

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102819\
 Data File : VW013759.D
 Acq On : 28 Oct 2019 11:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:04:41 PM

Quant Time: Oct 29 10:59:53 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	348244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	487710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129285	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	138546	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	579670	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.62	95	189077	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78451	42.761	ug/l	100
3) Chloromethane	2.21	50	91667	46.491	ug/l	99
4) Vinyl Chloride	2.37	62	143444	48.173	ug/l	100
5) Bromomethane	2.78	94	92964	47.471	ug/l	99
6) Chloroethane	2.93	64	86376	47.939	ug/l	100
7) Trichlorofluoromethane	3.26	101	96850	52.073	ug/l	98
8) Diethyl Ether	3.68	74	68930	45.873	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	142155	47.016	ug/l	99
10) Methyl Iodide	4.28	142	236458	47.992	ug/l	99
11) Tert butyl alcohol	5.20	59	34221	219.430	ug/l	98
12) 1,1-Dichloroethene	4.04	96	152148	48.715	ug/l	97
13) Acrolein	3.90	56	56124	314.119	ug/l	99
14) Allyl chloride	4.67	41	236046	49.151	ug/l	100
15) Acrylonitrile	5.37	53	136033	222.638	ug/l	100
16) Acetone	4.14	43	146983	265.355	ug/l	96
17) Carbon Disulfide	4.39	76	439848	49.038	ug/l	100
18) Methyl Acetate	4.67	43	65434	43.094	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	183847	49.053	ug/l	97
20) Methylene Chloride	4.92	84	150004	49.139	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	163758	48.715	ug/l	94
22) Diisopropyl ether	6.31	45	425958	48.624	ug/l	99
23) Vinyl Acetate	6.25	43	1211755	238.393	ug/l	100
24) 1,1-Dichloroethane	6.21	63	266599	48.053	ug/l	98
25) 2-Butanone	7.17	43	183248	230.109	ug/l	97
26) 2,2-Dichloropropane	7.17	77	157483	49.088	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	171169	47.941	ug/l	98
28) Bromochloromethane	7.51	49	100815	50.976	ug/l #	100
29) Tetrahydrofuran	7.53	42	110295	223.711	ug/l	99
30) Chloroform	7.68	83	261598	47.698	ug/l	100
31) Cyclohexane	7.95	56	270453	46.581	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	214029	49.729	ug/l	99
36) 1,1-Dichloropropene	8.08	75	225516	49.650	ug/l	99
37) Ethyl Acetate	7.25	43	76736	44.134	ug/l	99
38) Carbon Tetrachloride	8.07	117	205514	50.246	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	294064	50.133	ug/l	100
40) Benzene	8.32	78	628232	48.874	ug/l	98
41) Methacrylonitrile	7.48	41	50587	46.657	ug/l	97
42) 1,2-Dichloroethane	8.40	62	155660	48.055	ug/l	98
43) Isopropyl Acetate	8.42	43	153722	46.189	ug/l	100
44) Trichloroethene	9.09	130	184061	49.989	ug/l	94
45) 1,2-Dichloropropane	9.37	63	148644	48.414	ug/l	99
46) Dibromomethane	9.46	93	69453	46.607	ug/l	99
47) Bromodichloromethane	9.65	83	189239	49.079	ug/l	99
48) Methyl methacrylate	9.43	41	72332	43.827	ug/l	93
49) 1,4-Dioxane	9.47	88	20092	912.421	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	372467	225.219	ug/l	100
52) Toluene	10.38	92	407089	49.097	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	192997	49.444	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	239794	49.793	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	102995	46.376	ug/l	99
56) Ethyl methacrylate	10.65	69	133093	47.899	ug/l	99
57) 1,3-Dichloropropane	10.93	76	181473	47.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	329485	257.648	ug/l	99
59) 2-Hexanone	10.97	43	271094	237.776	ug/l	99
60) Dibromochloromethane	11.13	129	128133	48.593	ug/l	99
61) 1,2-Dibromoethane	11.23	107	97313	46.315	ug/l	99
64) Tetrachloroethene	10.86	164	157390	49.562	ug/l	98
65) Chlorobenzene	11.66	112	421496	49.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	148787	49.915	ug/l	99
67) Ethyl Benzene	11.73	91	773834	50.246	ug/l	100
68) m/p-Xylenes	11.84	106	593124	99.681	ug/l	99
69) o-Xylene	12.16	106	273684	50.040	ug/l	99
70) Styrene	12.18	104	468103	49.814	ug/l	99
71) Bromoform	12.35	173	75072	47.991	ug/l #	98
73) Isopropylbenzene	12.46	105	769480	49.988	ug/l	99
74) N-amyl acetate	12.27	43	140407	47.153	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	110062	45.310	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	87182m	56.636	ug/l	
77) Bromobenzene	12.74	156	176068	47.881	ug/l	98
78) n-propylbenzene	12.80	91	891402	50.032	ug/l	100
79) 2-Chlorotoluene	12.89	91	492207	49.160	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	646075	49.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37887	46.515	ug/l	100
82) 4-Chlorotoluene	12.99	91	516304	49.119	ug/l	99
83) tert-Butylbenzene	13.21	119	572680	49.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	635125	49.549	ug/l	99
85) sec-Butylbenzene	13.38	105	788843	50.013	ug/l	100
86) p-Isopropyltoluene	13.50	119	740053	50.369	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	345039	48.429	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	341596	48.261	ug/l	100
89) n-Butylbenzene	13.82	91	671945	50.667	ug/l	100
90) Hexachloroethane	14.09	117	127280	49.839	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	291843	47.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16434	44.740	ug/l	99

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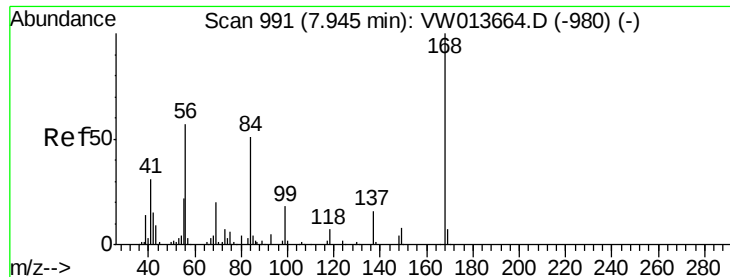
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	221983	49.376	ug/l	100
94) Hexachlorobutadiene	15.24	225	147574	48.623	ug/l	100
95) Naphthalene	15.36	128	339111	48.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	189263	48.856	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: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 348244

Ion Ratio Lower Upper

168 100

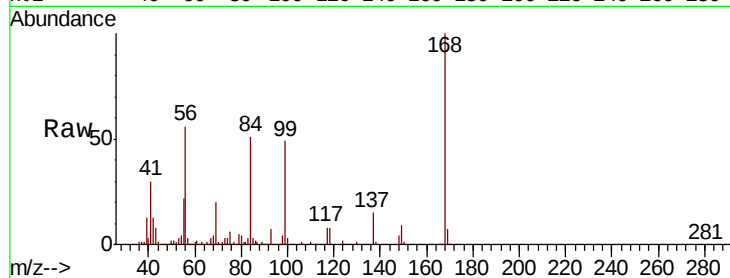
99 48.7 39.0 58.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

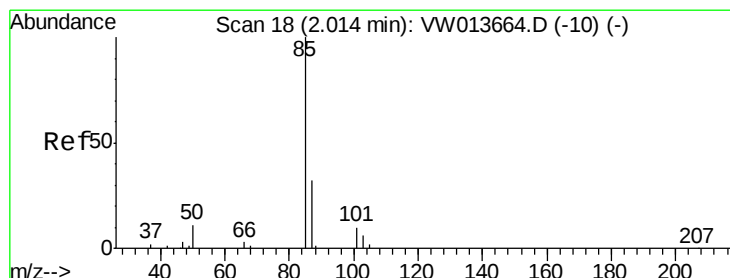
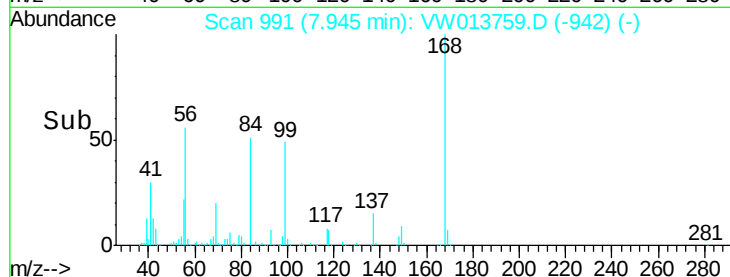
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 42.761 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013759.D

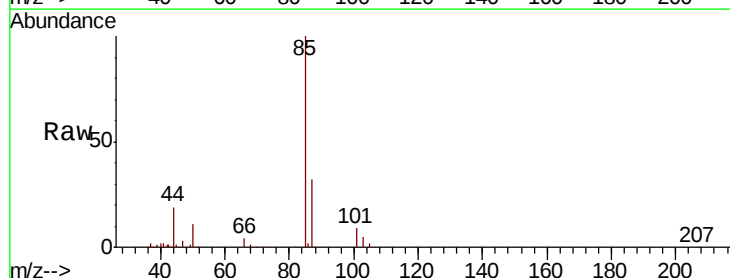
Acq: 28 Oct 2019 11:43

Tgt Ion: 85 Resp: 78451

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

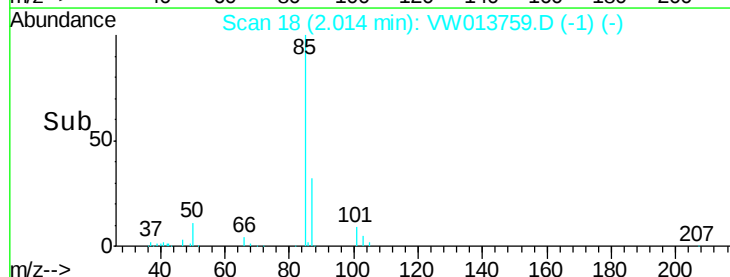
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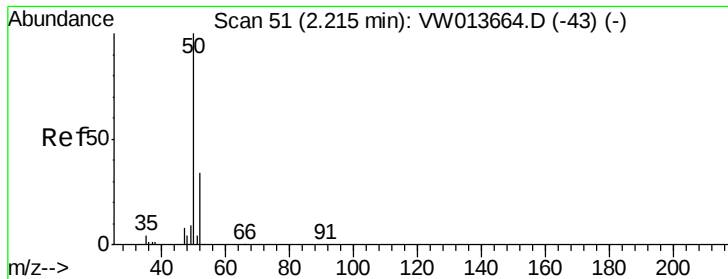
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 46.491 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 91667

