
134	24.8	12.4	37.4	

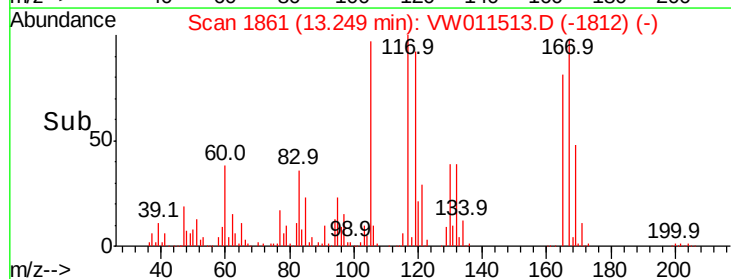
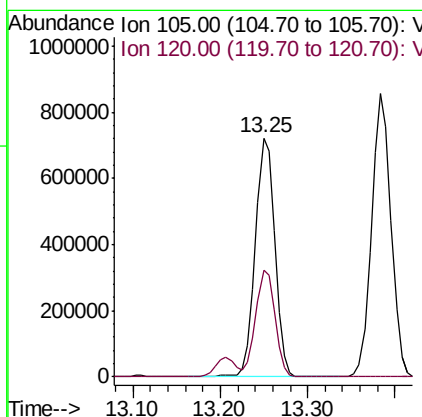
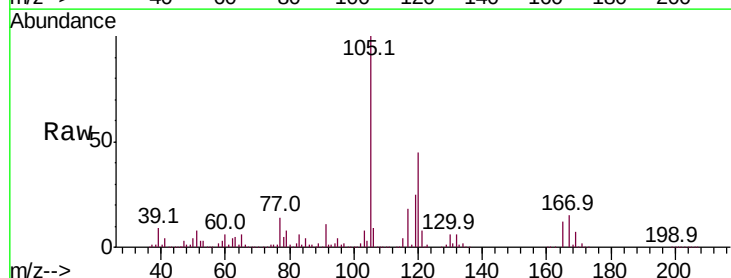
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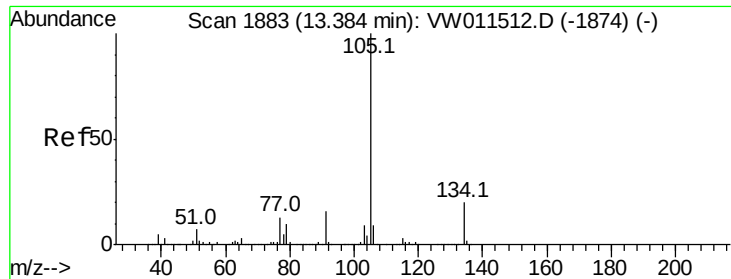
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.094 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1120238		
120	44.3	22.1	66.5	





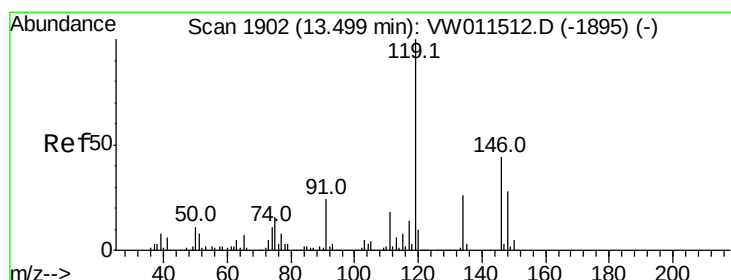
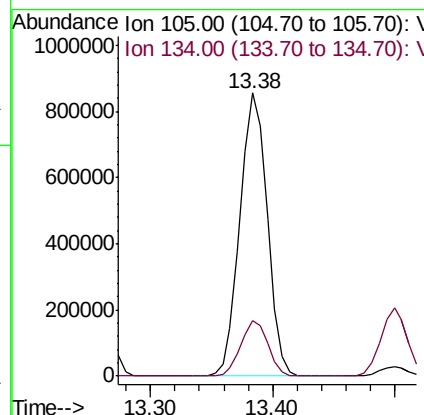
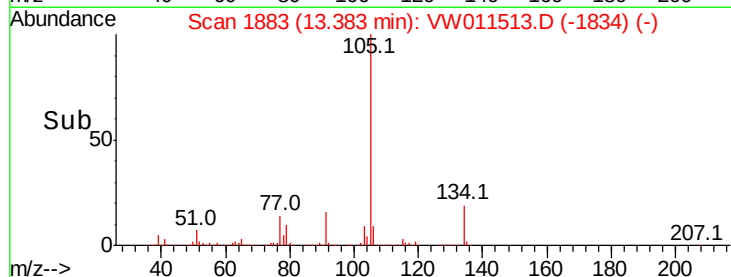
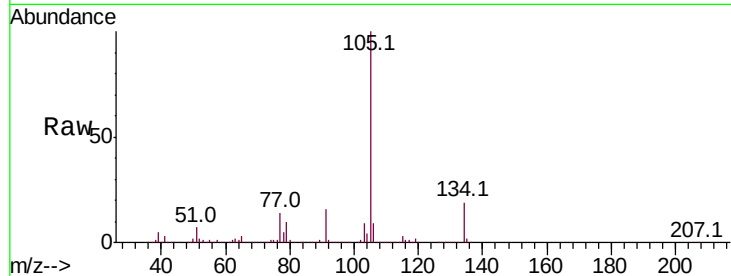
#85
 sec-Butylbenzene
 Concen: 100.697 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1321702
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

