

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012745.D
 Acq On : 08 Sep 2019 04:06
 Operator : SY/VA
 Sample : VW0907SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Manual Integrations
 APPROVED

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 9/10/2019 1:03:22 PM

Quant Time: Sep 08 05:58:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135972	64.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.84%	
35) Dibromofluoromethane	7.88	113	100837	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.32	98	384446	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	143187	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18080	17.653	ug/l	99
3) Chloromethane	2.21	50	25550	20.527	ug/l	93
4) Vinyl Chloride	2.35	62	26881	17.614	ug/l	99
5) Bromomethane	2.78	94	18233	22.001	ug/l	97
6) Chloroethane	2.91	64	18183	19.966	ug/l	98
7) Trichlorofluoromethane	3.25	101	15651	14.861	ug/l	96
8) Diethyl Ether	3.68	74	21740	24.561	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31318	18.949	ug/l	99
10) Methyl Iodide	4.27	142	47173	22.673	ug/l	99
11) Tert butyl alcohol	5.20	59	17679	109.465	ug/l	95
12) 1,1-Dichloroethene	4.04	96	30374	19.469	ug/l	92
13) Acrolein	3.90	56	10893	63.559	ug/l	97
14) Allyl chloride	4.66	41	67237	20.833	ug/l	99
15) Acrylonitrile	5.37	53	58705	113.551	ug/l	97
16) Acetone	4.13	43	50625	87.973	ug/l	94
17) Carbon Disulfide	4.38	76	67178	20.285	ug/l	99
18) Methyl Acetate	4.67	43	37509	27.782	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	74372	24.037	ug/l	100
20) Methylene Chloride	4.92	84	42737	23.738	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	34809	21.866	ug/l	97
22) Diisopropyl ether	6.31	45	155954	24.364	ug/l	98
23) Vinyl Acetate	6.26	43	440442	108.573	ug/l	99
24) 1,1-Dichloroethane	6.21	63	79138	22.961	ug/l	98
25) 2-Butanone	7.18	43	78870	105.435	ug/l	95
26) 2,2-Dichloropropane	7.17	77	38915	17.877	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	43450	23.540	ug/l	96
28) Bromochloromethane	7.51	49	34744	21.954	ug/l	94
29) Tetrahydrofuran	7.53	42	52019	111.939	ug/l	100
30) Chloroform	7.67	83	82363	24.113	ug/l	99
31) Cyclohexane	7.95	56	58389	18.818	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	60089	21.702	ug/l	99
36) 1,1-Dichloropropene	8.08	75	51597	18.383	ug/l	100
37) Ethyl Acetate	7.25	43	37250	20.819	ug/l	99
38) Carbon Tetrachloride	8.07	117	52181	18.860	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50441	16.001	ug/l	97
40) Benzene	8.32	78	160441	20.603	ug/l	100
41) Methacrylonitrile	7.49	41	23720	21.844	ug/l	97
42) 1,2-Dichloroethane	8.40	62	61200	22.331	ug/l	98
43) Isopropyl Acetate	8.42	43	68863	20.315	ug/l	98
44) Trichloroethene	9.09	130	37900	18.881	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40175	18.601	ug/l	99
46) Dibromomethane	9.46	93	21963	21.474	ug/l	98
47) Bromodichloromethane	9.64	83	59736	21.229	ug/l	98
48) Methyl methacrylate	9.43	41	33869	20.908	ug/l	94
49) 1,4-Dioxane	9.47	88	7764	384.308	ug/l #	71
51) 4-Methyl-2-Pentanone	10.21	43	180133	101.271	ug/l	99
52) Toluene	10.39	92	89695	18.454	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55047	19.025	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	66410	20.233	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33407	21.818	ug/l	98
56) Ethyl methacrylate	10.65	69	45651	20.367	ug/l	99
57) 1,3-Dichloropropane	10.93	76	61569	21.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	116197	97.653	ug/l	99
59) 2-Hexanone	10.97	43	122531	94.291	ug/l	98
60) Dibromochloromethane	11.13	129	39956	22.188	ug/l	97
61) 1,2-Dibromoethane	11.23	107	30764	21.915	ug/l	99
64) Tetrachloroethene	10.86	164	36465	20.892	ug/l	96
65) Chlorobenzene	11.65	112	108261	19.913	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	41306	20.402	ug/l	99
67) Ethyl Benzene	11.73	91	194657	19.083	ug/l	95
68) m/p-Xylenes	11.83	106	141399	38.404	ug/l	99
69) o-Xylene	12.16	106	69275	19.943	ug/l	98
70) Styrene	12.18	104	124061	20.212	ug/l	100
71) Bromoform	12.35	173	22743	20.218	ug/l #	98
73) Isopropylbenzene	12.46	105	188703	18.094	ug/l	100
74) N-amyl acetate	12.27	43	56622	17.105	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	36600	17.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26710m	17.964	ug/l	
77) Bromobenzene	12.74	156	45142	19.105	ug/l	96
78) n-propylbenzene	12.80	91	217012	17.398	ug/l	99
79) 2-Chlorotoluene	12.89	91	135181	18.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	162500	18.491	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	11497	16.355	ug/l	93
82) 4-Chlorotoluene	12.99	91	142939	18.872	ug/l	100
83) tert-Butylbenzene	13.21	119	131917	16.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	163909	18.510	ug/l	99
85) sec-Butylbenzene	13.38	105	191852	17.793	ug/l	99
86) p-Isopropyltoluene	13.50	119	167853	17.043	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	86168	18.554	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	87919	19.025	ug/l	99
89) n-Butylbenzene	13.82	91	158379	16.564	ug/l	99
90) Hexachloroethane	14.09	117	31654	18.410	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	83034	19.864	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7111	18.552	ug/l	91

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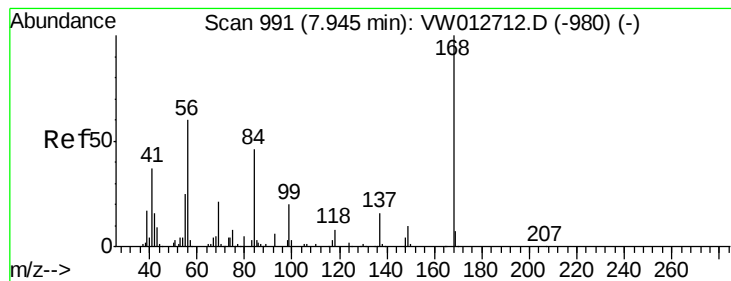
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55913	19.212	ug/l	98
94) Hexachlorobutadiene	15.24	225	33163	16.463	ug/l	98
95) Naphthalene	15.36	128	101656	19.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51317	19.976	ug/l	98

(#) = 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: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion:168 Resp: 188920

Ion Ratio Lower Upper

168 100

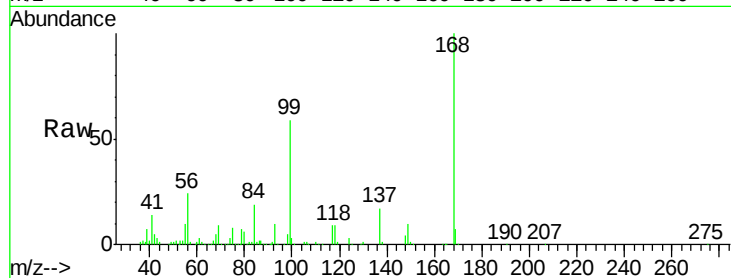
99 59.4 47.8 71.6

Manual Integrations

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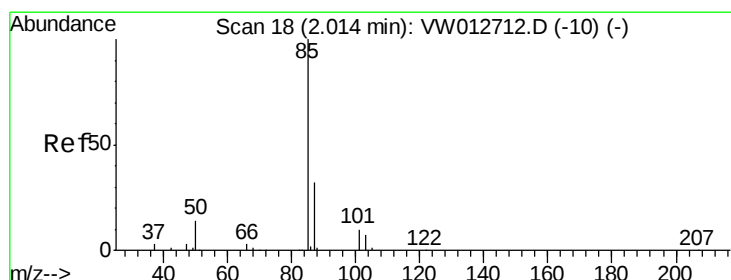
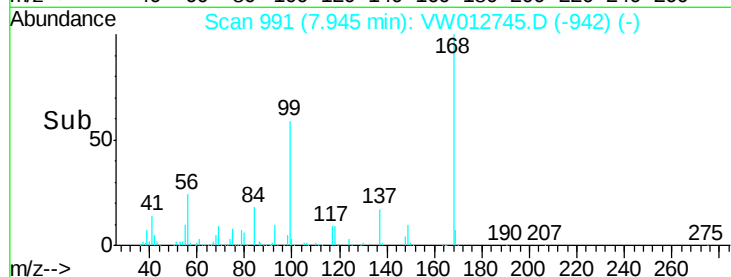
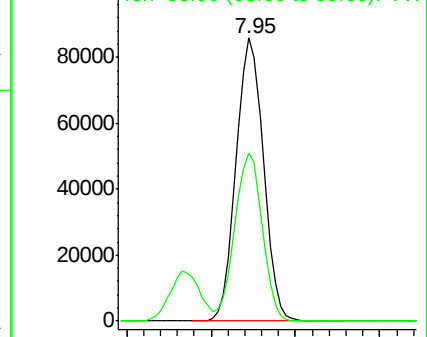
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.653 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012745.D

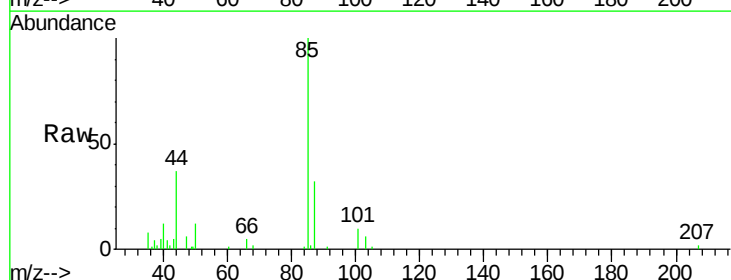
Acq: 08 Sep 2019 04:06

Tgt Ion: 85 Resp: 18080

Ion Ratio Lower Upper

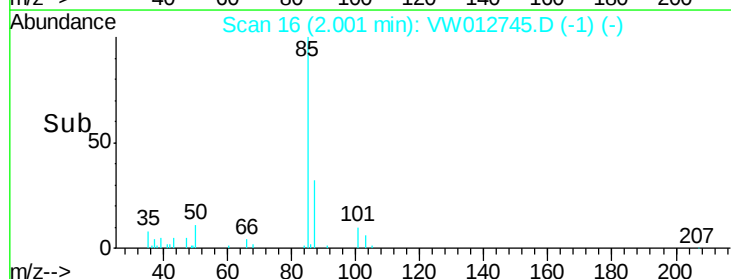
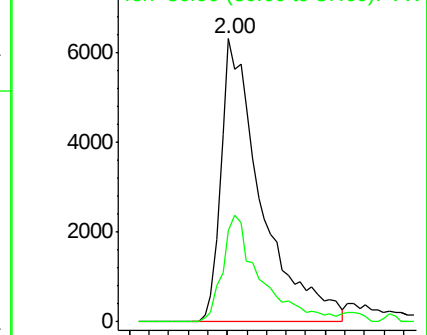
85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.527 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 50 Resp: 25550

Ion Ratio Lower Upper

50 100

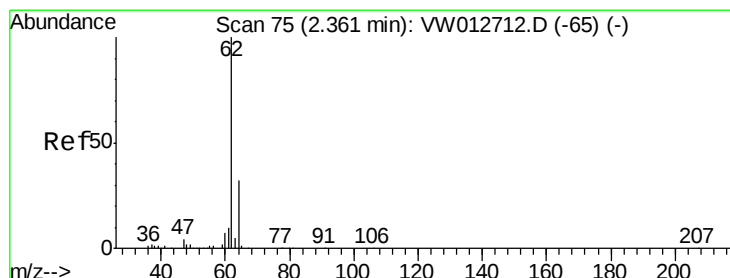
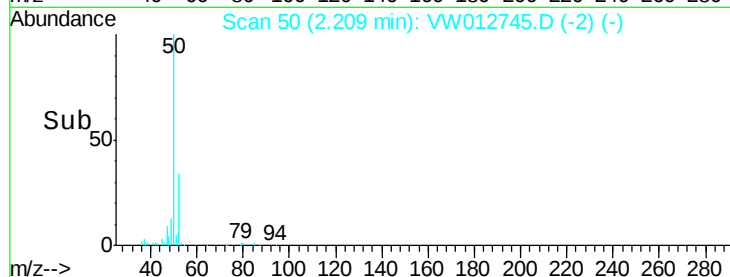
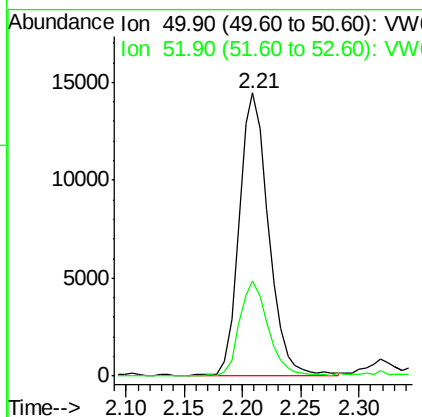
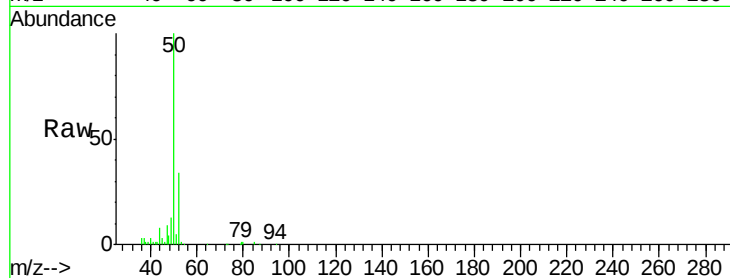
52 33.8 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.614 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012745.D

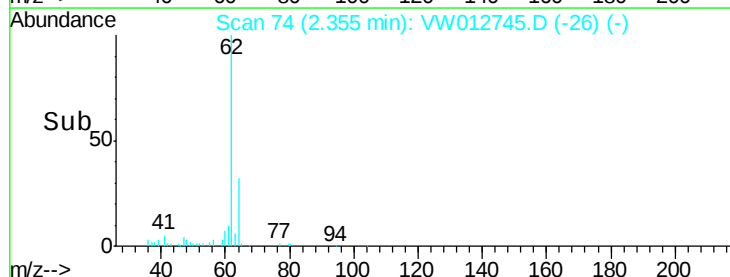
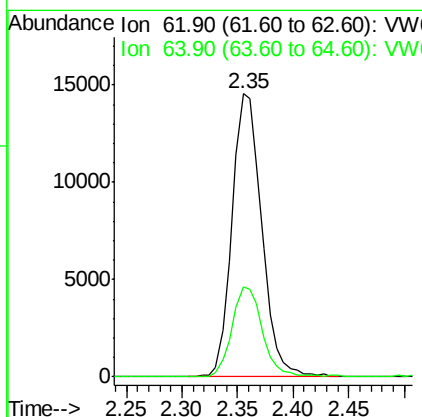
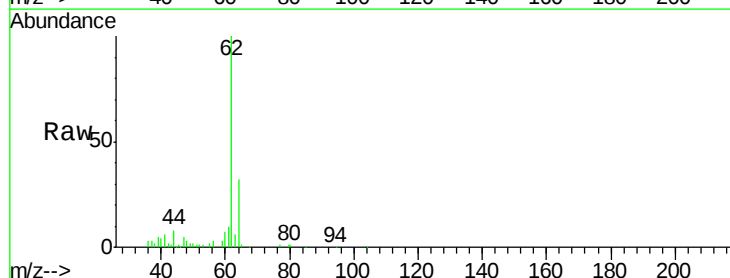
Acq: 08 Sep 2019 04:06

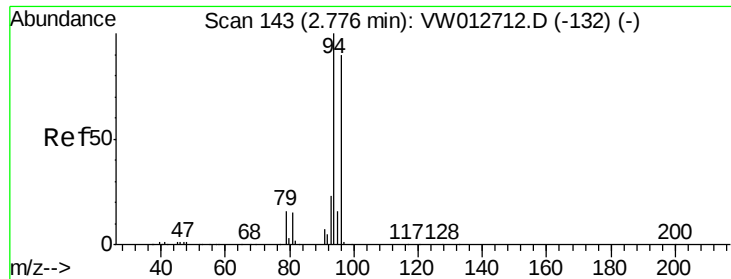
Tgt Ion: 62 Resp: 26881

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 22.001 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 94 Resp: 18233

Ion Ratio Lower Upper

94 100

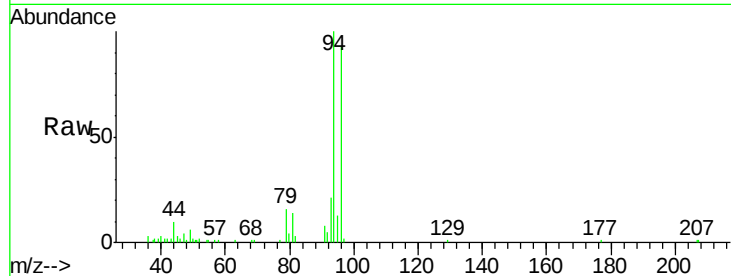
96 92.9 72.1 108.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

10000

8000

6000

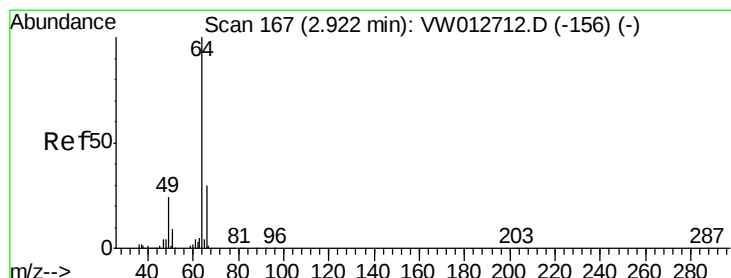
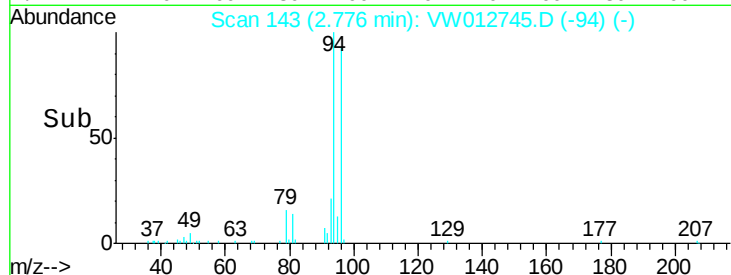
4000

2000

0

Time-->

2.70 2.75 2.80 2.85 2.90



#6

Chloroethane

Concen: 19.966 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012745.D

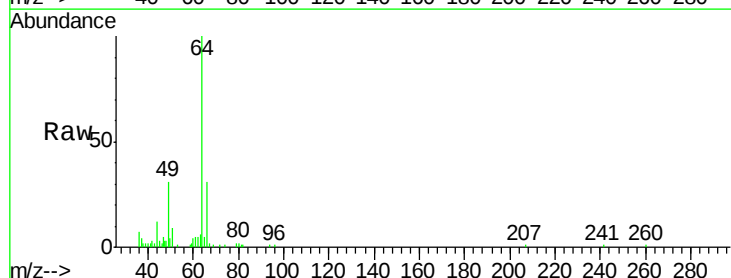
Acq: 08 Sep 2019 04:06

Tgt Ion: 64 Resp: 18183

Ion Ratio Lower Upper

64 100

66 30.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

8000

6000

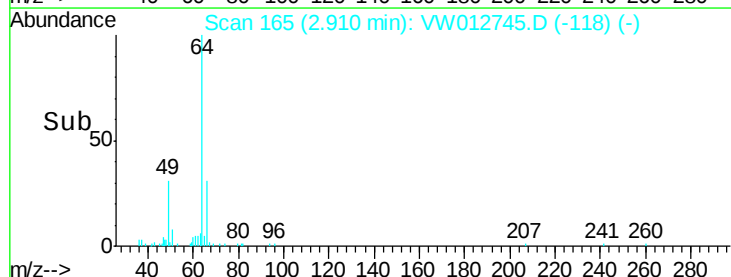
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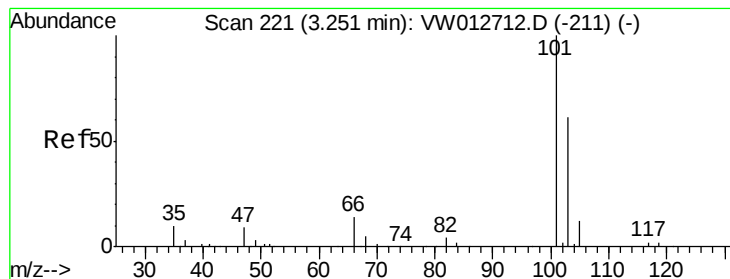
2000

0

Time-->

2.80 2.90 3.00 3.10





#7

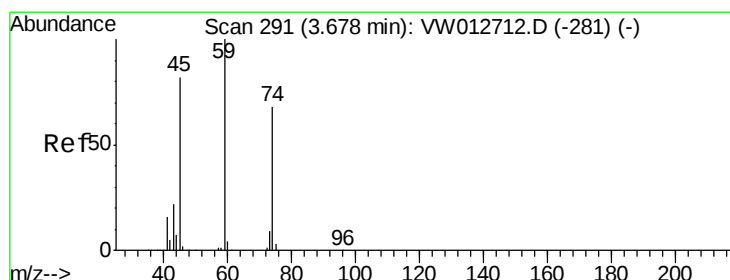
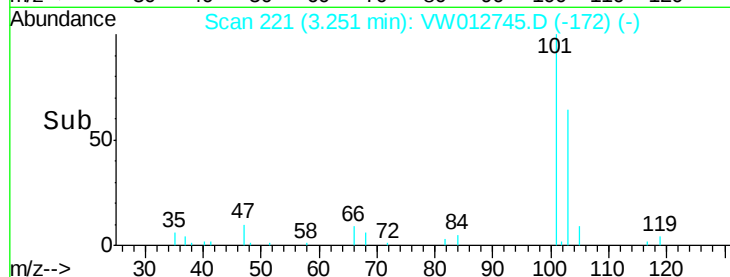
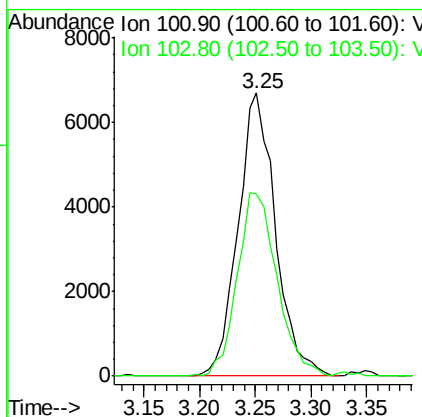
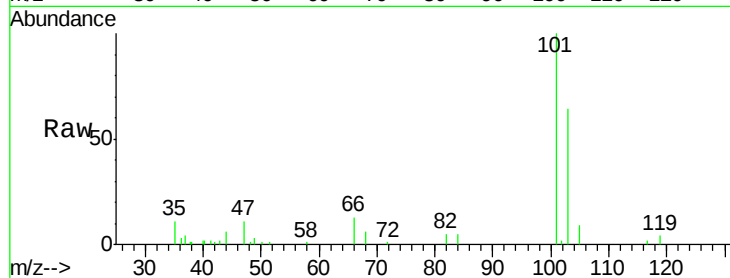
Trichlorofluoromethane
Concen: 14.861 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

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VW0907SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	15651		
103	64.3	49.0	73.4	

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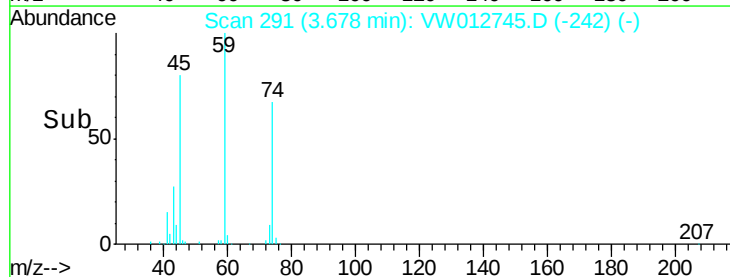
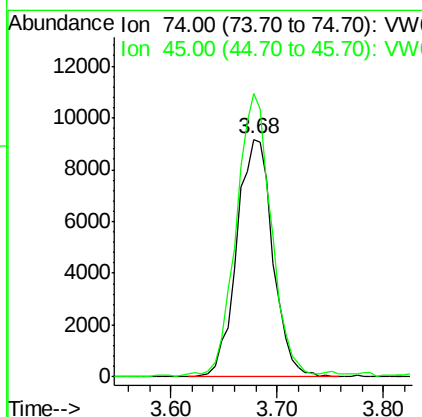
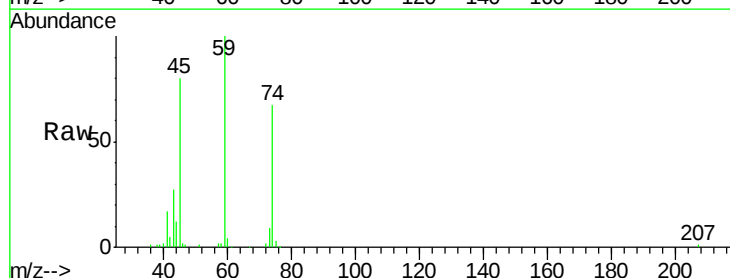
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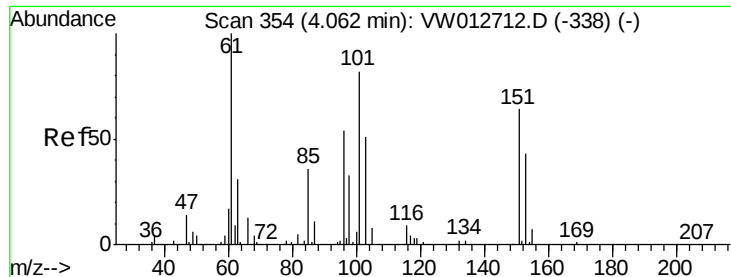


#8

Diethyl Ether
Concen: 24.561 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	21740		
45	117.1	58.8	176.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.949 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

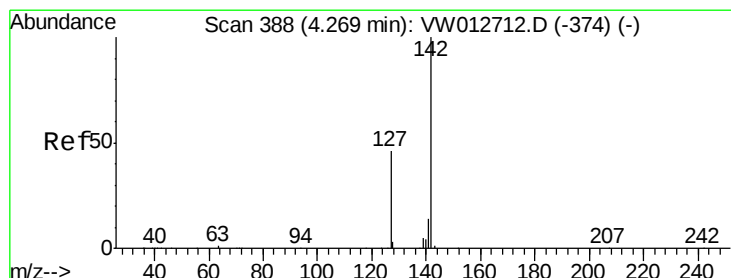
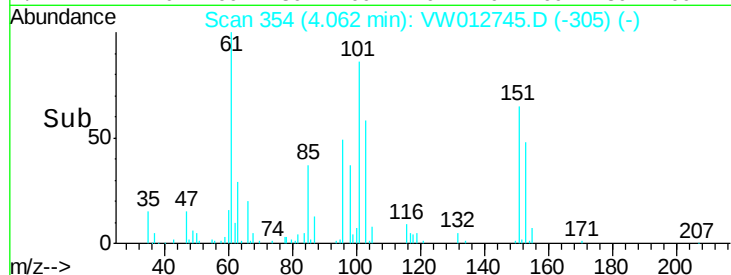
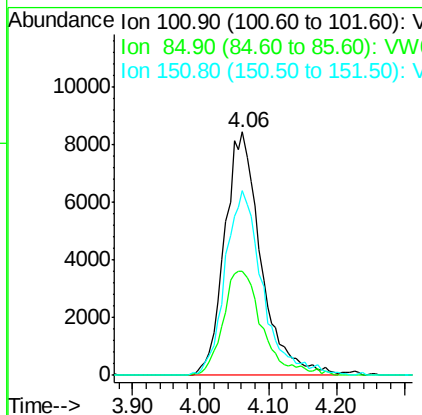
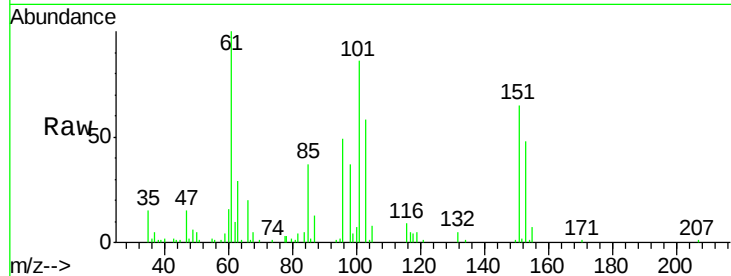
ClientSampleId :

VW0907SBS02

Tot Ion:	101	Resp:	31318
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.2	54.2
151	78.2	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 22.673 ug/l

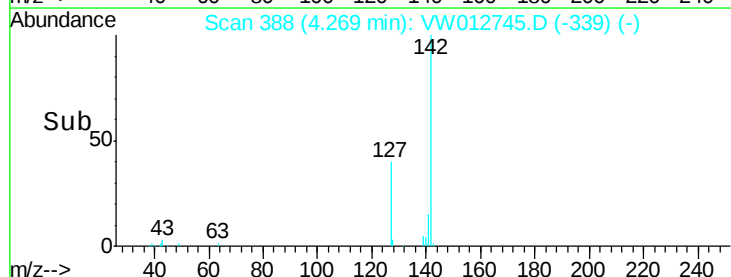
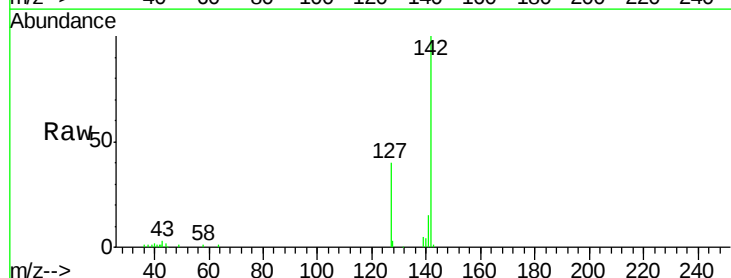
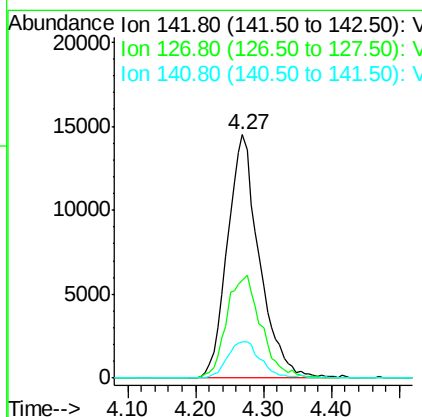
RT: 4.27 min Scan# 388

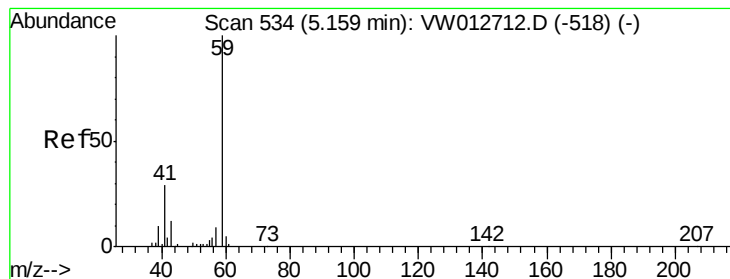
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	142	Resp:	47173
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.0	54.0
141	15.5	12.2	18.4