Ion Ratio Lower Upper

50 100

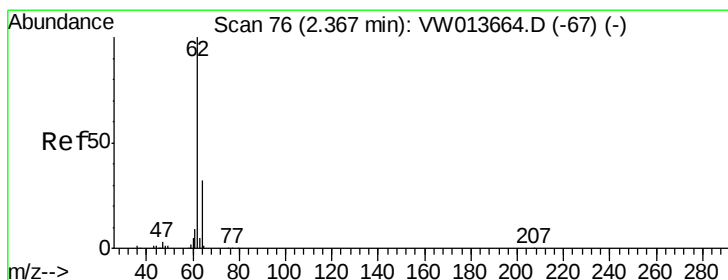
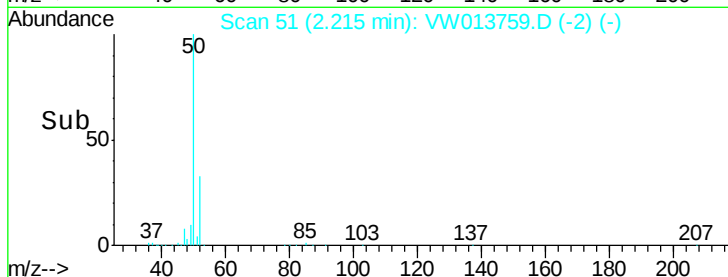
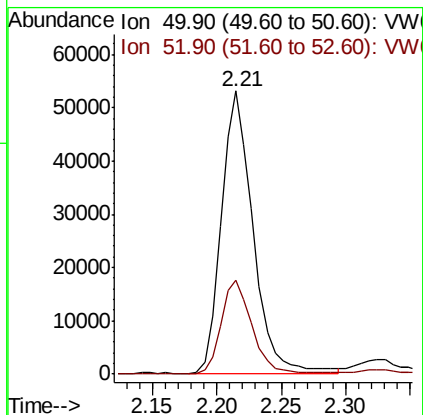
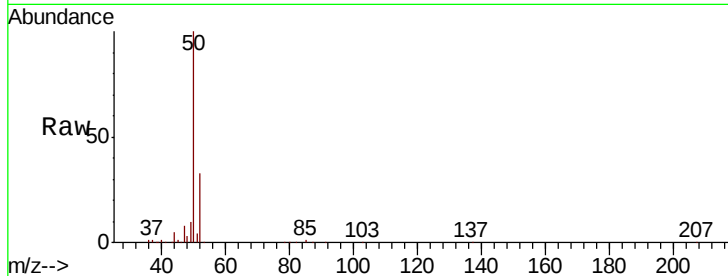
52 33.3 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.173 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013759.D

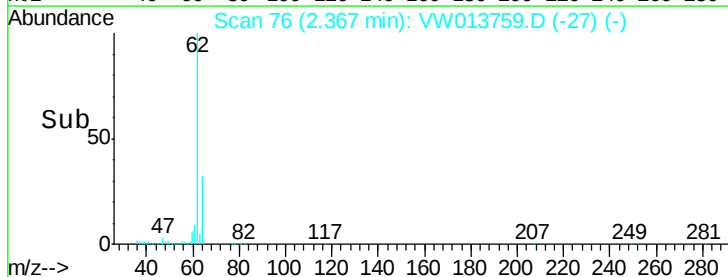
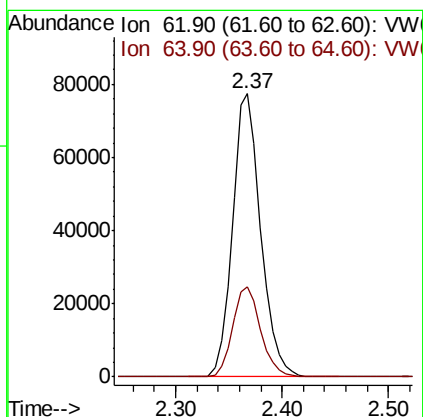
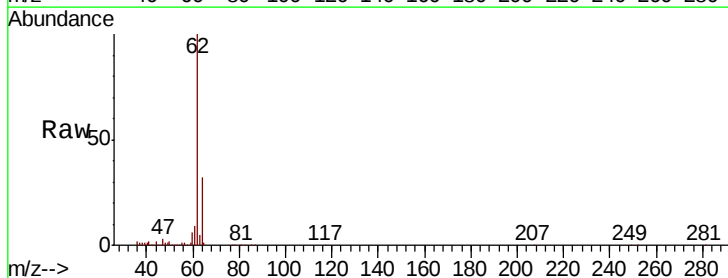
Acq: 28 Oct 2019 11:43

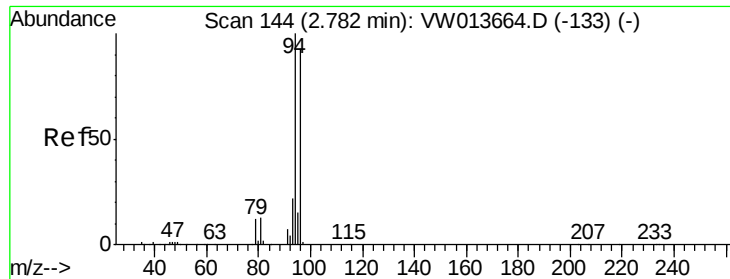
Tgt Ion: 62 Resp: 143444

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 47.471 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 92964

Ion Ratio Lower Upper

94 100

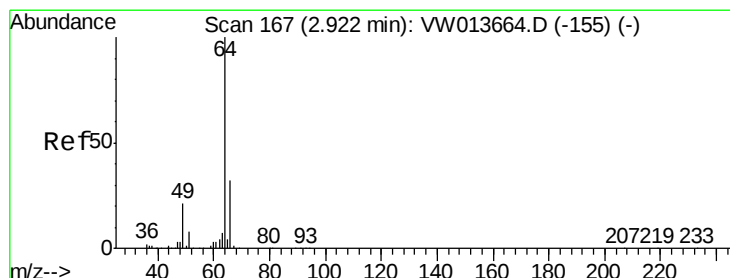
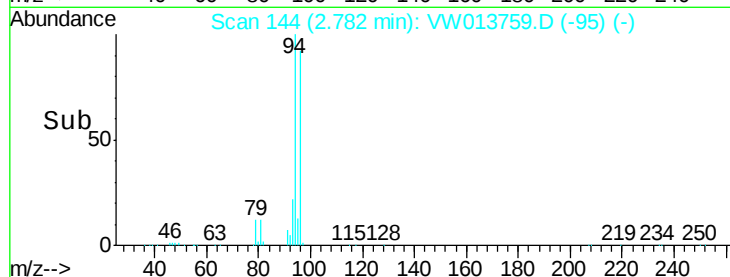
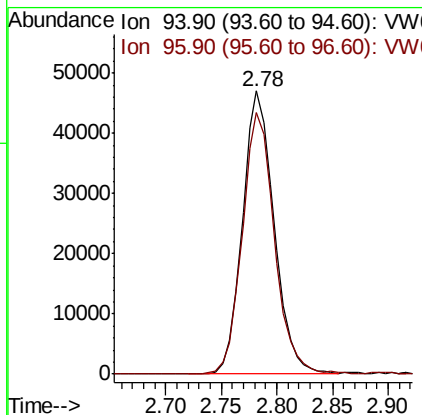
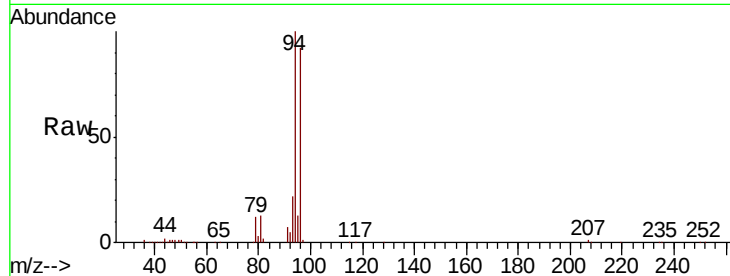
96 92.2 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 47.939 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013759.D

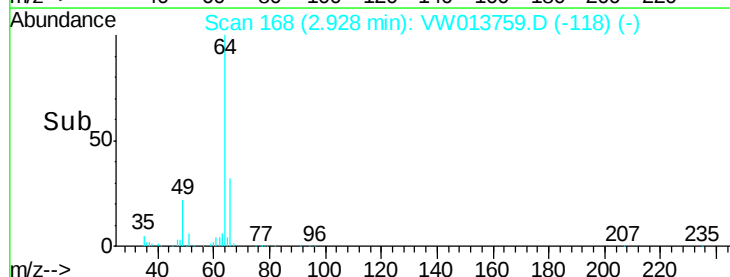
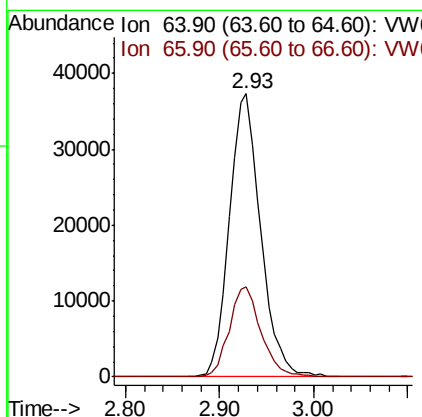
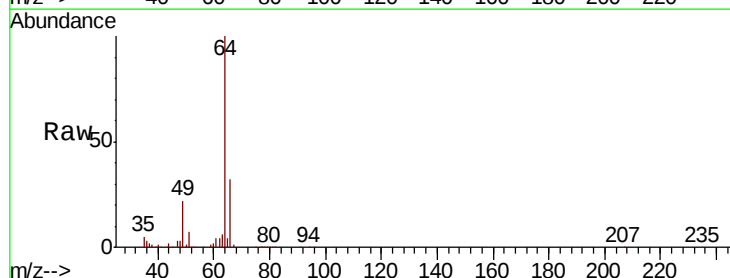
Acq: 28 Oct 2019 11:43

