

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012271.D
 Acq On : 29 Aug 2019 00:18
 Operator : SY/VA
 Sample : VW0828SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:29 AM

Quant Time: Aug 29 07:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133601	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	7.88	113	108214	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.32	98	428248	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.61	95	156505	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	24057	18.614	ug/l	99
3) Chloromethane	2.21	50	38280	19.118	ug/l	99
4) Vinyl Chloride	2.36	62	44575	18.188	ug/l	99
5) Bromomethane	2.77	94	22943	18.485	ug/l	97
6) Chloroethane	2.92	64	26751	19.349	ug/l	95
7) Trichlorofluoromethane	3.25	101	21724	17.653	ug/l	92
8) Diethyl Ether	3.68	74	26031	22.285	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40580	19.400	ug/l	97
10) Methyl Iodide	4.27	142	55376	19.566	ug/l	99
11) Tert butyl alcohol	5.18	59	19374	129.024	ug/l	99
12) 1,1-Dichloroethene	4.04	96	40093	19.043	ug/l	98
13) Acrolein	3.90	56	7983	56.478	ug/l	99
14) Allyl chloride	4.67	41	89088	19.793	ug/l	99
15) Acrylonitrile	5.36	53	68369	118.087	ug/l	99
16) Acetone	4.12	43	58189	91.231	ug/l	97
17) Carbon Disulfide	4.38	76	104296	16.391	ug/l	98
18) Methyl Acetate	4.67	43	42240	26.738	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79189	23.259	ug/l	98
20) Methylene Chloride	4.92	84	53033	21.994	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	45642	20.216	ug/l	94
22) Diisopropyl ether	6.31	45	189175	22.675	ug/l	96
23) Vinyl Acetate	6.25	43	545124	106.171	ug/l	99
24) 1,1-Dichloroethane	6.21	63	94976	20.908	ug/l	99
25) 2-Butanone	7.17	43	97237	112.189	ug/l	98
26) 2,2-Dichloropropane	7.16	77	48997	19.056	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52057	21.581	ug/l	98
28) Bromochloromethane	7.51	49	46245	23.357	ug/l	100
29) Tetrahydrofuran	7.53	42	63707	122.514	ug/l	100
30) Chloroform	7.67	83	90108	21.681	ug/l	94
31) Cyclohexane	7.95	56	82857	18.436	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	68940	20.969	ug/l	98
36) 1,1-Dichloropropene	8.08	75	68548	19.183	ug/l	100
37) Ethyl Acetate	7.25	43	43591	22.261	ug/l	98
38) Carbon Tetrachloride	8.07	117	58984	19.071	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71548	17.823	ug/l	95
40) Benzene	8.32	78	198332	20.327	ug/l	99
41) Methacrylonitrile	7.48	41	26361	22.905	ug/l	98
42) 1,2-Dichloroethane	8.40	62	66593	21.777	ug/l	99
43) Isopropyl Acetate	8.42	43	81869	22.572	ug/l	100
44) Trichloroethene	9.09	130	47830	20.165	ug/l	97
45) 1,2-Dichloropropane	9.37	63	55910	21.291	ug/l	95
46) Dibromomethane	9.46	93	25894	22.162	ug/l	96
47) Bromodichloromethane	9.65	83	65142	20.949	ug/l	94
48) Methyl methacrylate	9.44	41	38778	22.463	ug/l	96
49) 1,4-Dioxane	9.46	88	8975	501.777	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	216326	117.260	ug/l	100
52) Toluene	10.39	92	121851	20.788	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66303	20.933	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78576	20.545	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36791	22.256	ug/l	96
56) Ethyl methacrylate	10.65	69	54779	22.768	ug/l	99
57) 1,3-Dichloropropane	10.93	76	70082	22.434	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	140785	114.016	ug/l	99
59) 2-Hexanone	10.97	43	144966	111.055	ug/l	99
60) Dibromochloromethane	11.13	129	39952	21.698	ug/l	99
61) 1,2-Dibromoethane	11.23	107	34815	22.606	ug/l	99
64) Tetrachloroethene	10.86	164	40507	20.376	ug/l	95
65) Chlorobenzene	11.66	112	124752	20.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44583	21.166	ug/l	98
67) Ethyl Benzene	11.73	91	235594	20.256	ug/l	99
68) m/p-Xylenes	11.84	106	168229	40.155	ug/l	100
69) o-Xylene	12.16	106	80025	20.638	ug/l	100
70) Styrene	12.18	104	140406	20.920	ug/l	100
71) Bromoform	12.35	173	22990	21.907	ug/l #	97
73) Isopropylbenzene	12.46	105	224403	20.226	ug/l	99
74) N-amyl acetate	12.27	43	70402	21.003	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	45063	22.155	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31525m	21.861	ug/l	
77) Bromobenzene	12.75	156	50630	21.094	ug/l	99
78) n-propylbenzene	12.80	91	269783	19.918	ug/l	98
79) 2-Chlorotoluene	12.89	91	155439	20.214	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	191598	20.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13448	20.447	ug/l	97
82) 4-Chlorotoluene	12.99	91	164516	20.432	ug/l	100
83) tert-Butylbenzene	13.21	119	160357	20.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	191283	20.540	ug/l	100
85) sec-Butylbenzene	13.38	105	227083	20.183	ug/l	99
86) p-Isopropyltoluene	13.50	119	203015	20.205	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98096	20.895	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	98242	21.075	ug/l	99
89) n-Butylbenzene	13.82	91	197589	19.775	ug/l	100
90) Hexachloroethane	14.09	117	35182	19.957	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	88464	21.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7624	22.234	ug/l	95

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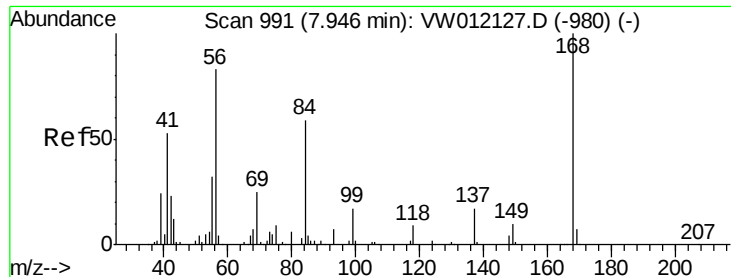
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61384	21.567	ug/l	99
94) Hexachlorobutadiene	15.24	225	39306	20.915	ug/l	98
95) Naphthalene	15.36	128	112879	22.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	55026	22.159	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion:168 Resp: 209898

Ion Ratio Lower Upper

168 100

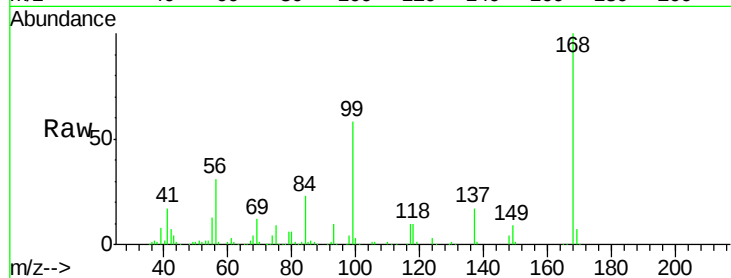
99 58.1 49.2 73.8

Manual Integrations

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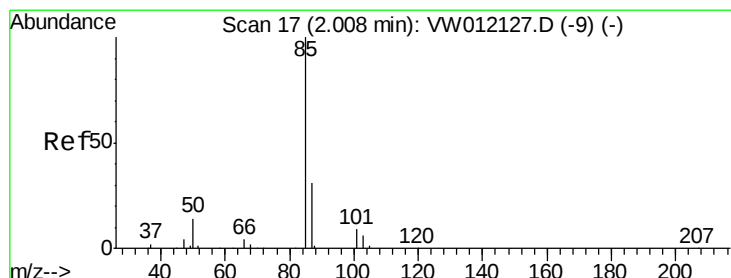
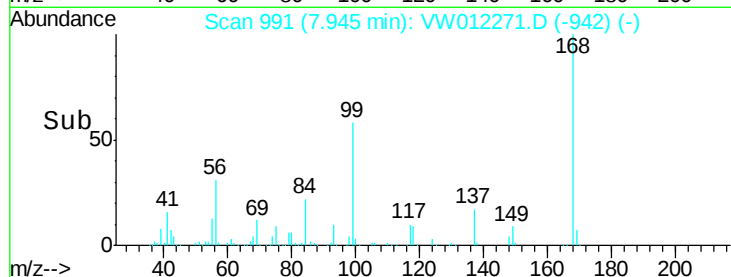
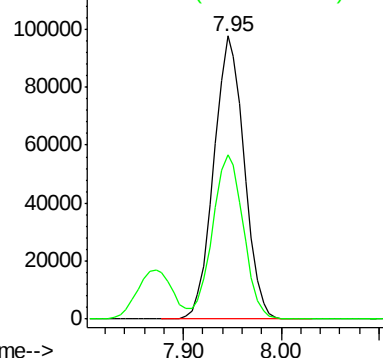
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.614 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012271.D

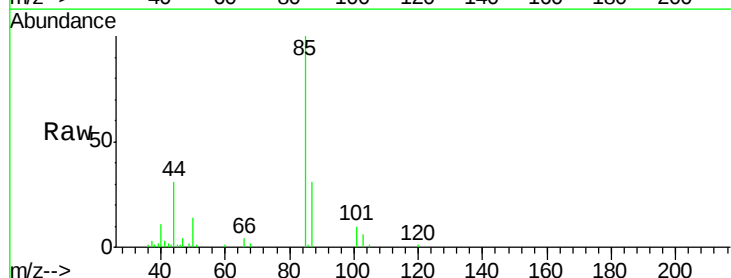
Acq: 29 Aug 2019 00:18

Tgt Ion: 85 Resp: 24057

Ion Ratio Lower Upper

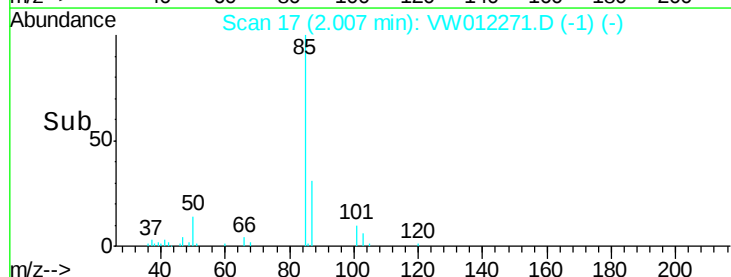
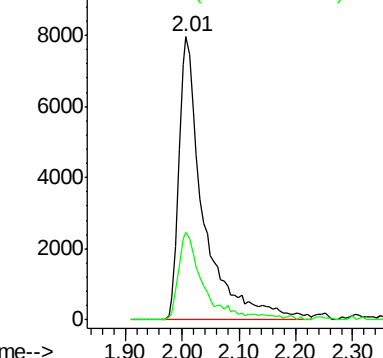
85 100

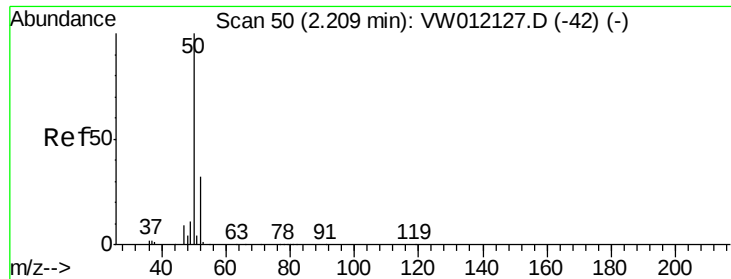
87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.118 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD02

Tot Ion: 50 Resp: 38280

Ion Ratio Lower Upper

50 100

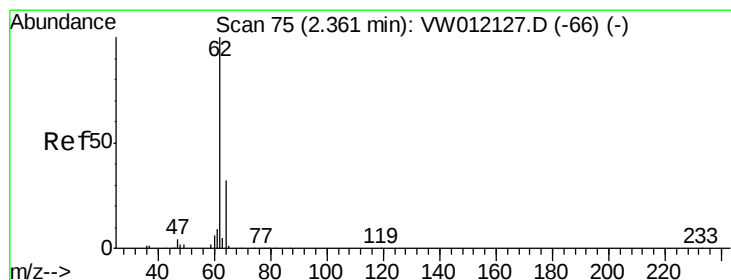
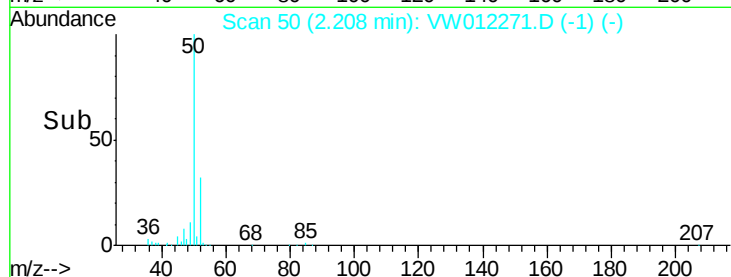
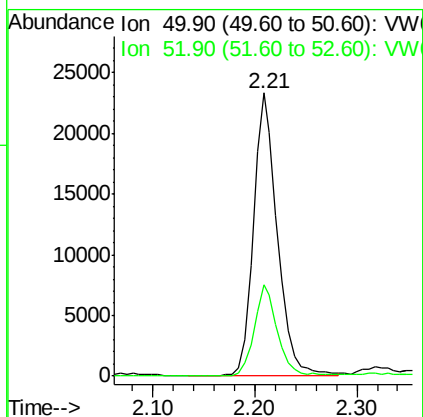
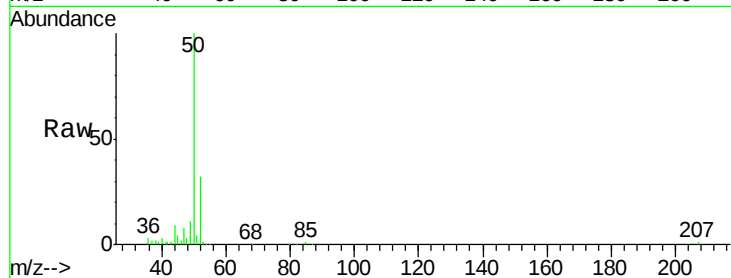
52 32.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.188 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012271.D

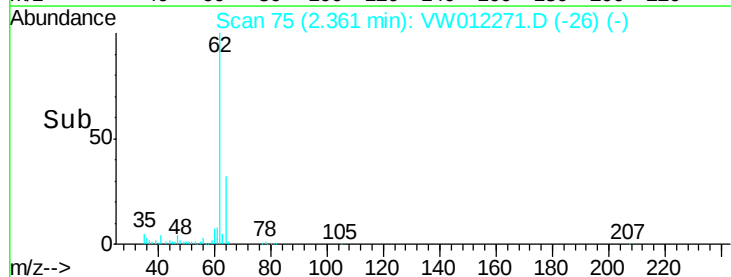
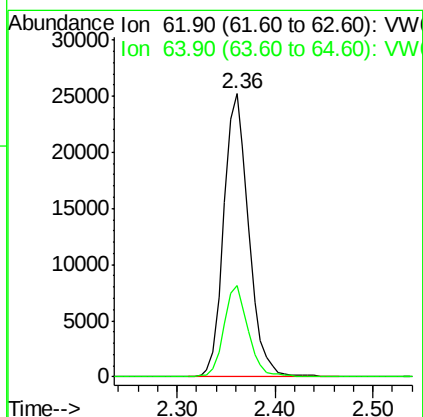
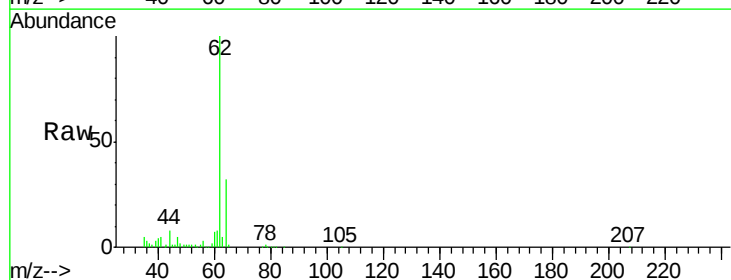
Acq: 29 Aug 2019 00:18

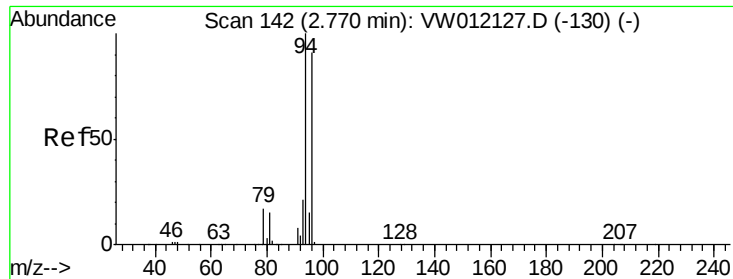
Tgt Ion: 62 Resp: 44575

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 18.485 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 94 Resp: 22943

Ion Ratio Lower Upper

94 100

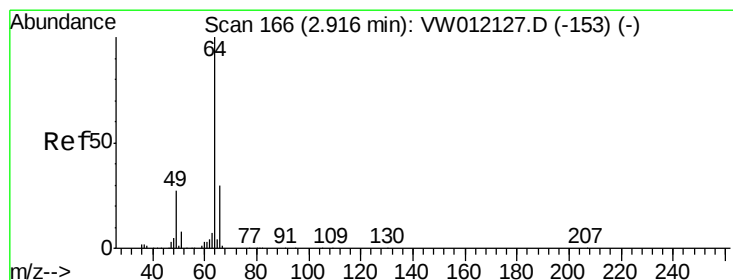
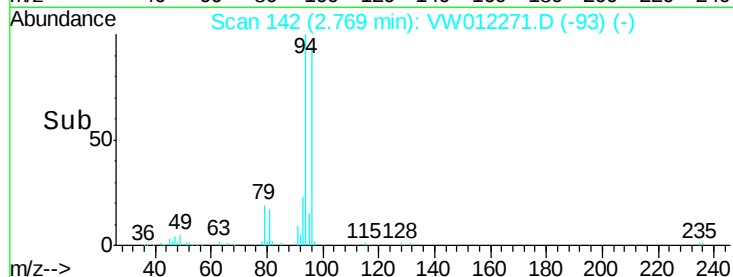
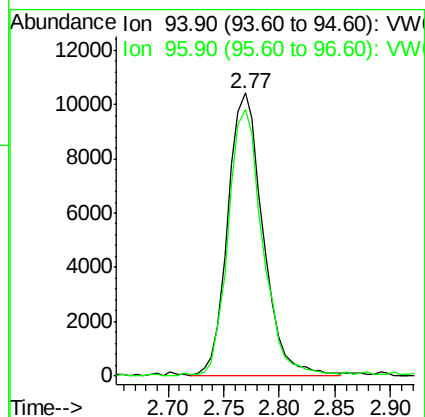
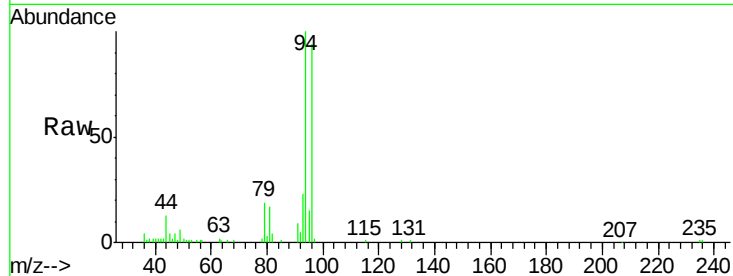
96 93.8 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 19.349 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012271.D

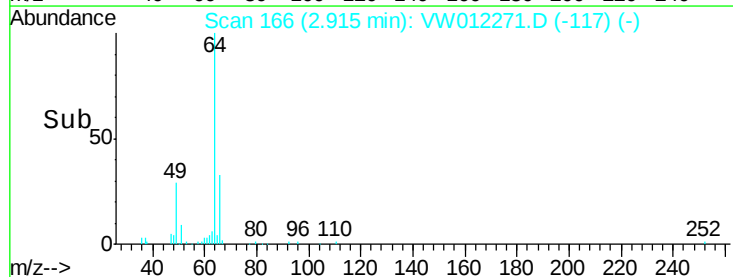
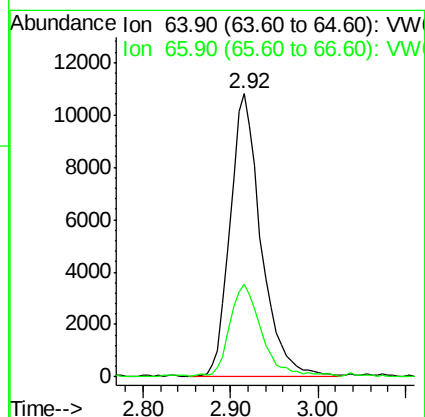
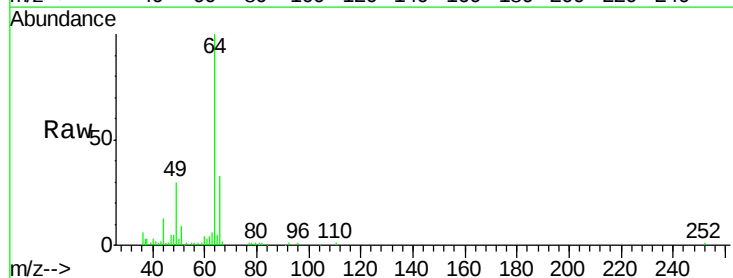
Acq: 29 Aug 2019 00:18

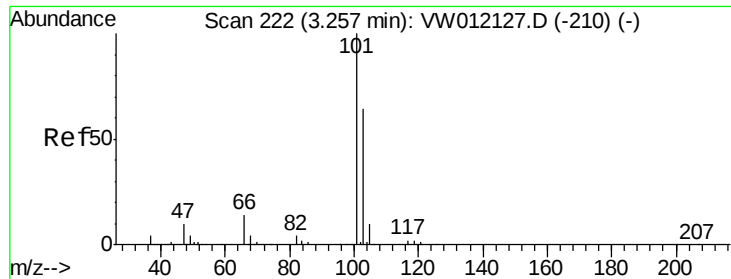
Tgt Ion: 64 Resp: 26751

Ion Ratio Lower Upper

64 100

66 32.5 23.8 35.8





#7

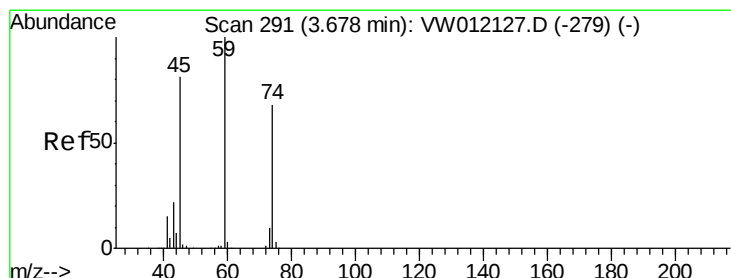
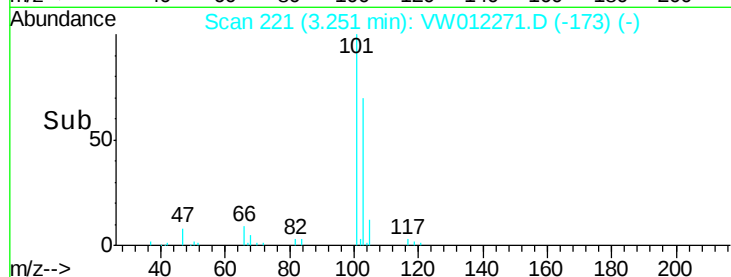
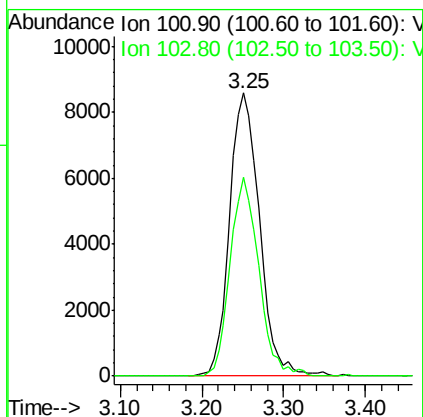
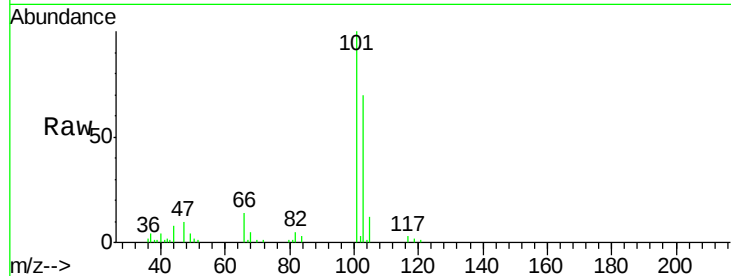
Trichlorofluoromethane
 Concen: 17.653 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

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Tot Ion	Ratio	Lower	Upper
101	100		
103	70.3	51.2	76.8

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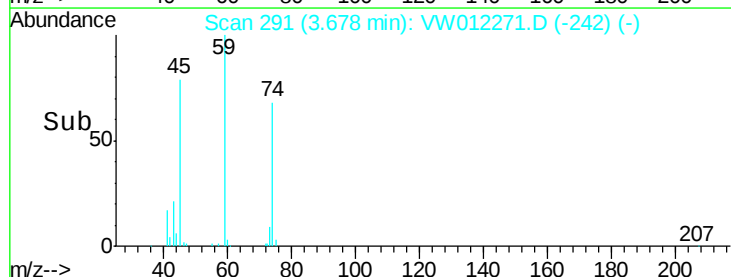
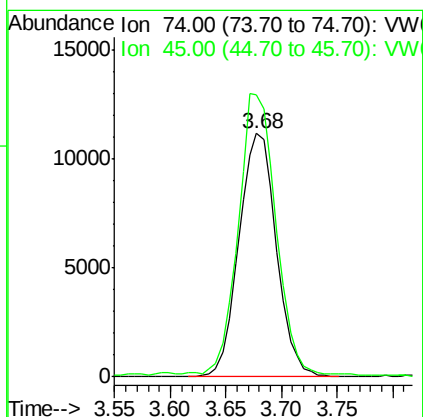
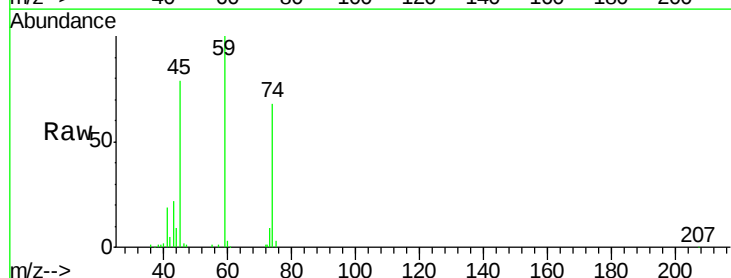
MMDadoda
 8/29/2019 9:41:29 AM

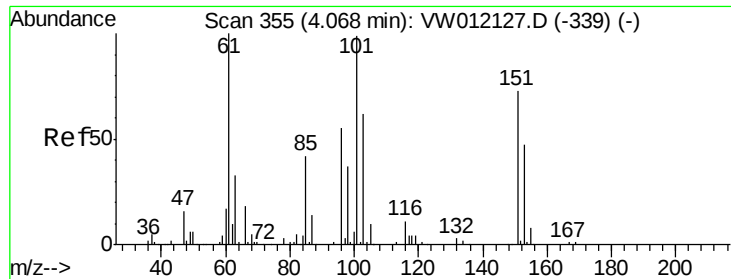


#8

Diethyl Ether
 Concen: 22.285 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.6	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.400 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

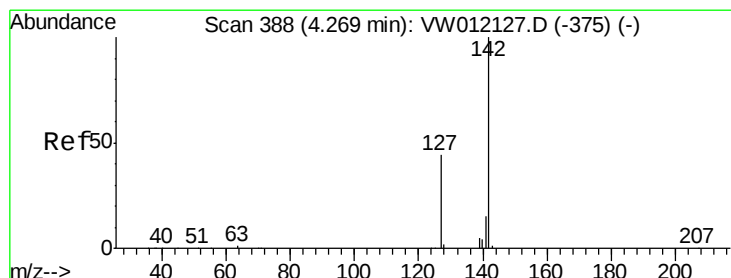
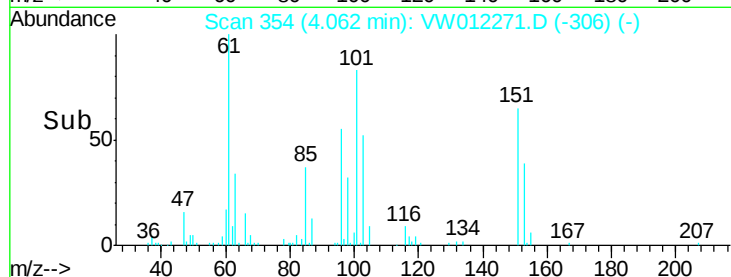
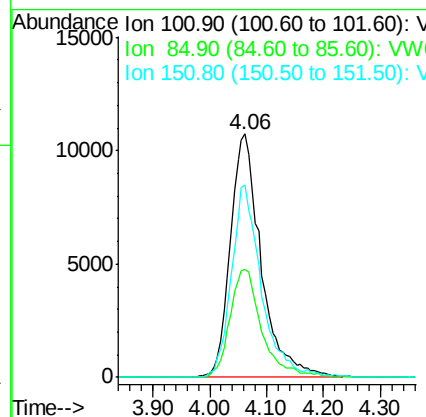
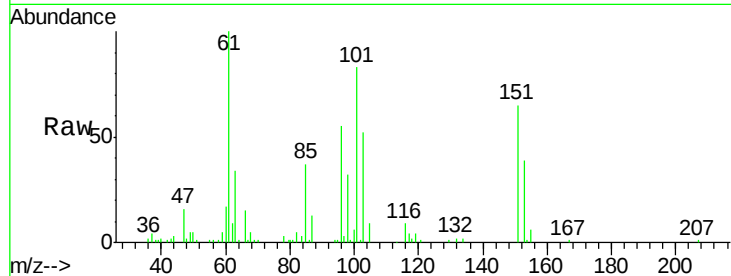
ClientSampleId :

VW0828SBS02

Tot Ion:	101	Resp:	40580
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.8	53.6
151	76.7	58.6	87.8

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#10

Methyl Iodide

Concen: 19.566 ug/l

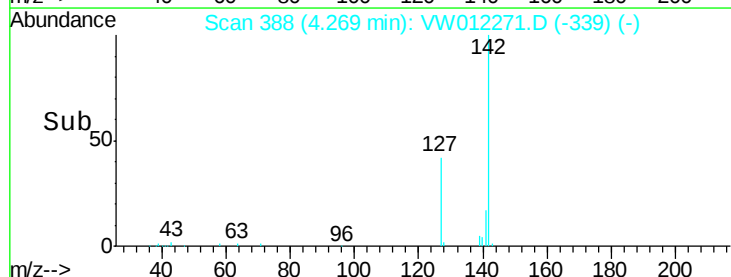
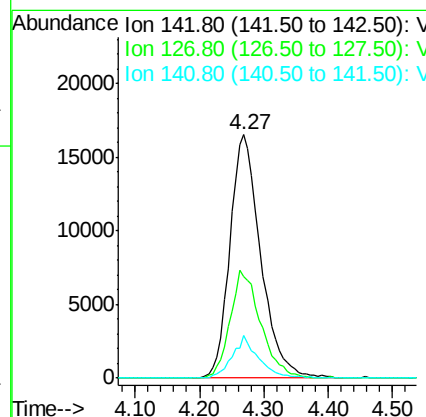
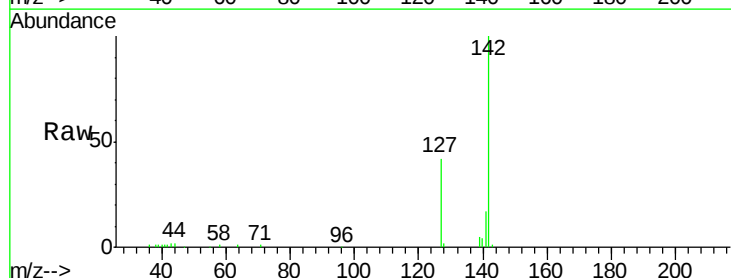
RT: 4.27 min Scan# 388