#11

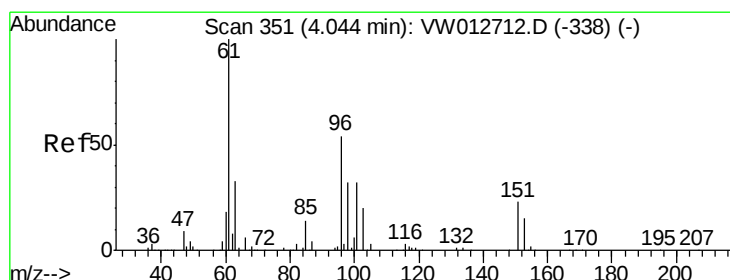
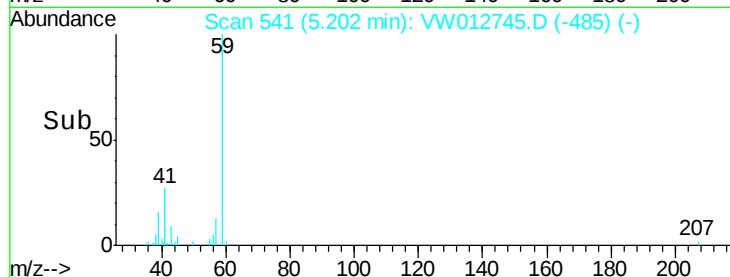
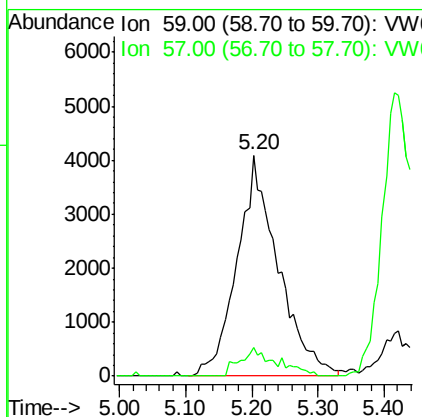
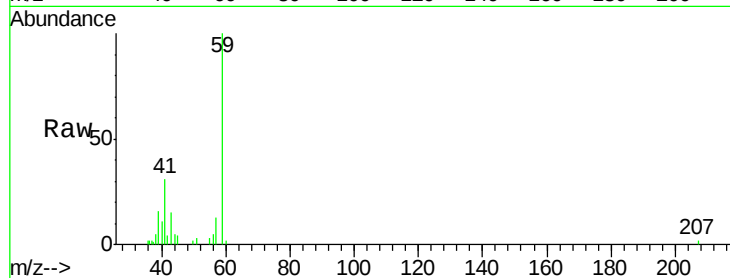
Tert butyl alcohol
Concen: 109.465 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.04 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.2	12.4

Manual Integrations
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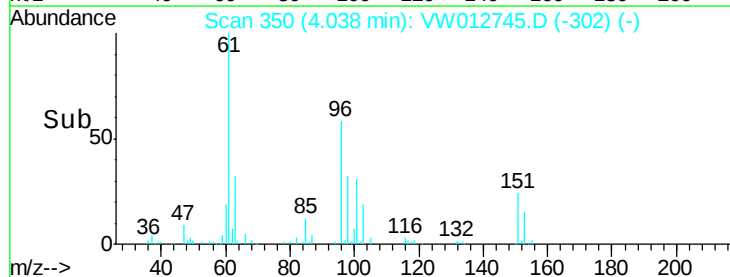
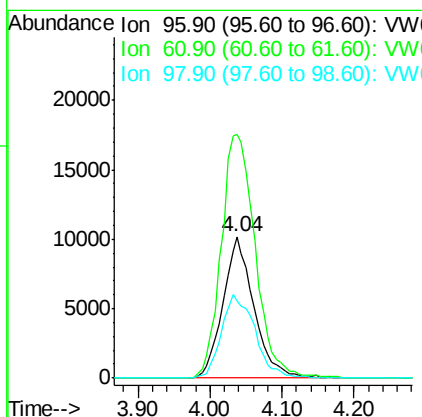
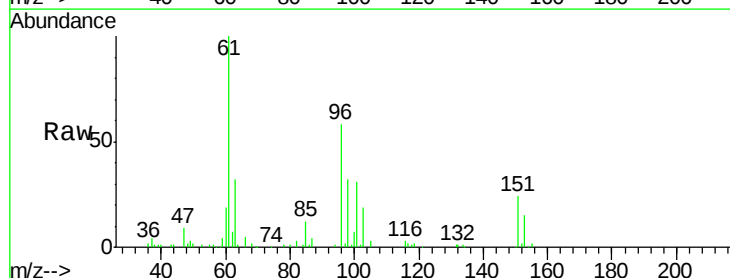
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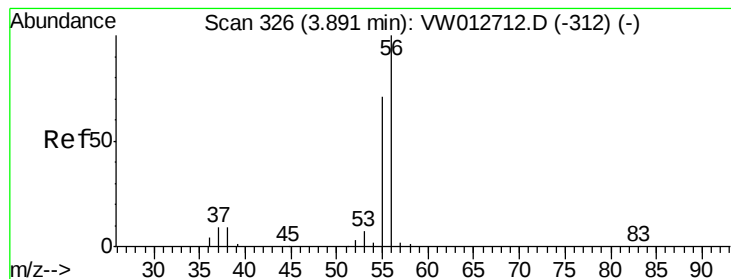


#12

1,1-Dichloroethene
Concen: 19.469 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.4	147.8	221.6
98	54.9	47.9	71.9





#13

Acrolein

Concen: 63.559 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 56 Resp: 10893

Ion Ratio Lower Upper

56 100

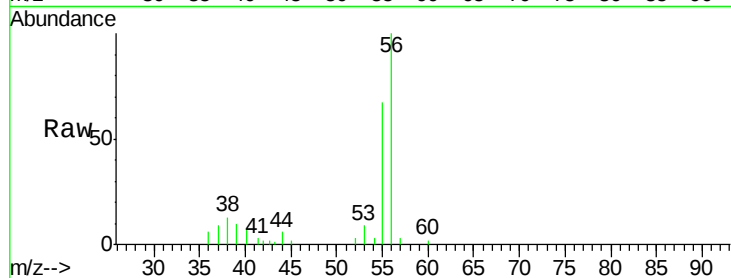
55 73.6 56.9 85.3

Manual Integrations

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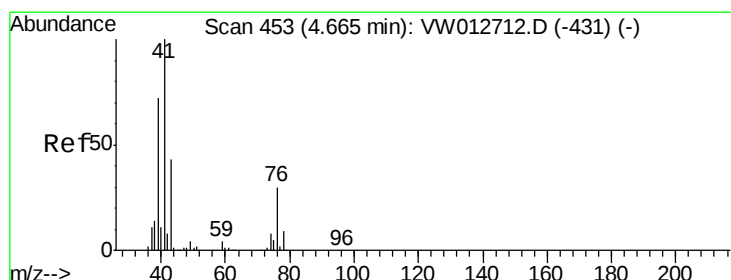
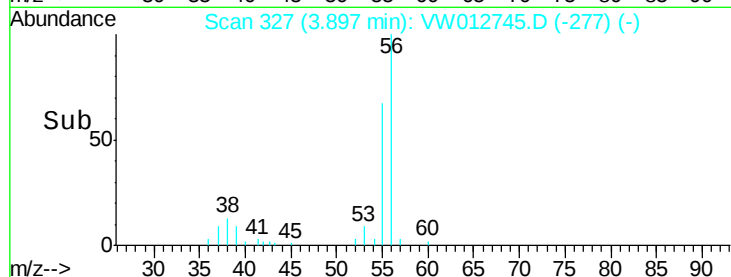
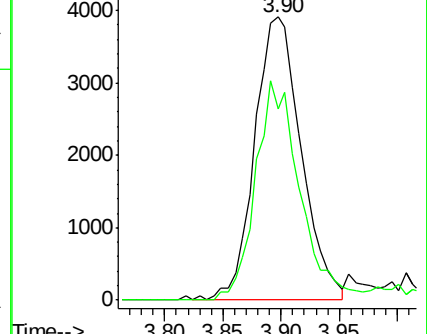
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.833 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

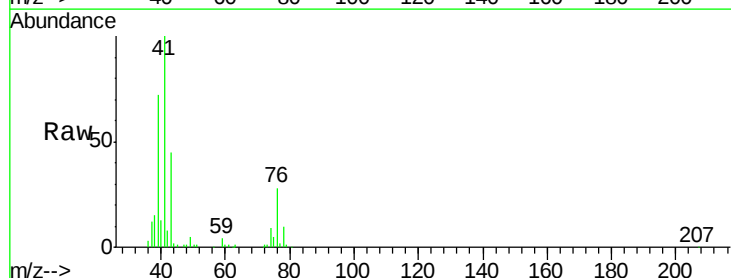
Tgt Ion: 41 Resp: 67237

Ion Ratio Lower Upper

41 100

39 69.5 55.0 82.6

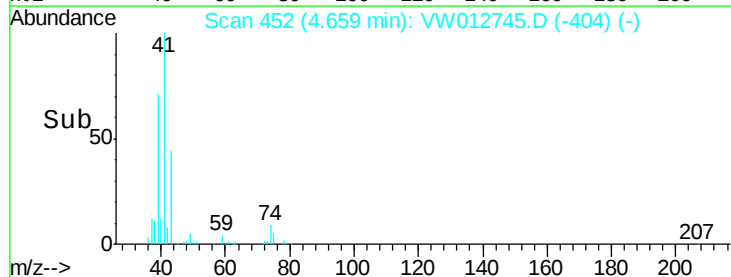
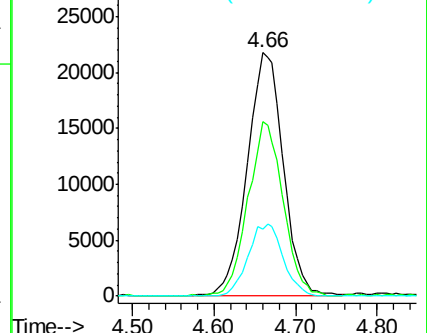
76 28.5 23.0 34.4

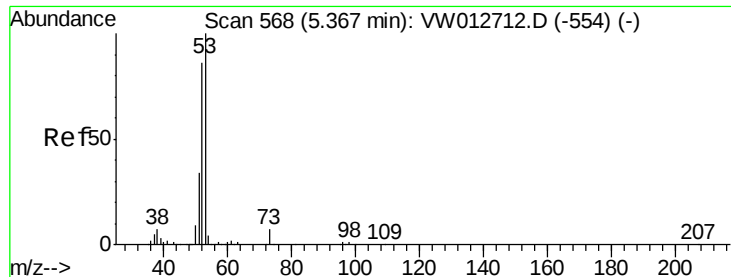


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 113.551 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

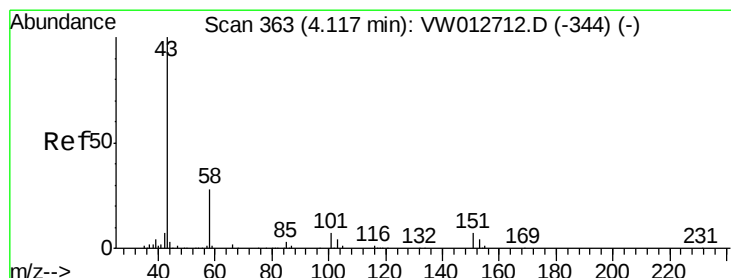
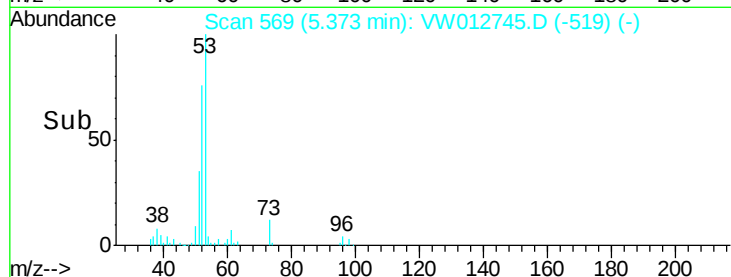
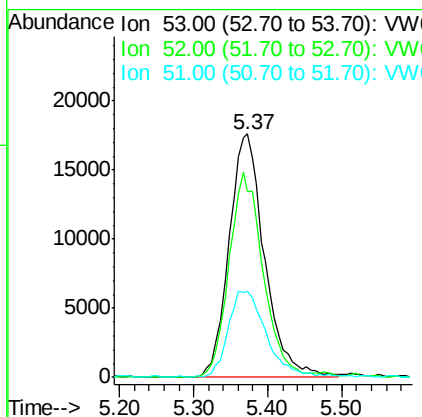
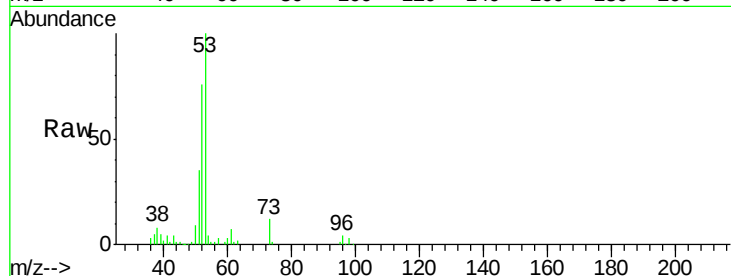
ClientSampleId :

VW0907SBS02

Tot Ion:	53	Resp:	58705
Ion	Ratio	Lower	Upper
53	100		
52	80.5	67.0	100.4
51	38.1	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 87.973 ug/l

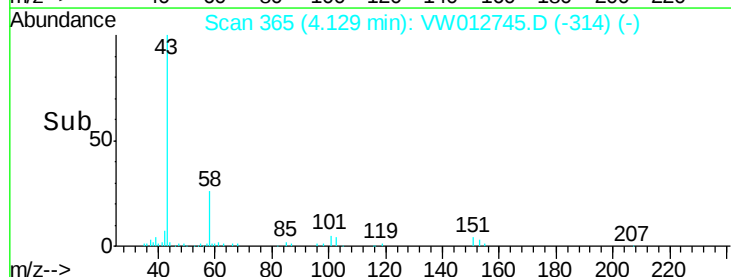
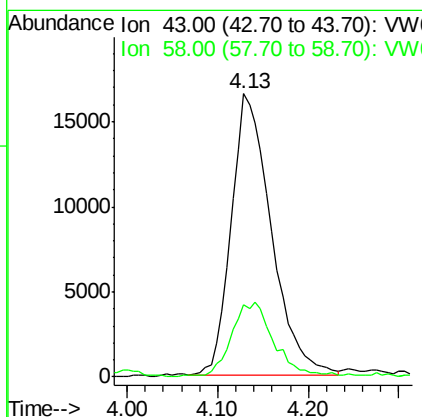
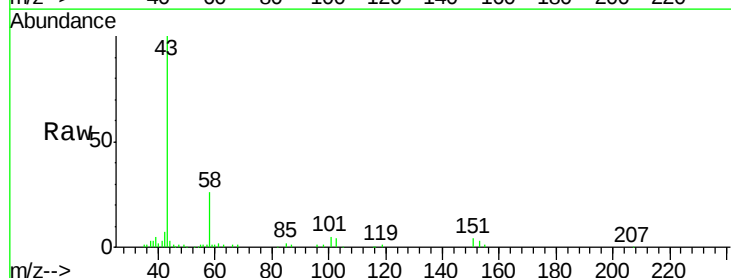
RT: 4.13 min Scan# 365

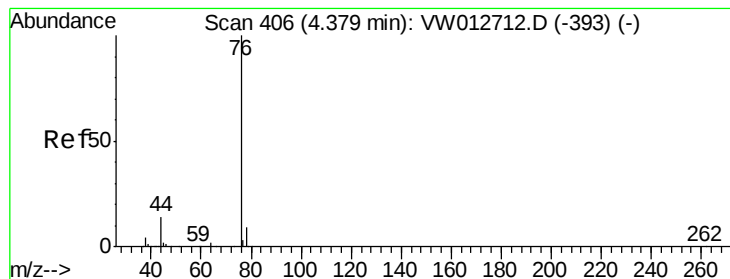
Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	43	Resp:	50625
Ion	Ratio	Lower	Upper
43	100		
58	25.1	22.6	33.8





#17

Carbon Disulfide

Concen: 20.285 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 76 Resp: 67178

Ion Ratio Lower Upper

76 100

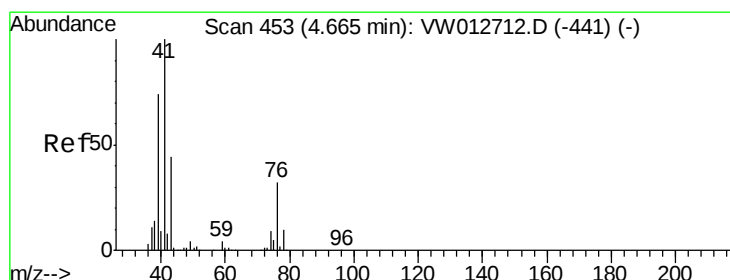
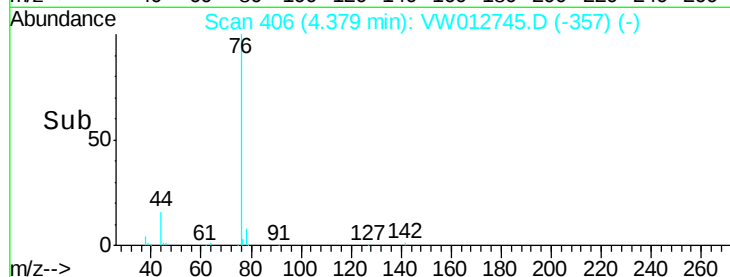
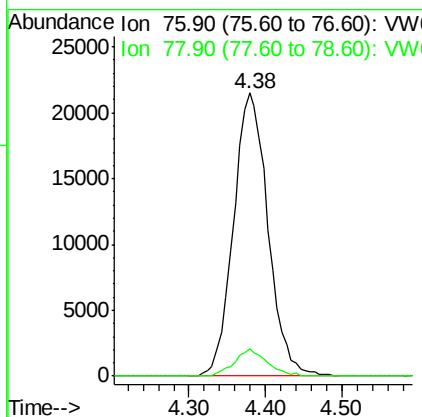
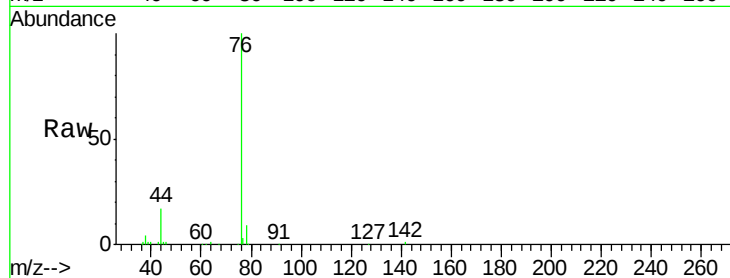
78 9.5 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 27.782 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012745.D

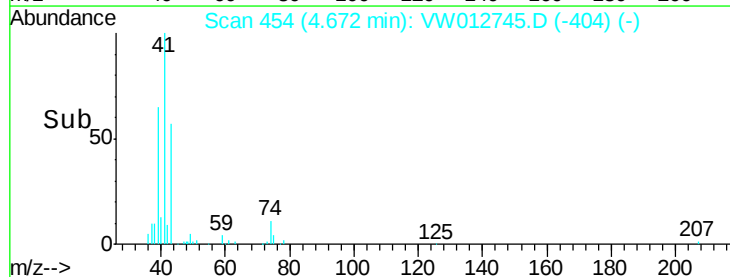
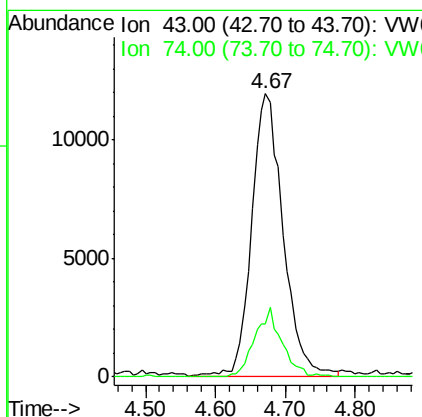
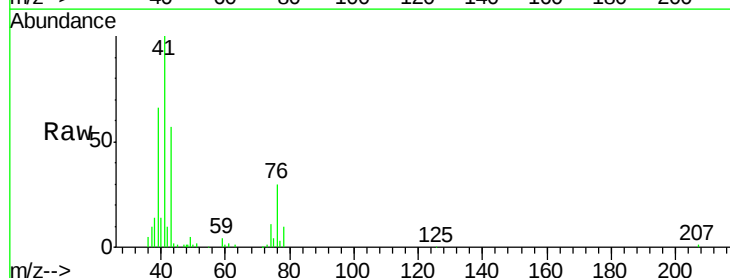
Acq: 08 Sep 2019 04:06

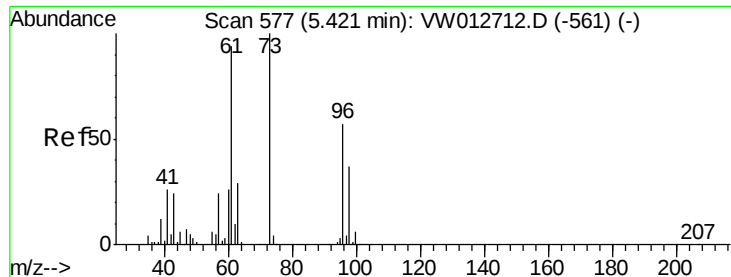
Tgt Ion: 43 Resp: 37509

Ion Ratio Lower Upper

43 100

74 20.8 15.8 23.6





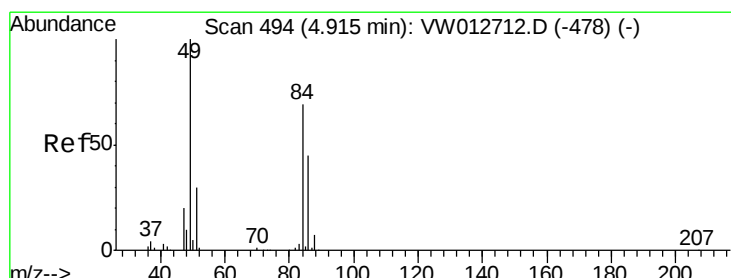
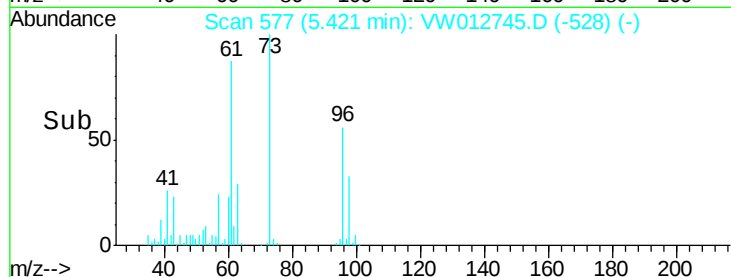
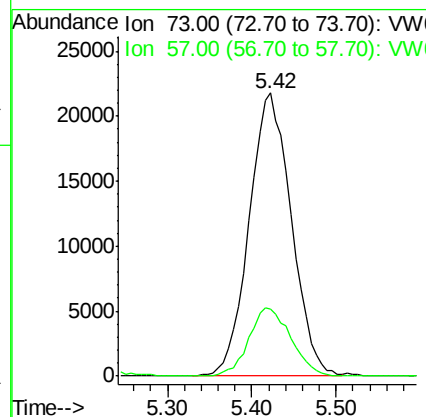
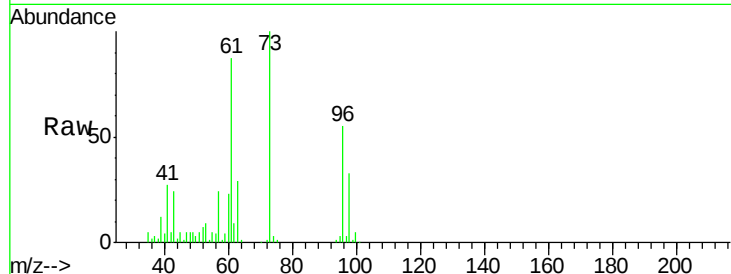
#19
Methyl tert-butyl Ether
Concen: 24.037 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion: 73 Resp: 74372
Ion Ratio Lower Upper
73 100
57 23.9 19.2 28.8

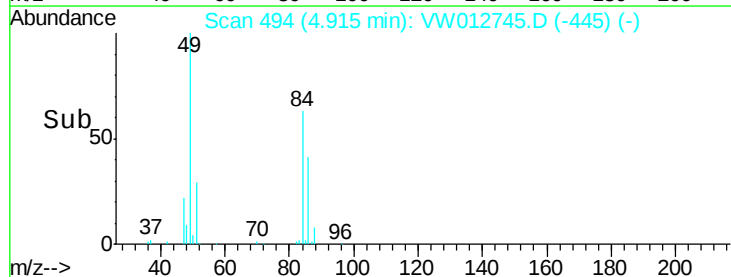
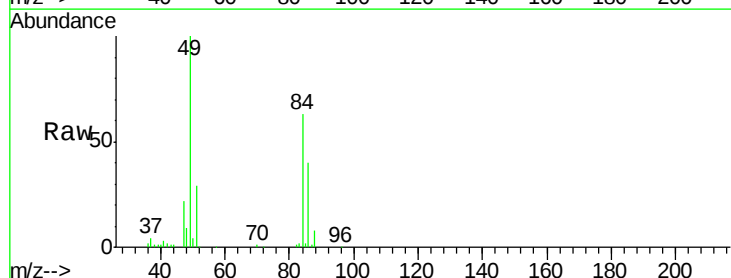
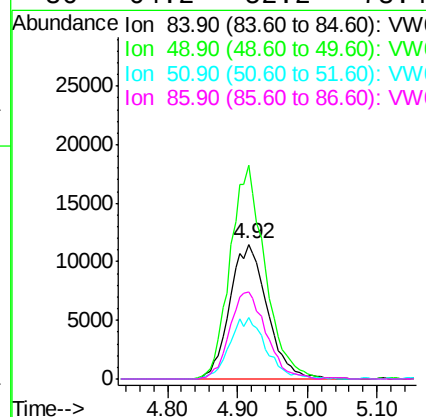
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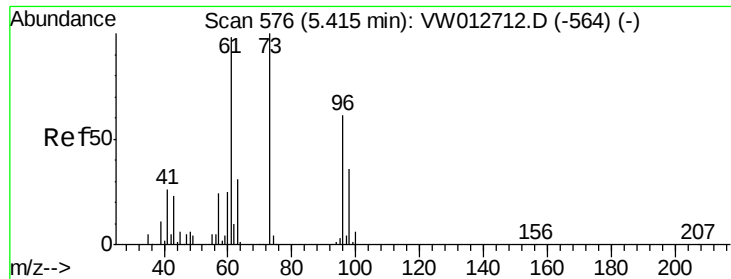
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#20
Methylene Chloride
Concen: 23.738 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 84 Resp: 42737
Ion Ratio Lower Upper
84 100
49 158.6 115.4 173.0
51 45.6 34.9 52.3
86 64.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.866 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

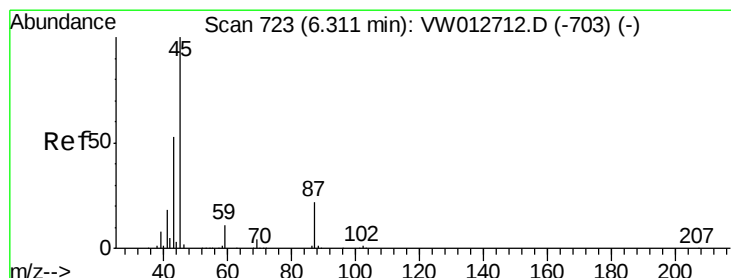
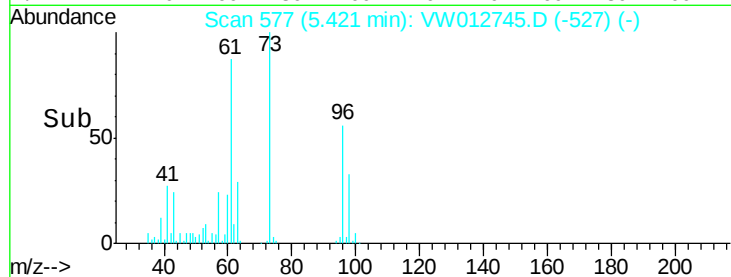
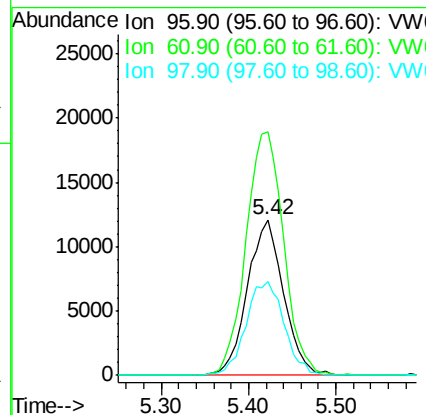
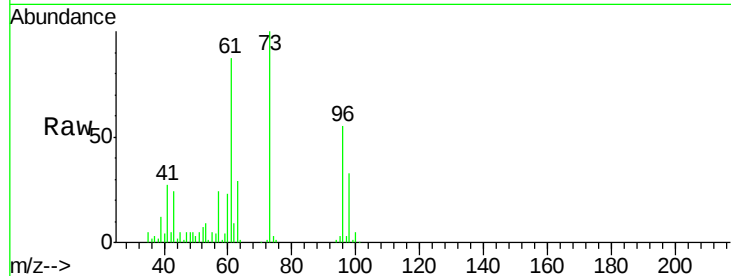
ClientSampleId :

VW0907SBS02

Tot Ion:	96	Resp:	34809
Ion	Ratio	Lower	Upper
96	100		
61	156.8	129.2	193.8
98	60.2	48.0	72.0

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#22

Diisopropyl ether

Concen: 24.364 ug/l

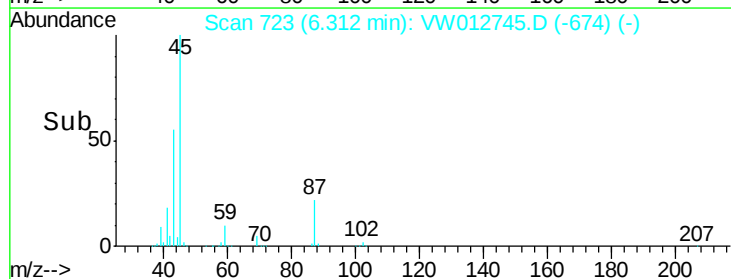
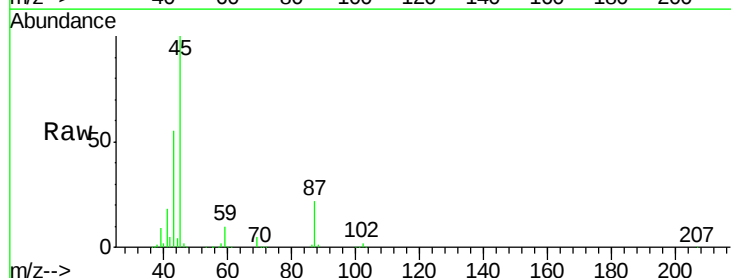
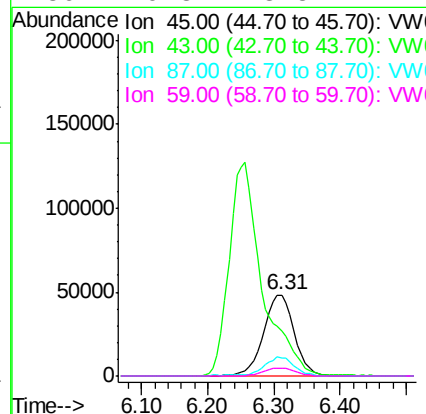
RT: 6.31 min Scan# 723

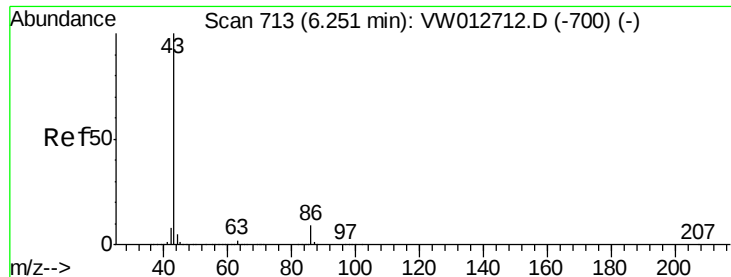
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	45	Resp:	155954
Ion	Ratio	Lower	Upper
45	100		
43	54.6	42.3	63.5
87	22.0	18.2	27.2
59	9.8	8.5	12.7





#23

Vinyl Acetate

Concen: 108.573 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 43 Resp: 440442