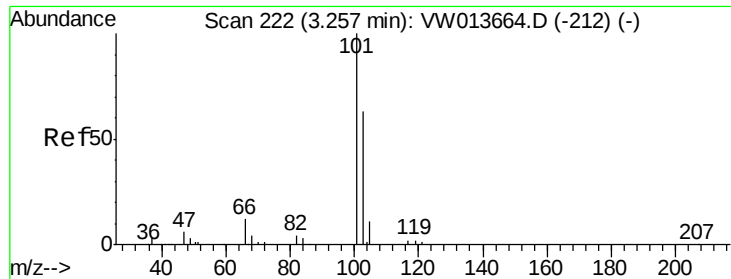
Tgt Ion: 64 Resp: 86376

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.0





#7

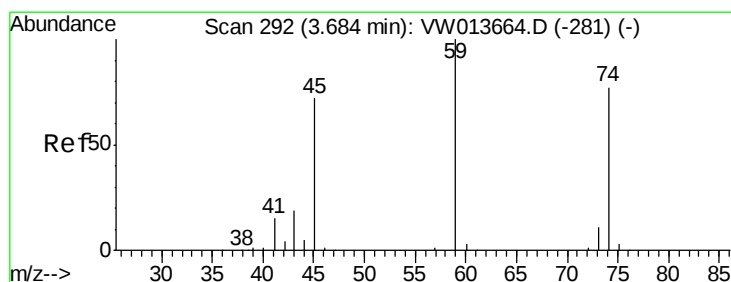
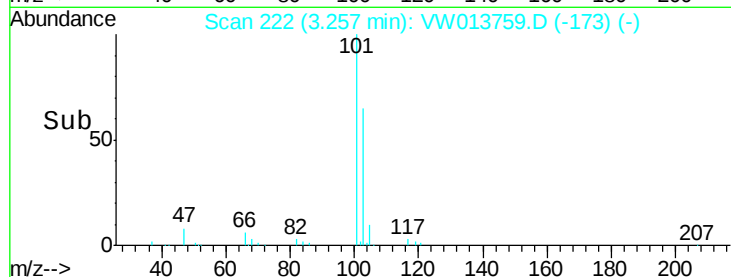
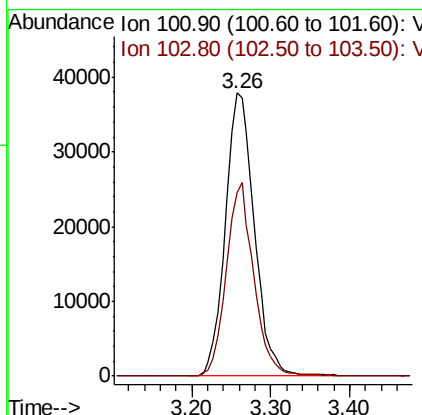
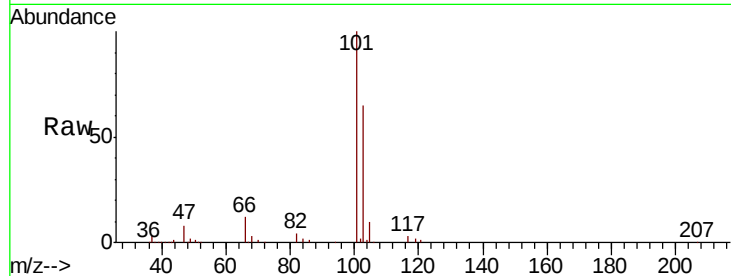
Trichlorofluoromethane
Concen: 52.073 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.6	76.0

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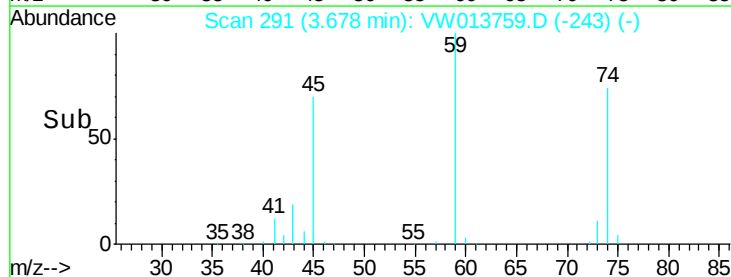
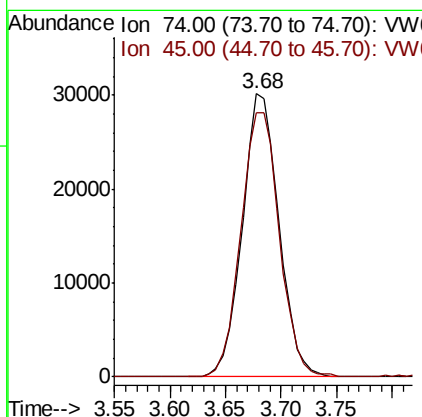
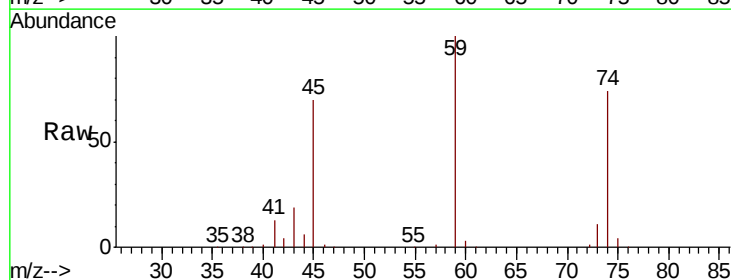
MMDadoda
10/29/2019 2:04:41 PM

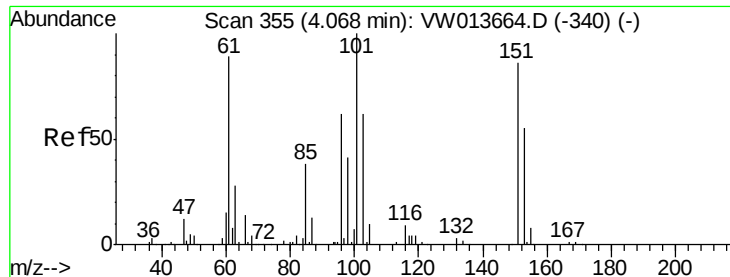


#8

Diethyl Ether
Concen: 45.873 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.016 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

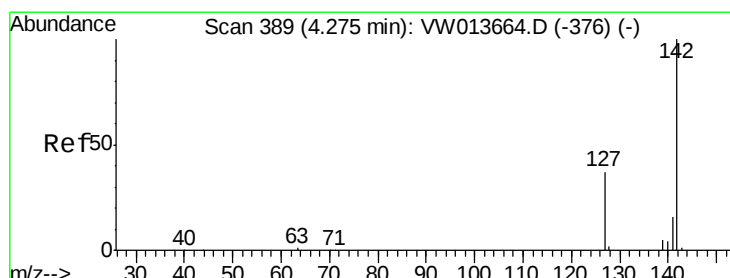
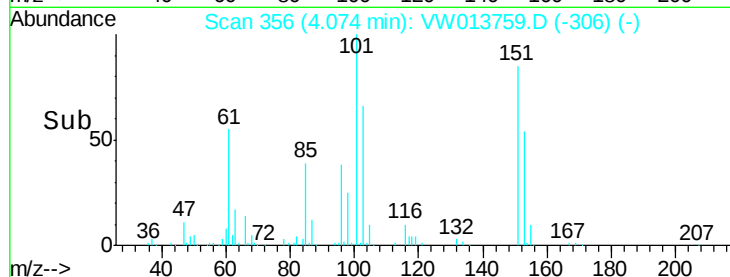
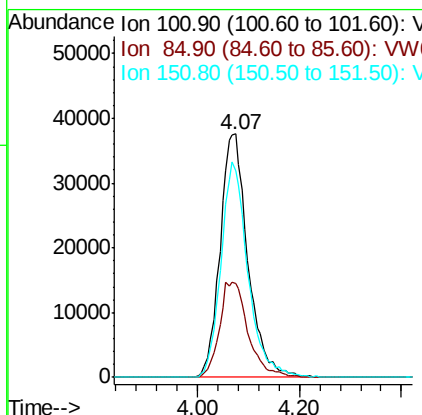
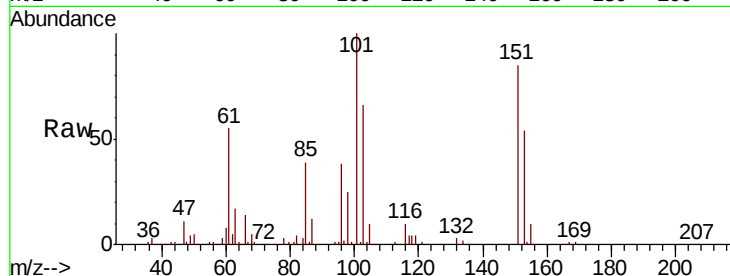
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142155
Ion Ratio	Lower	Upper	
101	100		
85	40.5	31.0	46.6
151	85.6	68.2	102.4