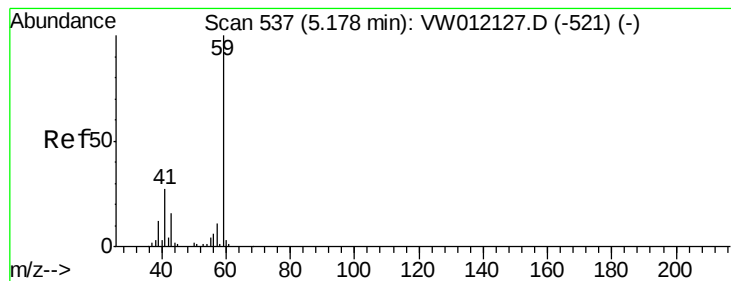
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	142	Resp:	55376
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.5	53.3
141	14.7	11.8	17.8





#11

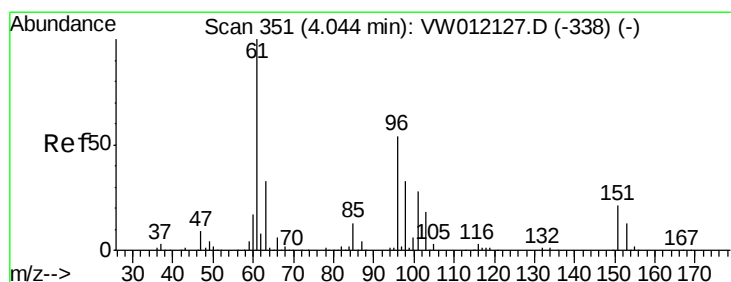
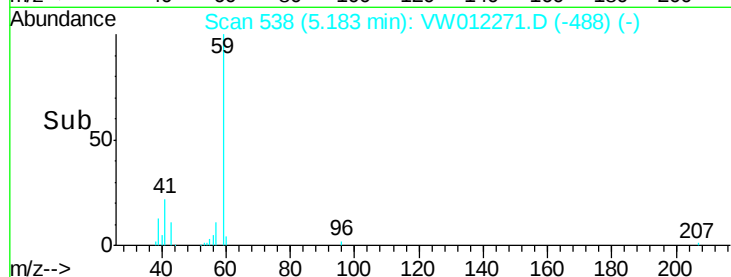
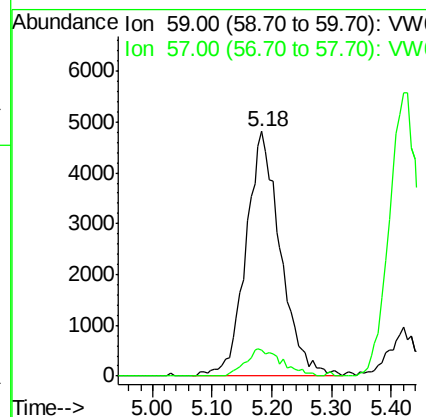
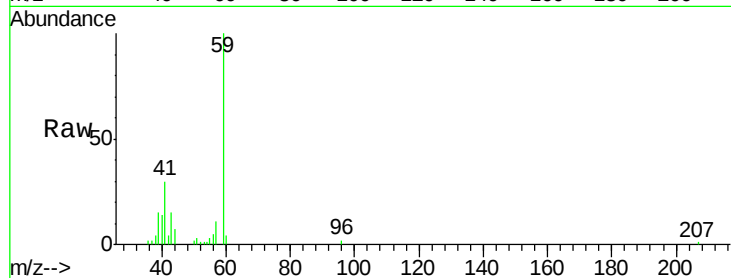
Tert butyl alcohol
Concen: 129.024 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.0	13.4

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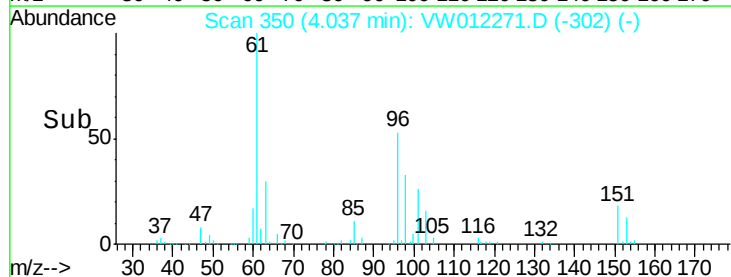
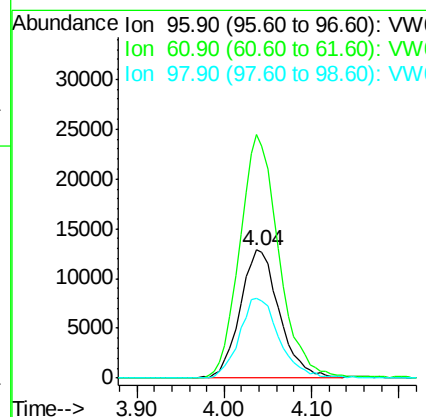
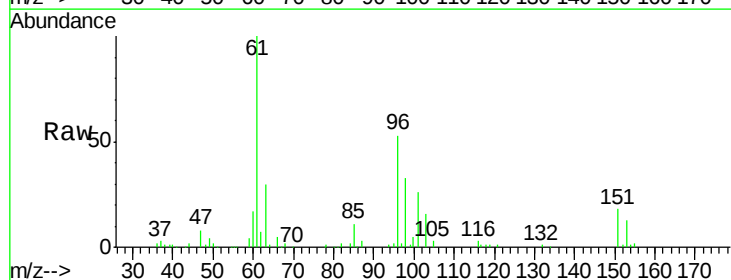
MMDadoda
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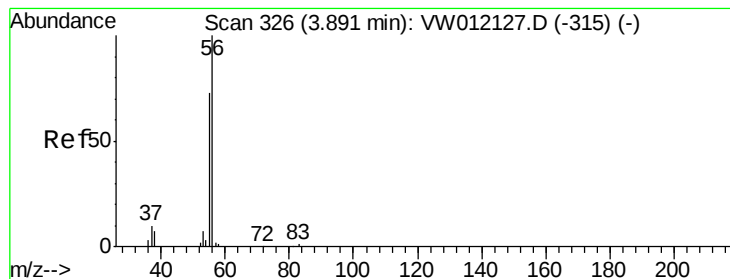


#12

1,1-Dichloroethene
Concen: 19.043 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	189.6	149.1	223.7
98	61.7	49.4	74.2





#13

Acrolein

Concen: 56.478 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 56 Resp: 7983

Ion Ratio Lower Upper

56 100

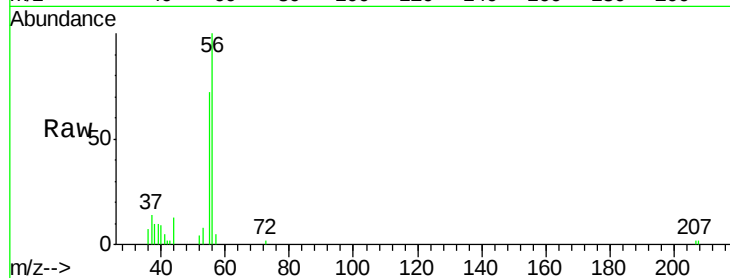
55 70.9 55.8 83.8

Manual Integrations

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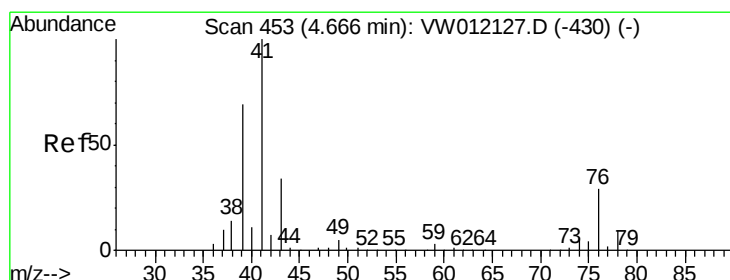
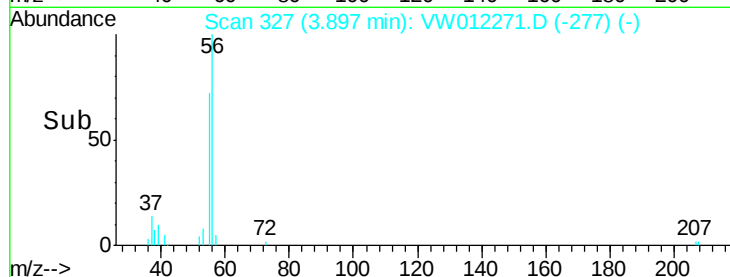
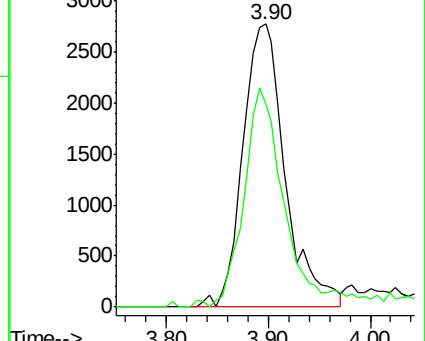
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.793 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

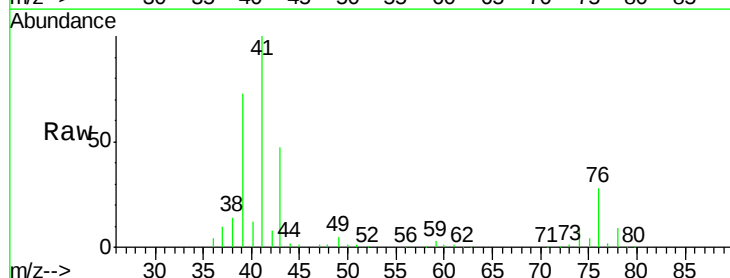
Tgt Ion: 41 Resp: 89088

Ion Ratio Lower Upper

41 100

39 67.6 53.4 80.2

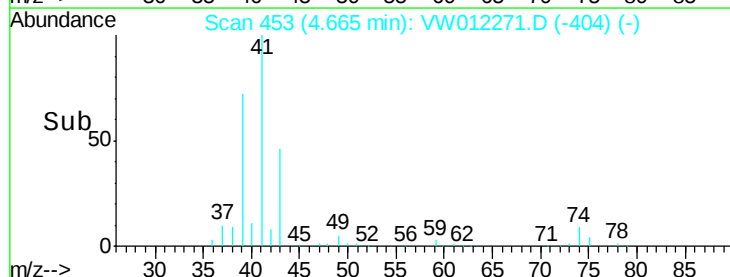
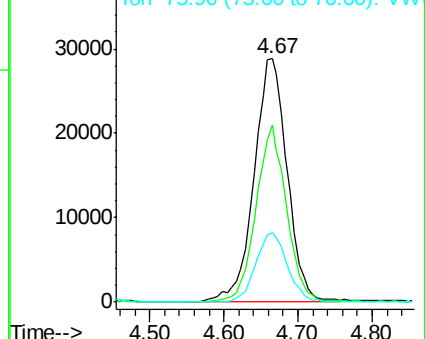
76 27.2 22.1 33.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 118.087 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

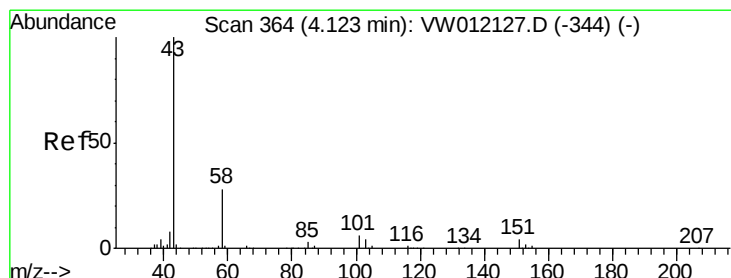
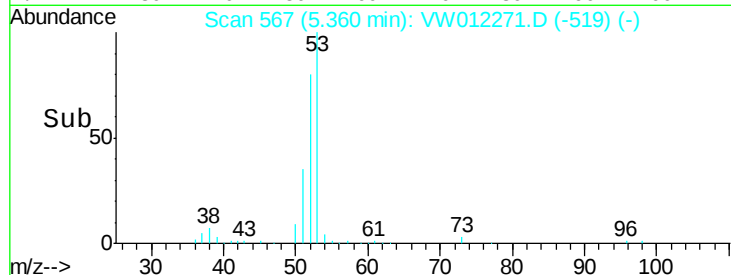
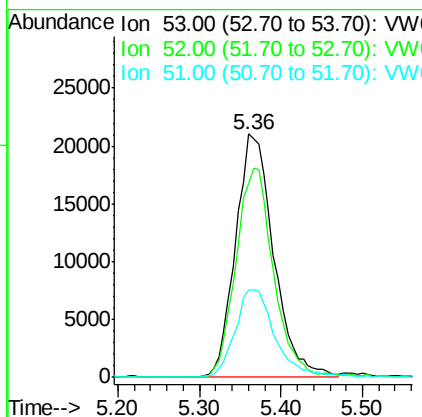
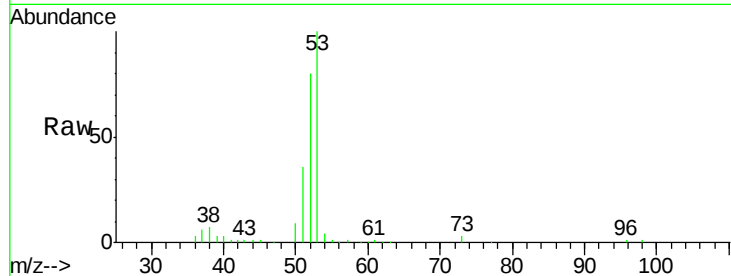
ClientSampleId :

VW0828SBS02

Tot Ion:	53	Resp:	68369
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.7	100.1
51	37.7	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 91.231 ug/l

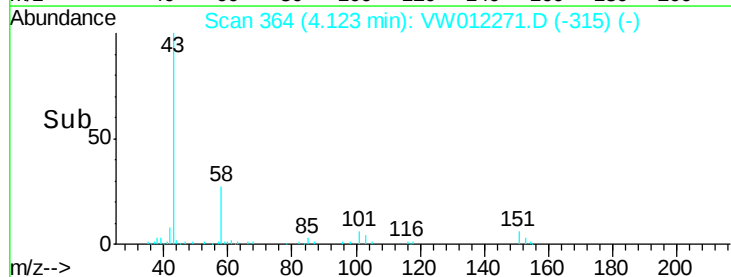
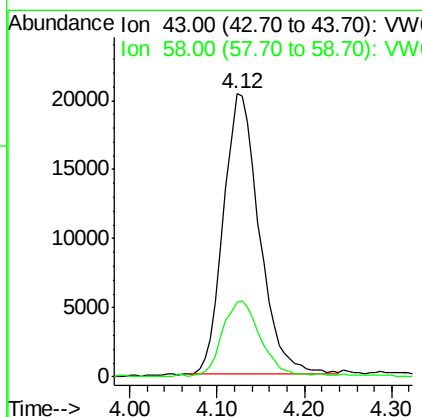
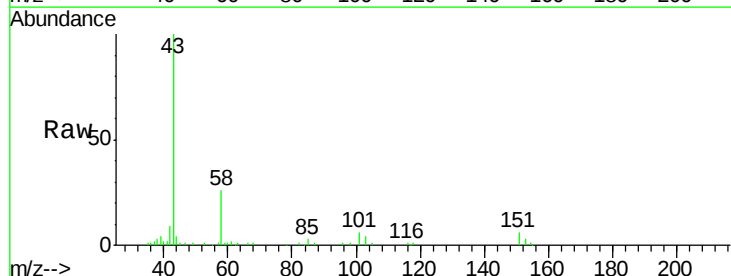
RT: 4.12 min Scan# 364

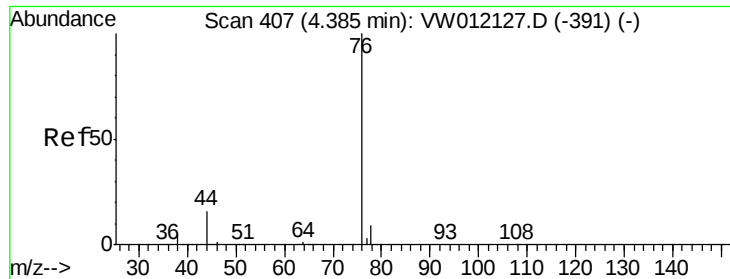
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	43	Resp:	58189
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.4	33.6





#17

Carbon Disulfide

Concen: 16.391 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD02

Tot Ion: 76 Resp: 104296

Ion Ratio Lower Upper

76 100

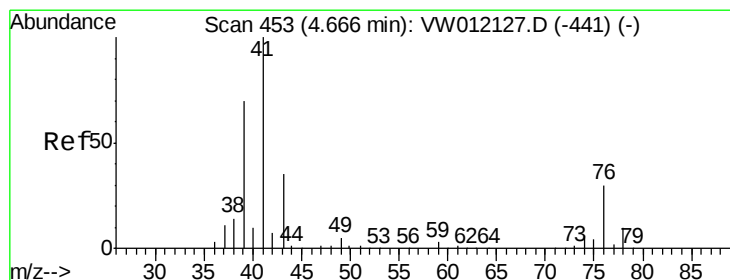
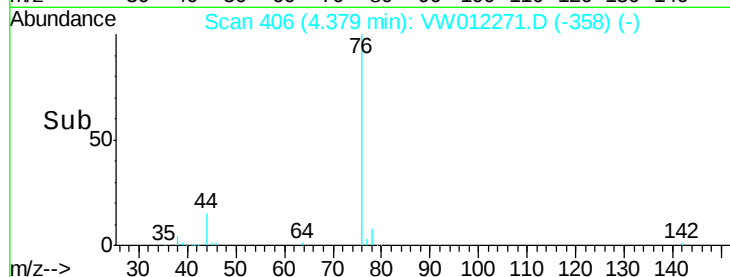
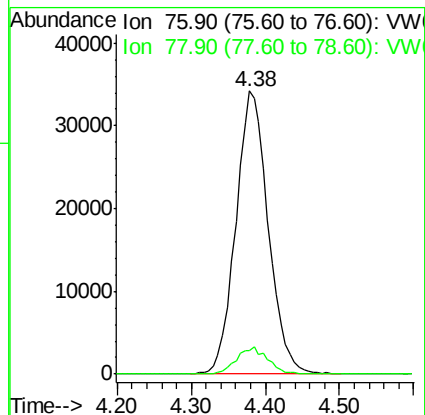
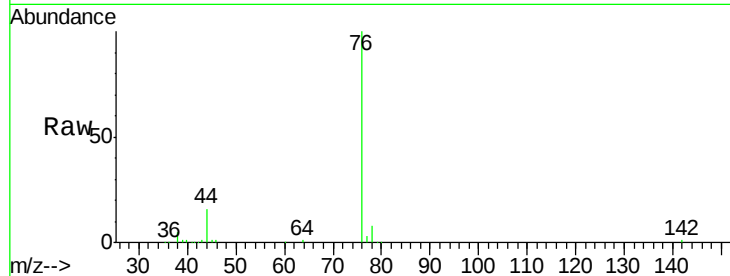
78 8.4 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 26.738 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012271.D

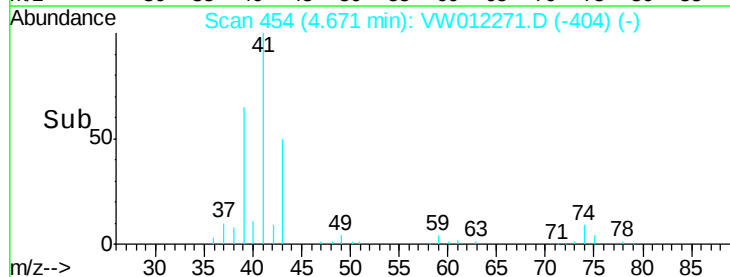
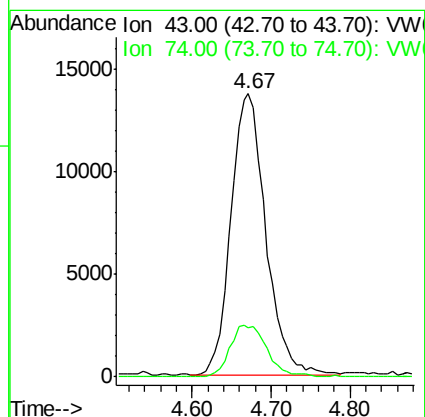
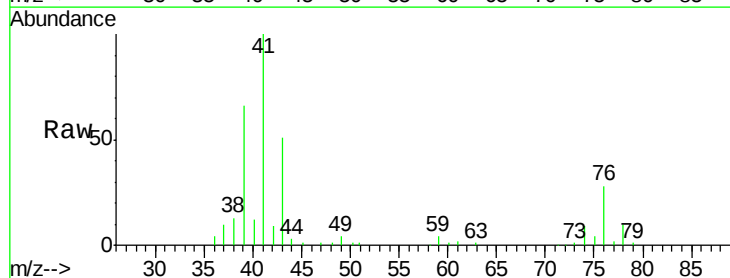
Acq: 29 Aug 2019 00:18

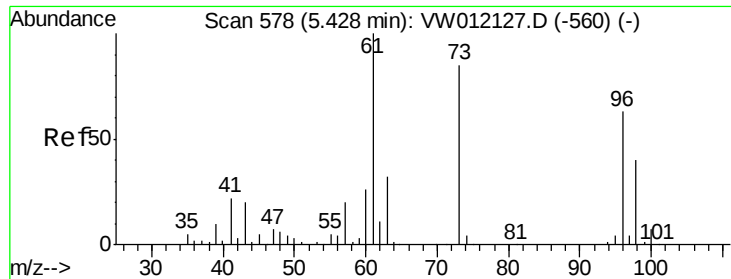
Tgt Ion: 43 Resp: 42240

Ion Ratio Lower Upper

43 100

74 19.1 15.7 23.5





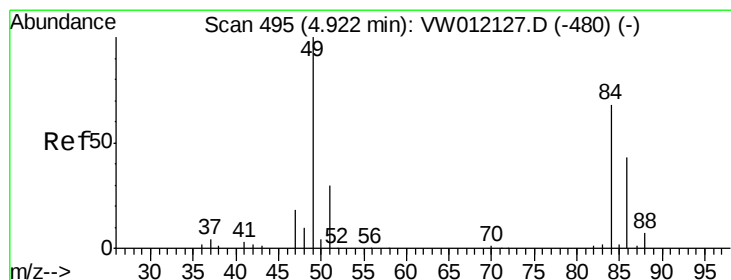
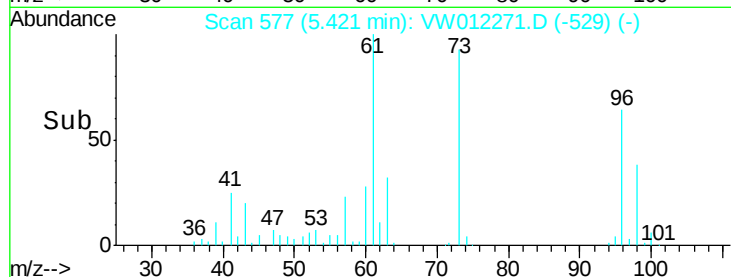
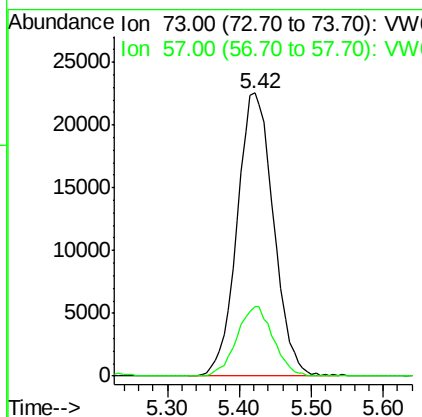
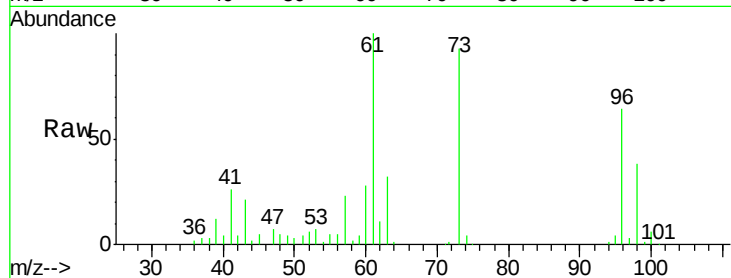
#19
Methyl tert-butyl Ether
Concen: 23.259 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion: 73 Resp: 79189
Ion Ratio Lower Upper
73 100
57 24.7 18.9 28.3

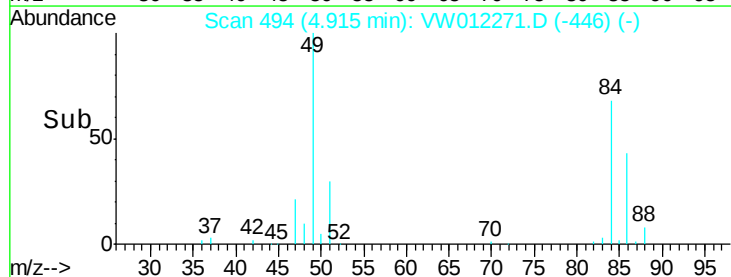
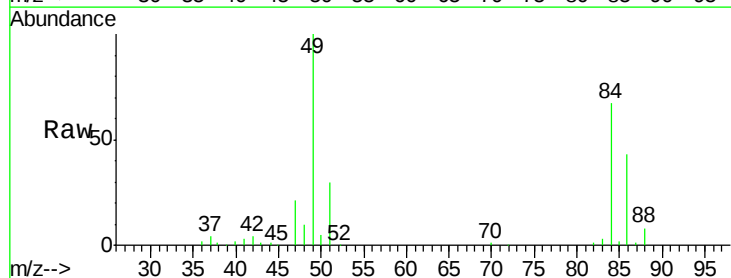
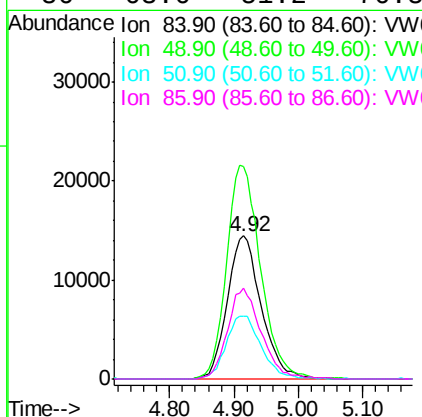
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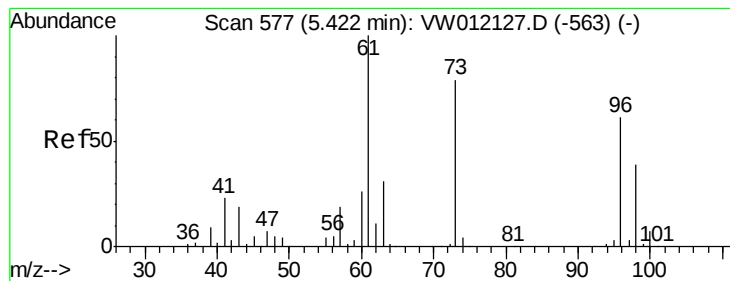
MMDadoda
8/29/2019 9:41:29 AM



#20
Methylene Chloride
Concen: 21.994 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion: 84 Resp: 53033
Ion Ratio Lower Upper
84 100
49 148.7 117.8 176.8
51 44.0 35.6 53.4
86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.216 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 96 Resp: 45642

Ion Ratio Lower Upper

96 100

61 155.9 131.4 197.0

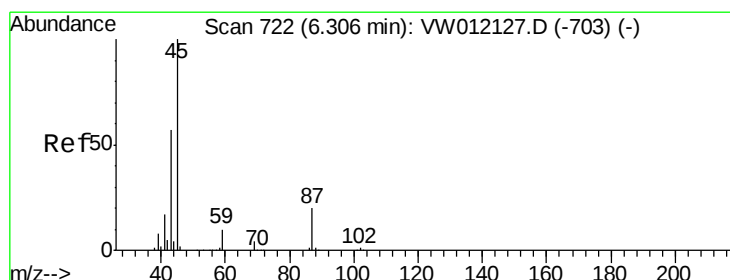
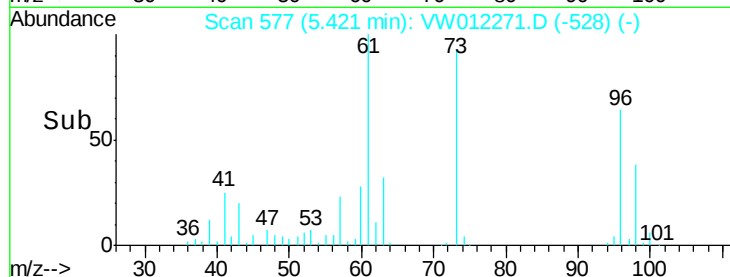
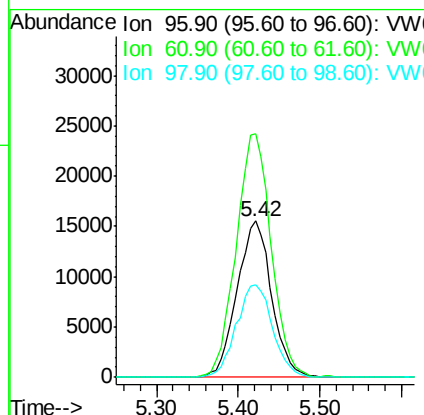
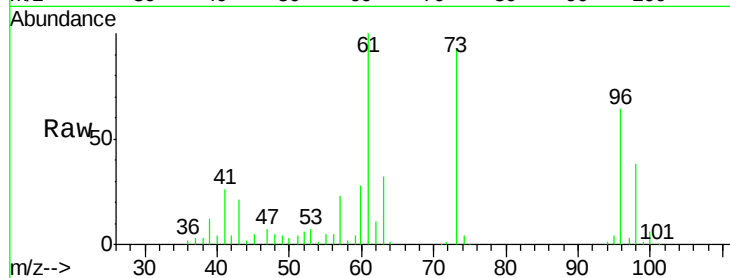
98 59.2 51.4 77.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.675 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion: 45 Resp: 189175

