

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102419\
 Data File : VW013735.D
 Acq On : 25 Oct 2019 01:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 10/25/2019 4:47:12 PM

Quant Time: Oct 25 08:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	198080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	132682	59.62	ug/l	0.00
Spiked Amount			Recovery	=	119.24%	
35) Dibromofluoromethane	7.88	113	135593	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	
50) Toluene-d8	10.32	98	540516	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.62	95	186967	55.71	ug/l	0.00
Spiked Amount			Recovery	=	111.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	64890	41.518	ug/l	97
3) Chloromethane	2.21	50	74713	44.480	ug/l	99
4) Vinyl Chloride	2.37	62	120687	47.577	ug/l	98
5) Bromomethane	2.78	94	82601	49.512	ug/l	99
6) Chloroethane	2.93	64	73935	48.168	ug/l	99
7) Trichlorofluoromethane	3.26	101	58886	37.165	ug/l	99
8) Diethyl Ether	3.68	74	66304	51.796	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120628	46.832	ug/l	99
10) Methyl Iodide	4.28	142	216413	51.560	ug/l	99
11) Tert butyl alcohol	5.17	59	34145	257.006	ug/l	100
12) 1,1-Dichloroethene	4.04	96	129693	48.745	ug/l	99
13) Acrolein	3.89	56	36848	242.088	ug/l	96
14) Allyl chloride	4.67	41	200489	49.005	ug/l	100
15) Acrylonitrile	5.37	53	142390	273.558	ug/l	98
16) Acetone	4.12	43	110129	233.387	ug/l	98
17) Carbon Disulfide	4.38	76	372943	48.807	ug/l	98
18) Methyl Acetate	4.67	43	75697	58.520	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	166805	52.244	ug/l	99
20) Methylene Chloride	4.92	84	148318	57.877	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	144815	50.570	ug/l	99
22) Diisopropyl ether	6.31	45	396130	53.081	ug/l	95
23) Vinyl Acetate	6.25	43	1105704	255.348	ug/l	100
24) 1,1-Dichloroethane	6.21	63	242792	51.370	ug/l	99
25) 2-Butanone	7.17	43	174508	257.232	ug/l	95
26) 2,2-Dichloropropane	7.16	77	119234	43.627	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	156622	51.493	ug/l	99
28) Bromochloromethane	7.51	49	92685	54.906	ug/l #	99
29) Tetrahydrofuran	7.53	42	114118	271.707	ug/l	100
30) Chloroform	7.68	83	240960	51.573	ug/l	100
31) Cyclohexane	7.95	56	217188	43.910	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	182202	49.695	ug/l	99
36) 1,1-Dichloropropene	8.08	75	189972	46.601	ug/l	100
37) Ethyl Acetate	7.25	43	79627	51.026	ug/l	98
38) Carbon Tetrachloride	8.07	117	174690	47.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	233093	44.276	ug/l	98
40) Benzene	8.32	78	560977	48.625	ug/l	99
41) Methacrylonitrile	7.48	41	49172	50.530	ug/l	98
42) 1,2-Dichloroethane	8.40	62	151171	51.999	ug/l	99
43) Isopropyl Acetate	8.42	43	151824	50.827	ug/l	99
44) Trichloroethene	9.09	130	159113	48.148	ug/l	96
45) 1,2-Dichloropropane	9.37	63	138903	50.407	ug/l	100
46) Dibromomethane	9.46	93	69068	51.641	ug/l	100
47) Bromodichloromethane	9.64	83	177285	51.229	ug/l	99
48) Methyl methacrylate	9.43	41	72024	48.623	ug/l	92
49) 1,4-Dioxane	9.44	88	18727	947.542	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	379772	255.857	ug/l	99
52) Toluene	10.38	92	364075	48.924	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	175335	50.049	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	214394	49.603	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101849	51.096	ug/l	98
56) Ethyl methacrylate	10.65	69	131329	52.661	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175960	51.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	298056	259.686	ug/l	100
59) 2-Hexanone	10.96	43	260139	254.221	ug/l	99
60) Dibromochloromethane	11.13	129	122007	51.553	ug/l	99
61) 1,2-Dibromoethane	11.23	107	96250	51.040	ug/l	98
64) Tetrachloroethene	10.86	164	145561	50.495	ug/l	98
65) Chlorobenzene	11.66	112	382191	49.295	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	138050	51.019	ug/l	99
67) Ethyl Benzene	11.73	91	679906	48.633	ug/l	98
68) m/p-Xylenes	11.84	106	518968	96.081	ug/l	99
69) o-Xylene	12.16	106	249517	50.258	ug/l	99
70) Styrene	12.18	104	433727	50.846	ug/l	100
71) Bromoform	12.35	173	74791	52.670	ug/l #	97
73) Isopropylbenzene	12.46	105	672895	47.304	ug/l	100
74) N-amyl acetate	12.27	43	135832	49.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111657	49.742	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70013m	49.219	ug/l	
77) Bromobenzene	12.74	156	166518	49.003	ug/l	98
78) n-propylbenzene	12.80	91	788393	47.885	ug/l	99
79) 2-Chlorotoluene	12.89	91	449082	48.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	576807	48.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34977	46.469	ug/l	97
82) 4-Chlorotoluene	12.99	91	474820	48.882	ug/l	100
83) tert-Butylbenzene	13.21	119	508441	47.701	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	573986	48.457	ug/l	99
85) sec-Butylbenzene	13.38	105	685352	47.020	ug/l	100
86) p-Isopropyltoluene	13.50	119	647750	47.708	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	316560	48.081	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	319803	48.893	ug/l	99
89) n-Butylbenzene	13.82	91	568536	46.391	ug/l	100
90) Hexachloroethane	14.09	117	112061	47.484	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	283341	49.633	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17469	51.464	ug/l	95

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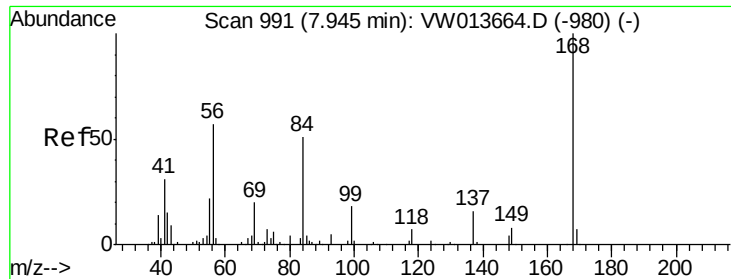
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	206772	49.770	ug/l	99
94) Hexachlorobutadiene	15.24	225	131467	46.874	ug/l	99
95) Naphthalene	15.36	128	344087	52.824	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	182361	50.940	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 296667

Ion Ratio Lower Upper

168 100

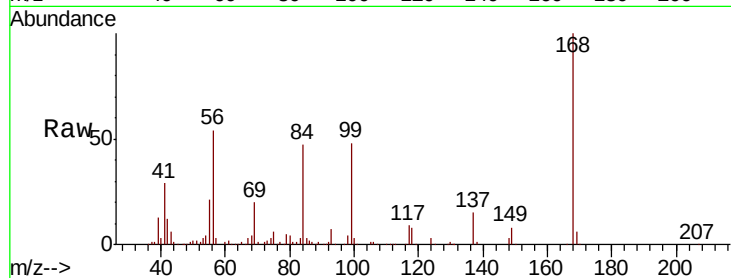
99 48.0 39.0 58.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

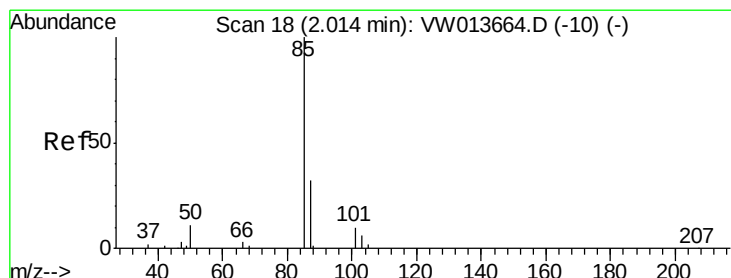
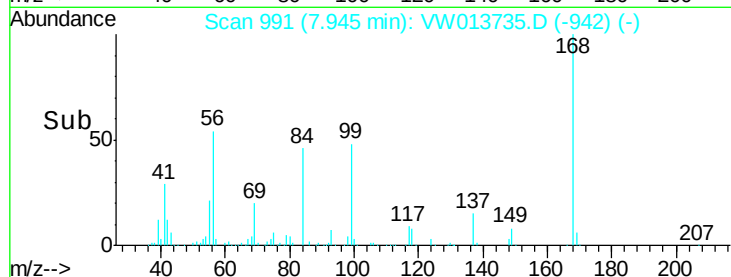
100000

50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 41.518 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013735.D

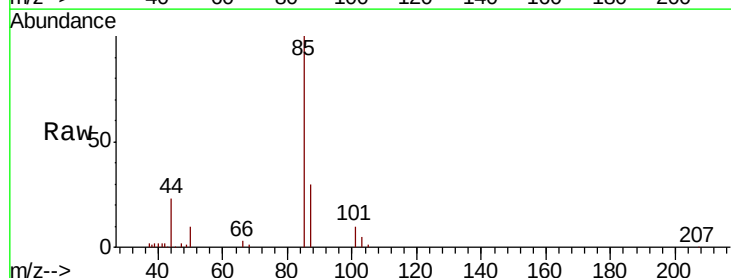
Acq: 25 Oct 2019 01:49

Tgt Ion: 85 Resp: 64890

Ion Ratio Lower Upper

85 100

87 30.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

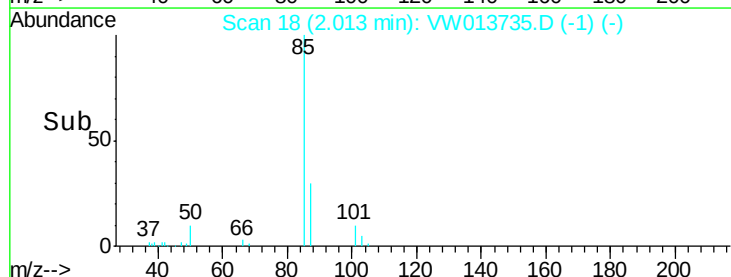
10000

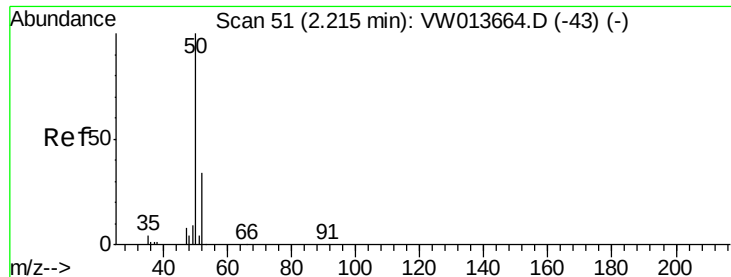
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 44.480 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 74713

Ion Ratio Lower Upper

50 100

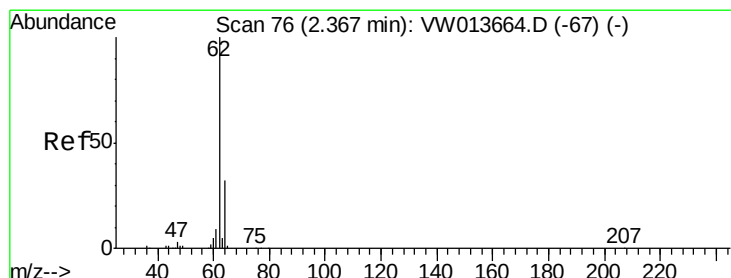
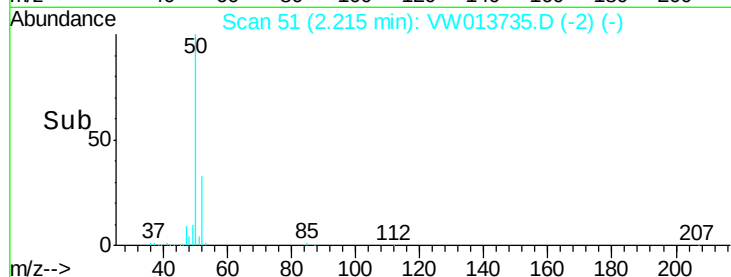
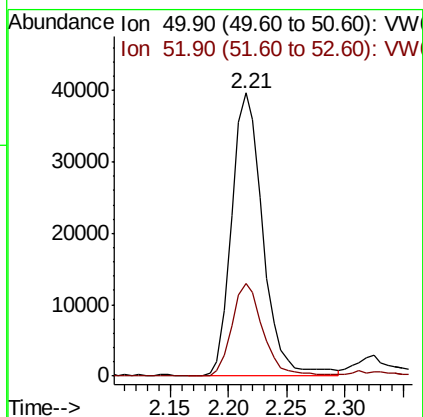
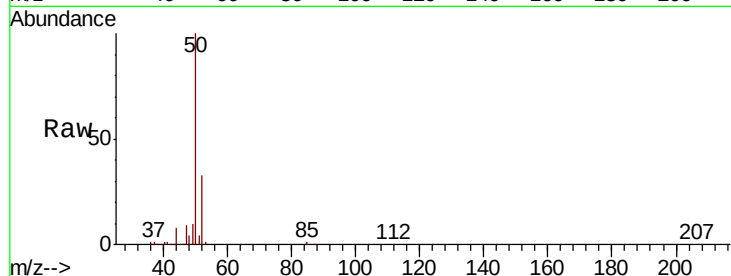
52 32.9 26.9 40.3

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#4

Vinyl Chloride

Concen: 47.577 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013735.D

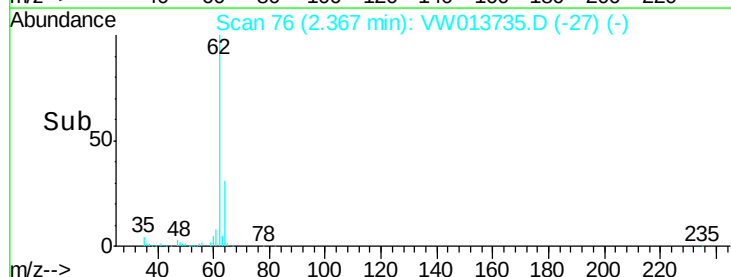
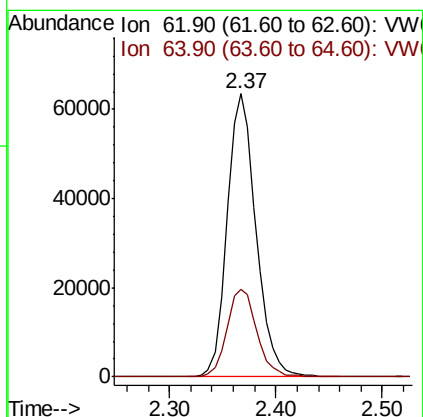
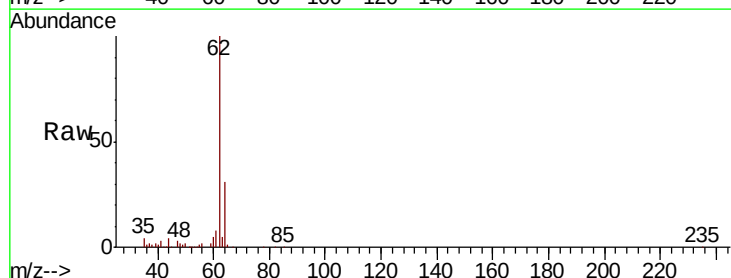
Acq: 25 Oct 2019 01:49

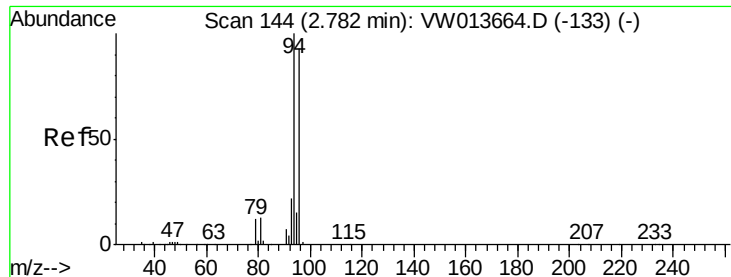
Tgt Ion: 62 Resp: 120687

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 49.512 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 82601

Ion Ratio Lower Upper

94 100

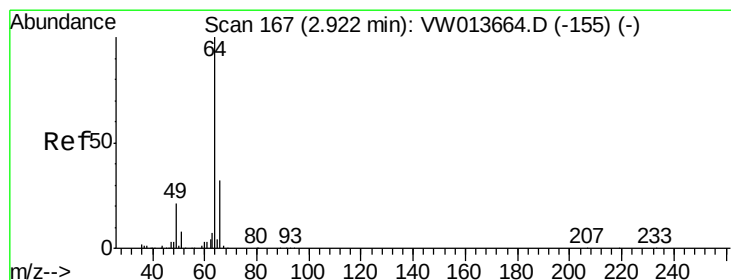
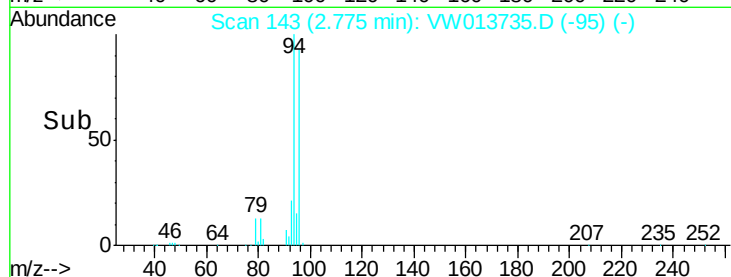
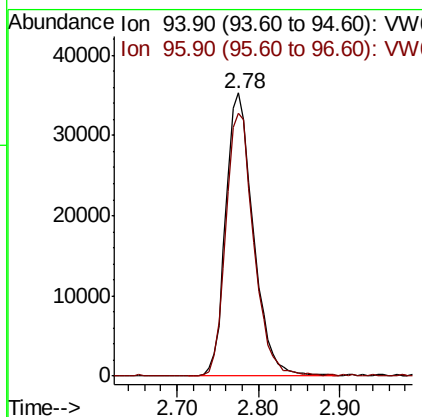
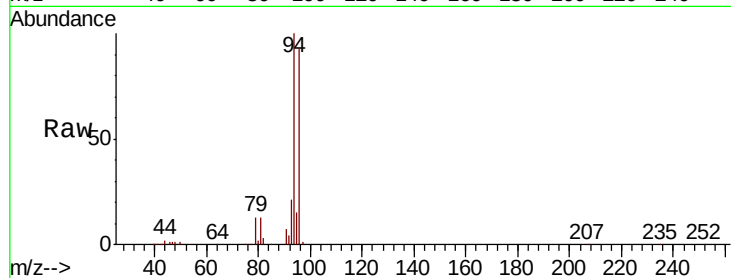
96 92.8 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 48.168 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013735.D

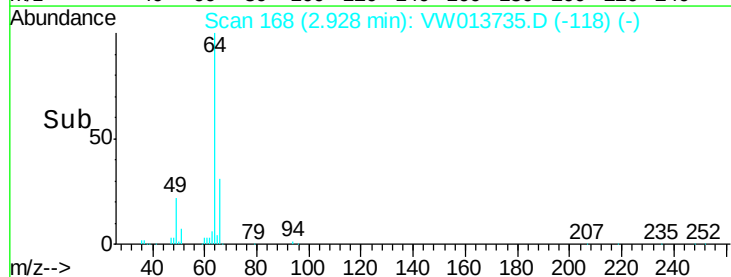
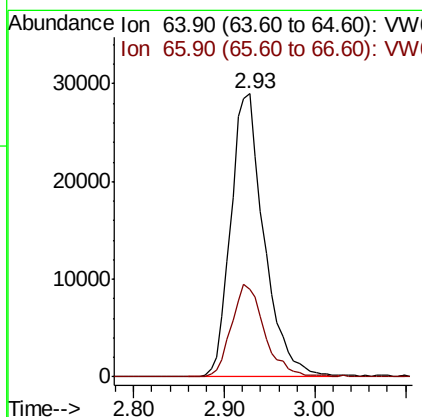
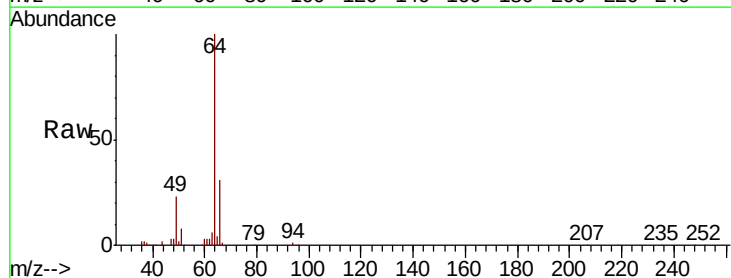
Acq: 25 Oct 2019 01:49

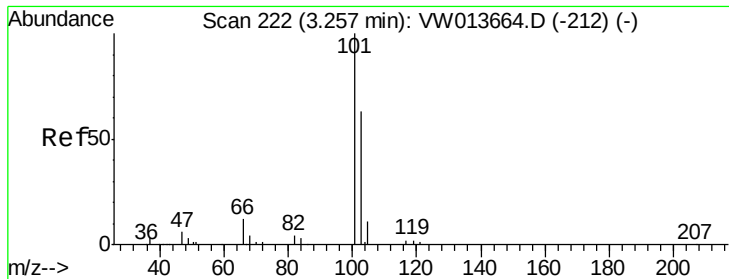
Tgt Ion: 64 Resp: 73935

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.0





#7

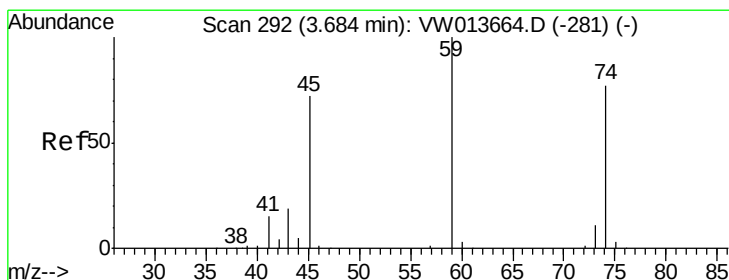
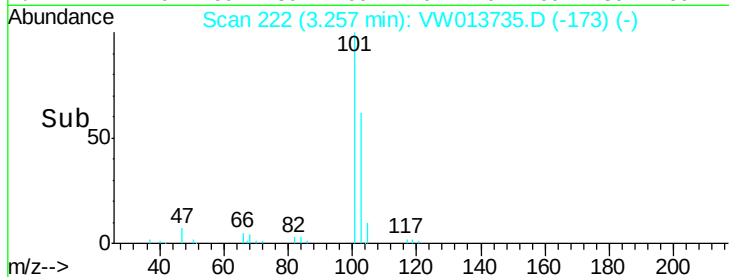
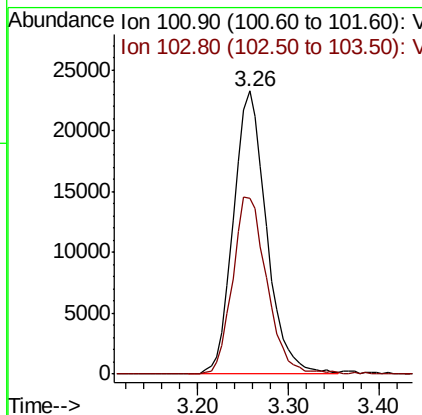
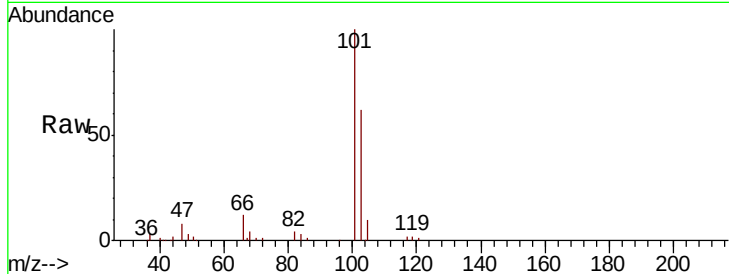
Trichlorofluoromethane
 Concen: 37.165 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	50.6	76.0

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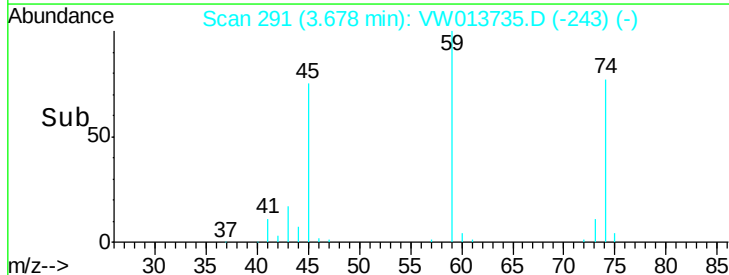
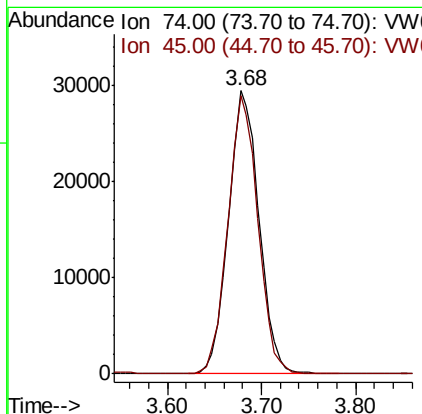
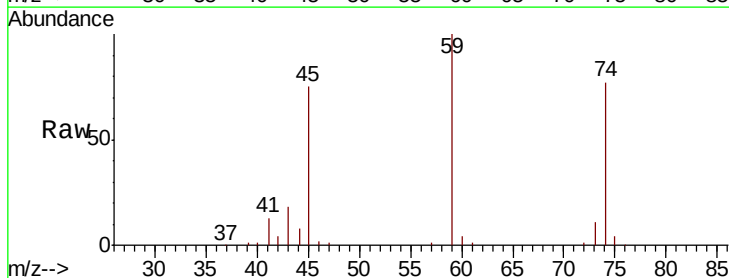
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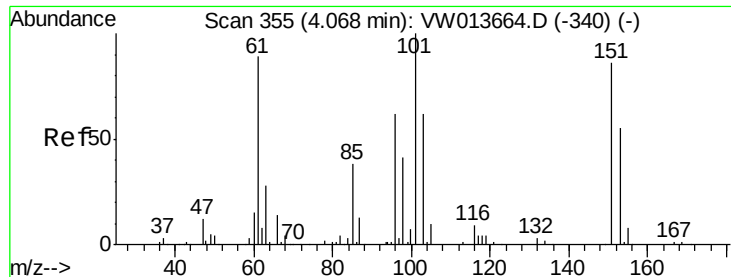


#8

Diethyl Ether
 Concen: 51.796 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.832 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

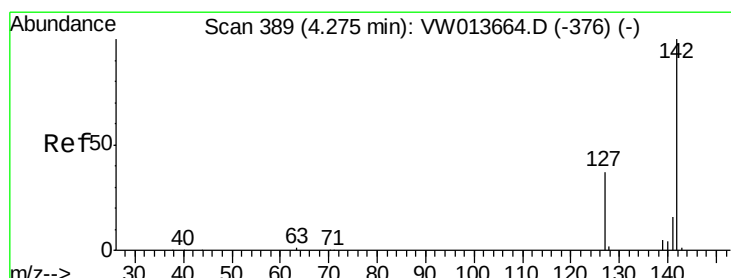
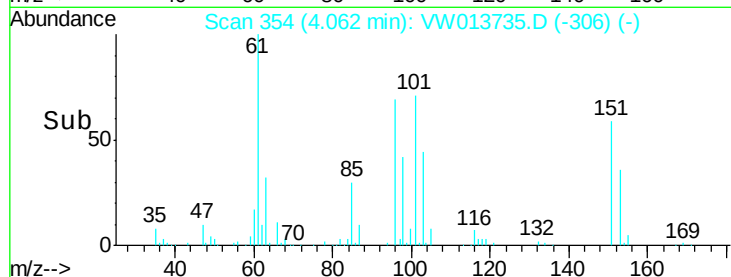
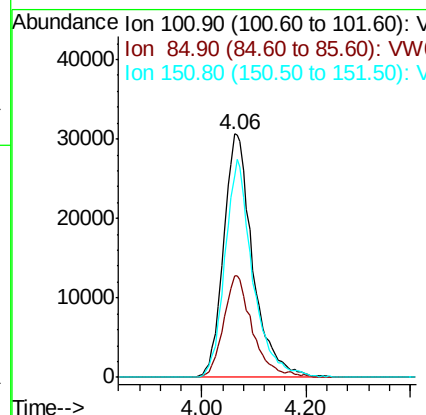
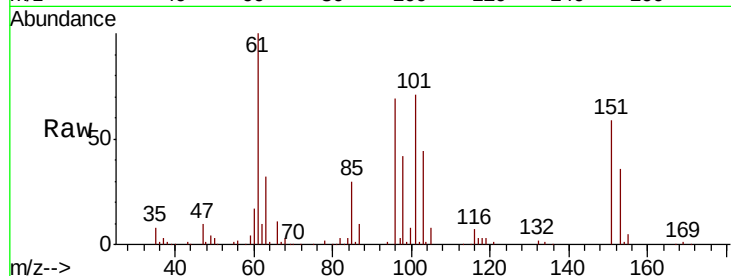
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	120628
Ion Ratio	Lower	Upper	
101	100		
85	41.2	31.0	46.6
151	85.4	68.2	102.4

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#10

Methyl Iodide

Concen: 51.560 ug/l

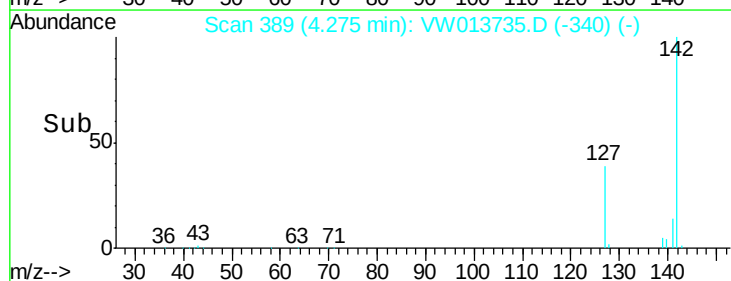
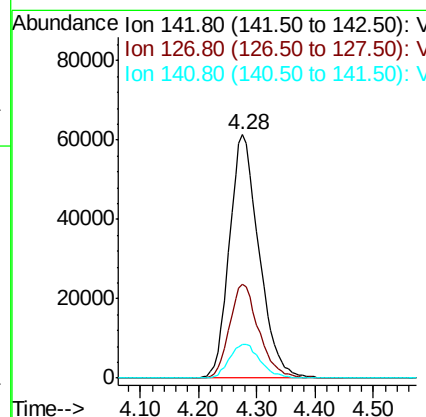
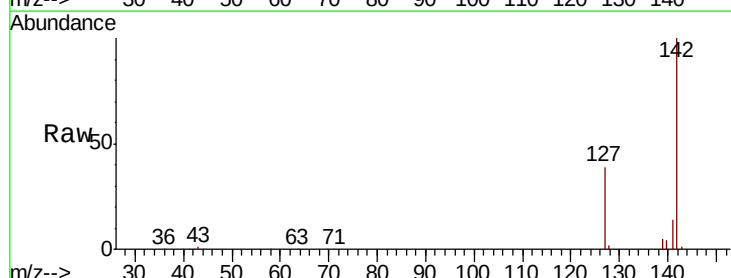
RT: 4.28 min Scan# 389

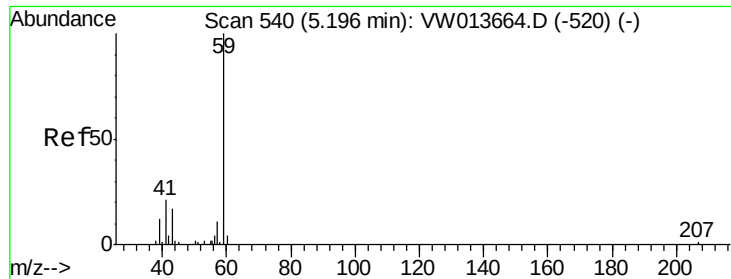
Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion:	142	Resp:	216413
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.3	45.5
141	14.4	11.8	17.8