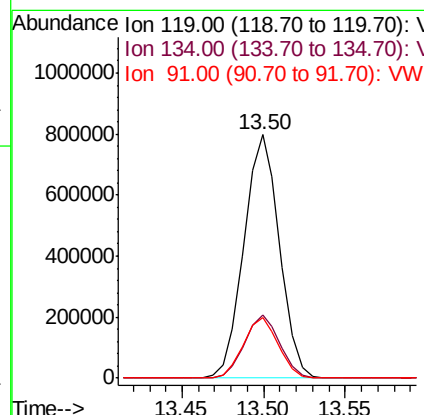
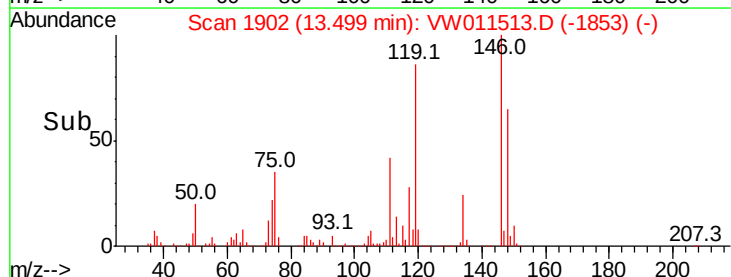
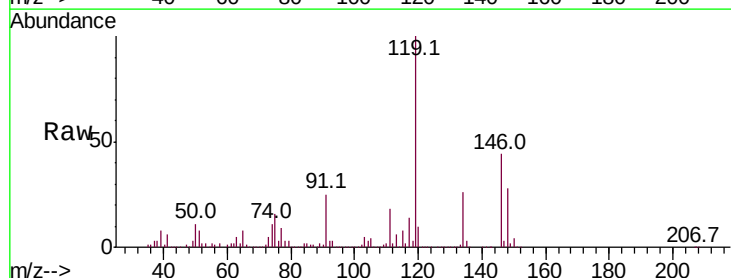
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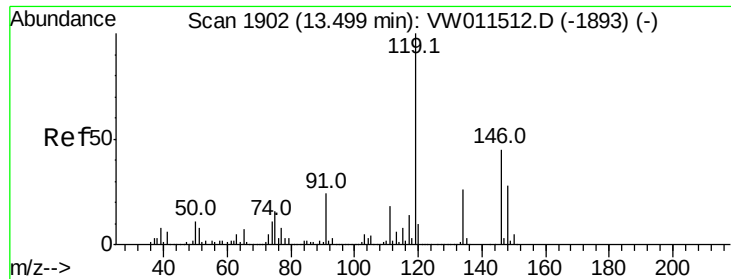
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 101.147 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion:119 Resp: 1204565
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.4 12.1 36.3