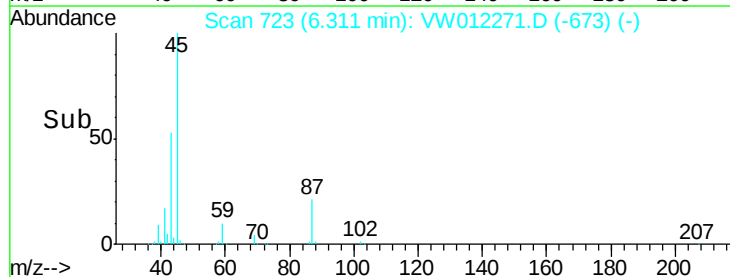
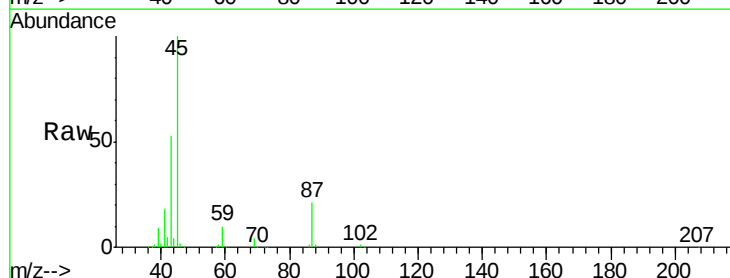
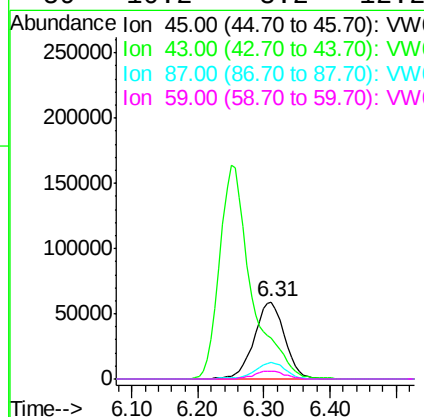
Ion Ratio Lower Upper

45 100

43 52.5 45.5 68.3

87 21.1 16.1 24.1

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 106.171 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 43 Resp: 545124

Ion Ratio Lower Upper

43 100

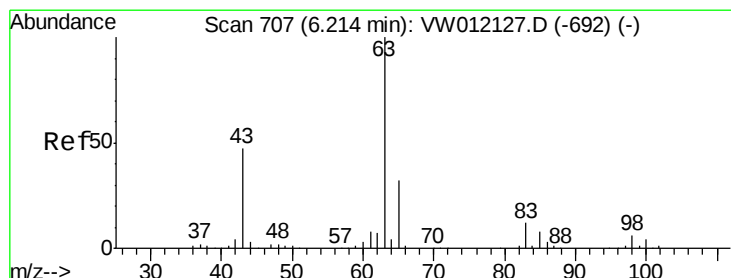
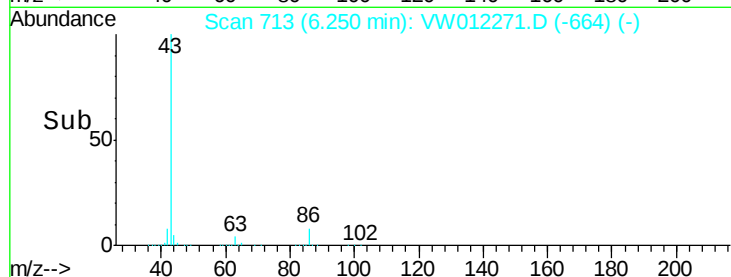
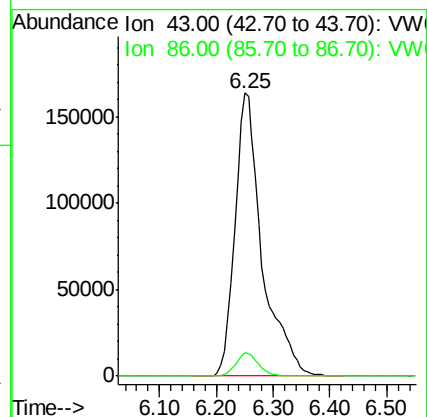
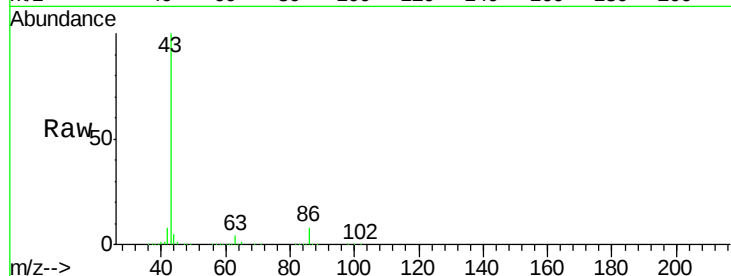
86 8.3 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.908 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

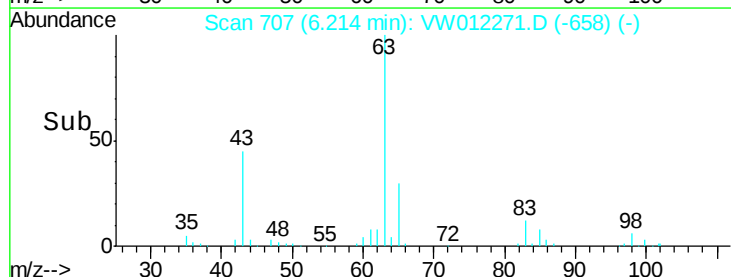
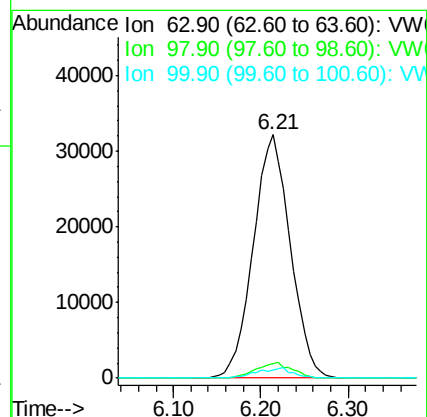
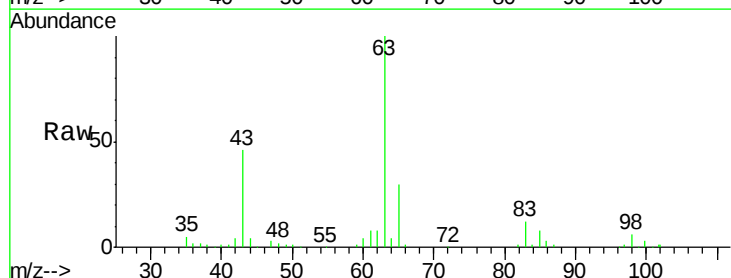
Tgt Ion: 63 Resp: 94976

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 112.189 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 43 Resp: 97237

Ion Ratio Lower Upper

43 100

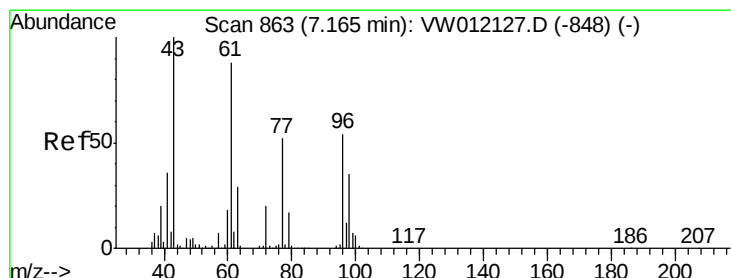
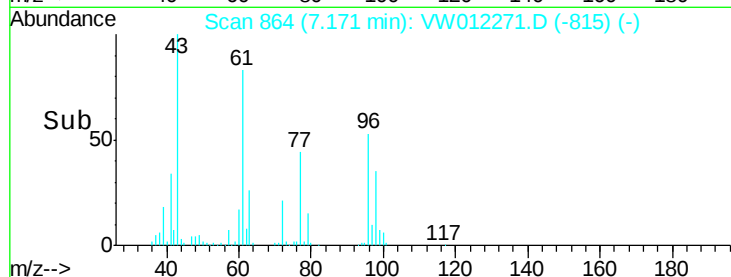
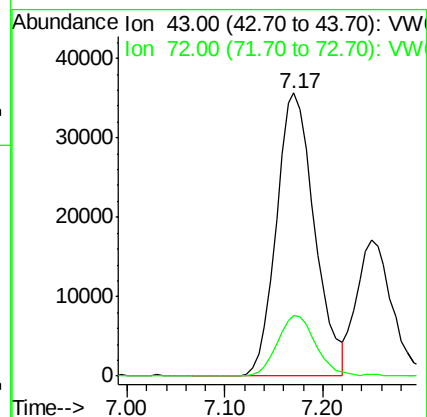
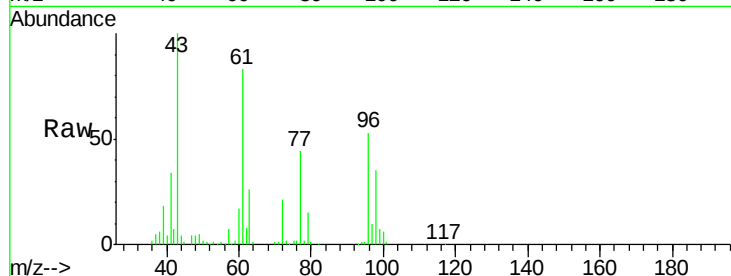
72 21.5 16.6 24.8

Manual Integrations

APPROVED

MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.056 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012271.D

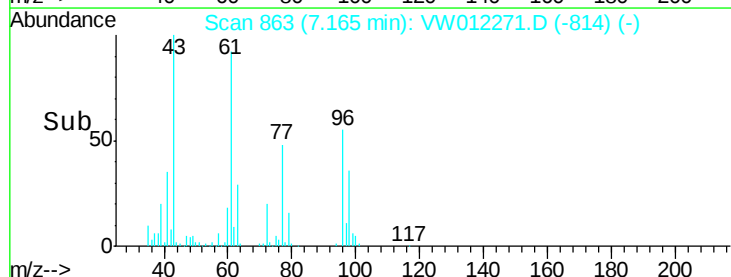
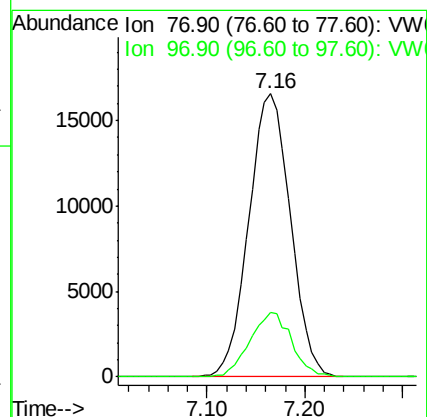
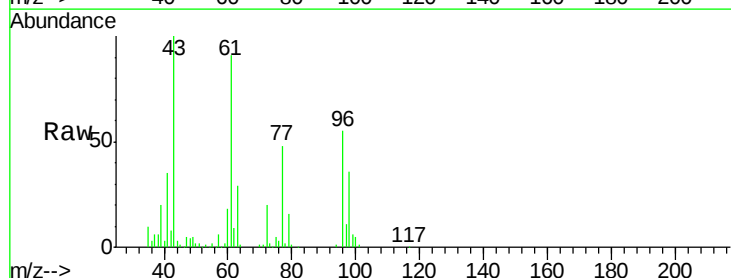
Acq: 29 Aug 2019 00:18

Tgt Ion: 77 Resp: 48997

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1





#27

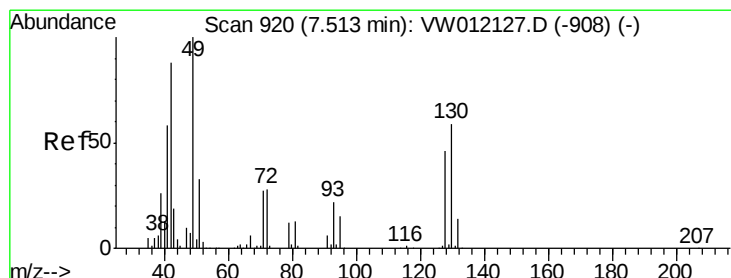
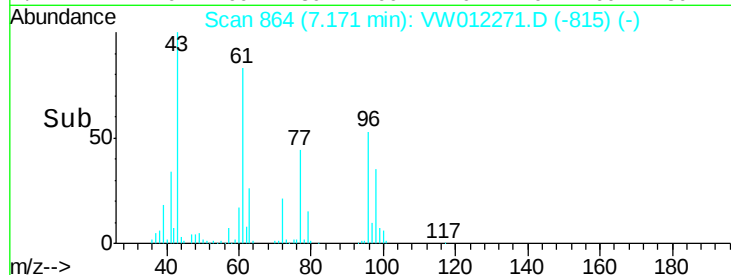
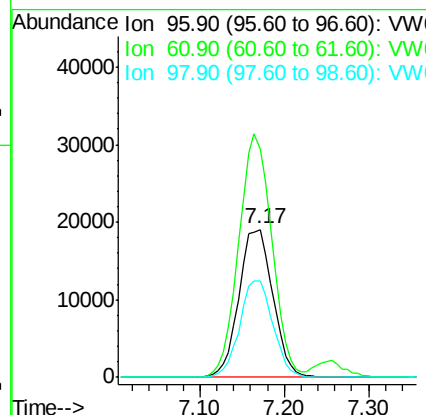
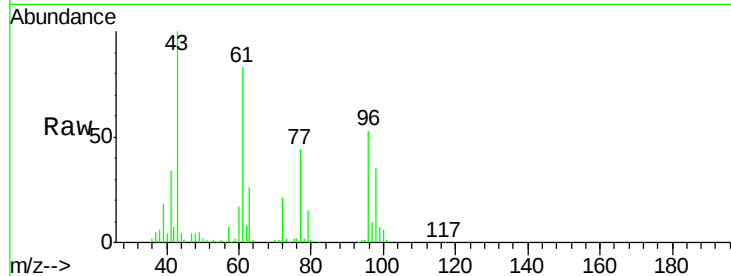
cis-1,2-Dichloroethene
Concen: 21.581 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	326.6
98	63.6	0.0	127.4

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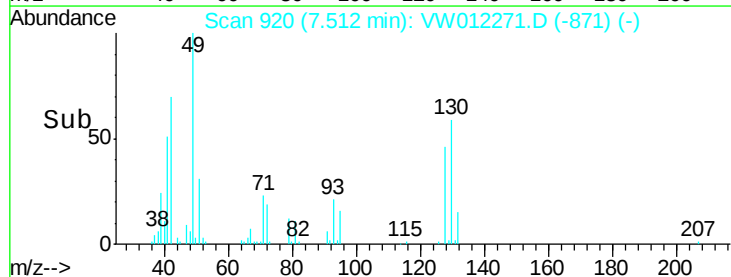
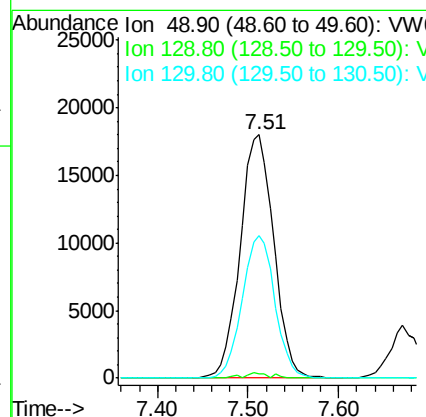
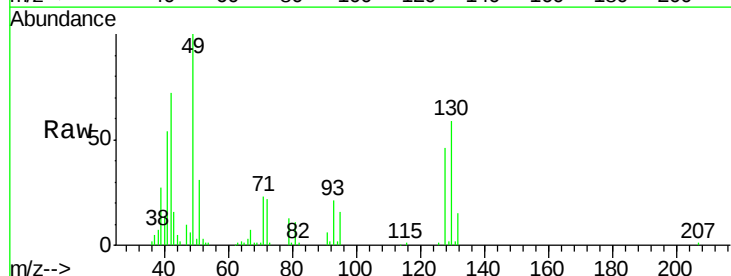
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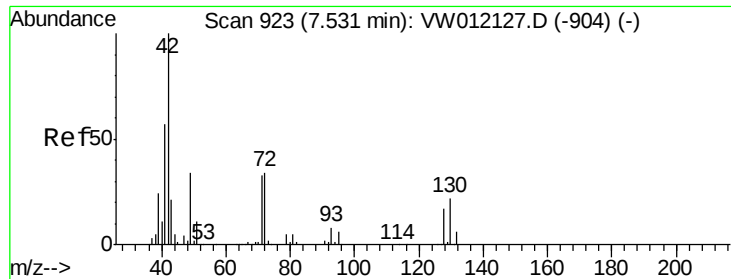


#28

Bromochloromethane
Concen: 23.357 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	1.4
130	56.7	45.5	68.3





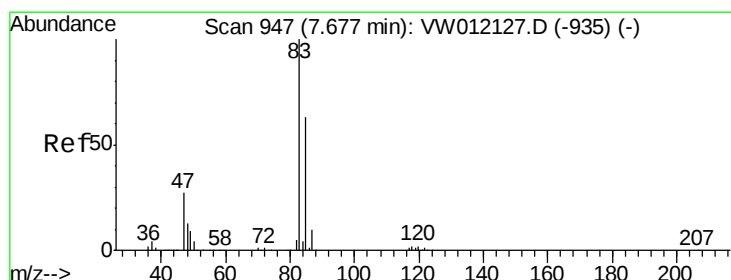
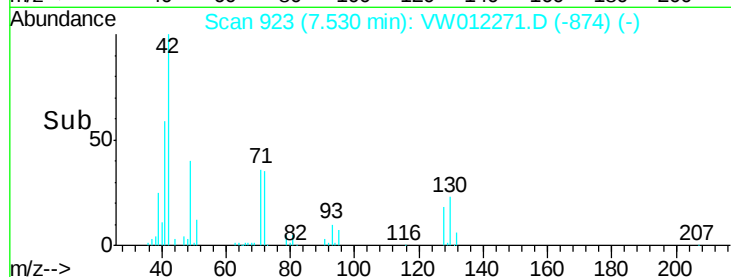
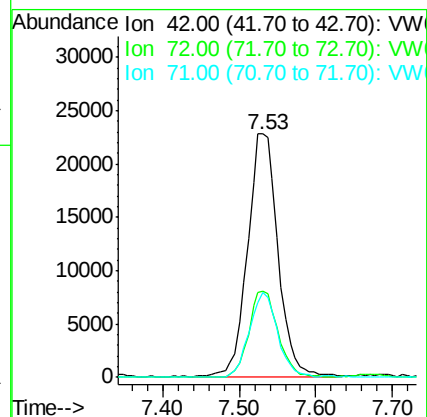
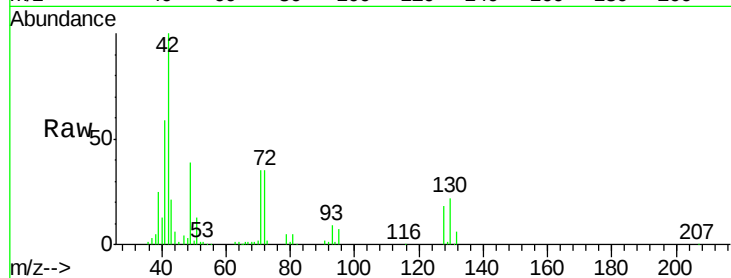
#29
Tetrahydrofuran
Concen: 122.514 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD02

Tot Ion:	42	Resp:	63707
Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.3	40.9
71	32.2	25.5	38.3

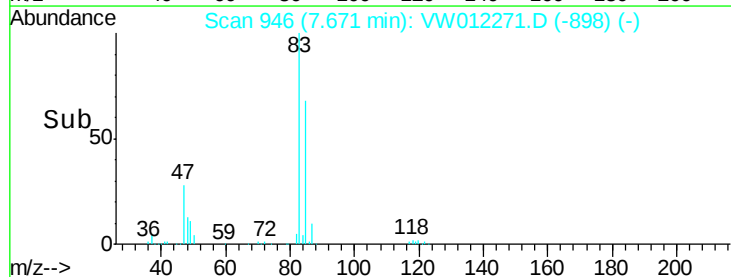
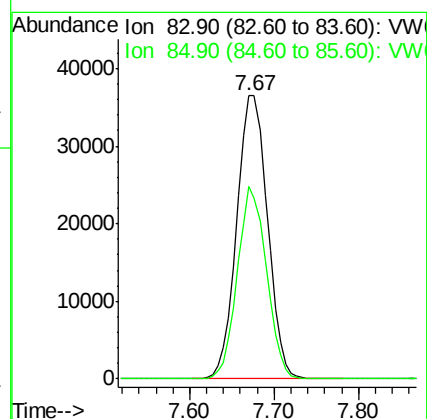
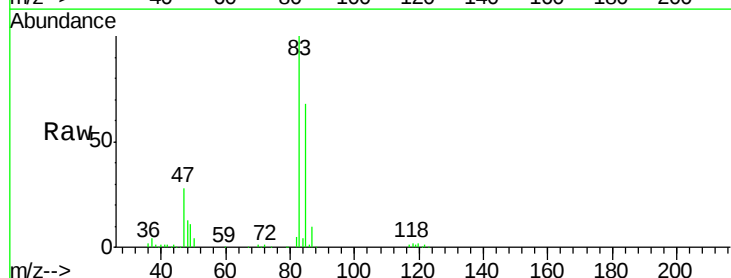
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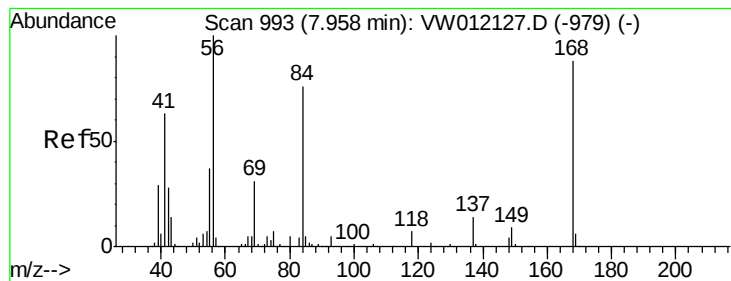
MMDadoda
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#30
Chloroform
Concen: 21.681 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion:	83	Resp:	90108
Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.6	76.0





#31

Cyclohexane

Concen: 18.436 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

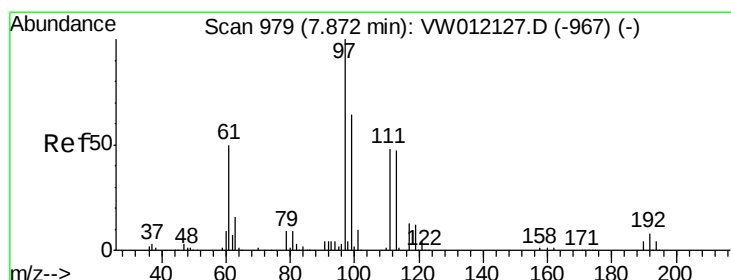
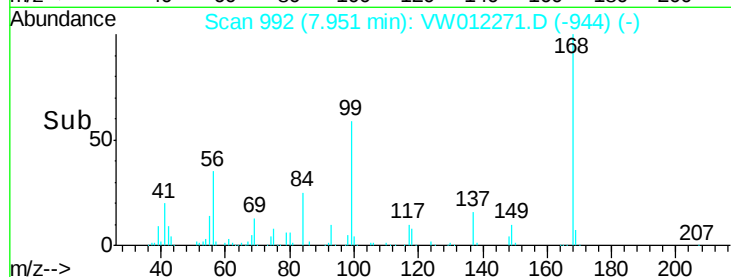
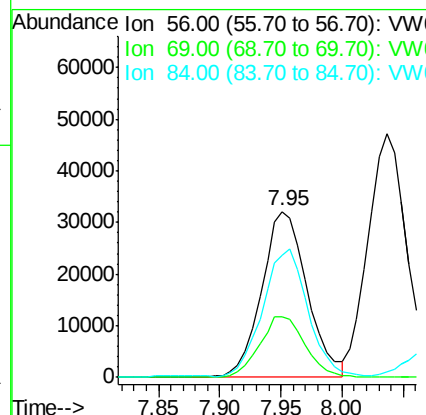
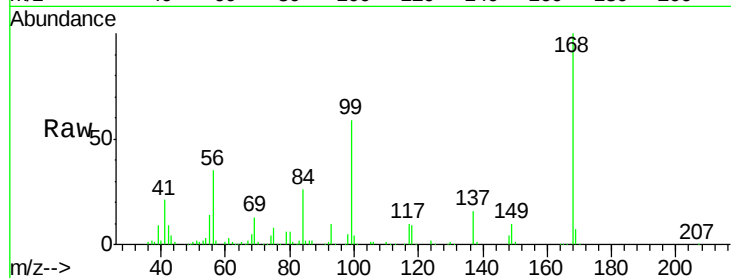
ClientSampleId :

VW0828SBS02

Tot Ion:	56	Resp:	82857
Ion	Ratio	Lower	Upper
56	100		
69	36.4	24.9	37.3
84	72.0	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 20.969 ug/l

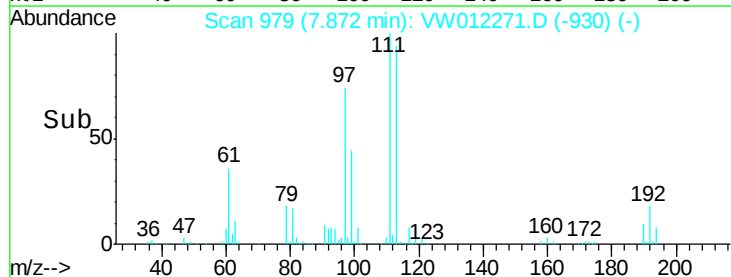
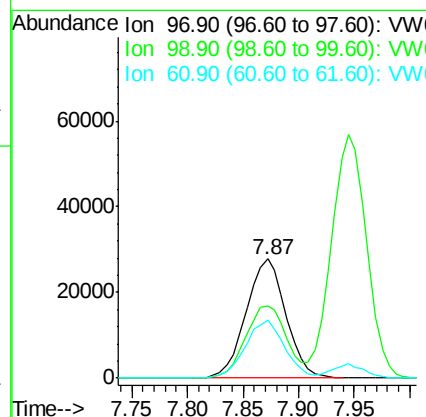
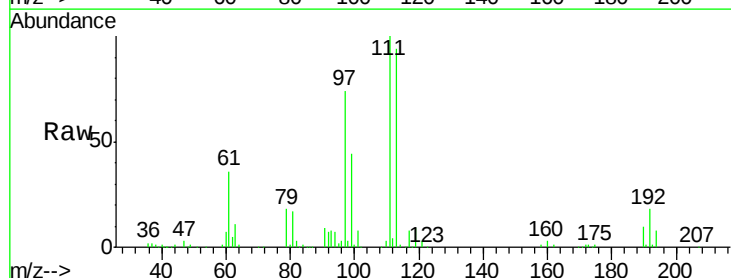
RT: 7.87 min Scan# 979

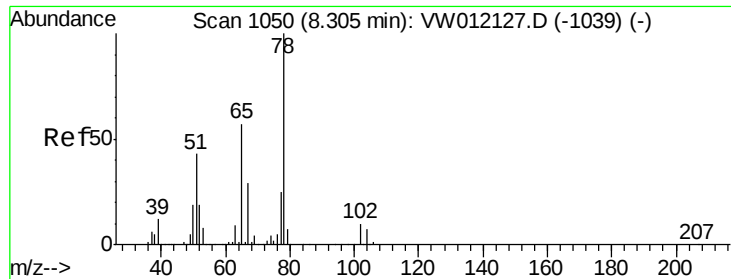
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	97	Resp:	68940
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.4	77.0
61	48.2	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 53.544 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBSD02

Tot Ion: 65 Resp: 133601

Ion Ratio Lower Upper

65 100

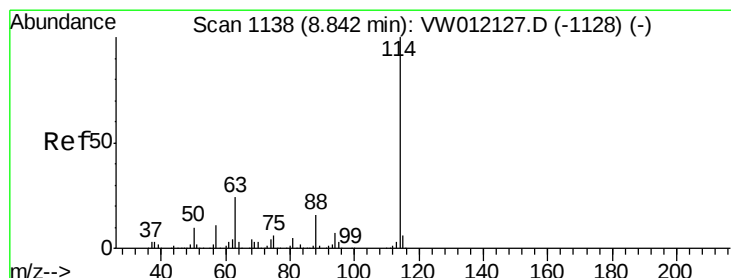
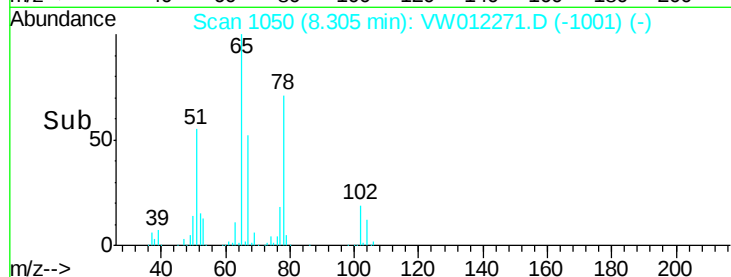
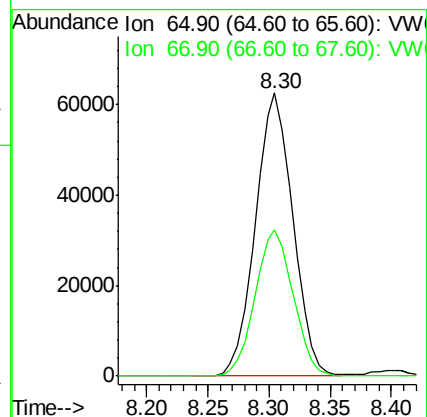
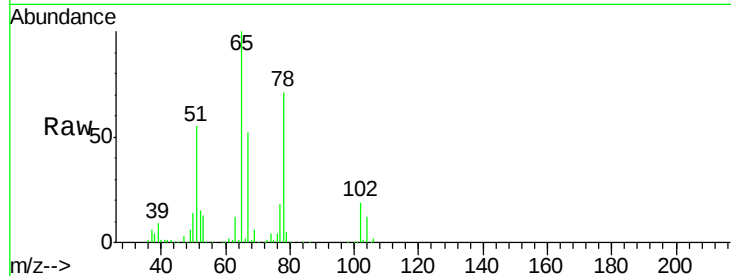
67 52.5 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

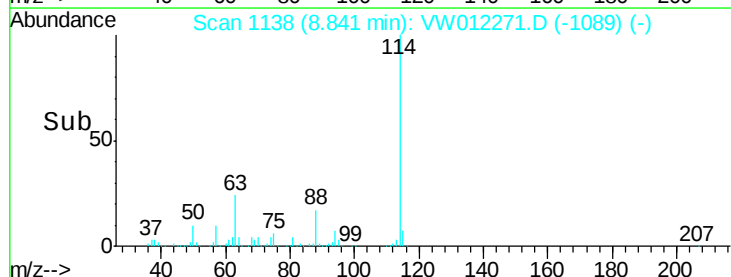
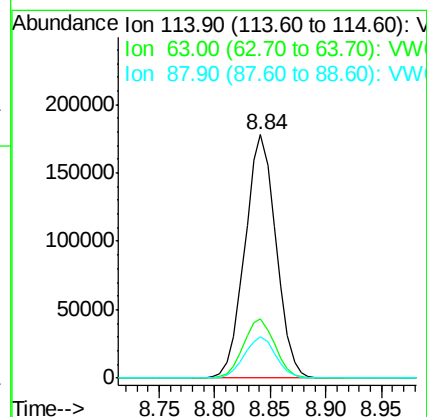
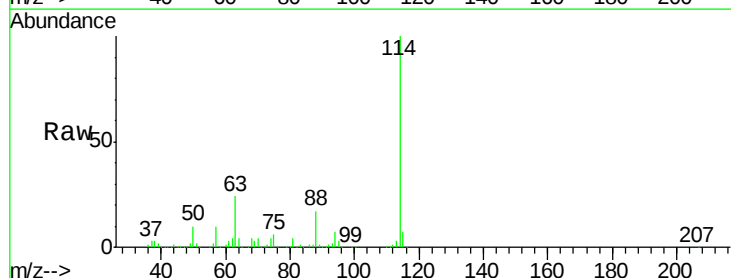
Tgt Ion: 114 Resp: 345790