#11

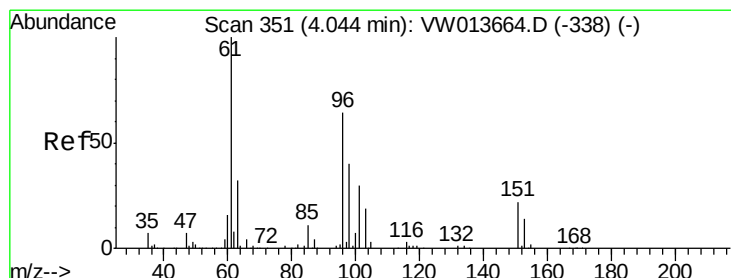
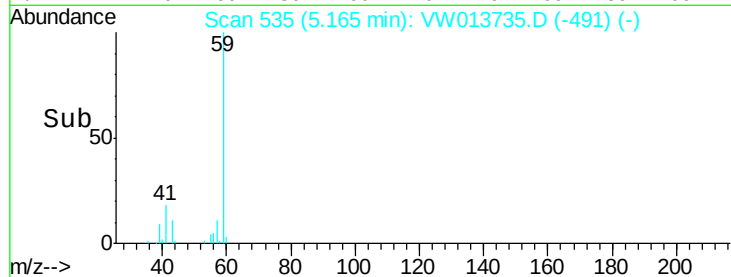
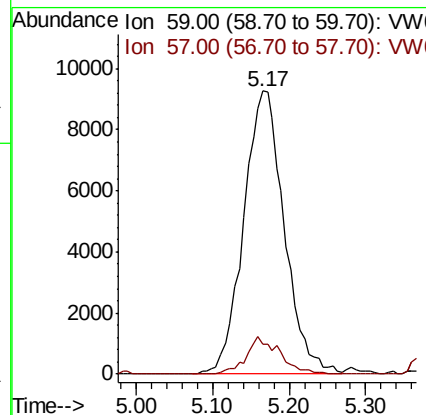
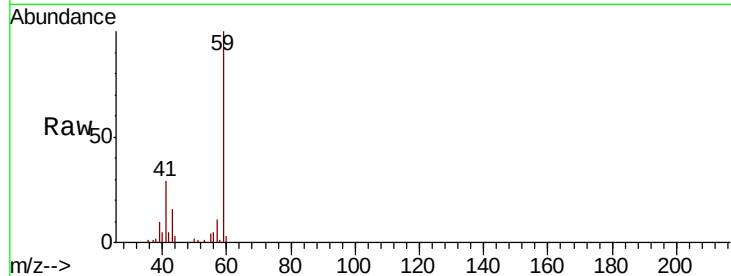
Tert butyl alcohol
Concen: 257.006 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.03 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2

Manual Integrations
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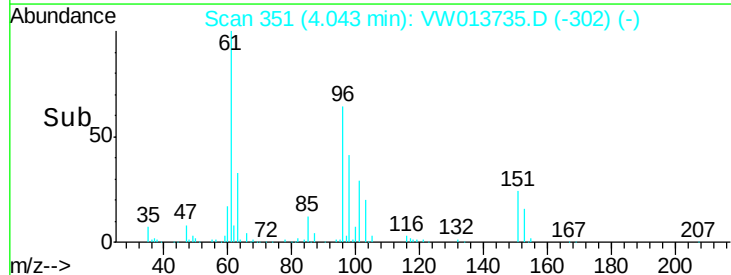
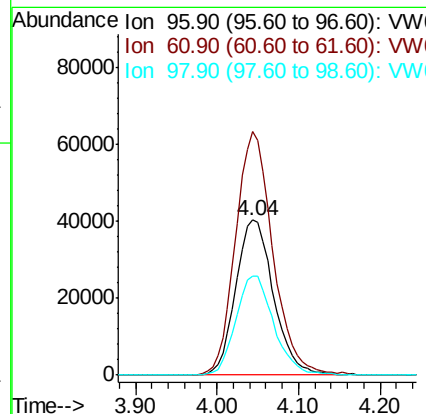
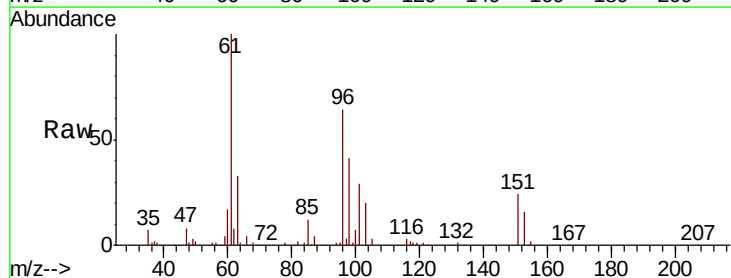
MMDadoda
10/25/2019 4:47:12 PM

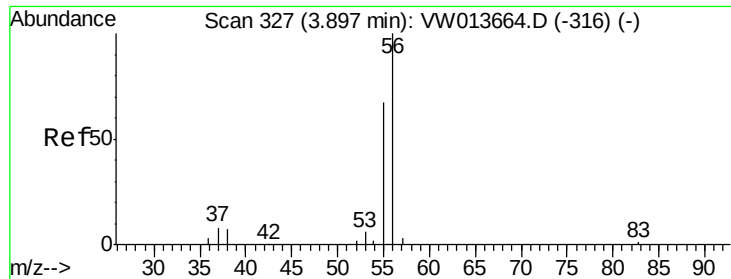


#12

1,1-Dichloroethene
Concen: 48.745 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	125.0	187.6
98	64.2	50.3	75.5





#13

Acrolein

Concen: 242.088 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 36848

Ion Ratio Lower Upper

56 100

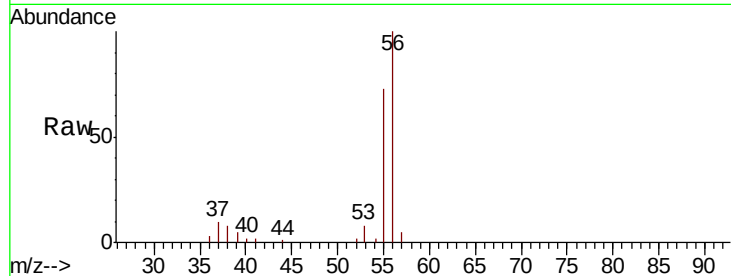
55 73.3 56.1 84.1

Manual Integrations

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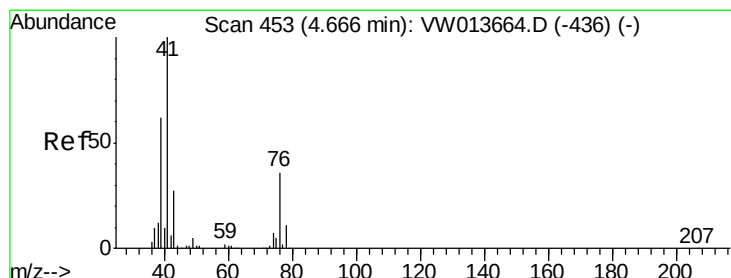
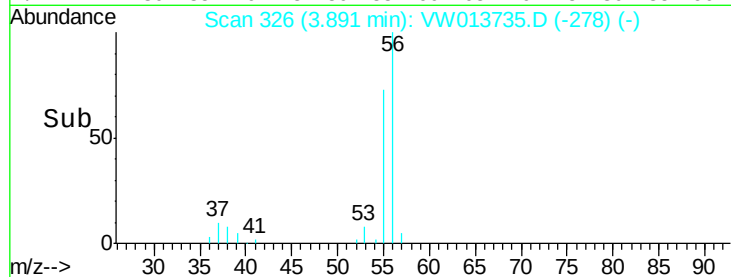
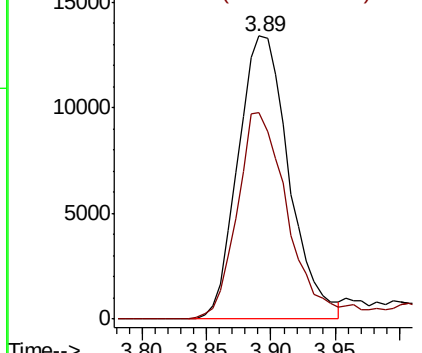
MMDadoda

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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: 49.005 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

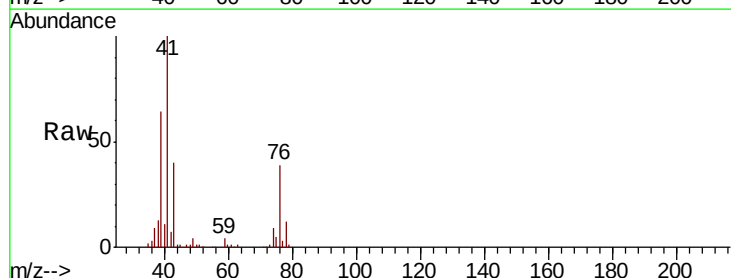
Tgt Ion: 41 Resp: 200489

Ion Ratio Lower Upper

41 100

39 62.8 50.0 75.0

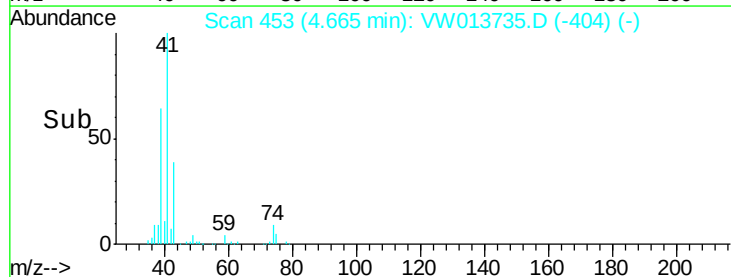
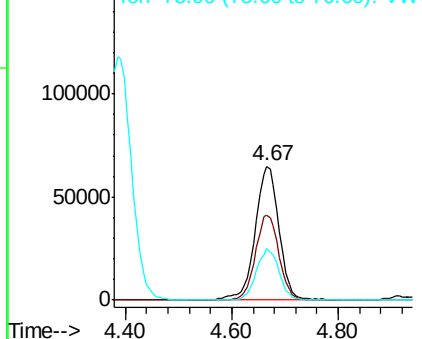
76 36.5 29.6 44.4

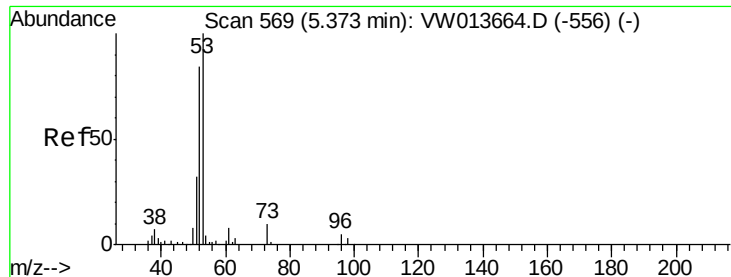


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 273.558 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

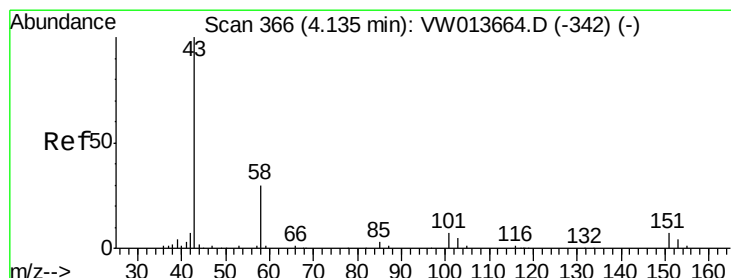
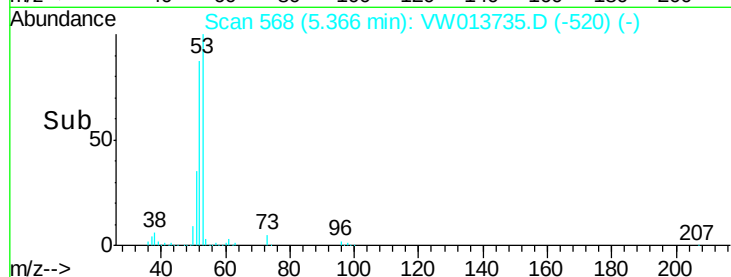
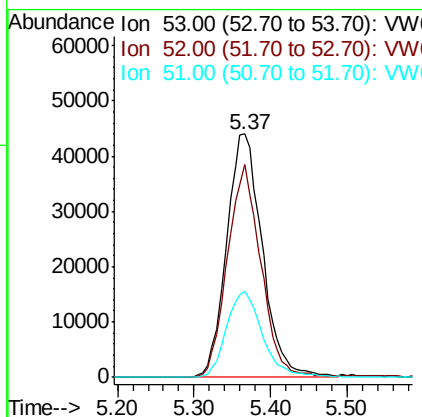
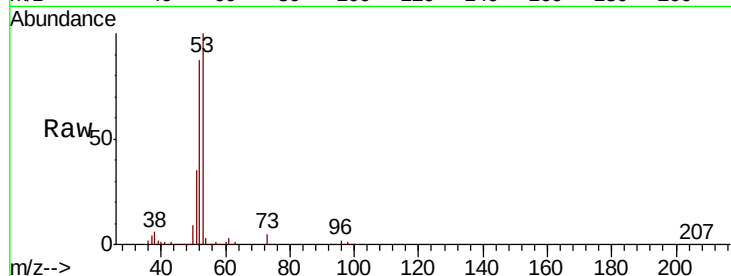
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	142390
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.4	101.0
51	35.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 233.387 ug/l

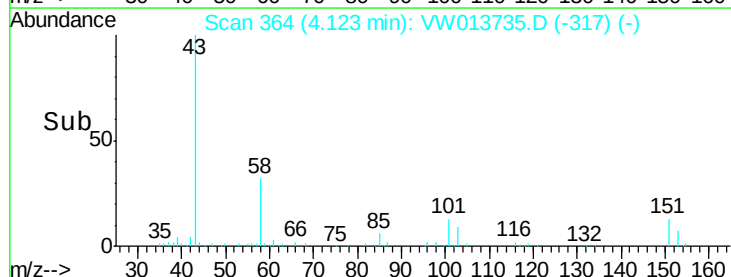
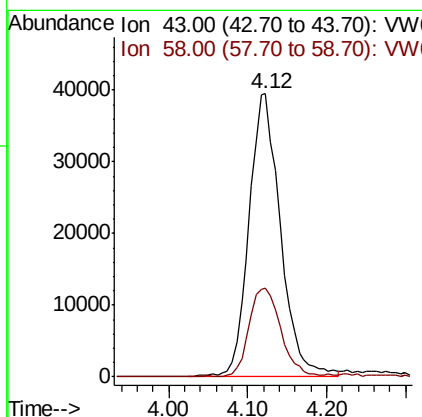
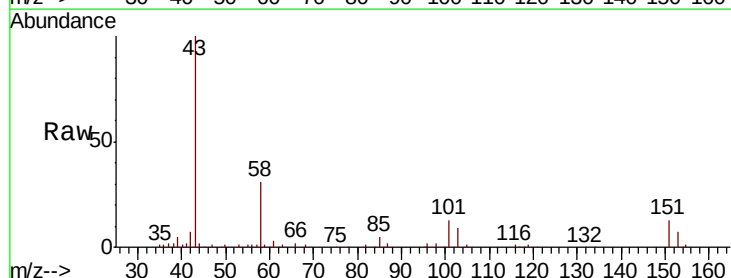
RT: 4.12 min Scan# 364

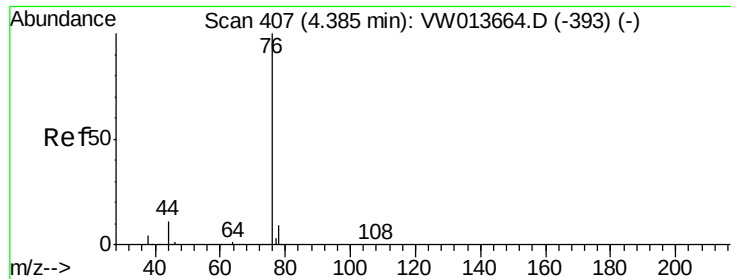
Delta R.T. -0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion:	43	Resp:	110129
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.1	36.1





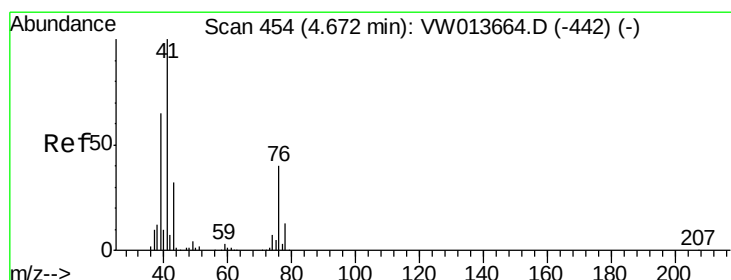
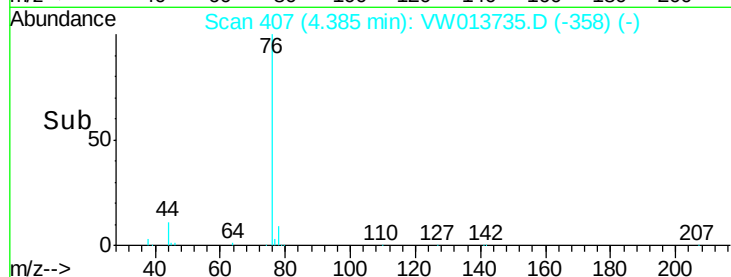
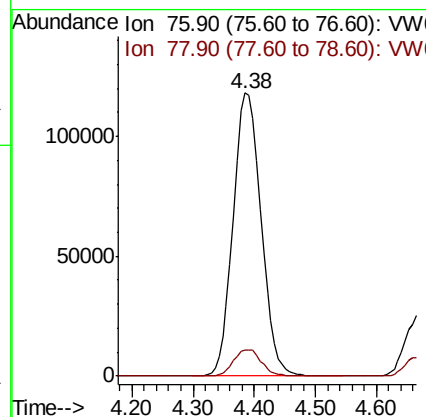
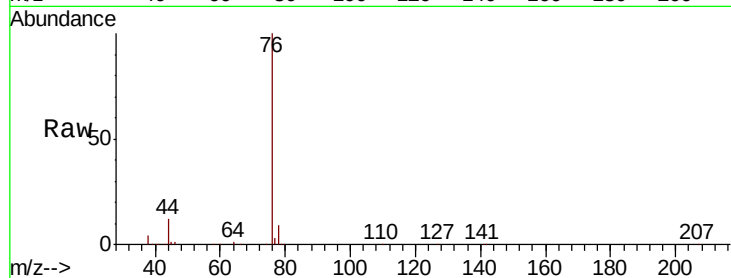
#17
Carbon Disulfide
Concen: 48.807 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

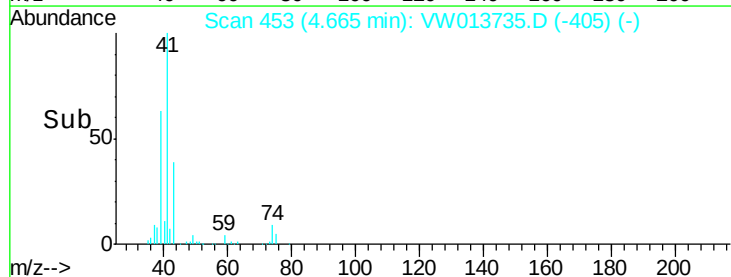
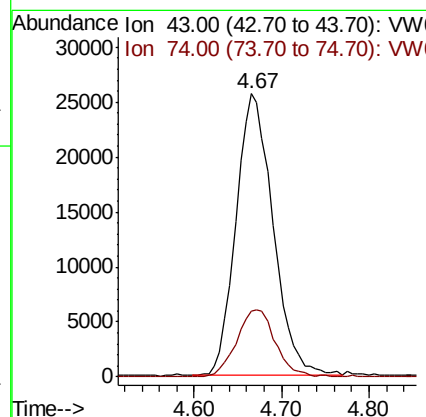
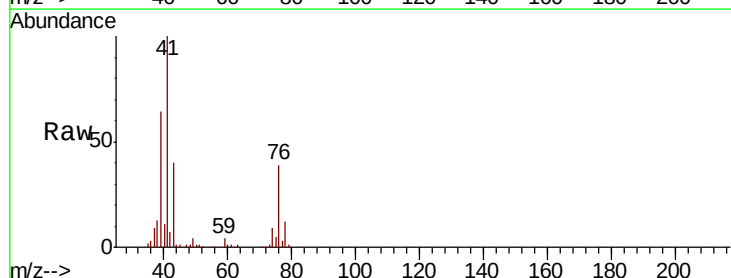
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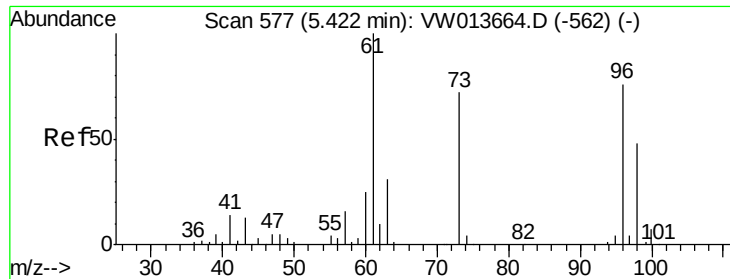
MMDadoda
10/25/2019 4:47:12 PM



#18
Methyl Acetate
Concen: 58.520 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.8	29.8





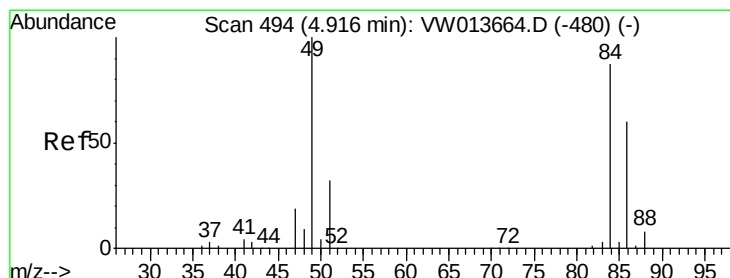
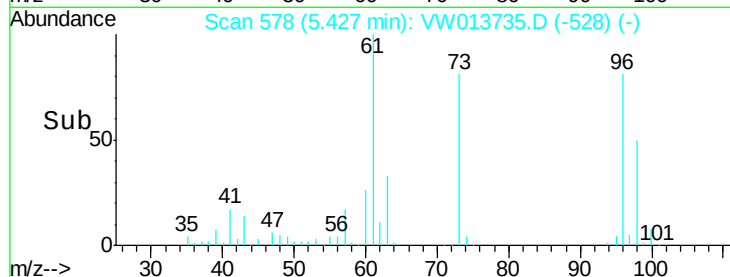
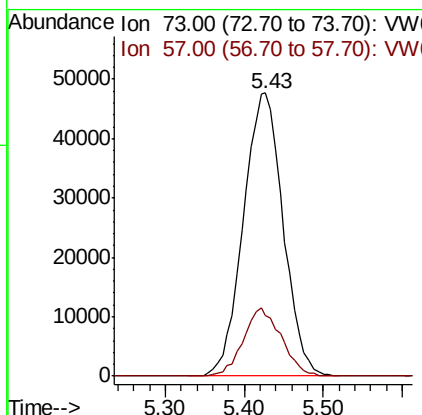
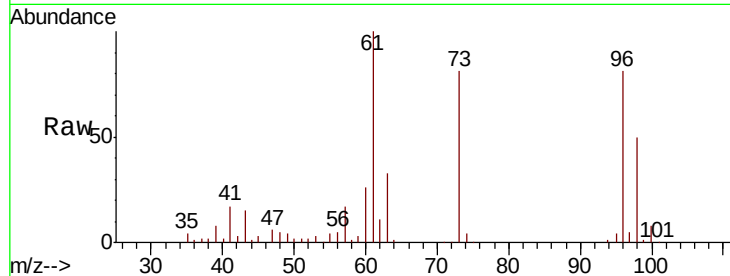
#19
Methyl tert-butyl Ether
Concen: 52.244 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 166805
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

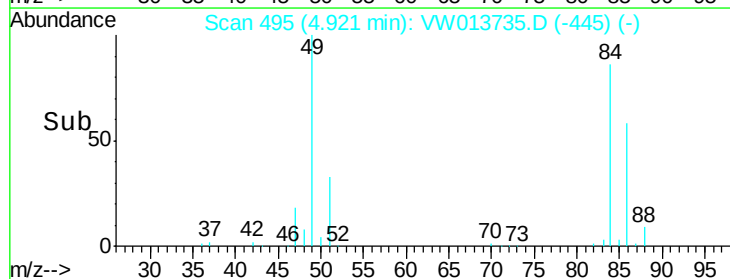
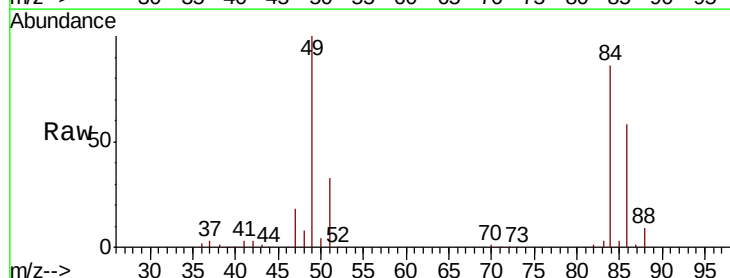
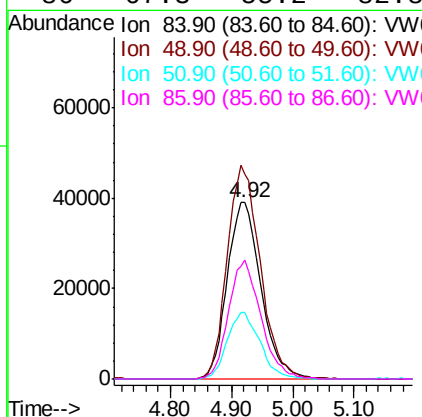
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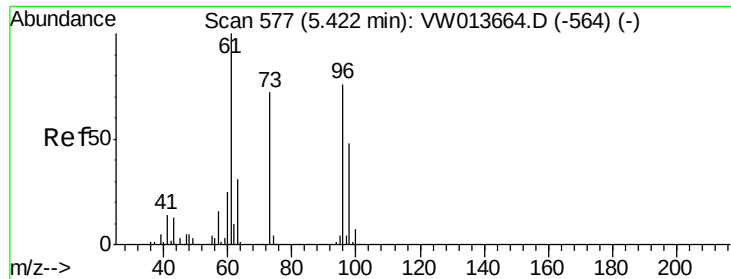
MMDadoda
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#20
Methylene Chloride
Concen: 57.877 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion: 84 Resp: 148318
Ion Ratio Lower Upper
84 100
49 115.8 91.8 137.6
51 37.9 29.8 44.6
86 67.3 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 50.570 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

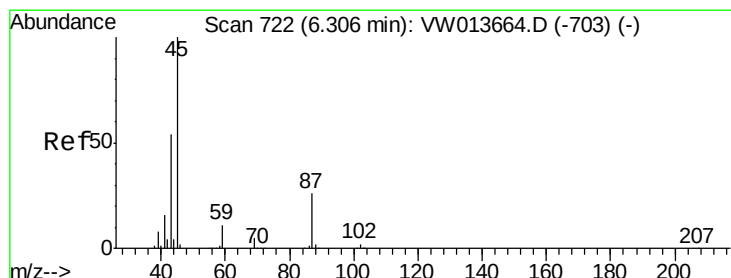
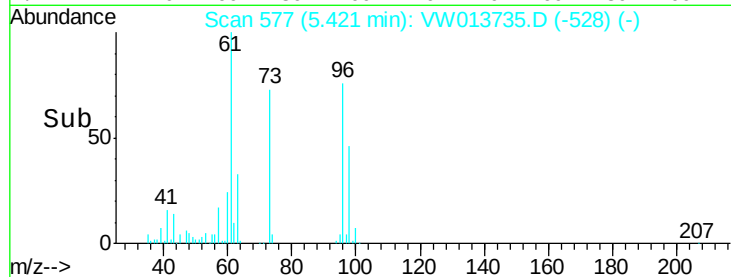
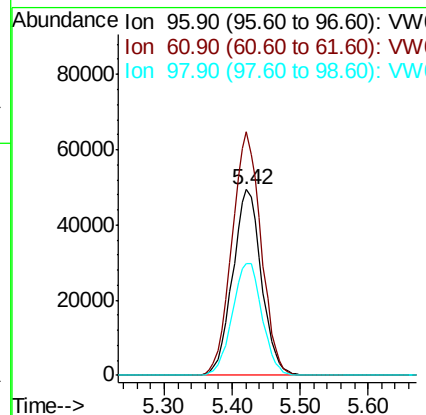
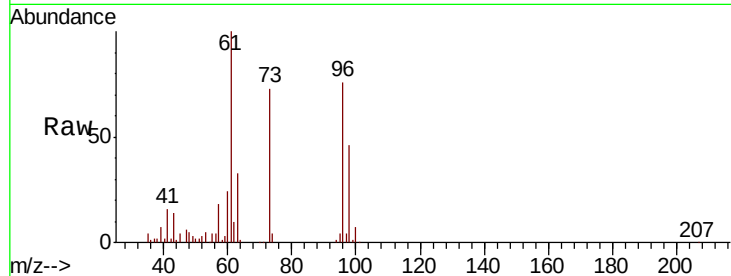
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	144815
Ion	Ratio	Lower	Upper
96	100		
61	131.3	104.8	157.2
98	60.1	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.081 ug/l

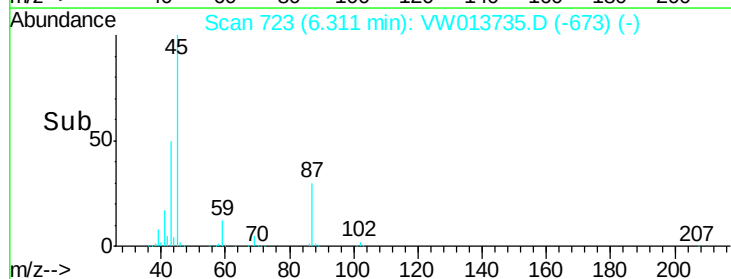
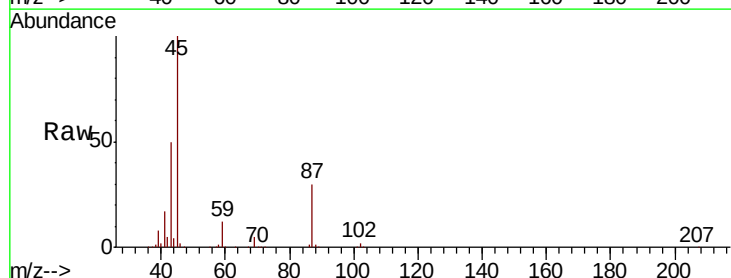
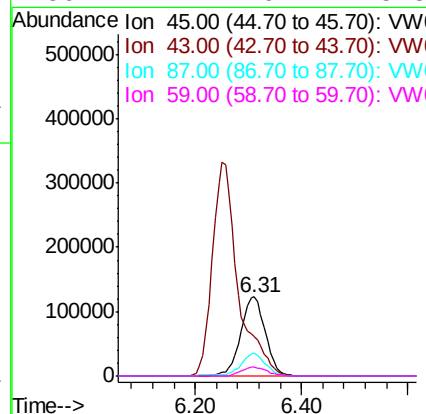
RT: 6.31 min Scan# 723

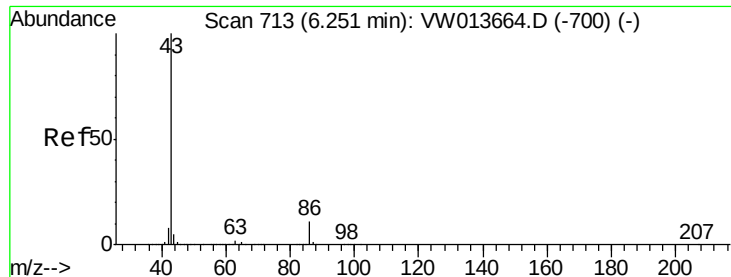
Delta R.T. 0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion:	45	Resp:	396130
Ion	Ratio	Lower	Upper
45	100		
43	49.8	43.4	65.2
87	29.7	21.5	32.3
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 255.348 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1105704