Ion Ratio Lower Upper

43 100

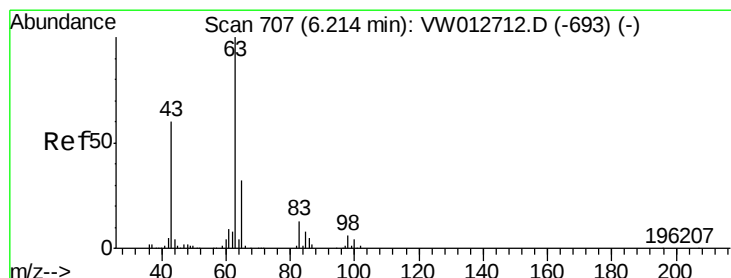
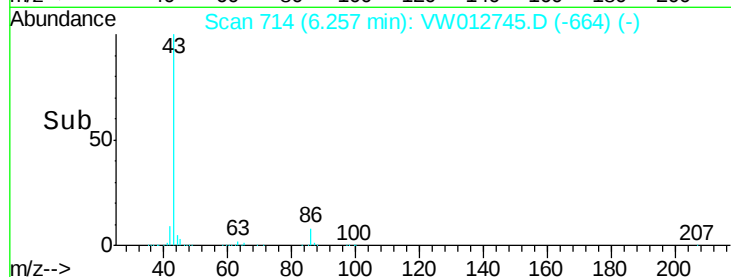
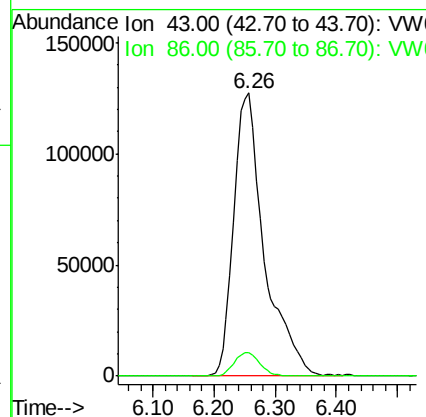
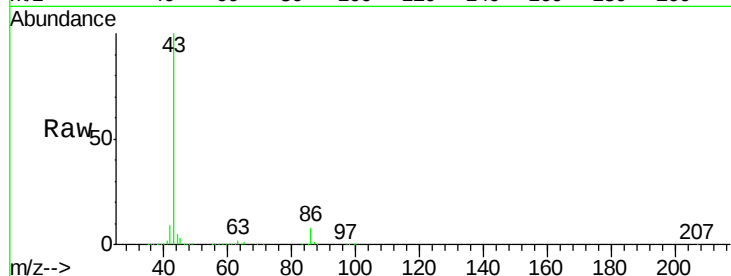
86 8.4 7.0 10.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.961 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

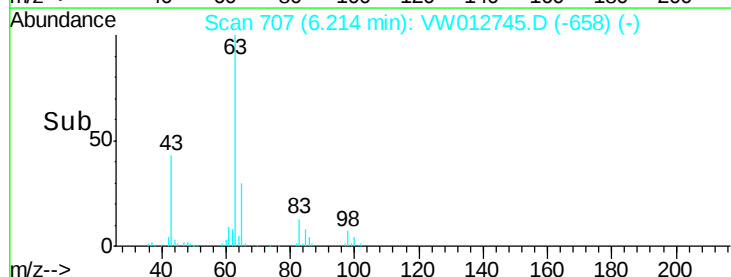
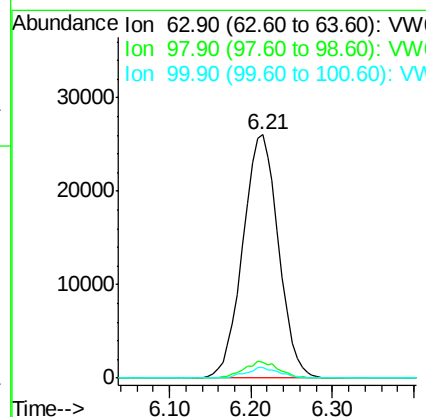
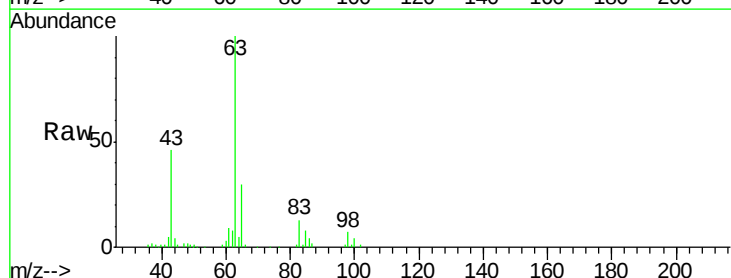
Tgt Ion: 63 Resp: 79138

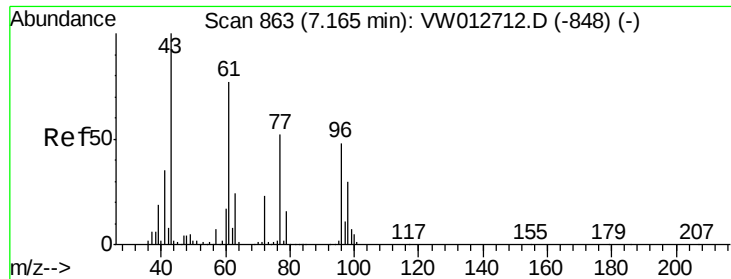
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 105.435 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 43 Resp: 78870

Ion Ratio Lower Upper

43 100

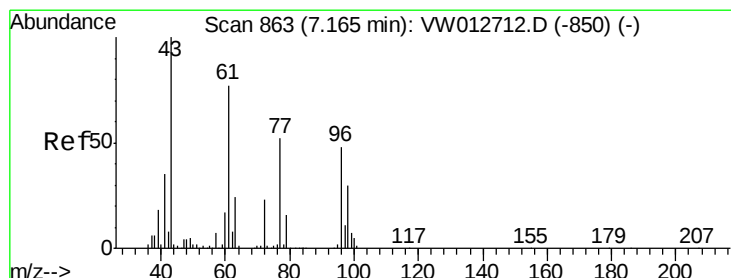
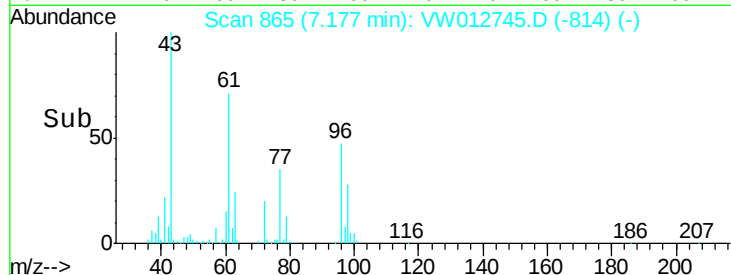
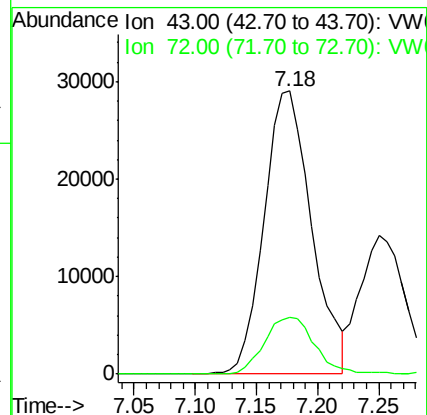
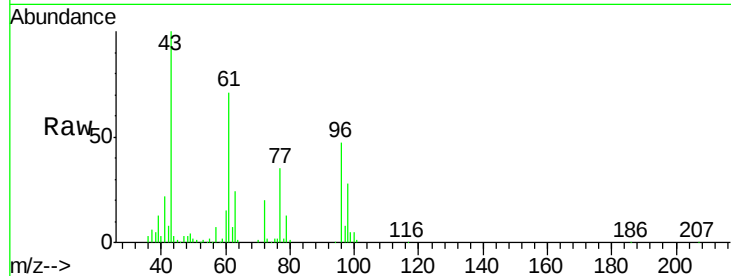
72 20.1 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.877 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012745.D

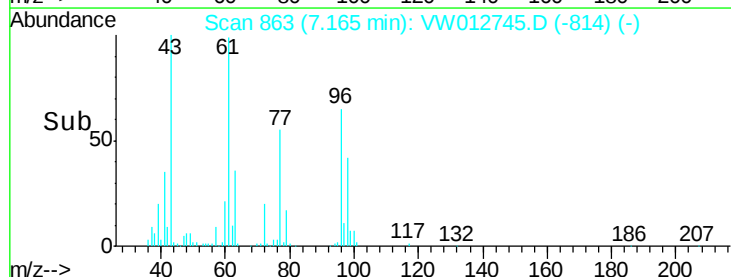
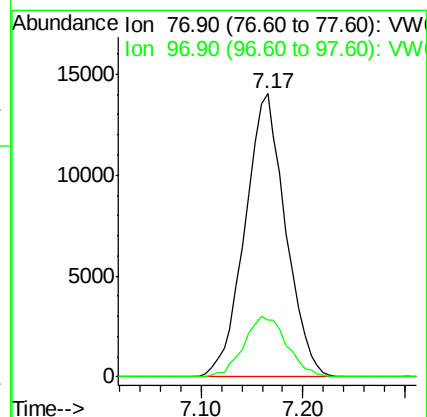
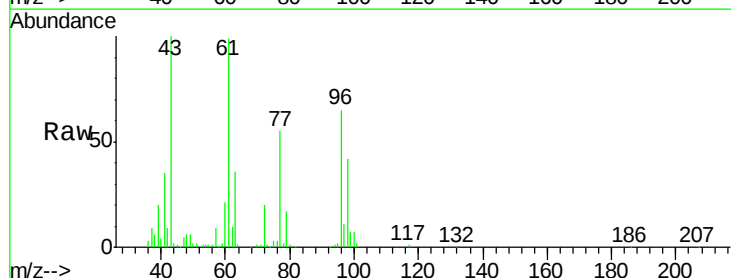
Acq: 08 Sep 2019 04:06

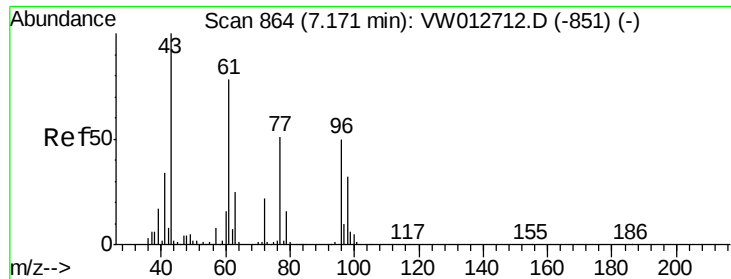
Tgt Ion: 77 Resp: 38915

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1





#27

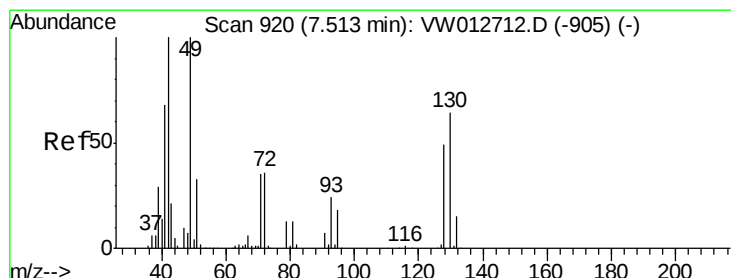
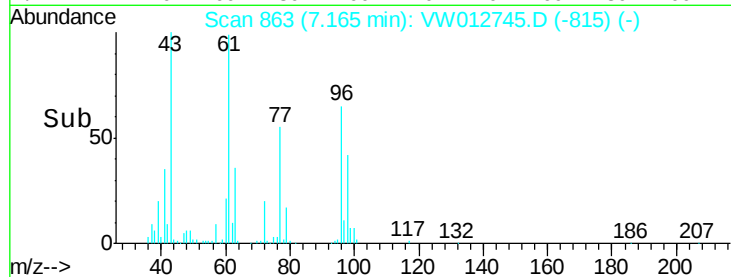
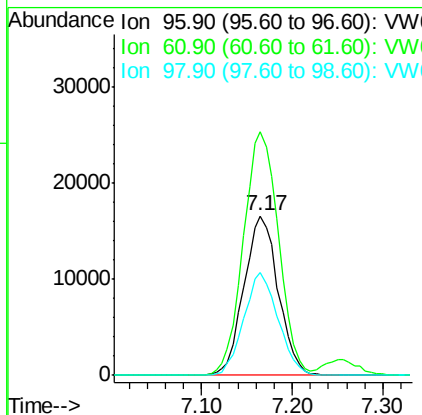
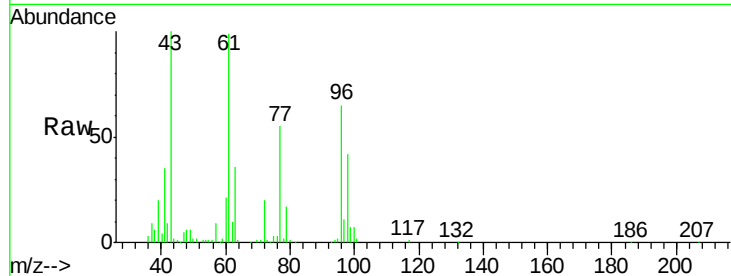
cis-1,2-Dichloroethene
 Concen: 23.540 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	325.8
98	64.5	0.0	127.0

Manual Integrations
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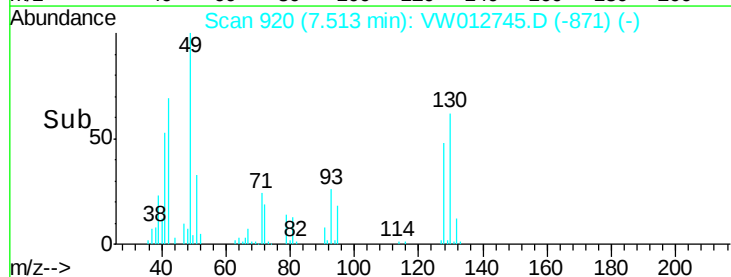
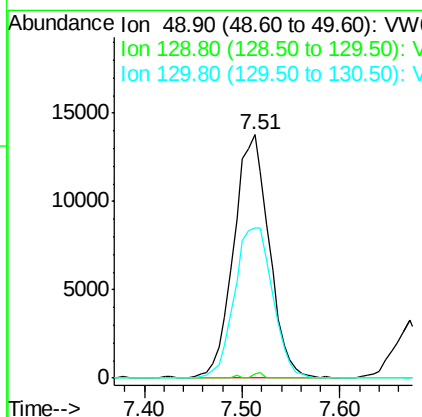
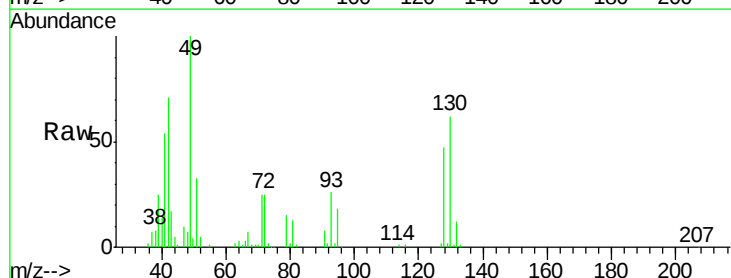
MMDadoda
 9/10/2019 1:03:22 PM



#28

Bromochloromethane
 Concen: 21.954 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	0.8
130	66.6	49.8	74.8





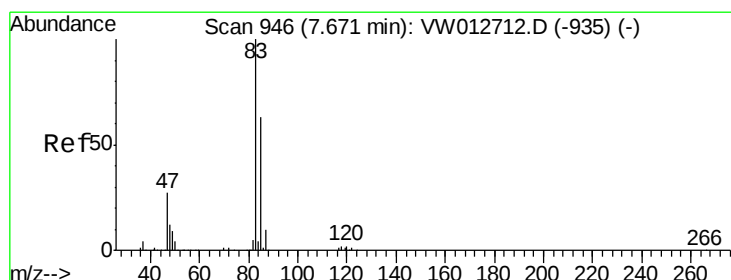
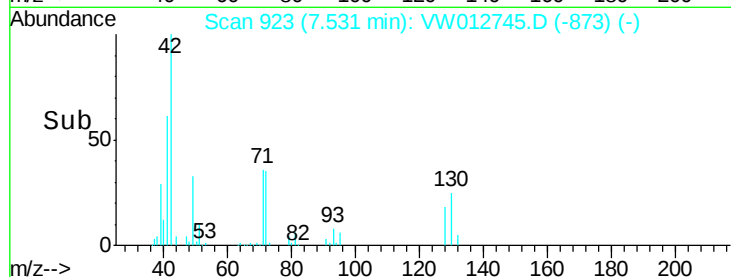
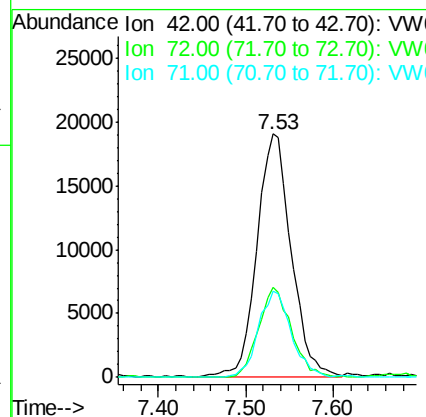
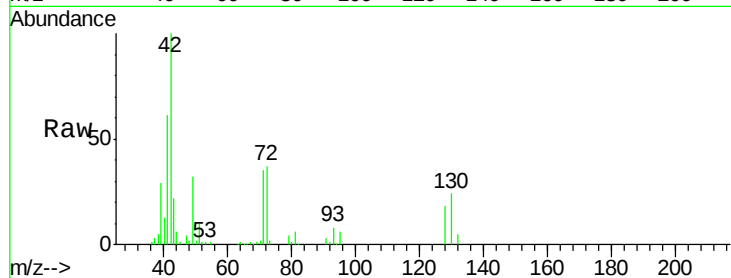
#29
Tetrahydrofuran
Concen: 111.939 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.3	28.4	42.6
71	34.0	27.1	40.7

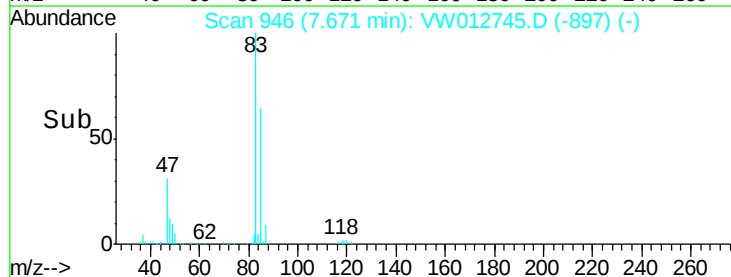
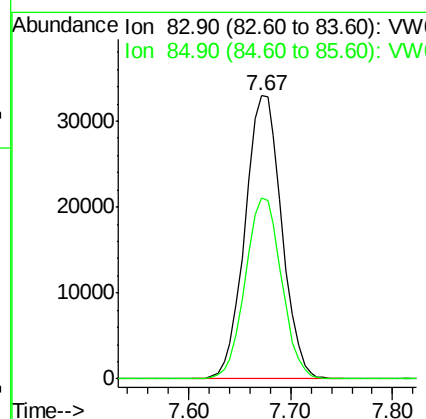
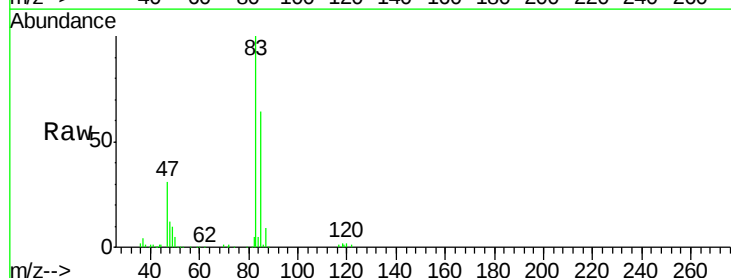
Manual Integrations
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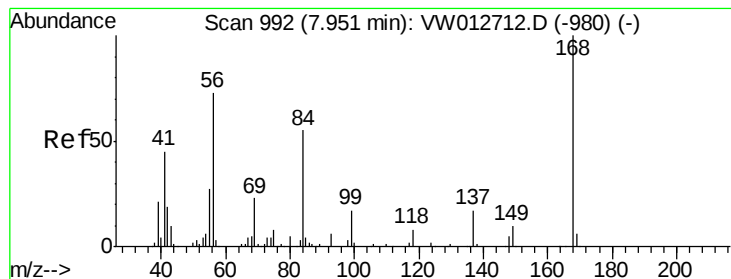
MMDadoda
9/10/2019 1:03:22 PM



#30
Chloroform
Concen: 24.113 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	76.0





#31

Cyclohexane

Concen: 18.818 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 56 Resp: 58389

Ion Ratio Lower Upper

56 100

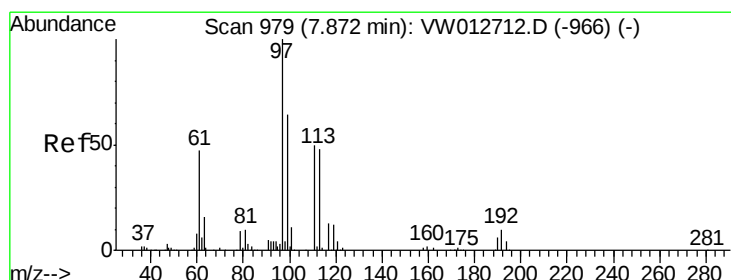
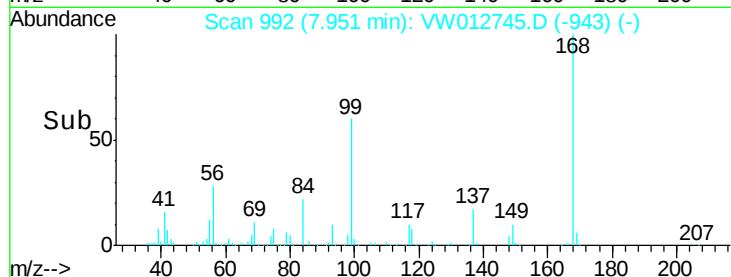
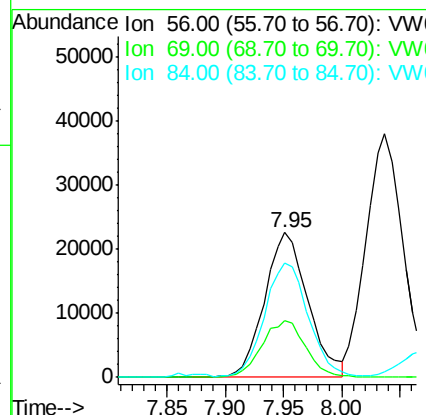
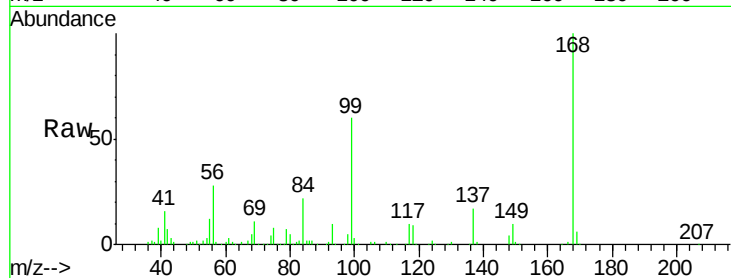
69 38.8 25.7 38.5#

84 76.7 60.4 90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.702 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

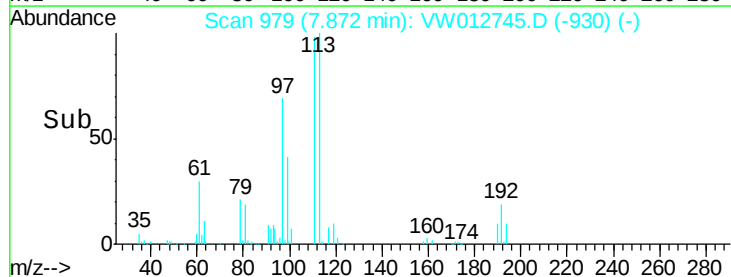
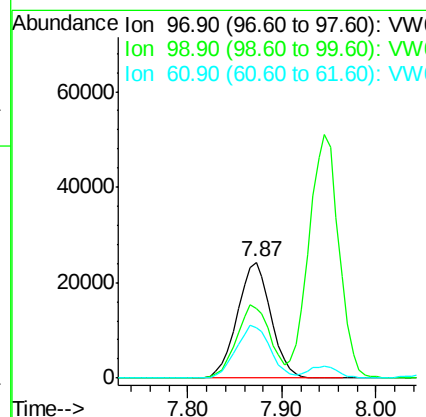
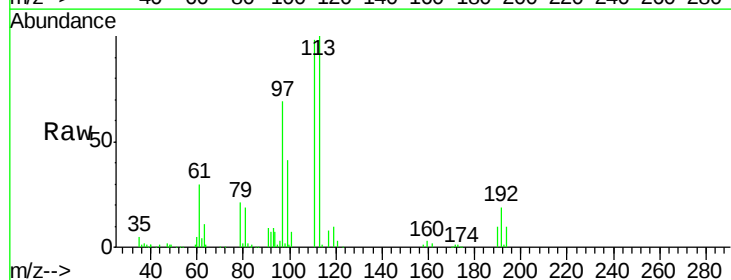
Tgt Ion: 97 Resp: 60089

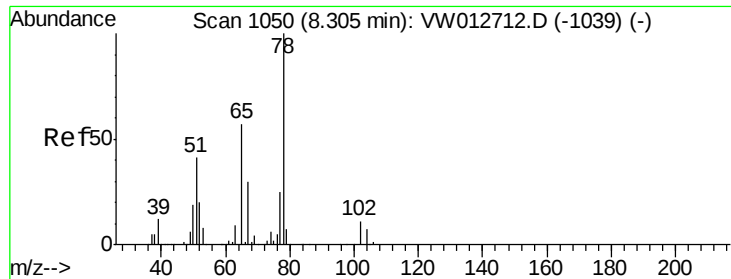
Ion Ratio Lower Upper

97 100

99 63.2 51.5 77.3

61 46.8 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 64.415 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 65 Resp: 135972

Ion Ratio Lower Upper

65 100

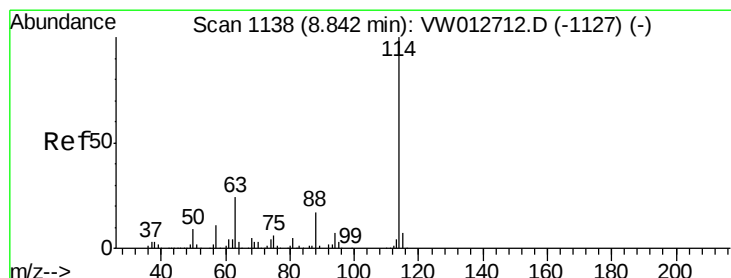
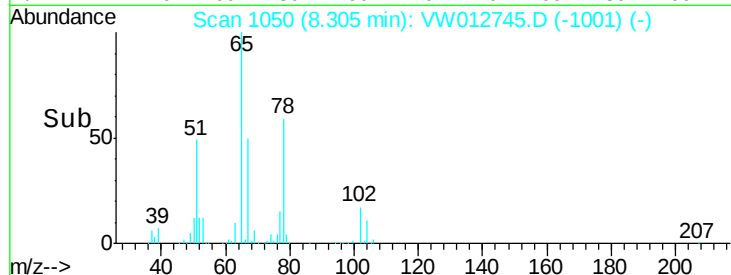
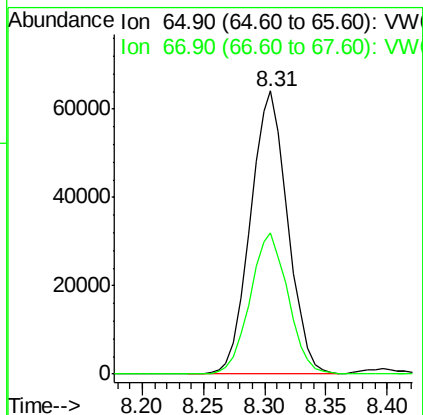
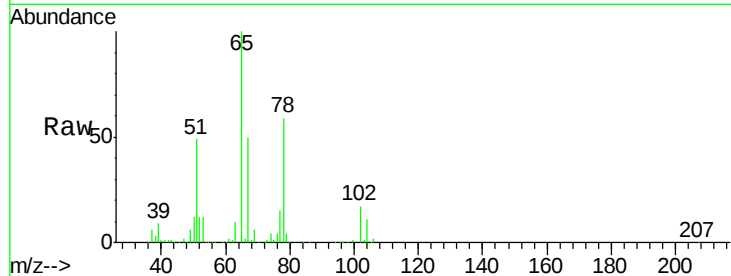
67 50.7 0.0 101.8

Manual Integrations

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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: VW012745.D

Acq: 08 Sep 2019 04:06

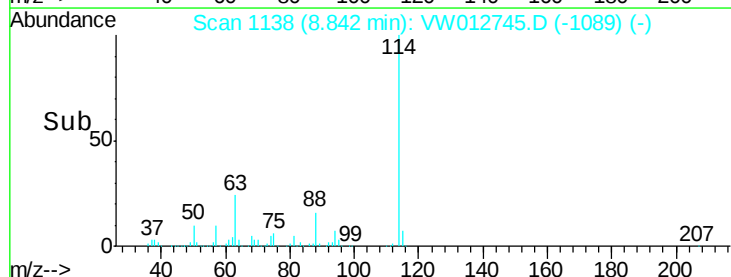
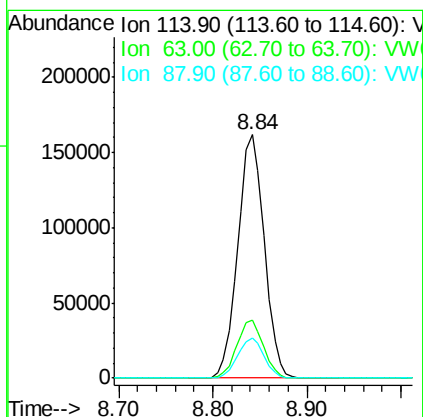
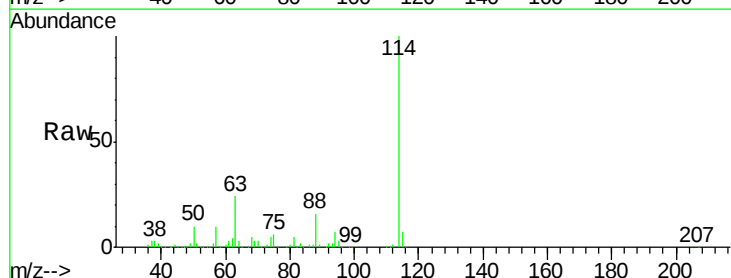
Tgt Ion: 114 Resp: 315886