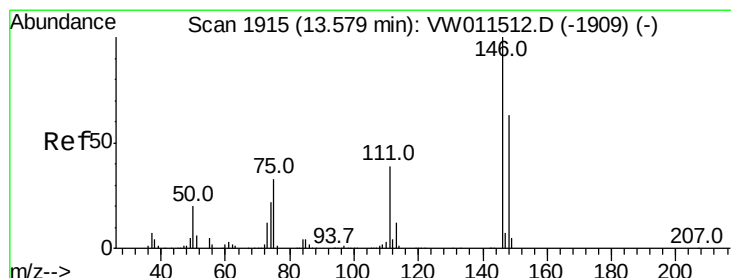
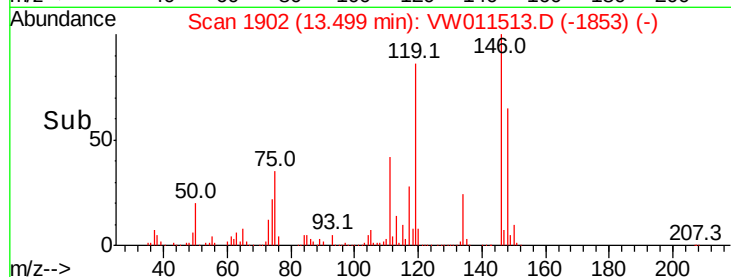
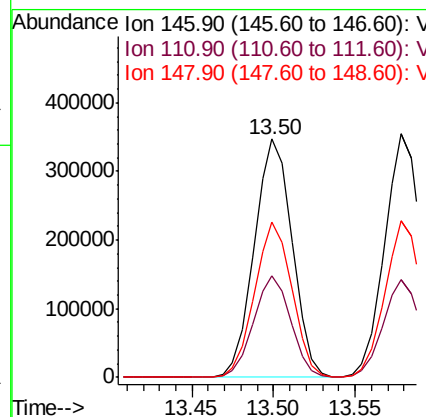
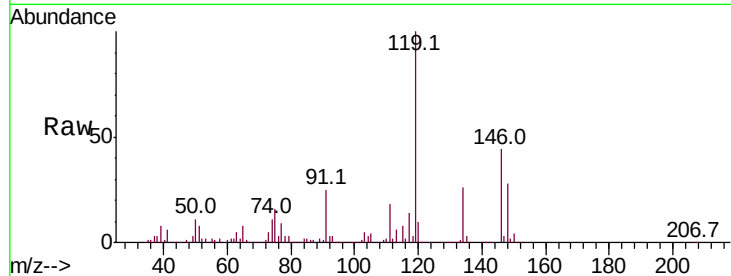
#87
1,3-Dichlorobenzene
Concen: 98.919 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	562583		
111	41.7	20.5	61.6	
148	64.1	31.8	95.3	

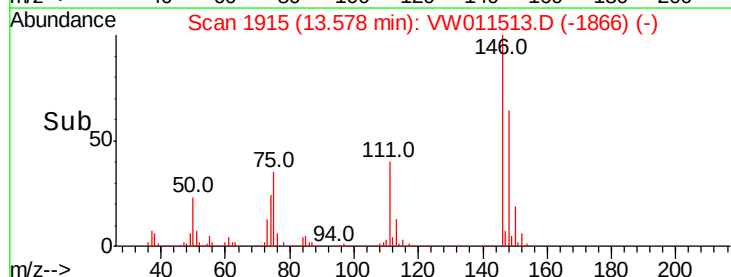
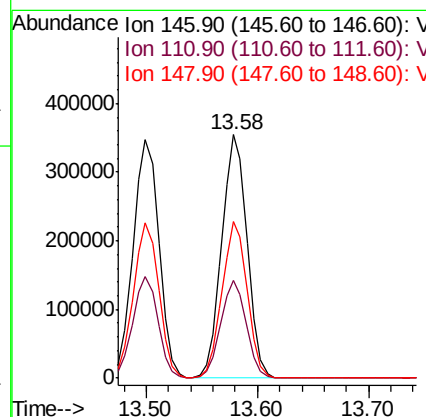
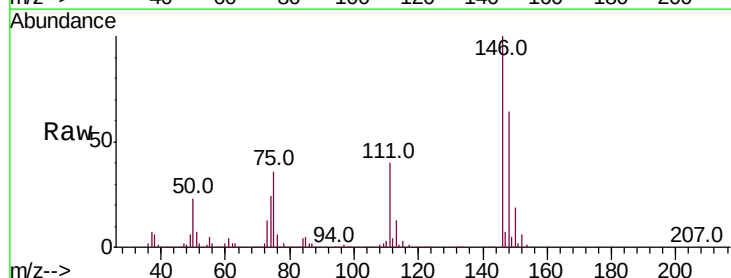
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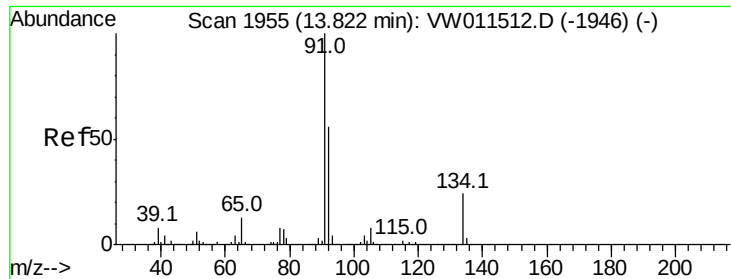
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#88
1,4-Dichlorobenzene
Concen: 98.545 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557523		
111	40.2	20.1	60.2	
148	63.8	31.9	95.9	