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

88 16.8 0.0 32.2





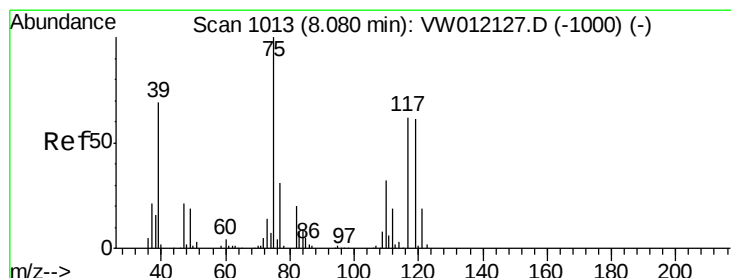
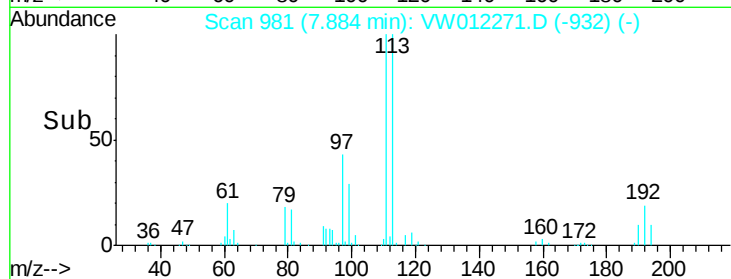
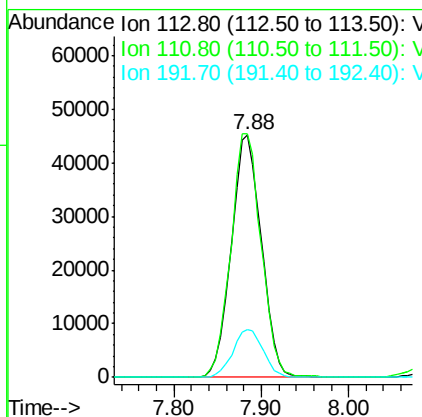
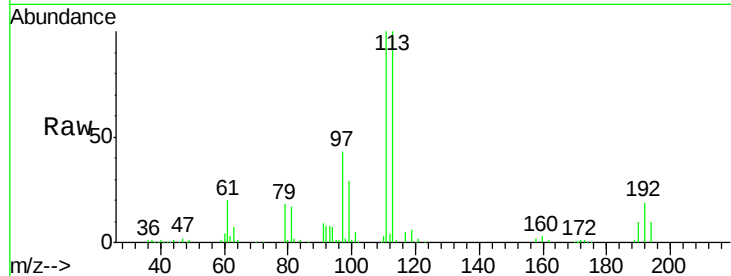
#35
 Dibromofluoromethane
 Concen: 52.428 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108214		
111	101.4	82.7	124.1	
192	20.0	16.2	24.2	

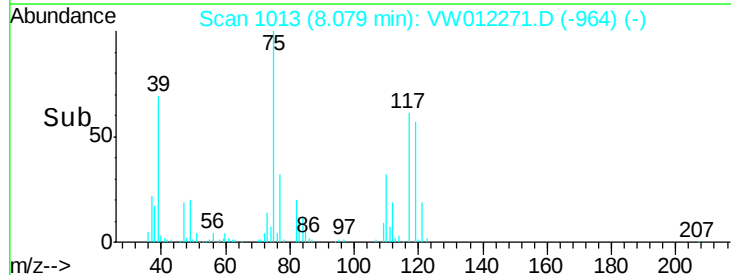
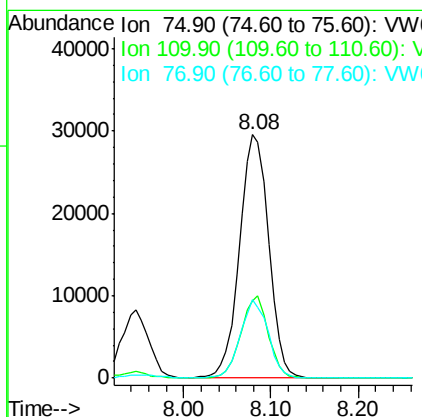
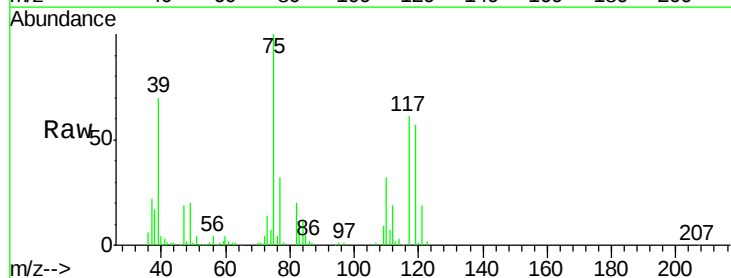
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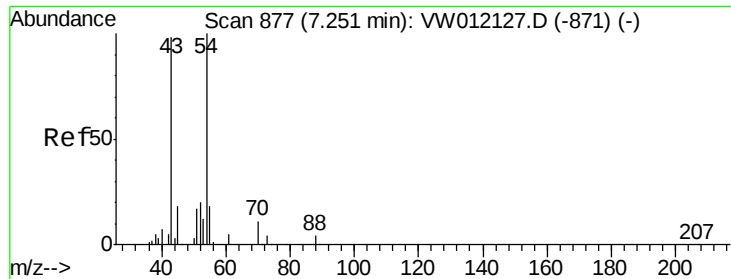
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#36
 1,1-Dichloropropene
 Concen: 19.183 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68548		
110	31.6	15.6	46.8	
77	30.8	24.6	36.8	





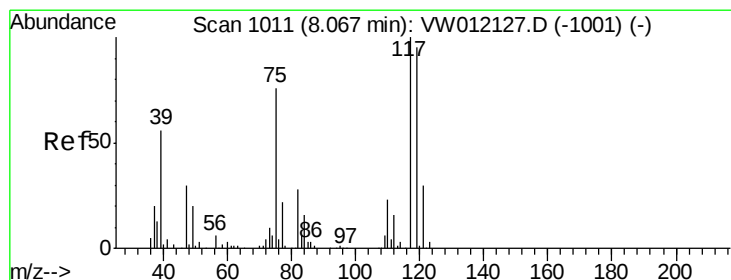
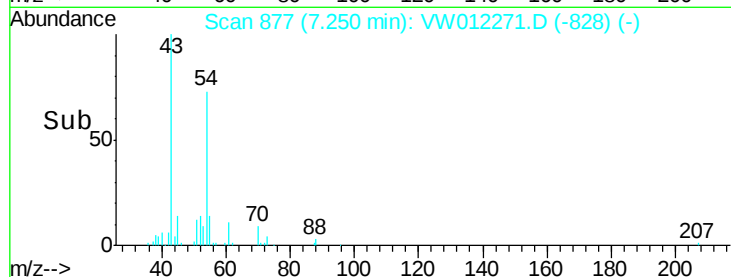
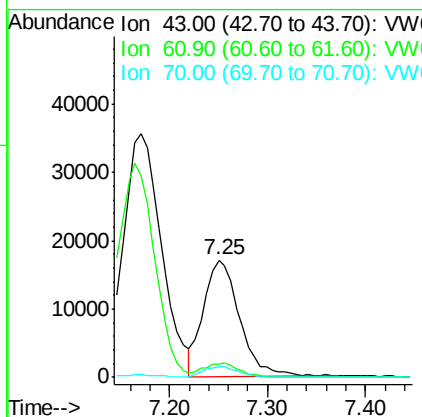
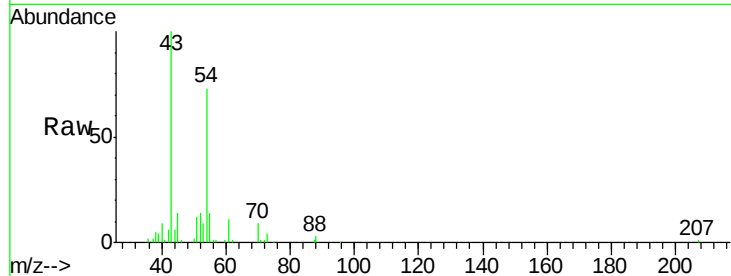
#37
Ethyl Acetate
Concen: 22.261 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.4	9.2	13.8	
70	9.2	6.9	10.3	

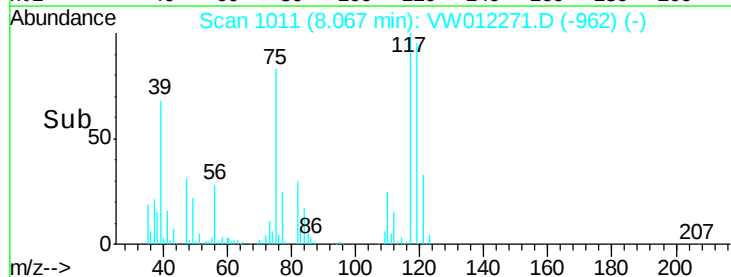
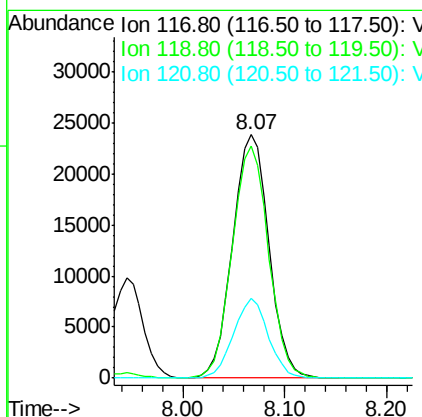
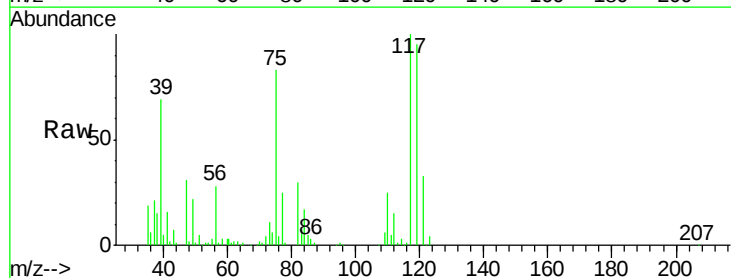
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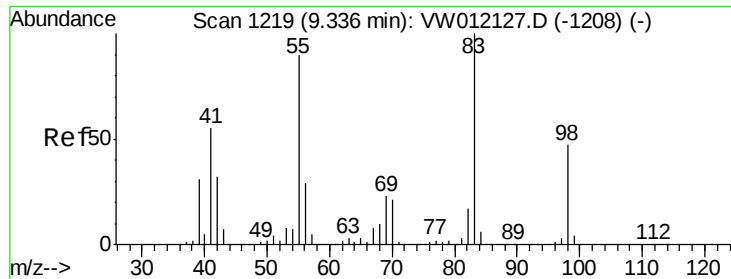
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#38
Carbon Tetrachloride
Concen: 19.071 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.2	114.2	
121	32.6	23.8	35.8	





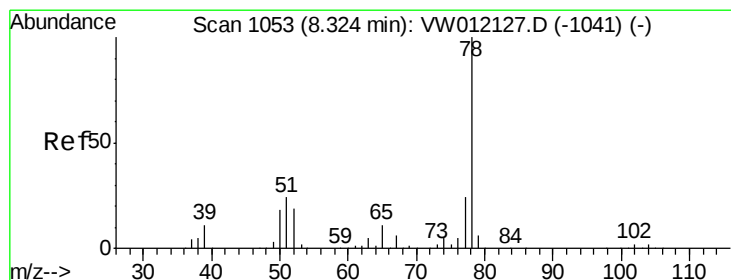
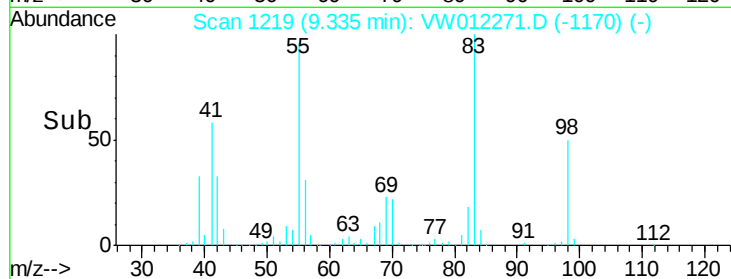
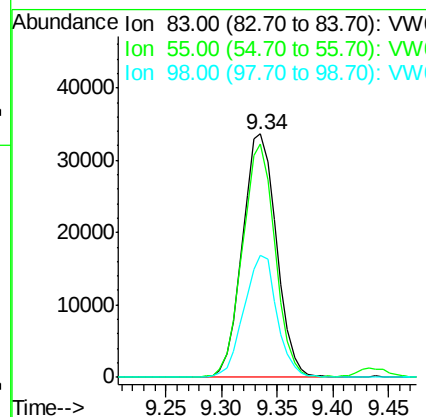
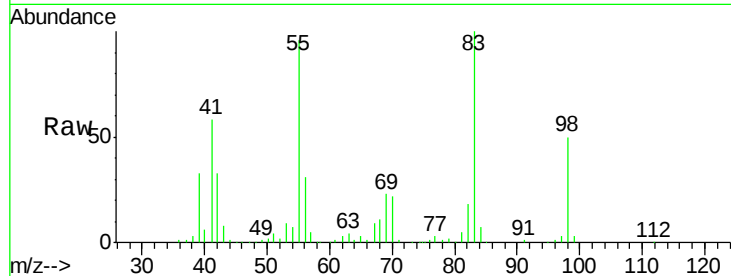
#39
Methvlcvclohexane
Concen: 17.823 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	95.5	71.8	107.8
98	50.0	37.8	56.8

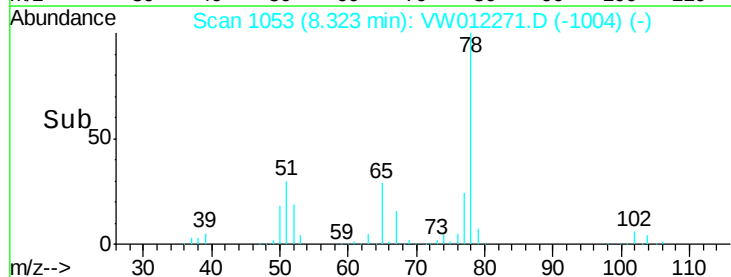
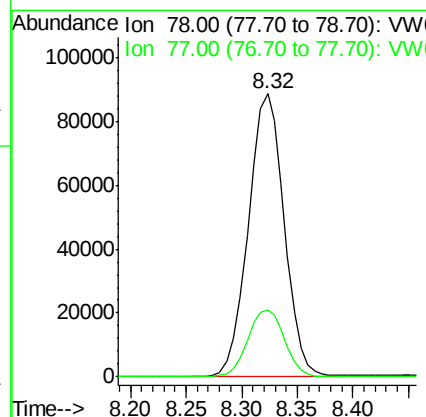
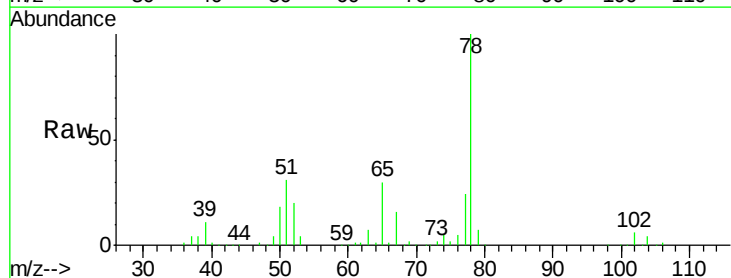
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#40
Benzene
Concen: 20.327 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





#41

Methacrylonitrile

Concen: 22.905 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

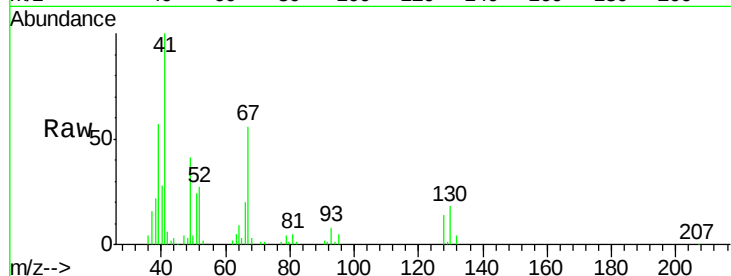
ClientSampleId :

VW0828SBS02

Tot Ion	41	Resp	26361
Ion	Ratio	Lower	Upper
41	100		
39	60.0	45.8	68.8
67	57.9	46.2	69.4
52	27.6	21.0	31.6

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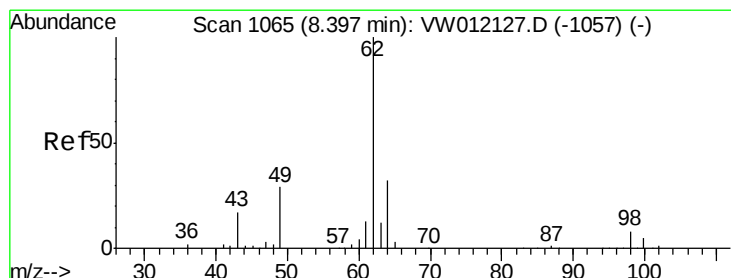
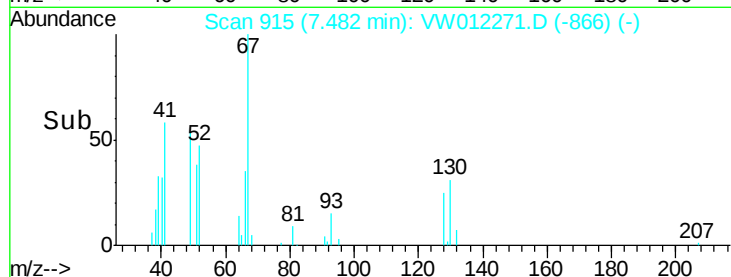
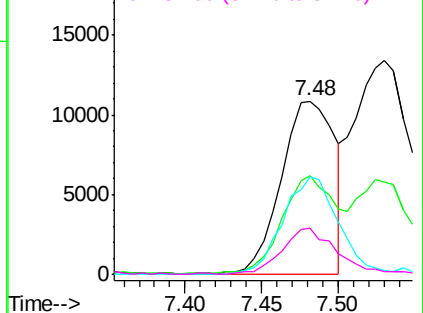
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.777 ug/l

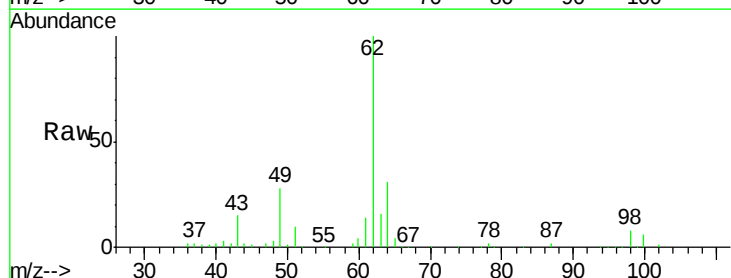
RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

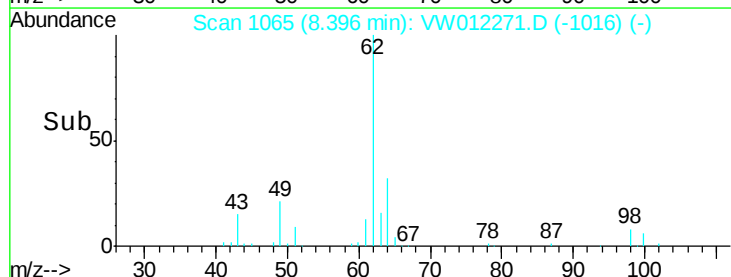
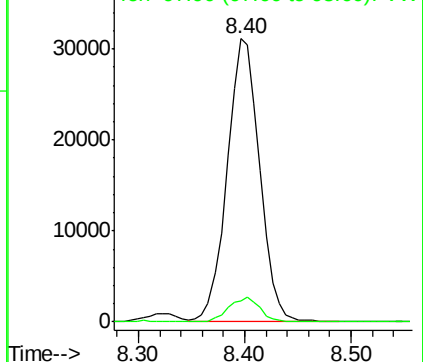
Tgt Ion	62	Resp	66593
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

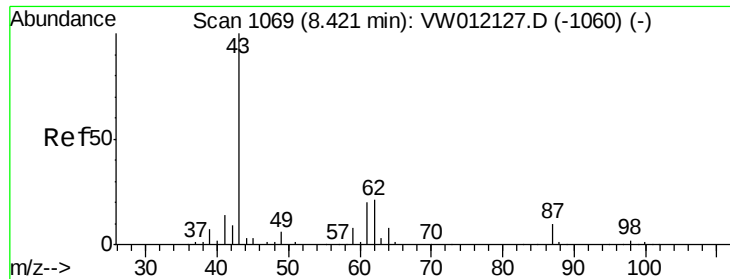


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.572 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

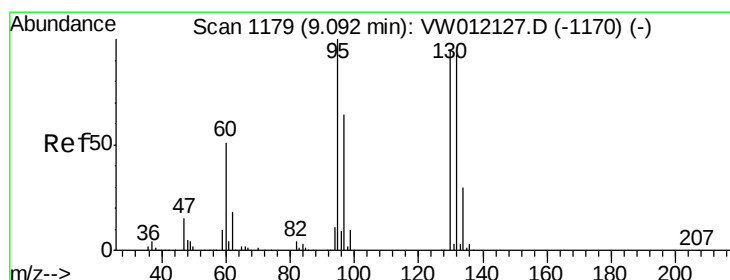
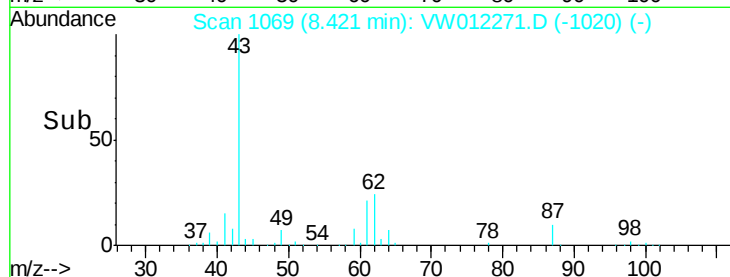
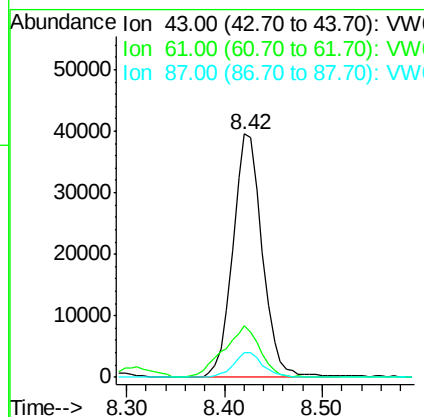
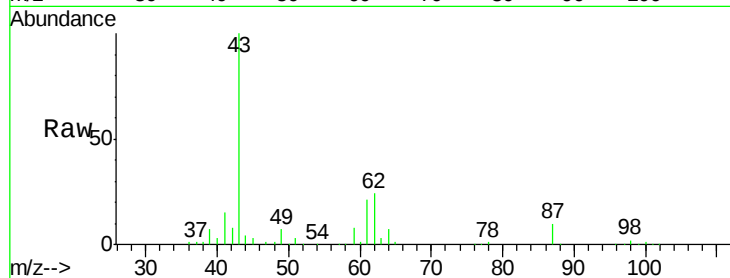
ClientSampleId :

VW0828SBS02

Tot Ion:	43	Resp:	81869
Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.1	31.7
87	10.3	8.2	12.2

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#44

Trichloroethene

Concen: 20.165 ug/l

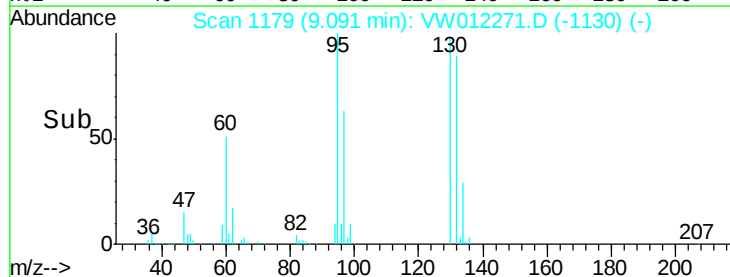
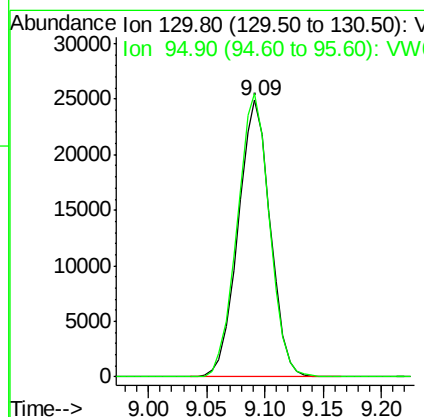
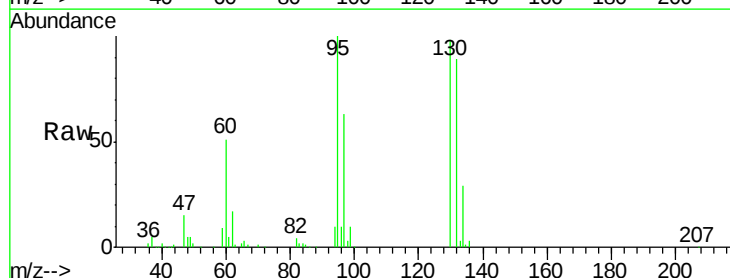
RT: 9.09 min Scan# 1179

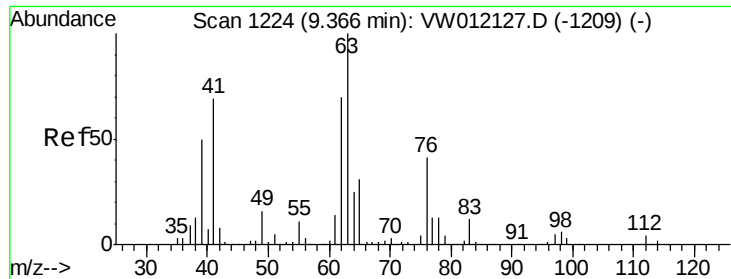
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	130	Resp:	47830
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.6





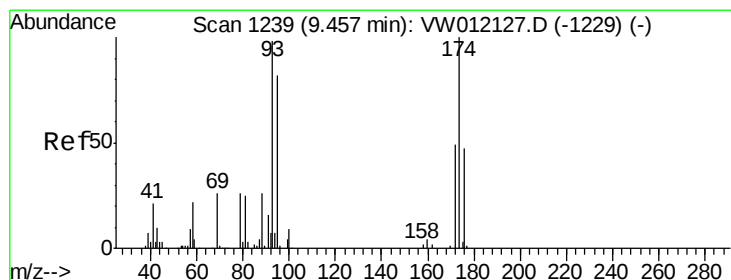
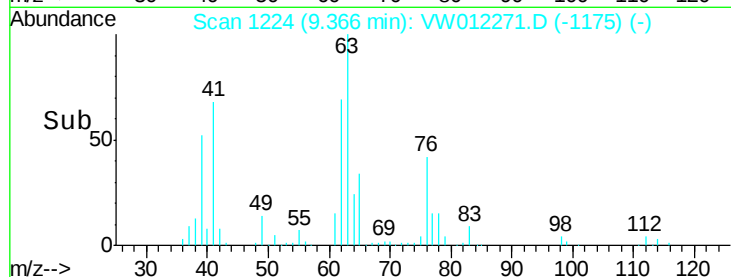
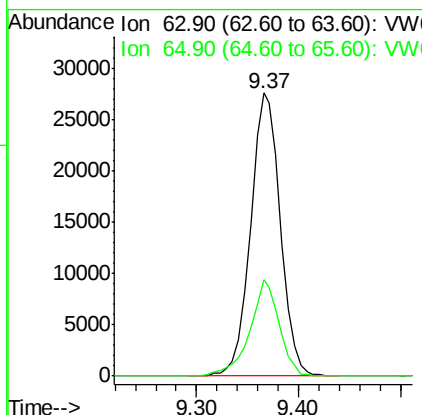
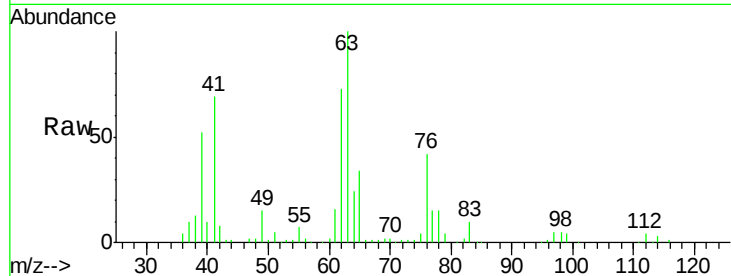
#45
 1,2-Dichloropropane
 Concen: 21.291 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion: 63 Resp: 55910
 Ion Ratio Lower Upper
 63 100
 65 34.0 25.0 37.4

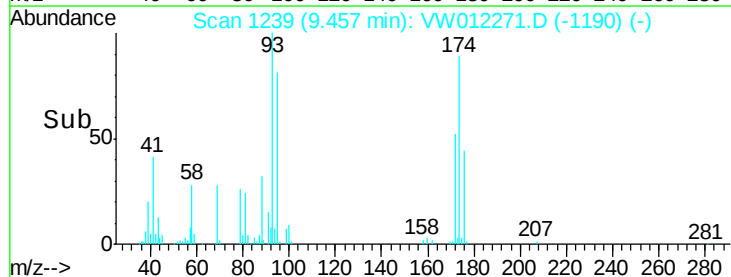
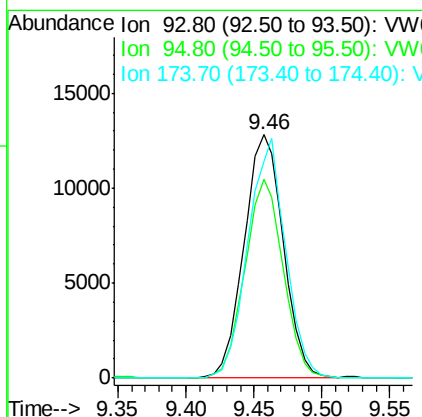
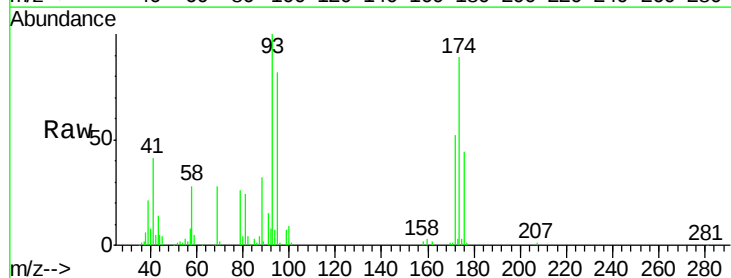
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#46
 Dibromomethane
 Concen: 22.162 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion: 93 Resp: 25894
 Ion Ratio Lower Upper
 93 100
 95 79.8 67.2 100.8
 174 94.5 79.0 118.6