Manual Integrations
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#10

Methyl Iodide

Concen: 47.992 ug/l

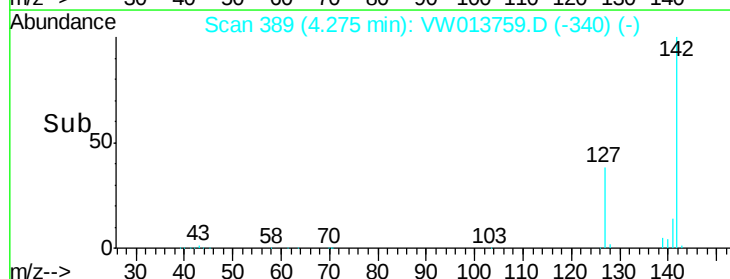
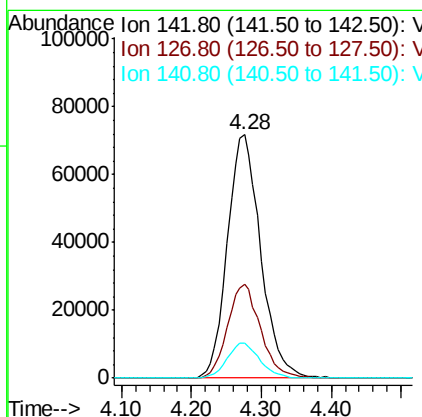
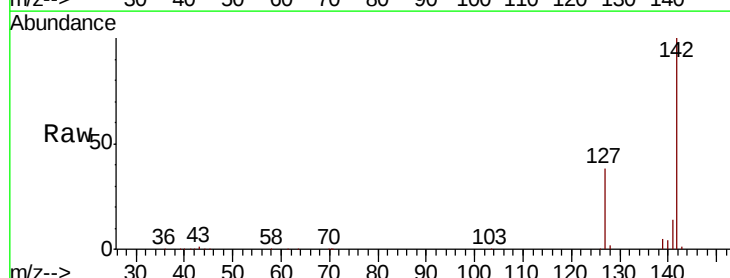
RT: 4.28 min Scan# 389

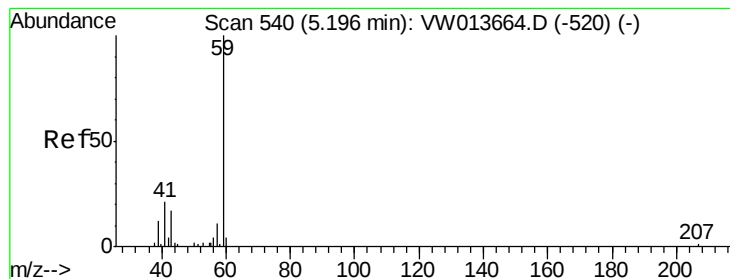
Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Tgt Ion:	142	Resp:	236458
Ion Ratio	Lower	Upper	
142	100		
127	38.3	30.3	45.5
141	14.1	11.8	17.8





#11

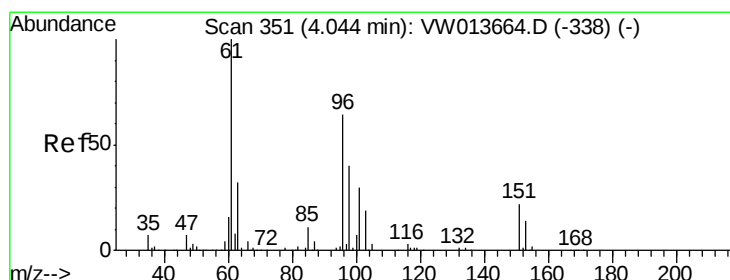
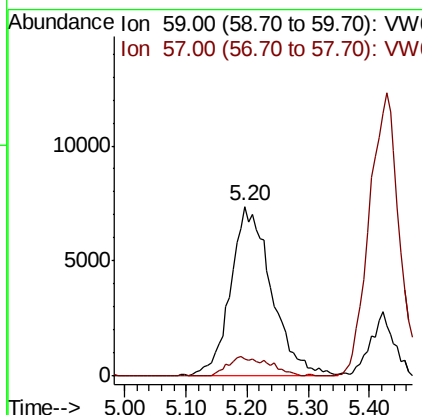
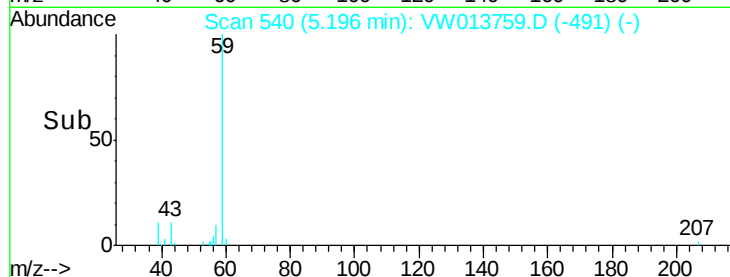
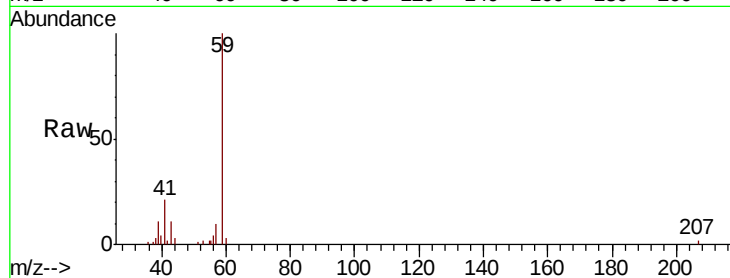
Tert butyl alcohol
Concen: 219.430 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.8	13.2

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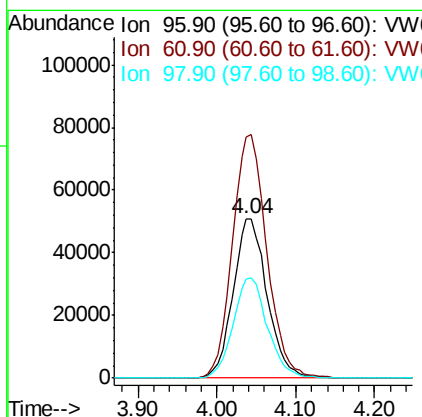
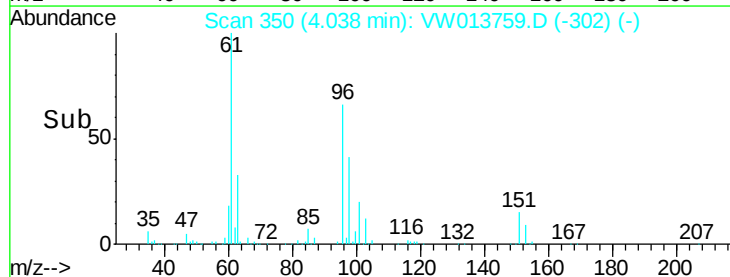
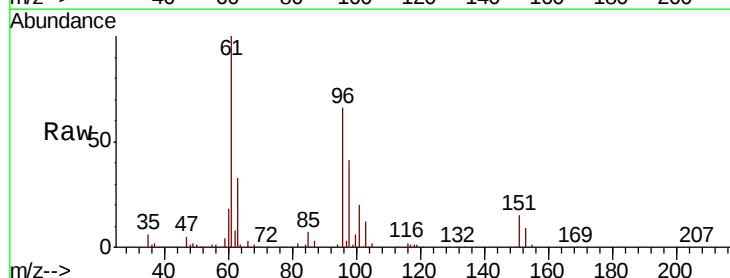
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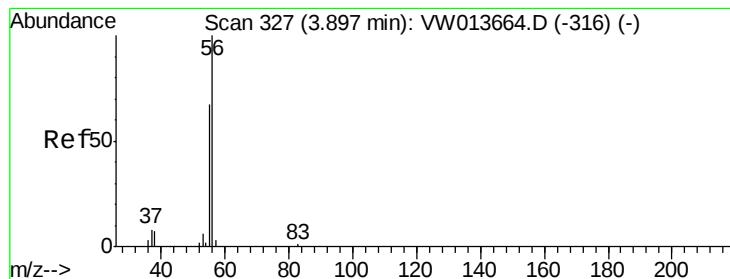


#12

1,1-Dichloroethene
Concen: 48.715 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.1	125.0	187.6
98	62.3	50.3	75.5





#13

Acrolein

Concen: 314.119 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 56124

Ion Ratio Lower Upper

56 100

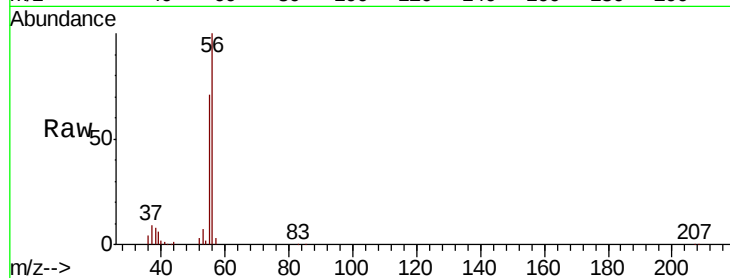
55 69.6 56.1 84.1

Manual Integrations

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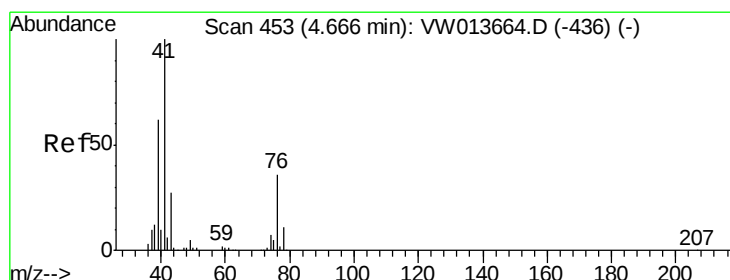
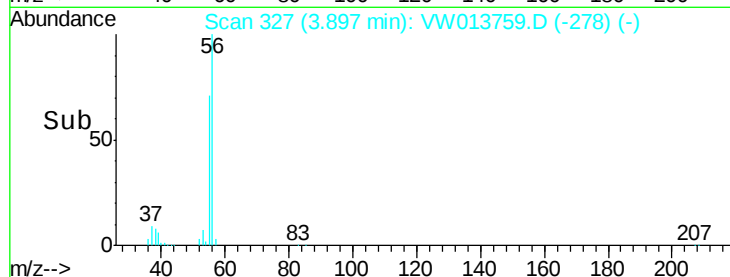
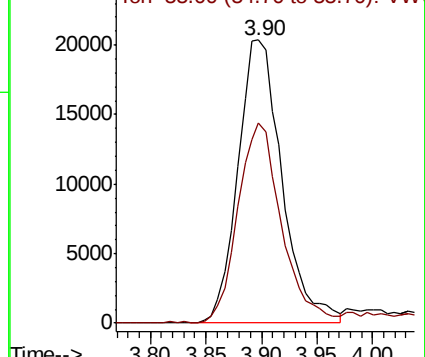
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.151 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