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.2

88 16.3 0.0 34.0





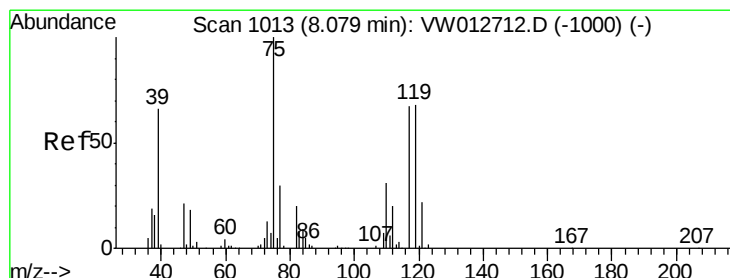
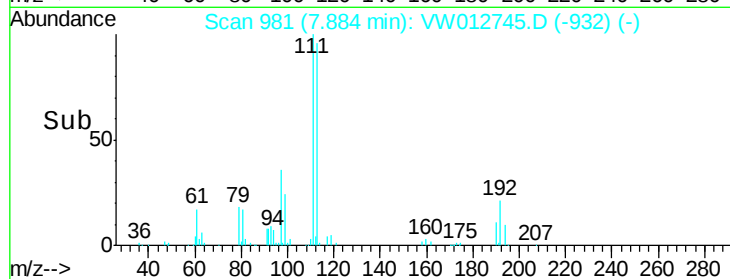
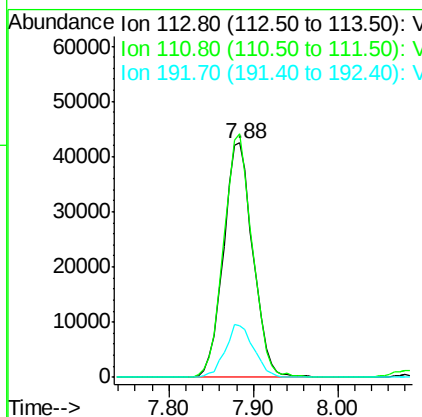
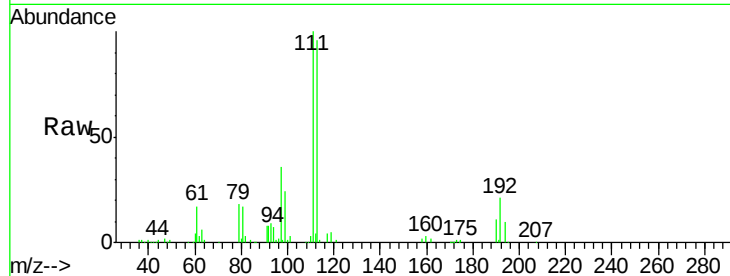
#35
 Dibromofluoromethane
 Concen: 53.693 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Manual Integrations
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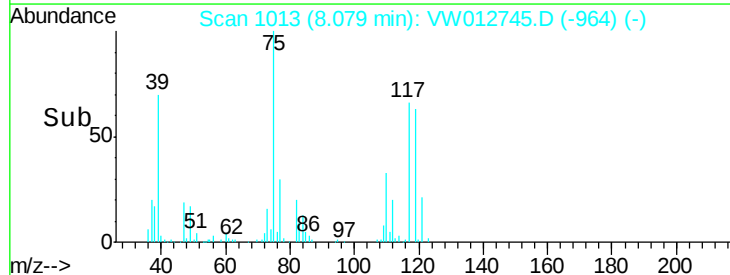
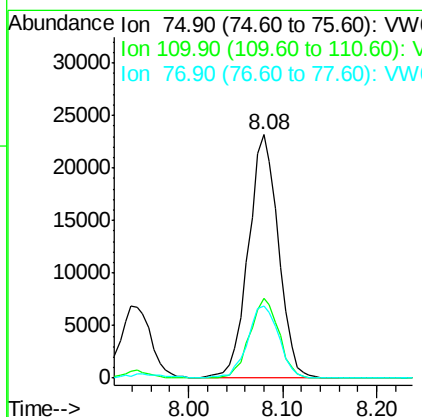
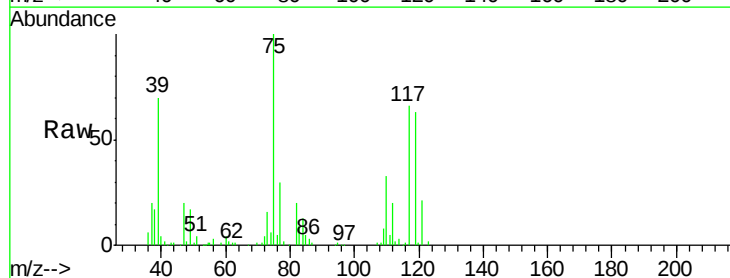
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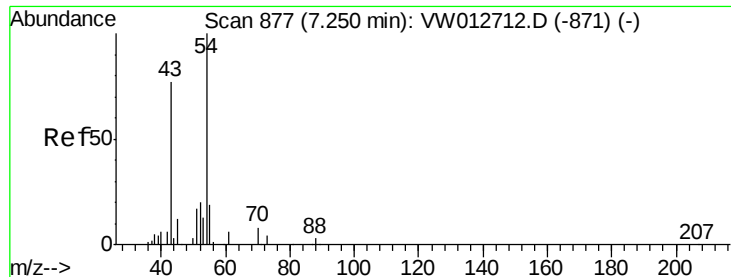
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	80.2	120.4	
192	21.7	17.3	25.9	



#36
 1,1-Dichloropropene
 Concen: 18.383 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	31.8	15.9	47.7	
77	31.0	25.0	37.4	





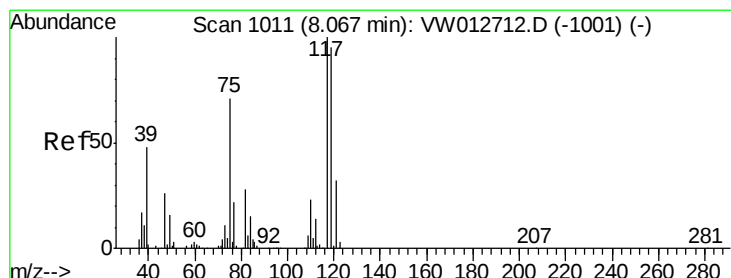
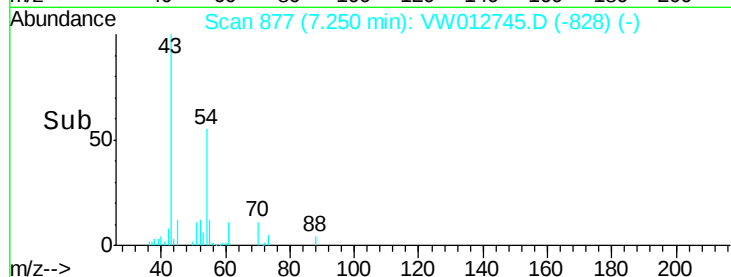
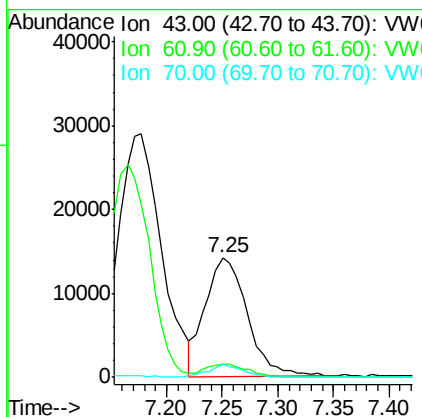
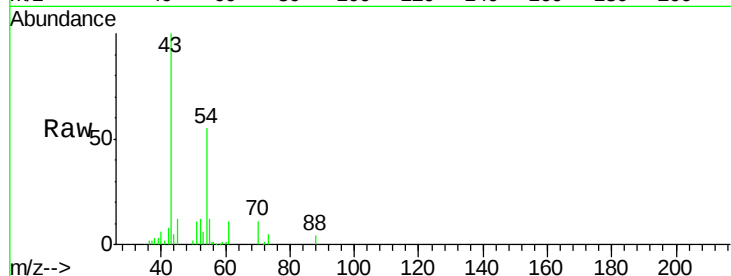
#37
Ethyl Acetate
Concen: 20.819 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.5	14.3
70	9.1	7.0	10.6

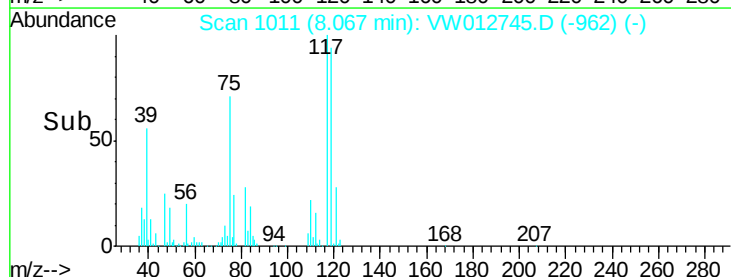
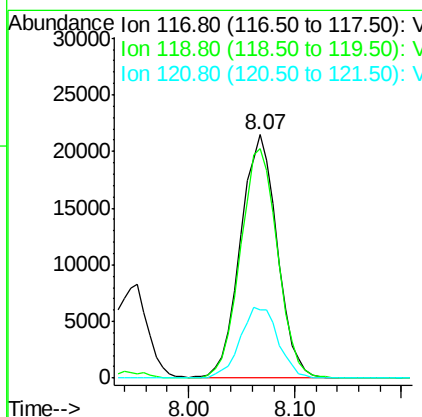
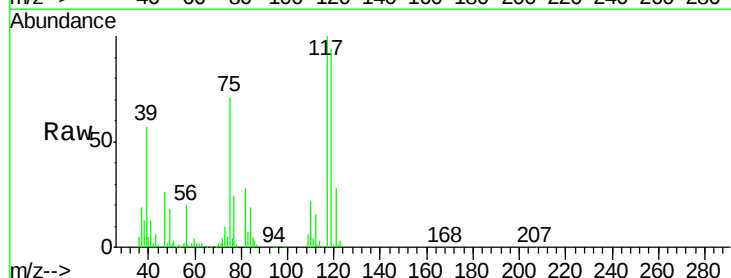
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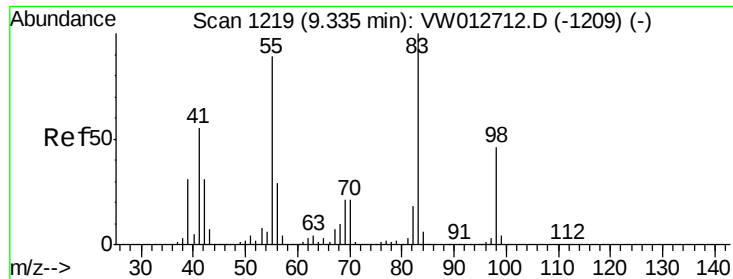
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#38
Carbon Tetrachloride
Concen: 18.860 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.2	114.2
121	28.2	25.4	38.2





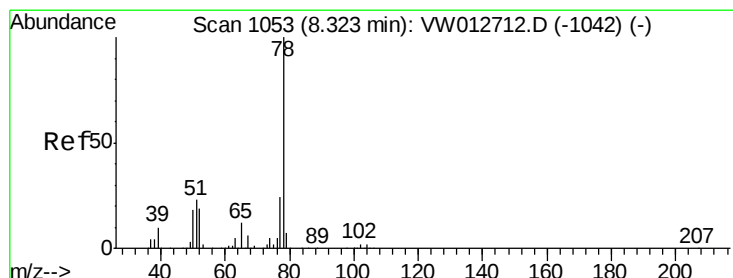
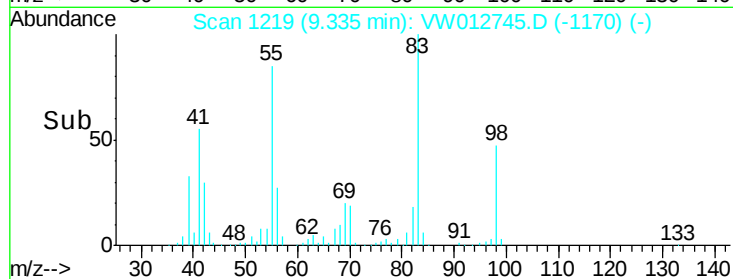
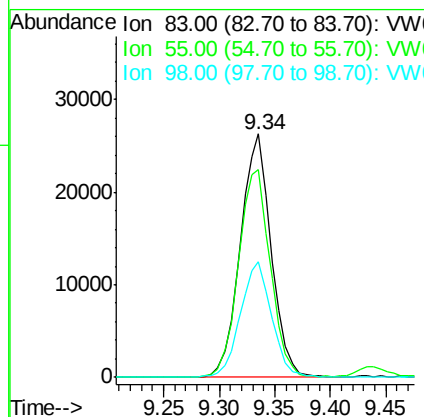
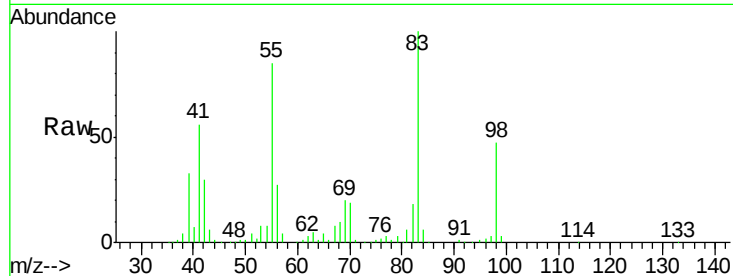
#39
Methvlcvclohexane
Concen: 16.001 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	83.00	Resp	50441
Ion Ratio	Lower	Upper	
83	100		
55	85.3	71.0	106.4
98	47.3	36.9	55.3

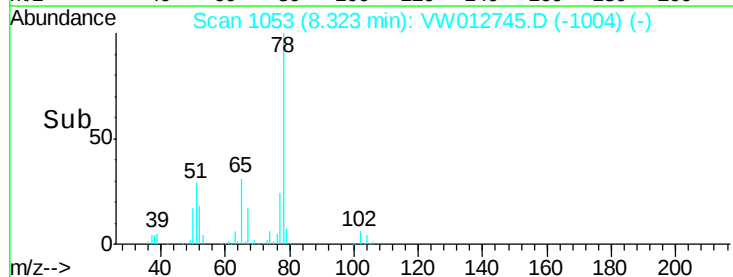
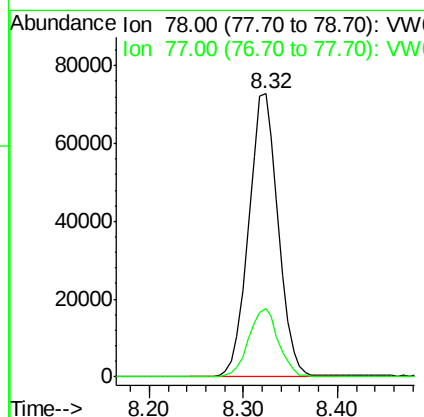
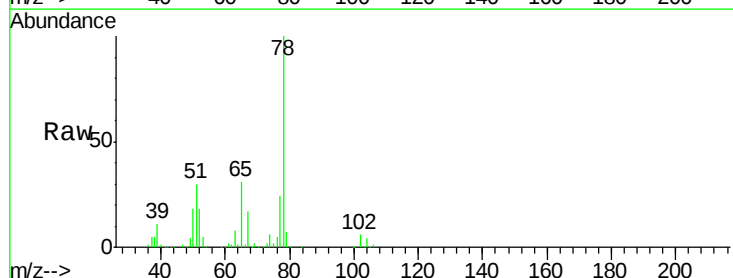
Manual Integrations
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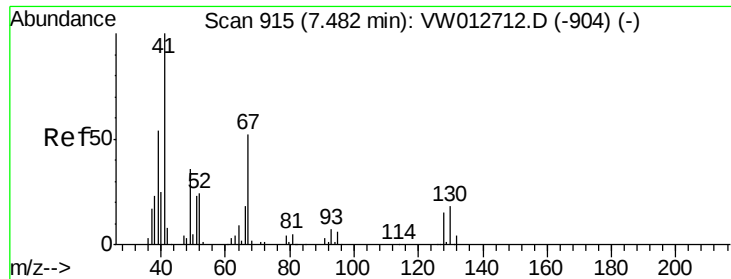
MMDadoda
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#40
Benzene
Concen: 20.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	78.00	Resp	160441
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.3	28.9





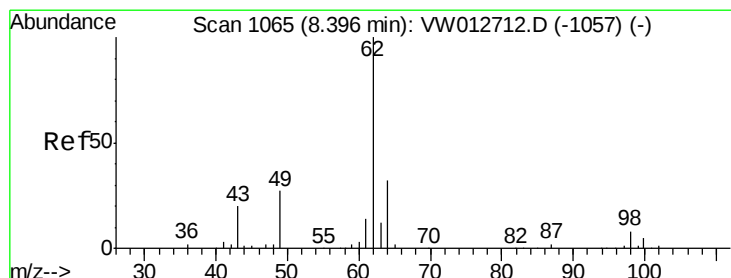
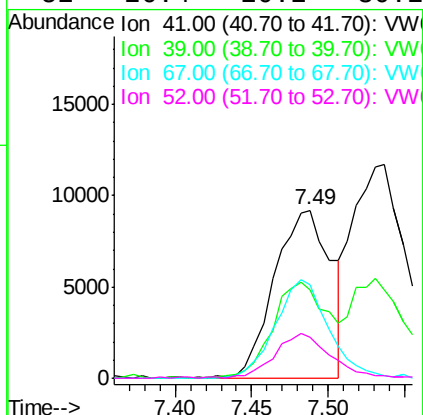
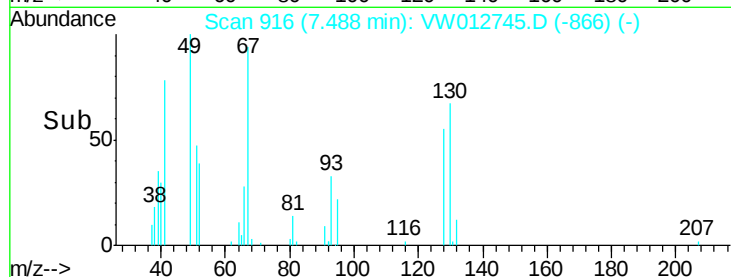
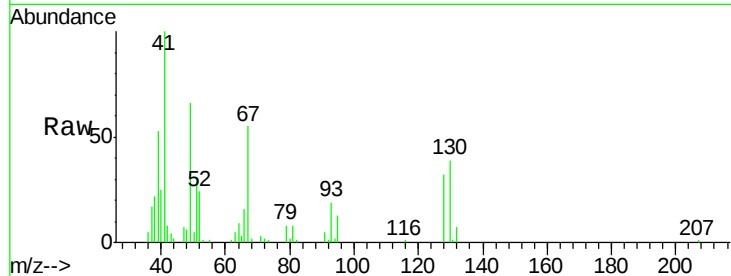
#41
Methacrylonitrile
Concen: 21.844 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	41	Resp	23720
Ion	Ratio	Lower	Upper
41	100		
39	55.9	47.5	71.3
67	55.5	45.1	67.7
52	26.4	20.2	30.2

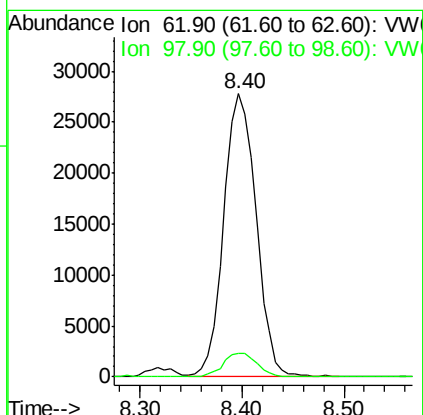
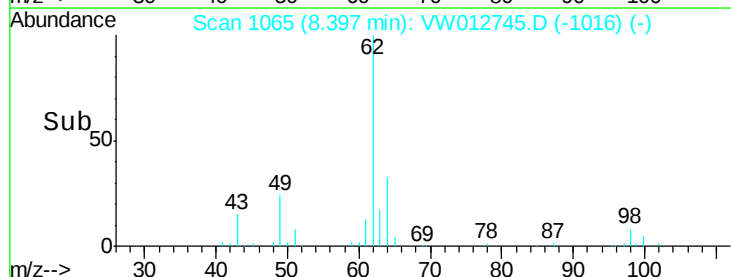
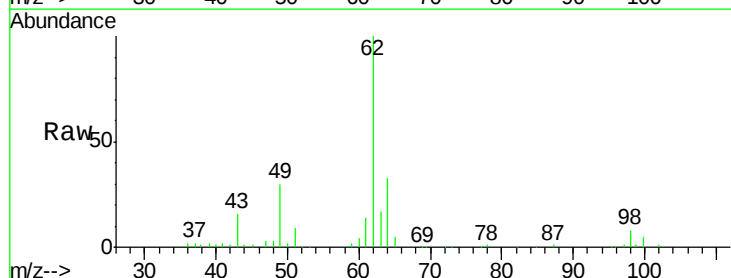
Manual Integrations
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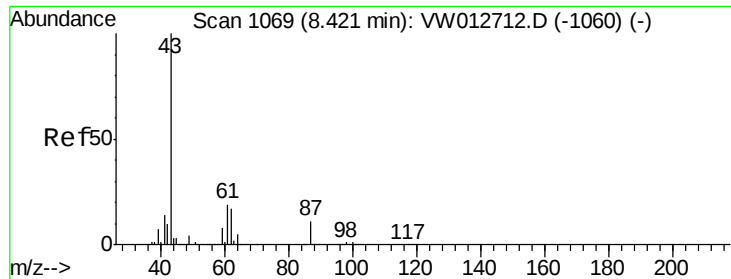
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.331 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	62	Resp	61200
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2





#43

Isopropyl Acetate

Concen: 20.315 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

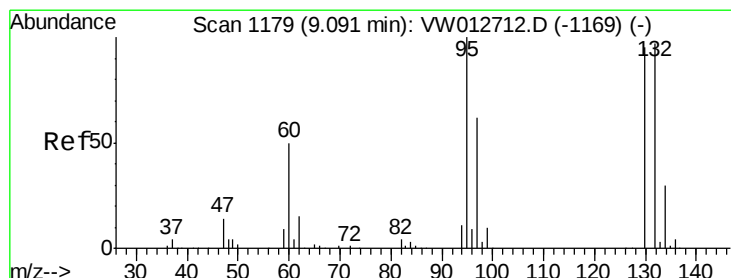
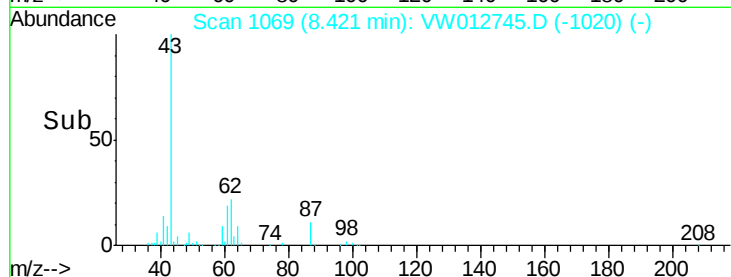
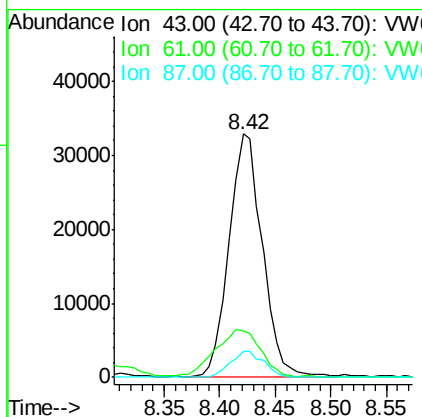
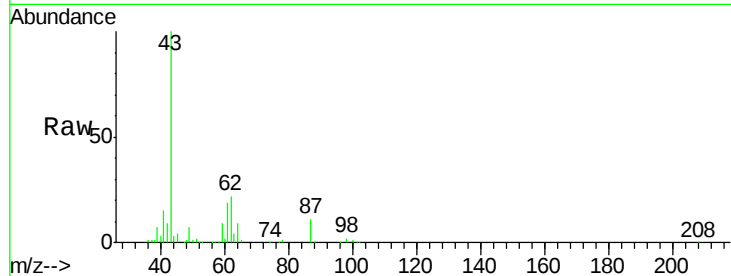
ClientSampleId :

VW0907SBS02

Tot Ion:	43	Resp:	68863
Ion	Ratio	Lower	Upper
43	100		
61	26.7	20.6	30.8
87	10.6	8.6	13.0

Manual Integrations
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#44

Trichloroethene

Concen: 18.881 ug/l

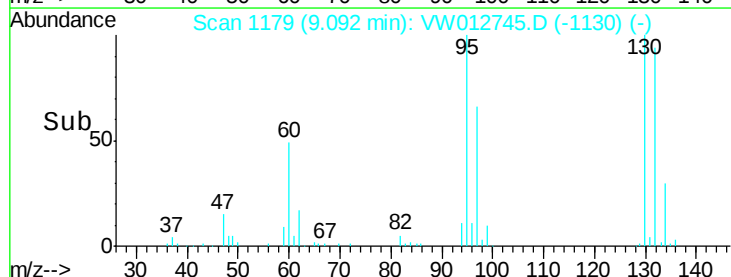
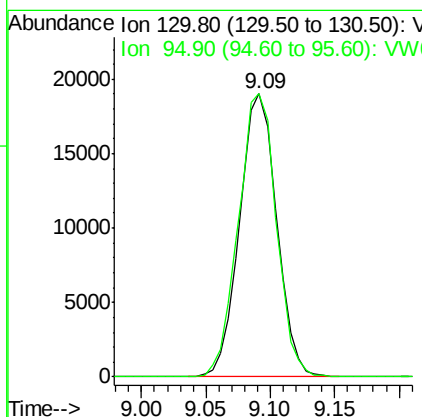
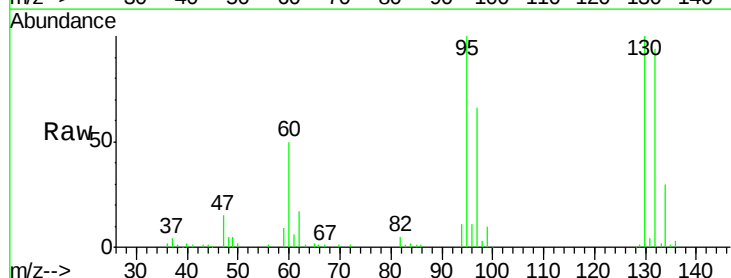
RT: 9.09 min Scan# 1179

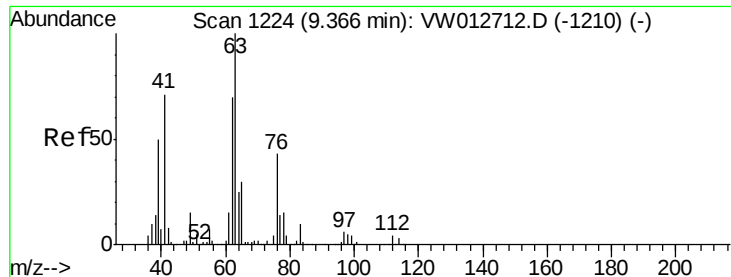
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	130	Resp:	37900
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	210.6





#45

1,2-Dichloropropane

Concen: 18.601 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 63 Resp: 40175

Ion Ratio Lower Upper

63 100

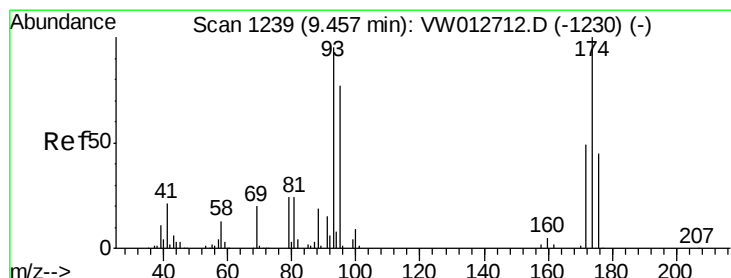
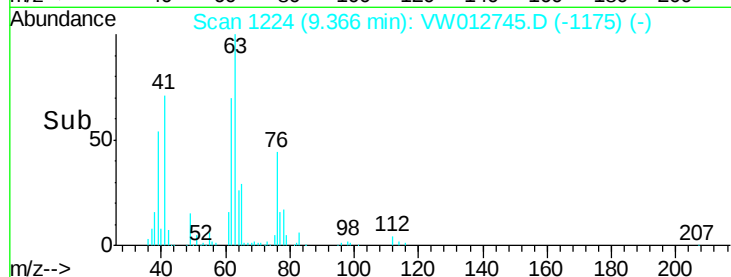
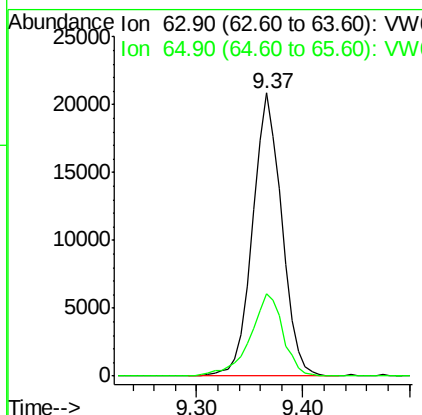
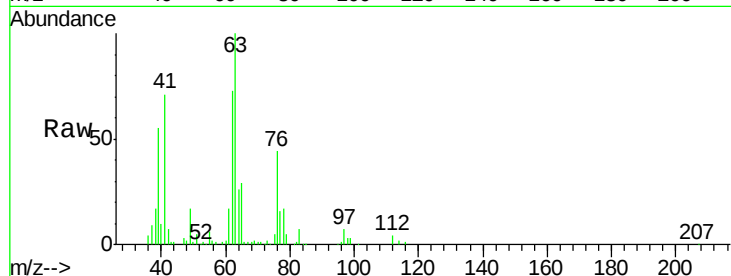
65 29.2 23.8 35.8

Manual Integrations

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#46

Dibromomethane

Concen: 21.474 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

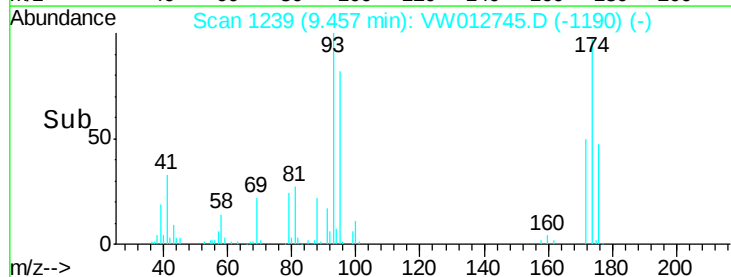
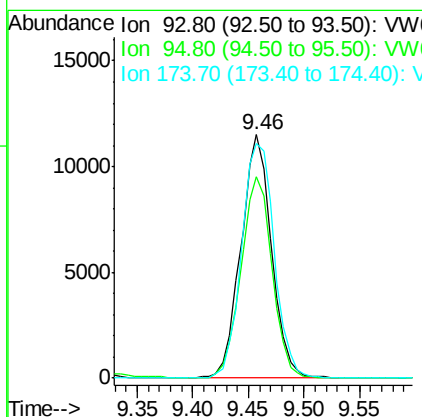
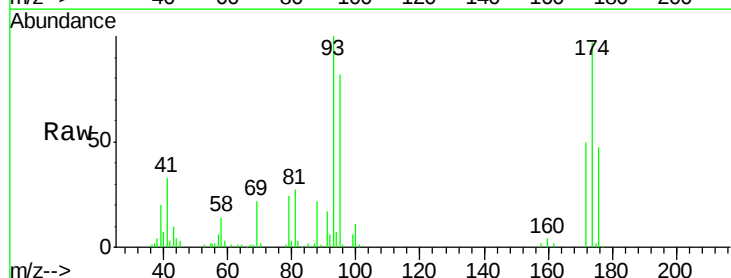
Tgt Ion: 93 Resp: 21963

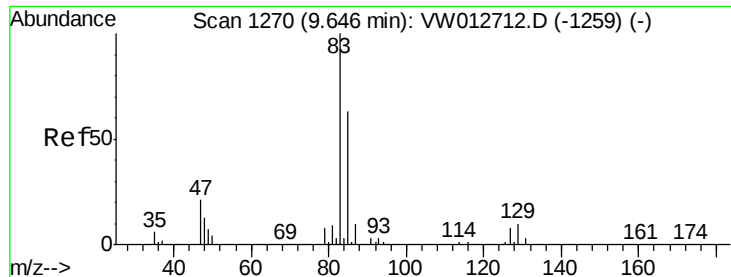
Ion Ratio Lower Upper

93 100

95 83.9 65.2 97.8

174 103.0 84.2 126.4





#47

Bromodichloromethane

Concen: 21.229 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

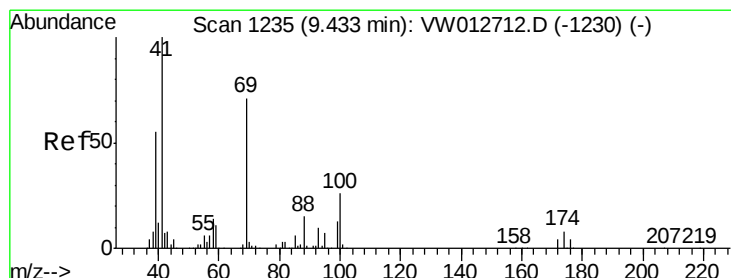
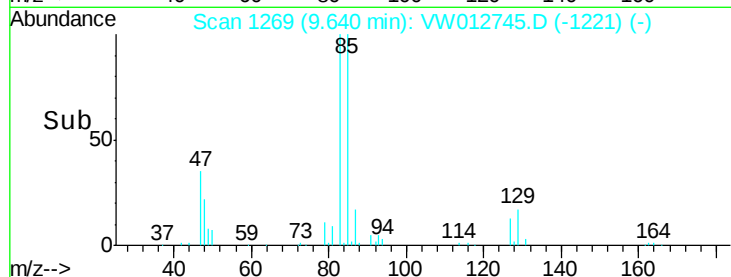
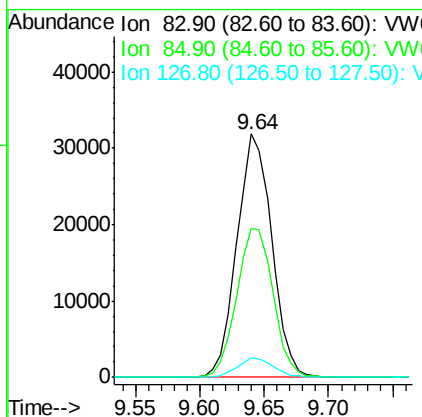
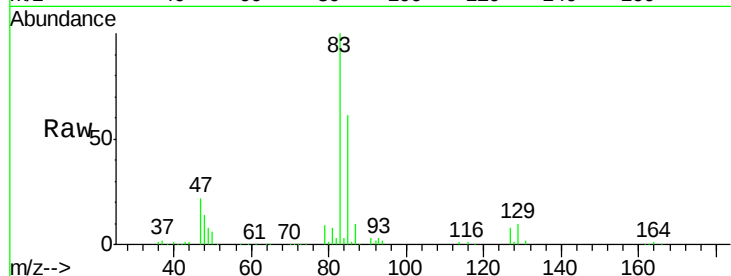
ClientSampleId :