#47

Bromodichloromethane

Concen: 20.949 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

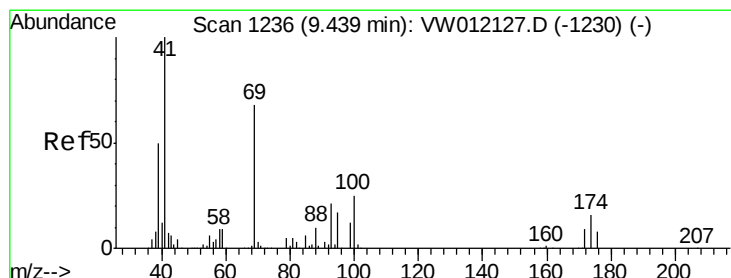
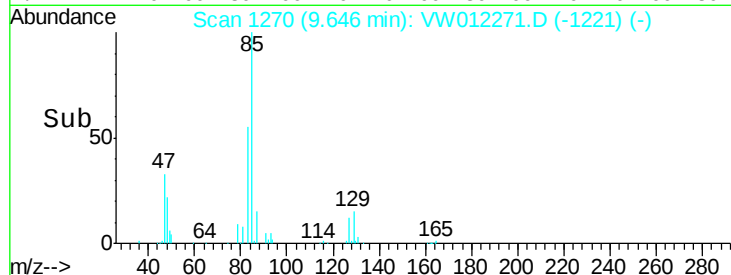
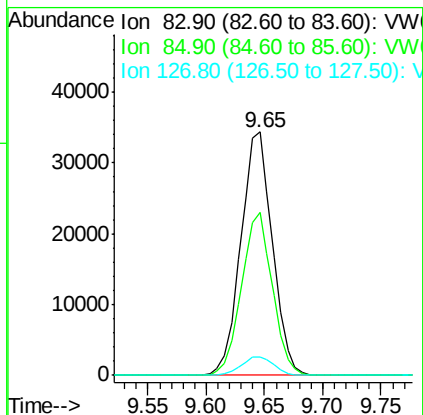
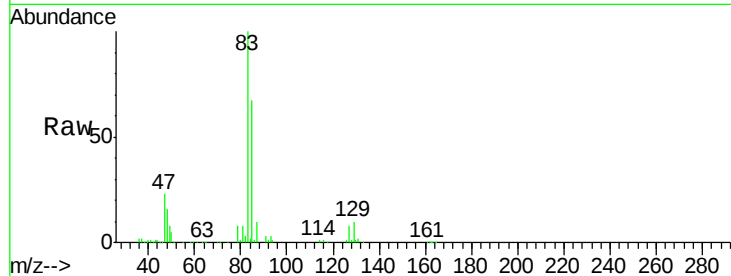
ClientSampleId :

VW0828SBS02

Tot Ion:	83	Resp:	65142
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.4	74.2
127	7.7	6.1	9.1

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#48

Methyl methacrylate

Concen: 22.463 ug/l

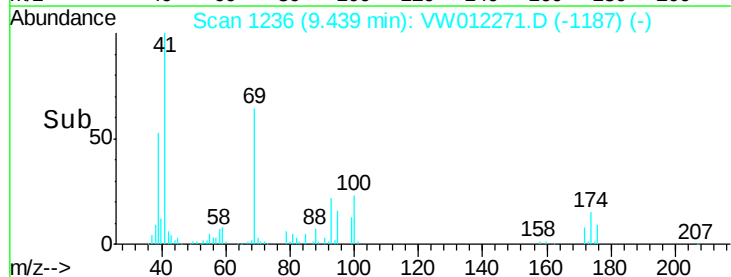
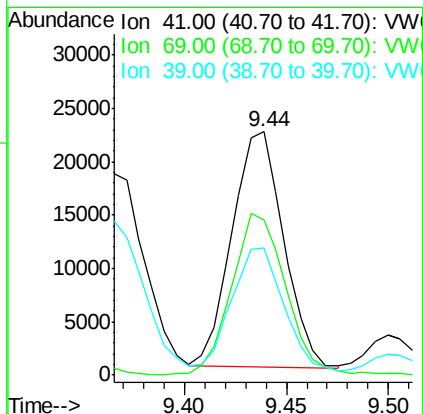
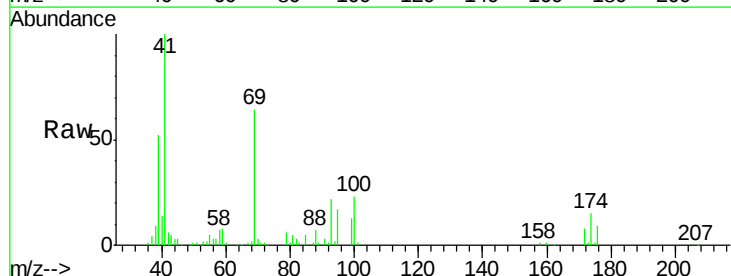
RT: 9.44 min Scan# 1236

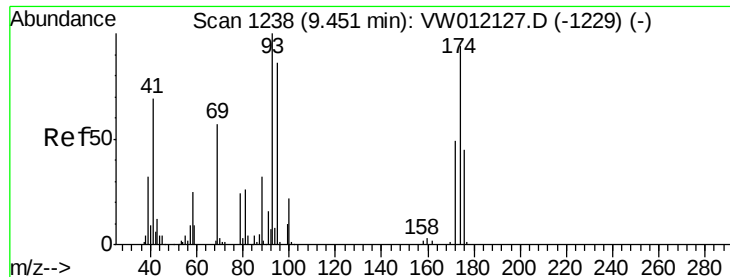
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	41	Resp:	38778
Ion	Ratio	Lower	Upper
41	100		
69	72.7	56.7	85.1
39	56.5	42.0	63.0





#49

1,4-Dioxane

Concen: 501.777 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

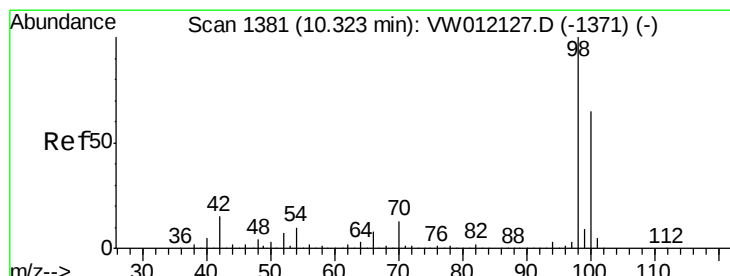
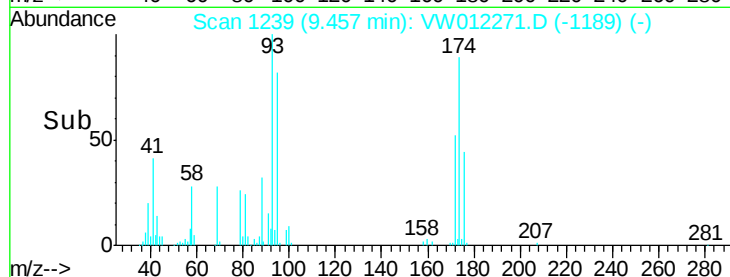
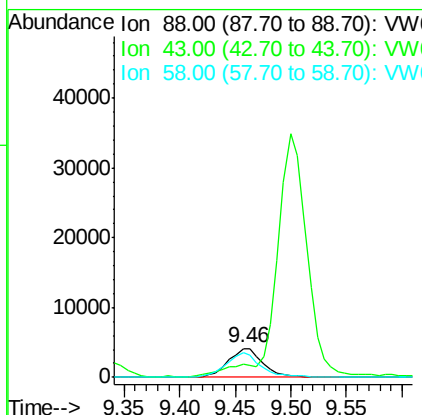
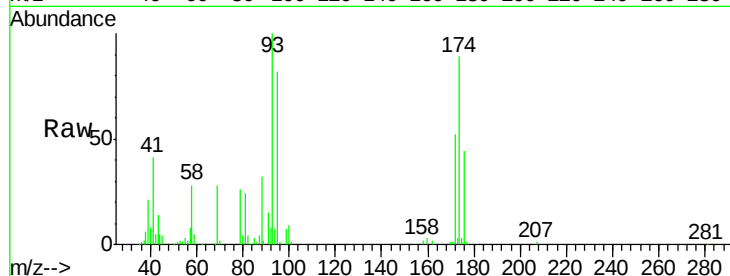
ClientSampleId :

VW0828SBS02

Tot Ion:	88	Resp:	8975
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	85.7	71.0	106.4

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#50

Toluene-d8

Concen: 51.170 ug/l

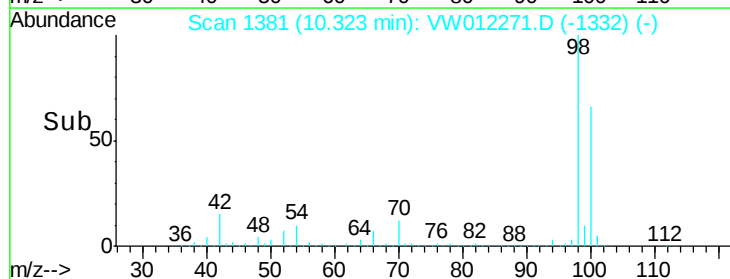
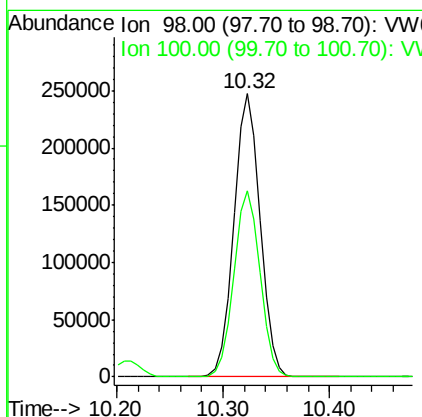
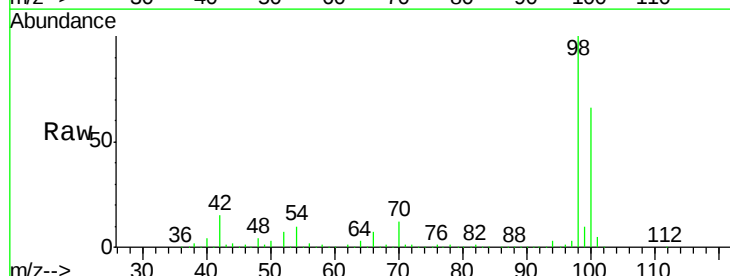
RT: 10.32 min Scan# 1381

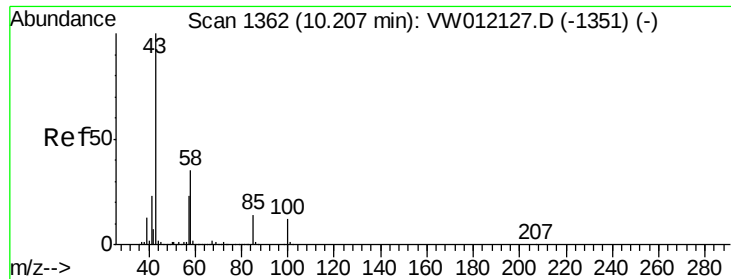
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	98	Resp:	428248
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 117.260 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 43 Resp: 216326

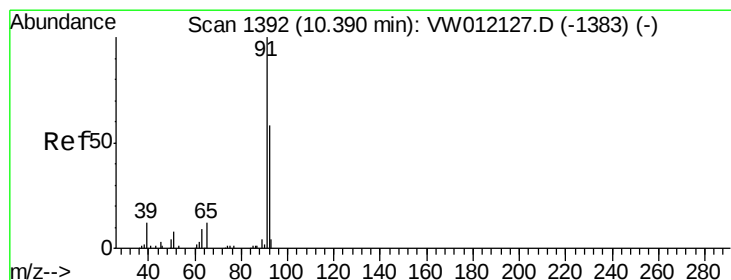
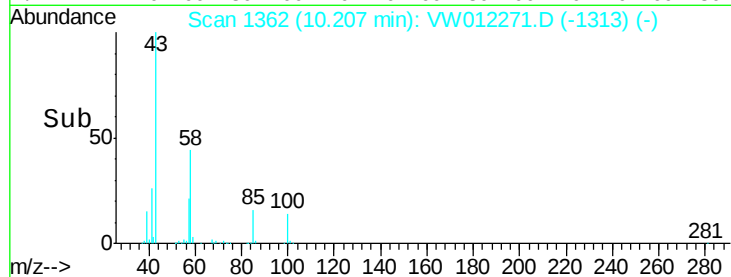
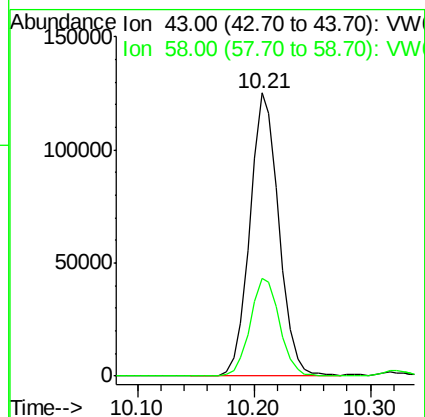
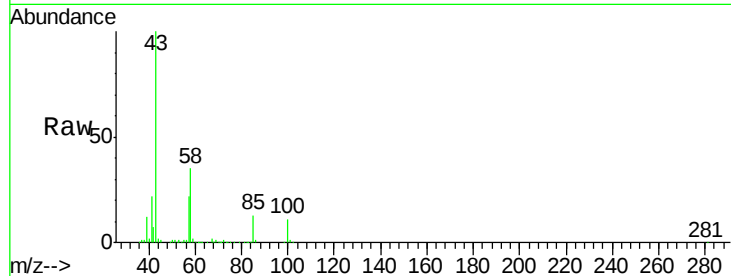
Ion Ratio Lower Upper

43 100

58 35.4 28.2 42.2

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#52

Toluene

Concen: 20.788 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012271.D

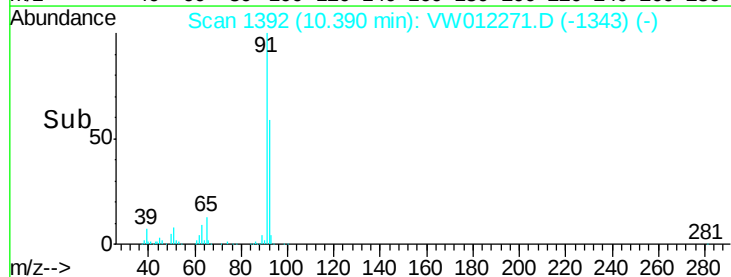
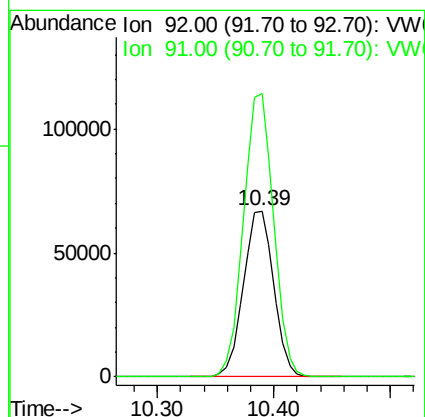
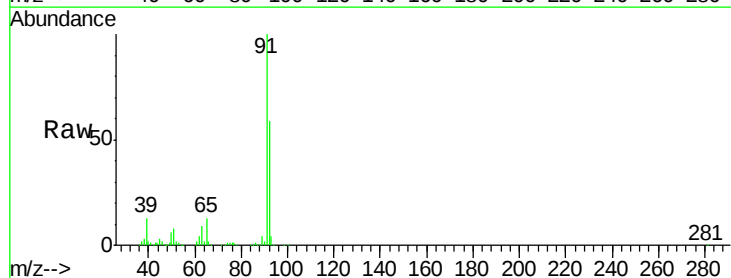
Acq: 29 Aug 2019 00:18

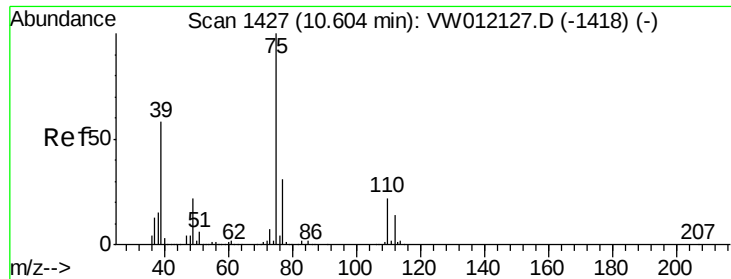
Tgt Ion: 92 Resp: 121851

Ion Ratio Lower Upper

92 100

91 169.8 136.6 204.8





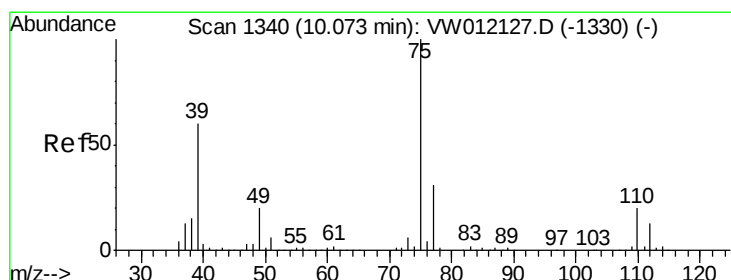
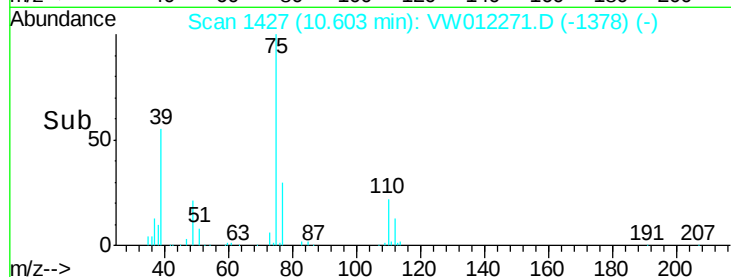
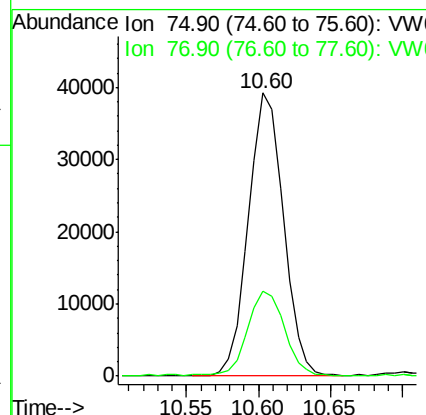
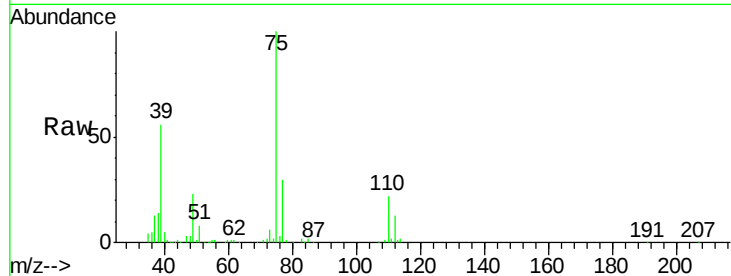
#53
t-1,3-Dichloropropene
Concen: 20.933 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion: 75 Resp: 66303
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.4

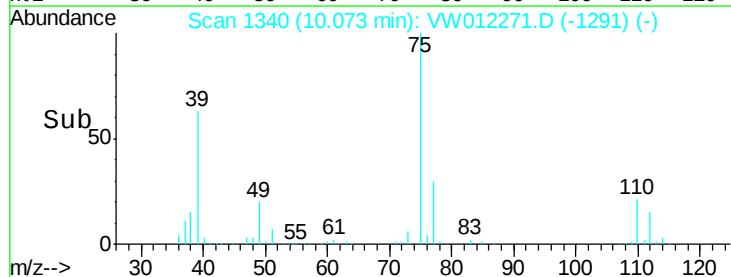
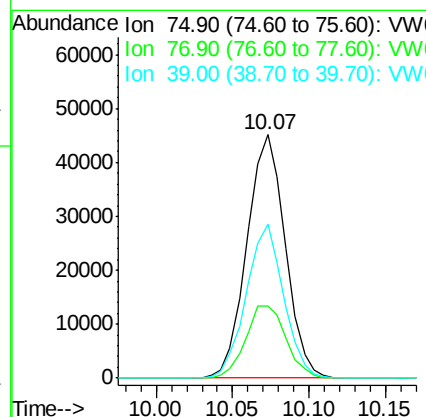
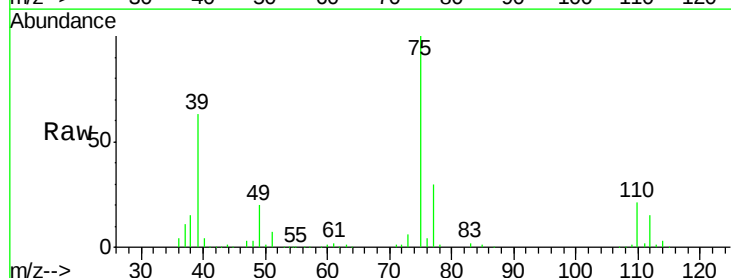
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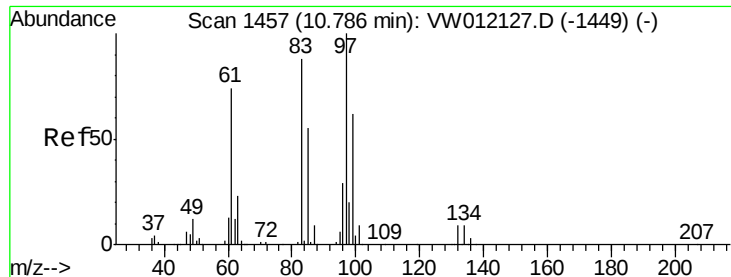
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#54
cis-1,3-Dichloropropene
Concen: 20.545 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion: 75 Resp: 78576
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7
39 63.3 48.3 72.5





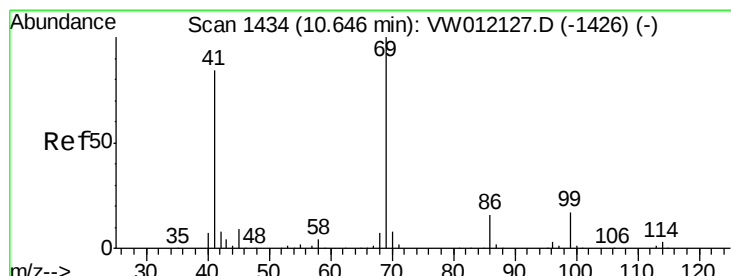
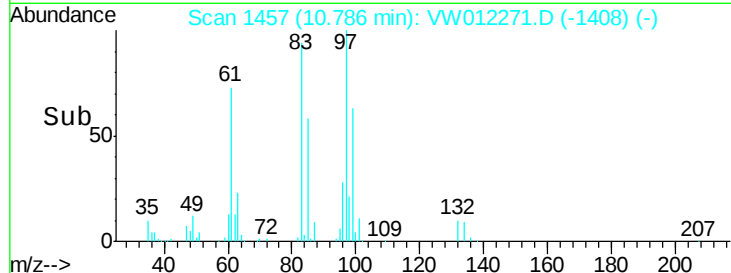
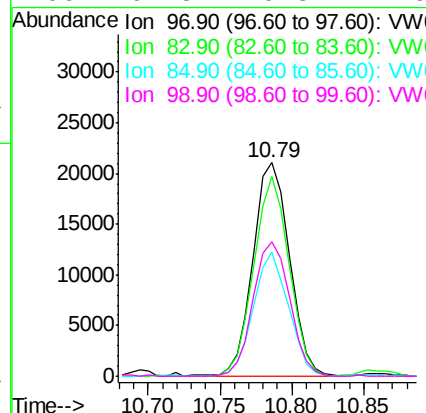
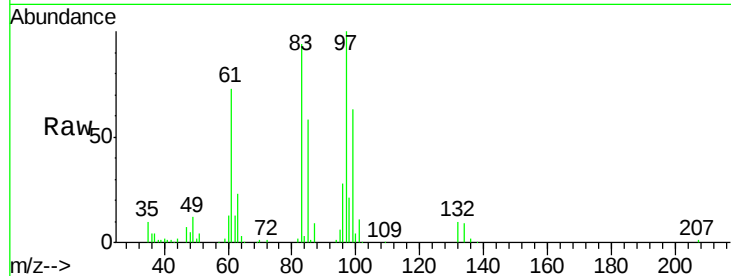
#55
 1,1,2-Trichloroethane
 Concen: 22.256 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		36791		
83	93.9	70.8	106.2		
85	58.3	43.8	65.8		
99	62.8	49.8	74.6		

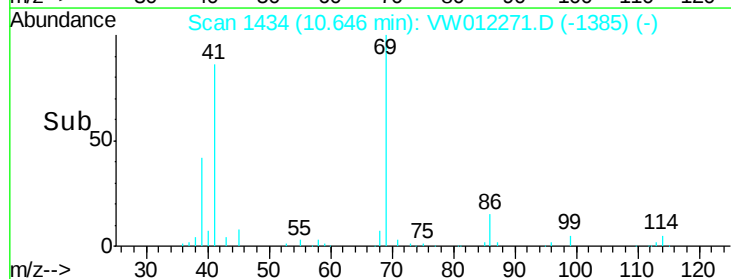
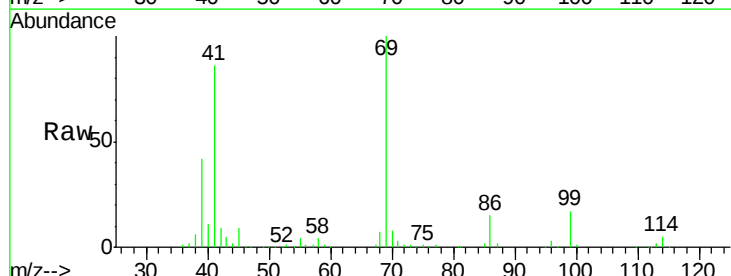
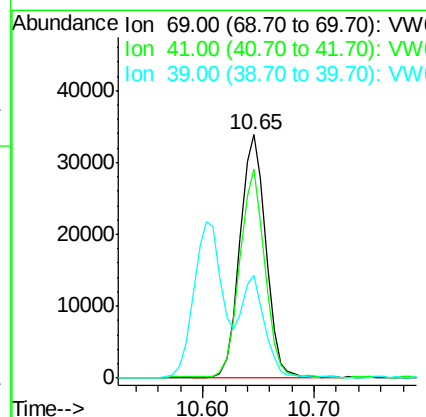
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#56
 Ethyl methacrylate
 Concen: 22.768 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		54779		
41	83.1	66.5	99.7		
39	37.3	31.0	46.4		





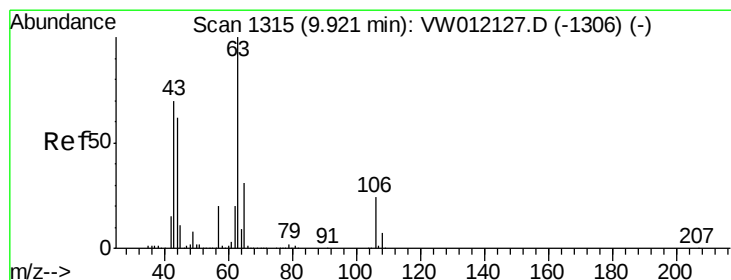
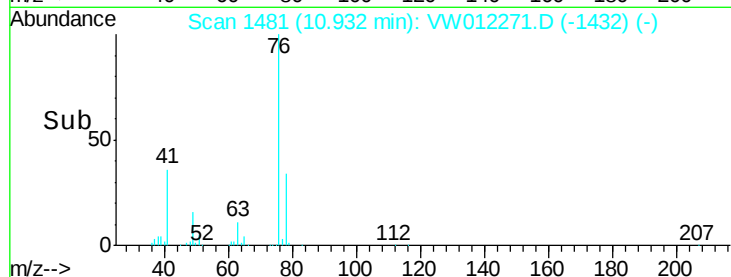
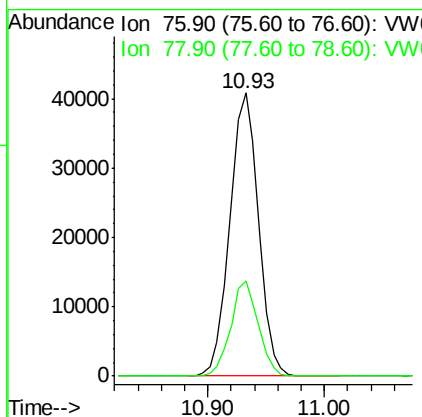
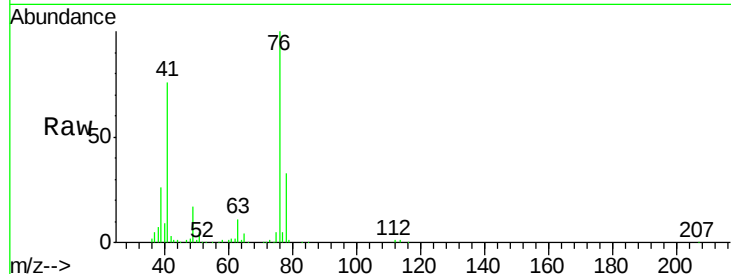
#57
 1,3-Dichloropropane
 Concen: 22.434 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion: 76 Resp: 70082
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

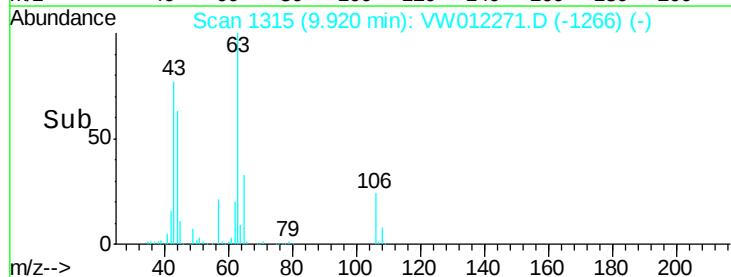
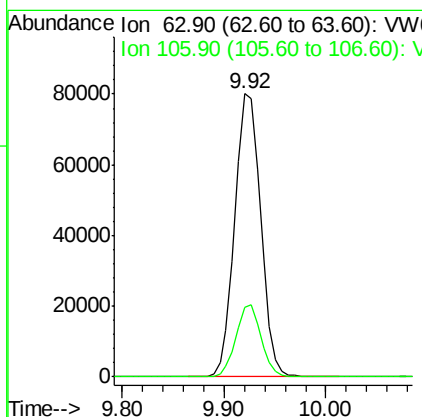
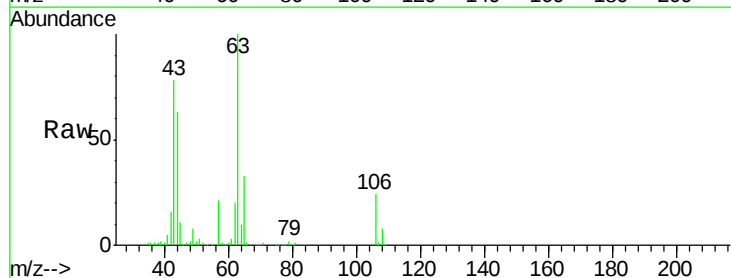
Manual Integrations
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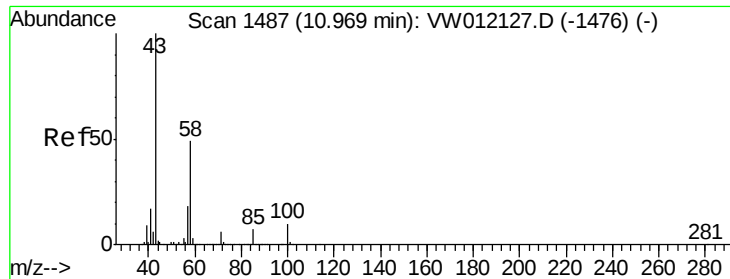
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#58
 2-Chloroethyl Vinyl ether
 Concen: 114.016 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion: 63 Resp: 140785
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.8