#89

n-Butylbenzene

Concen: 101.731 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1209023

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.4

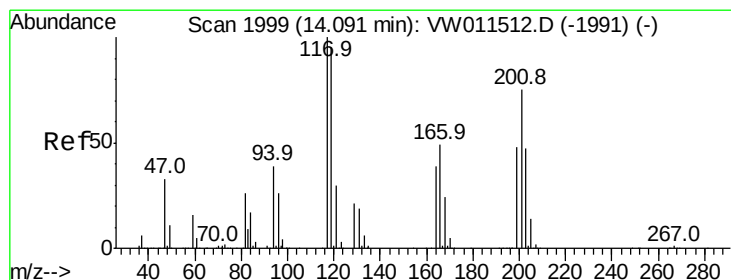
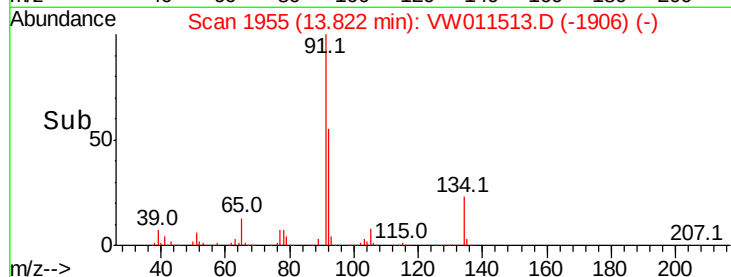
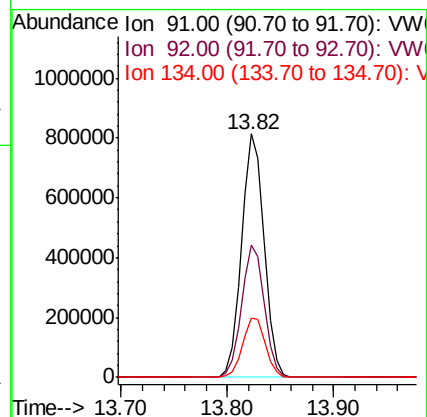
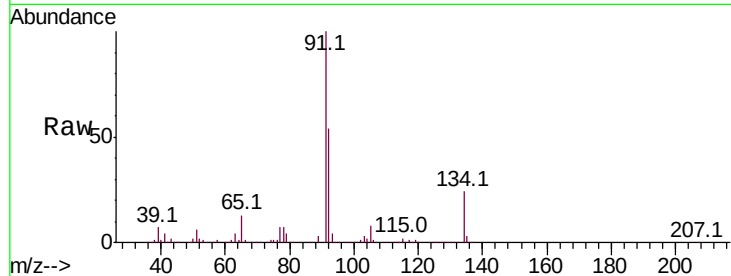
134 24.8 12.2 36.6