VW0907SBSD02

Tot Ion:	83	Resp:	59736
Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.2	75.2
127	7.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.908 ug/l

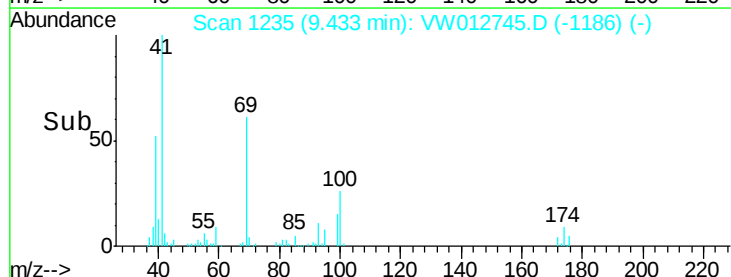
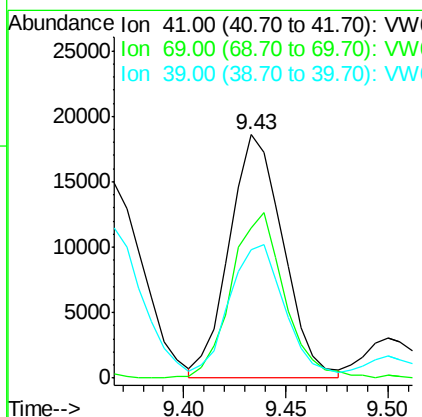
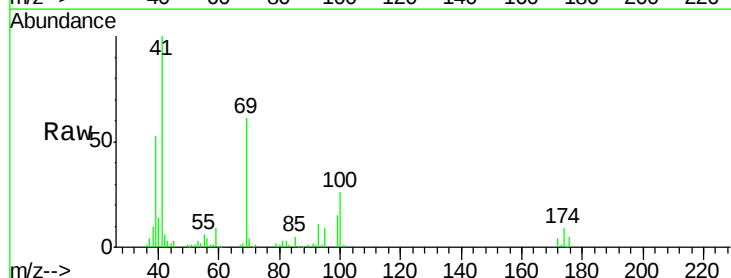
RT: 9.43 min Scan# 1235

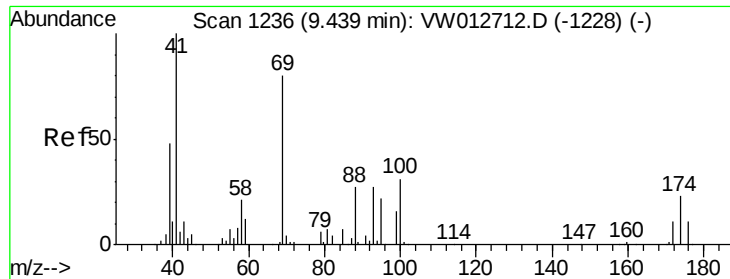
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	41	Resp:	33869
Ion	Ratio	Lower	Upper
41	100		
69	67.6	59.8	89.8
39	57.0	47.0	70.6





#49

1,4-Dioxane

Concen: 384.308 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

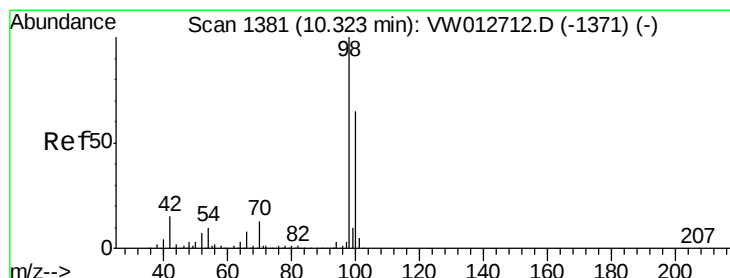
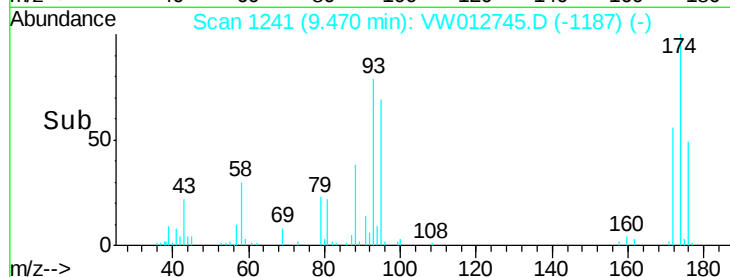
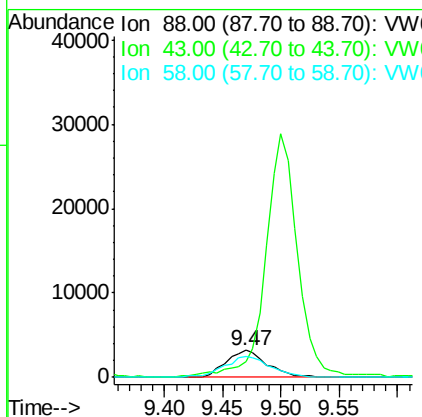
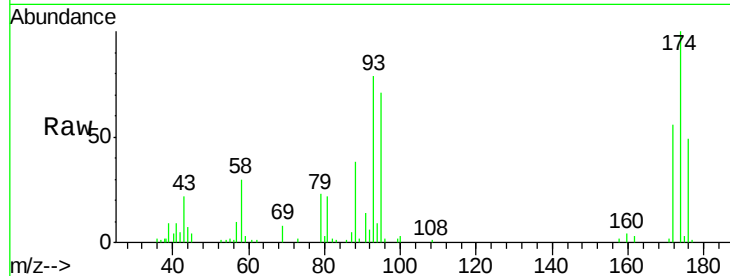
ClientSampleId :

VW0907SBSD02

Tot Ion:	88	Resp:	7764
Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.8	52.2#
58	86.7	64.1	96.1

Manual Integrations
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#50

Toluene-d8

Concen: 52.251 ug/l

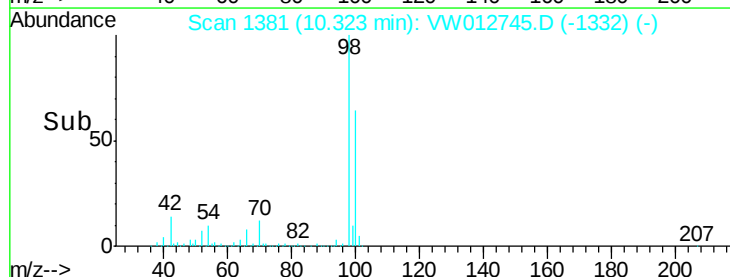
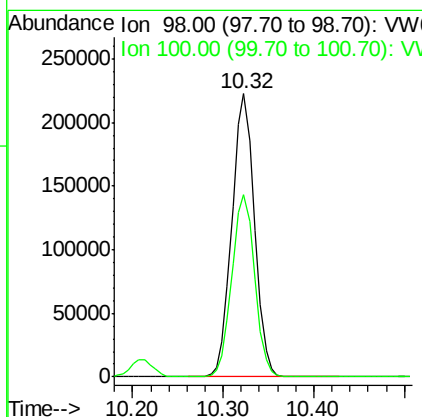
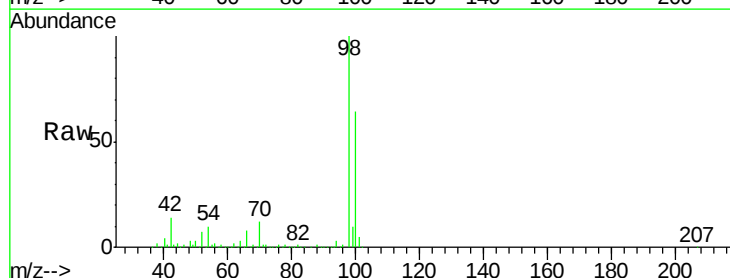
RT: 10.32 min Scan# 1381

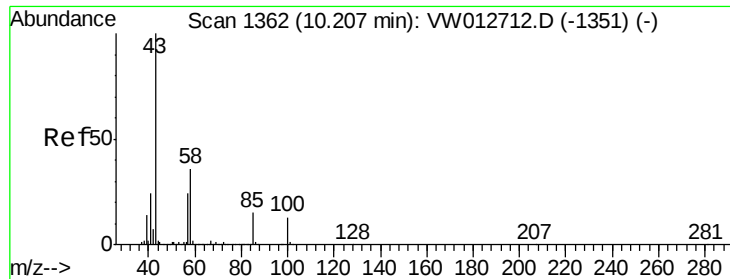
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	98	Resp:	384446
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





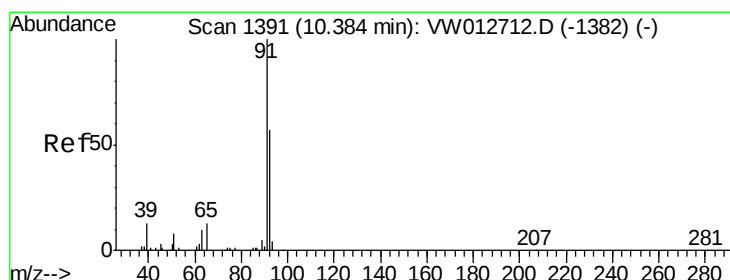
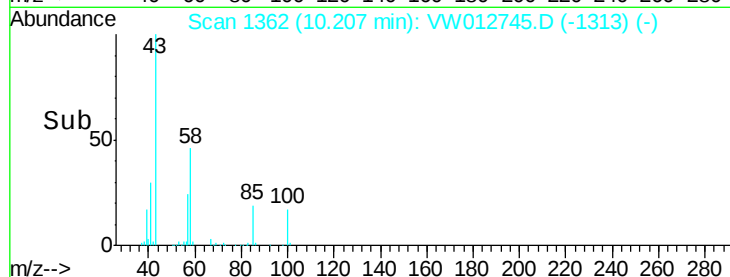
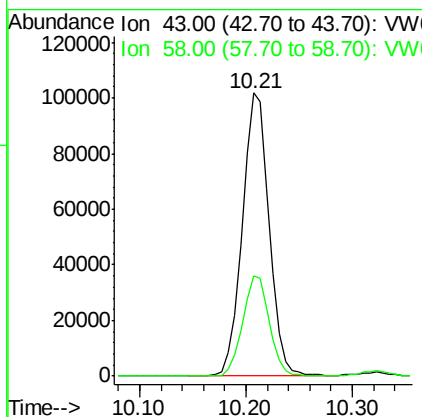
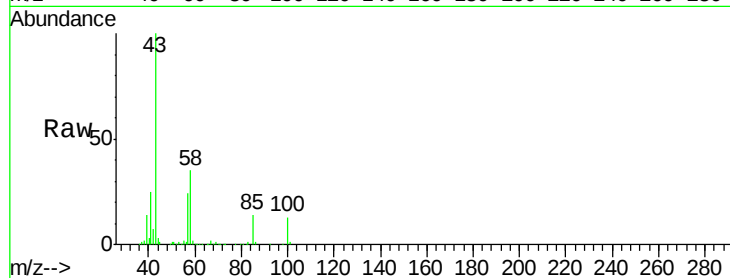
#51
4-Methyl-2-Pentanone
Concen: 101.271 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.4	42.6

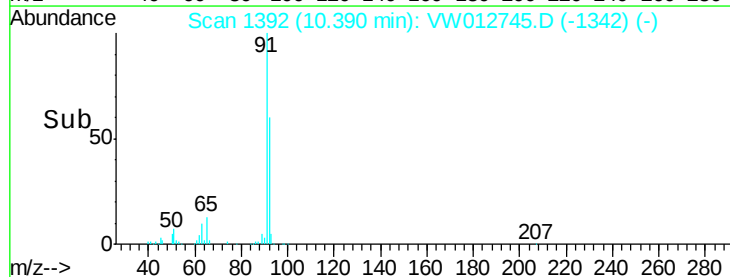
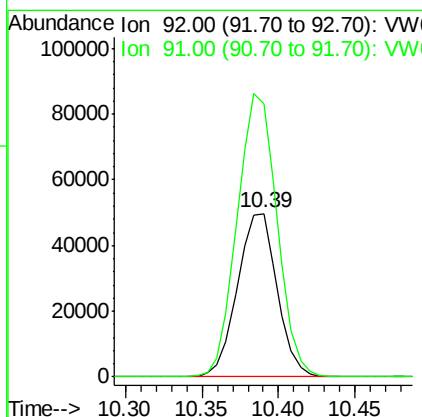
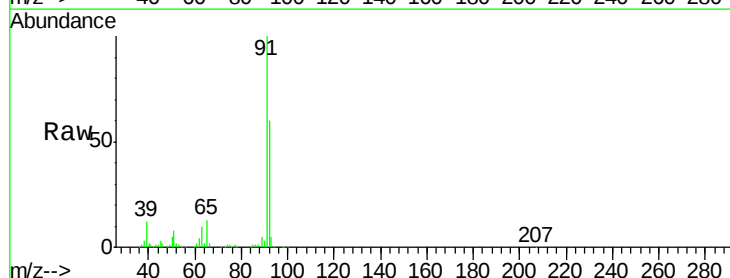
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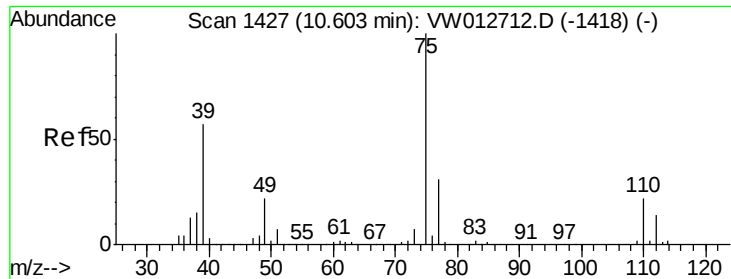
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#52
Toluene
Concen: 18.454 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	137.0	205.4





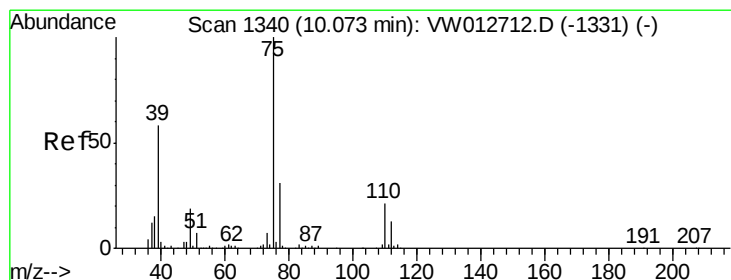
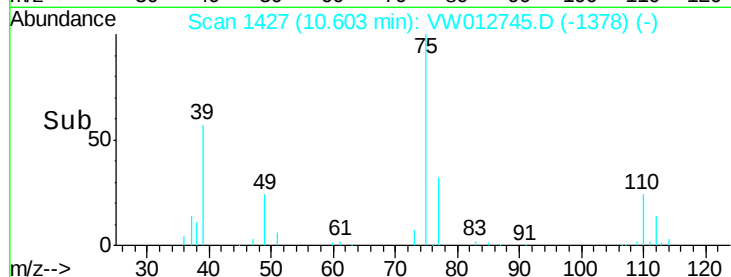
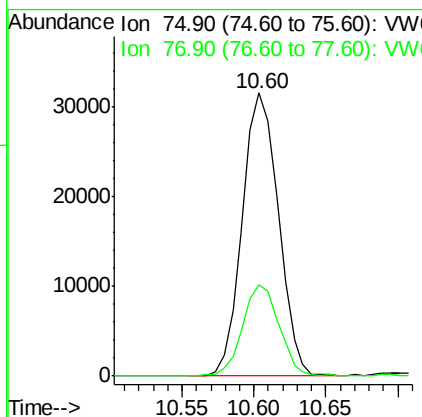
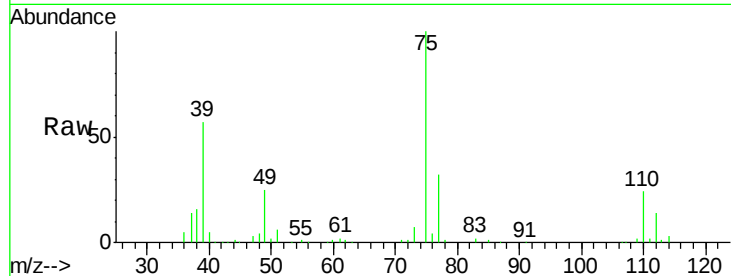
#53
t-1,3-Dichloropropene
Concen: 19.025 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion: 75 Resp: 55047
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1

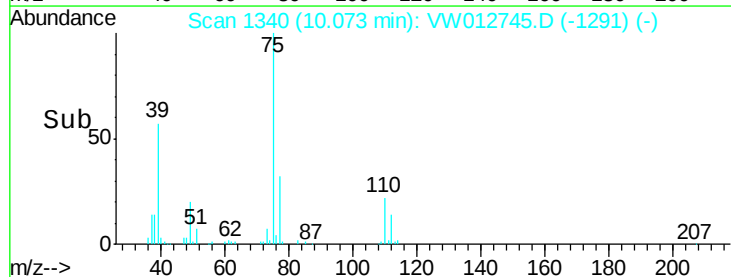
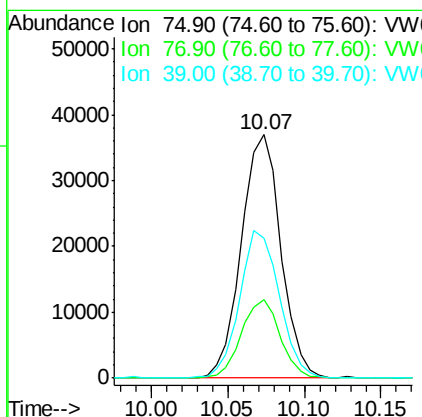
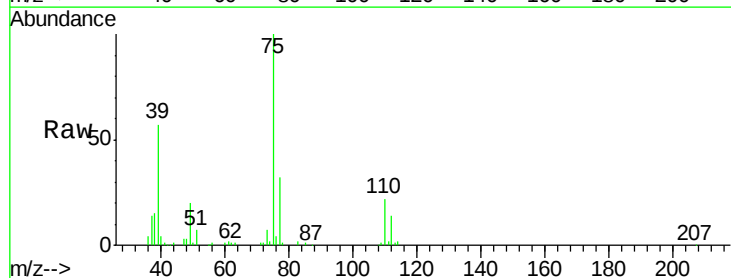
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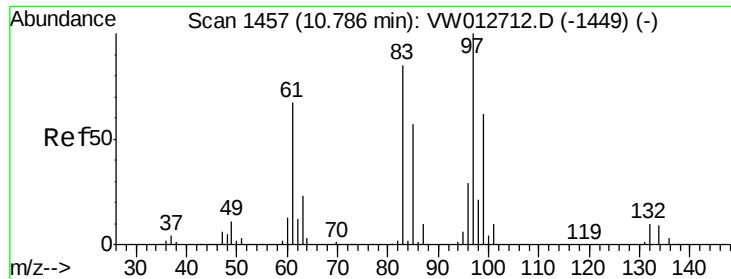
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#54
cis-1,3-Dichloropropene
Concen: 20.233 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 75 Resp: 66410
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 57.4 46.3 69.5





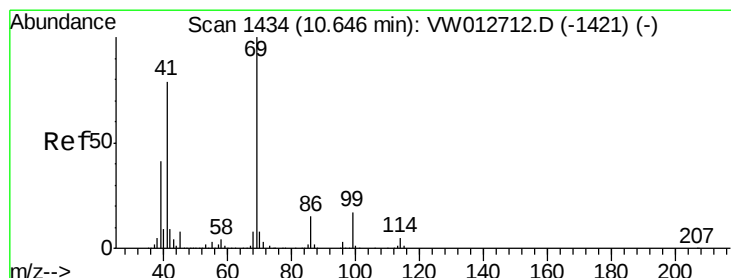
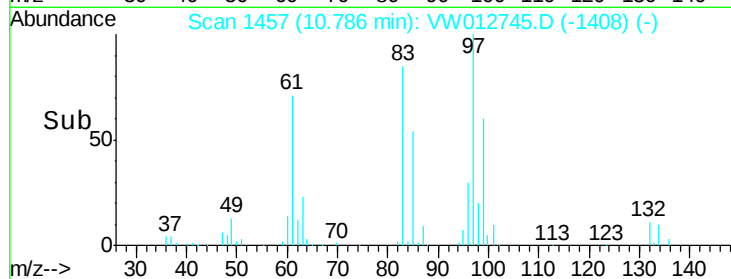
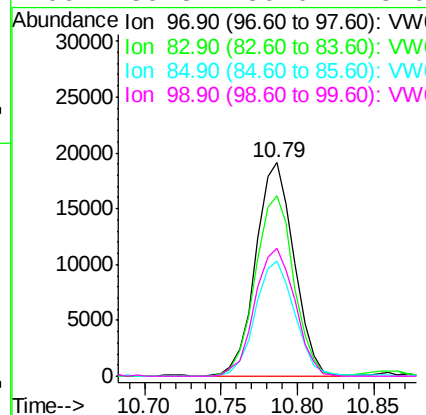
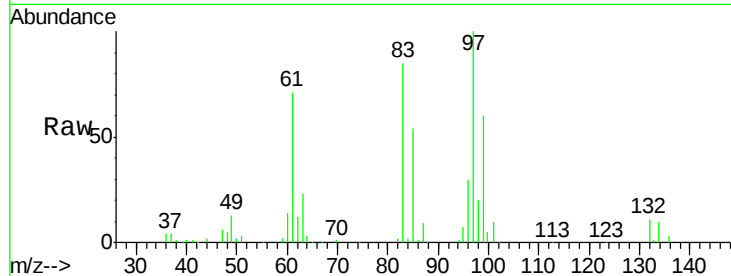
#55
 1,1,2-Trichloroethane
 Concen: 21.818 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion:	97	Resp:	33407
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.1	102.1
85	54.1	45.3	67.9
99	59.8	50.0	75.0

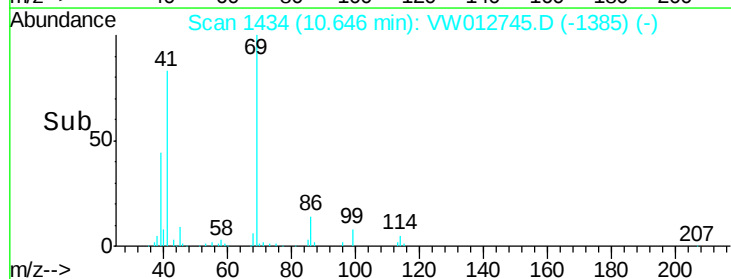
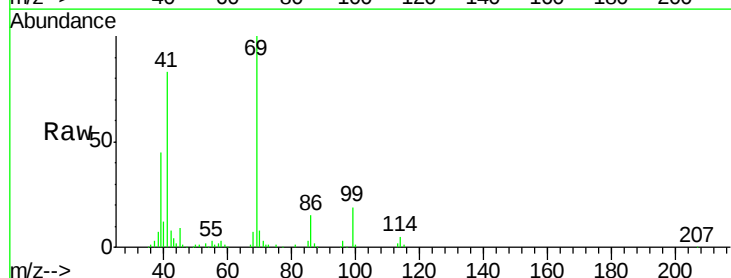
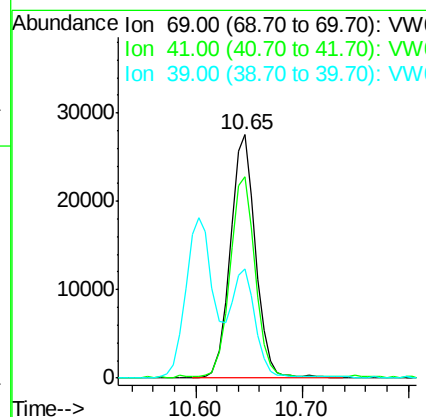
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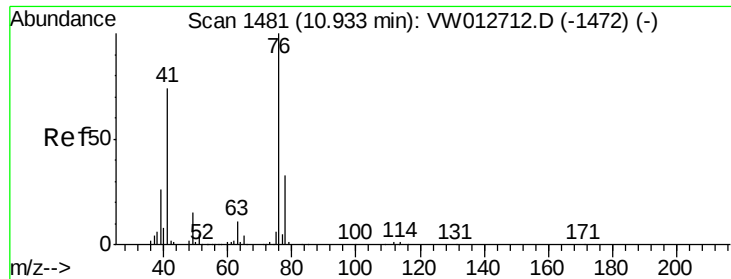
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#56
 Ethyl methacrylate
 Concen: 20.367 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion:	69	Resp:	45651
Ion	Ratio	Lower	Upper
69	100		
41	81.4	64.4	96.6
39	40.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 21.735 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 76 Resp: 61569

Ion Ratio Lower Upper

76 100

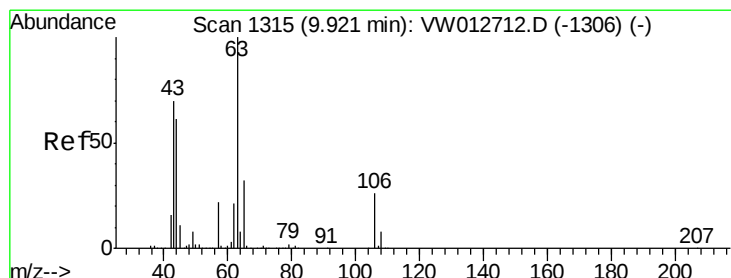
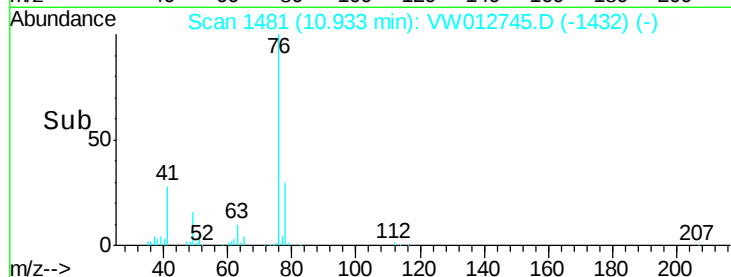
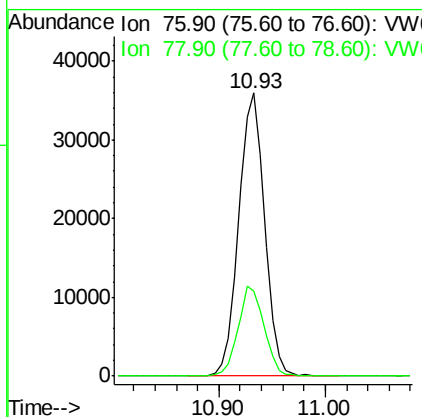
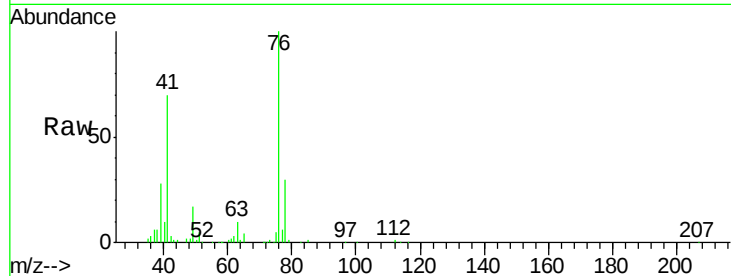
78 31.9 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.653 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012745.D

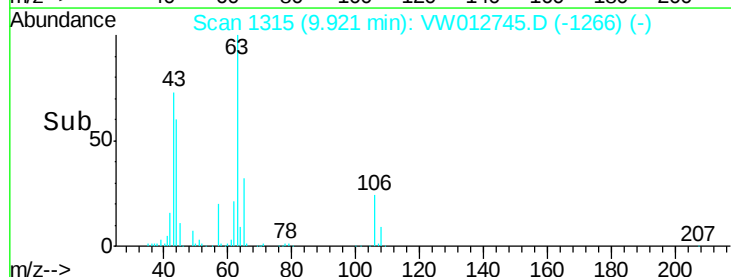
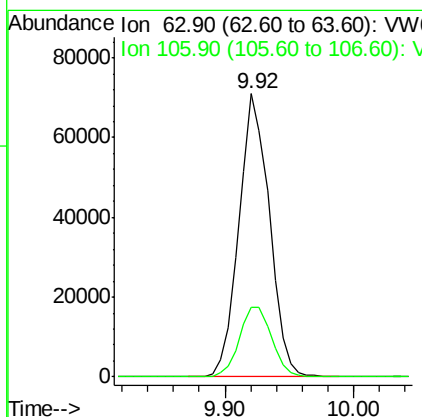
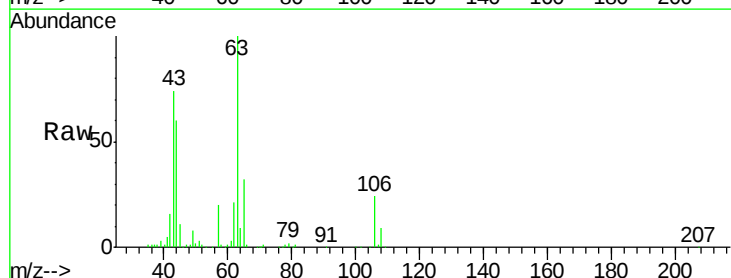
Acq: 08 Sep 2019 04:06

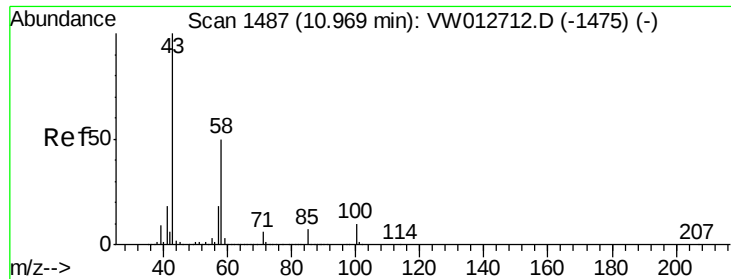
Tgt Ion: 63 Resp: 116197

Ion Ratio Lower Upper

63 100

106 26.3 20.5 30.7





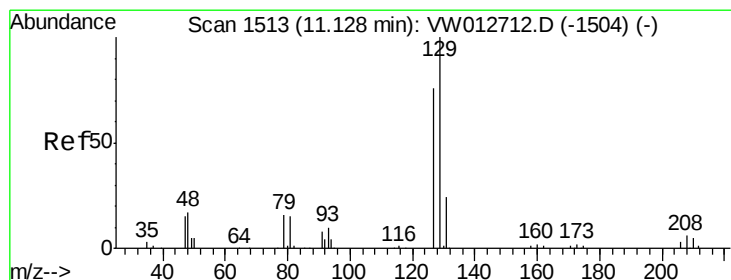
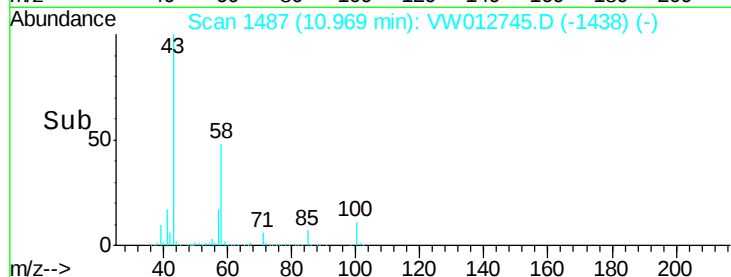
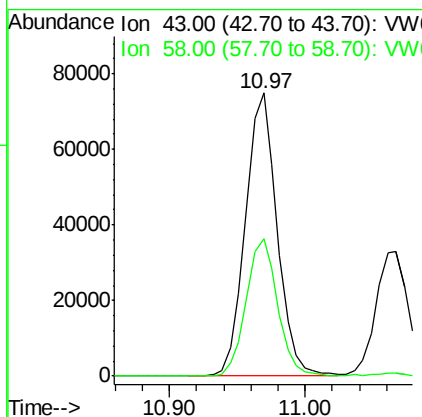
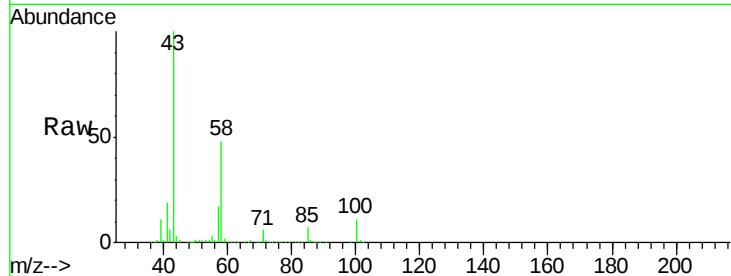
#59
2-Hexanone
Concen: 94.291 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion: 43 Resp: 122531
Ion Ratio Lower Upper
43 100
58 48.2 24.7 74.1