Ion Ratio Lower Upper

43 100

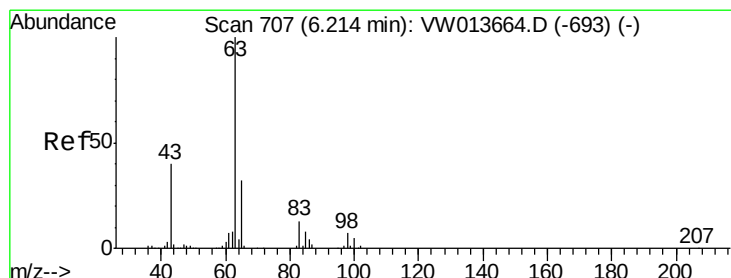
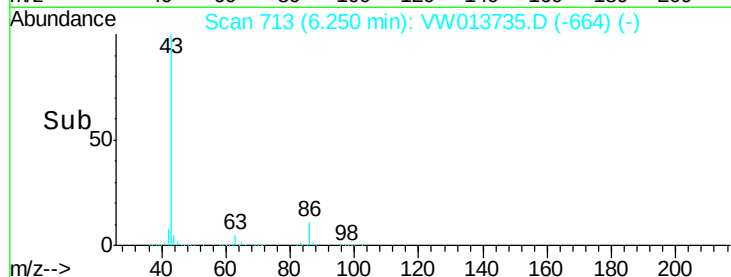
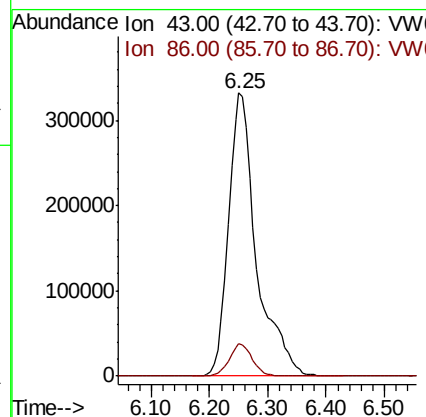
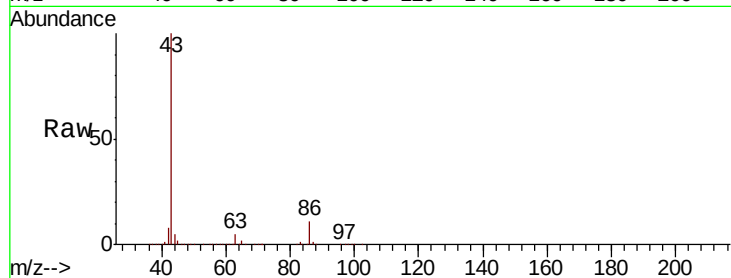
86 11.3 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.370 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

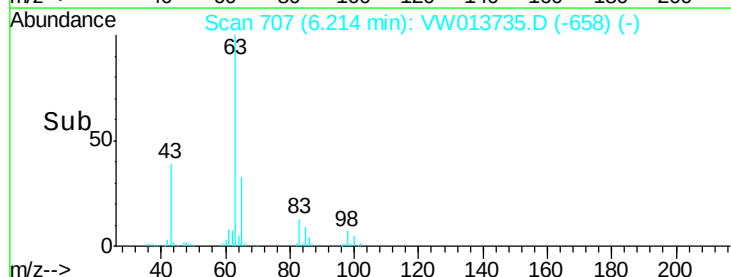
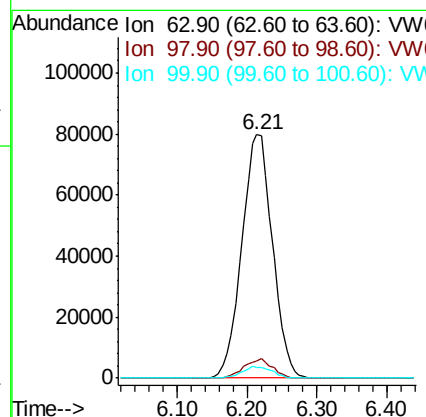
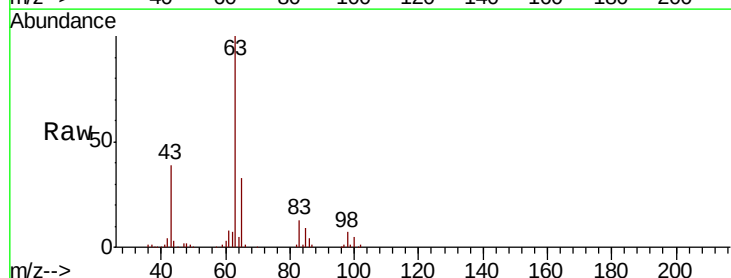
Tgt Ion: 63 Resp: 242792

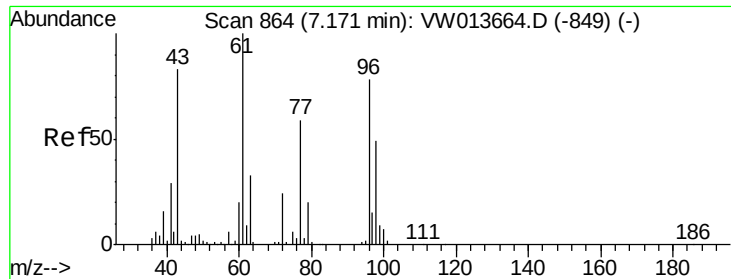
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 257.232 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 174508

Ion Ratio Lower Upper

43 100

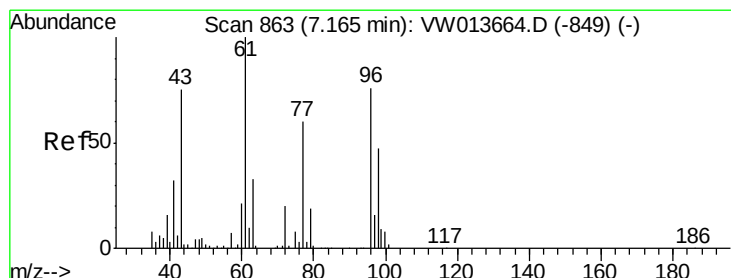
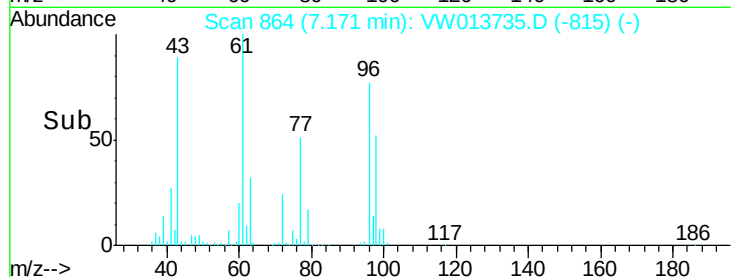
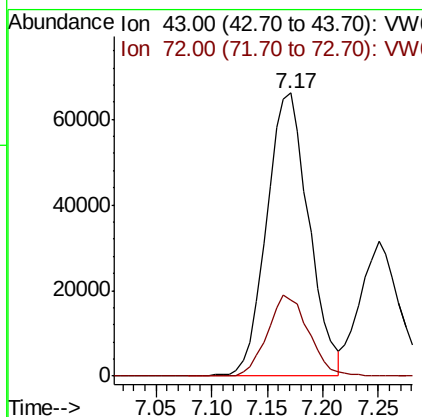
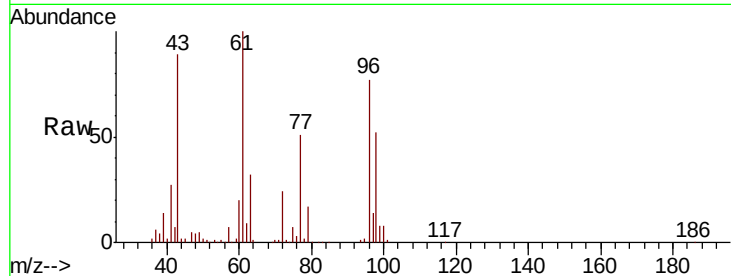
72 26.7 23.6 35.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.627 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013735.D

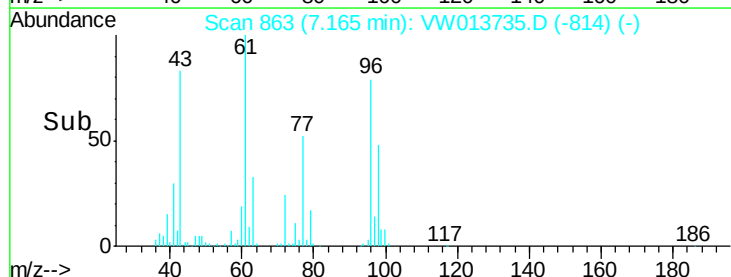
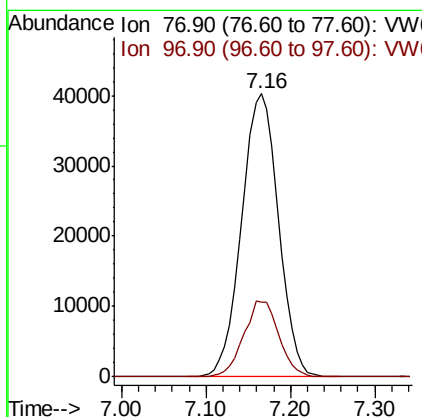
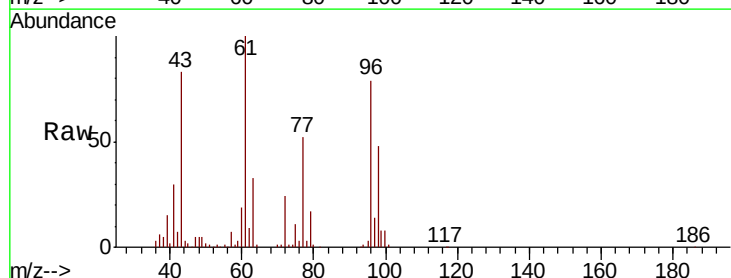
Acq: 25 Oct 2019 01:49

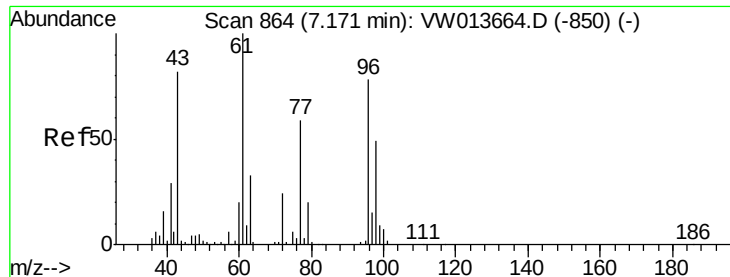
Tgt Ion: 77 Resp: 119234

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.4





#27

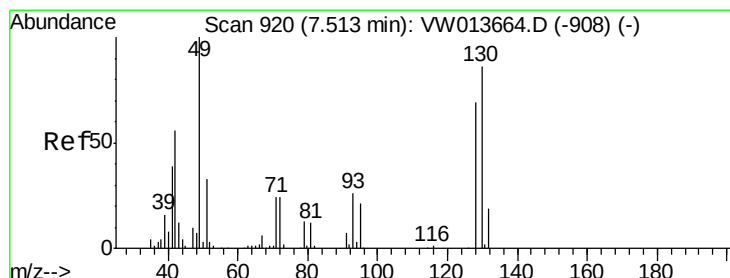
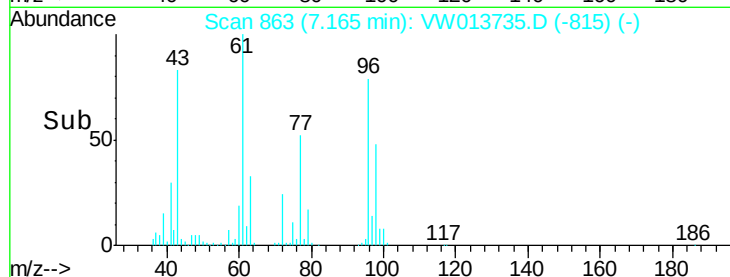
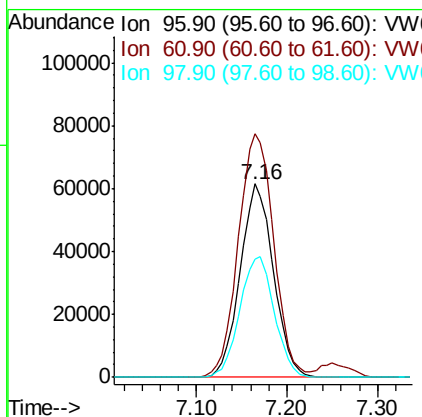
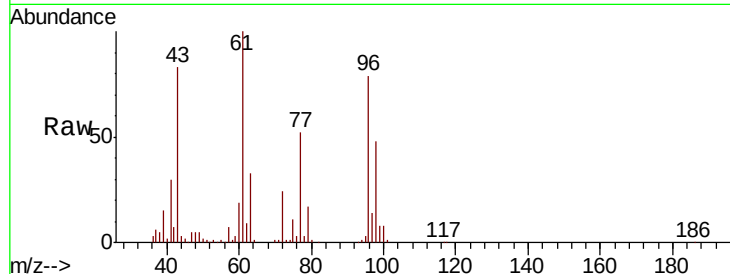
cis-1,2-Dichloroethene
Concen: 51.493 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	156622		
61	133.4	0.0	266.0	
98	64.7	0.0	126.8	

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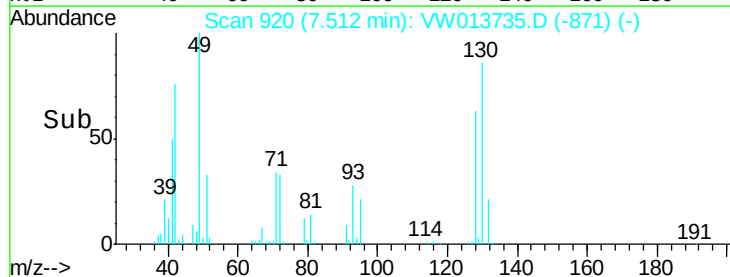
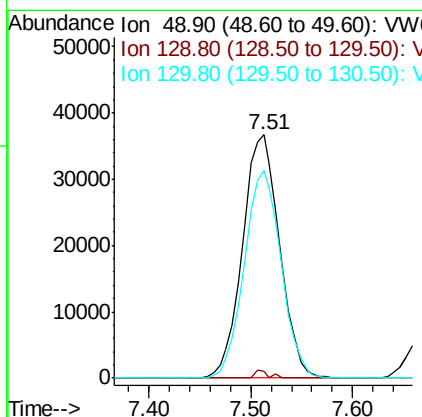
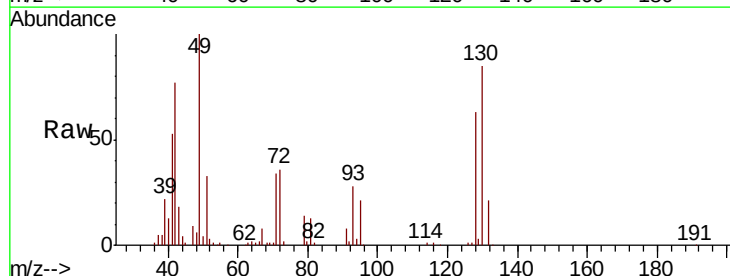
MMDadoda
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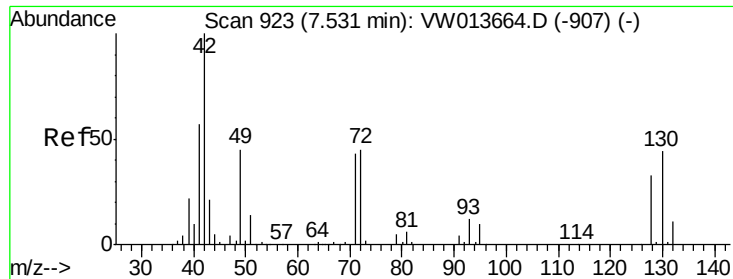


#28

Bromochloromethane
Concen: 54.906 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	92685		
129	1.1	0.0	0.6#	
130	85.0	67.5	101.3	





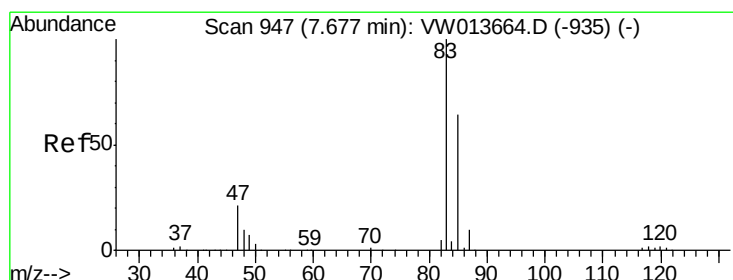
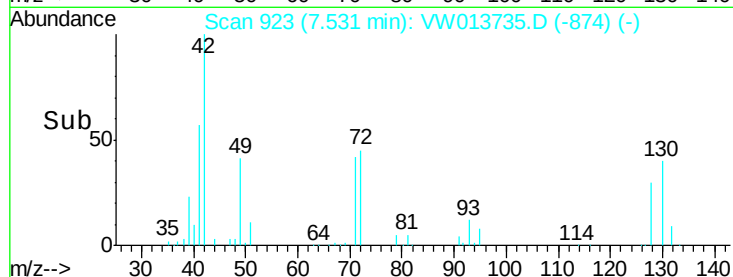
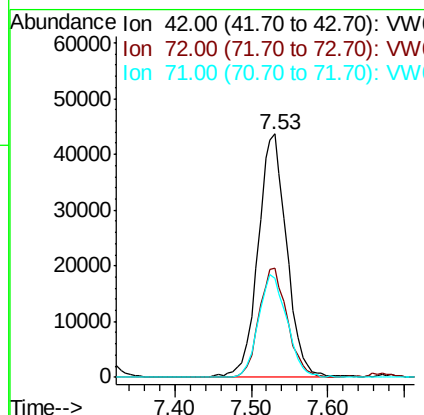
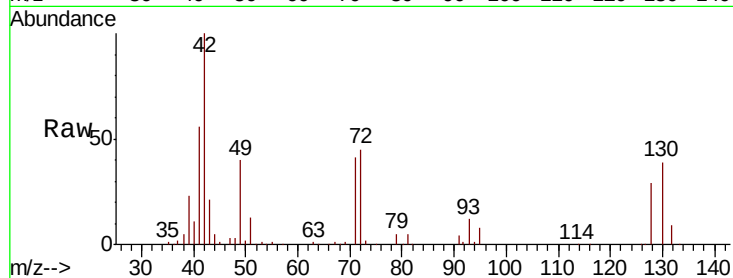
#29
Tetrahydrofuran
Concen: 271.707 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.3	52.9
71	42.0	33.3	49.9

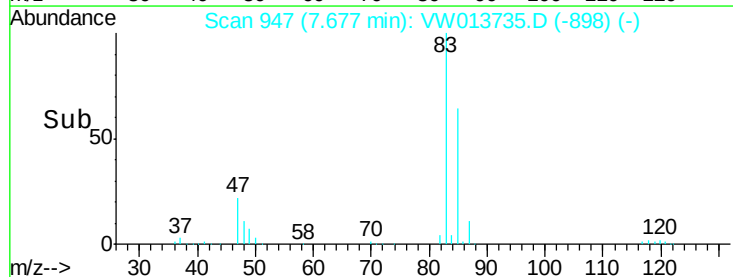
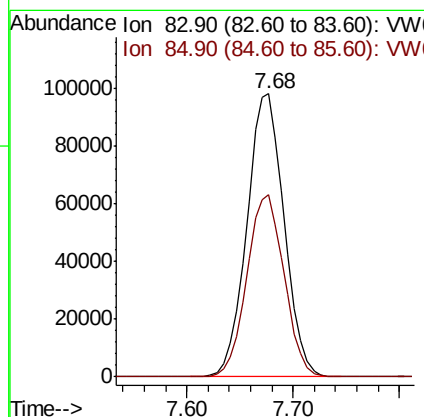
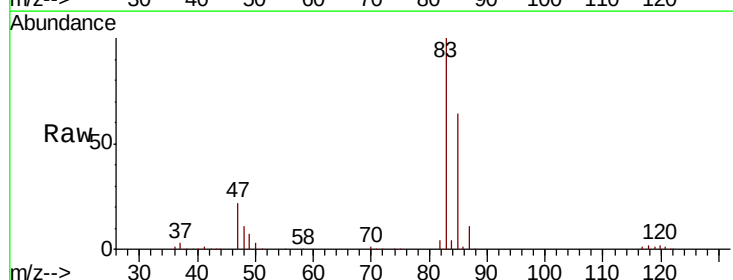
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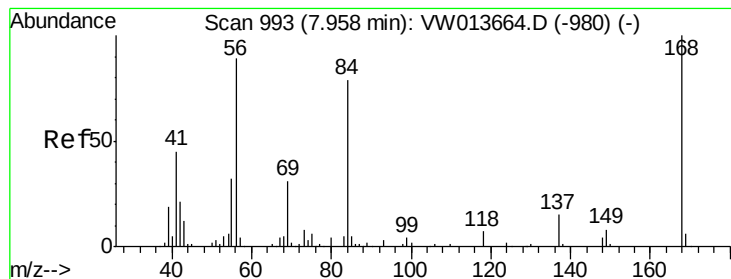
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#30
Chloroform
Concen: 51.573 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





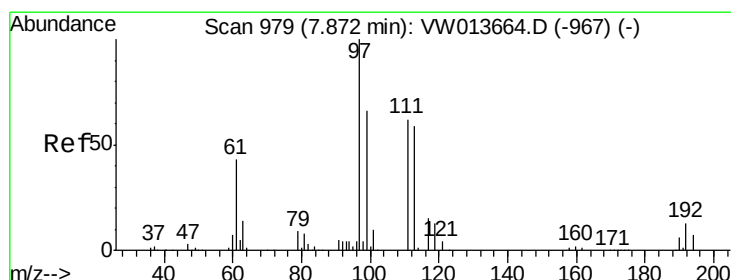
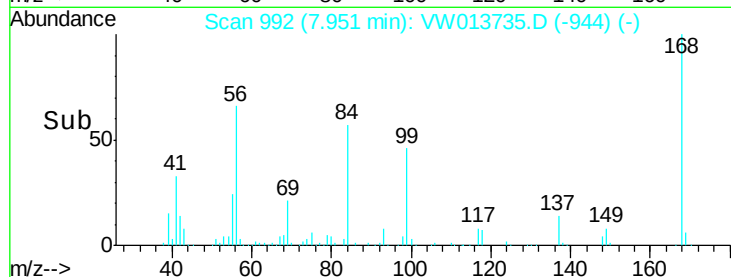
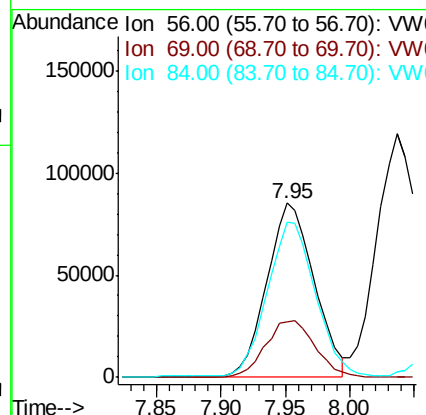
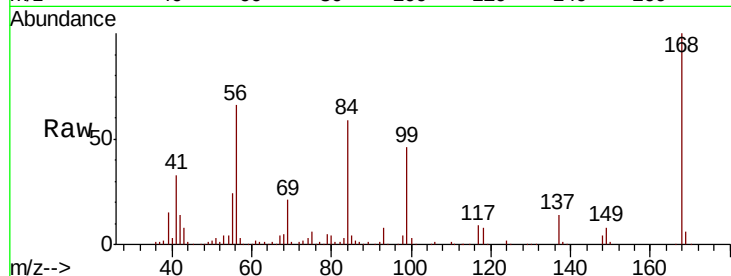
#31
Cyclohexane
Concen: 43.910 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	27.5	41.3
84	88.0	70.8	106.2

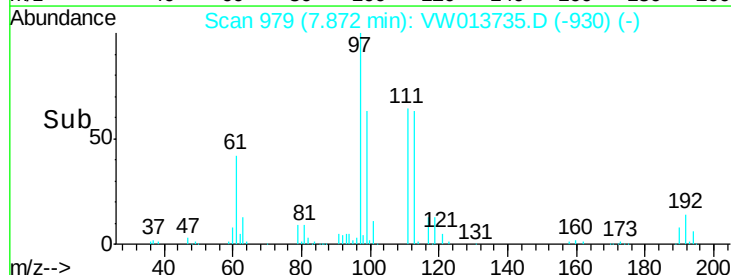
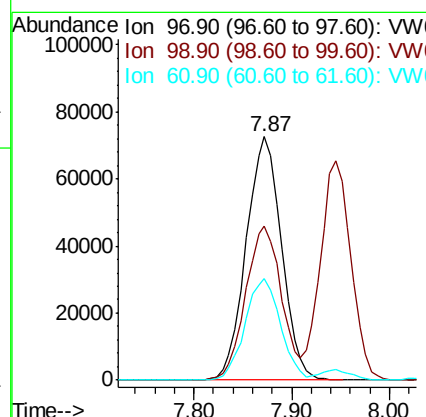
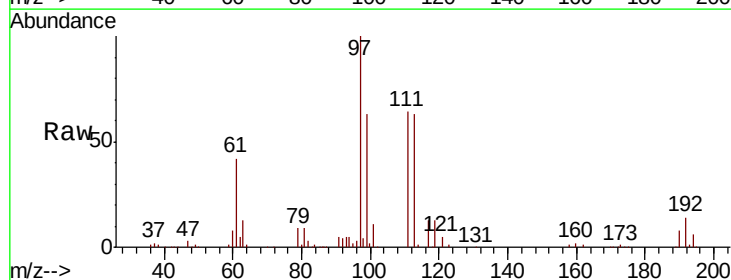
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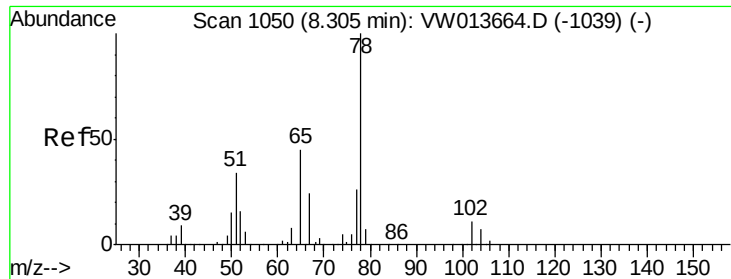
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#32
1,1,1-Trichloroethane
Concen: 49.695 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	41.7	33.8	50.6





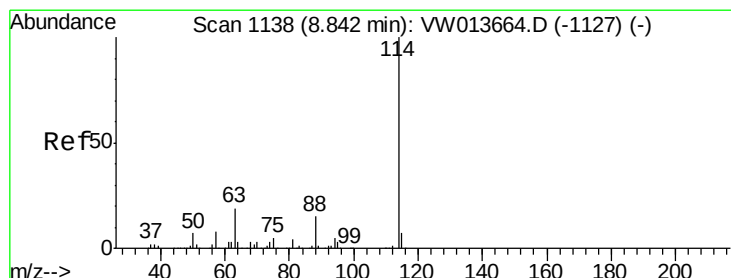
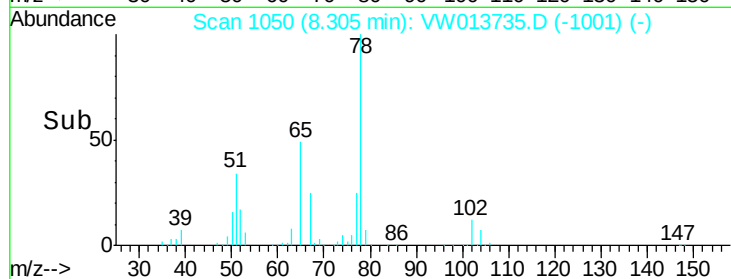
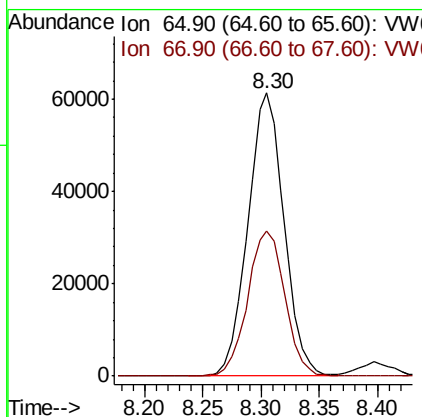
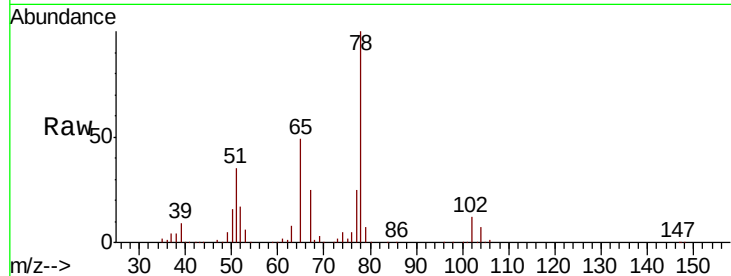
#33
 1,2-Dichloroethane-d4
 Concen: 59.619 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132682		
67	52.8	0.0	109.4	

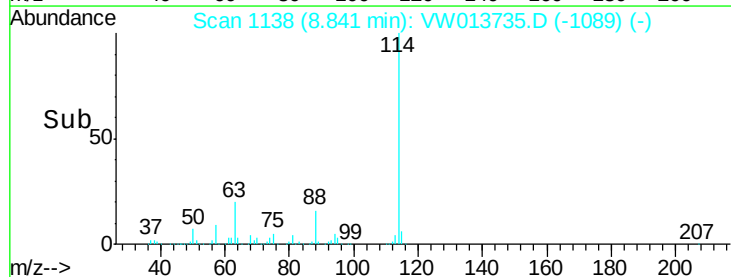
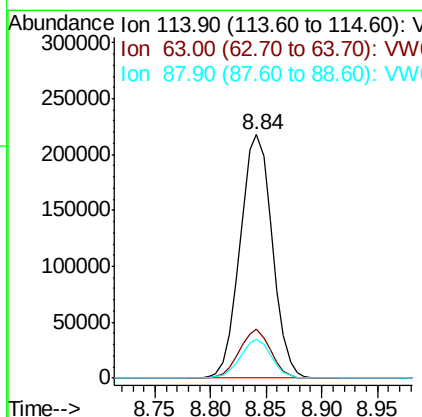
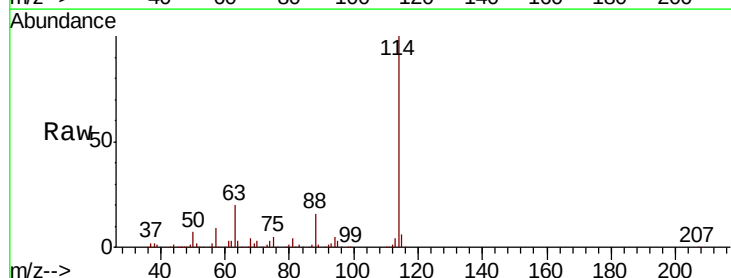
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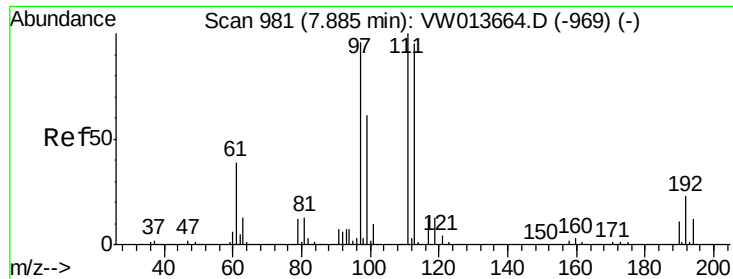
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437727		
63	20.3	0.0	37.6	
88	15.9	0.0	30.2	