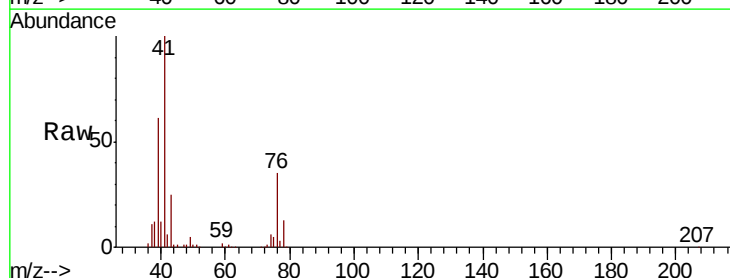
Tgt Ion: 41 Resp: 236046

Ion Ratio Lower Upper

41 100

39 62.5 50.0 75.0

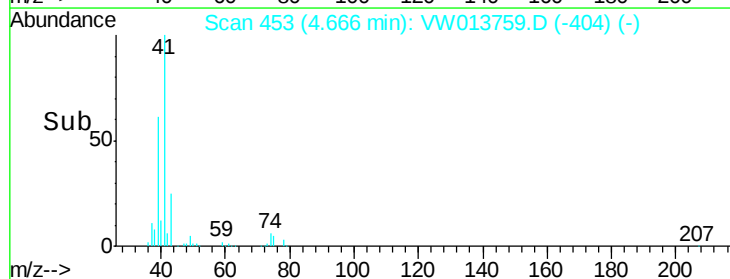
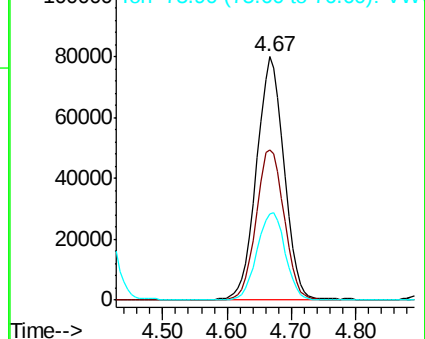
76 36.7 29.6 44.4

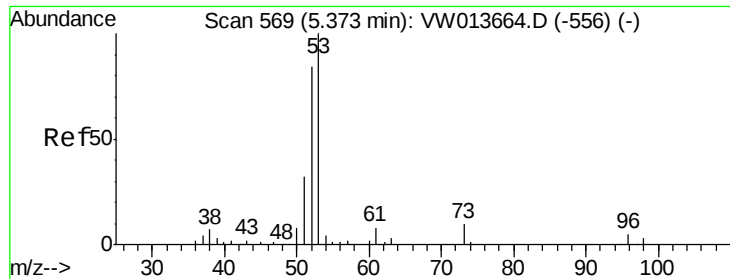


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 222.638 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

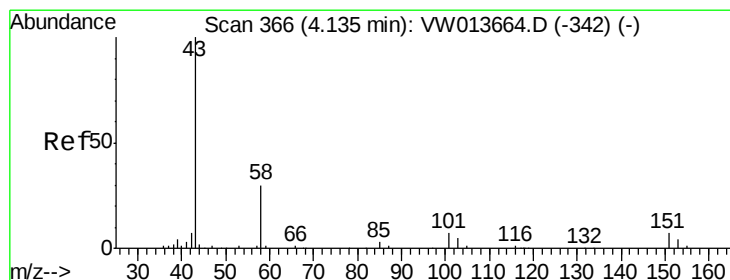
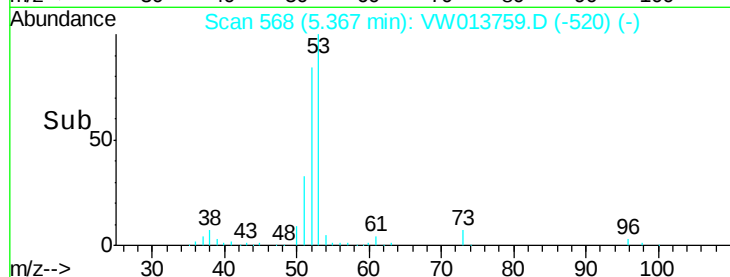
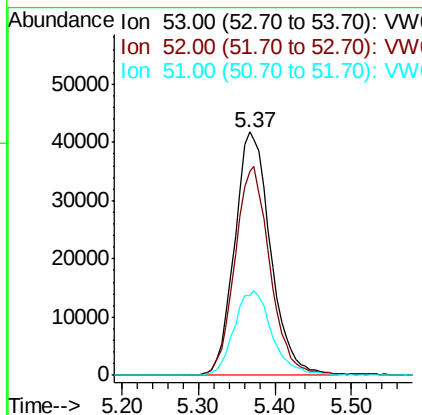
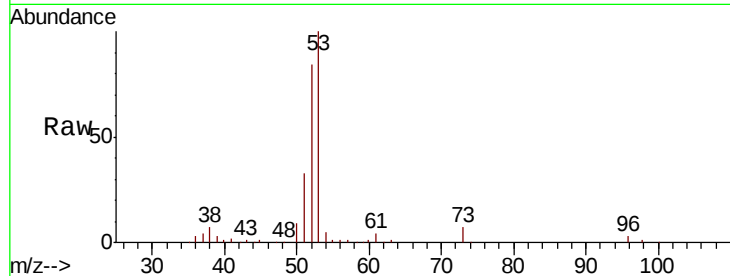
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	136033
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.0
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 265.355 ug/l

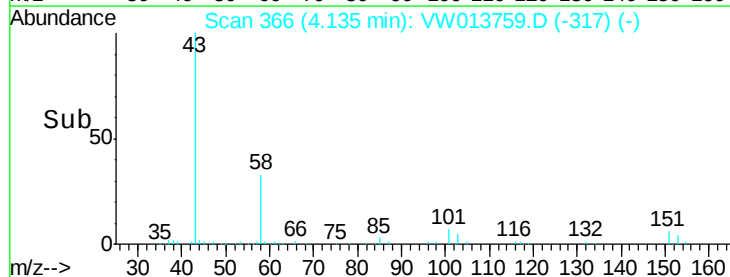
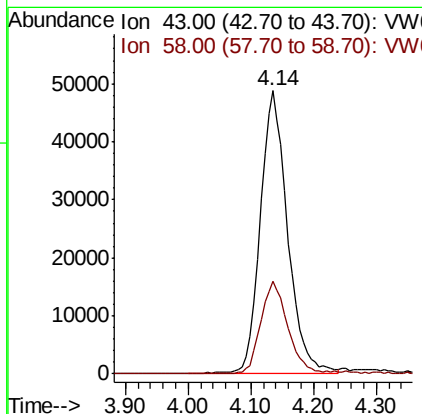
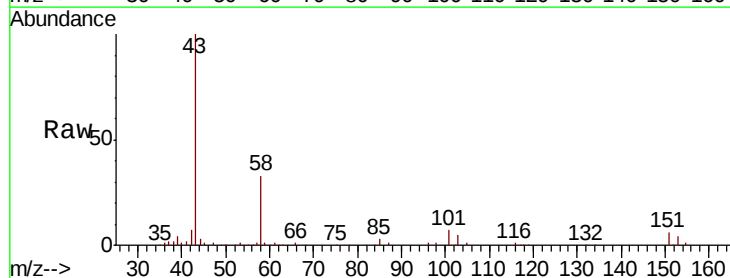
RT: 4.14 min Scan# 366

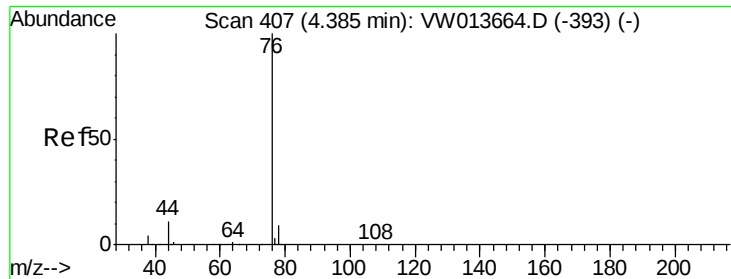
Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Tgt Ion:	43	Resp:	146983
Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.1	36.1





#17

Carbon Disulfide

Concen: 49.038 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 439848

Ion Ratio Lower Upper

76 100

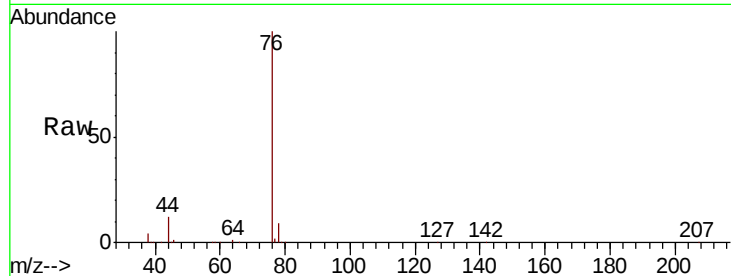
78 8.8 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

150000

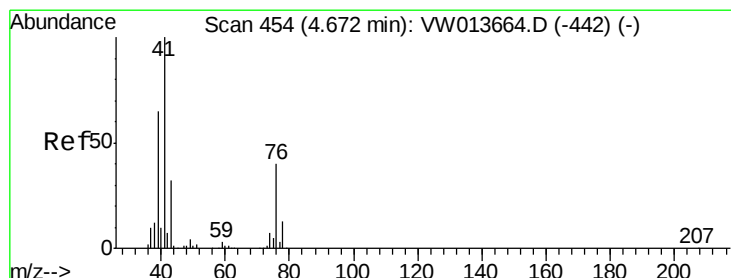
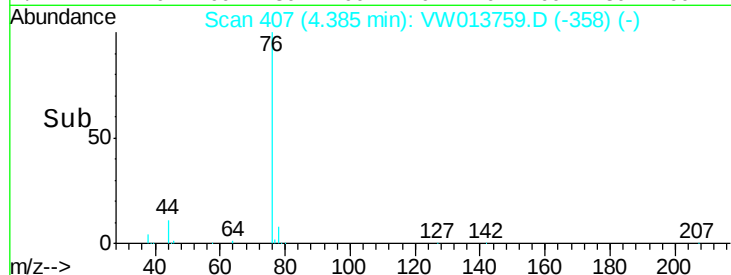
100000