Manual Integrations

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#90

Hexachloroethane

Concen: 104.956 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011513.D

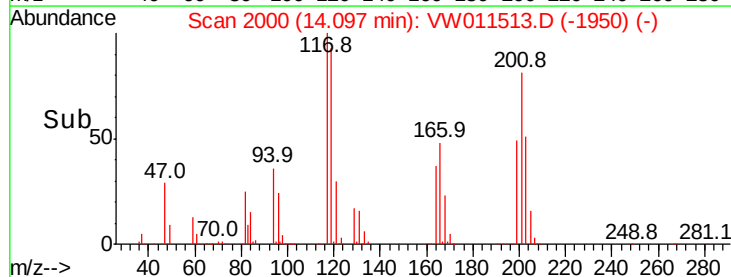
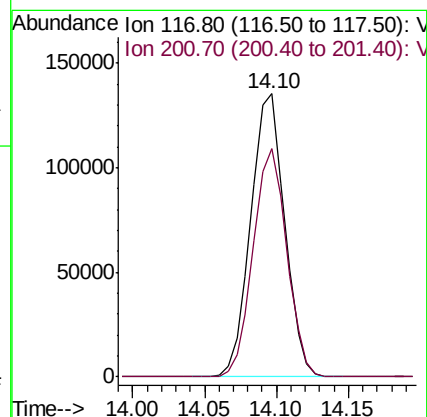
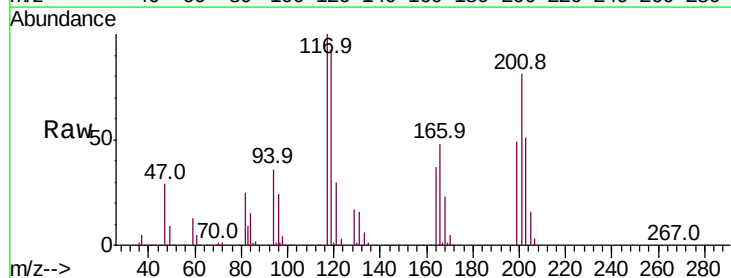
Acq: 26 Jul 2019 13:17