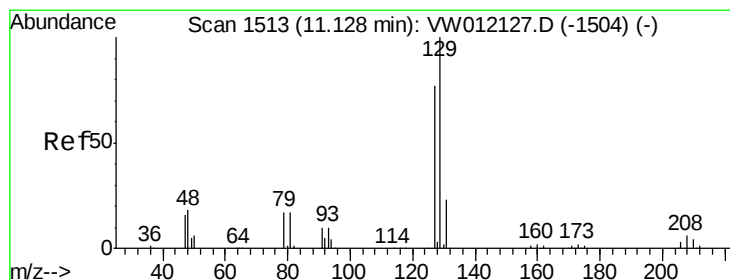
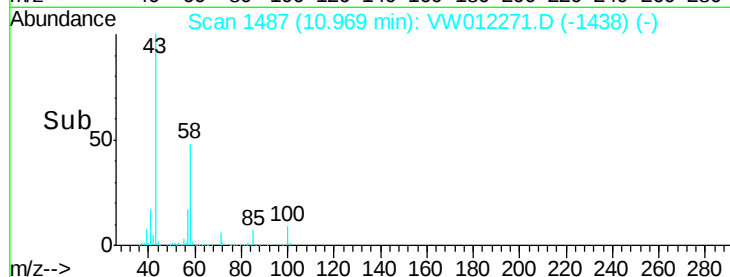
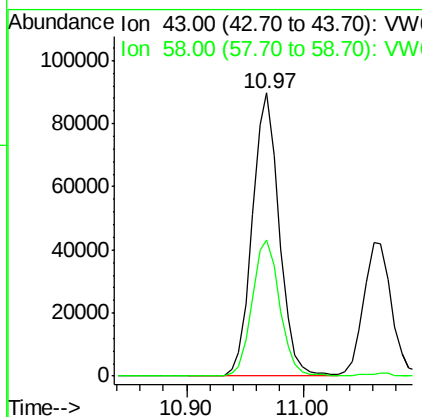
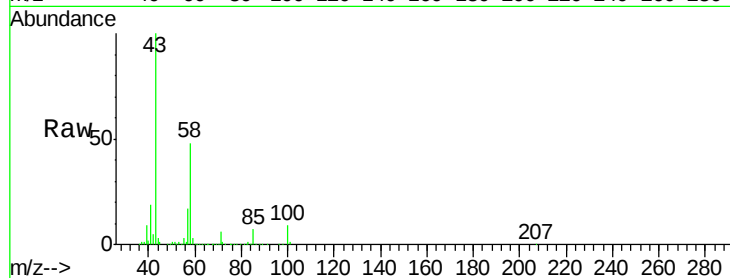
#59
2-Hexanone
Concen: 111.055 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion: 43 Resp: 144966
Ion Ratio Lower Upper
43 100
58 49.5 24.3 72.9

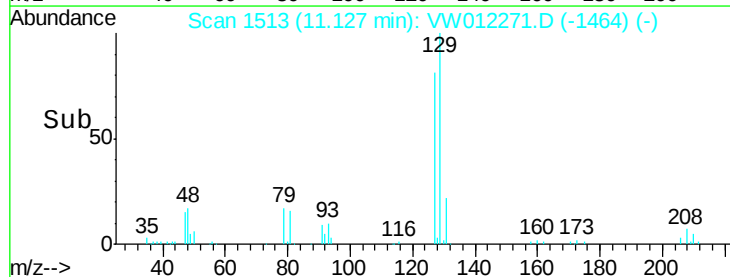
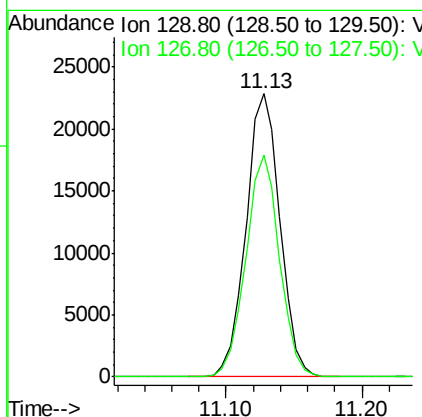
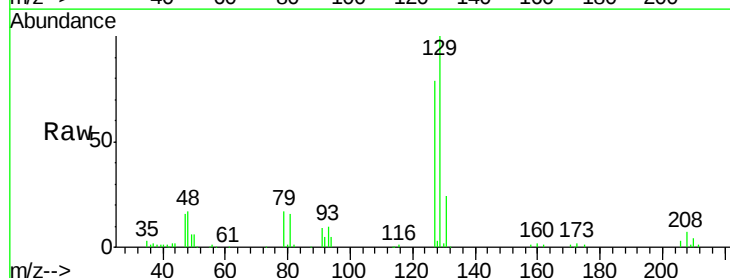
Manual Integrations
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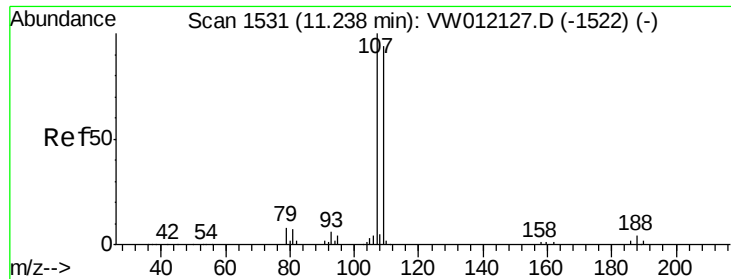
MMDadoda
8/29/2019 9:41:29 AM



#60
Dibromochloromethane
Concen: 21.698 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion:129 Resp: 39952
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





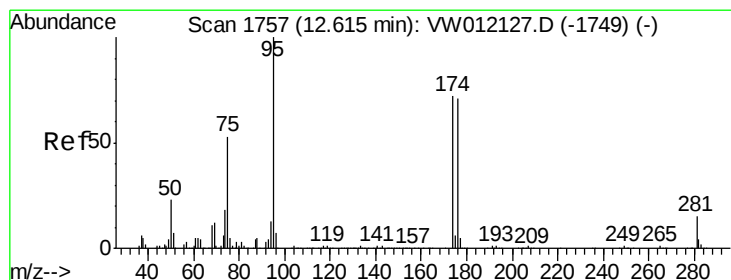
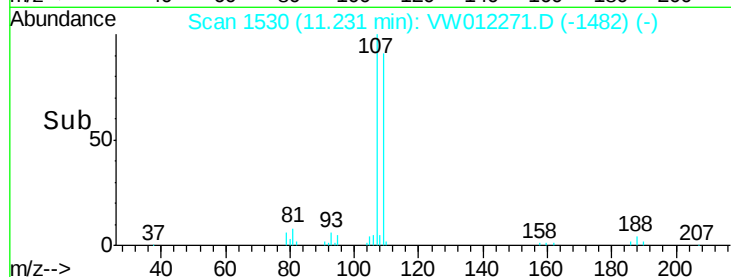
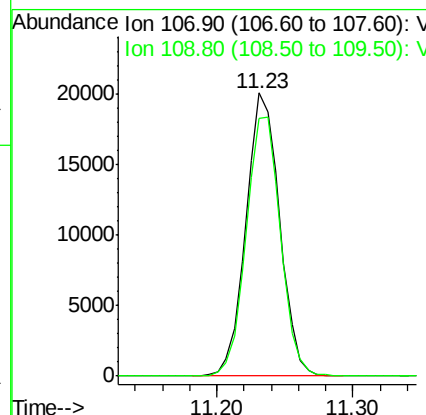
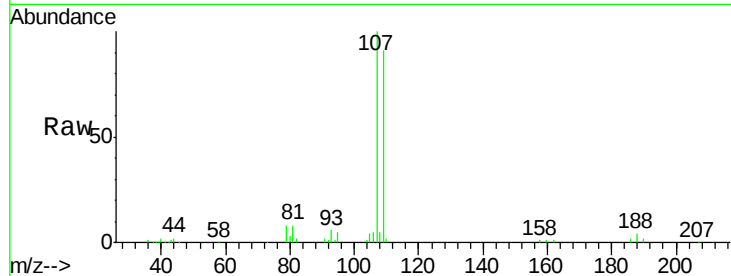
#61
 1,2-Dibromoethane
 Concen: 22.606 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	34815		
109	93.7	75.4	113.2	

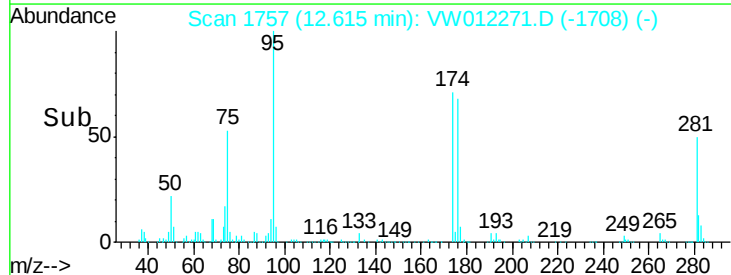
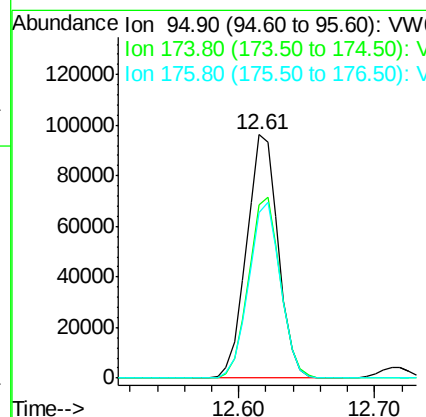
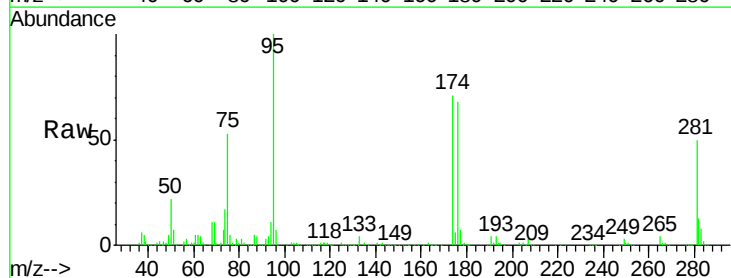
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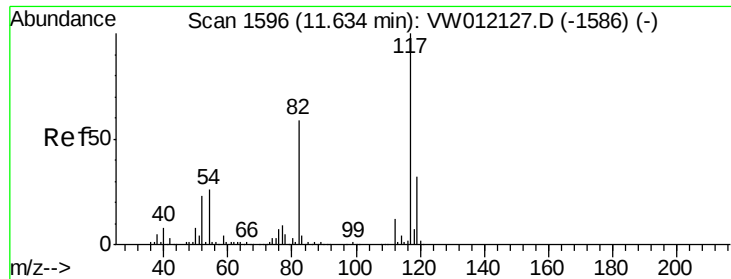
MMDadoda
 8/29/2019 9:41:29 AM



#62
 4-Bromofluorobenzene
 Concen: 53.051 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	156505		
174	74.7	0.0	150.8	
176	72.4	0.0	148.6	





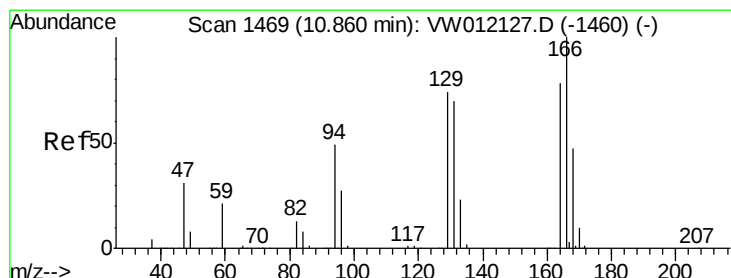
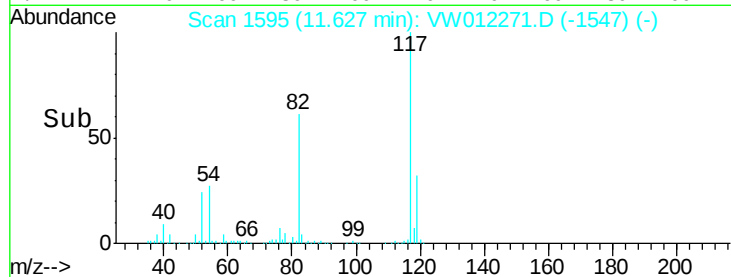
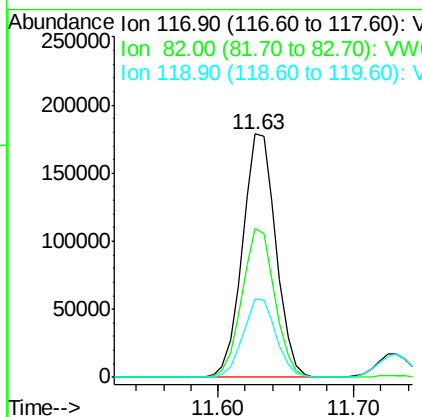
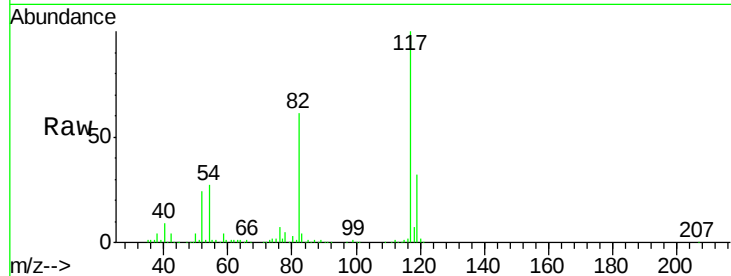
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	306626		
82	61.2		47.4	71.2
119	32.2		25.4	38.2

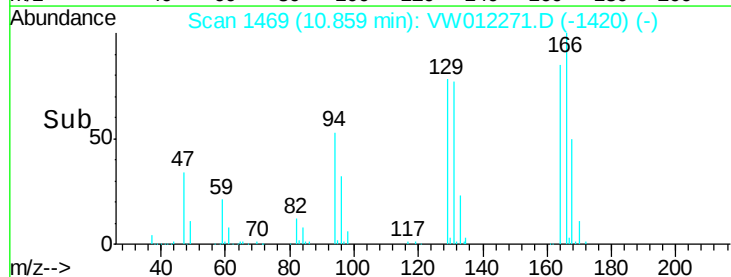
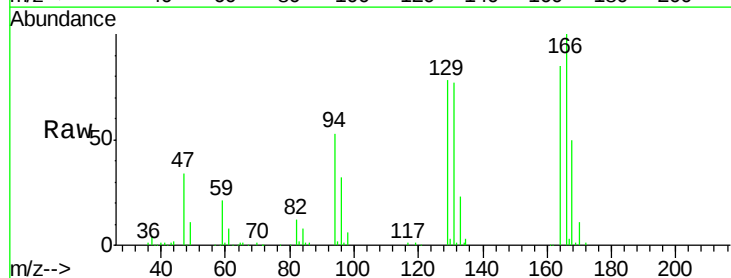
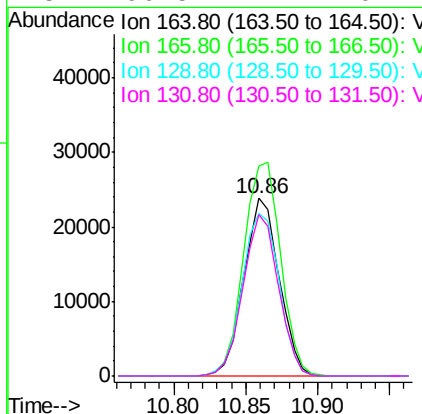
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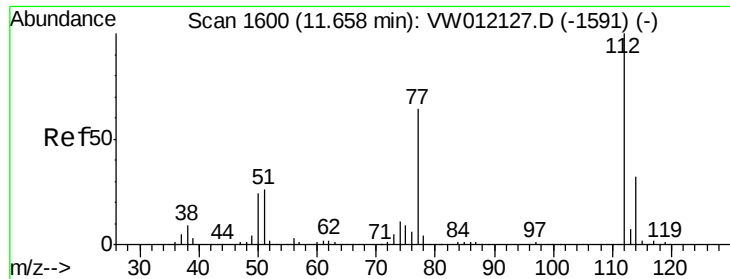
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#64
Tetrachloroethene
Concen: 20.376 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40507		
166	117.8		102.4	153.6
129	91.5		75.8	113.6
131	90.5		71.4	107.2





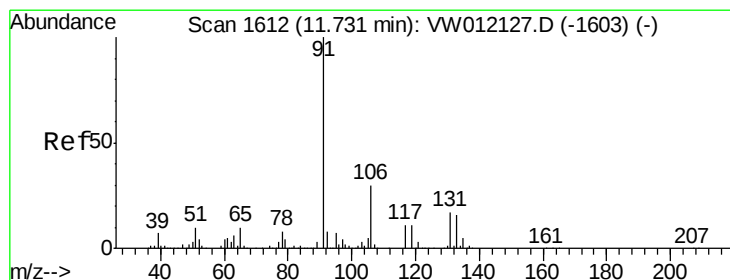
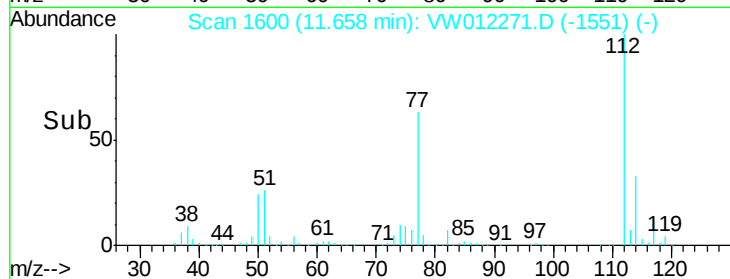
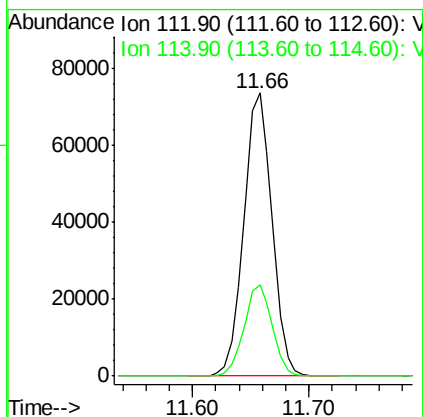
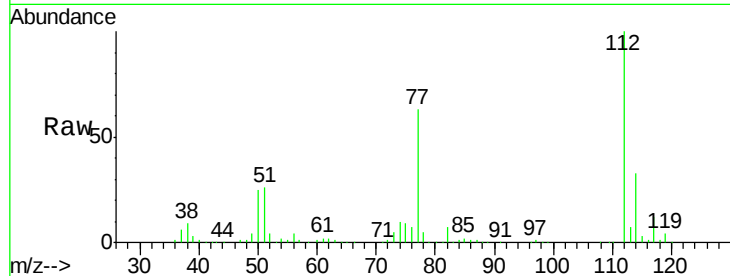
#65
Chlorobenzene
Concen: 20.662 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion:112 Resp: 124752
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

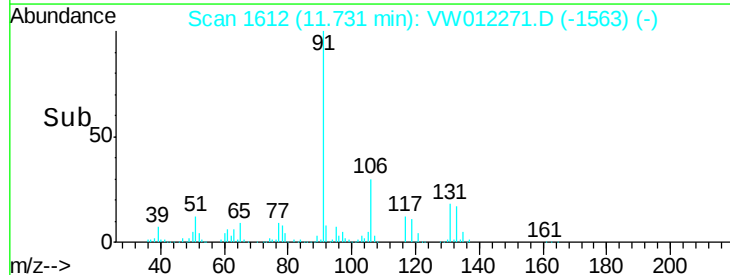
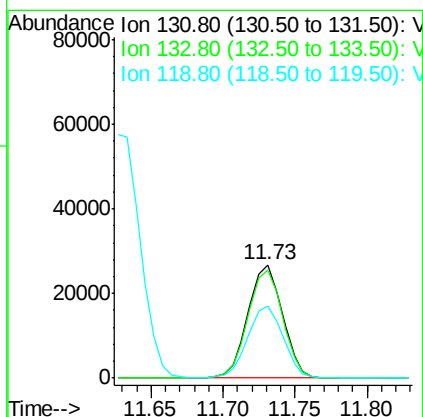
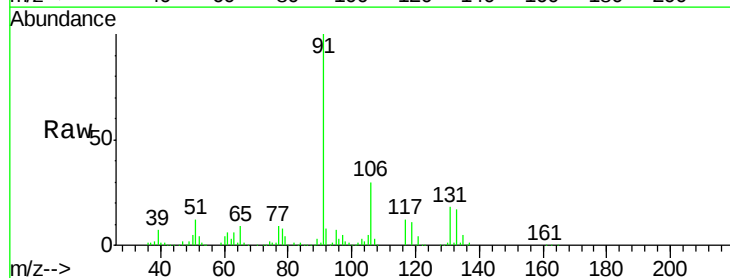
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.166 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion:131 Resp: 44583
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 64.7 31.8 95.3





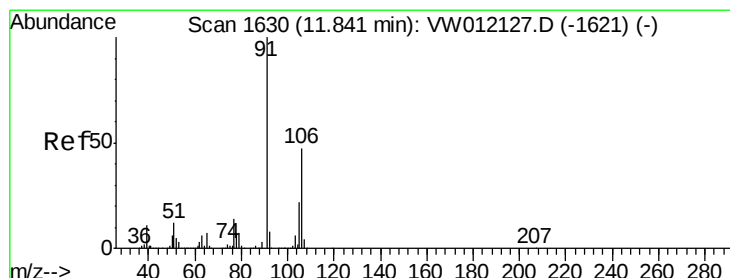
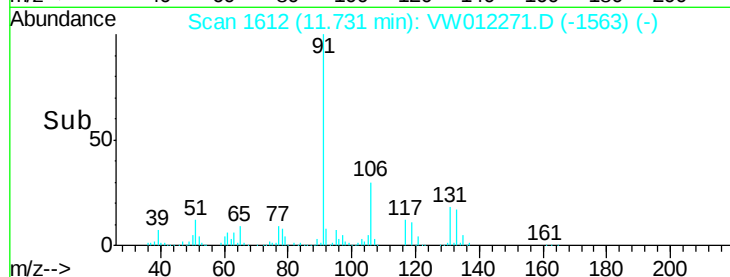
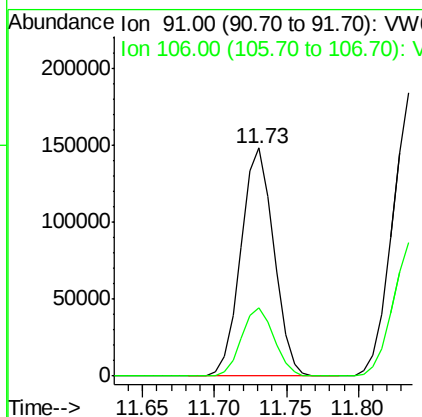
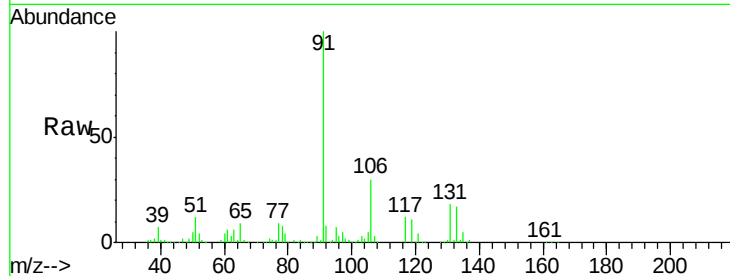
#67
Ethyl Benzene
Concen: 20.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5

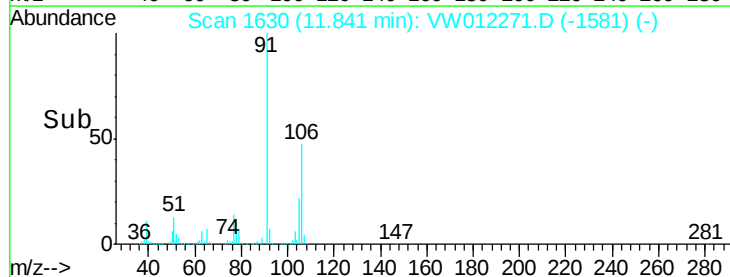
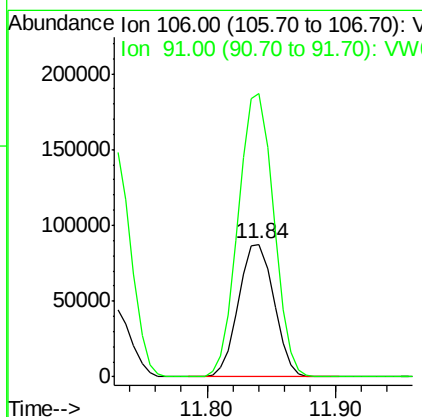
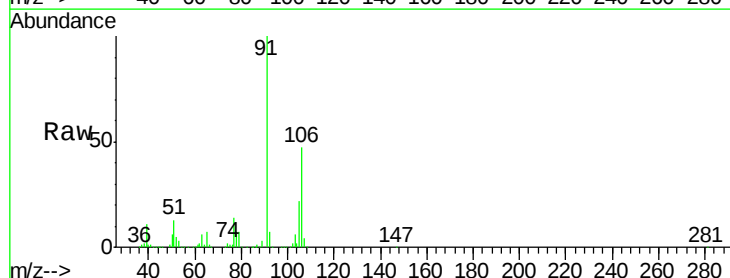
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#68
m/p-Xylenes
Concen: 40.155 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.4	169.5	254.3





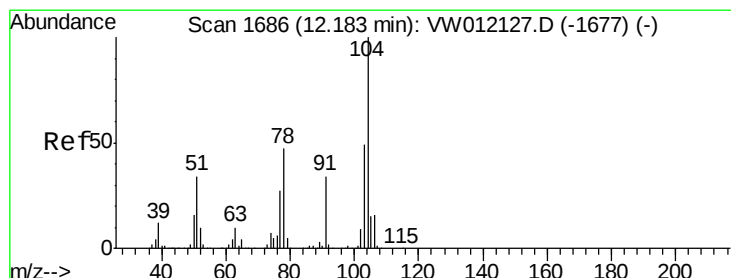
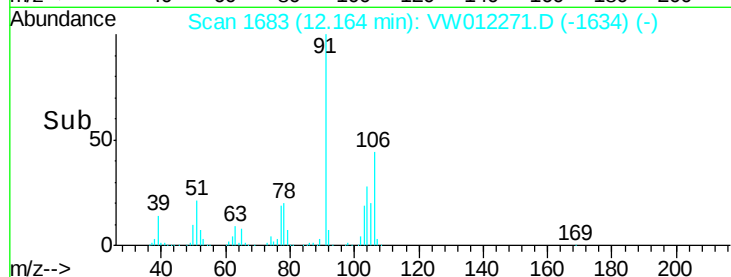
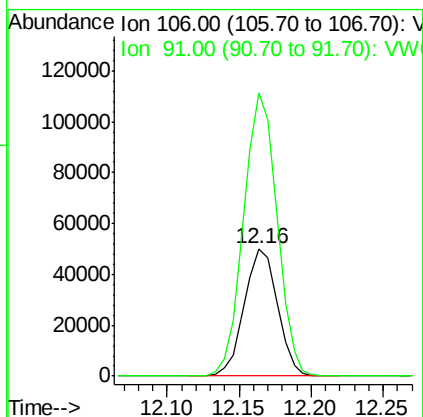
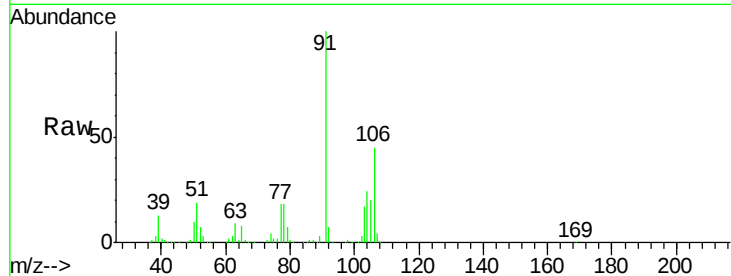
#69
o-Xylene
Concen: 20.638 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion:106 Resp: 80025
Ion Ratio Lower Upper
106 100
91 223.8 111.6 334.6

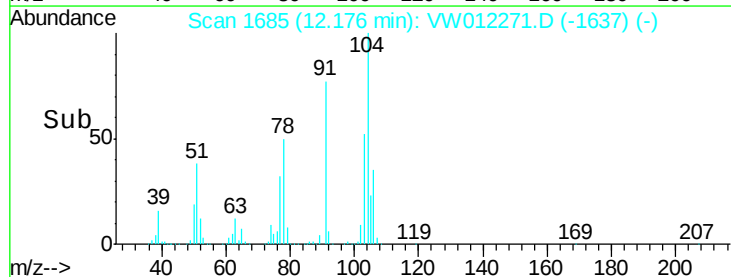
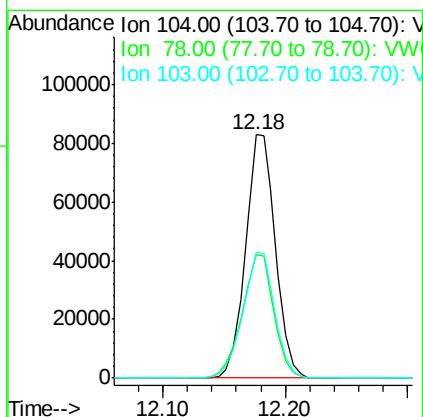
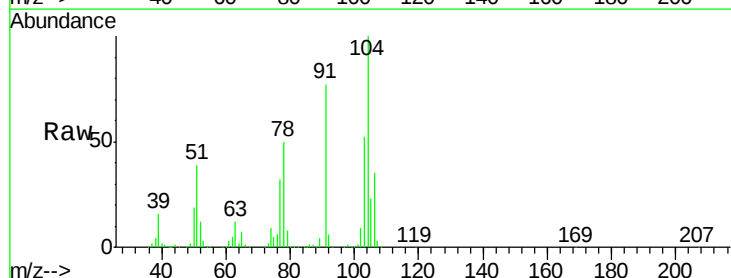
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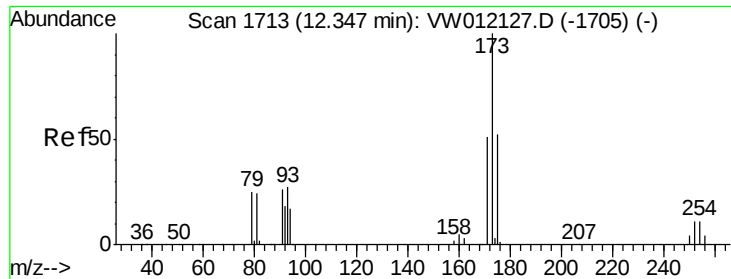
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#70
Styrene
Concen: 20.920 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion:104 Resp: 140406
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 54.8 43.5 65.3