50000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 43.094 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW013759.D

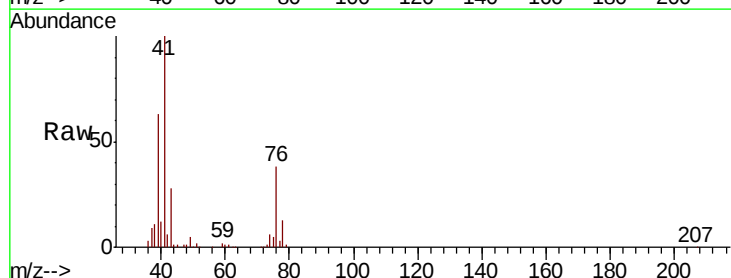
Acq: 28 Oct 2019 11:43

Tgt Ion: 43 Resp: 65434

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

25000

20000

15000

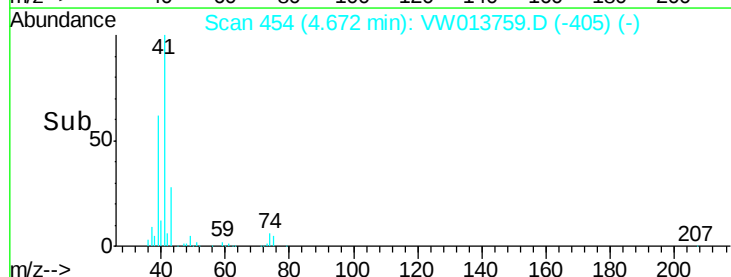
10000

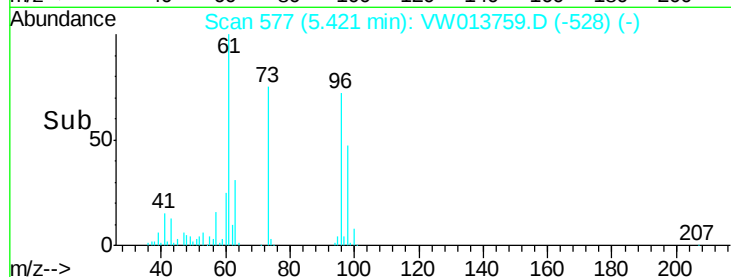
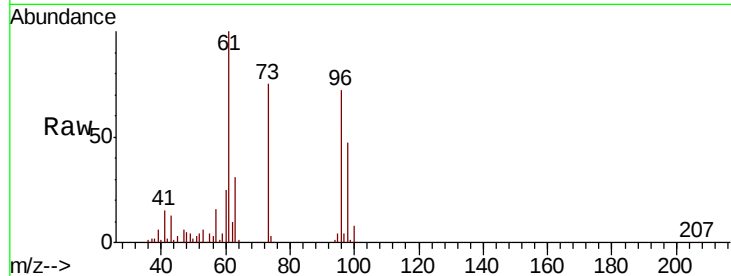
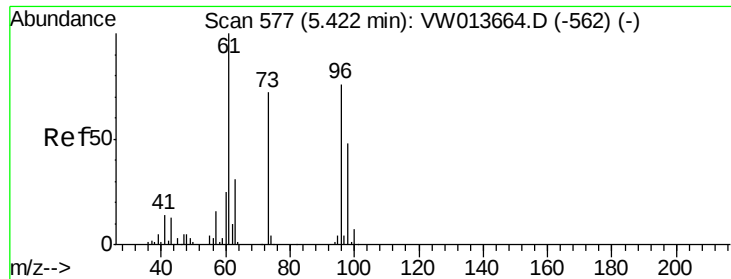
5000

0

4.60 4.70 4.80

Time-->





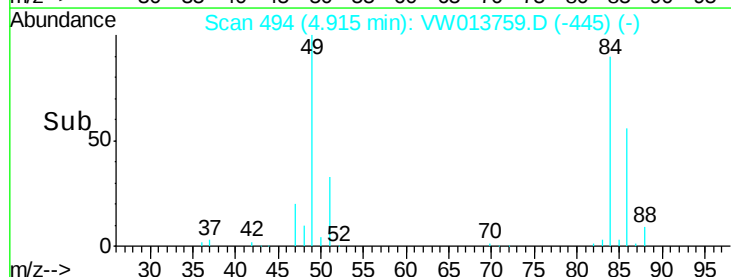
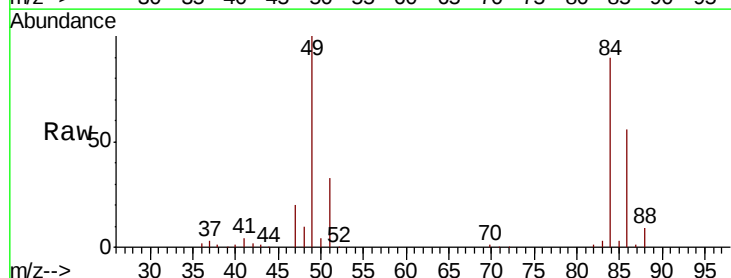
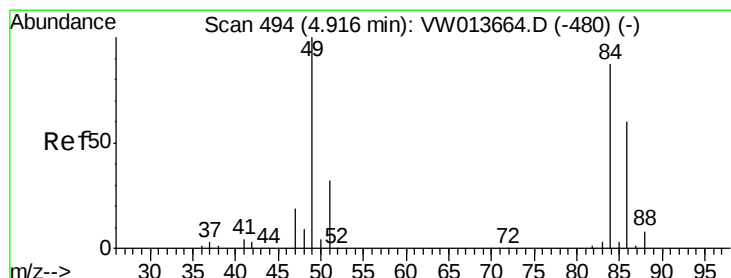
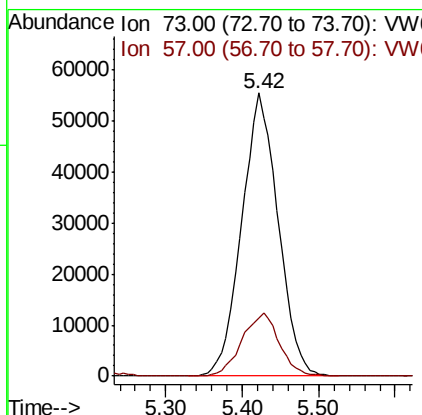
#19
Methyl tert-butyl Ether
Concen: 49.053 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tot Ion: 73 Resp: 183847
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

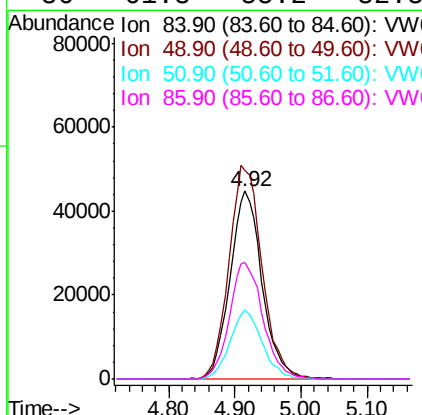
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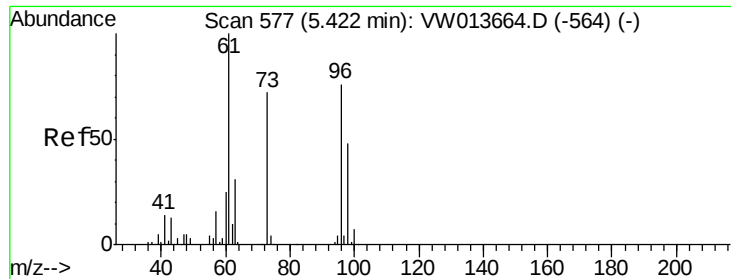
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#20
Methylene Chloride
Concen: 49.139 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion: 84 Resp: 150004
Ion Ratio Lower Upper
84 100
49 111.2 91.8 137.6
51 37.0 29.8 44.6
86 61.8 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 48.715 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

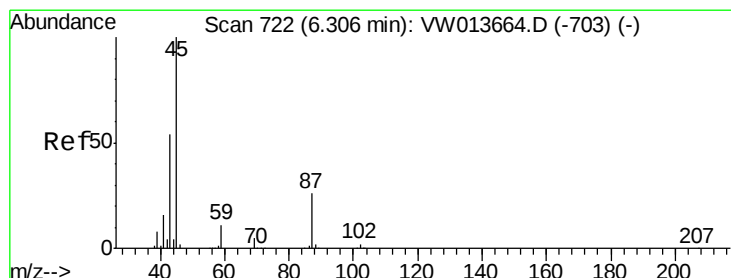
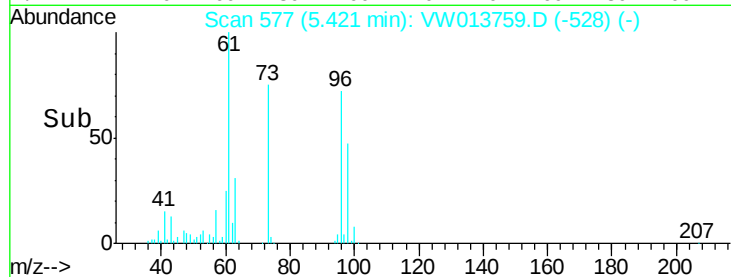
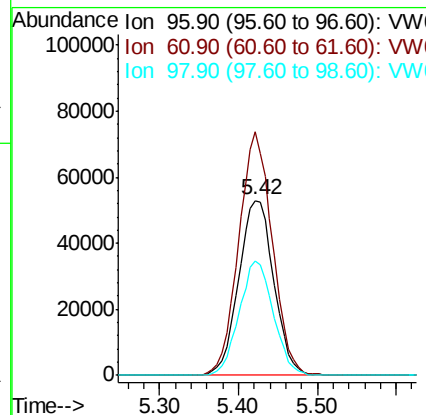
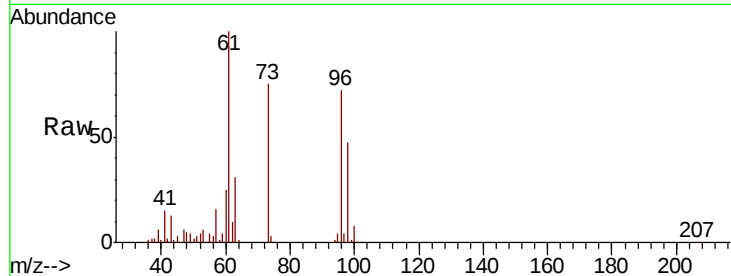
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	163758
Ion	Ratio	Lower	Upper
96	100		
61	139.1	104.8	157.2
98	65.4	50.6	76.0