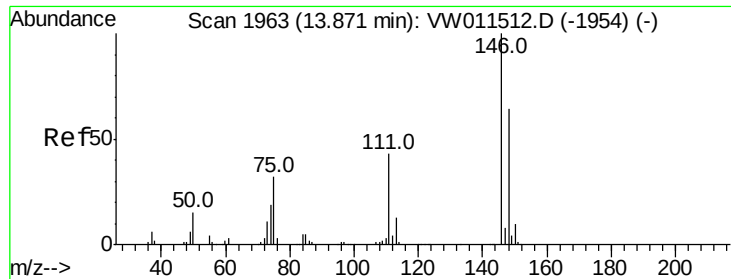
Tgt Ion: 117 Resp: 221022

Ion Ratio Lower Upper

117 100

201 79.8 39.4 118.2





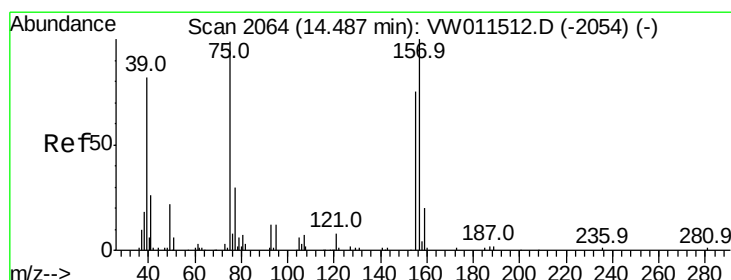
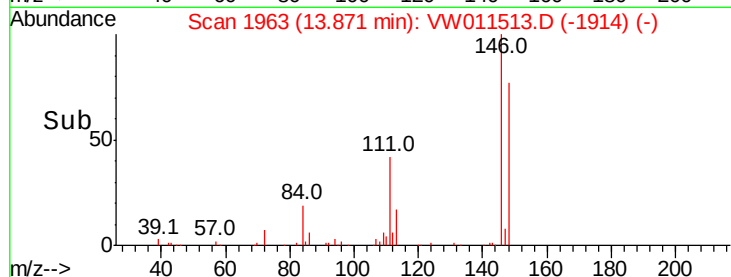
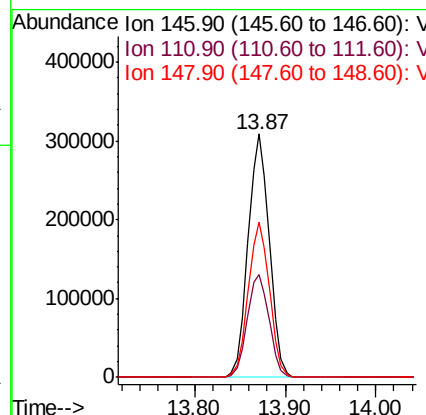
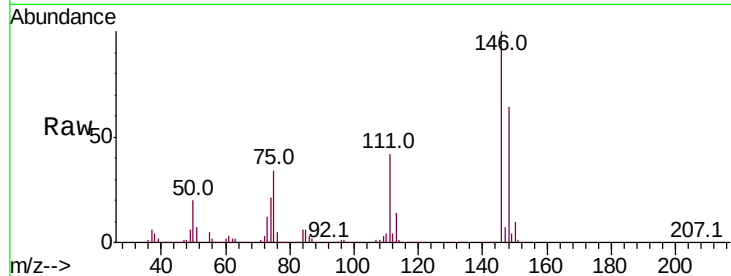
#91
 1,2-Dichlorobenzene
 Concen: 99.406 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	63.4	32.0	96.2

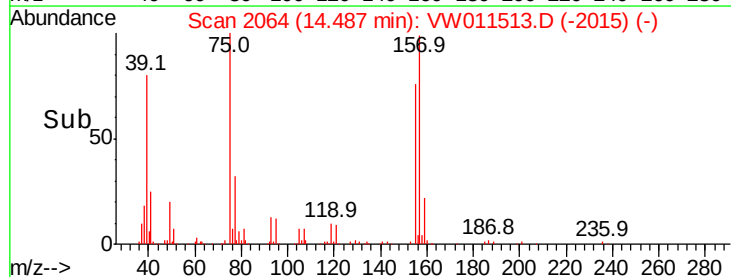
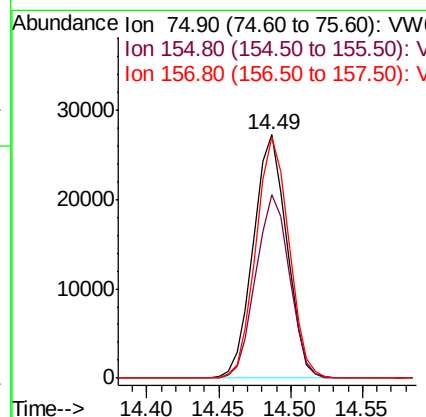
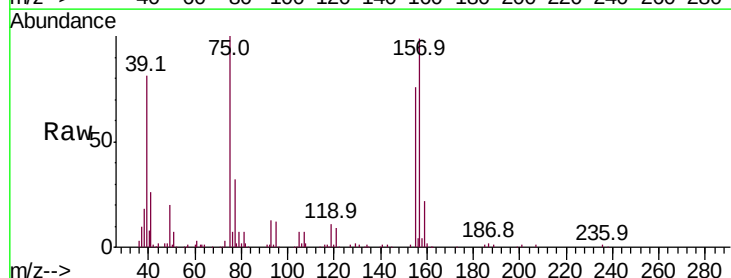
Manual Integrations
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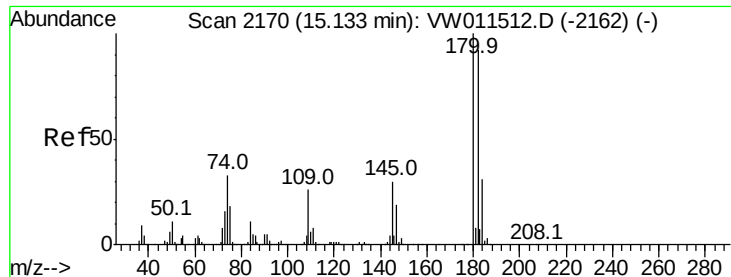
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.209 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011513.D
 Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	38.2	114.6
157	97.4	48.9	146.7