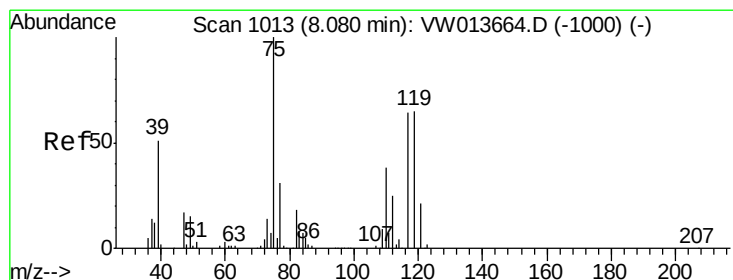
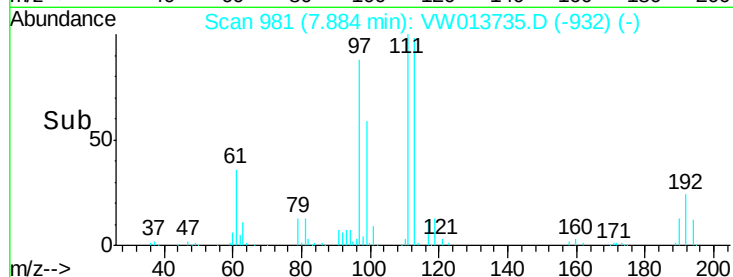
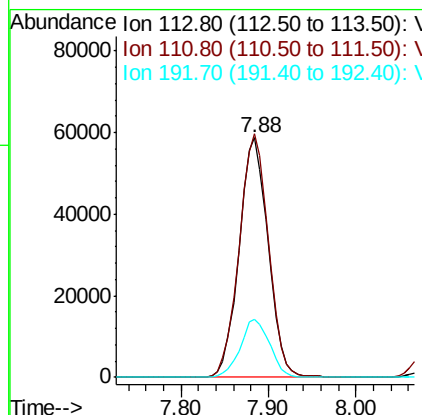
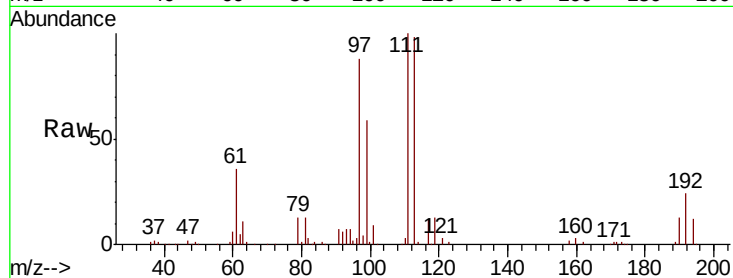
#35
 Dibromofluoromethane
 Concen: 55.748 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135593		
111	102.5	83.0	124.6	
192	24.4	19.4	29.2	

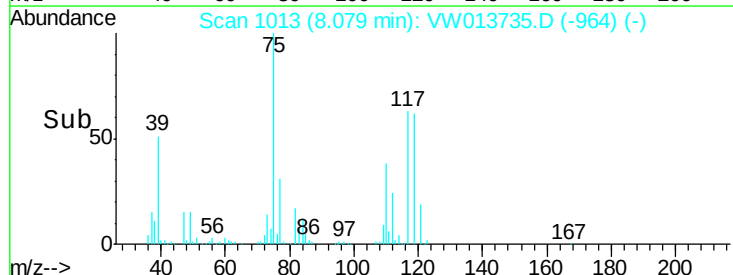
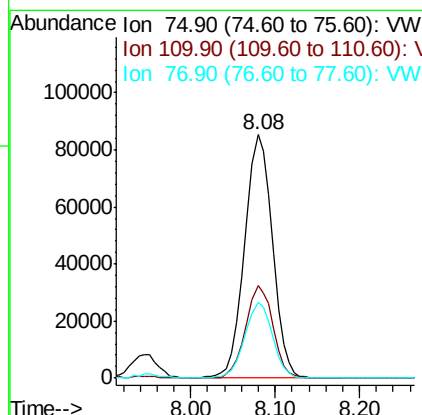
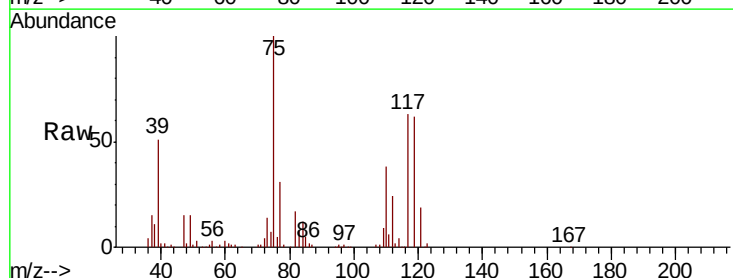
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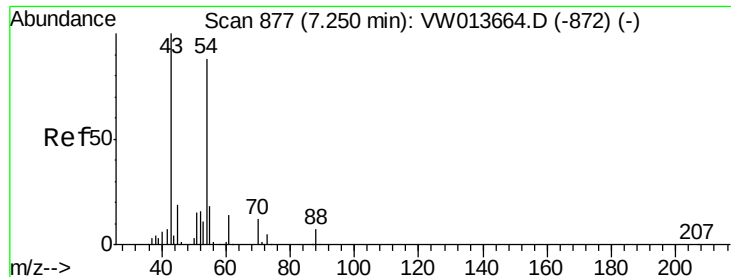
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#36
 1,1-Dichloropropene
 Concen: 46.601 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	189972		
110	37.2	18.7	56.1	
77	31.3	25.4	38.0	





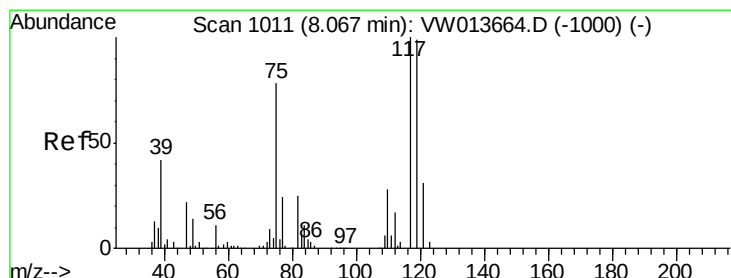
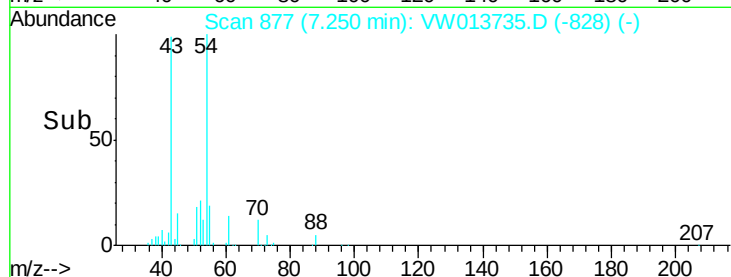
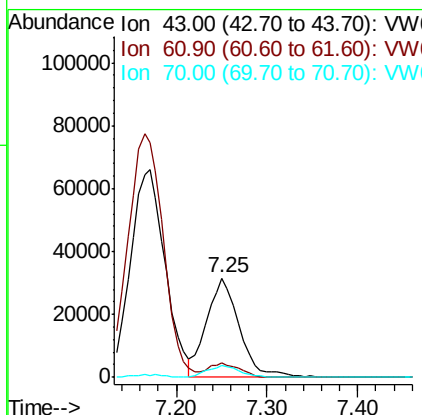
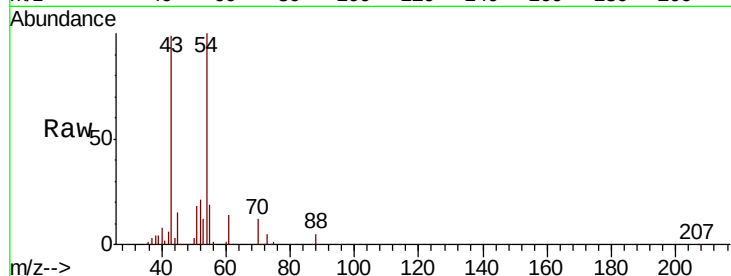
#37
Ethyl Acetate
Concen: 51.026 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.7	17.5
70	11.6	8.8	13.2

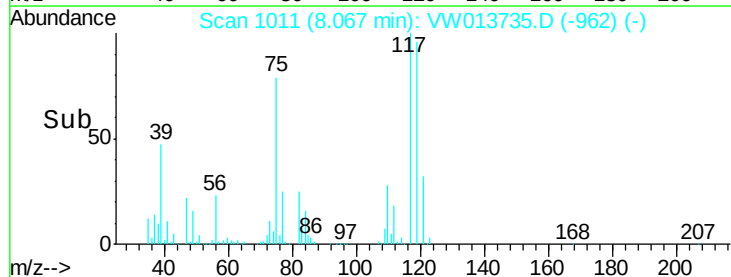
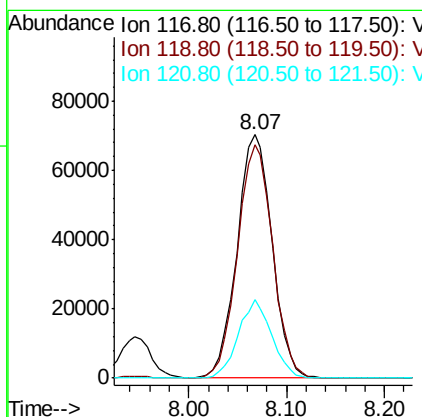
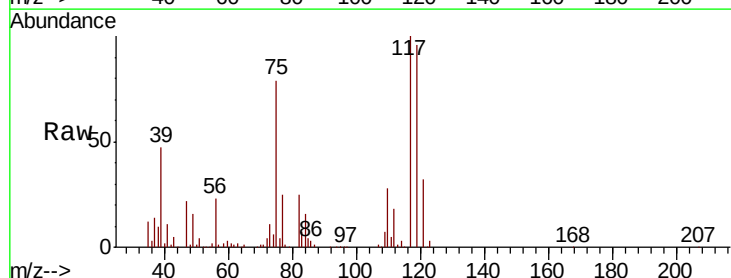
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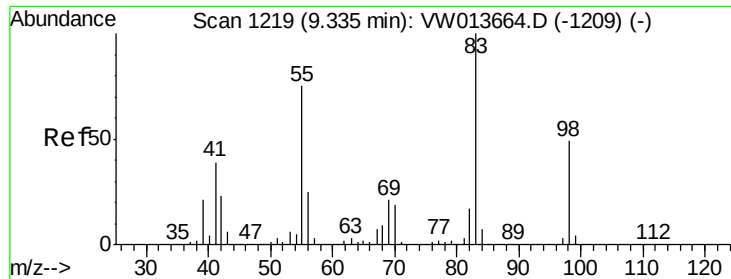
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#38
Carbon Tetrachloride
Concen: 47.587 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.0	118.4
121	32.1	24.5	36.7





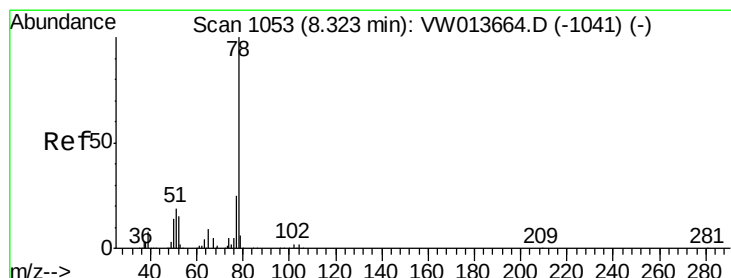
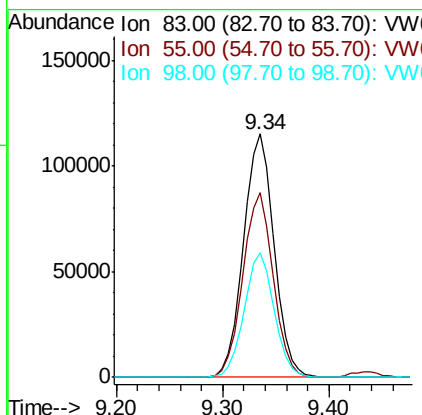
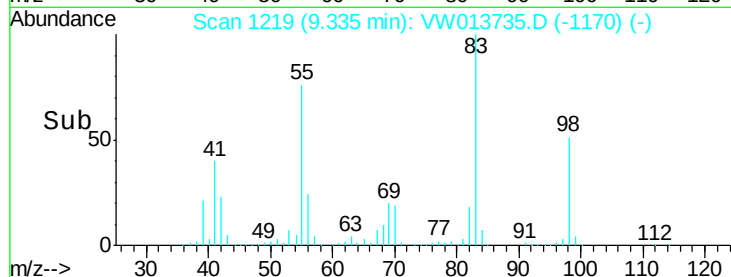
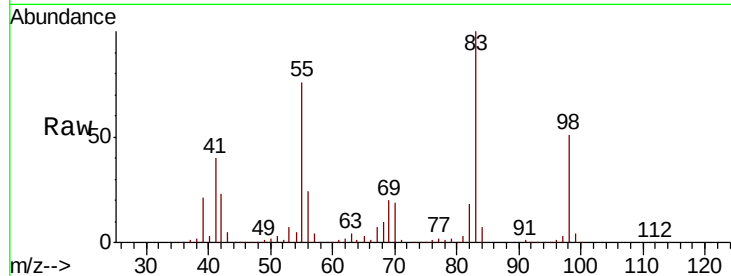
#39
Methylvlcyclohexane
Concen: 44.276 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.9	89.9
98	51.0	39.4	59.2

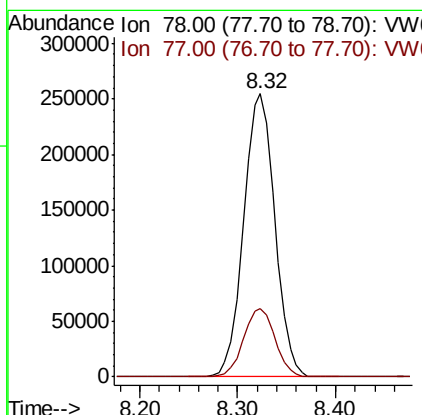
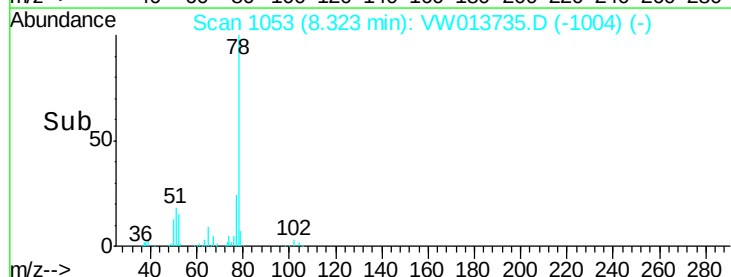
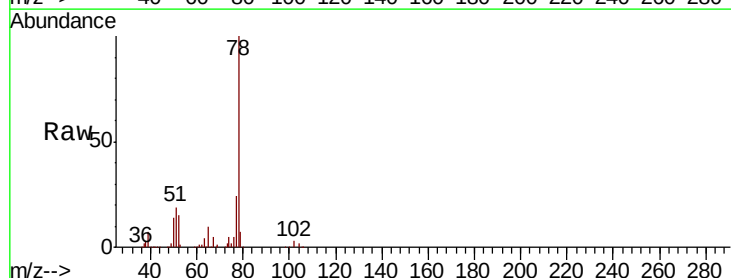
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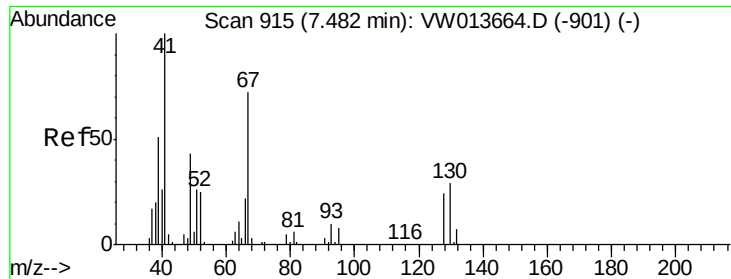
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#40
Benzene
Concen: 48.625 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4





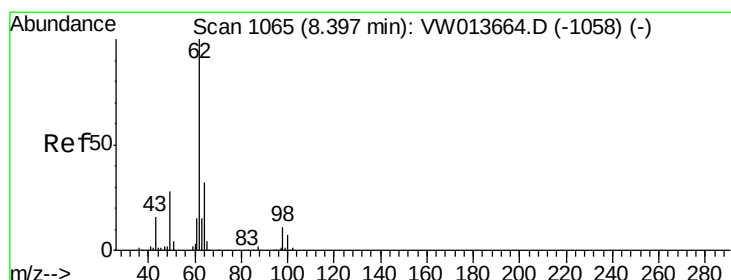
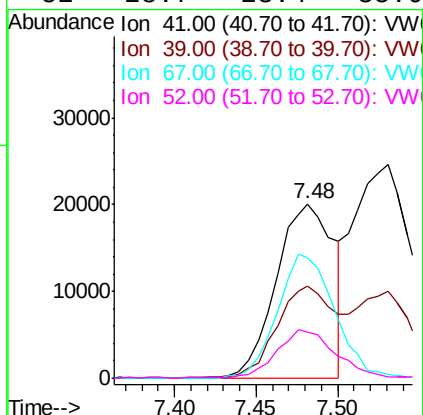
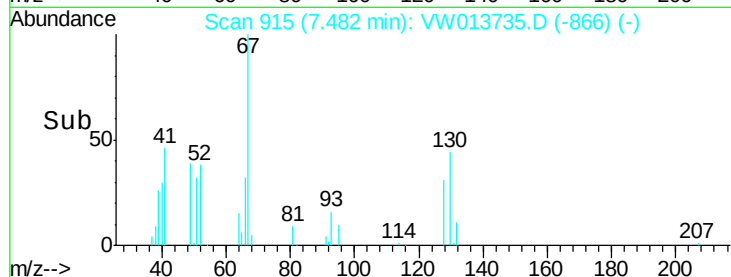
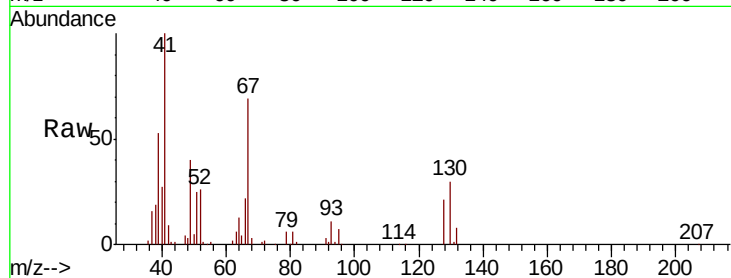
#41
Methacrylonitrile
Concen: 50.530 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	44.8	67.2	
67	71.1	59.3	88.9	
52	28.7	23.4	35.0	

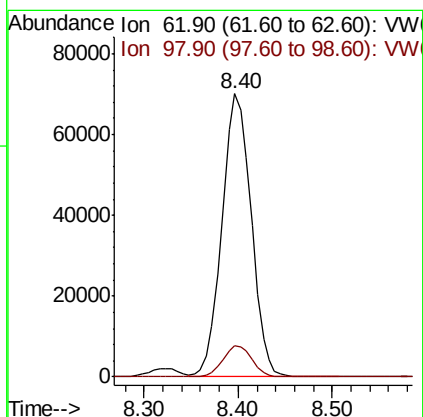
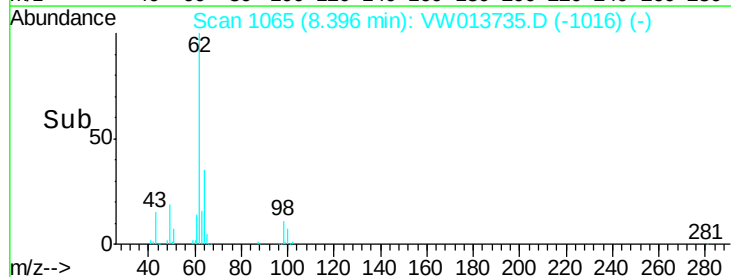
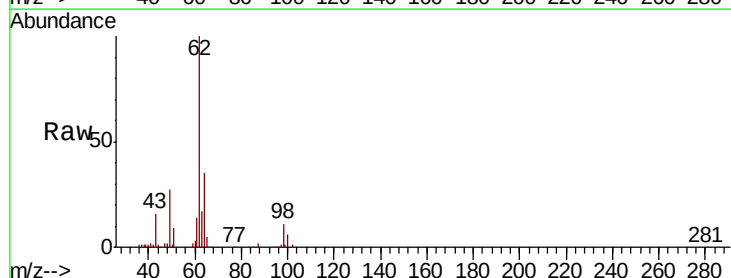
Manual Integrations
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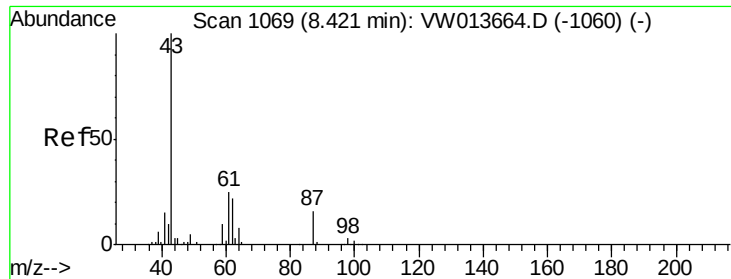
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#42
1,2-Dichloroethane
Concen: 51.999 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	22.4	





#43

Isopropyl Acetate

Concen: 50.827 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

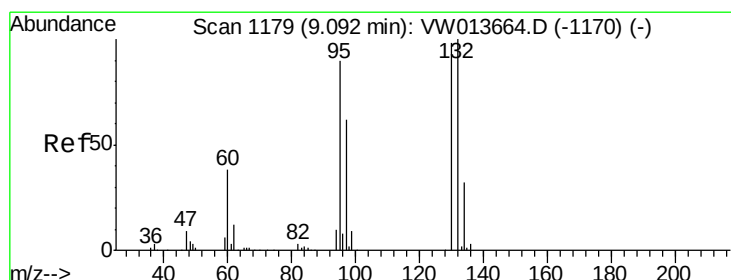
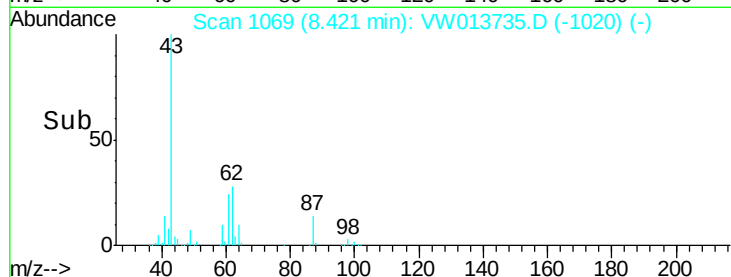
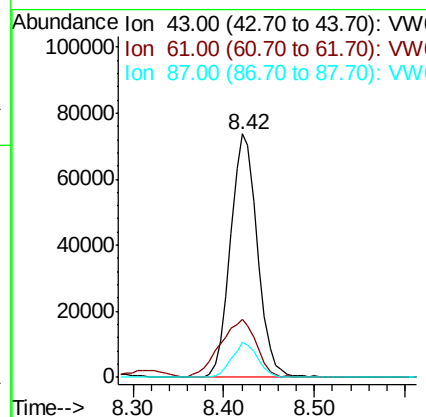
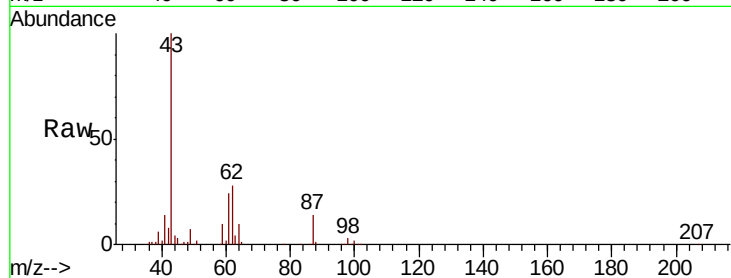
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	151824
Ion	Ratio	Lower	Upper
43	100		
61	32.2	26.1	39.1
87	14.0	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 48.148 ug/l

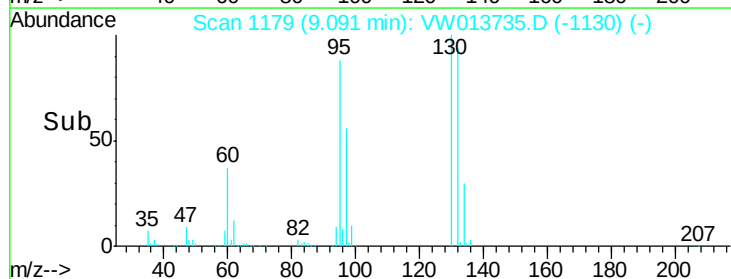
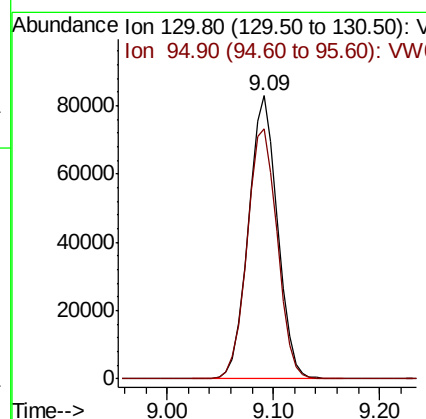
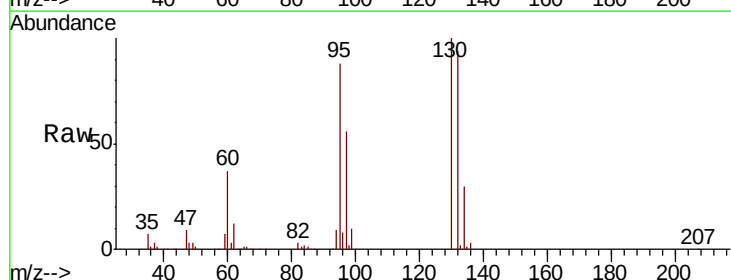
RT: 9.09 min Scan# 1179

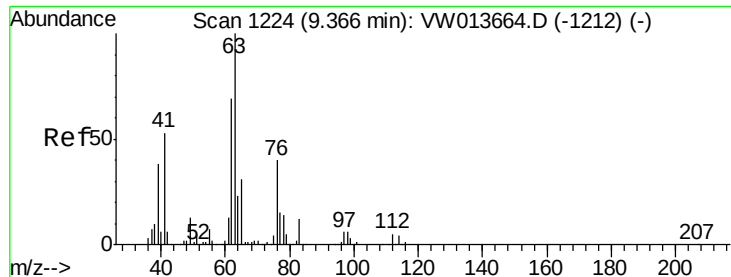
Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion:	130	Resp:	159113
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	184.6





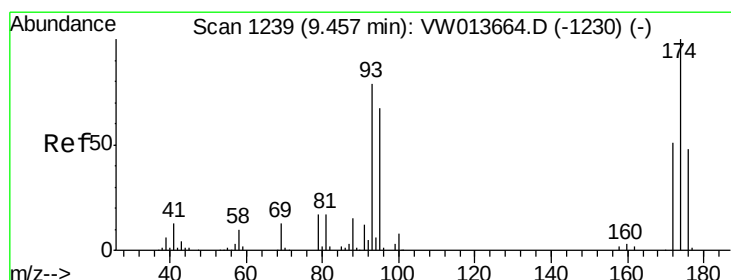
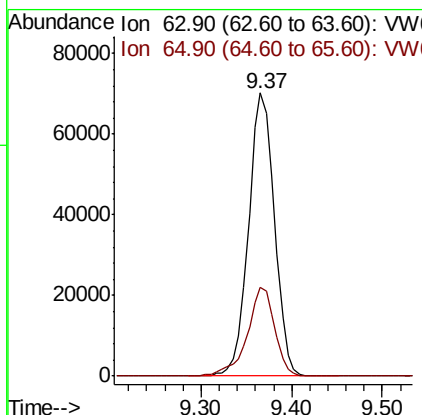
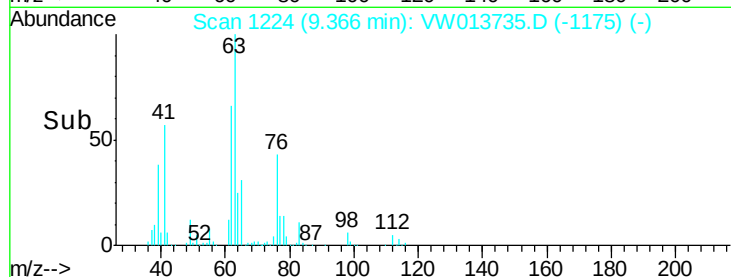
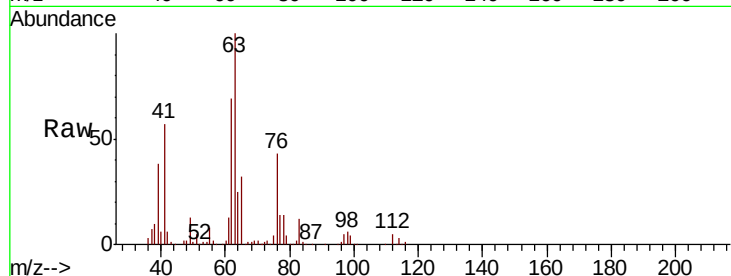
#45
 1,2-Dichloropropane
 Concen: 50.407 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 138903
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.2 37.8

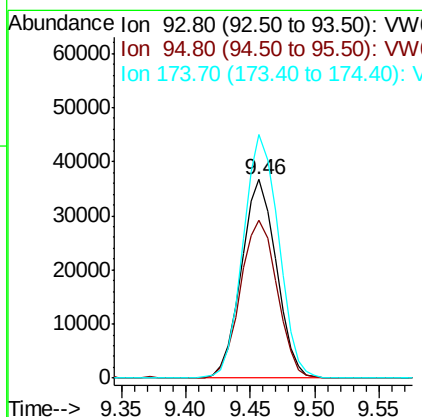
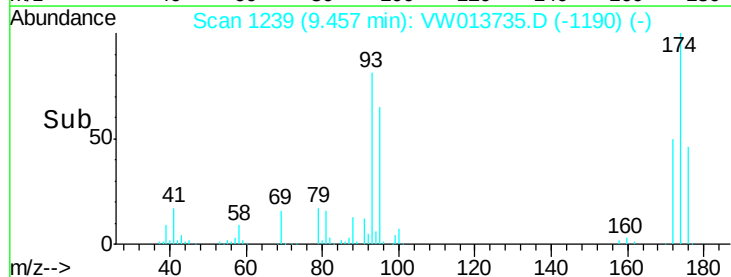
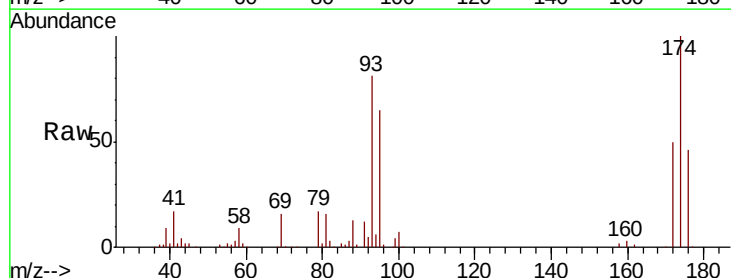
Manual Integrations
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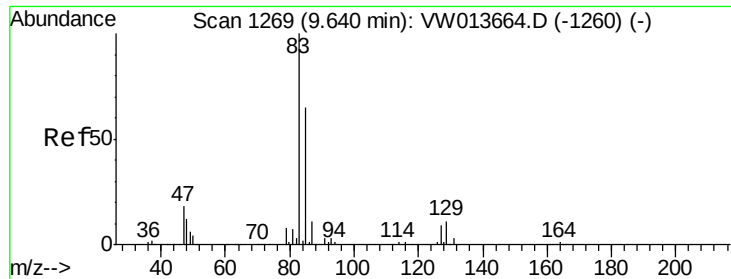
MMDadoda
 10/25/2019 4:47:12 PM



#46
 Dibromomethane
 Concen: 51.641 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion: 93 Resp: 69068
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.5 99.7
 174 124.3 99.6 149.4





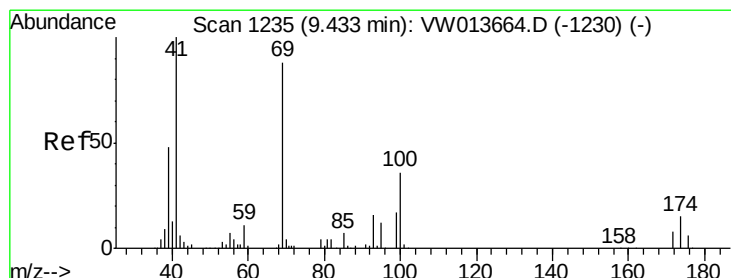
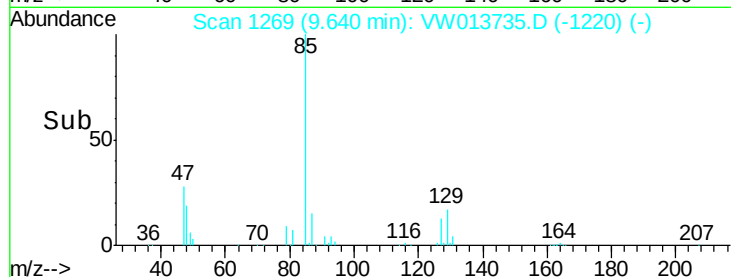
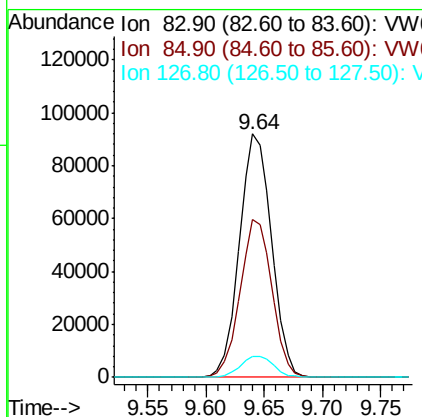
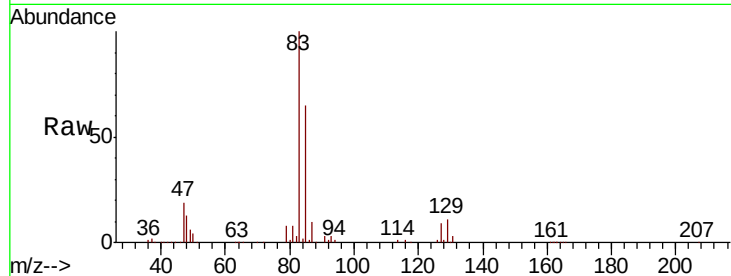
#47
 Bromodichloromethane
 Concen: 51.229 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	177285
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.8	77.6
127	8.6	7.3	10.9