#71

Bromoform

Concen: 21.907 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

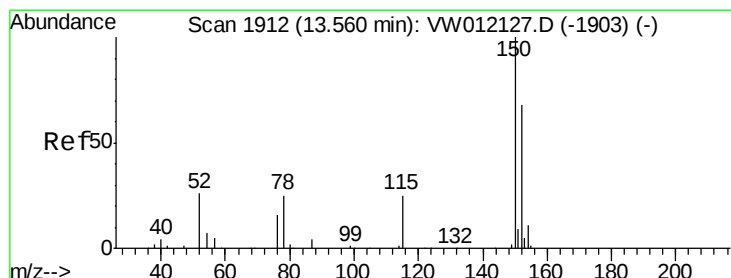
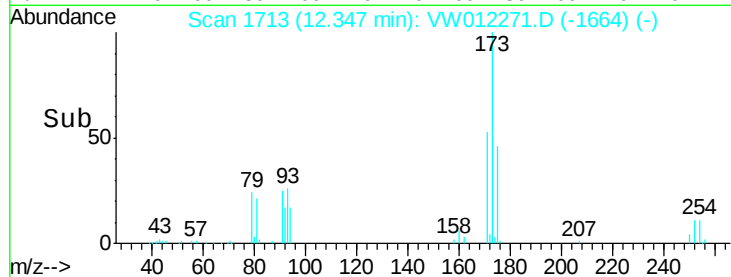
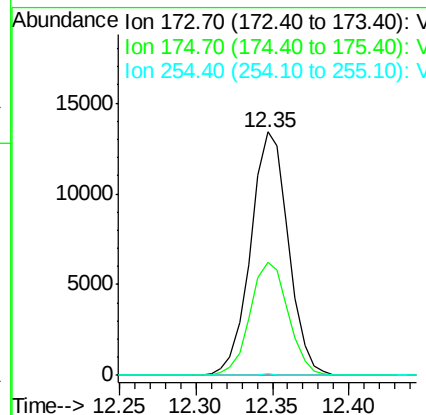
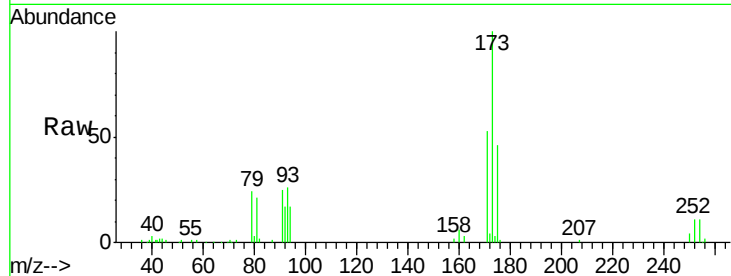
ClientSampleId :

VW0828SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.6	74.0
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

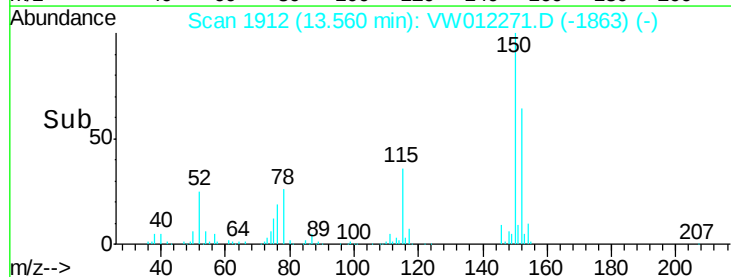
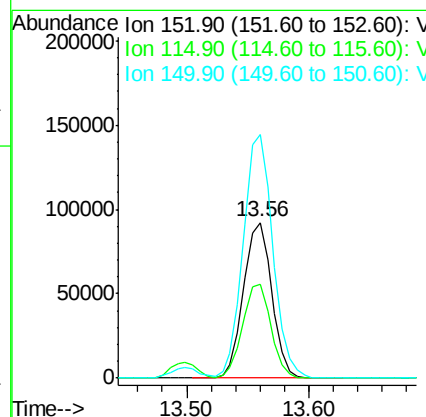
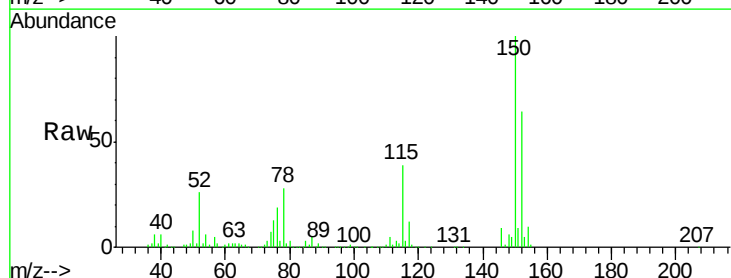
RT: 13.56 min Scan# 1912

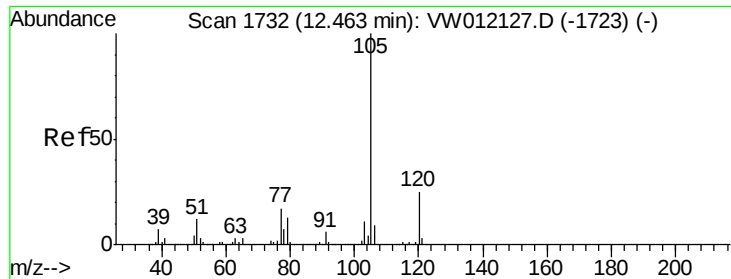
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.1	90.3
150	163.4	0.0	345.8





#73

Isopropylbenzene

Concen: 20.226 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion:105 Resp: 224403

Ion Ratio Lower Upper

105 100

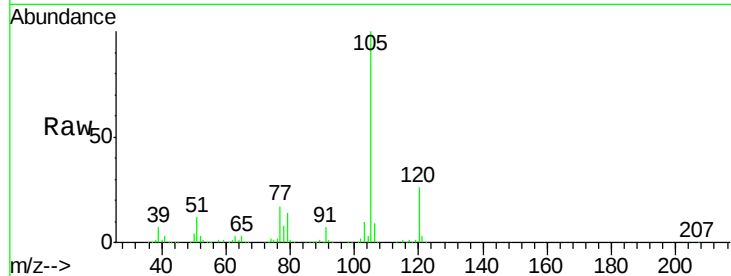
120 25.7 12.5 37.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

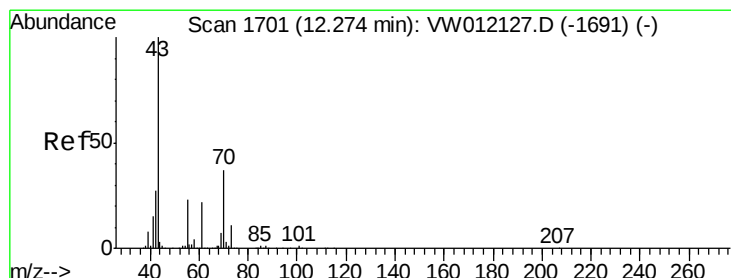
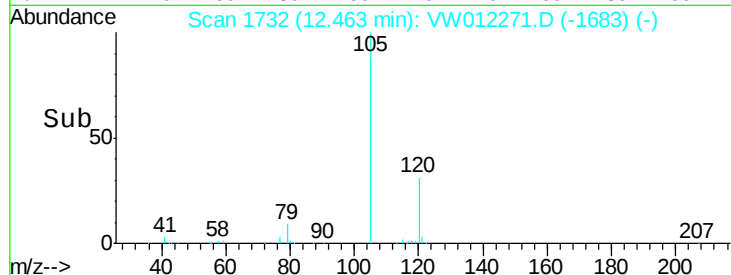
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 21.003 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion: 43 Resp: 70402

Ion Ratio Lower Upper

43 100

70 36.8 28.6 43.0

55 23.4 17.8 26.6

61 22.2 17.3 25.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

40000

20000

0

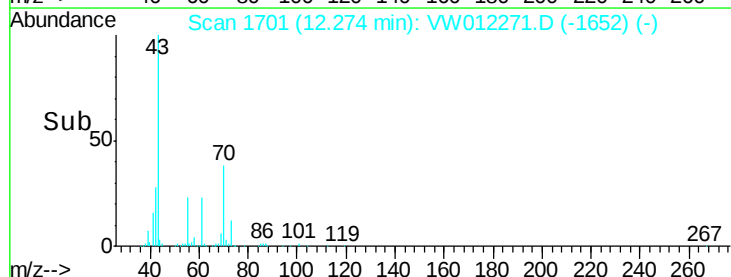
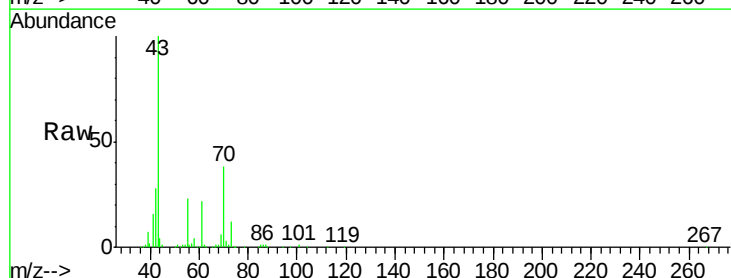
12.27

12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.155 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

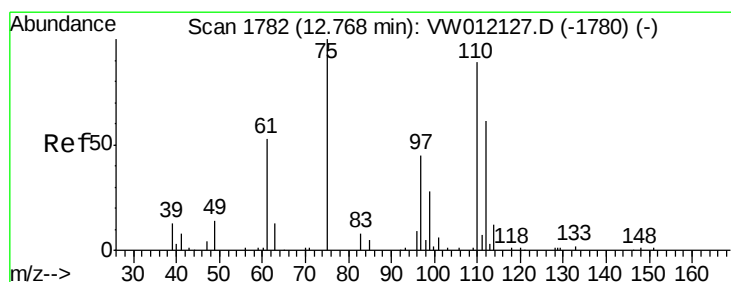
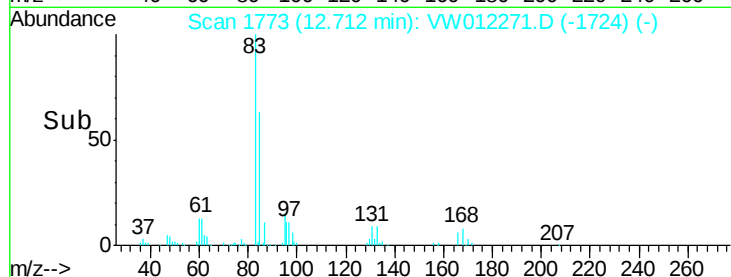
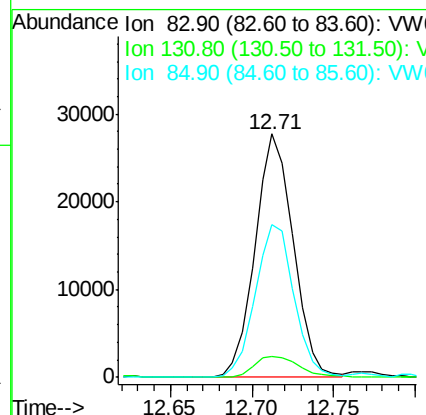
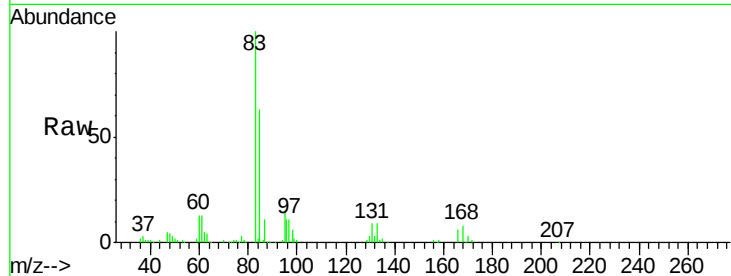
ClientSampleId :

VW0828SBS02

Tot Ion:	83	Resp:	45063
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	63.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.861 ug/l m

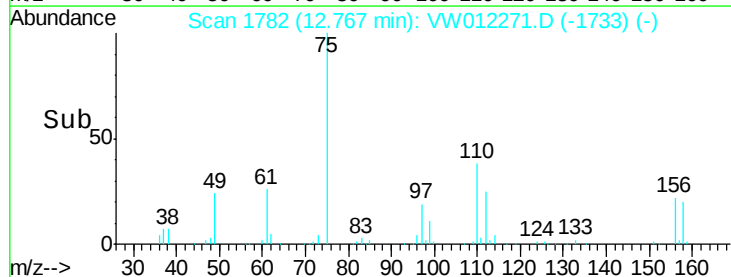
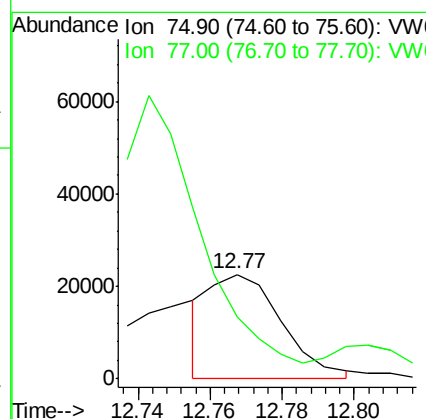
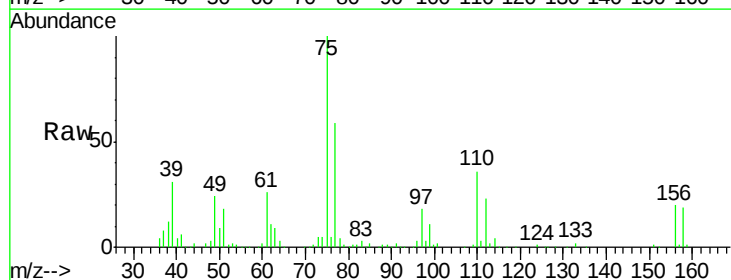
RT: 12.77 min Scan# 1782

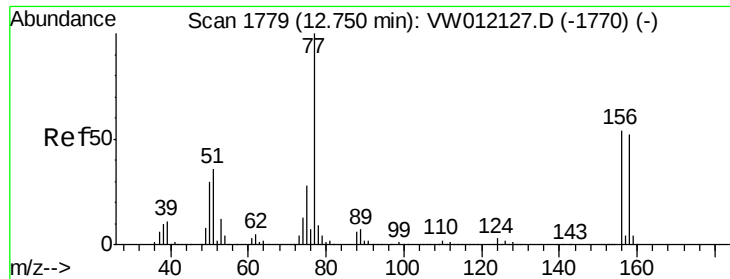
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	75	Resp:	31525
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.094 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

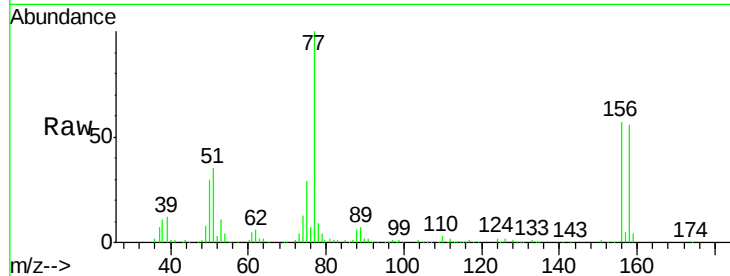
ClientSampleId :

VW0828SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.8	107.3	321.8
158	95.7	49.0	147.0

Manual Integrations
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8/29/2019 9:41:29 AM

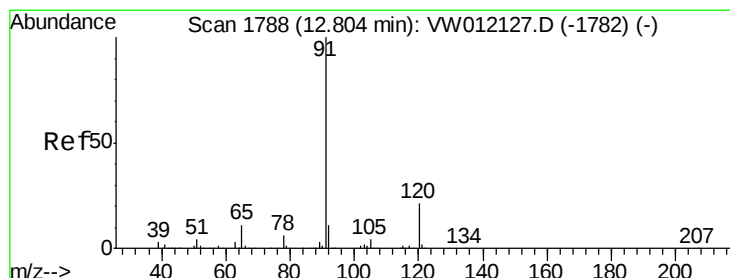
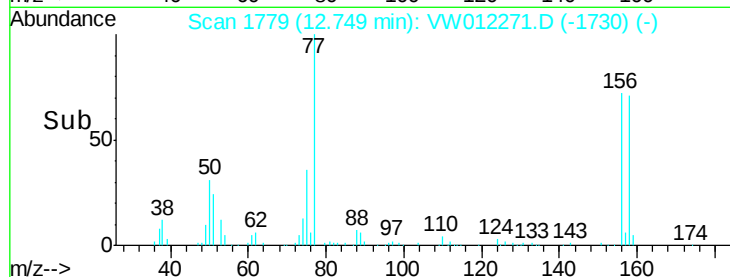
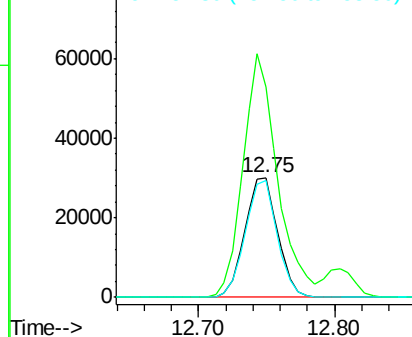


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.918 ug/l

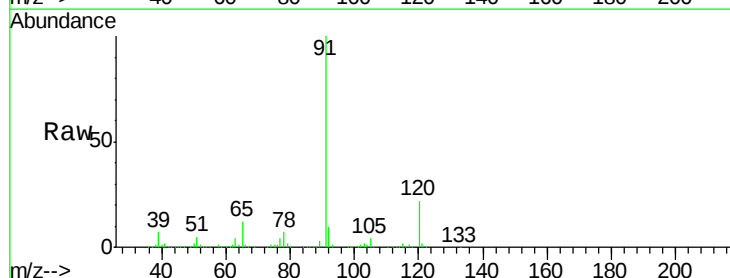
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

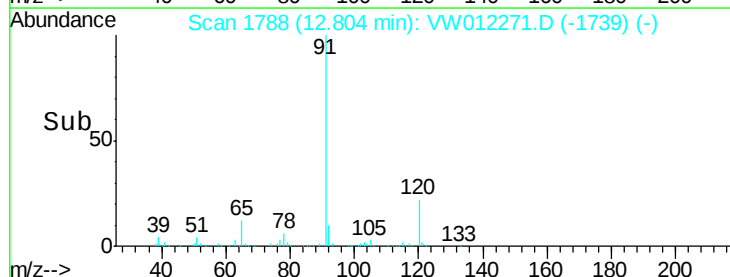
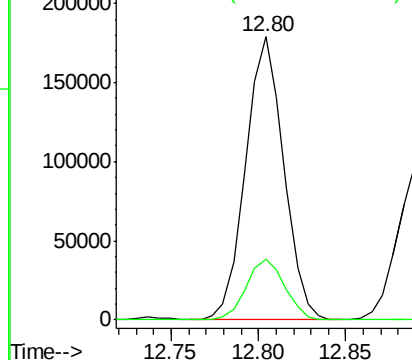
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.5	31.6



Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.214 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion: 91 Resp: 155439

Ion Ratio Lower Upper

91 100

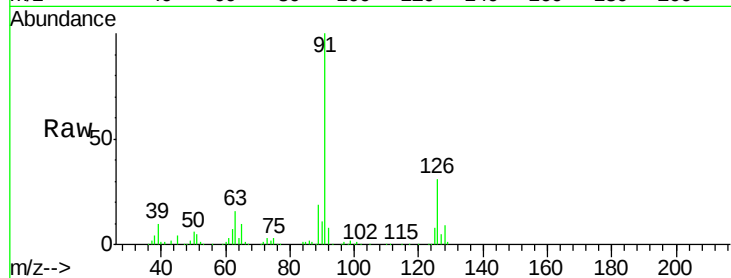
126 31.9 15.7 47.0

Manual Integrations

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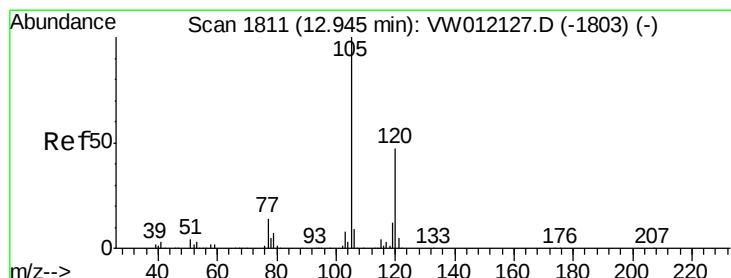
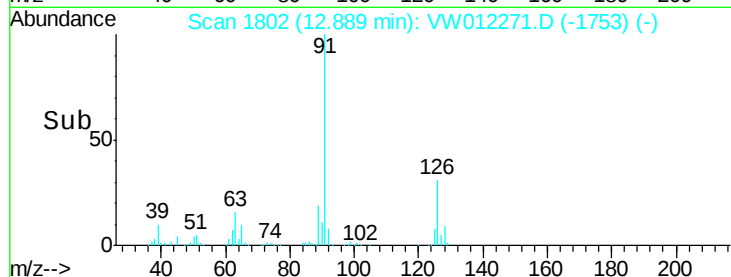
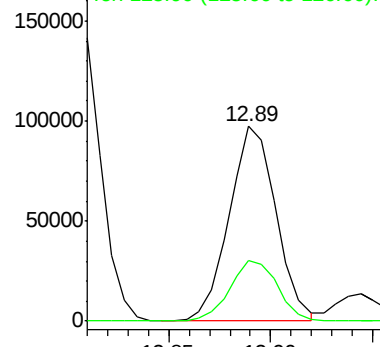
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.667 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012271.D

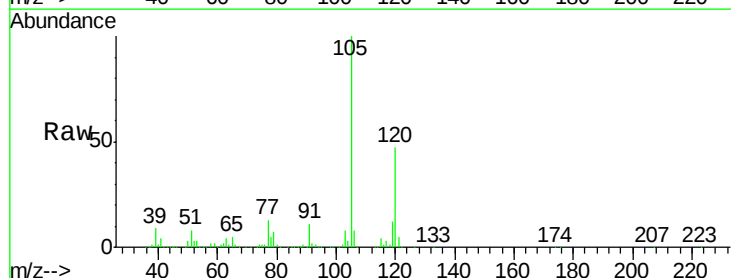
Acq: 29 Aug 2019 00:18

Tgt Ion:105 Resp: 191598

Ion Ratio Lower Upper

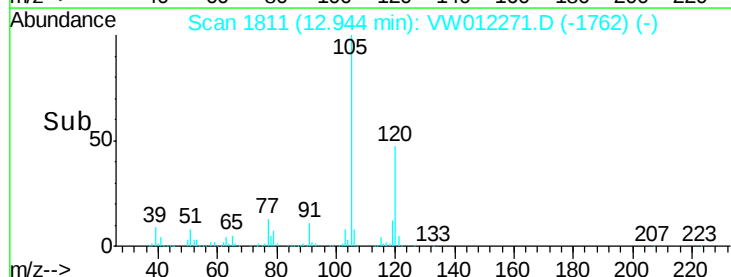
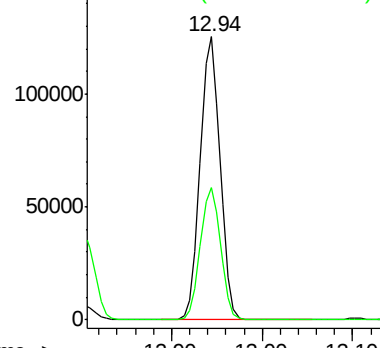
105 100

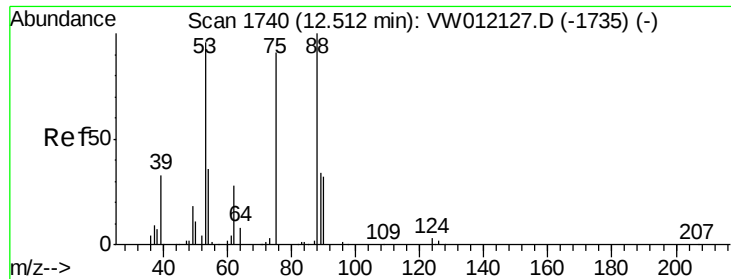
120 47.5 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





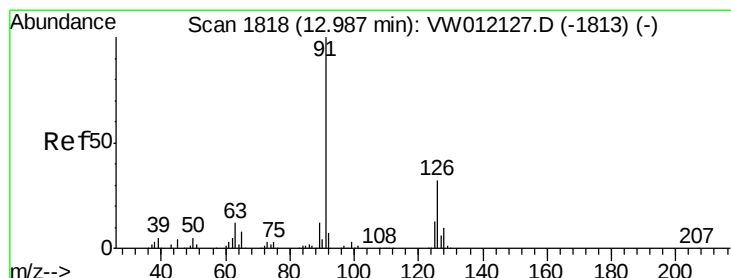
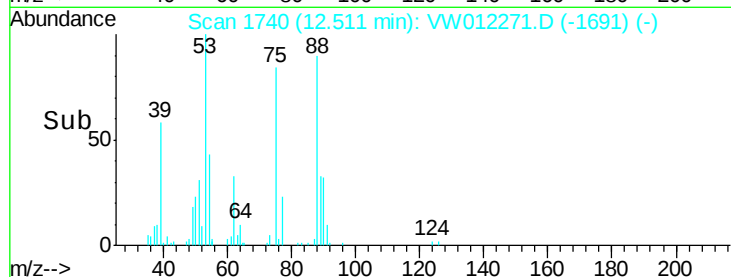
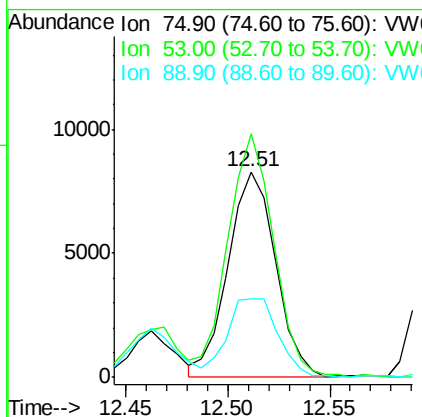
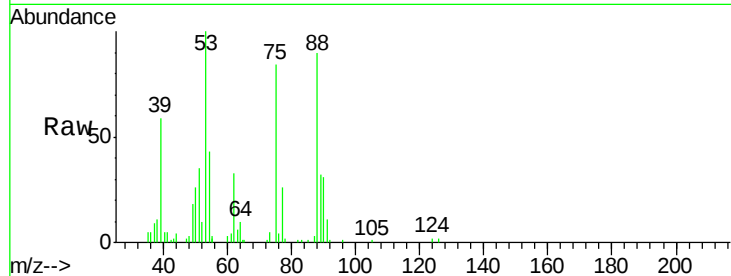
#81
trans-1,4-Dichloro-2-butene
Concen: 20.447 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.4	89.4	134.0
89	40.9	34.5	51.7

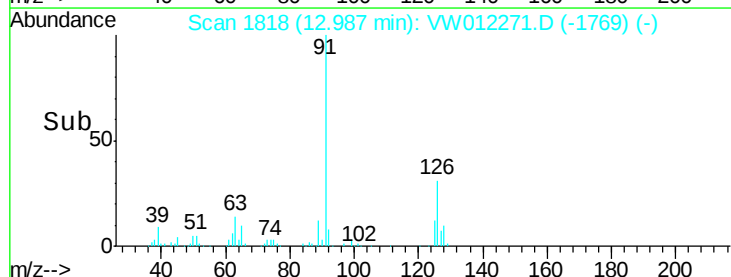
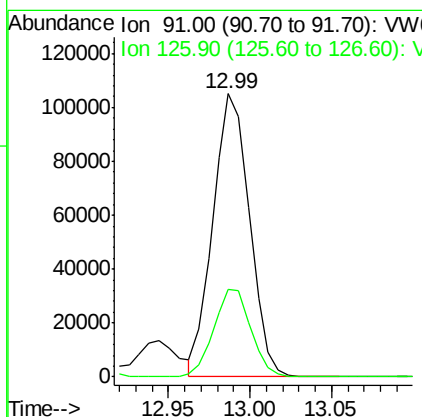
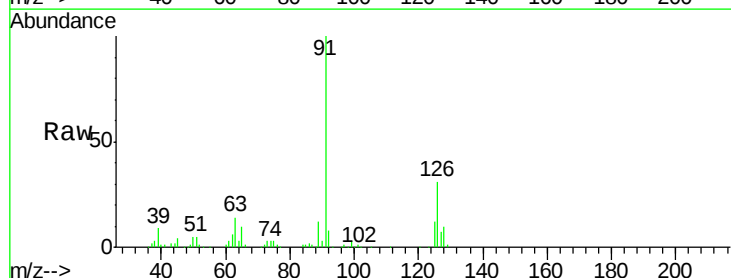
Manual Integrations
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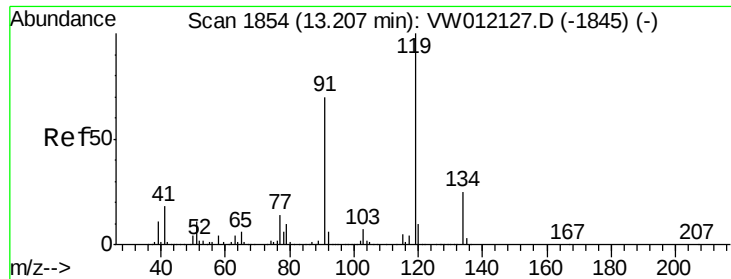
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#82
4-Chlorotoluene
Concen: 20.432 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





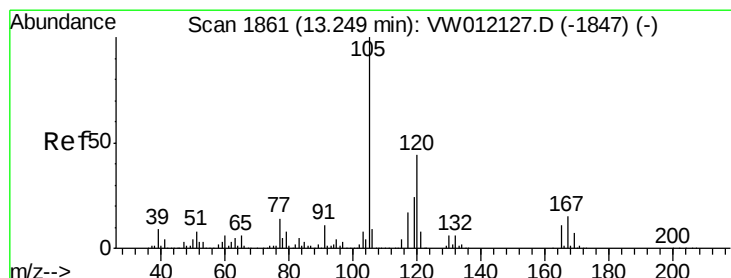
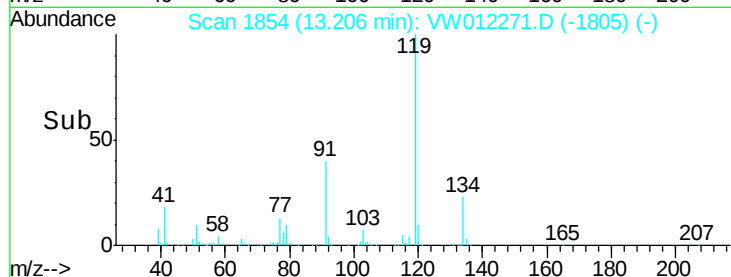
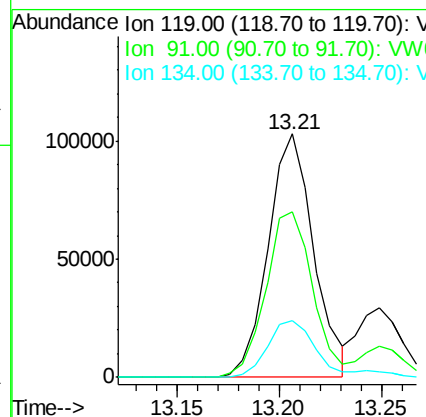
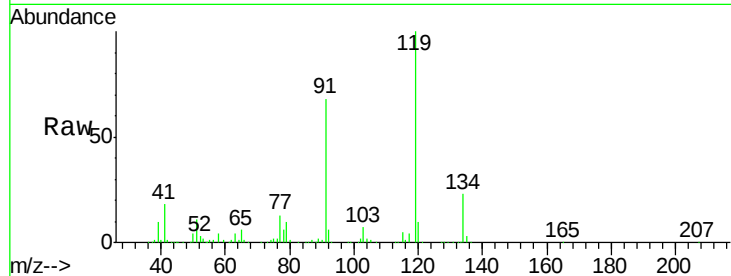
#83
tert-Butylbenzene
Concen: 20.420 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.8	34.8	104.3
134	24.4	13.3	39.8