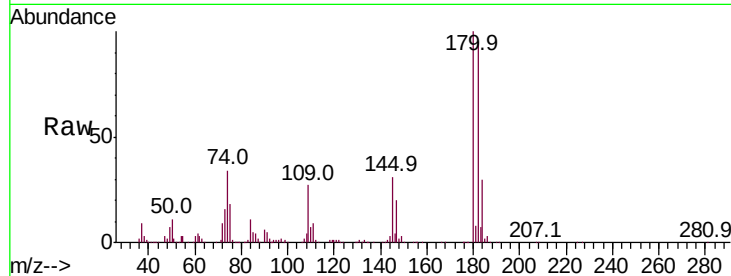
#93
1,2,4-Trichlorobenzene
Concen: 103.058 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.4	142.2	
145	30.1	15.4	46.1	

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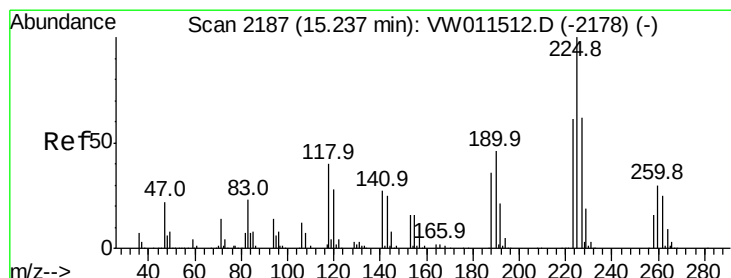
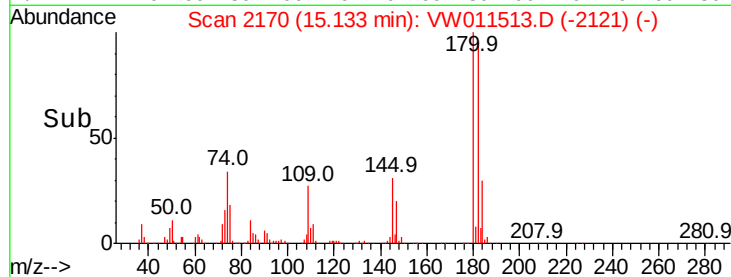
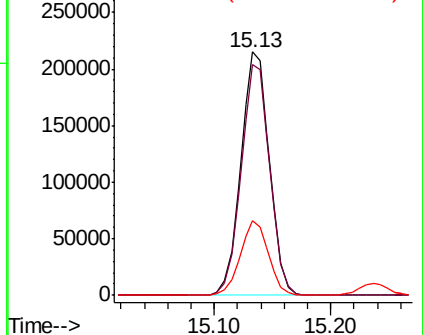


Abundance

Ion 179.80 (179.50 to 180.50): V

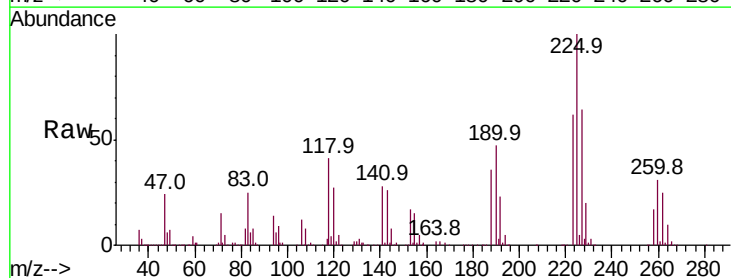
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 98.399 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW011513.D
Acq: 26 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	30.8	92.3	
227	62.9	31.6	94.7	

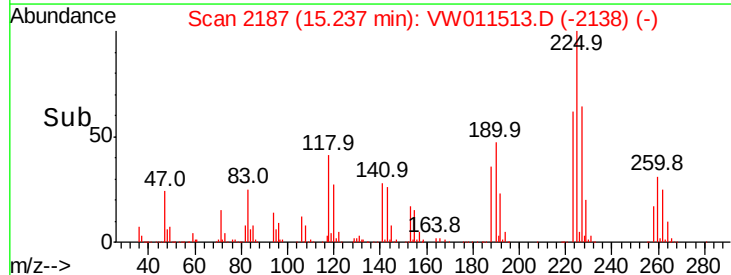
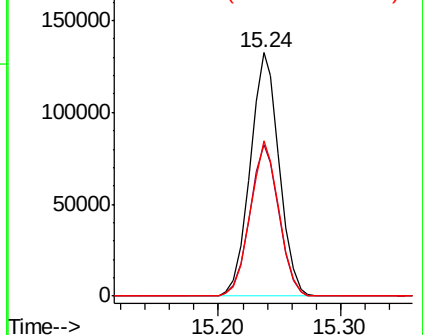