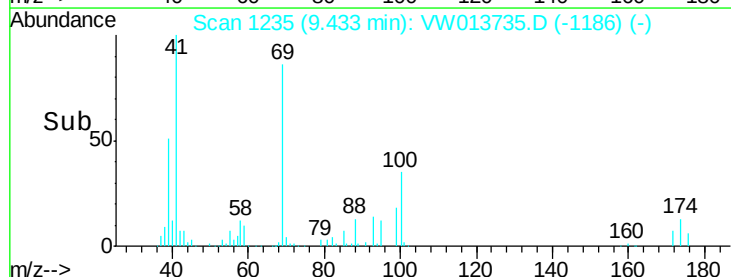
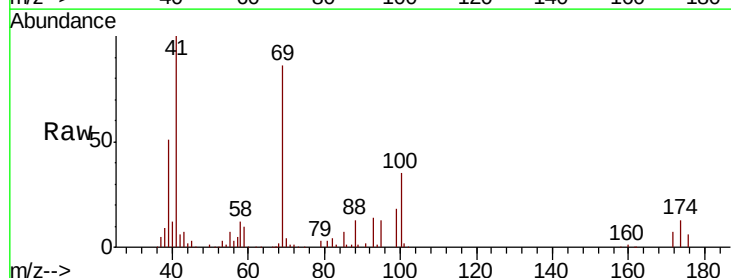
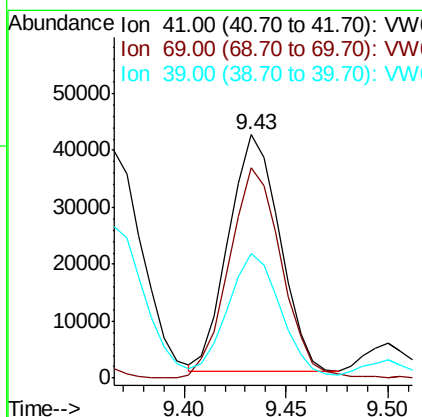
Manual Integrations
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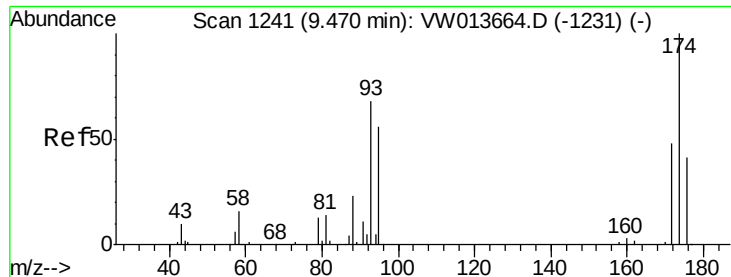
MMDadoda
 10/25/2019 4:47:12 PM



#48
 Methyl methacrylate
 Concen: 48.623 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion	41	Resp	72024
Ion Ratio	100	Lower	Upper
41	100		
69	92.4	67.6	101.4
39	52.2	38.6	58.0





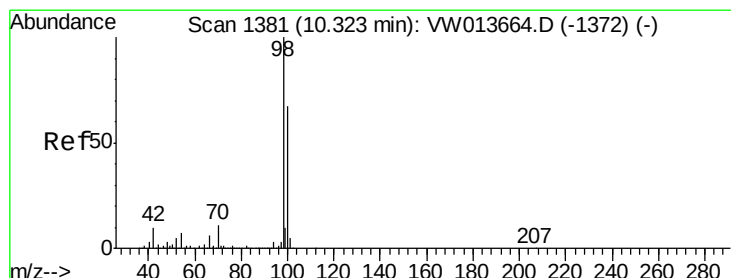
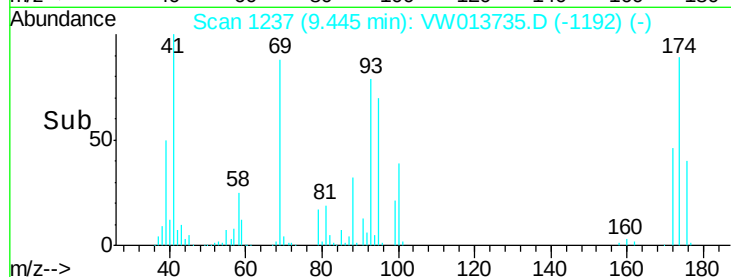
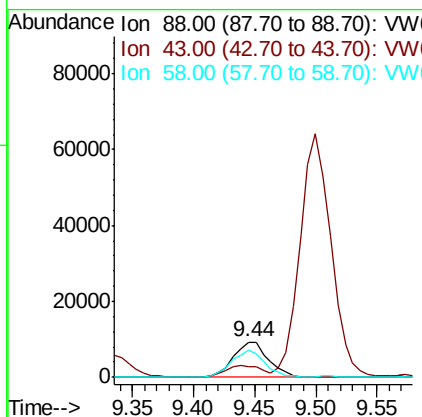
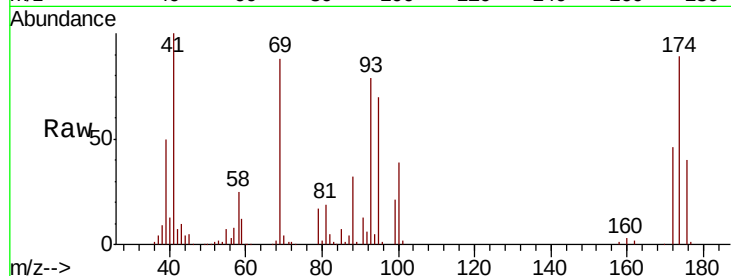
#49
1,4-Dioxane
Concen: 947.542 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	0.0	0.0#
58	74.3	58.9	88.3

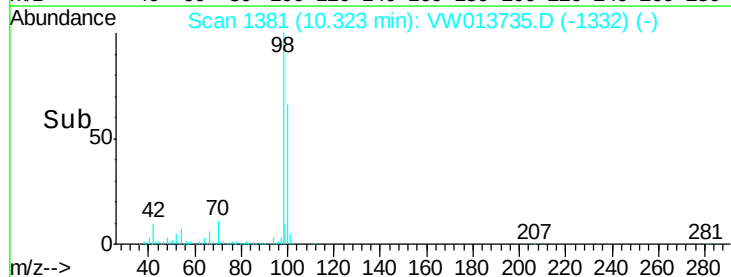
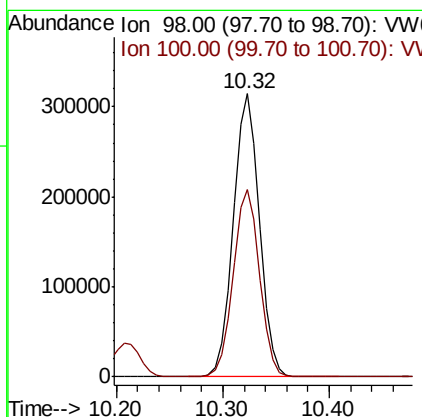
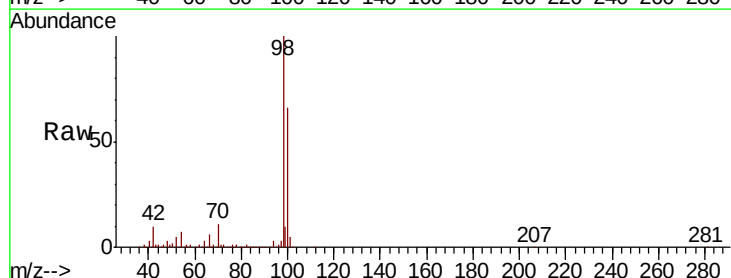
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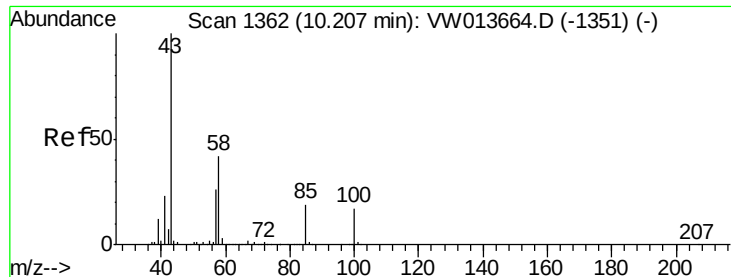
MMDadoda
10/25/2019 4:47:12 PM



#50
Toluene-d8
Concen: 54.538 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0





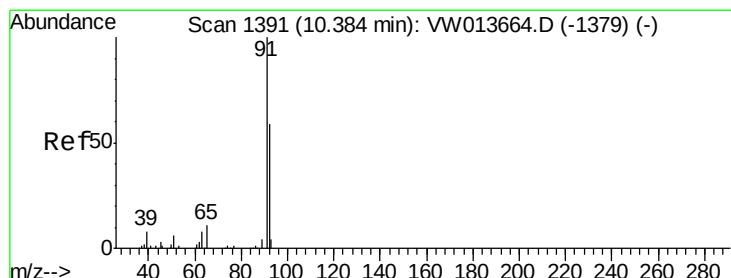
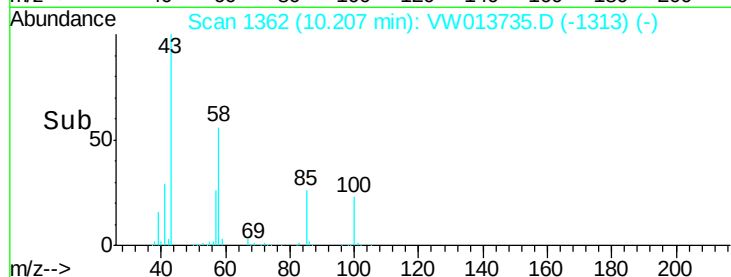
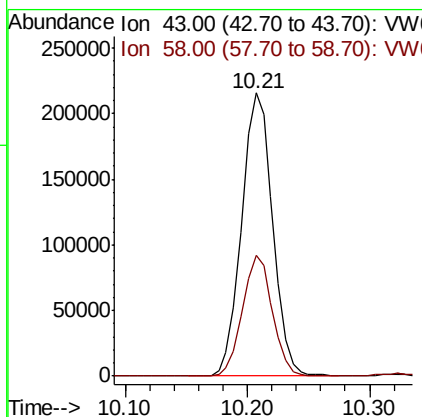
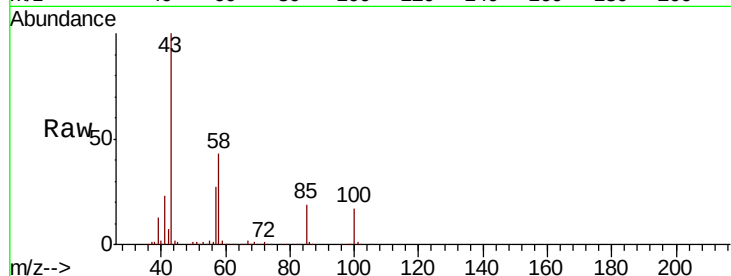
#51
4-Methyl-2-Pentanone
Concen: 255.857 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.6	49.0

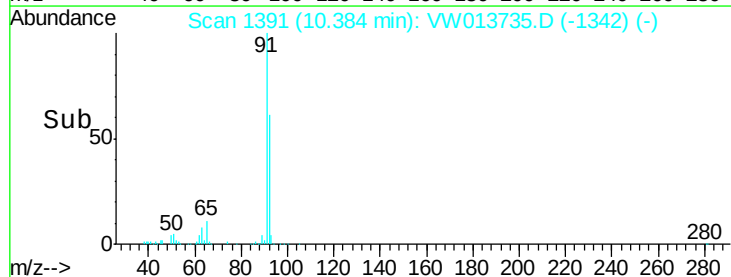
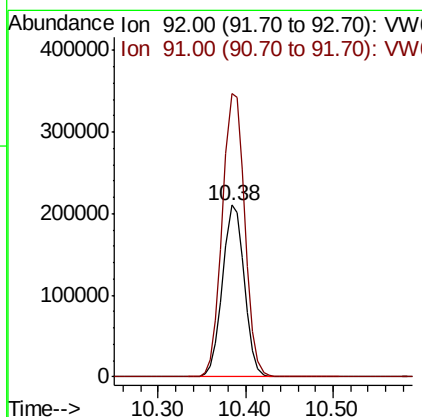
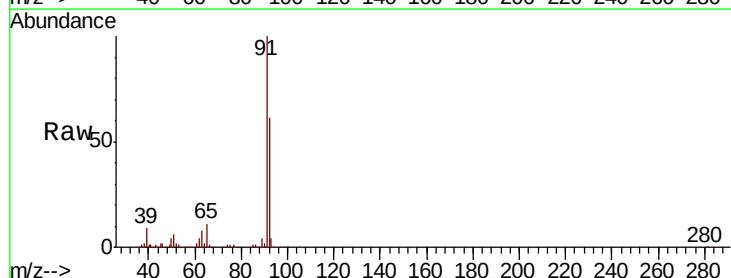
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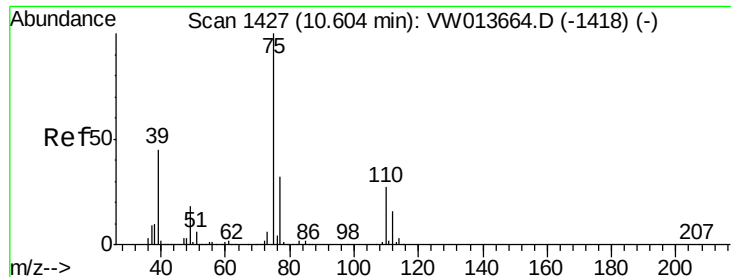
MMDadoda
10/25/2019 4:47:12 PM



#52
Toluene
Concen: 48.924 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 50.049 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 175335

Ion Ratio Lower Upper

75 100

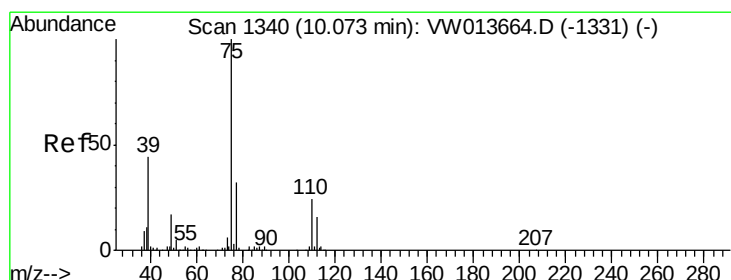
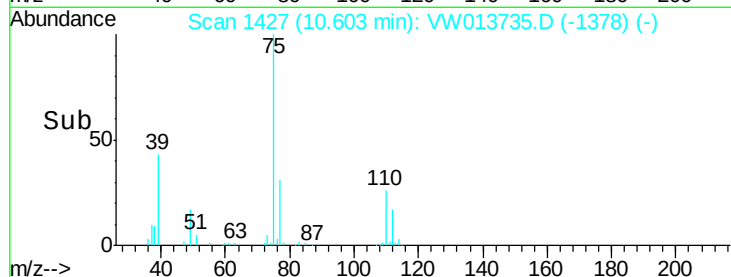
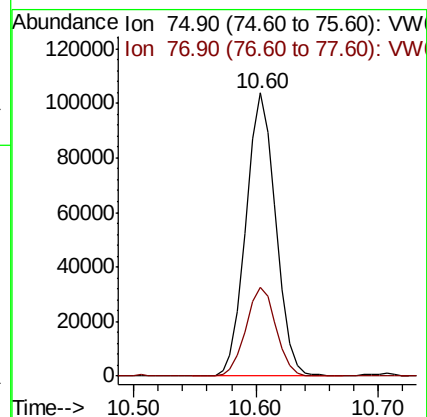
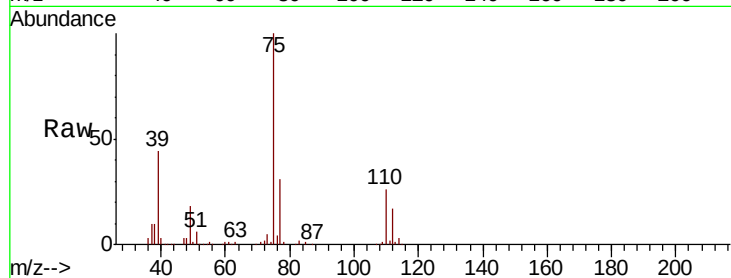
77 31.0 25.5 38.3

Manual Integrations

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MMDadoda

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#54

cis-1,3-Dichloropropene

Concen: 49.603 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

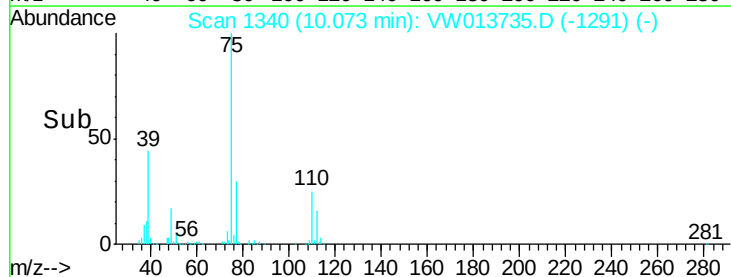
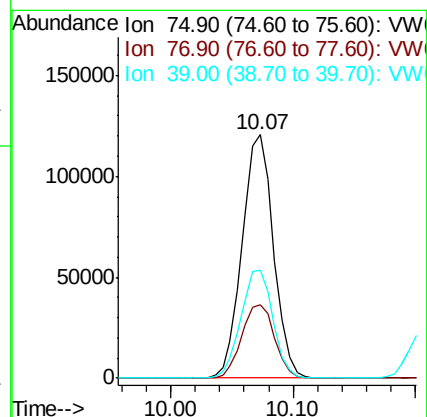
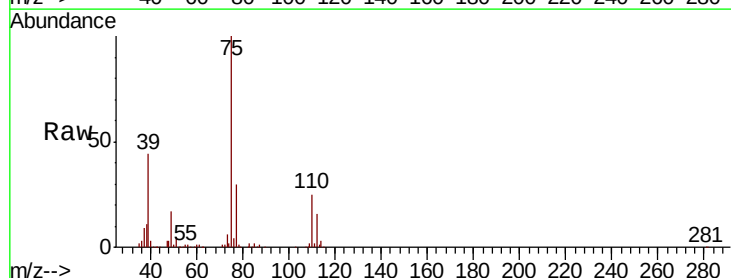
Tgt Ion: 75 Resp: 214394

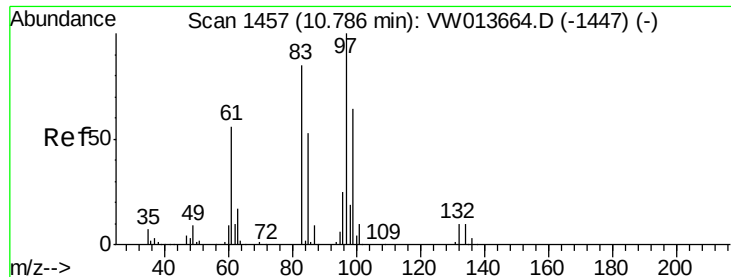
Ion Ratio Lower Upper

75 100

77 30.0 25.8 38.6

39 44.3 35.3 52.9





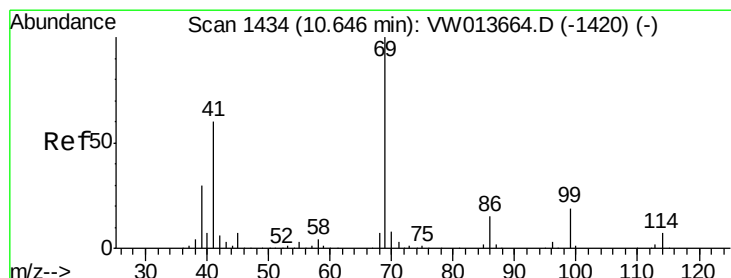
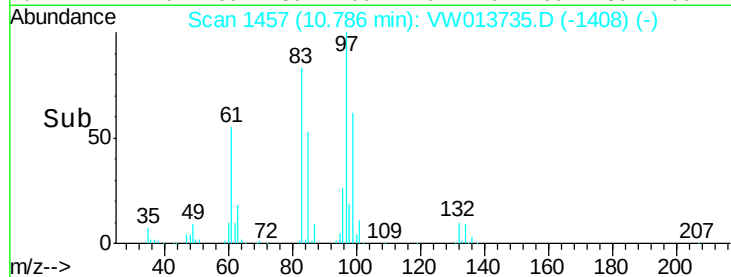
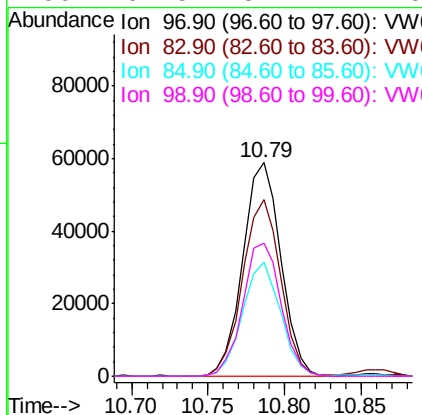
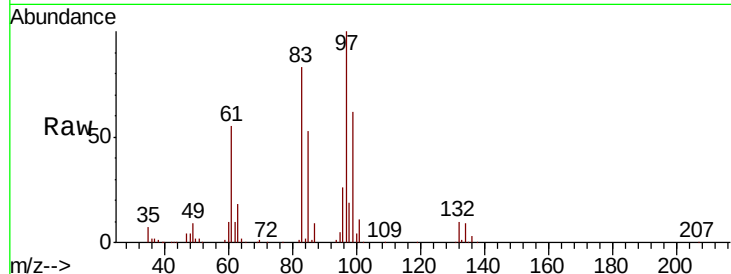
#55
1,1,2-Trichloroethane
Concen: 51.096 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.8	101.8
85	53.1	42.1	63.1
99	62.5	51.4	77.0

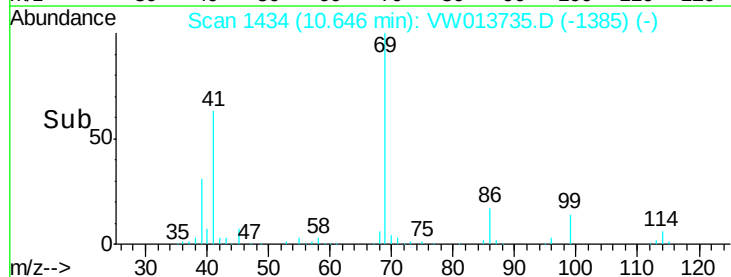
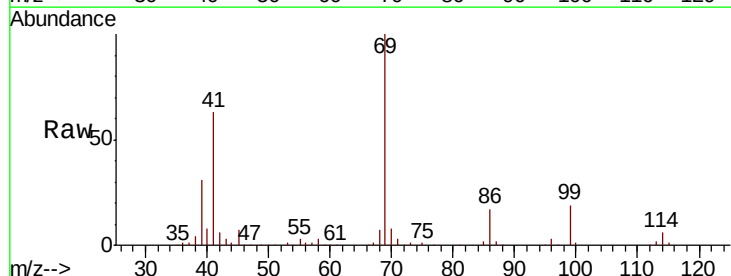
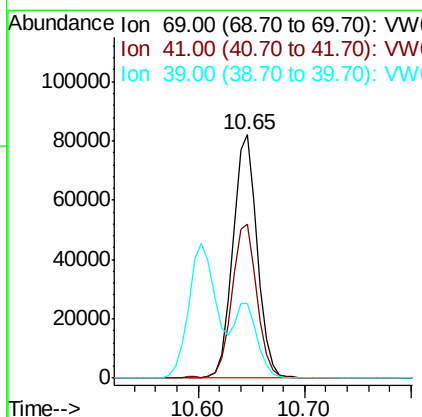
Manual Integrations
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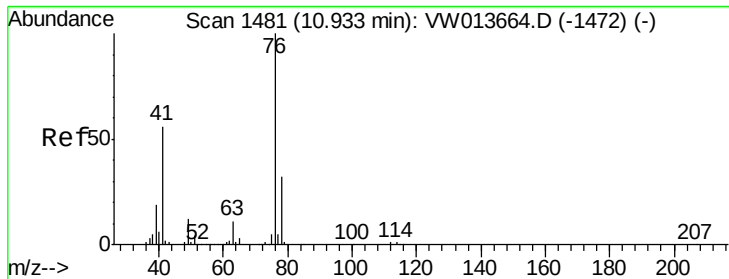
MMDadoda
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#56
Ethyl methacrylate
Concen: 52.661 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.6	51.6	77.4
39	28.6	22.4	33.6





#57

1,3-Dichloropropane

Concen: 51.441 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 175960

Ion Ratio Lower Upper

76 100

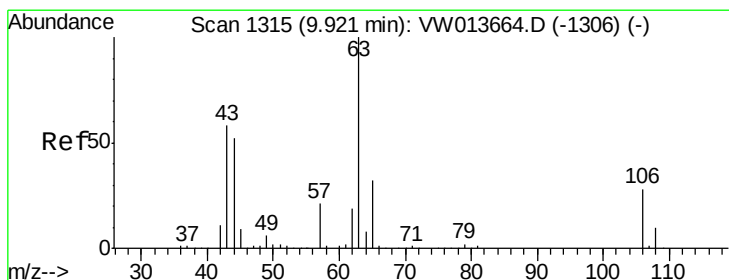
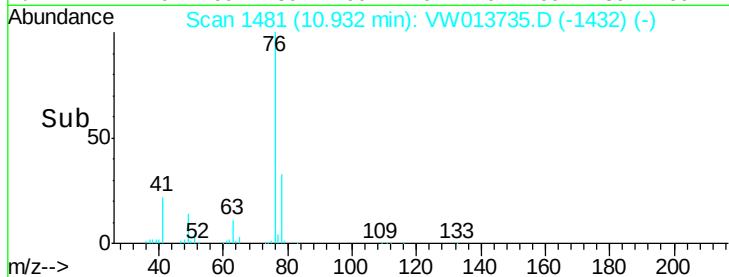
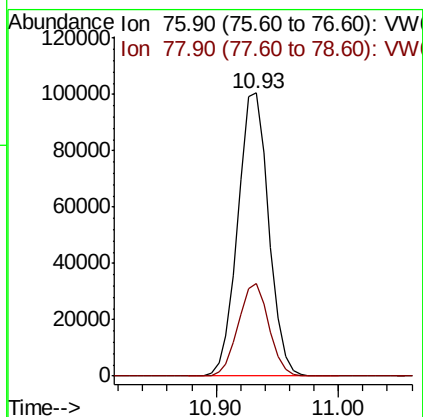
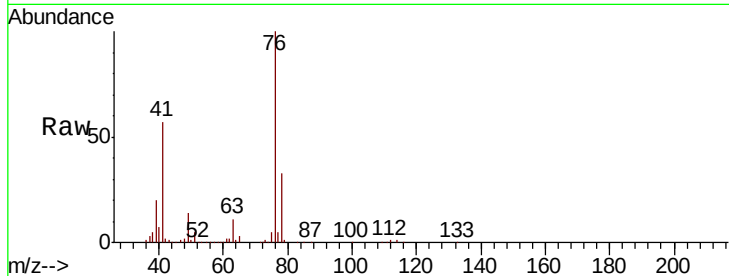
78 32.5 26.0 39.0

Manual Integrations

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10/25/2019 4:47:12 PM



#58

2-Chloroethyl Vinyl ether

Concen: 259.686 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW013735.D

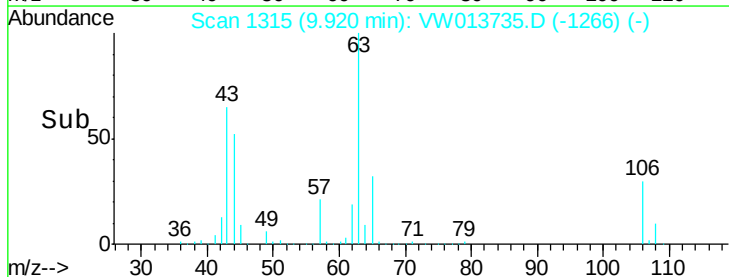
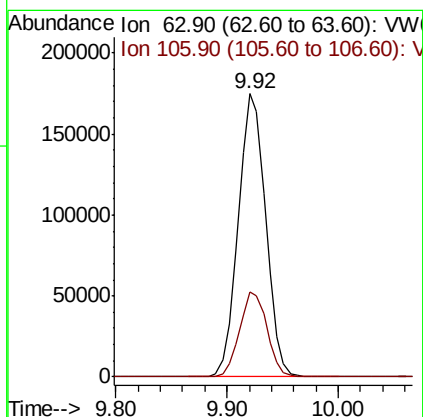
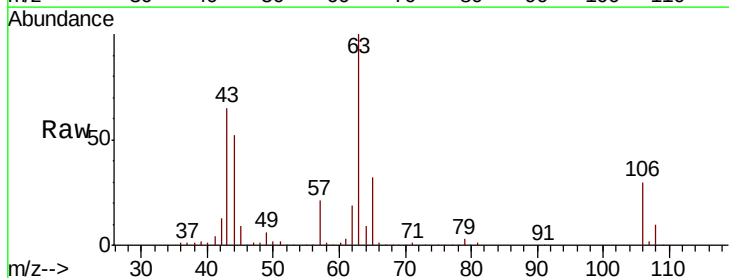
Acq: 25 Oct 2019 01:49

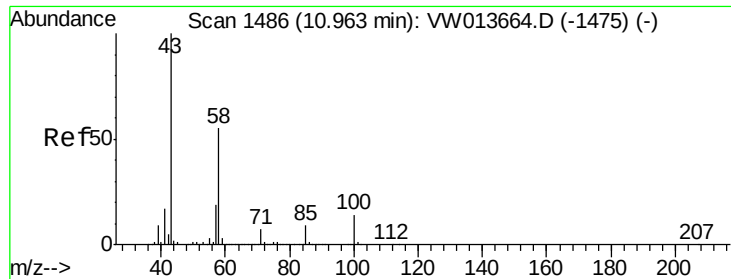
Tgt Ion: 63 Resp: 298056

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.8





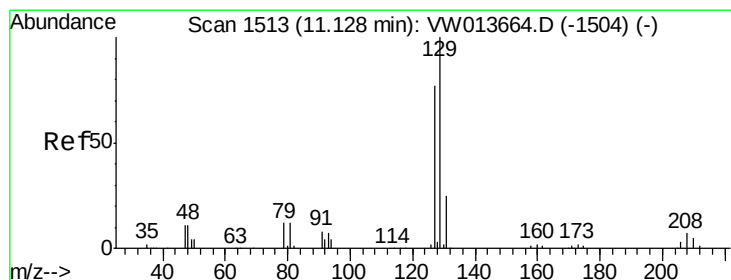
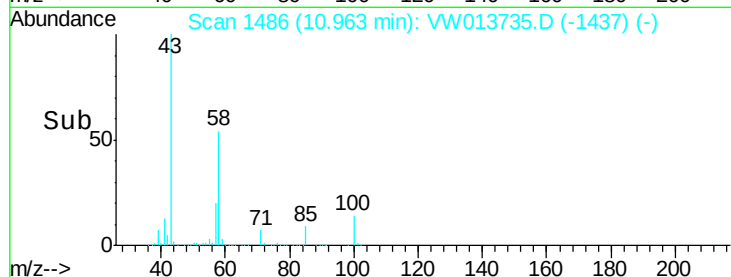
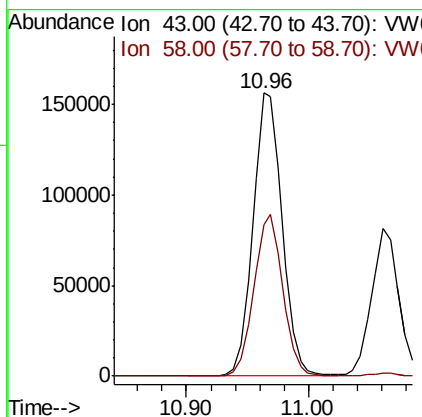
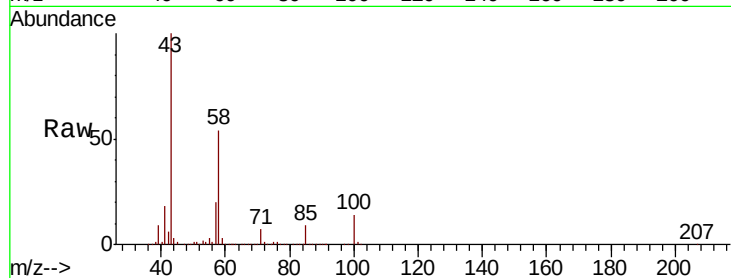
#59
2-Hexanone
Concen: 254.221 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	260139
Ion Ratio	100	Lower	Upper
43	100		
58	56.4	27.9	83.7