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#22

Diisopropyl ether

Concen: 48.624 ug/l

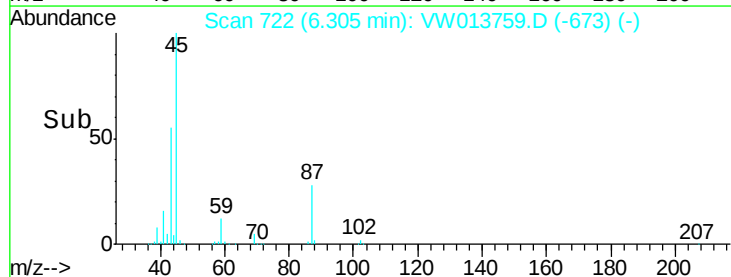
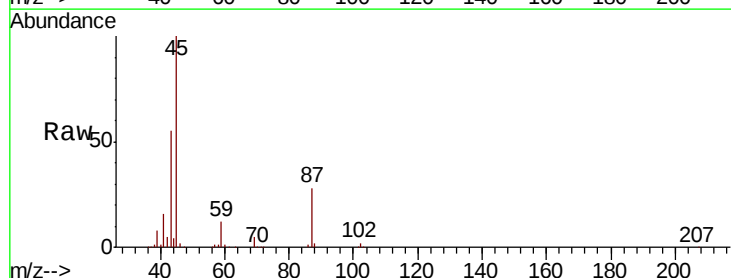
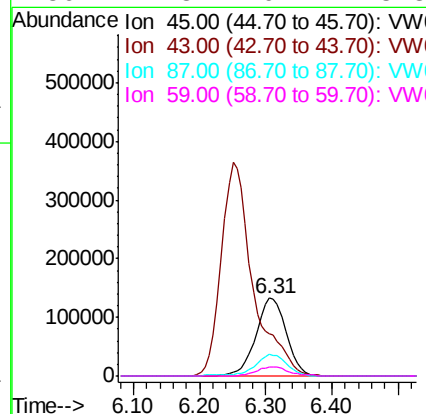
RT: 6.31 min Scan# 722

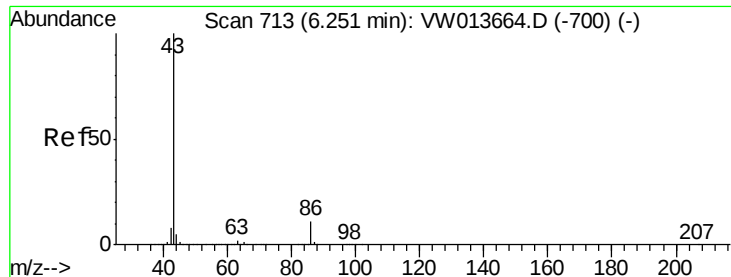
Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Tgt Ion:	45	Resp:	425958
Ion	Ratio	Lower	Upper
45	100		
43	54.8	43.4	65.2
87	28.0	21.5	32.3
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 238.393 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Tot Ion: 43 Resp: 1211755

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.6

Instrument :

MSVOA_W

ClientSampleId :

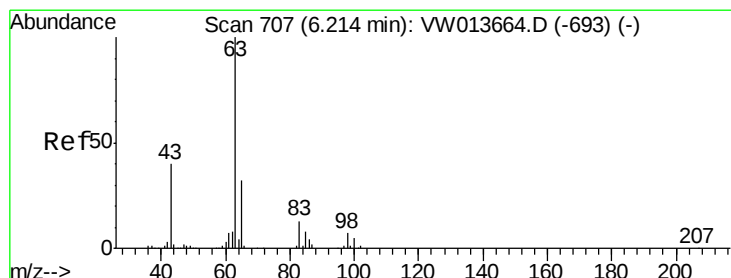
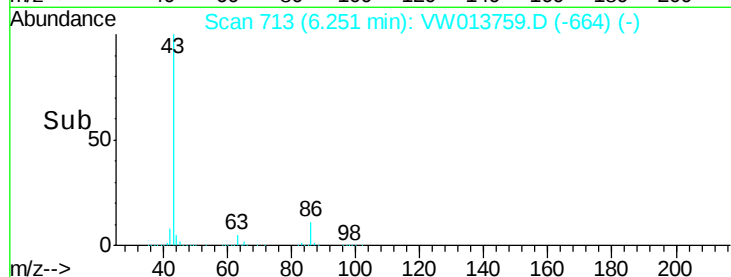
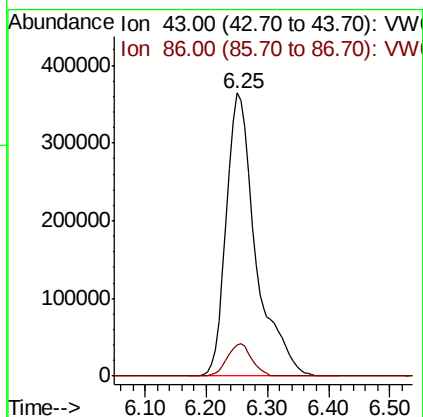
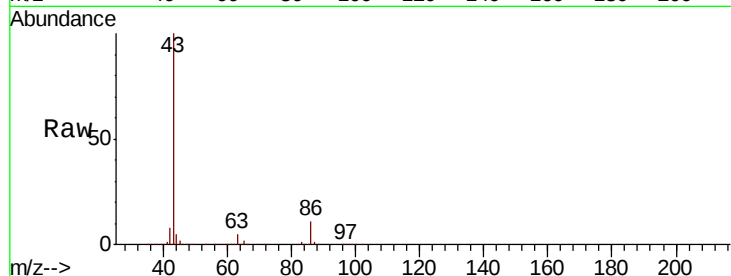
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 48.053 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

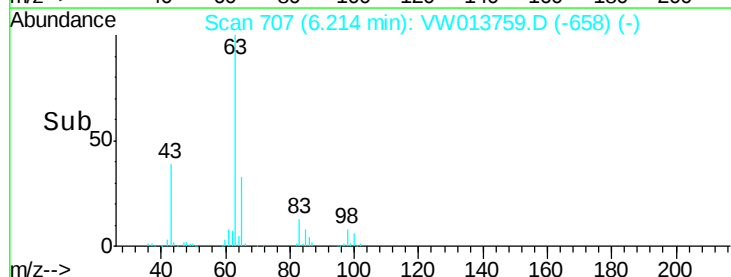
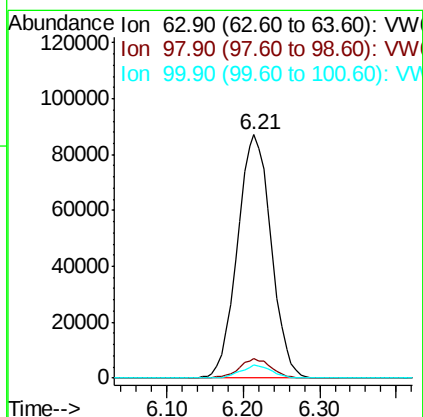
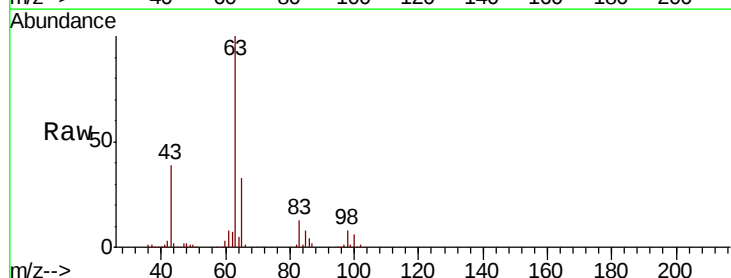
Tgt Ion: 63 Resp: 266599

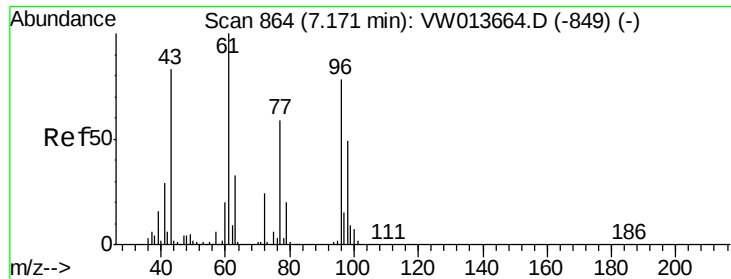
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 5.6 2.5 7.4