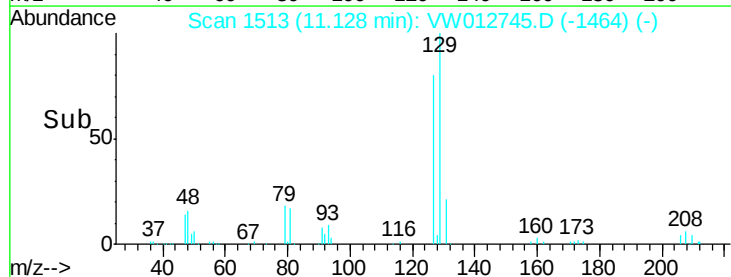
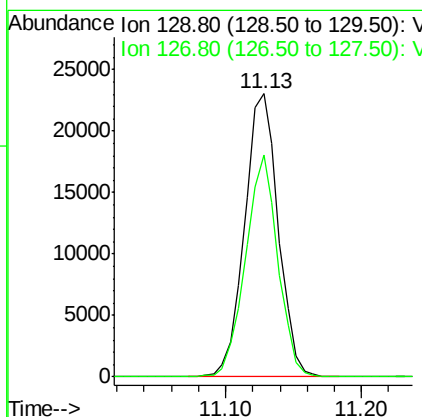
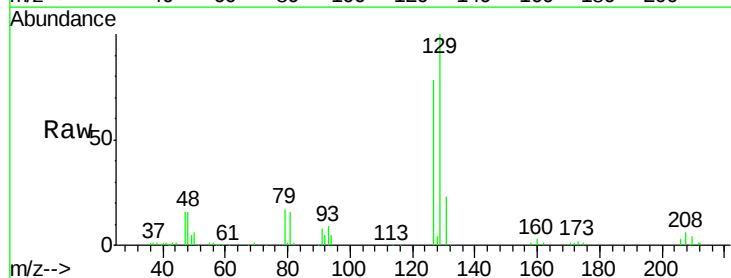
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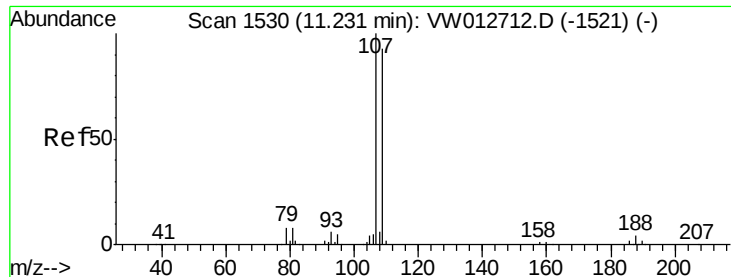
MMDadoda
9/10/2019 1:03:22 PM



#60
Dibromochloromethane
Concen: 22.188 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion: 129 Resp: 39956
Ion Ratio Lower Upper
129 100
127 75.0 38.6 115.8





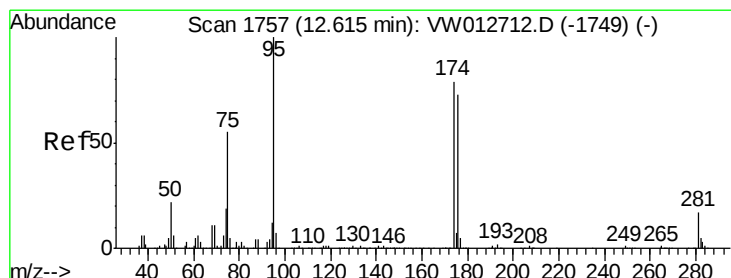
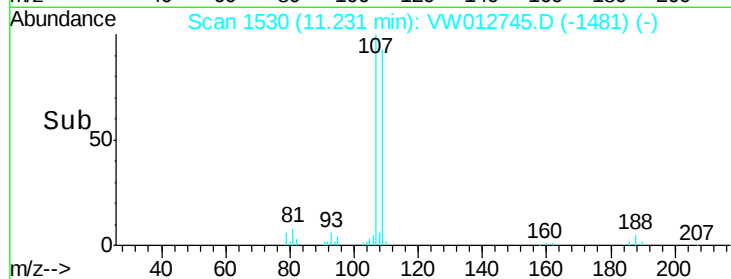
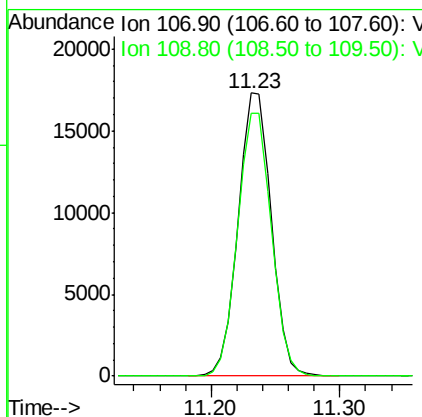
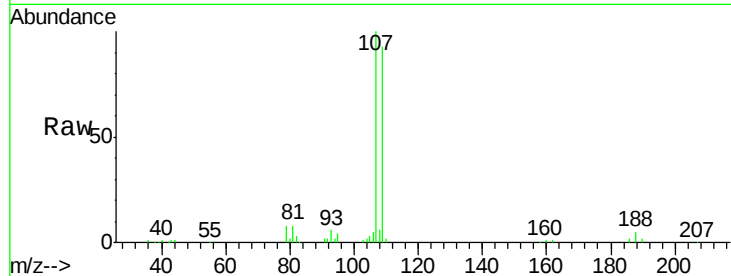
#61
 1,2-Dibromoethane
 Concen: 21.915 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

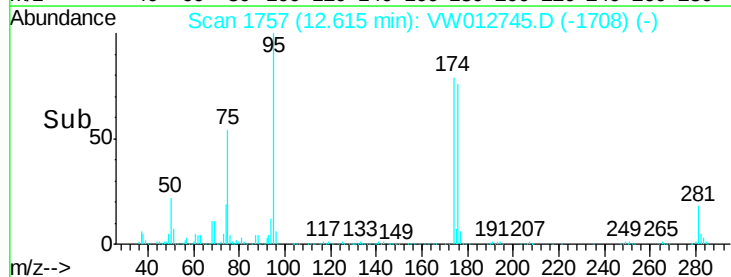
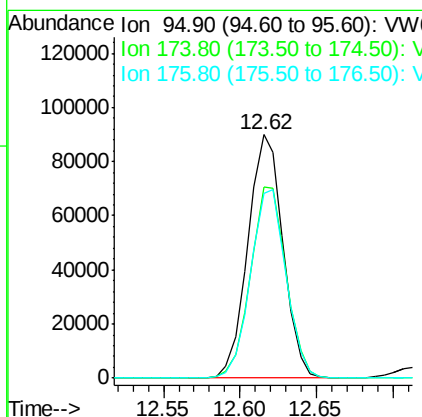
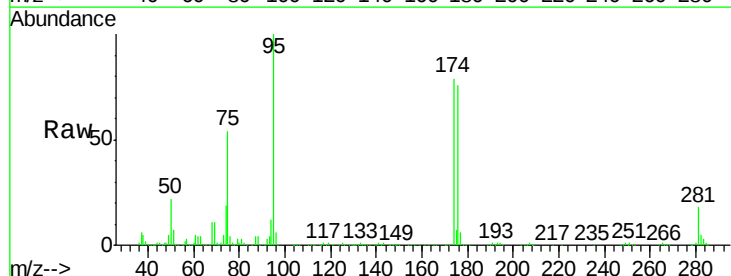
Manual Integrations
 APPROVED

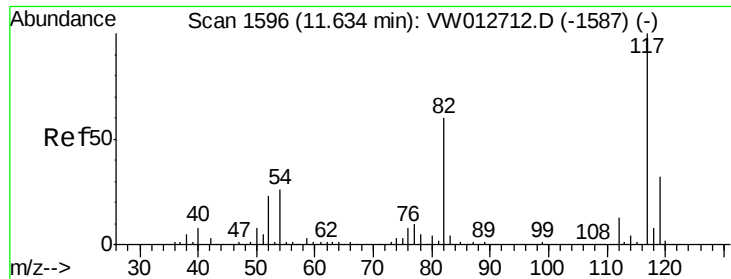
MMDadoda
 9/10/2019 1:03:22 PM



#62
 4-Bromofluorobenzene
 Concen: 53.607 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	161.0
176	78.6	0.0	156.4





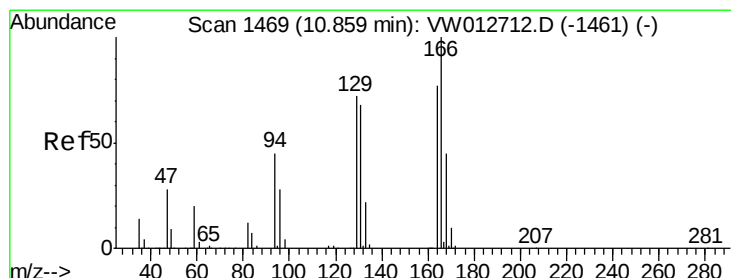
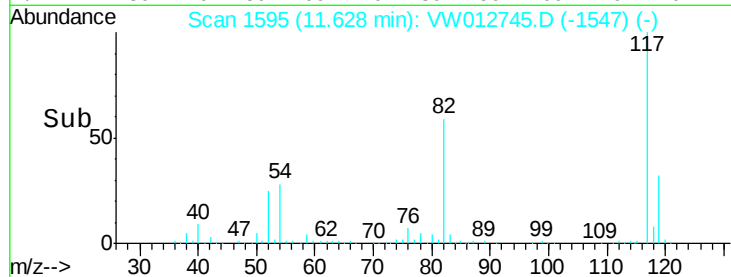
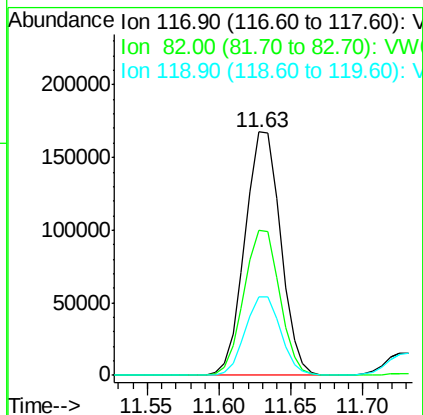
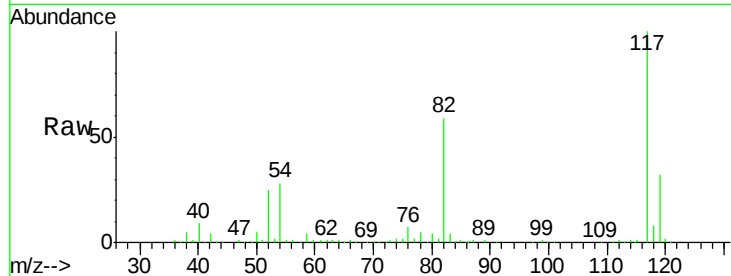
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	48.2	72.4
119	32.0	25.8	38.6

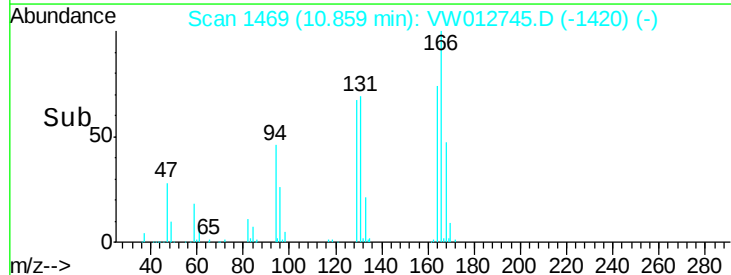
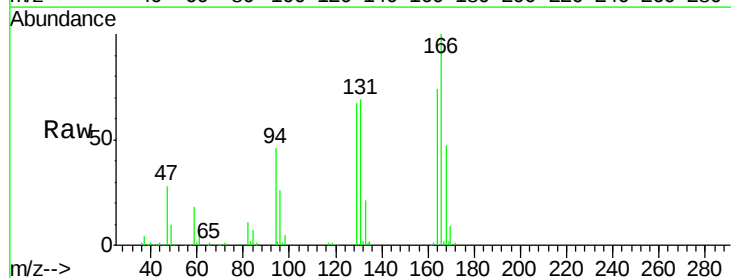
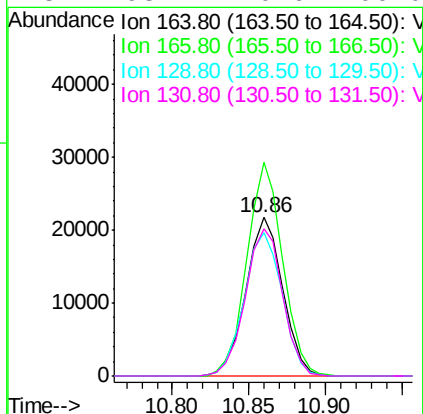
Manual Integrations
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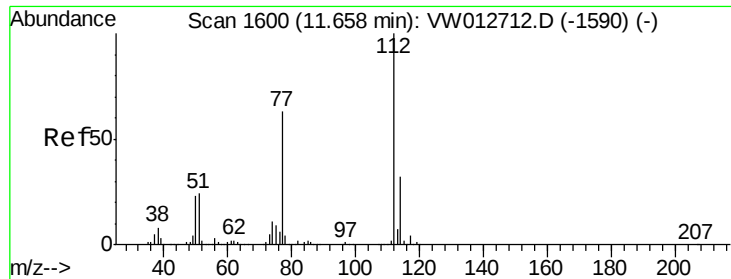
MMDadoda
9/10/2019 1:03:22 PM



#64
Tetrachloroethene
Concen: 20.892 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.6	103.6	155.4
129	90.6	74.6	112.0
131	93.1	70.6	106.0





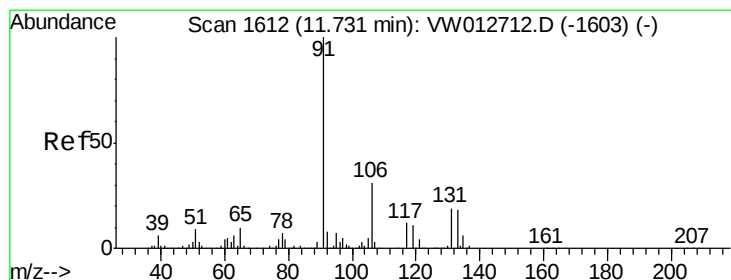
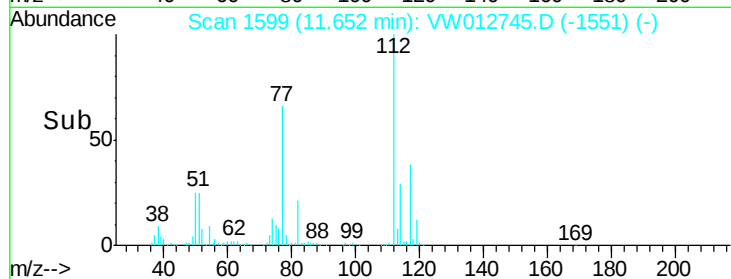
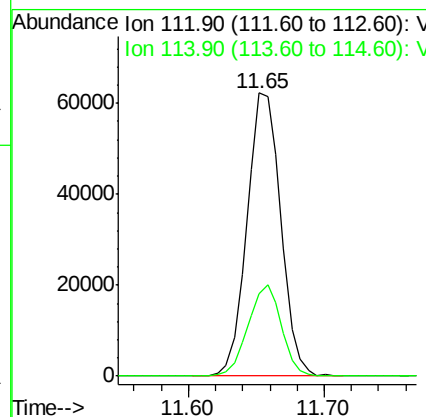
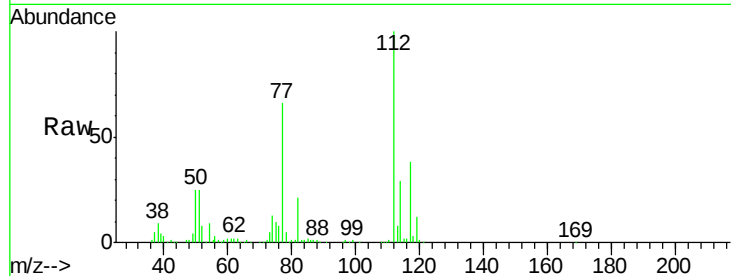
#65
Chlorobenzene
Concen: 19.913 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	108261		
114	28.9	25.3	37.9	

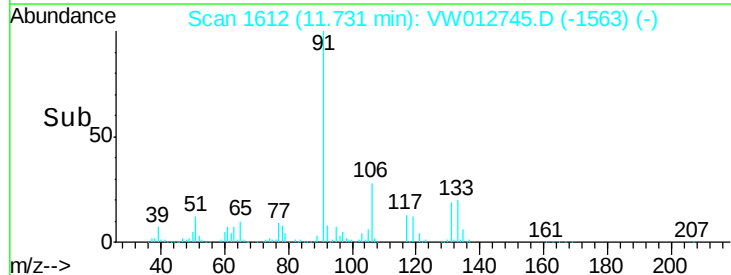
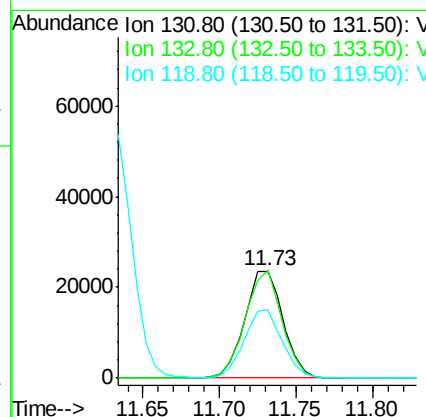
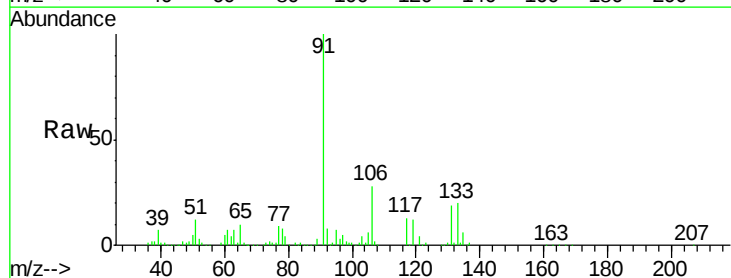
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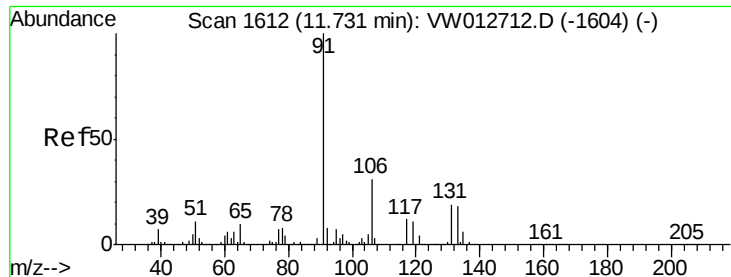
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.402 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	41306		
133	95.8	47.6	142.8	
119	63.0	30.6	92.0	





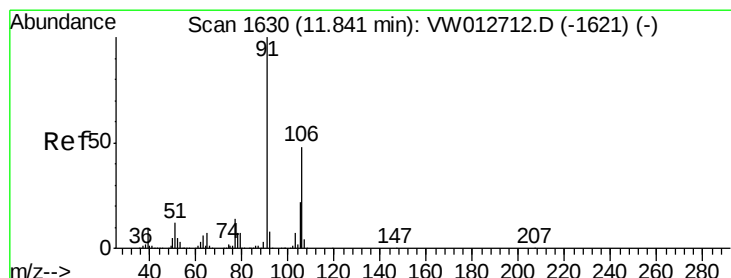
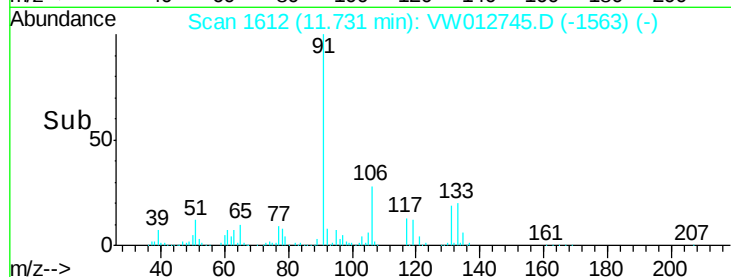
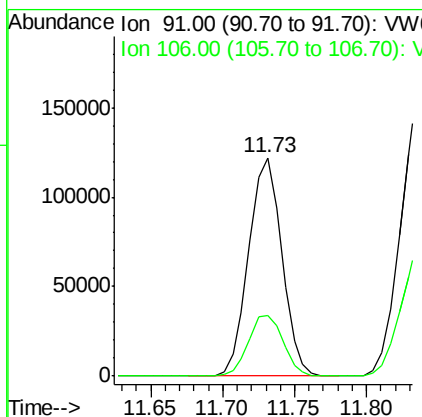
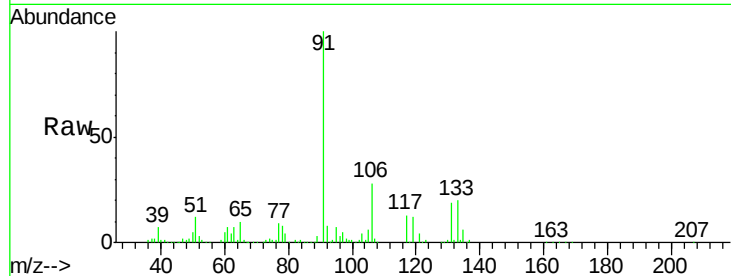
#67
Ethyl Benzene
Concen: 19.083 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
106	28.0	24.4	36.6

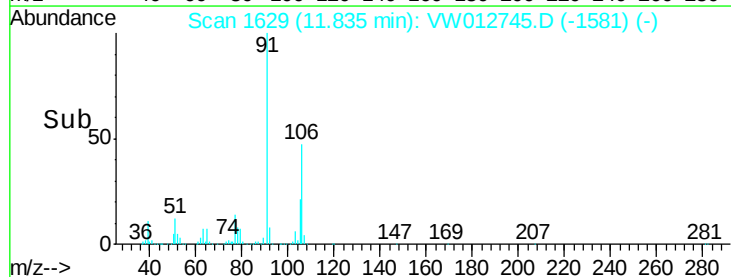
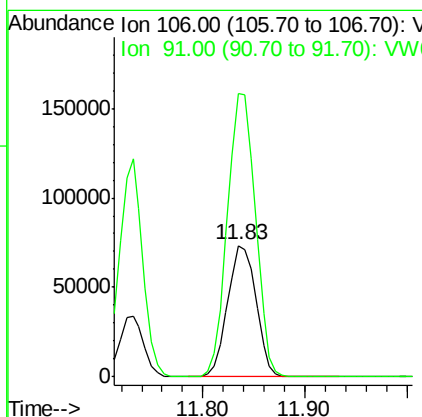
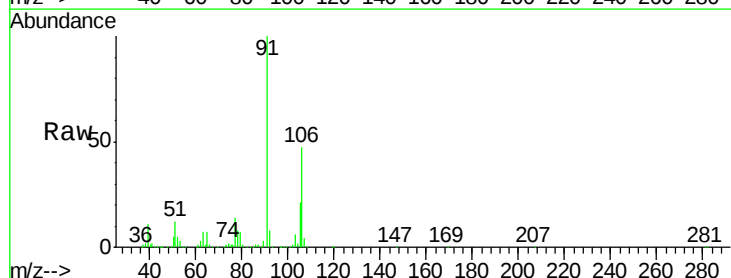
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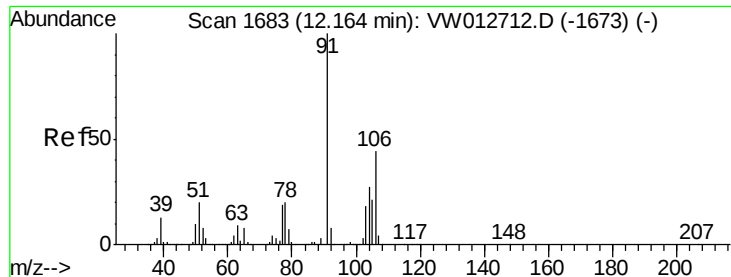
MMDadoda
9/10/2019 1:03:22 PM



#68
m/p-Xylenes
Concen: 38.404 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.4	168.2	252.4





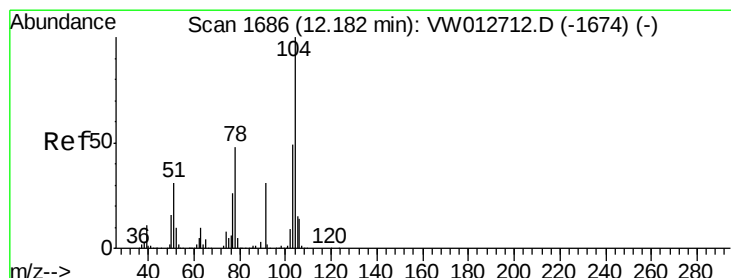
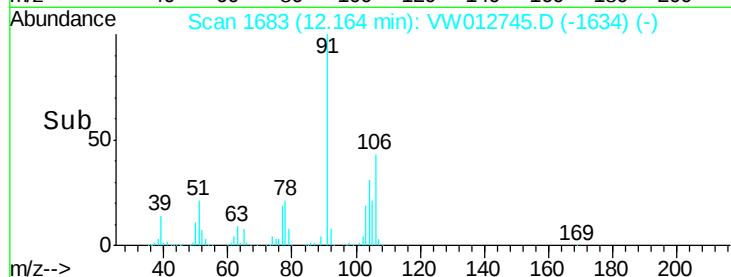
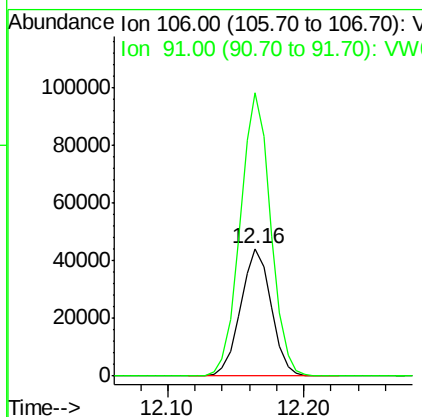
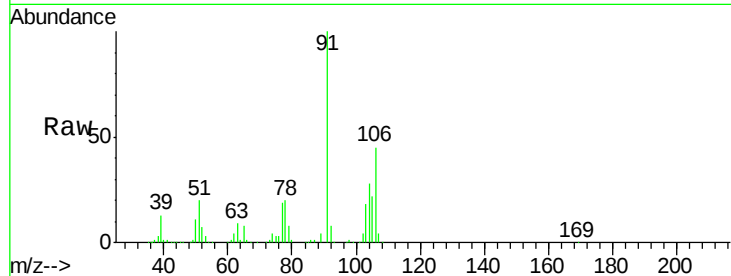
#69
o-Xylene
Concen: 19.943 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion:106 Resp: 69275
Ion Ratio Lower Upper
106 100
91 221.5 112.3 336.8

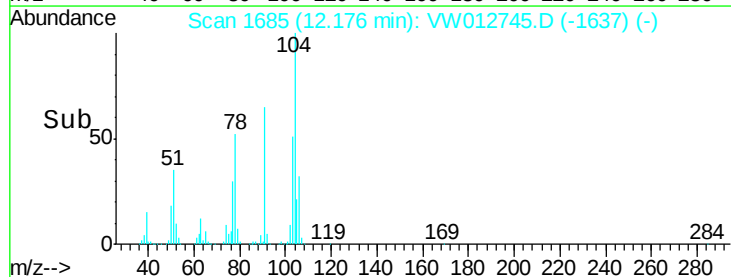
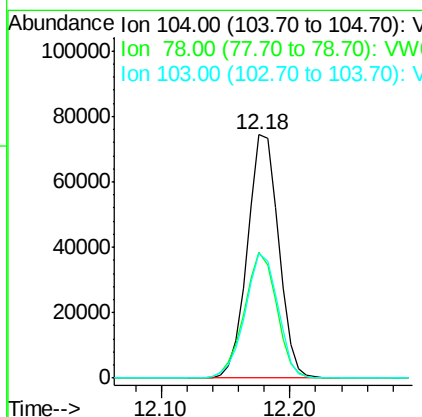
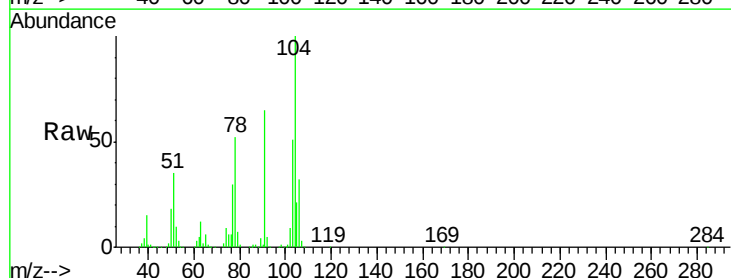
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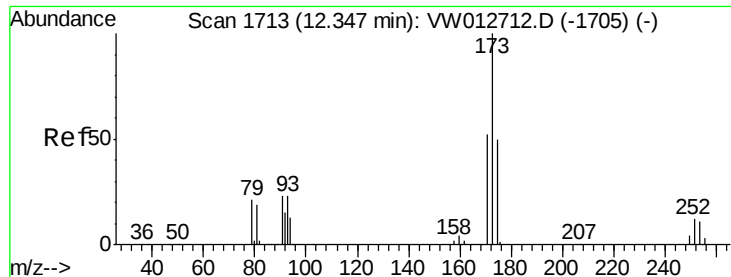
MMDadoda
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#70
Styrene
Concen: 20.212 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion:104 Resp: 124061
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.6 44.0 66.0





#71

Bromoform

Concen: 20.218 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

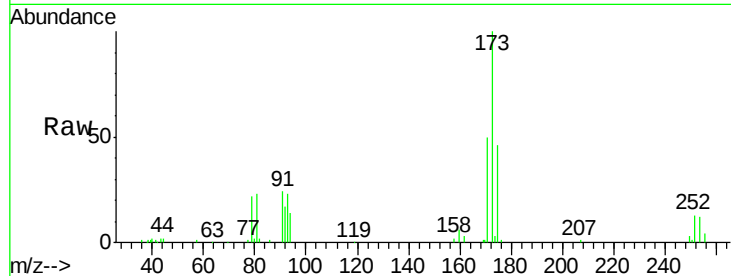
ClientSampleId :

VW0907SBS02

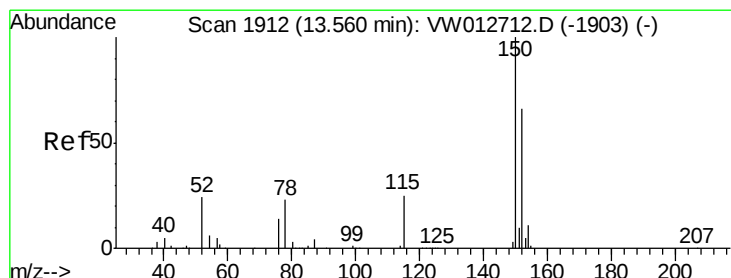
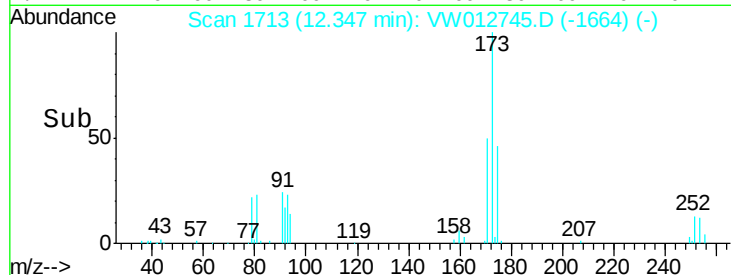
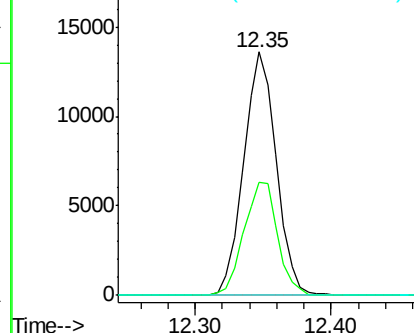
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	48.0	24.8	74.3		
254	0.0	0.1	0.1#		