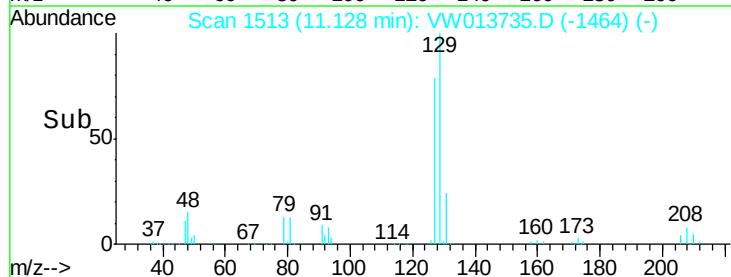
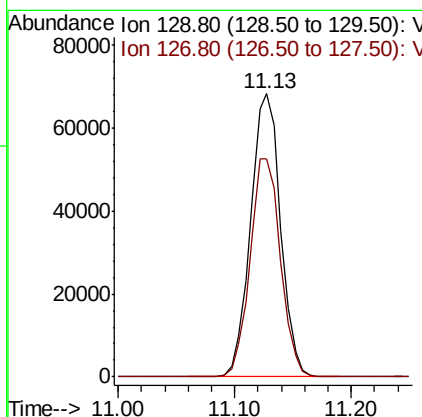
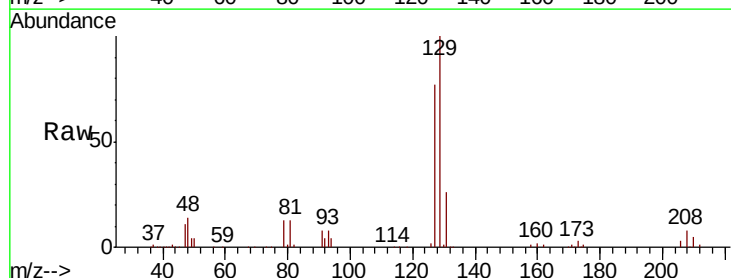
Manual Integrations
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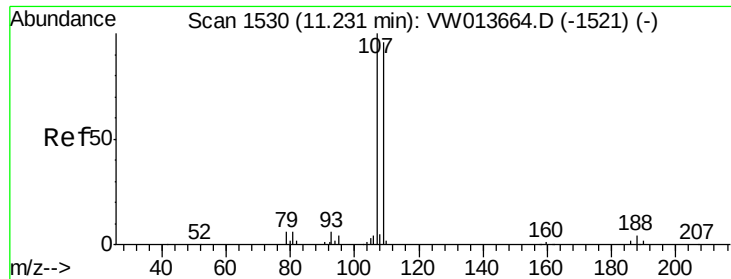
MMDadoda
10/25/2019 4:47:12 PM



#60
Dibromochloromethane
Concen: 51.553 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	129	Resp	122007	
Ion Ratio	129	100	Lower	Upper
129	100			
127	78.3	38.9	116.7	





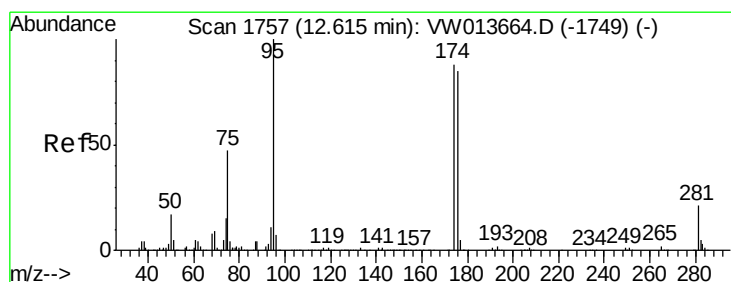
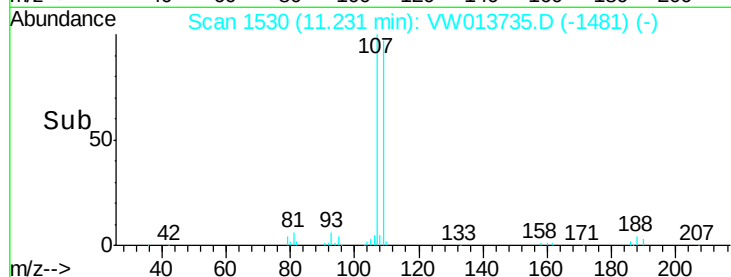
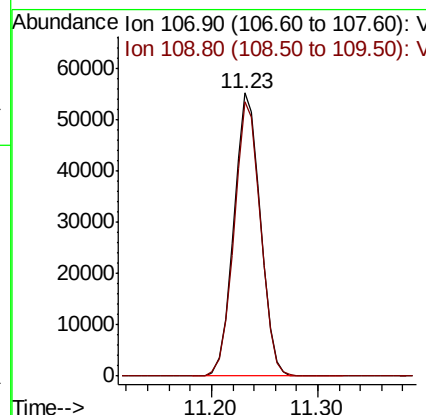
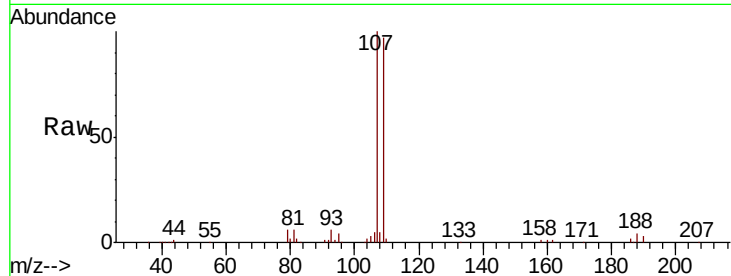
#61
 1,2-Dibromoethane
 Concen: 51.040 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 96250
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.7 113.5

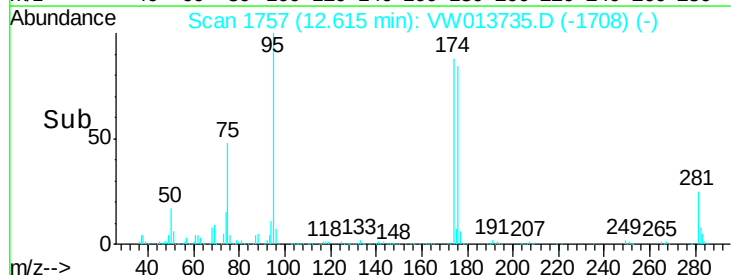
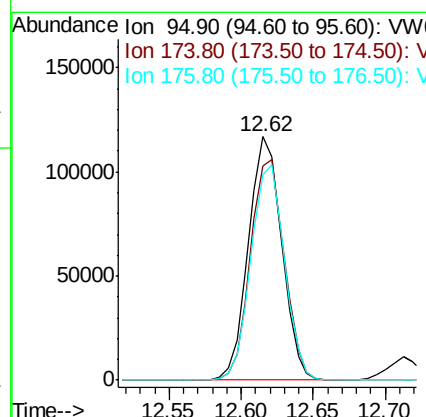
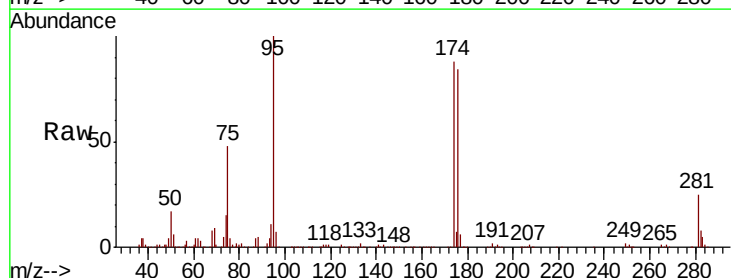
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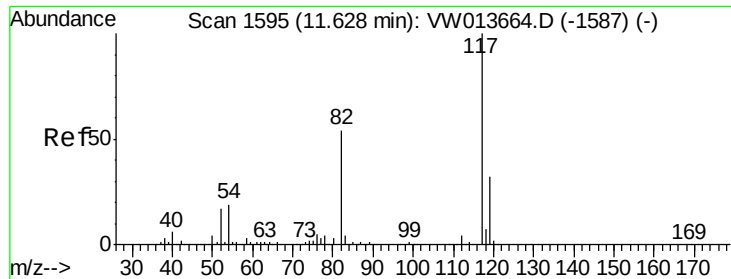
MMDadoda
 10/25/2019 4:47:12 PM



#62
 4-Bromofluorobenzene
 Concen: 55.714 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion: 95 Resp: 186967
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 183.6
 176 89.2 0.0 178.0





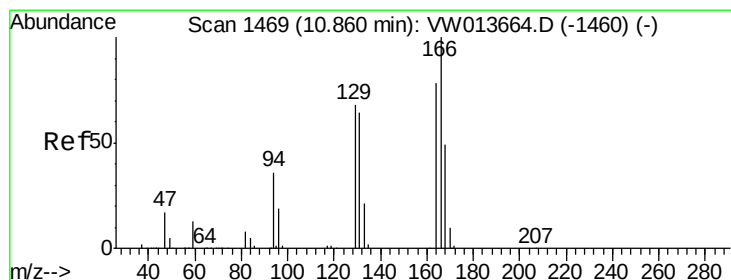
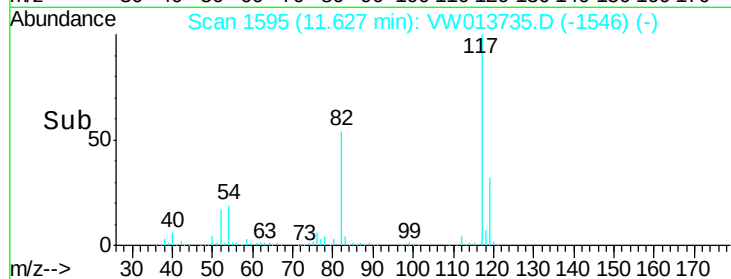
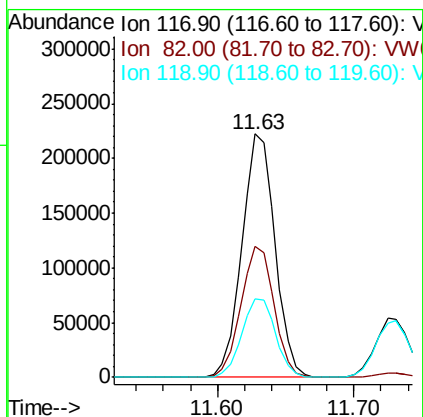
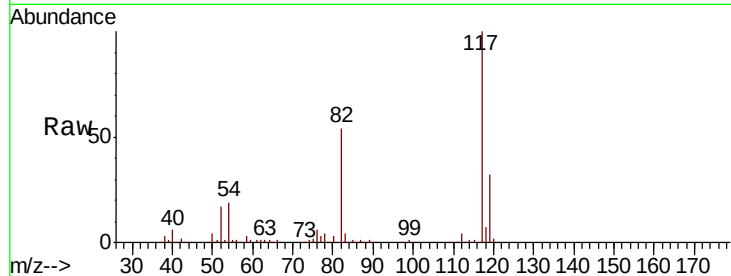
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.6	65.4
119	32.0	25.4	38.2

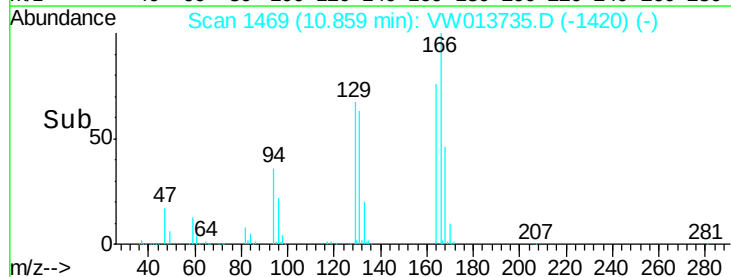
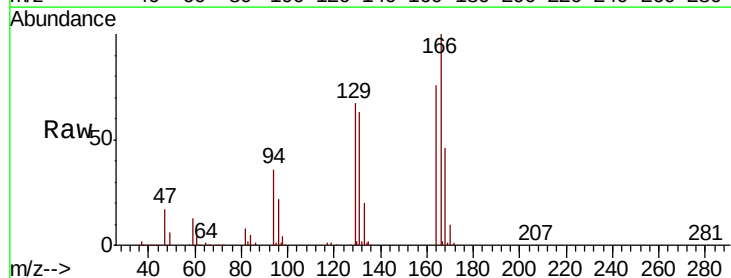
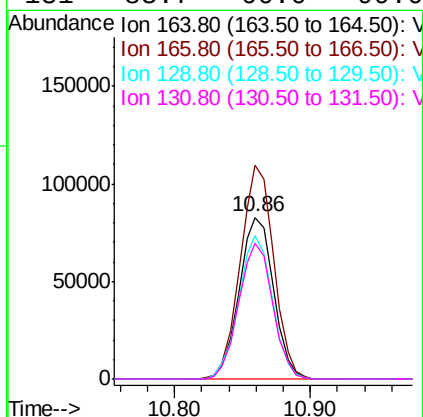
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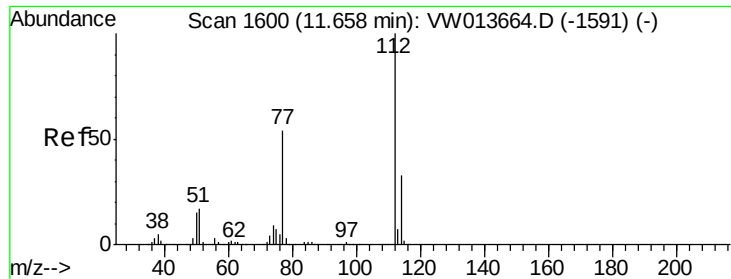
MMDadoda
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#64
Tetrachloroethene
Concen: 50.495 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	103.2	154.8
129	88.8	70.6	105.8
131	83.7	66.0	99.0





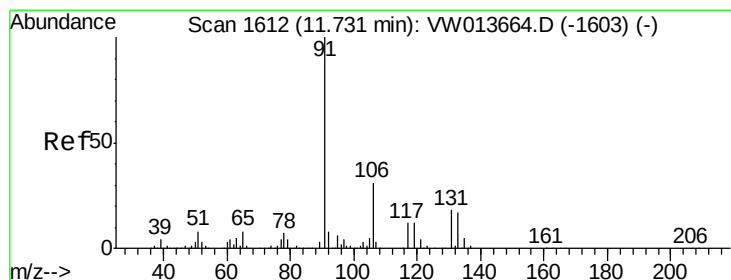
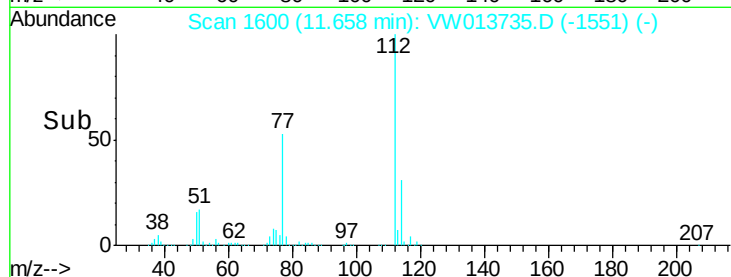
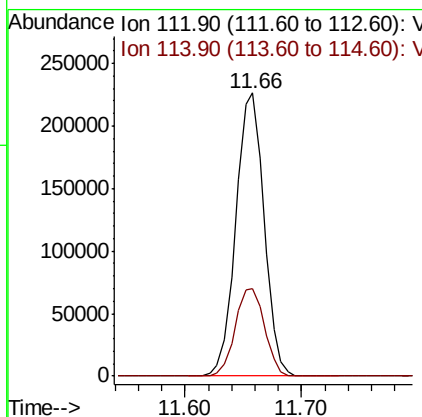
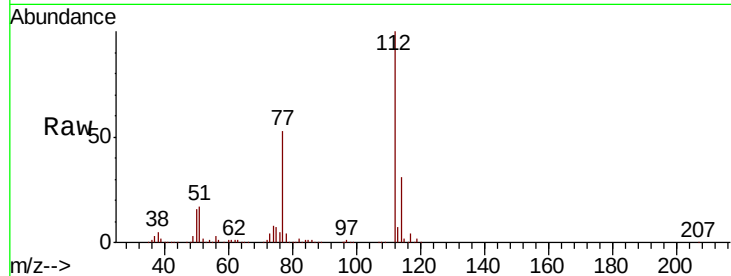
#65
Chlorobenzene
Concen: 49.295 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.2	39.4

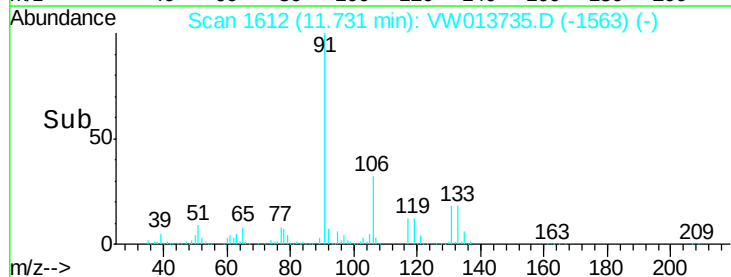
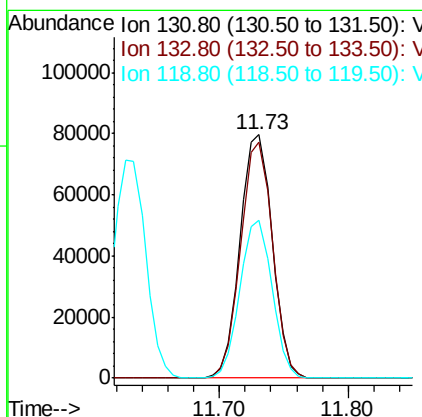
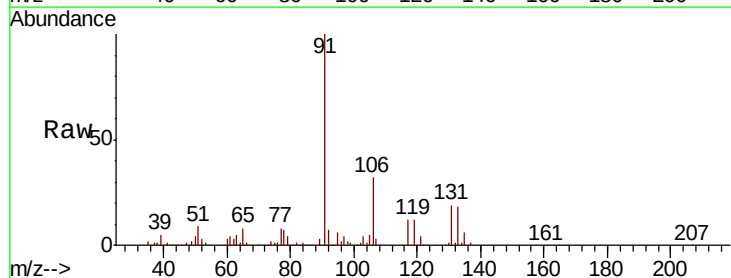
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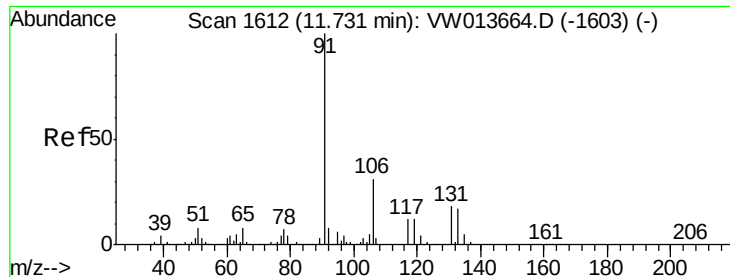
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.019 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.4	142.3
119	64.7	33.1	99.2





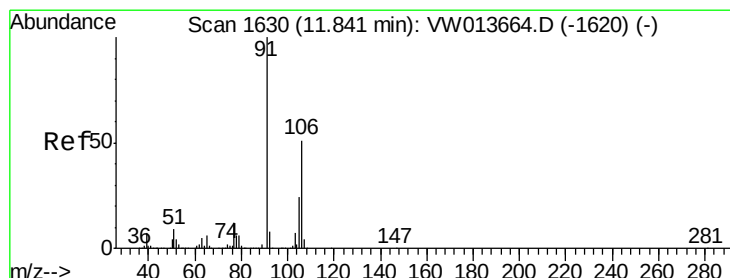
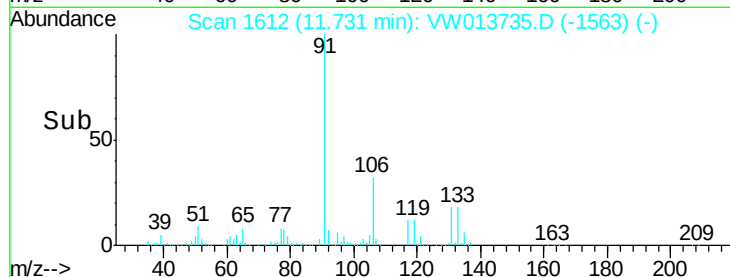
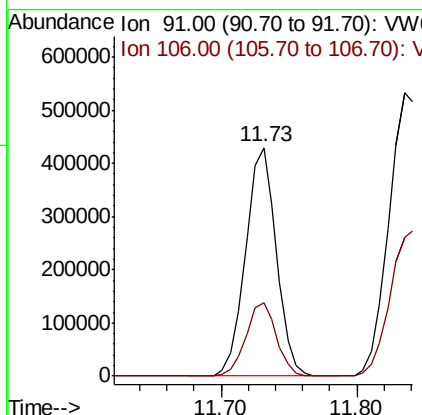
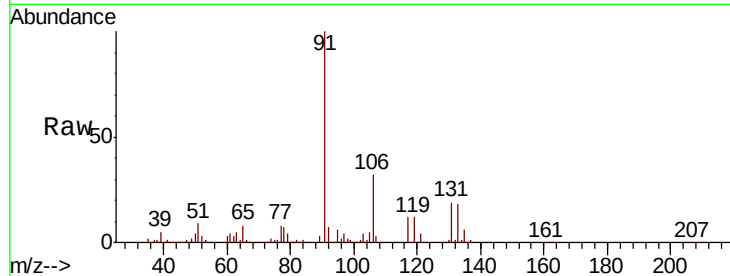
#67
Ethyl Benzene
Concen: 48.633 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 679906
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6

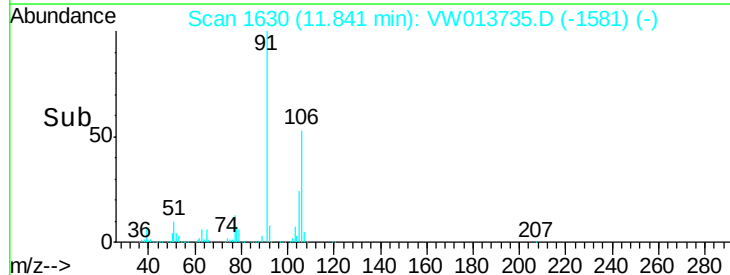
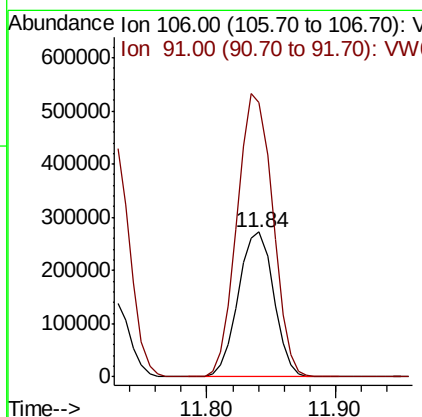
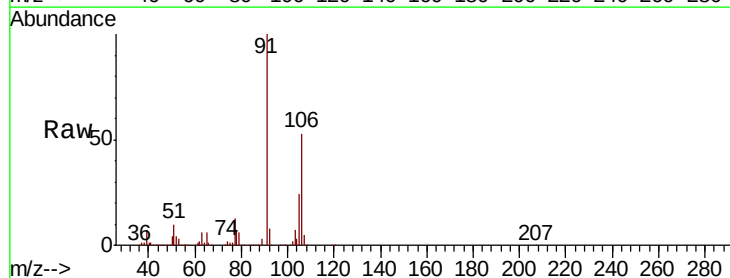
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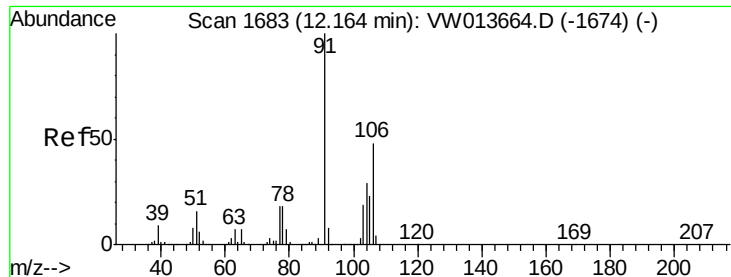
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#68
m/p-Xylenes
Concen: 96.081 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion: 106 Resp: 518968
Ion Ratio Lower Upper
106 100
91 197.6 159.2 238.8





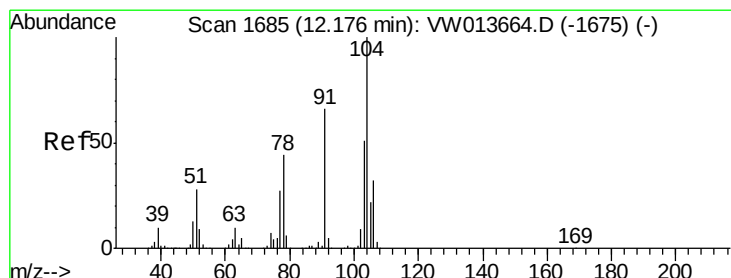
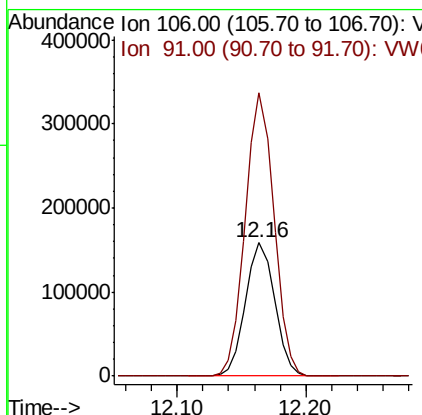
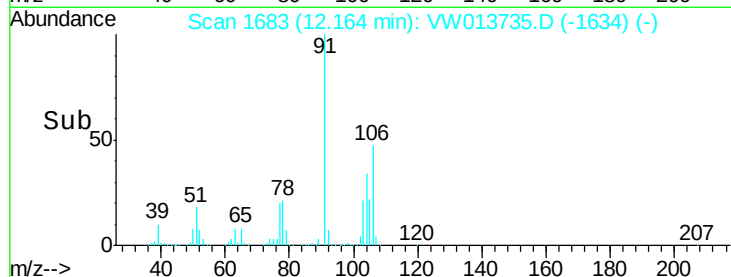
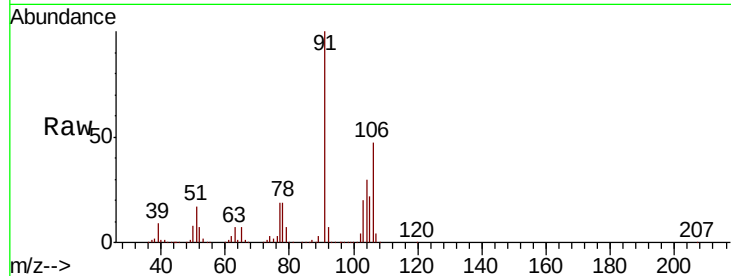
#69
o-Xylene
Concen: 50.258 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		249517		
91	208.3	104.9	314.7		

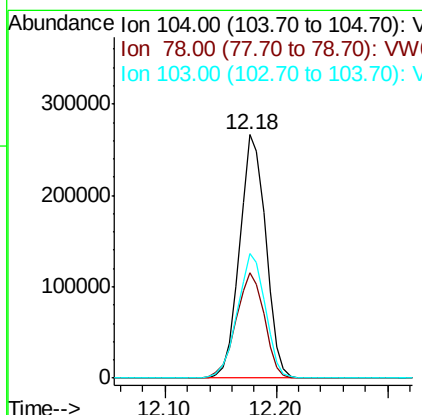
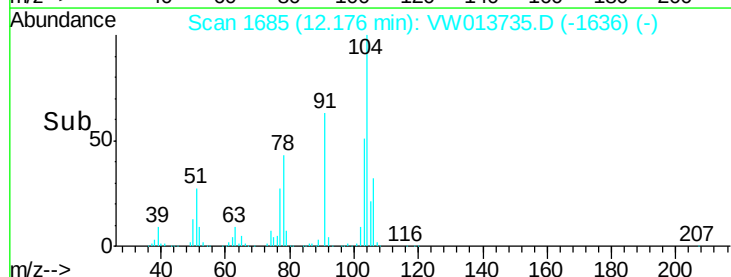
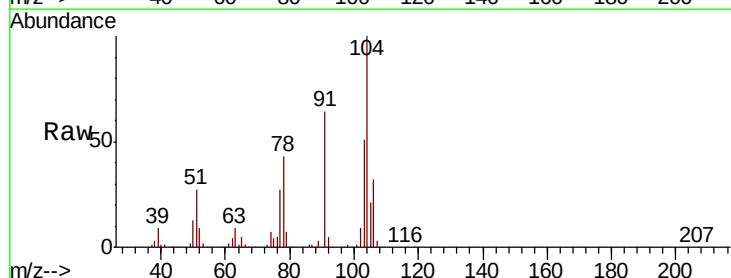
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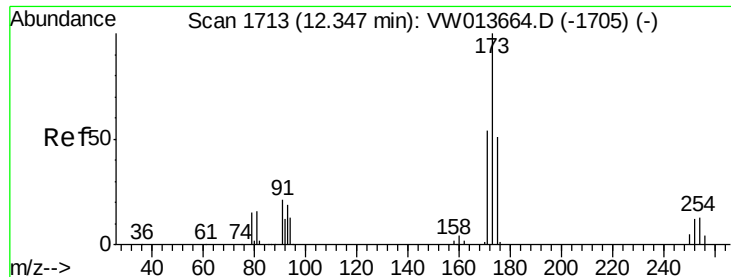
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#70
Styrene
Concen: 50.846 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		433727		
78	46.7	37.1	55.7		
103	54.5	43.6	65.4		





#71

Bromoform

Concen: 52.670 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 74791

Ion Ratio Lower Upper

173 100

175 48.1 25.2 75.6

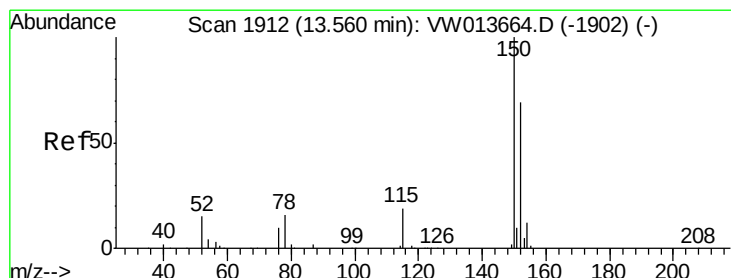
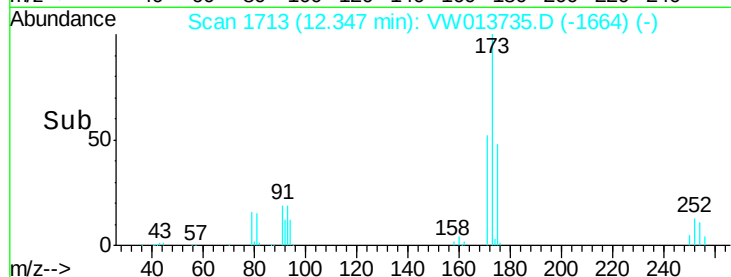
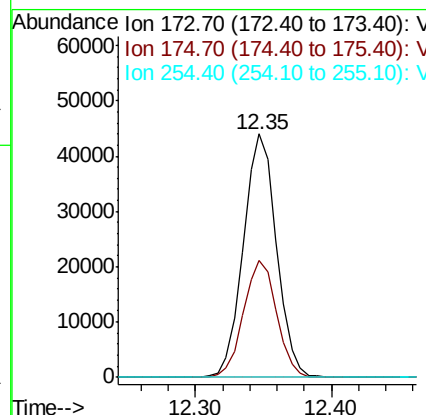
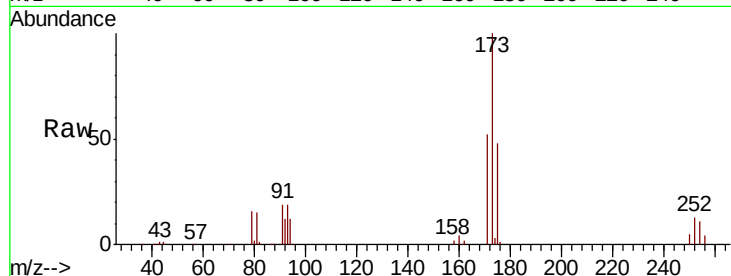
254 0.1 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