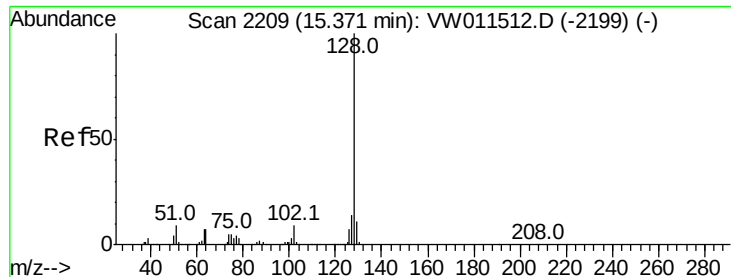
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 110.220 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Instrument :

MSVOA_W

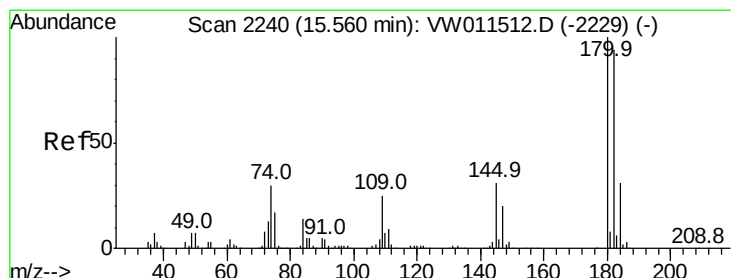
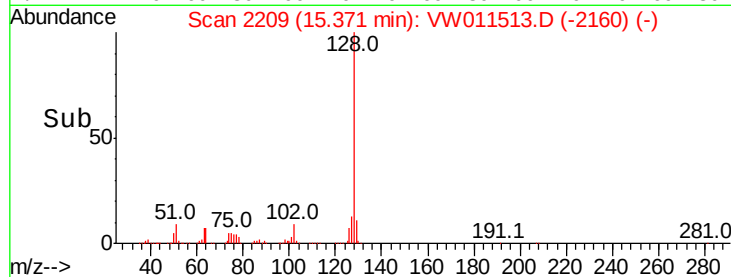
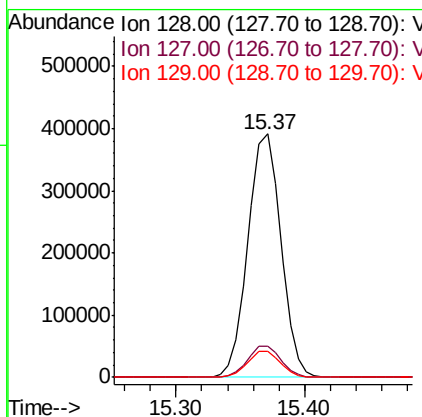
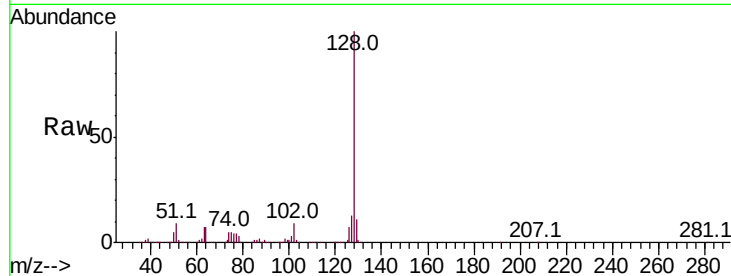
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	692783
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/29/2019 9:17:48 AM



#96

1,2,3-Trichlorobenzene

Concen: 102.491 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011513.D

Acq: 26 Jul 2019 13:17

Tgt Ion:	180	Resp:	318491
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.4	142.2
145	31.9	15.9	47.7