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

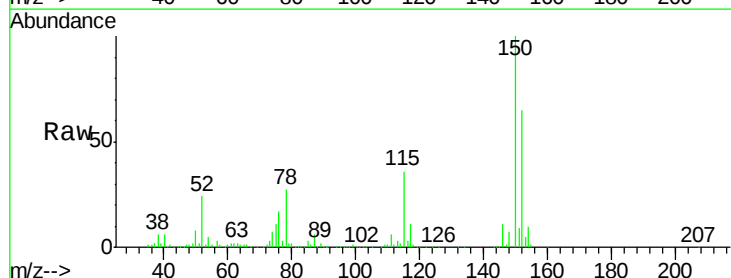
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

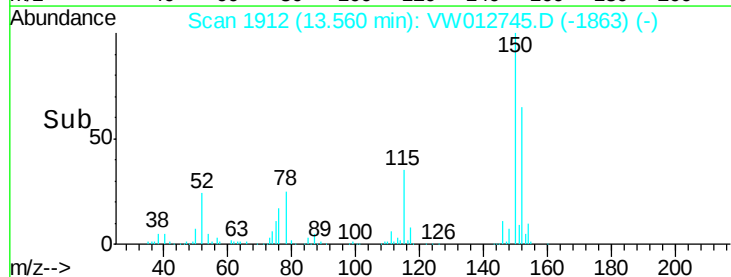
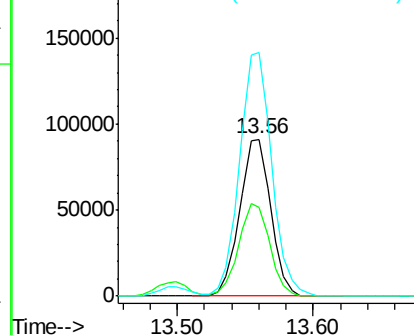
Lab File: VW012745.D

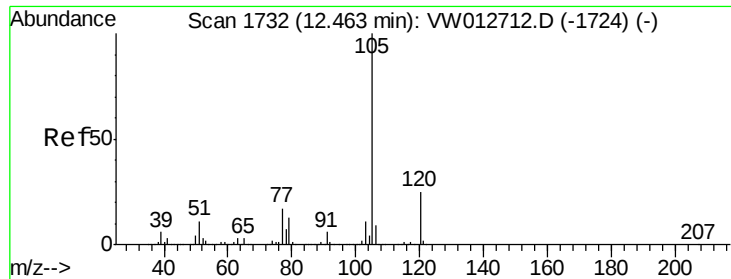
Acq: 08 Sep 2019 04:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	58.6	30.0	90.1		
150	160.5	0.0	349.0		



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





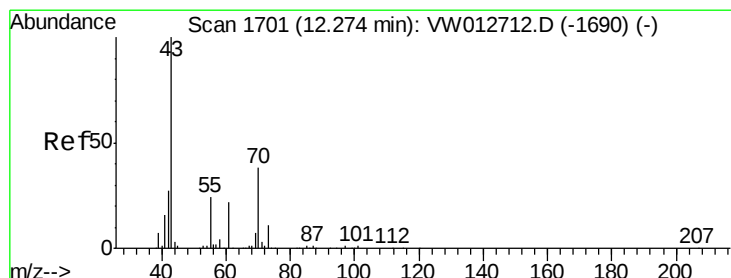
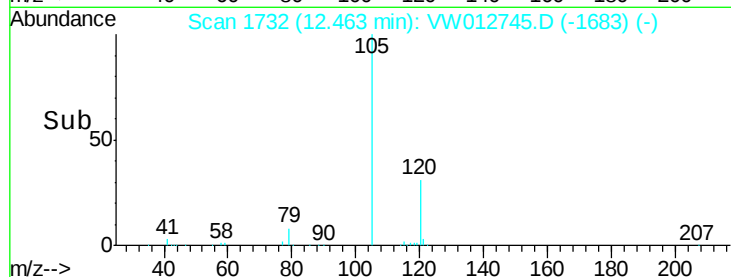
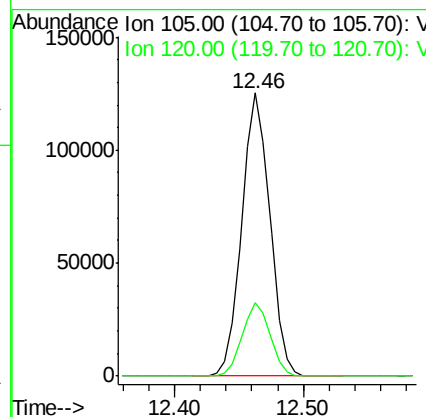
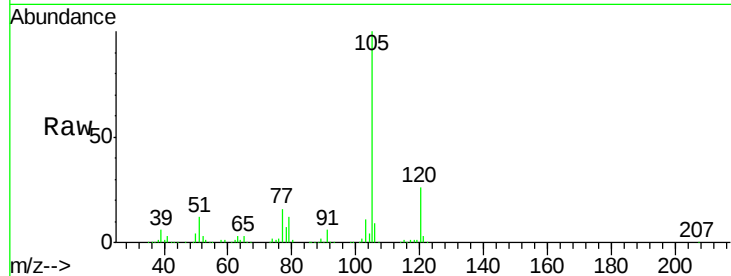
#73
Isopropylbenzene
Concen: 18.094 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	188703		
120	25.8	13.0	38.9	

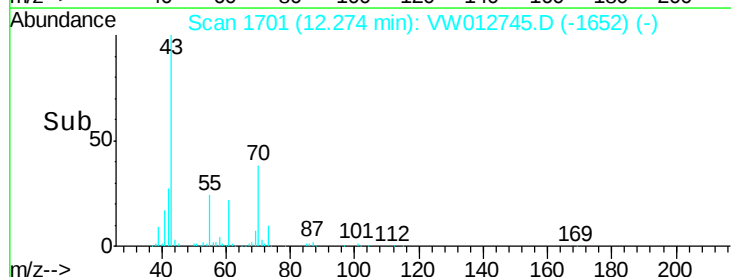
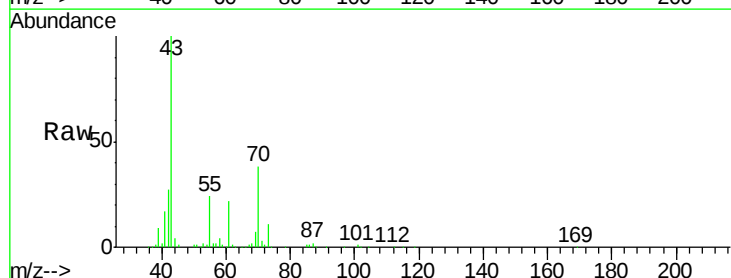
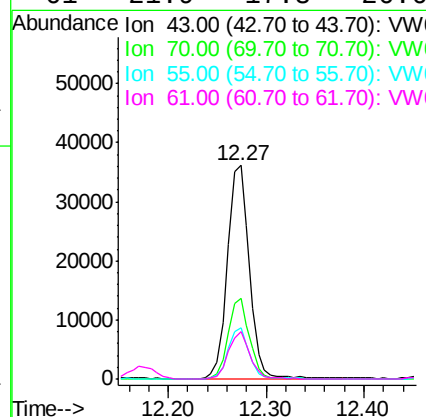
Manual Integrations
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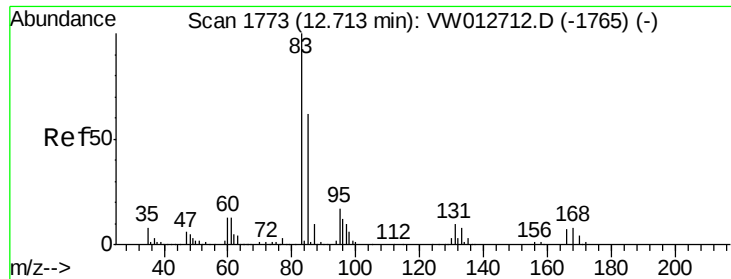
MMDadoda
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#74
N-ethyl acetate
Concen: 17.105 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	56622		
70	36.3	29.4	44.0	
55	23.2	18.6	27.8	
61	21.9	17.8	26.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 17.475 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

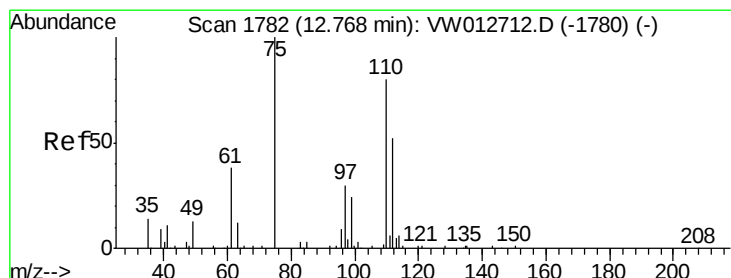
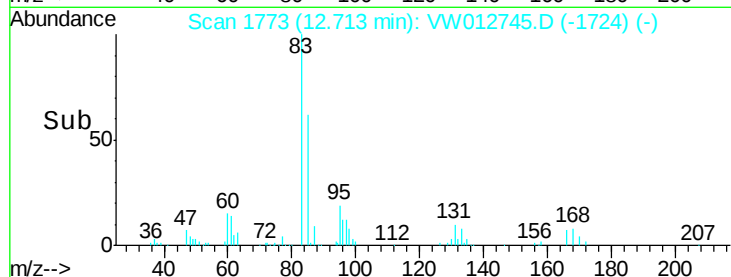
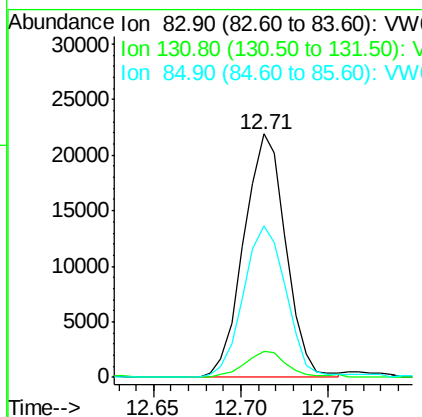
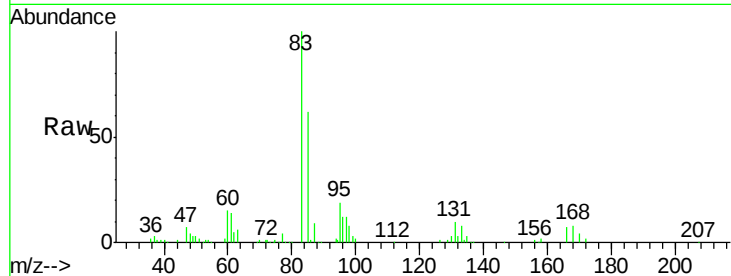
ClientSampleId :

VW0907SBSD02

Tot Ion:	83	Resp:	36600
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.1	15.4
85	63.1	31.4	94.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.964 ug/l m

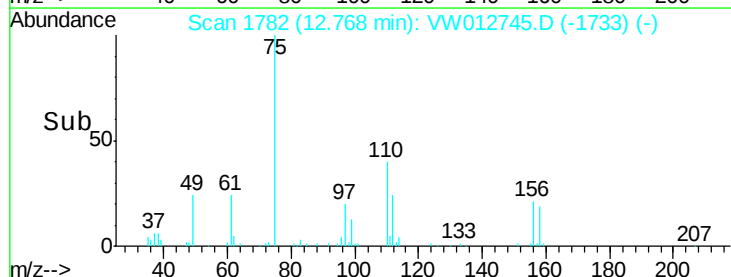
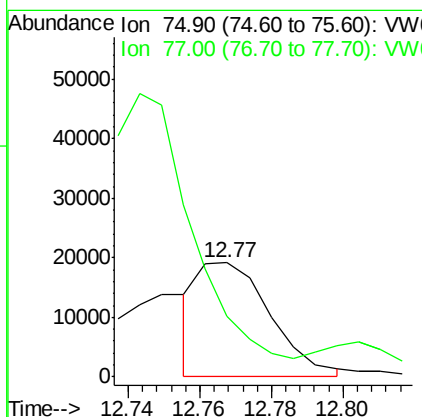
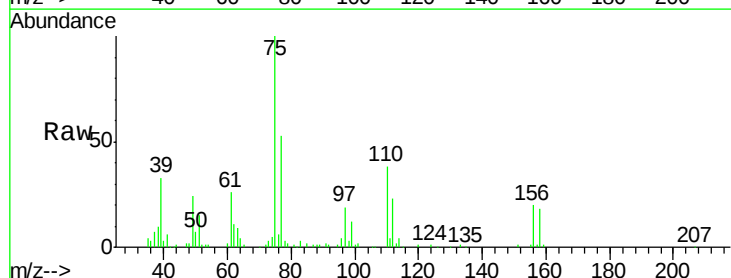
RT: 12.77 min Scan# 1782

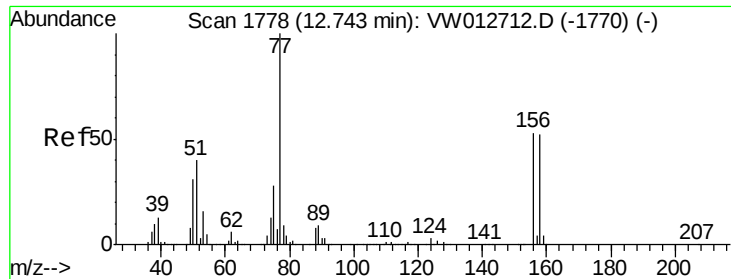
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion:	75	Resp:	26710
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.105 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

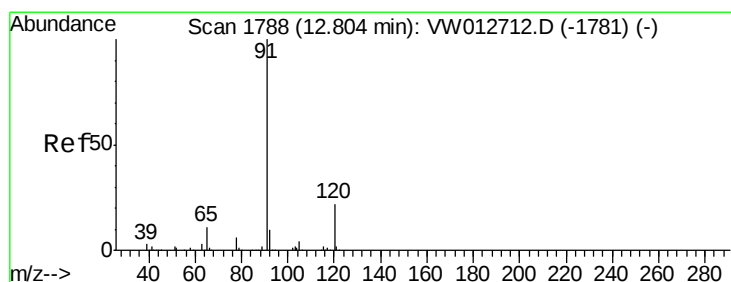
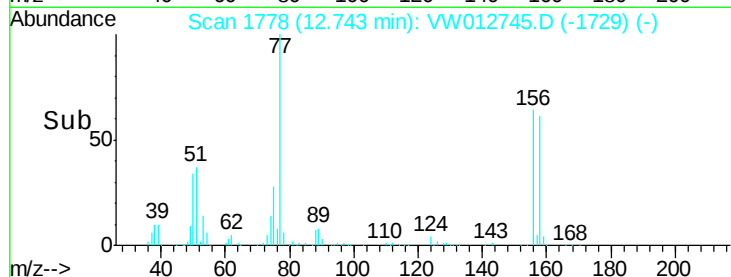
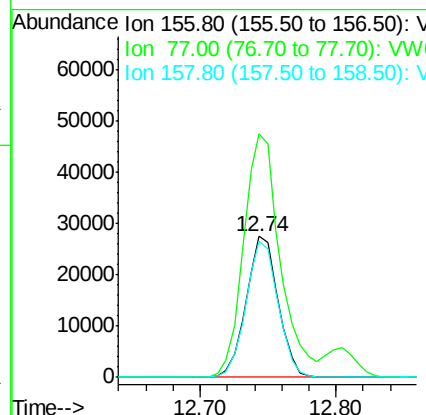
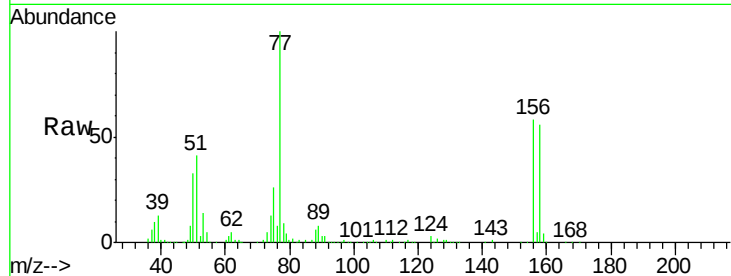
ClientSampleId :

VW0907SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.0	102.3	306.9
158	96.9	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 17.398 ug/l

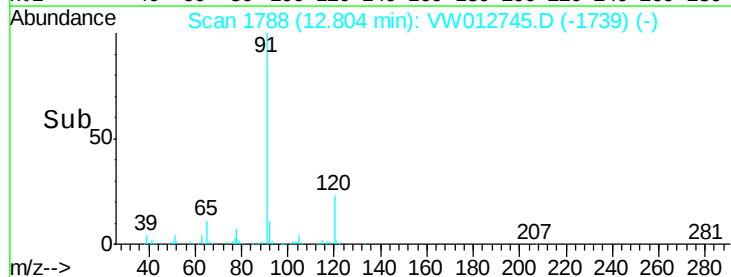
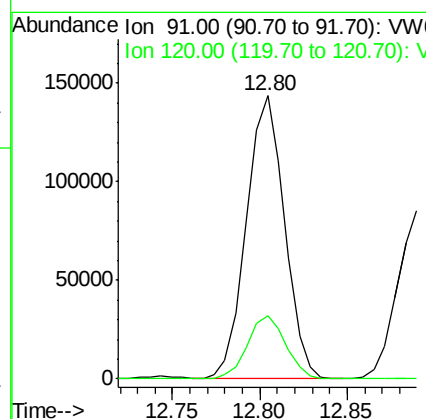
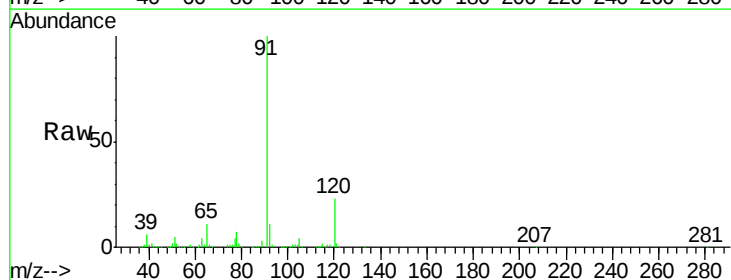
RT: 12.80 min Scan# 1788

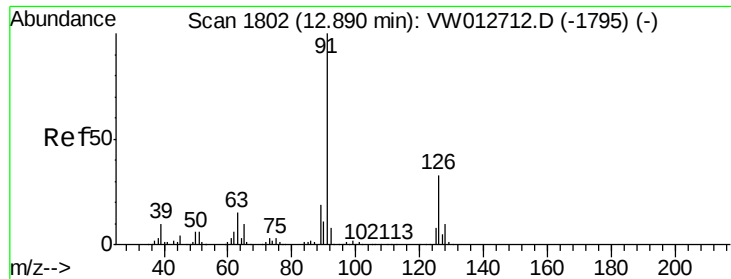
Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0





#79

2-Chlorotoluene

Concen: 18.879 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 91 Resp: 135181

Ion Ratio Lower Upper

91 100

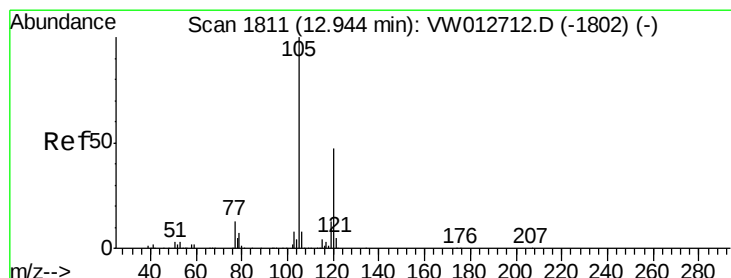
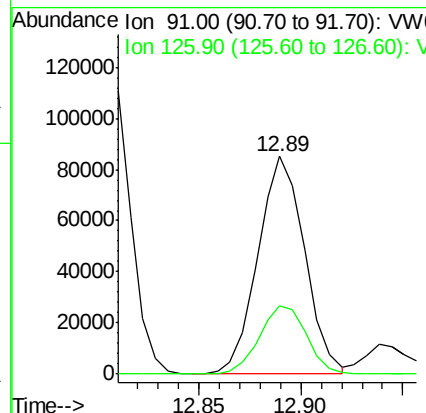
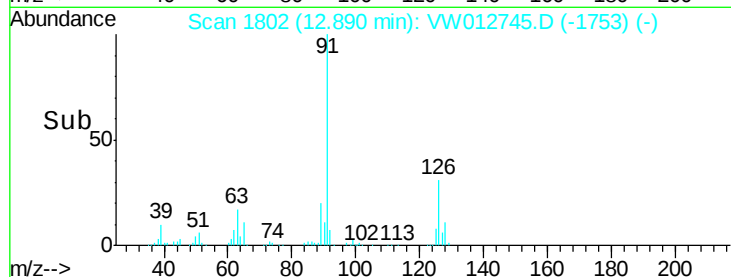
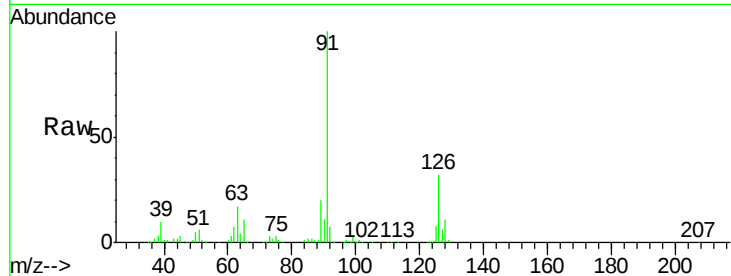
126 32.1 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.491 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012745.D

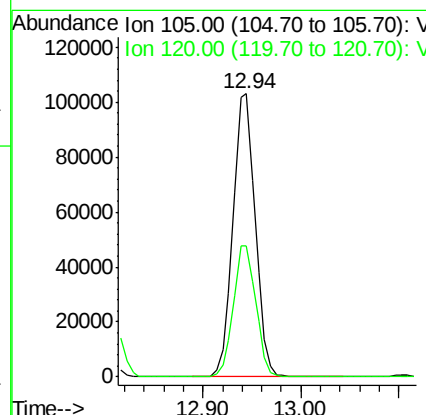
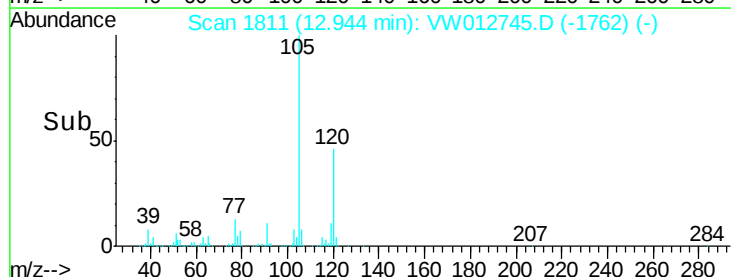
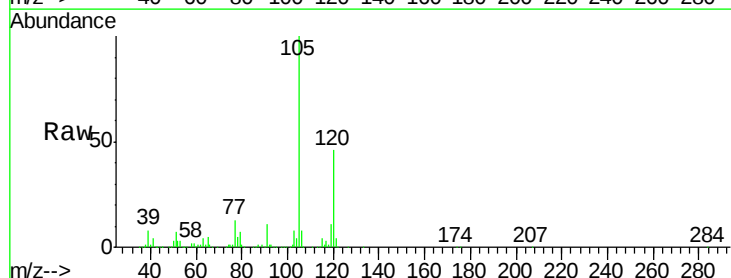
Acq: 08 Sep 2019 04:06

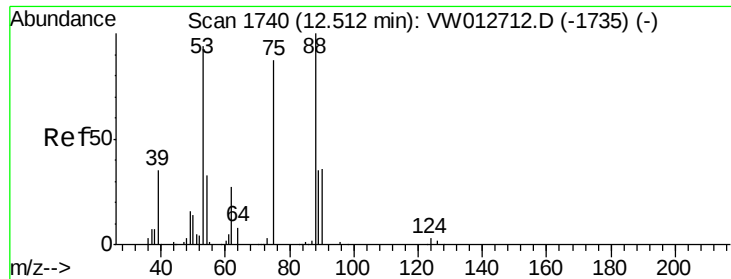
Tgt Ion:105 Resp: 162500

Ion Ratio Lower Upper

105 100

120 46.8 23.9 71.8





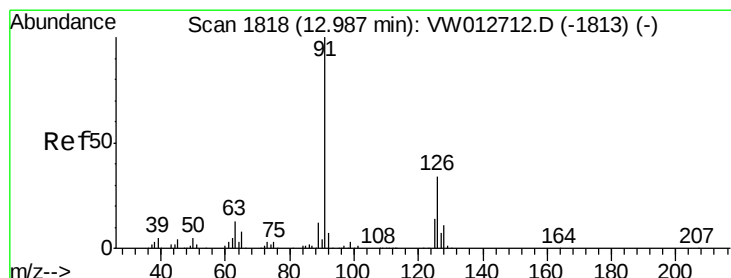
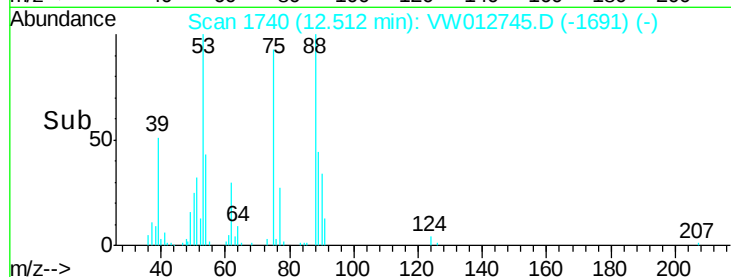
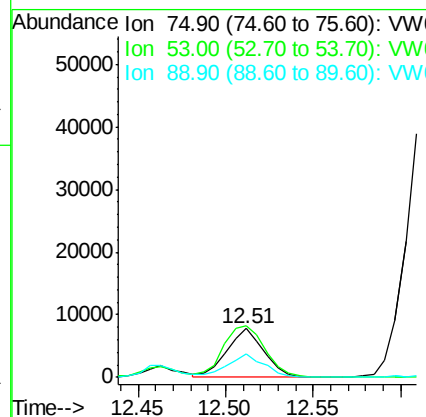
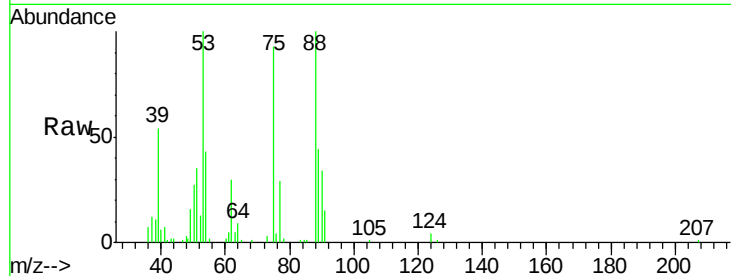
#81
trans-1,4-Dichloro-2-butene
Concen: 16.355 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.9	87.6	131.4
89	45.1	35.5	53.3

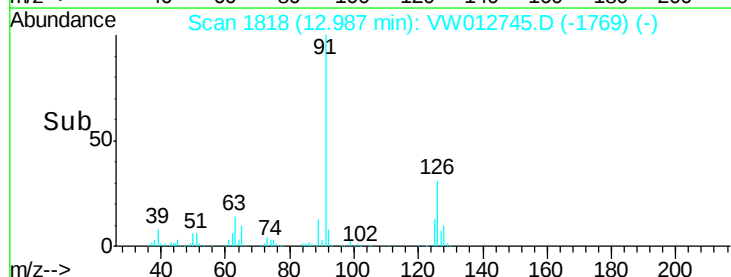
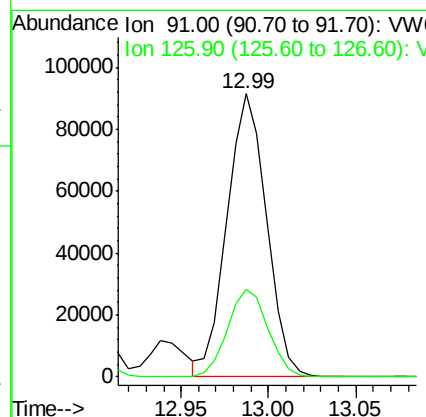
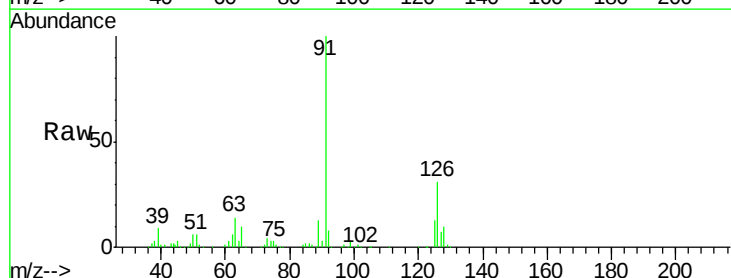
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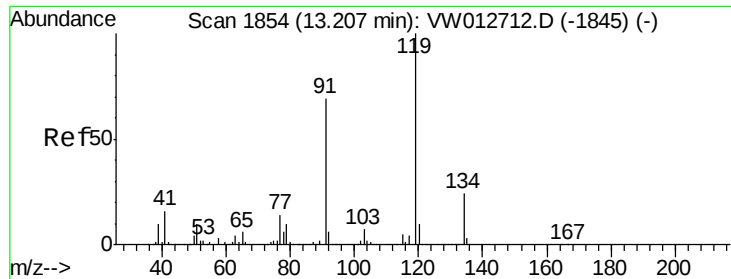
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.872 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.6





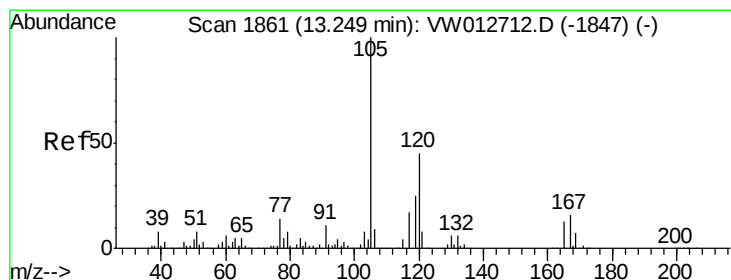
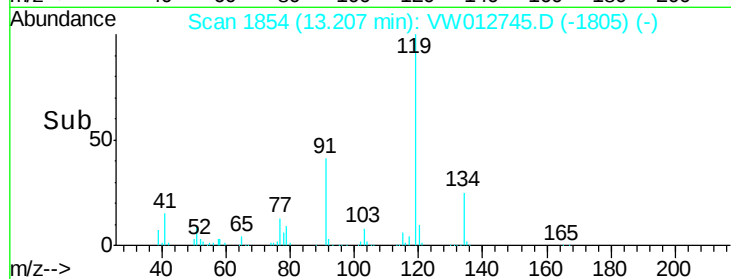
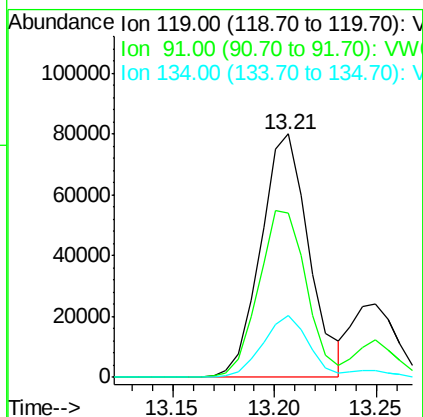
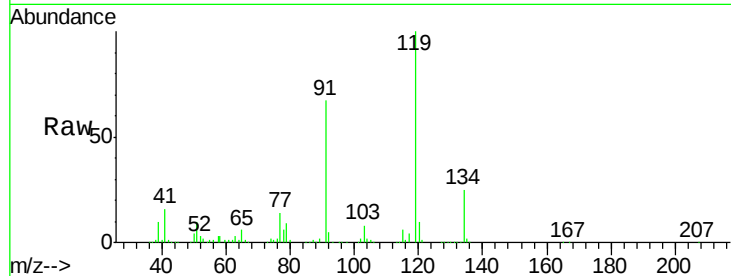
#83
tert-Butylbenzene
Concen: 16.977 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	34.2	102.5
134	24.6	12.3	36.9