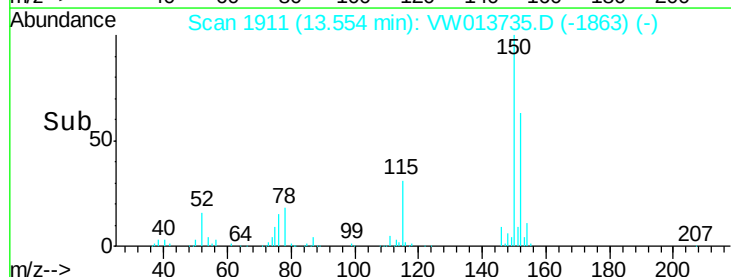
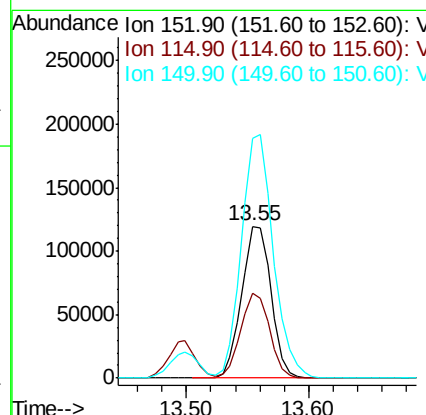
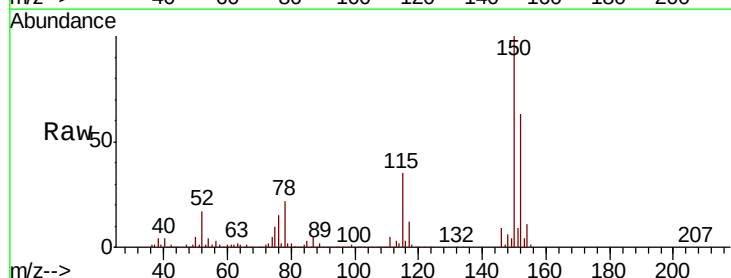
Tgt Ion:152 Resp: 198080

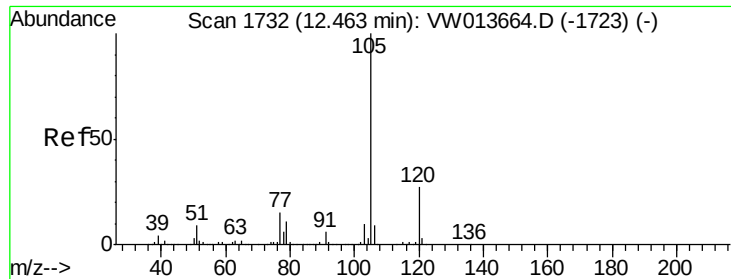
Ion Ratio Lower Upper

152 100

115 55.1 27.4 82.2

150 174.5 0.0 345.4





#73

Isopropylbenzene

Concen: 47.304 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 672895

Ion Ratio Lower Upper

105 100

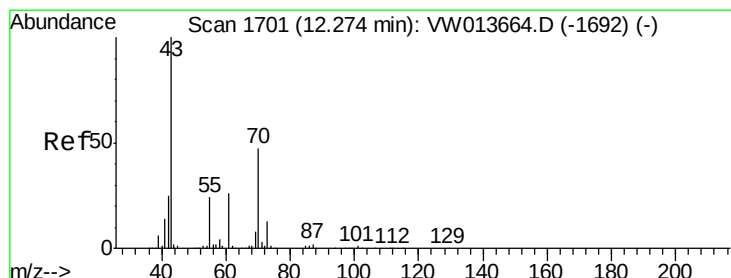
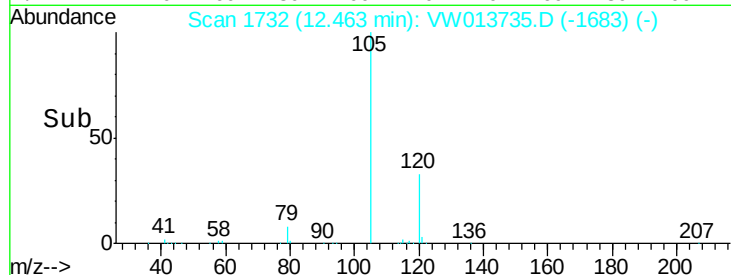
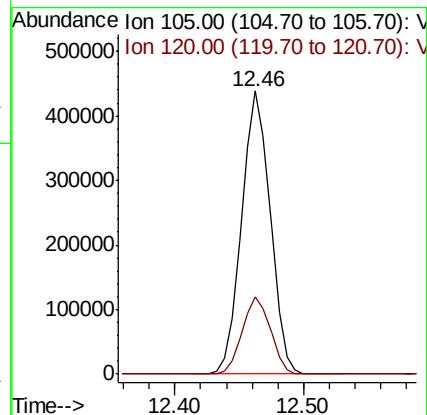
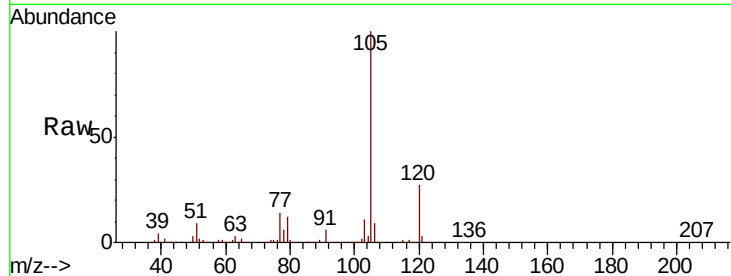
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.363 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion: 43 Resp: 135832

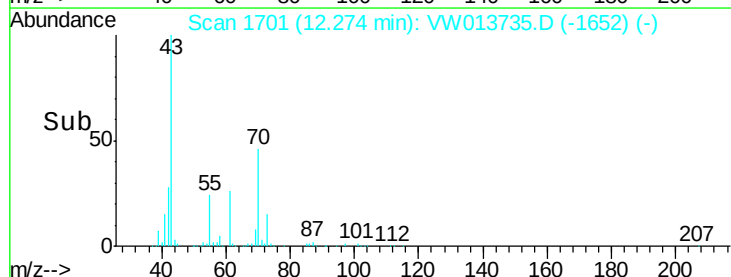
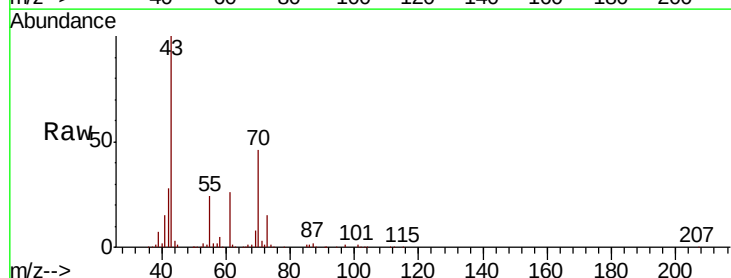
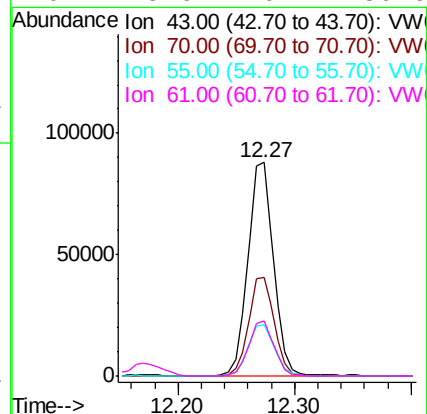
Ion Ratio Lower Upper

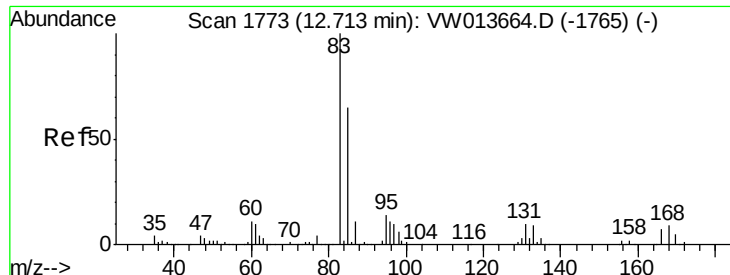
43 100

70 46.1 36.6 55.0

55 24.9 20.3 30.5

61 25.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.742 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

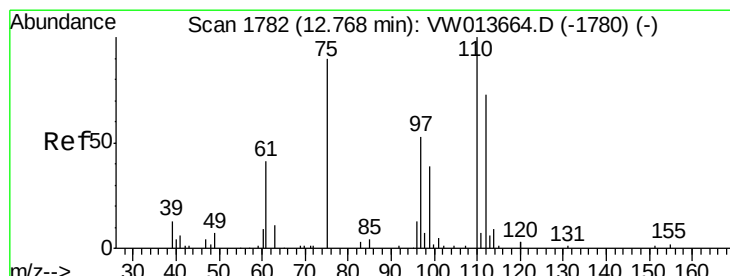
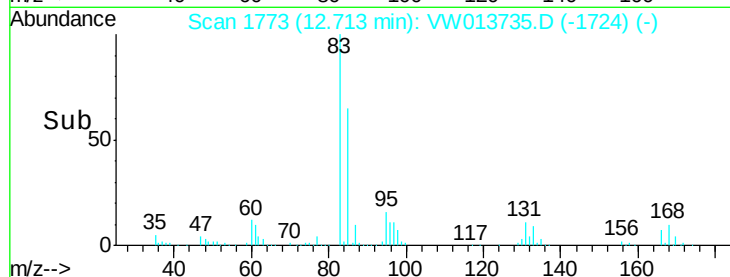
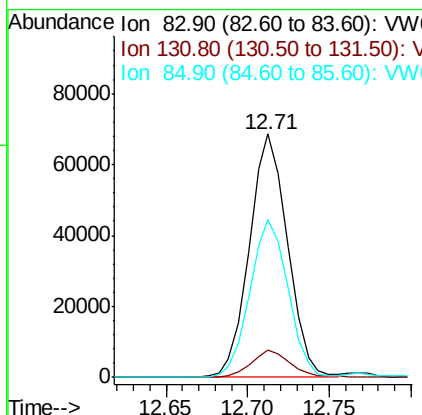
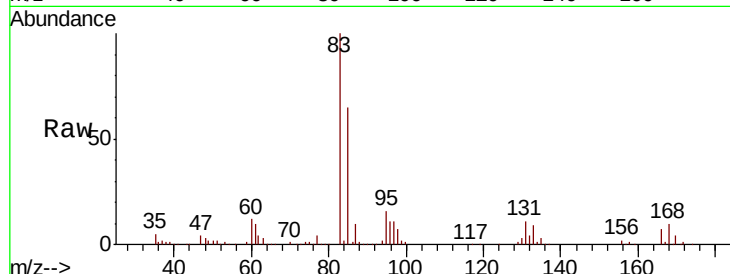
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	111657
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.1
85	64.6	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 49.219 ug/l m

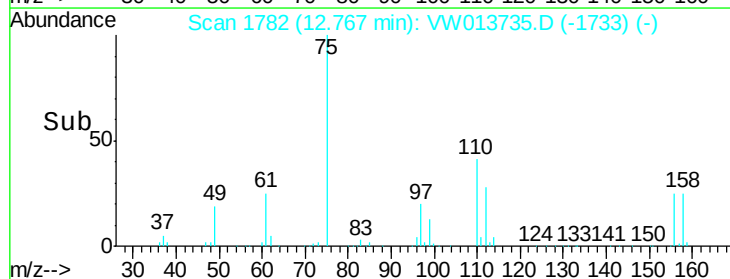
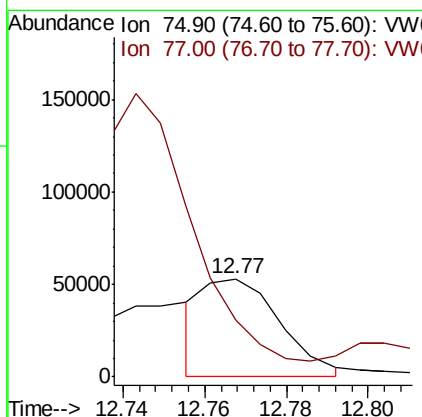
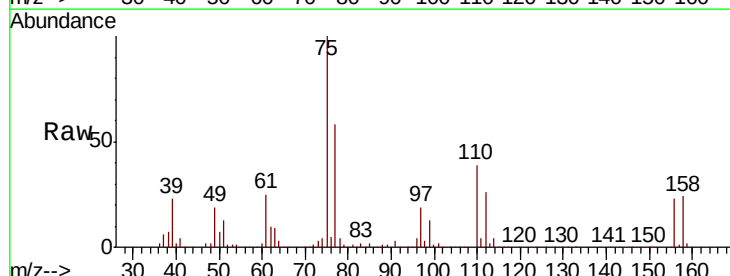
RT: 12.77 min Scan# 1782

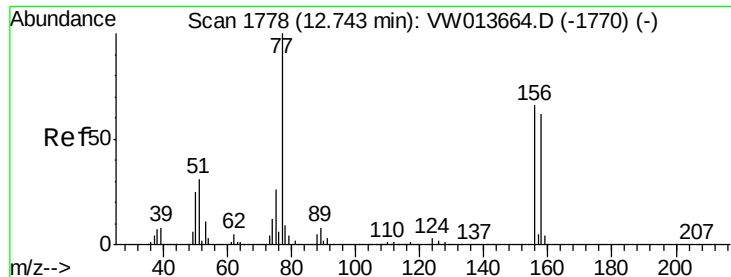
Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion:	75	Resp:	70013
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.003 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

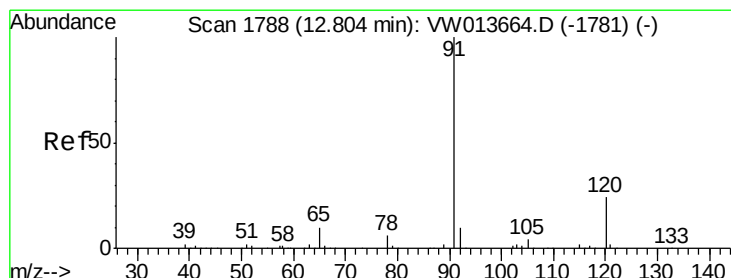
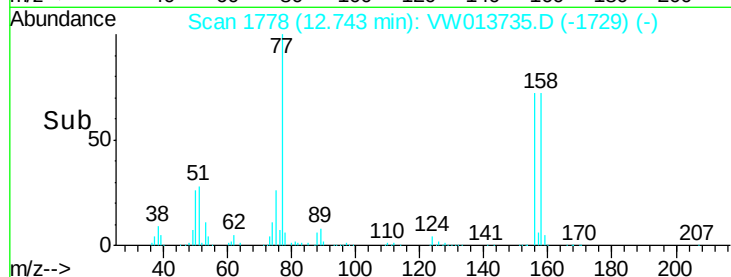
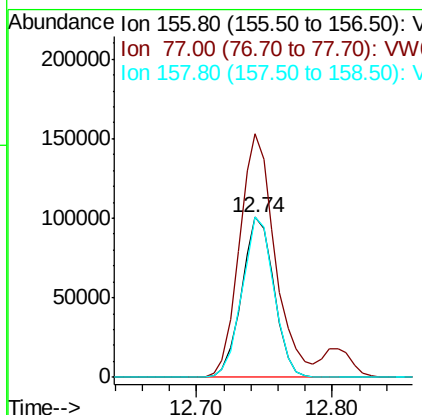
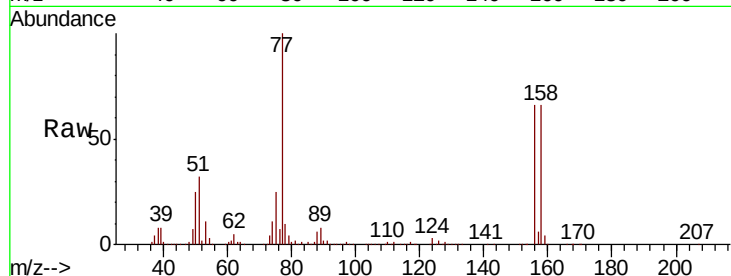
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	166518
Ion Ratio	Lower	Upper	
156	100		
77	167.6	82.9	248.7
158	98.7	48.4	145.2

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#78

n-propylbenzene

Concen: 47.885 ug/l

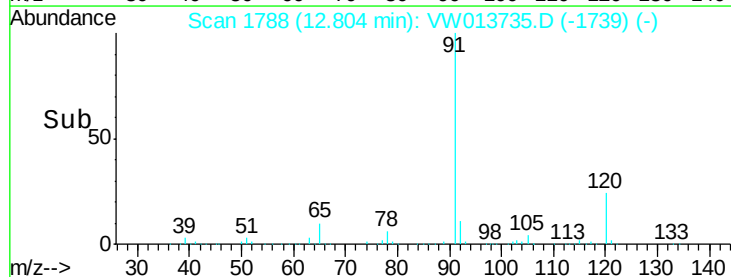
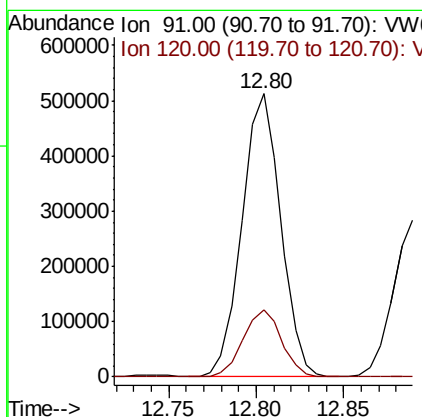
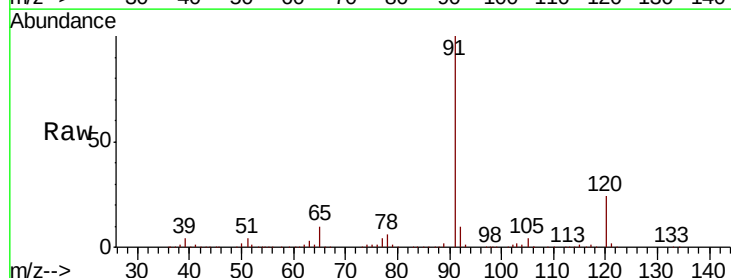
RT: 12.80 min Scan# 1788

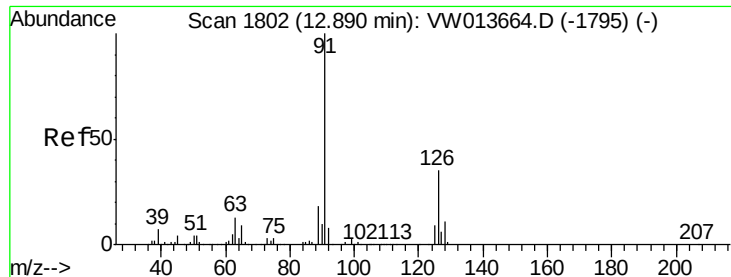
Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion:	91	Resp:	788393
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 48.537 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 449082

Ion Ratio Lower Upper

91 100

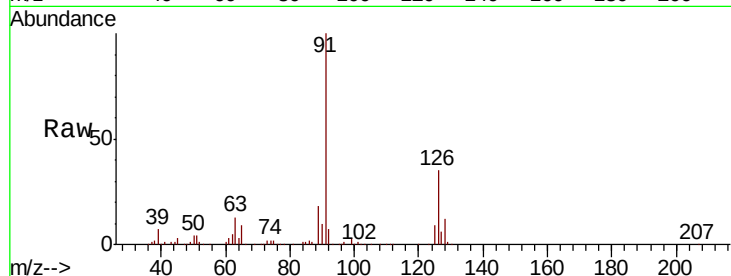
126 35.2 17.4 52.2

Manual Integrations

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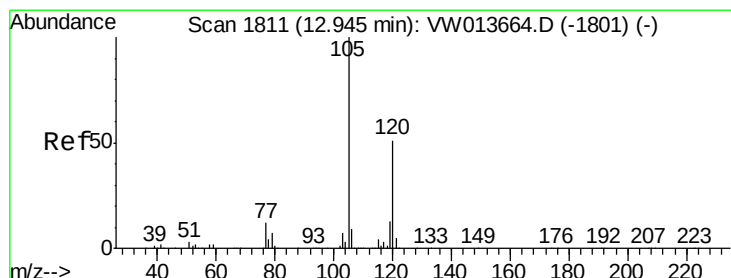
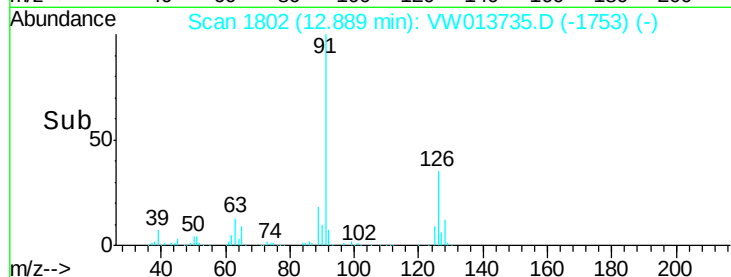
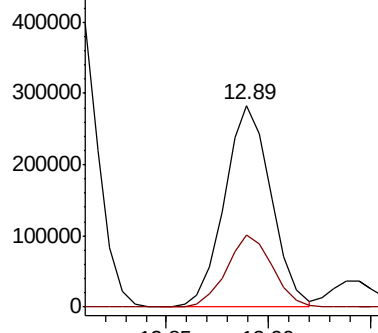
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.035 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013735.D

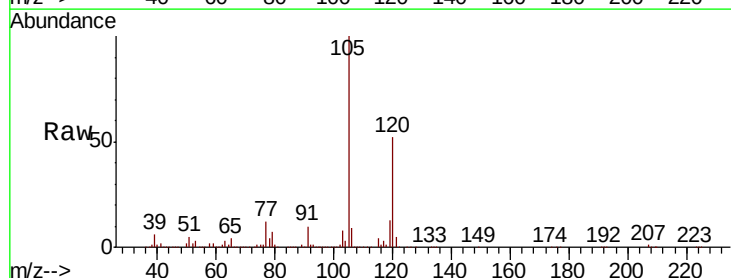
Acq: 25 Oct 2019 01:49

Tgt Ion:105 Resp: 576807

Ion Ratio Lower Upper

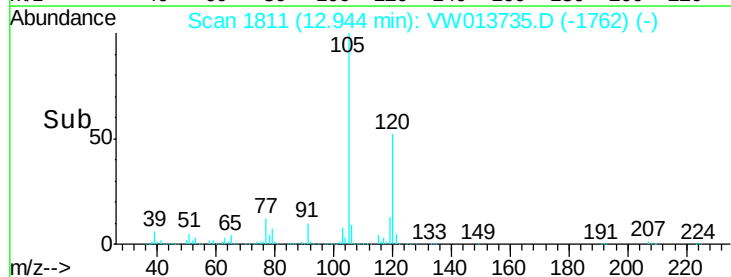
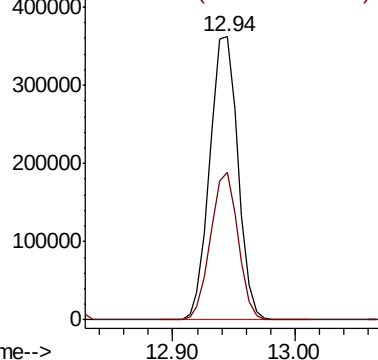
105 100

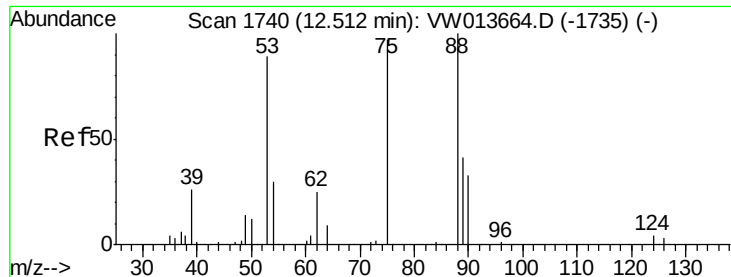
120 51.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





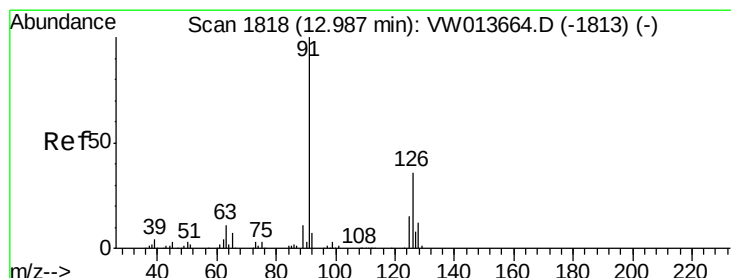
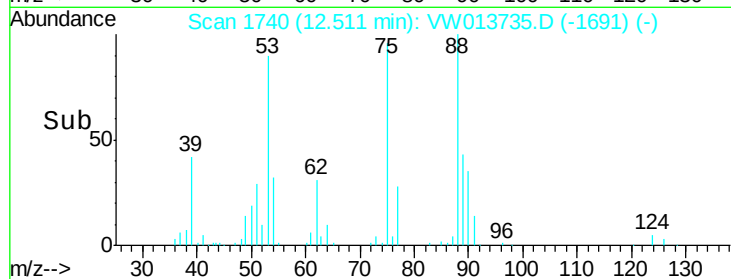
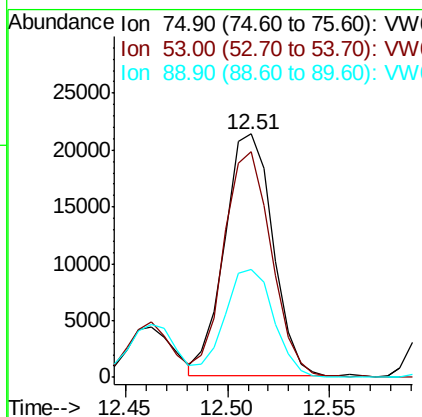
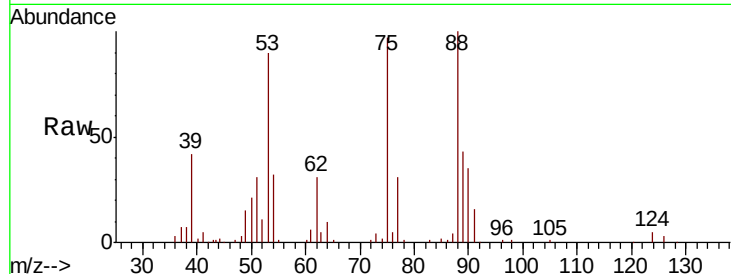
#81
trans-1,4-Dichloro-2-butene
Concen: 46.469 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.7	71.7	107.5
89	46.1	35.8	53.8

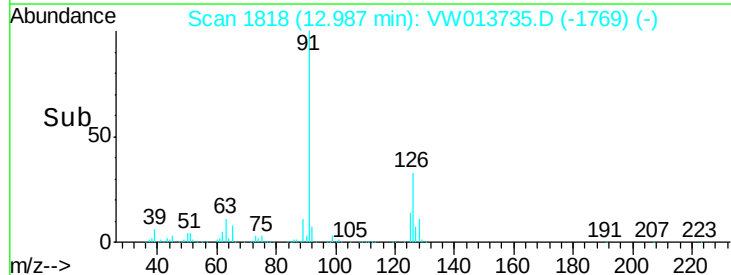
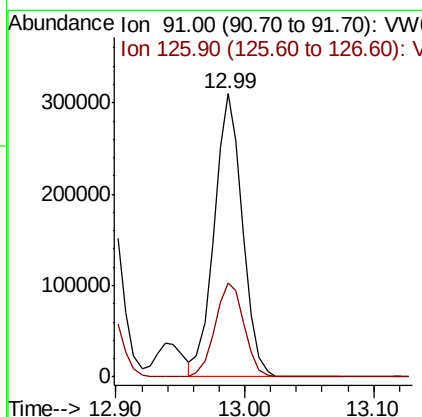
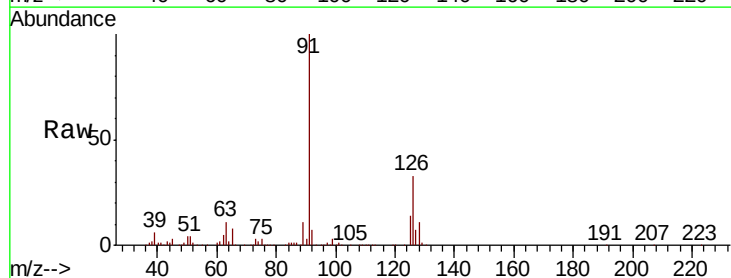
Manual Integrations
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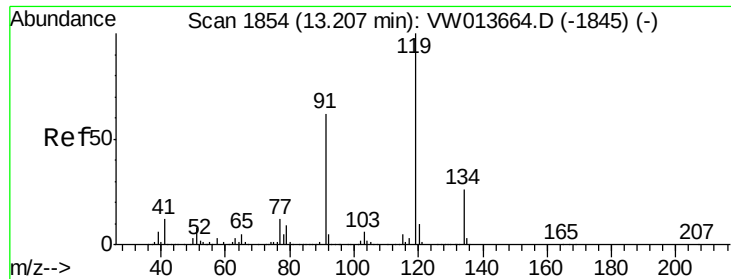
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#82
4-Chlorotoluene
Concen: 48.882 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.2	51.5





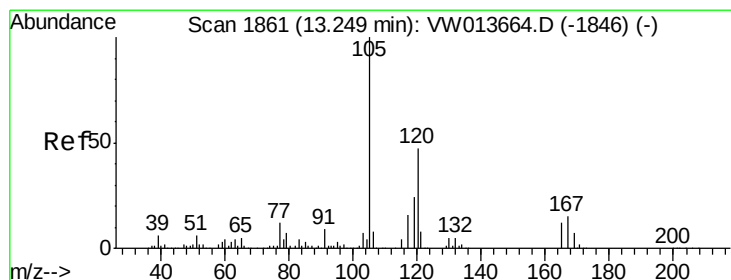
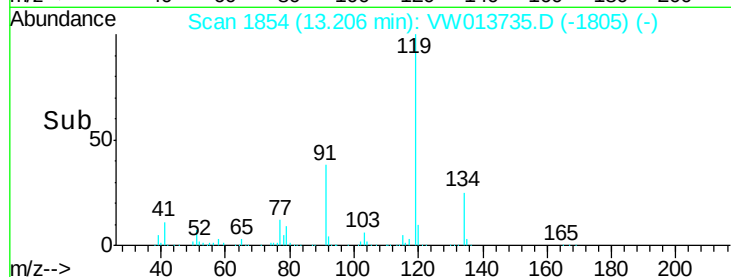
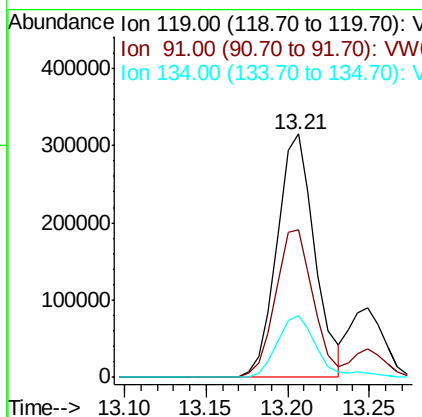
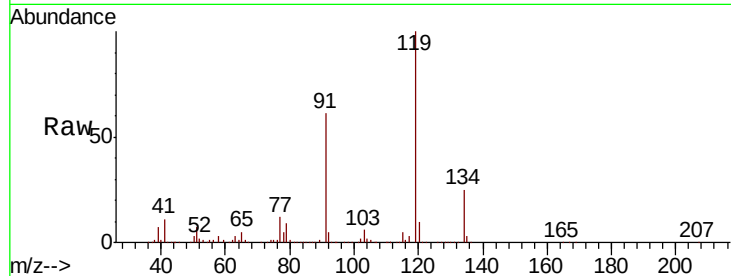
#83
 tert-Butylbenzene
 Concen: 47.701 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.4	91.3
134	27.1	13.6	40.8