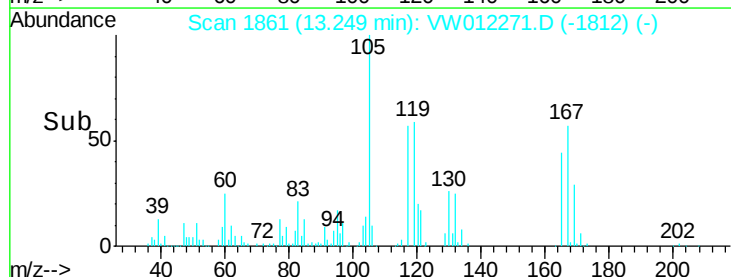
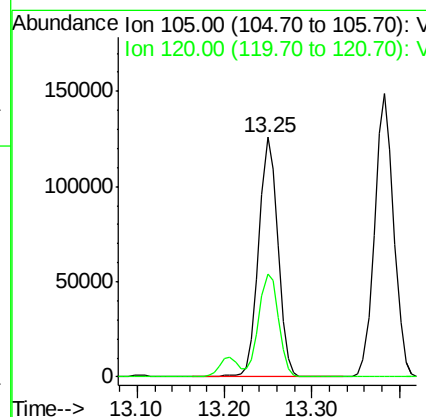
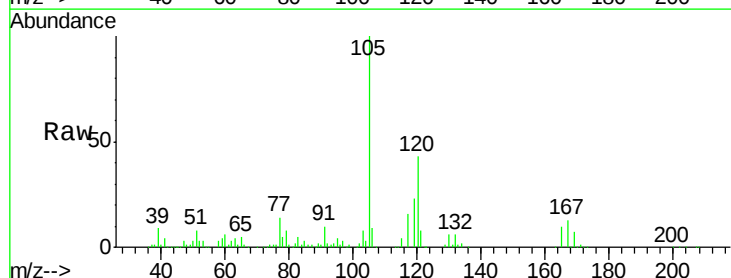
Manual Integrations
APPROVED

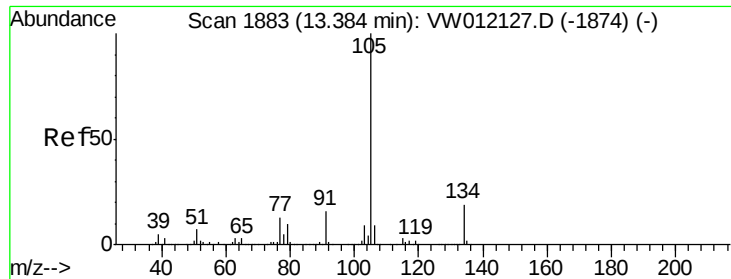
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#84
1,2,4-Trimethylbenzene
Concen: 20.540 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





#85

sec-Butylbenzene

Concen: 20.183 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBS02

Tot Ion:105 Resp: 227083

Ion Ratio Lower Upper

105 100

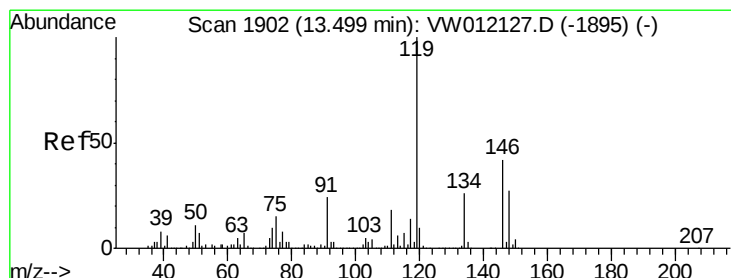
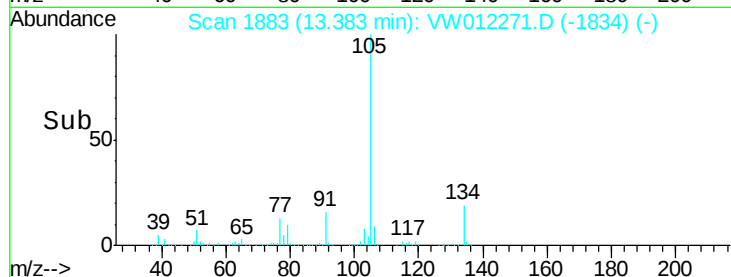
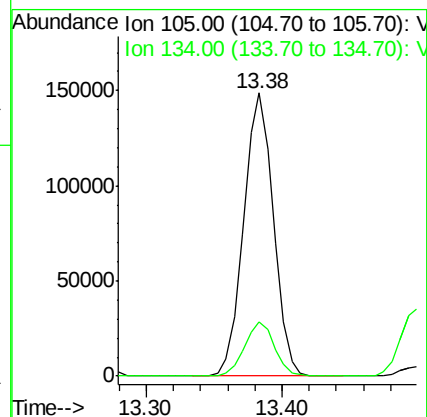
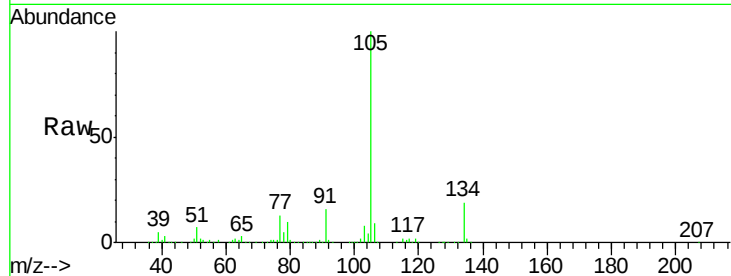
134 19.1 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.205 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

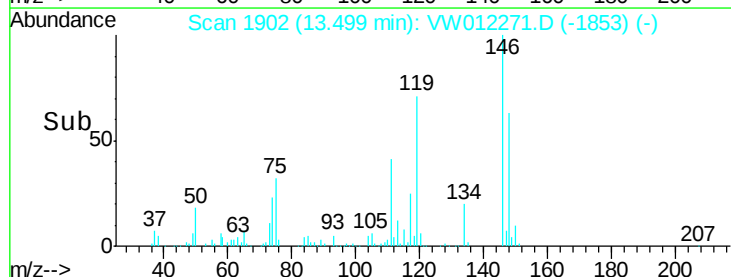
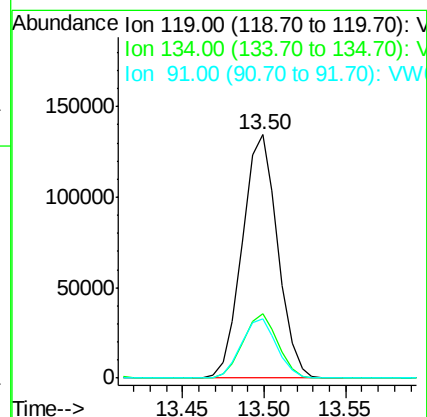
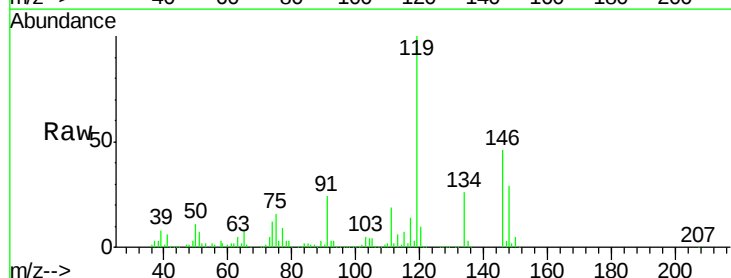
Tgt Ion:119 Resp: 203015

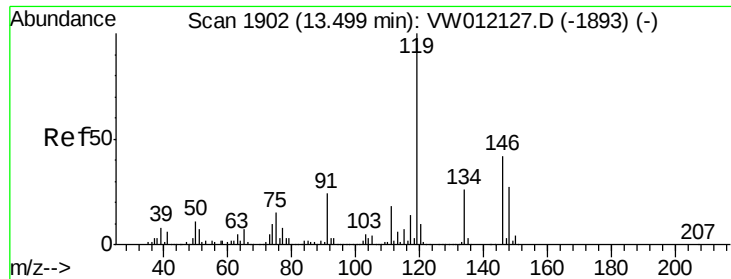
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

91 24.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.895 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Instrument :

MSVOA_W

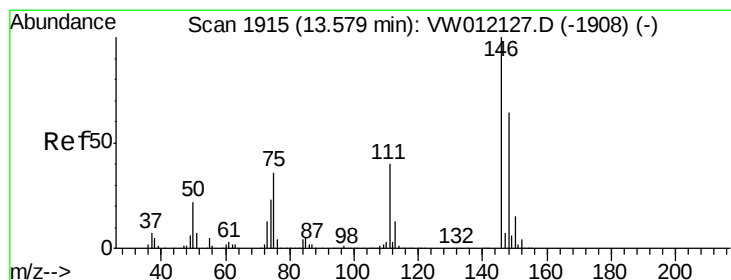
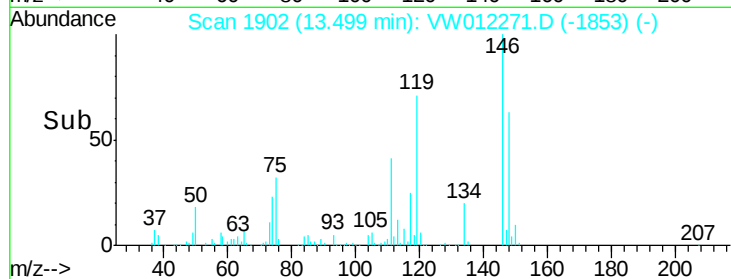
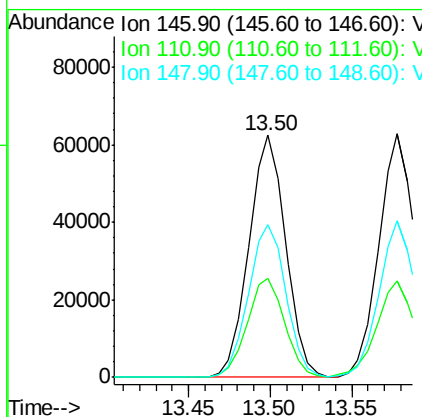
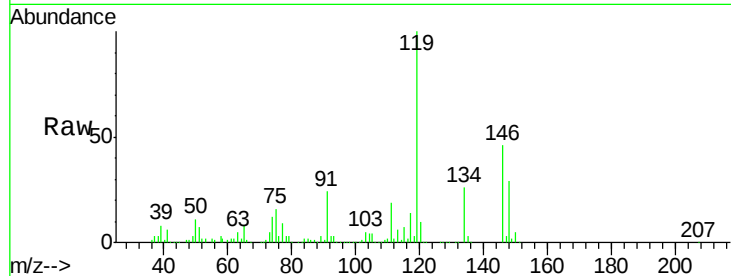
ClientSampleId :

VW0828SBS02

Tot Ion:	146	Resp:	98096
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.9	62.7
148	64.6	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.075 ug/l

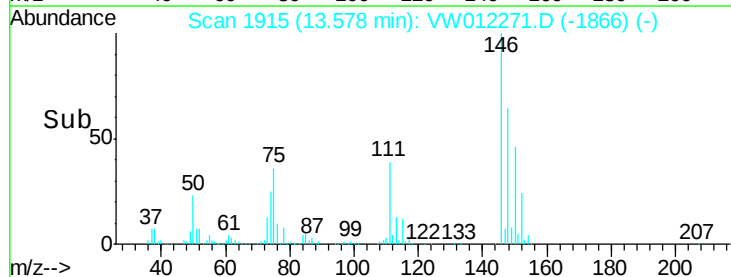
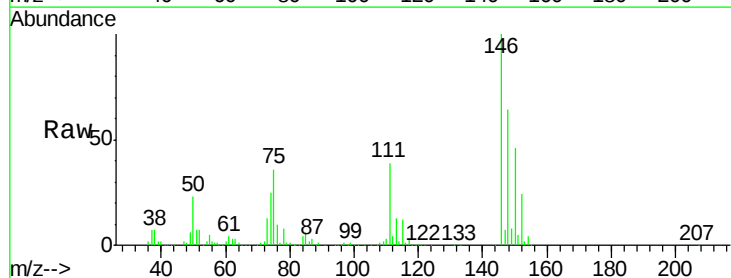
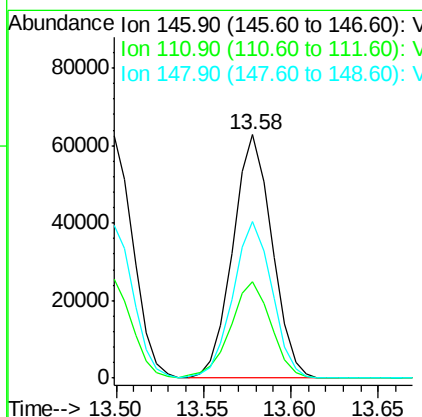
RT: 13.58 min Scan# 1915

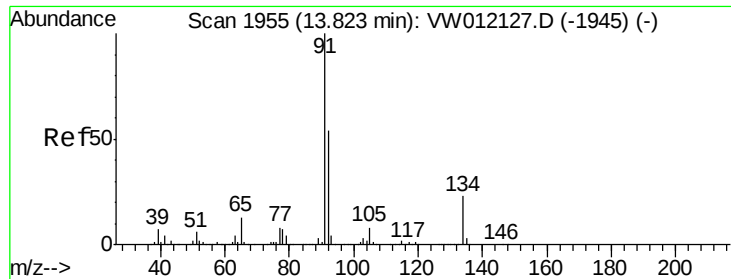
Delta R.T. -0.00 min

Lab File: VW012271.D

Acq: 29 Aug 2019 00:18

Tgt Ion:	146	Resp:	98242
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.0	60.0
148	64.2	32.1	96.3





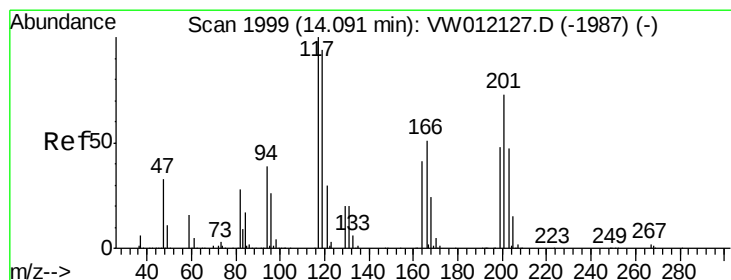
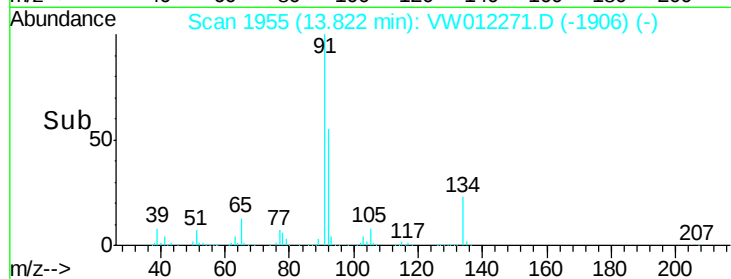
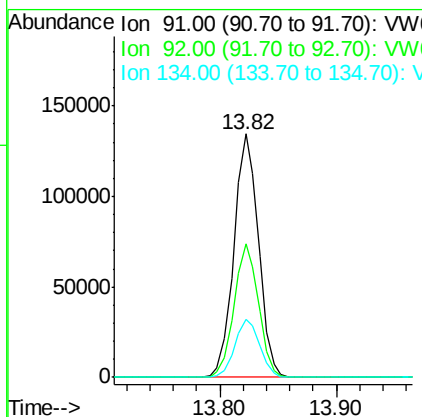
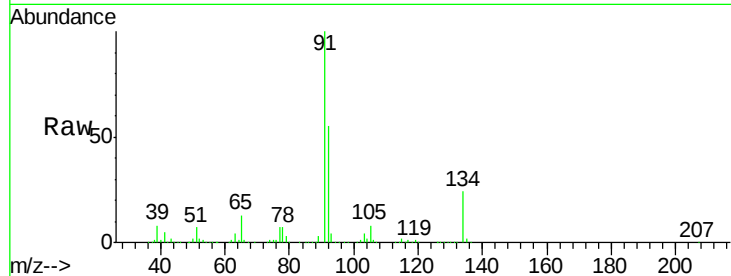
#89
n-Butylbenzene
Concen: 19.775 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	197589		
92	54.4		27.1	81.2
134	24.2		12.2	36.4

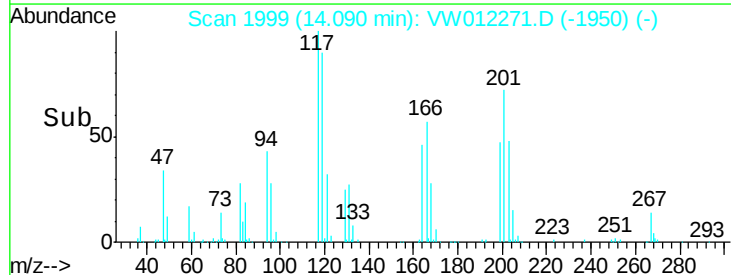
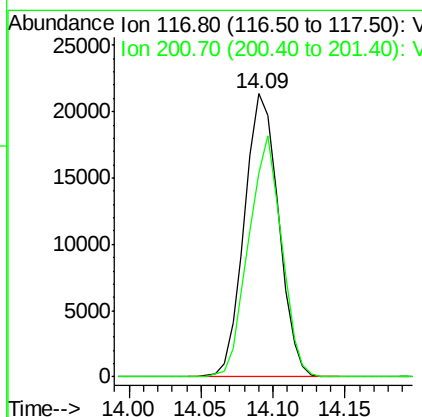
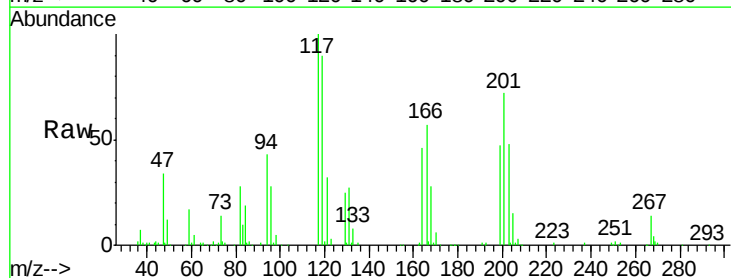
Manual Integrations
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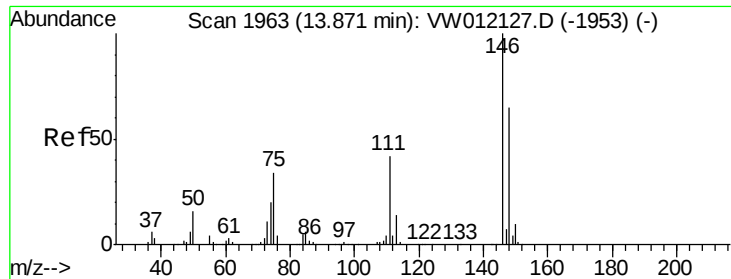
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#90
Hexachloroethane
Concen: 19.957 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35182		
201	81.9		38.6	115.7





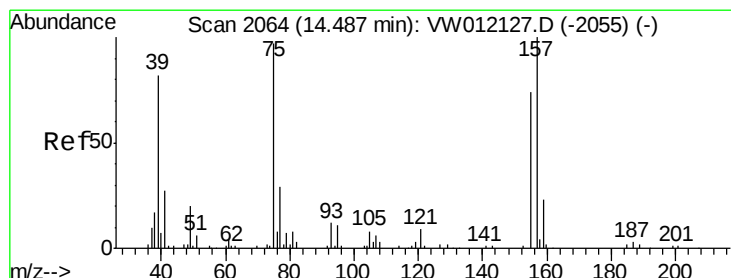
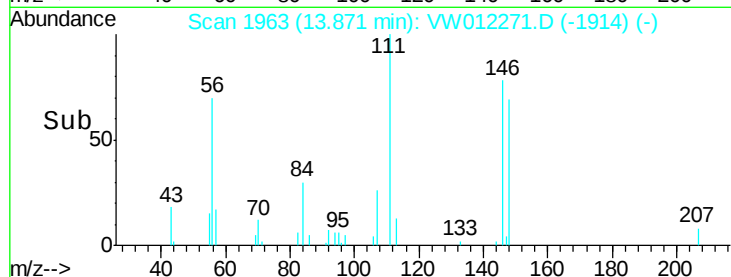
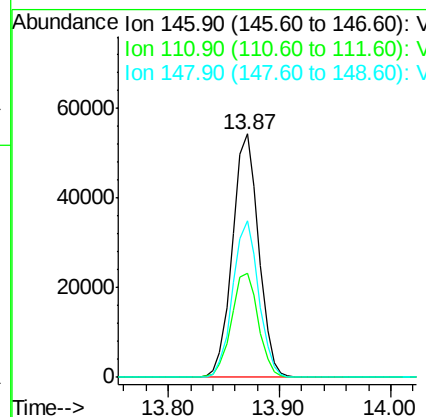
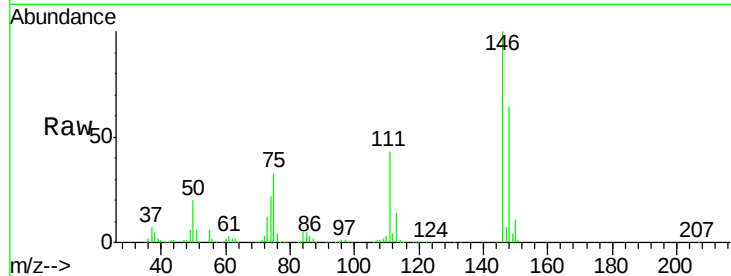
#91
 1,2-Dichlorobenzene
 Concen: 21.479 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.2	63.6
148	63.7	32.5	97.4

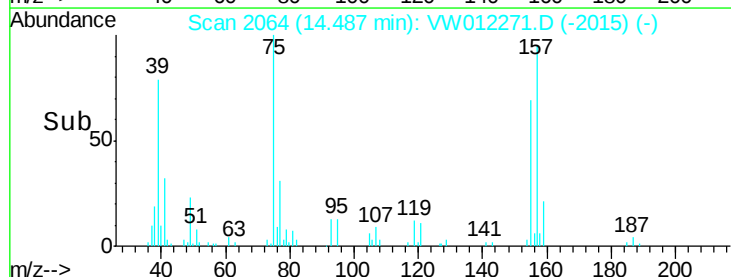
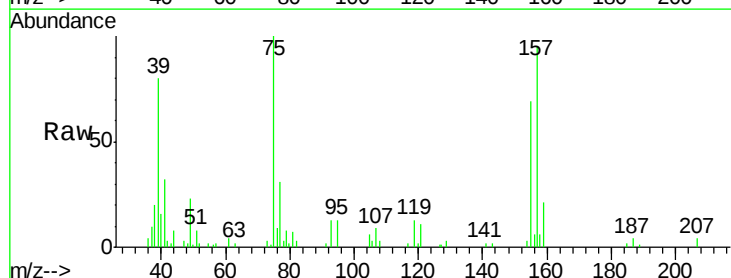
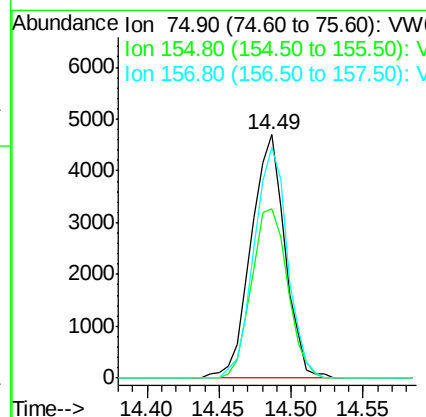
Manual Integrations
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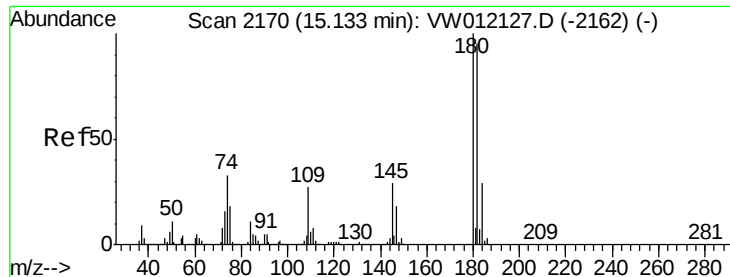
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.234 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	37.5	112.3
157	93.5	50.5	151.5





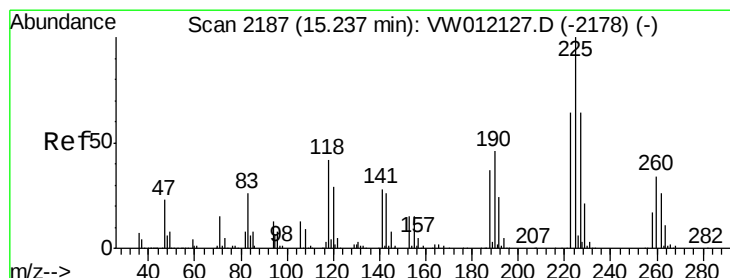
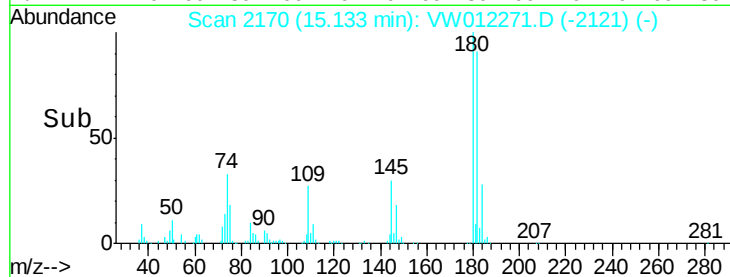
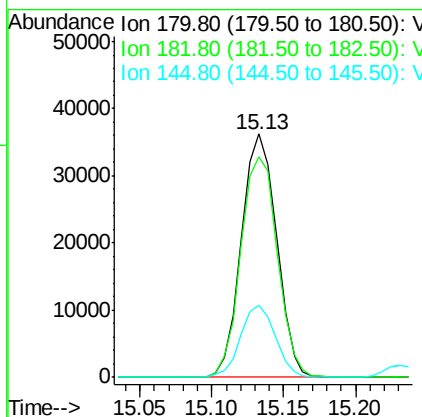
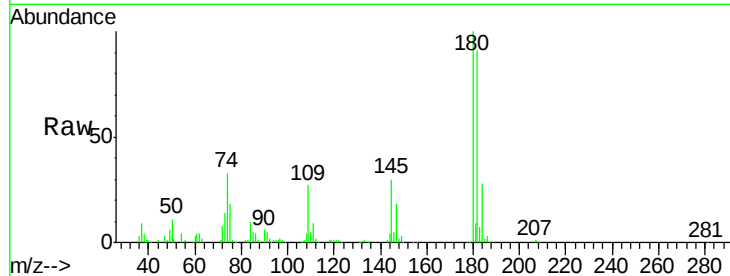
#93
 1,2,4-Trichlorobenzene
 Concen: 21.567 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61384		
182	94.4	47.8	143.4	
145	29.4	15.0	45.1	

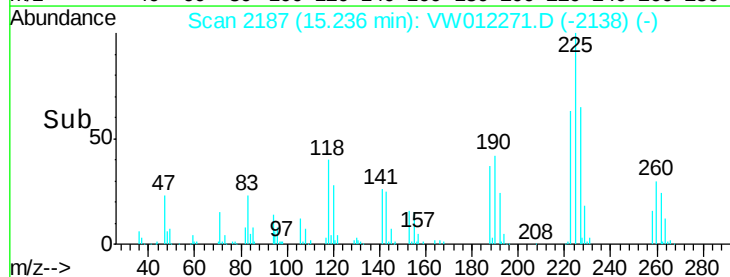
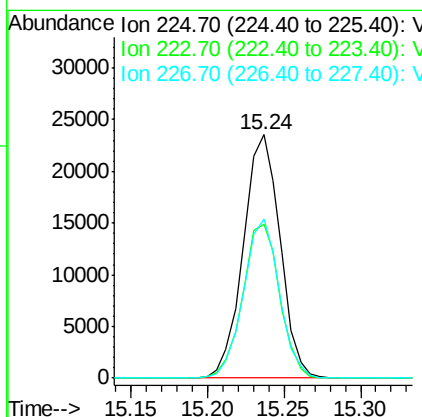
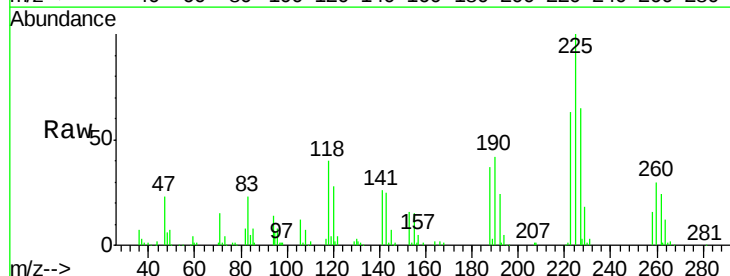
Manual Integrations
 APPROVED

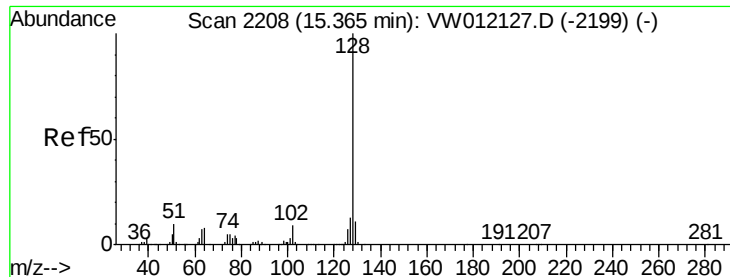
MMDadoda
 8/29/2019 9:41:29 AM



#94
 Hexachlorobutadiene
 Concen: 20.915 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012271.D
 Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39306		
223	63.7	32.3	96.8	
227	63.6	32.9	98.6	





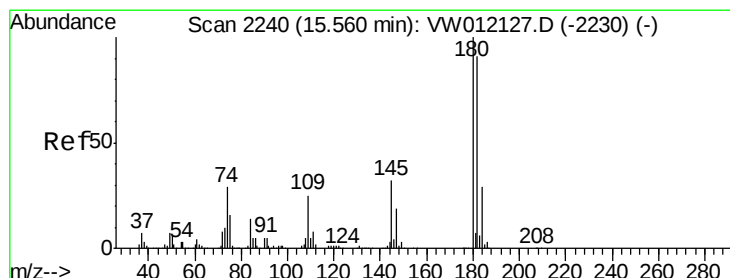
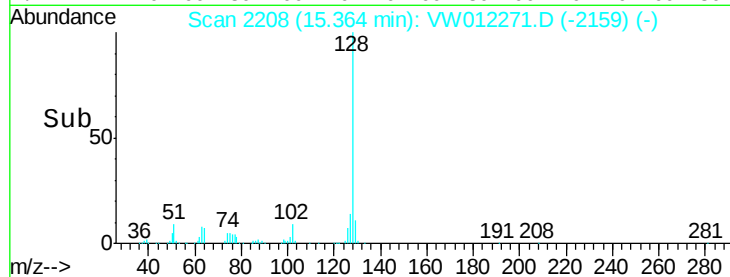
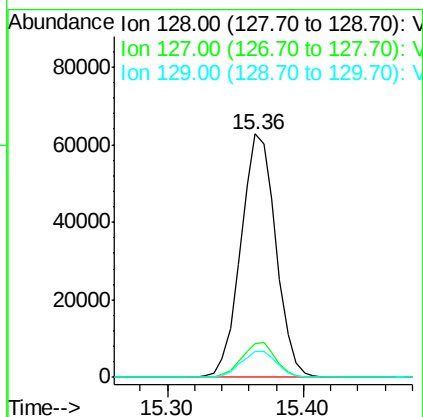
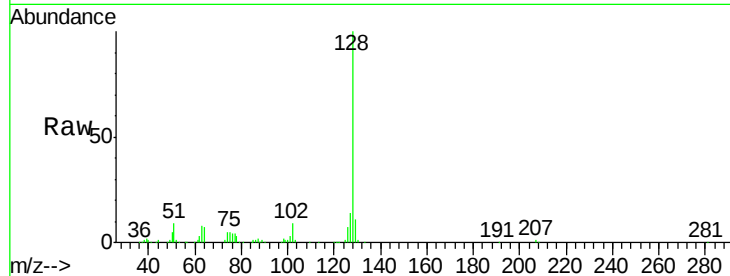
#95
Naphthalene
Concen: 22.786 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/29/2019 9:41:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.159 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012271.D
Acq: 29 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	31.6	16.2	48.5