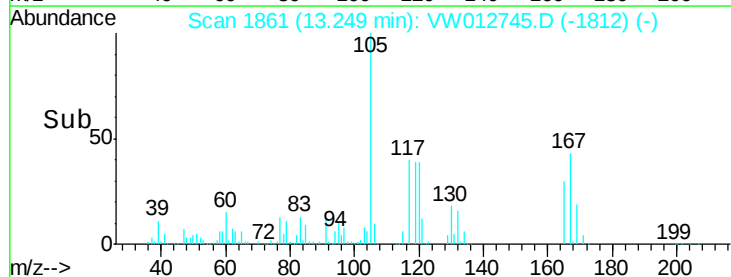
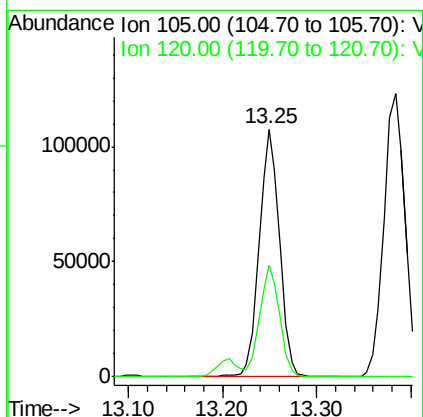
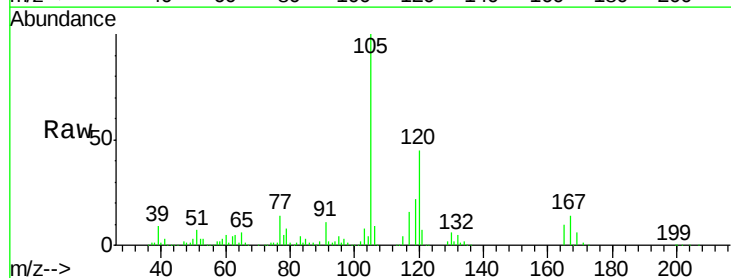
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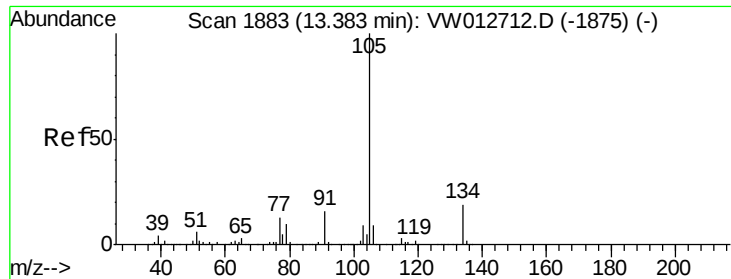
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.510 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.3





#85

sec-Butylbenzene

Concen: 17.793 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion:105 Resp: 191852

Ion Ratio Lower Upper

105 100

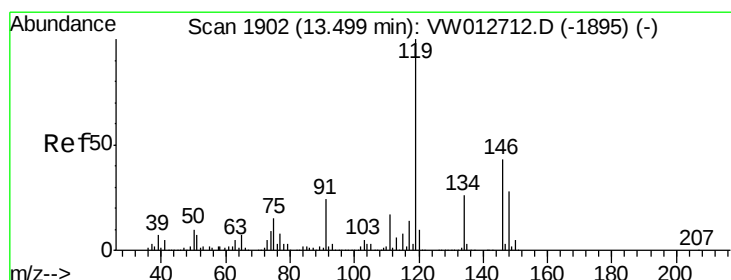
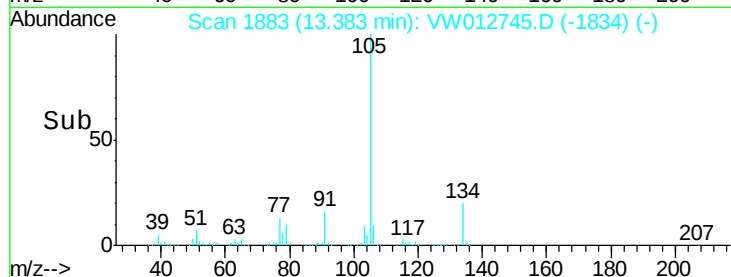
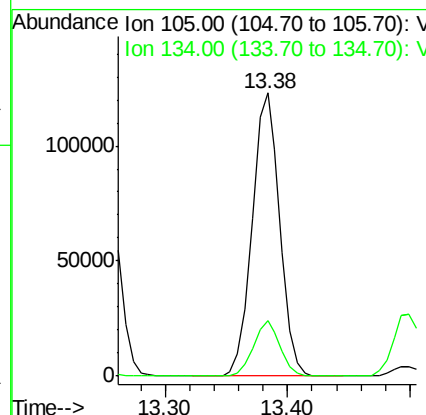
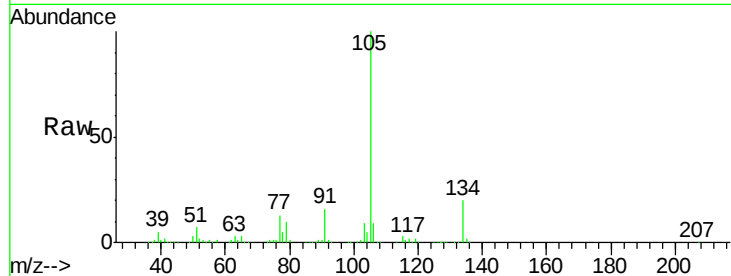
134 19.0 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.043 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012745.D

Acq: 08 Sep 2019 04:06

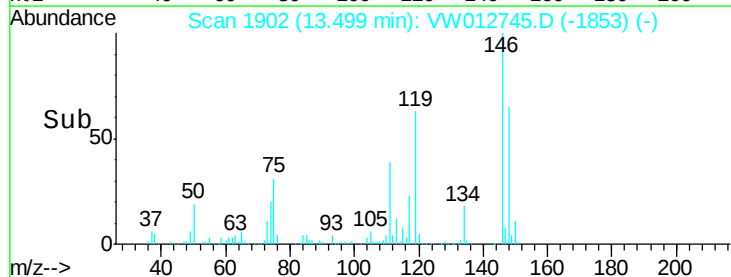
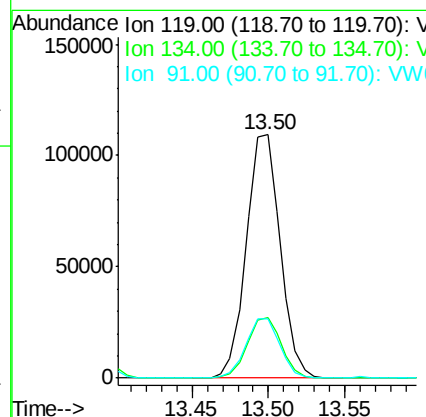
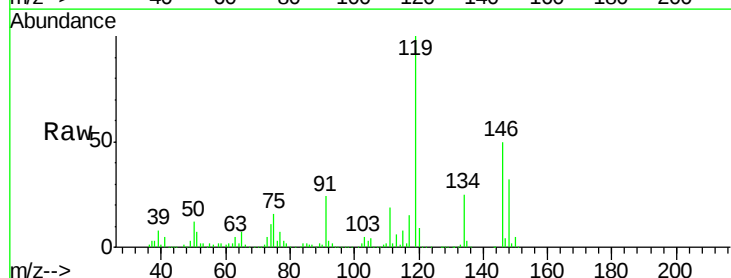
Tgt Ion:119 Resp: 167853

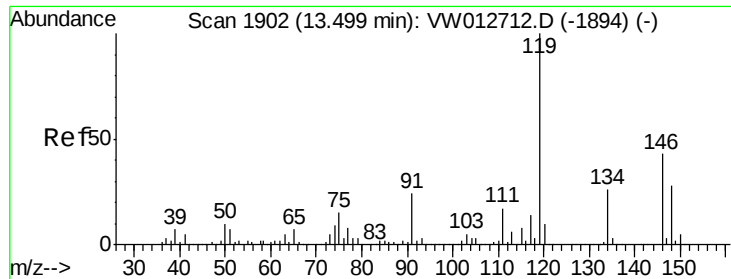
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 24.7 12.2 36.6





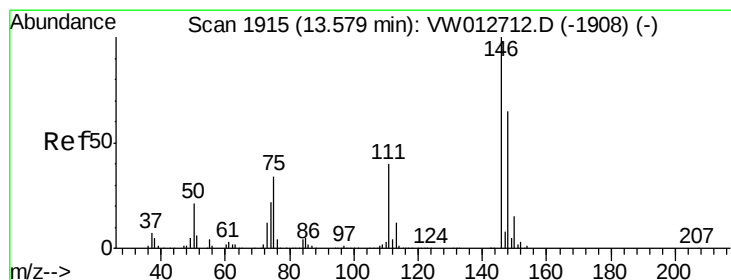
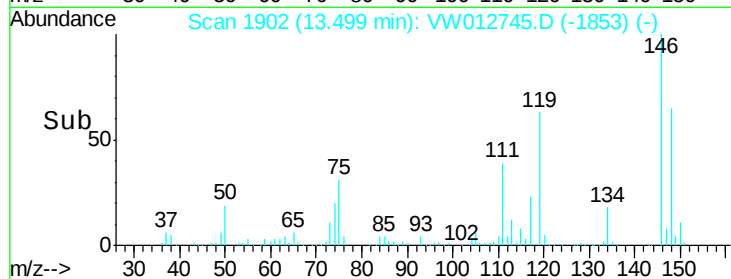
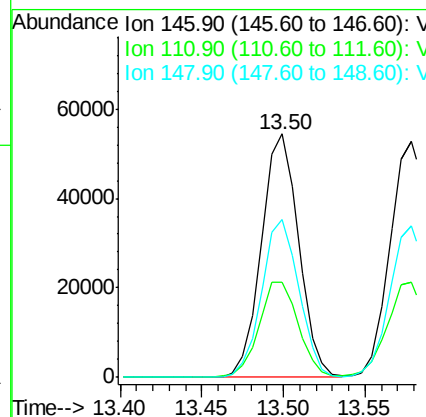
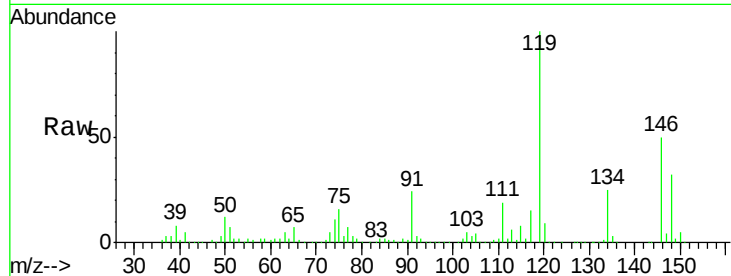
#87
 1,3-Dichlorobenzene
 Concen: 18.554 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	65.0	31.8	95.4

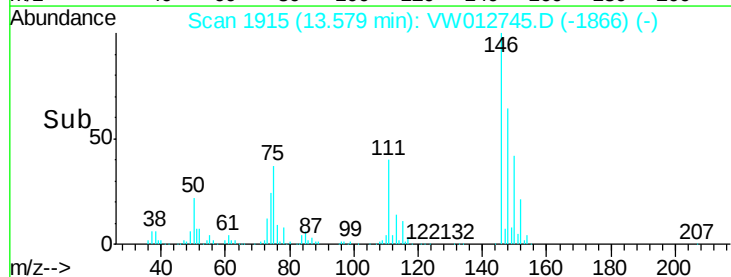
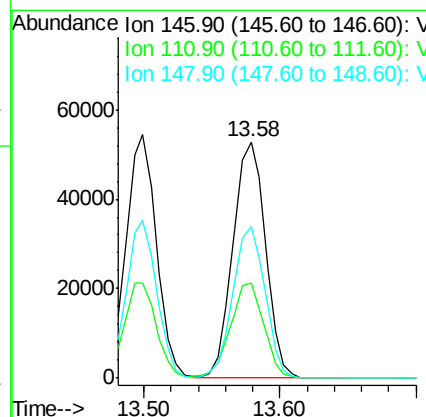
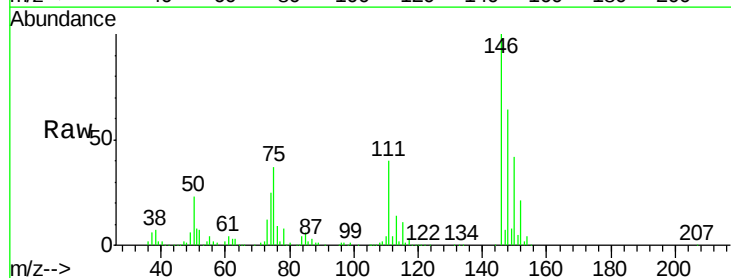
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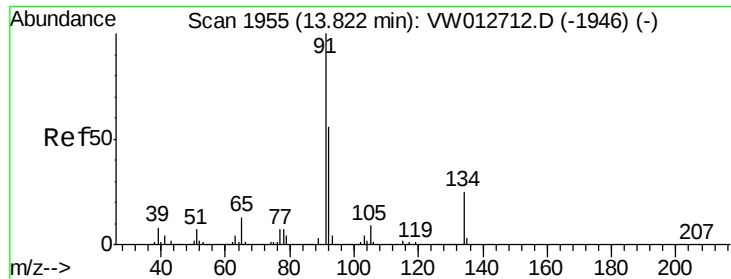
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#88
 1,4-Dichlorobenzene
 Concen: 19.025 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	64.1	32.2	96.6





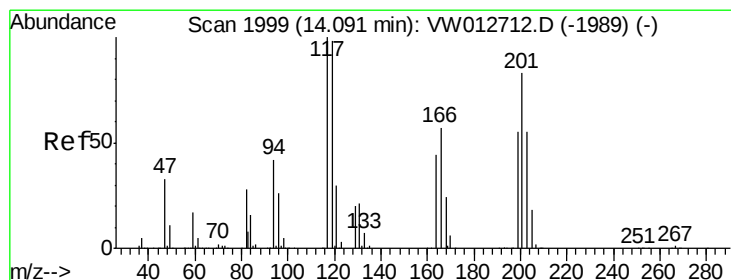
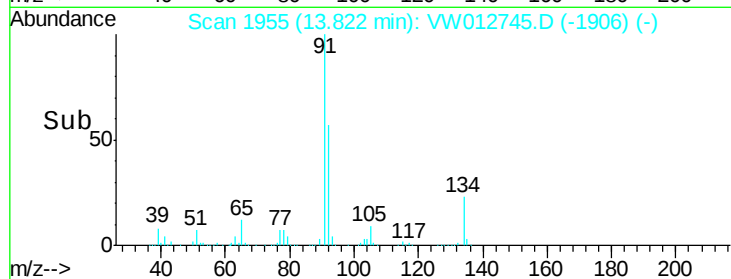
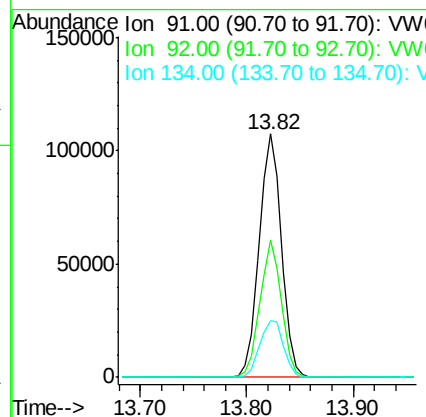
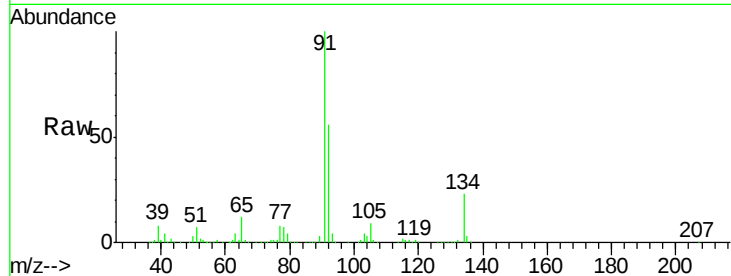
#89
n-Butylbenzene
Concen: 16.564 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	158379		
92	54.1	27.2	81.5	
134	24.9	12.7	38.1	

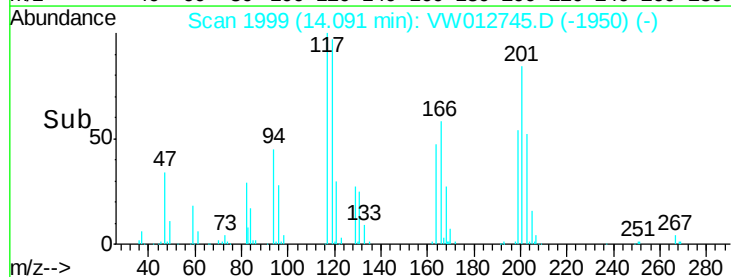
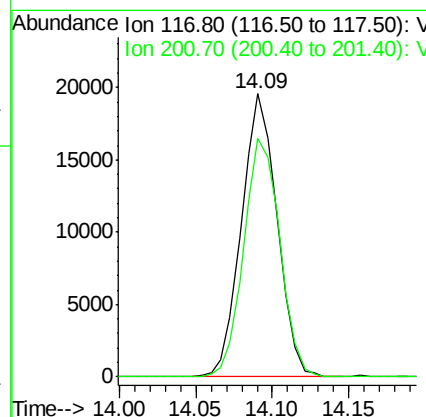
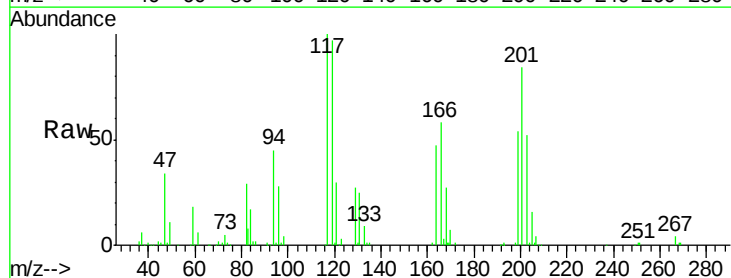
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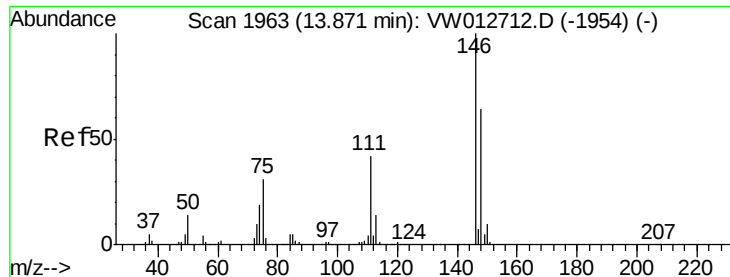
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#90
Hexachloroethane
Concen: 18.410 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31654		
201	85.3	42.8	128.4	





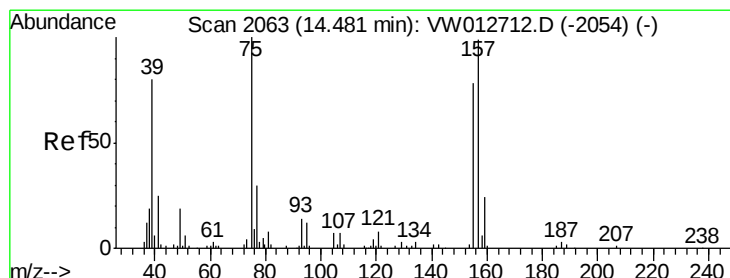
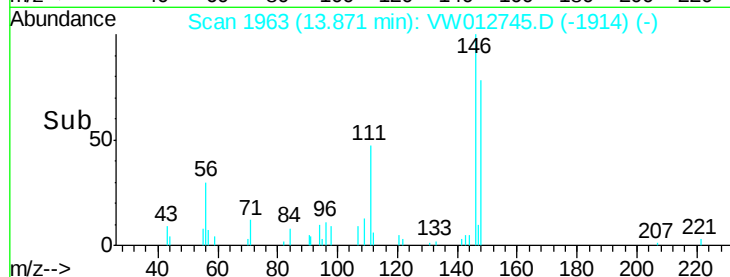
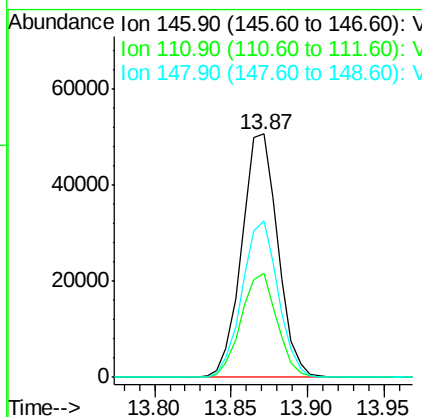
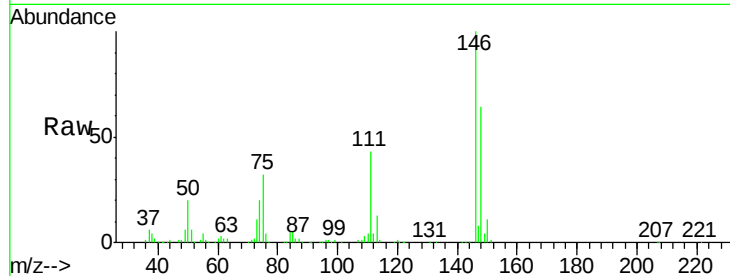
#91
 1,2-Dichlorobenzene
 Concen: 19.864 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.9
148	64.1	32.1	96.5

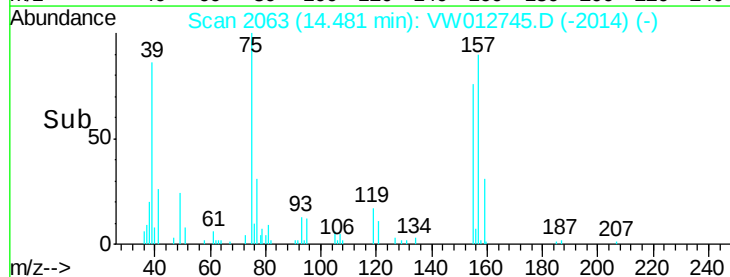
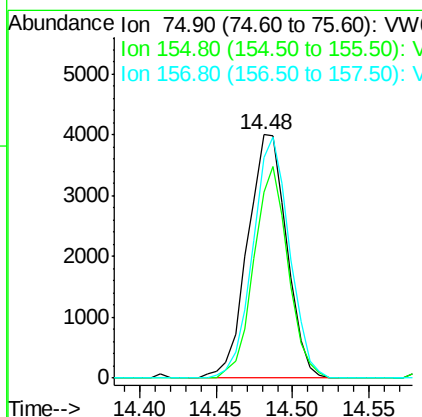
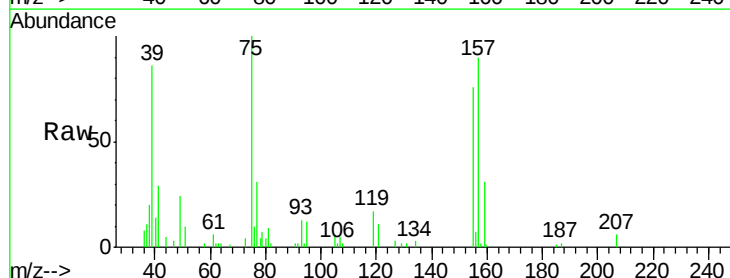
Manual Integrations
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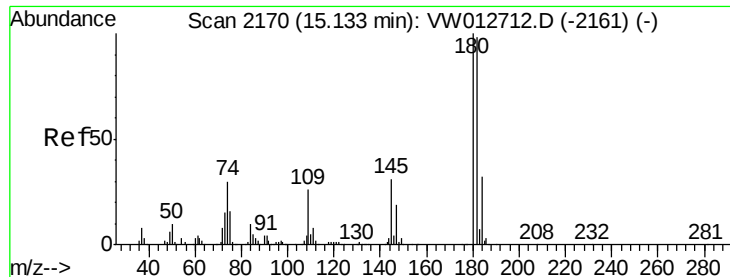
MMDadoda
 9/10/2019 1:03:22 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.552 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	40.6	122.0
157	93.0	52.5	157.5





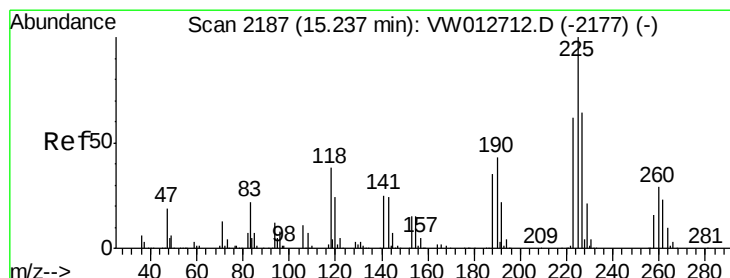
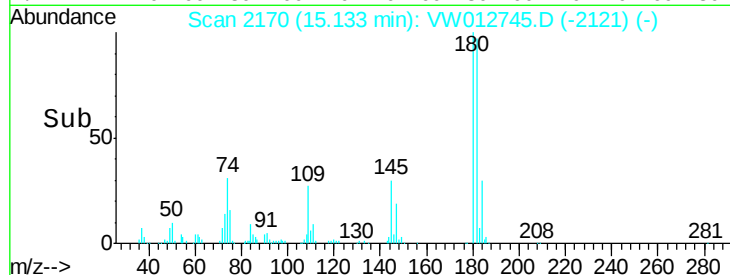
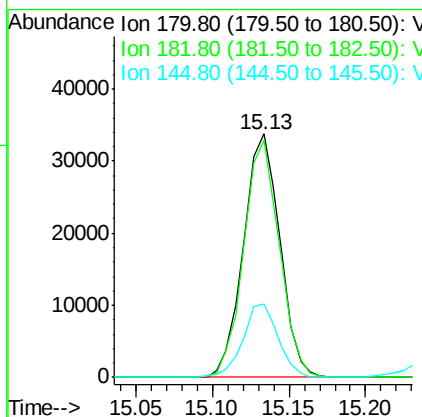
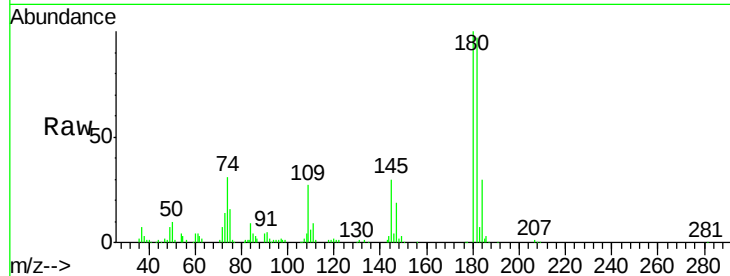
#93
 1,2,4-Trichlorobenzene
 Concen: 19.212 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55913		
182	95.5	48.7	146.1	
145	29.4	15.0	45.1	

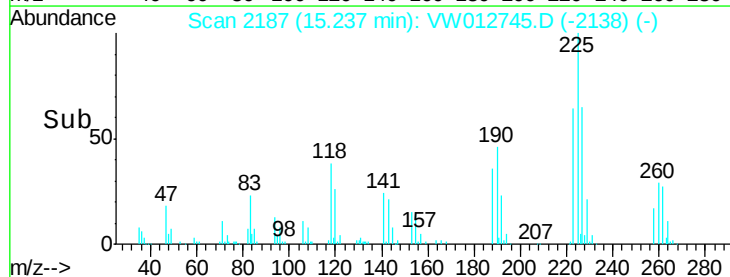
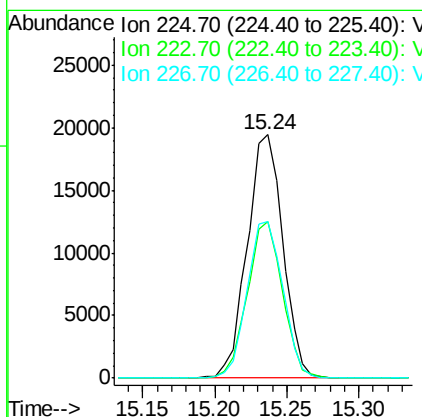
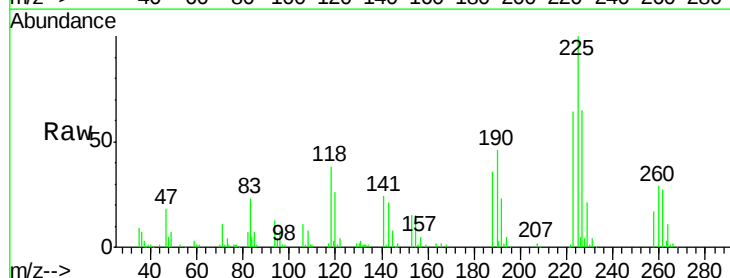
Manual Integrations
 APPROVED

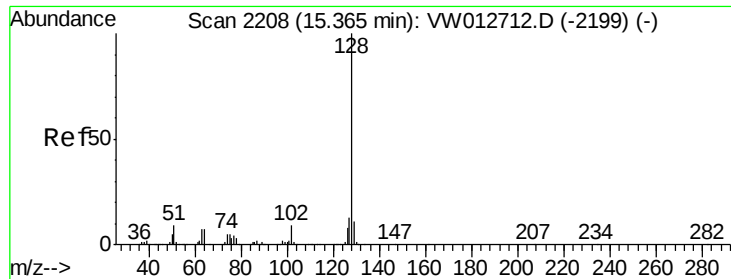
MMDadoda
 9/10/2019 1:03:22 PM



#94
 Hexachlorobutadiene
 Concen: 16.463 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012745.D
 Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33163		
223	63.3	31.1	93.3	
227	64.5	31.4	94.2	





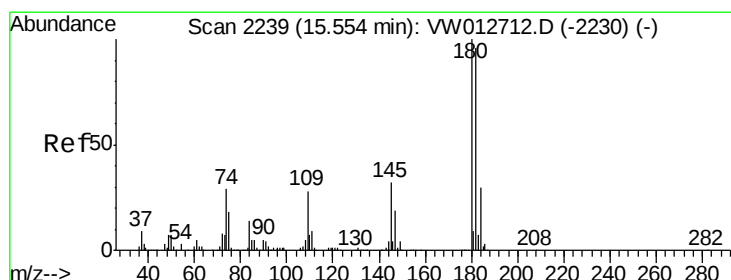
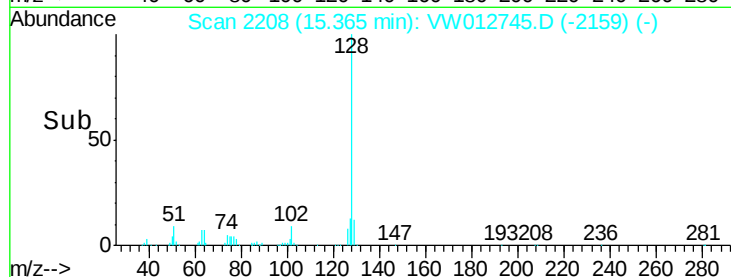
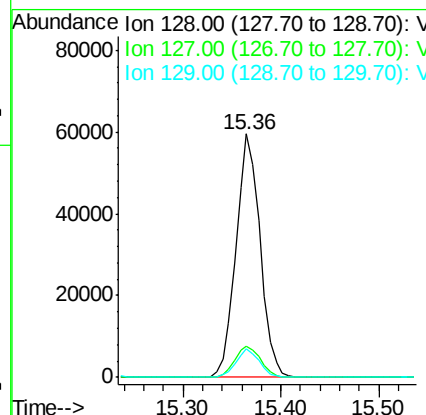
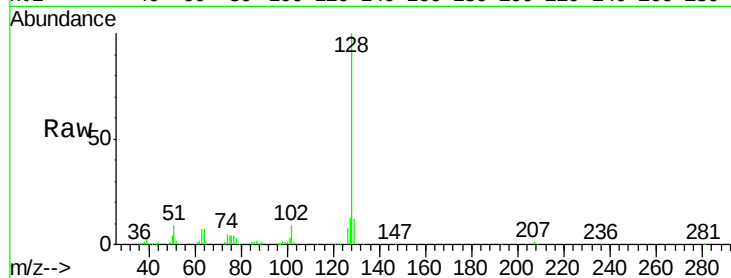
#95
Naphthalene
Concen: 19.623 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.5	10.7	16.1	
129	11.2	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/10/2019 1:03:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.976 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012745.D
Acq: 08 Sep 2019 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.8	143.3	
145	32.8	15.4	46.2	