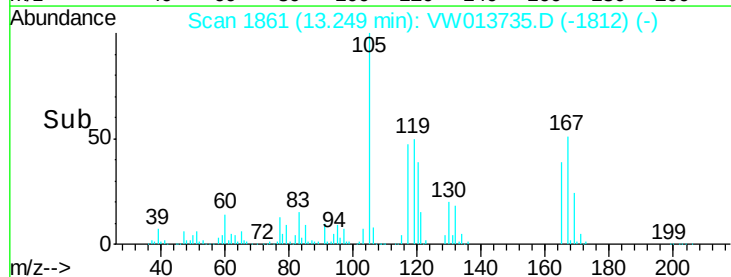
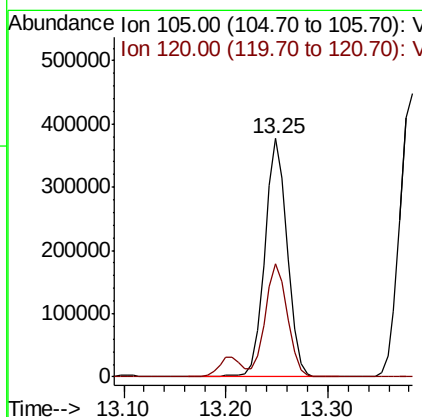
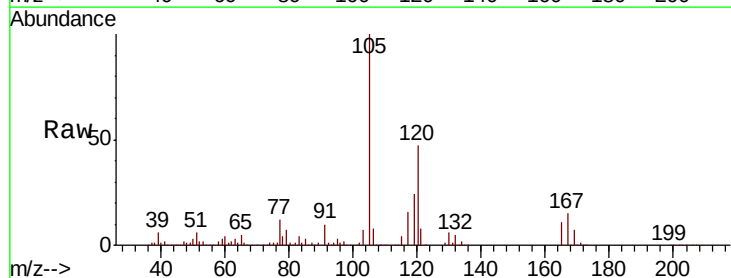
Manual Integrations
 APPROVED

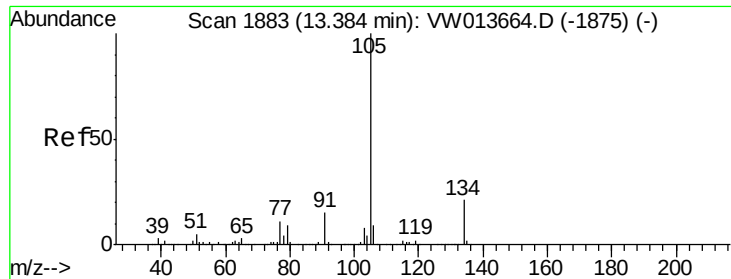
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.457 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.5	70.5





#85

sec-Butylbenzene

Concen: 47.020 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 685352

Ion Ratio Lower Upper

105 100

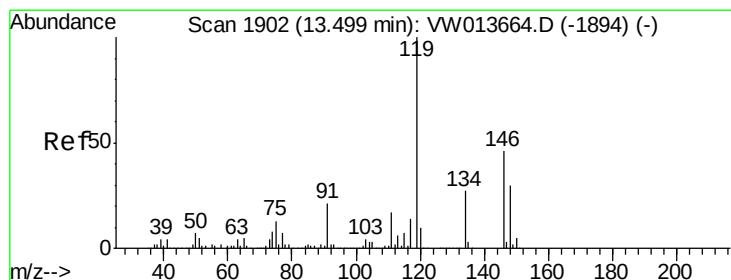
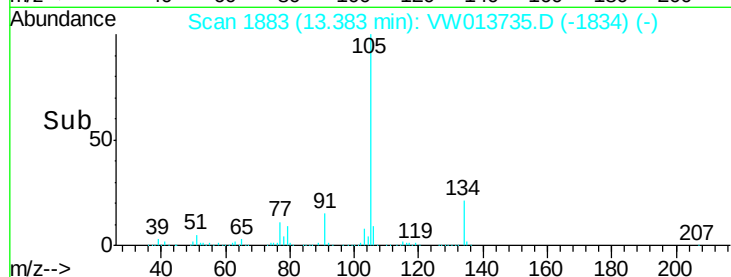
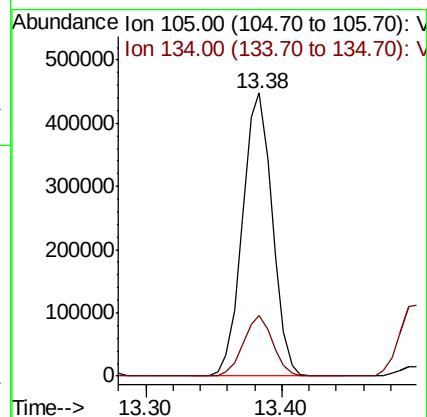
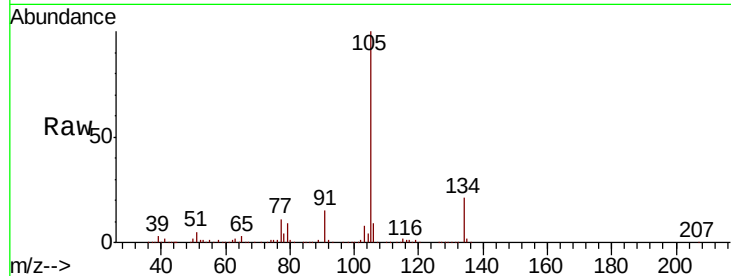
134 21.0 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 47.708 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

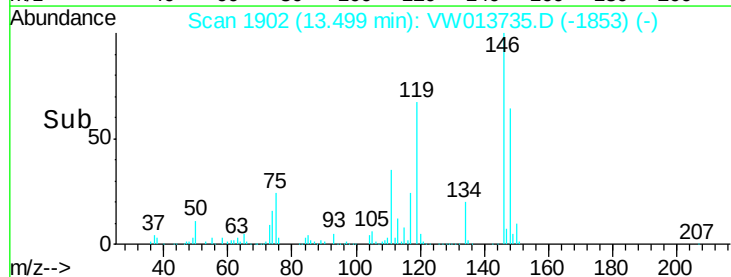
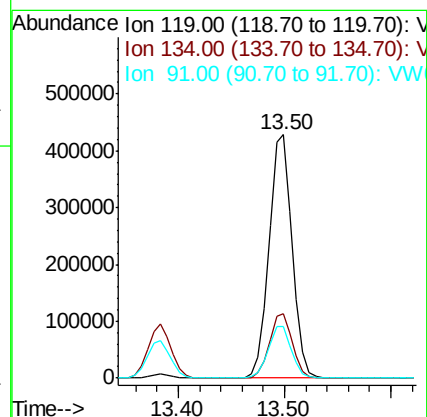
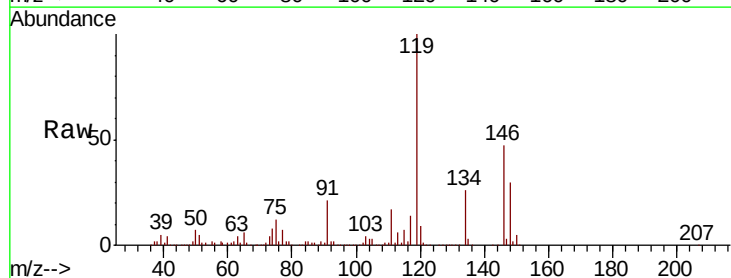
Tgt Ion:119 Resp: 647750

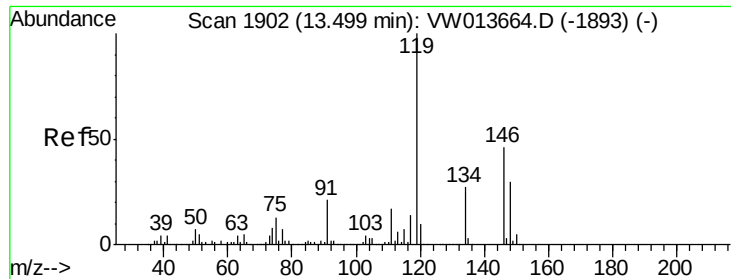
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 21.3 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 48.081 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

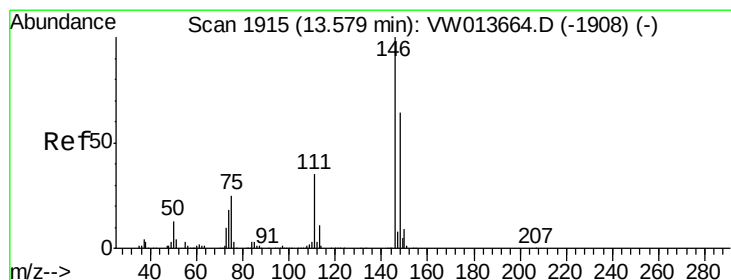
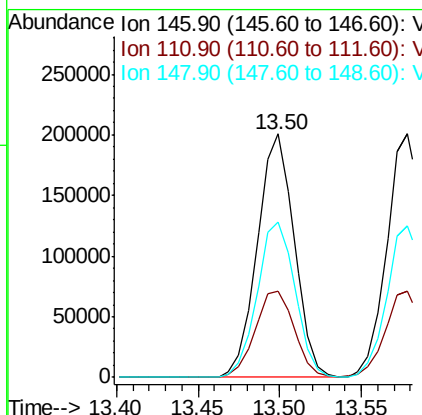
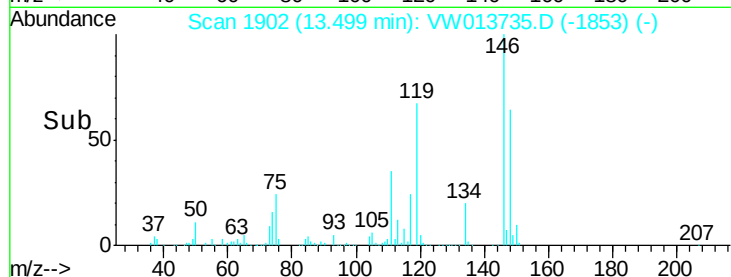
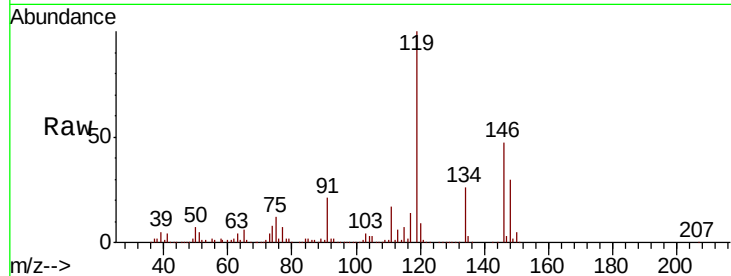
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	65.5	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.893 ug/l

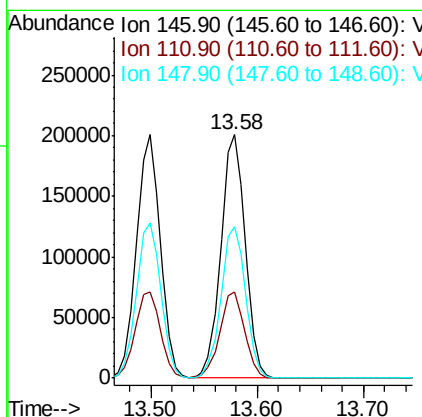
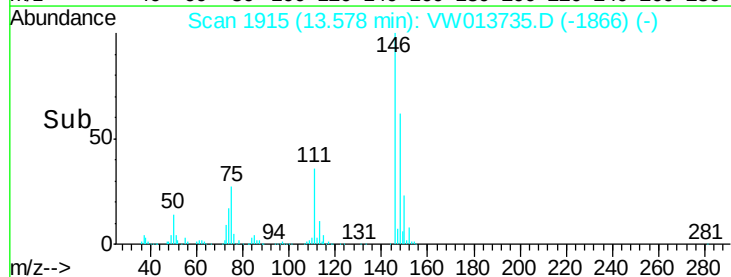
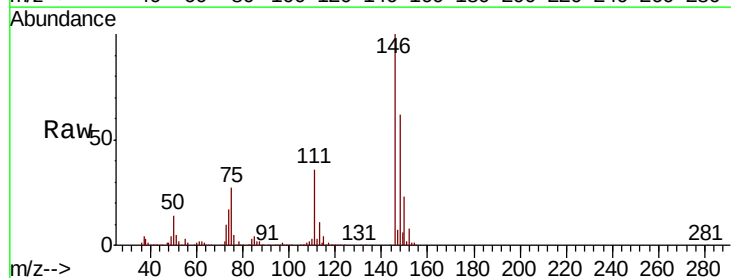
RT: 13.58 min Scan# 1915

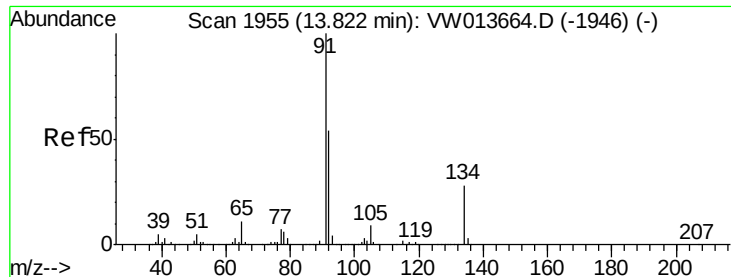
Delta R.T. -0.00 min

Lab File: VW013735.D

Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.3
148	63.3	32.0	96.2





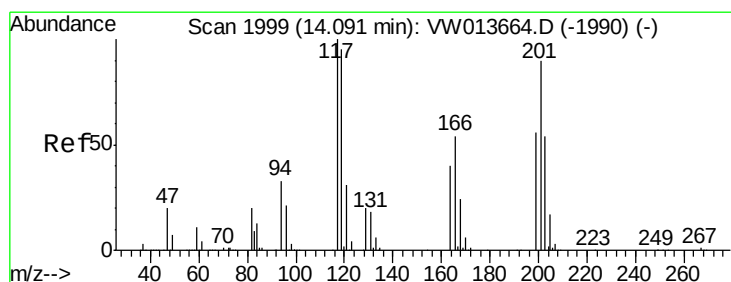
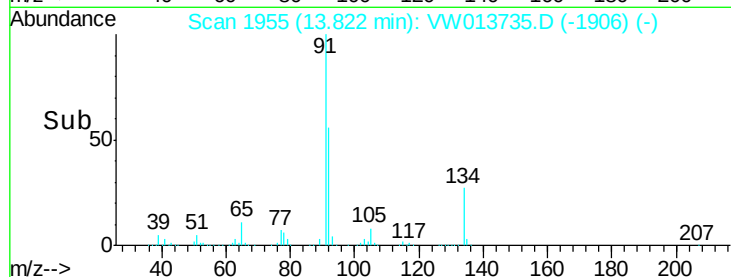
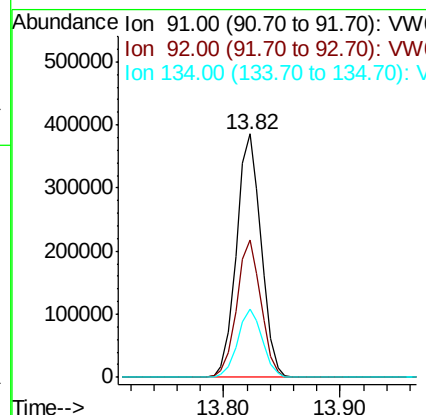
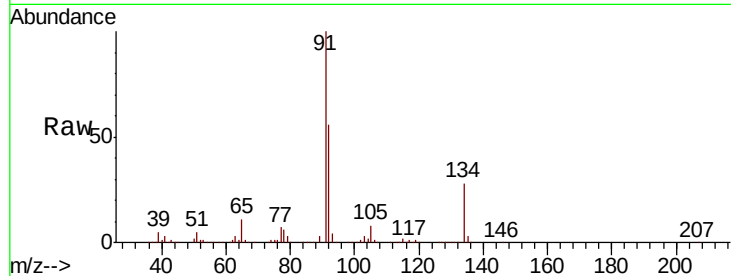
#89
n-Butylbenzene
Concen: 46.391 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.5	82.4
134	28.1	14.0	41.9

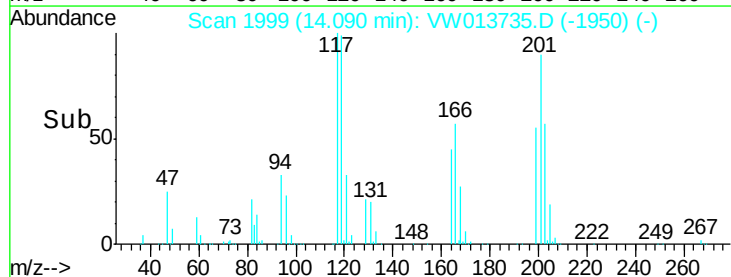
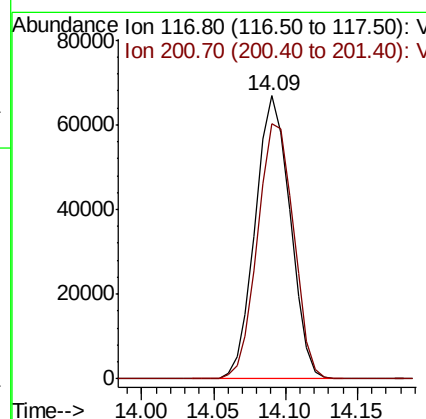
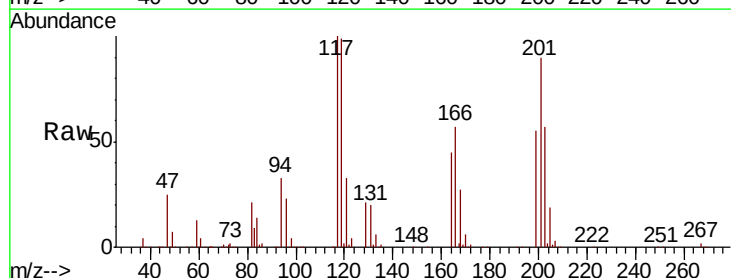
Manual Integrations
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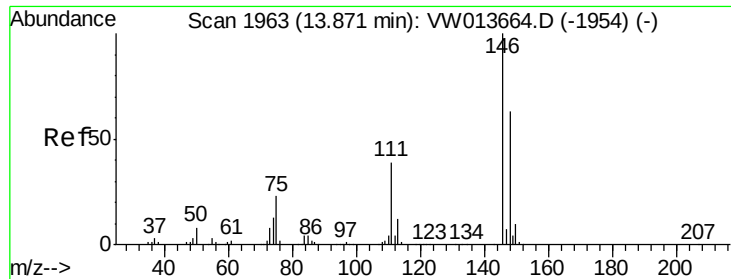
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#90
Hexachloroethane
Concen: 47.484 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	46.1	138.2





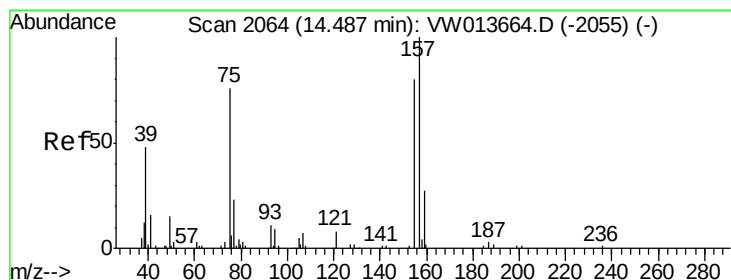
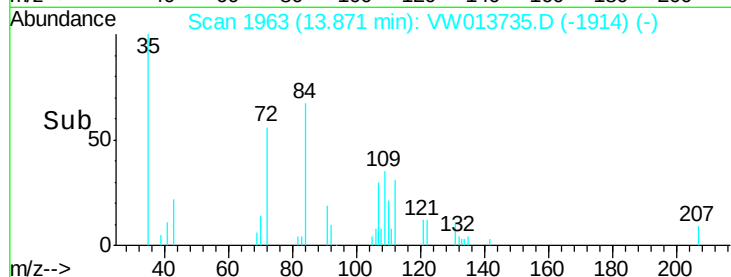
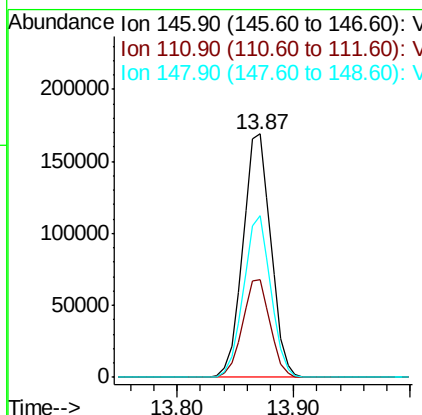
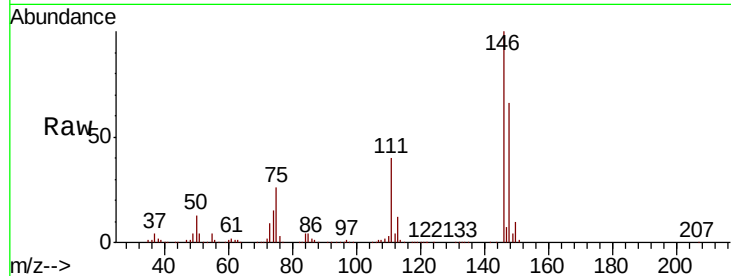
#91
 1,2-Dichlorobenzene
 Concen: 49.633 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	64.6	31.9	95.9

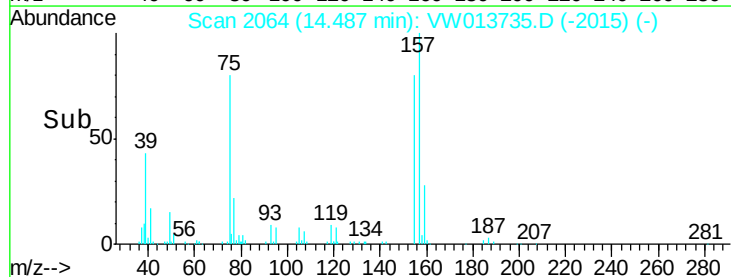
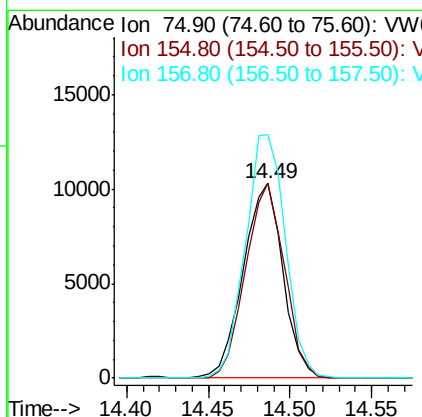
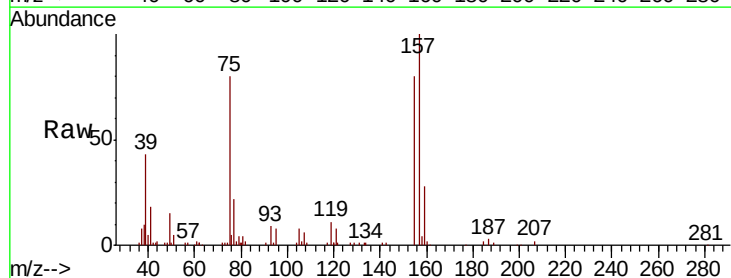
Manual Integrations
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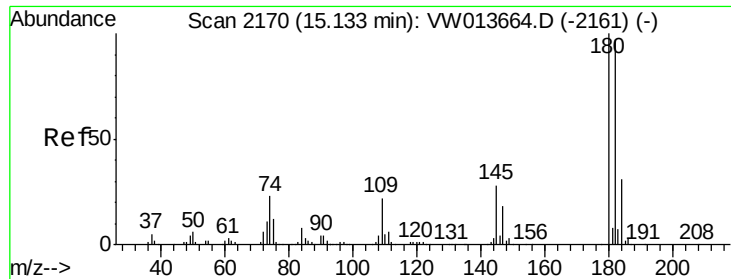
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.464 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013735.D
 Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	51.9	155.7
157	125.7	64.8	194.3





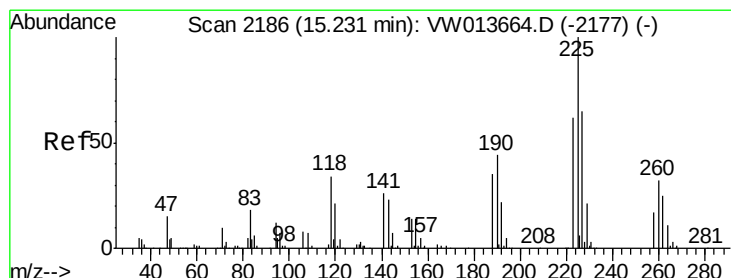
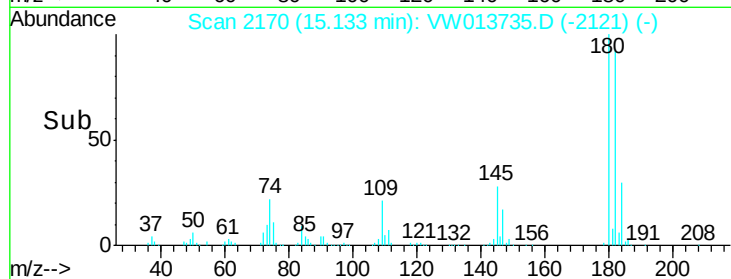
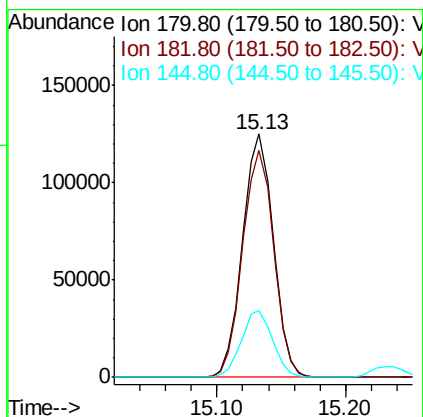
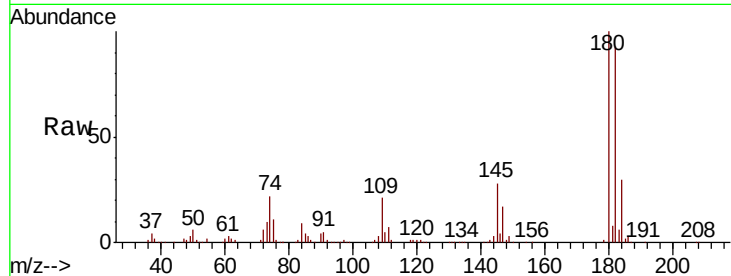
#93
1,2,4-Trichlorobenzene
Concen: 49.770 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.4	142.2
145	27.8	14.1	42.3

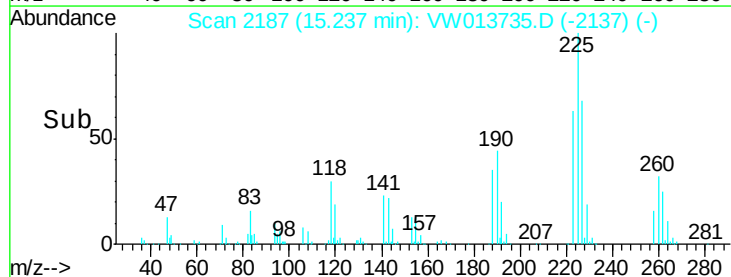
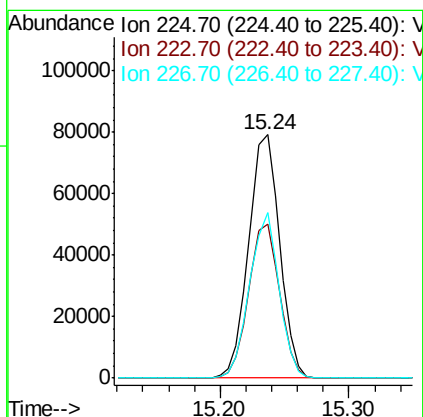
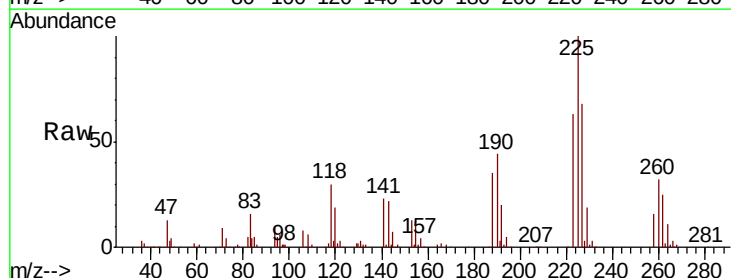
Manual Integrations
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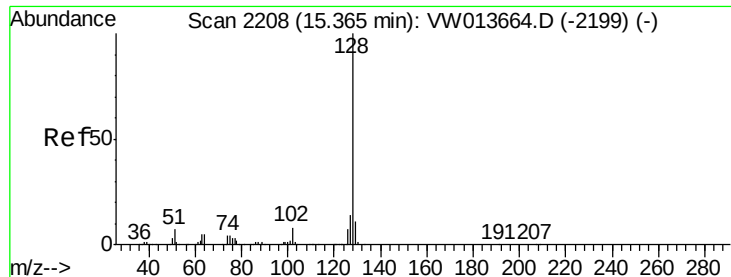
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#94
Hexachlorobutadiene
Concen: 46.874 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.9
227	64.2	32.5	97.4





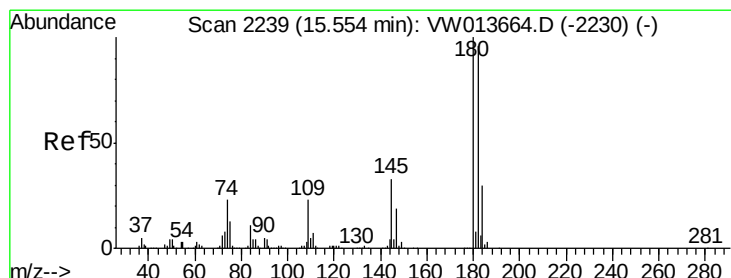
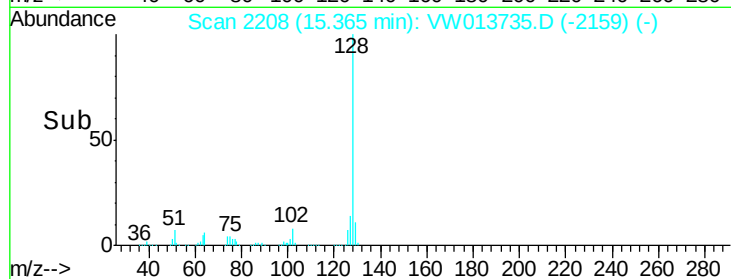
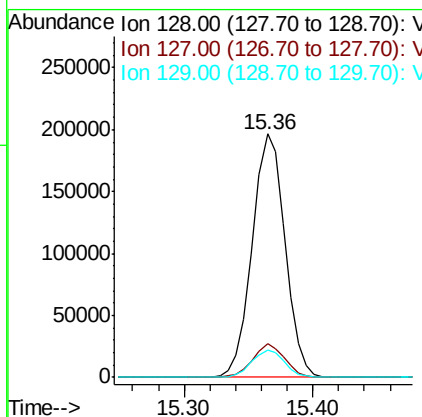
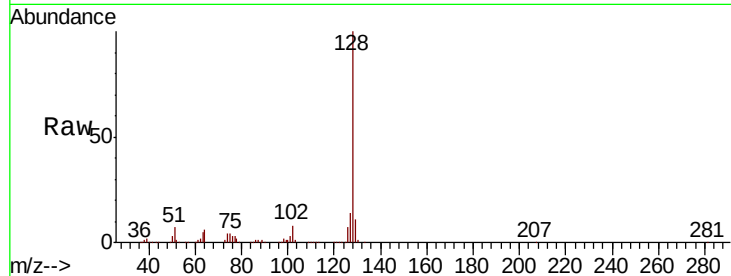
#95
Naphthalene
Concen: 52.824 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:47:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.940 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013735.D
Acq: 25 Oct 2019 01:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	29.6	14.9	44.9