#25

2-Butanone

Concen: 230.109 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 183248

Ion Ratio Lower Upper

43 100

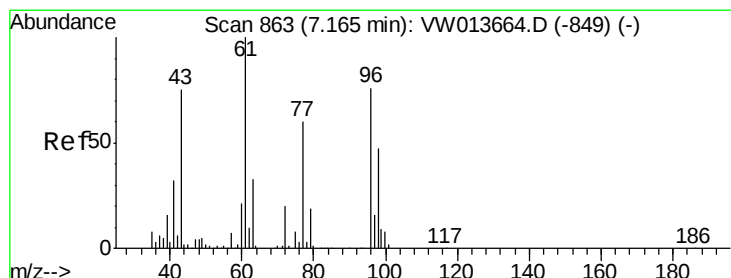
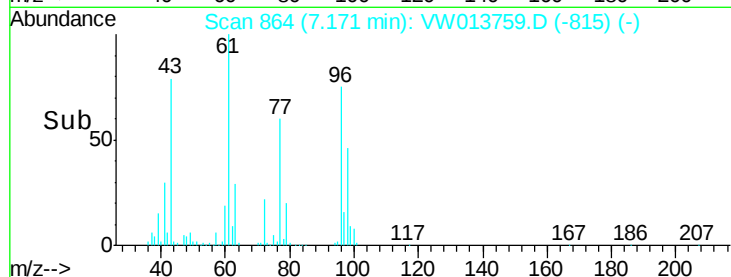
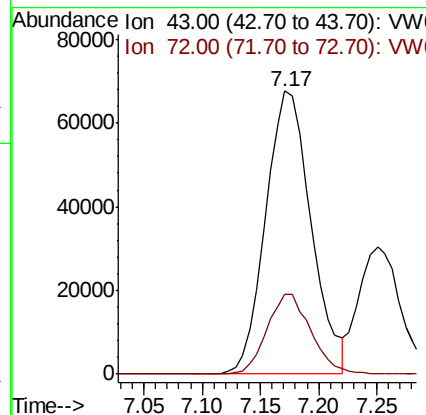
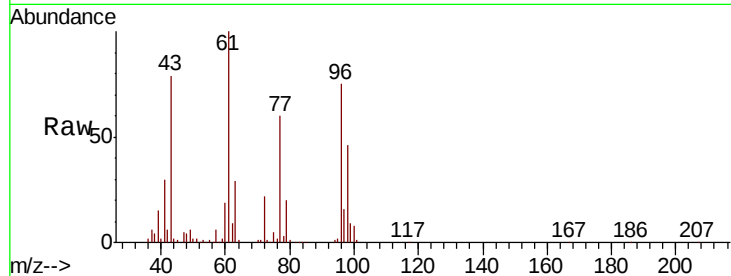
72 28.0 23.6 35.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.088 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013759.D

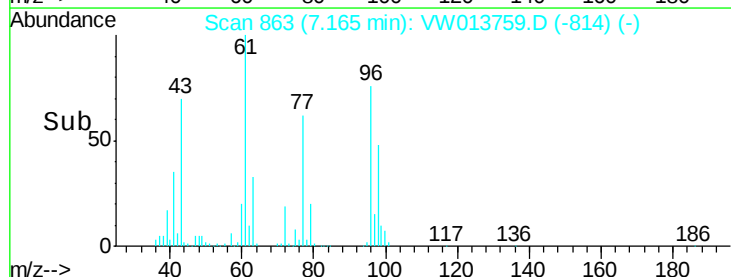
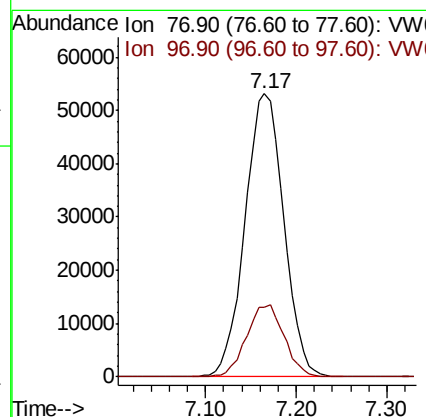
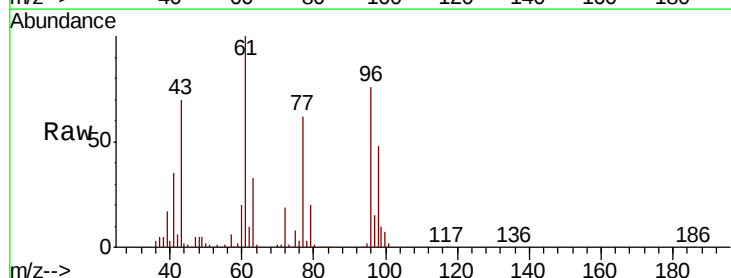
Acq: 28 Oct 2019 11:43

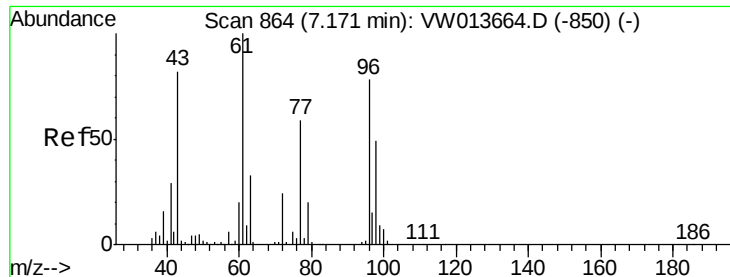
Tgt Ion: 77 Resp: 157483

Ion Ratio Lower Upper

77 100

97 24.7 12.8 38.4





#27

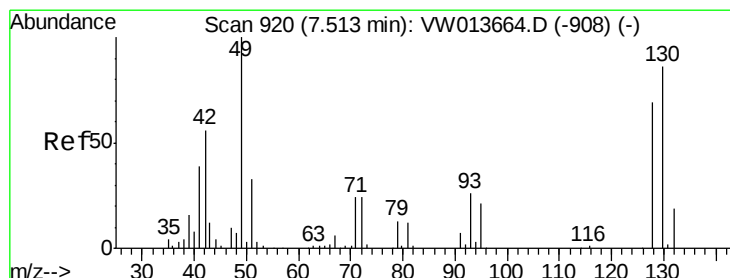
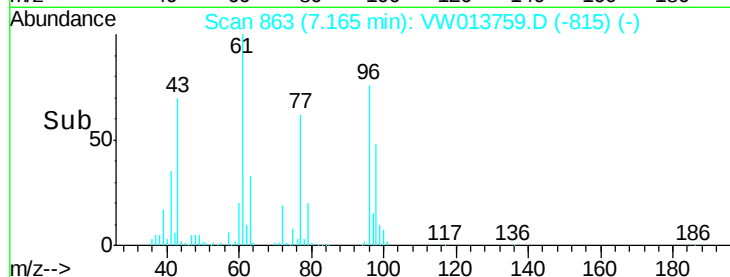
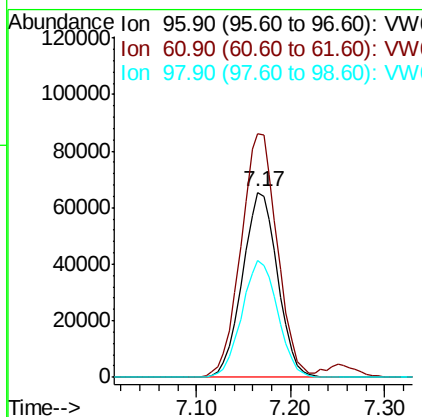
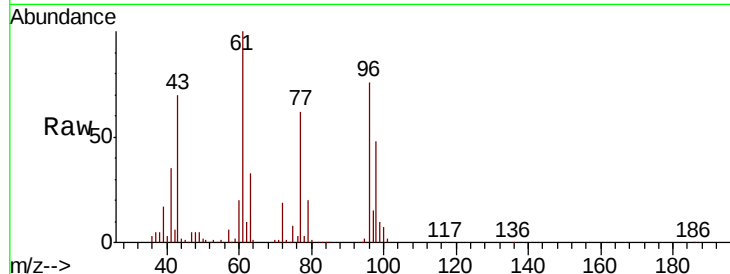
cis-1,2-Dichloroethene
Concen: 47.941 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171169		
61	135.8	0.0	266.0	
98	64.2	0.0	126.8	

Manual Integrations
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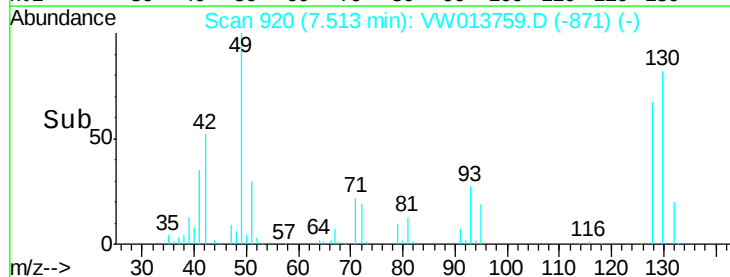
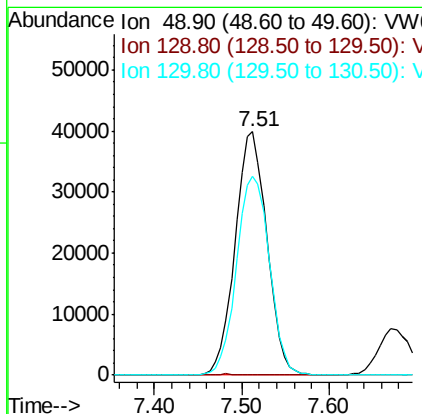
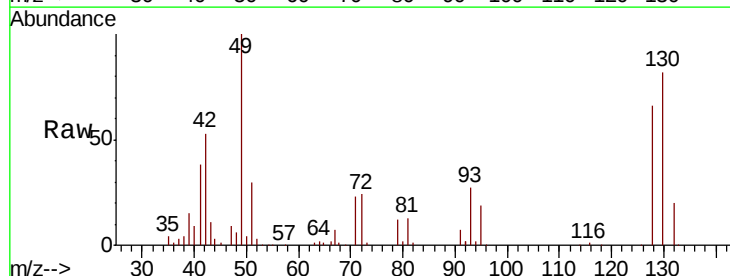
MMDadoda
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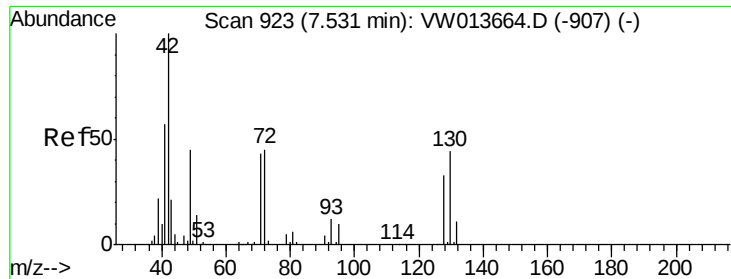


#28

Bromochloromethane
Concen: 50.976 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100815		
129	0.0	0.0	0.6	
130	84.7	67.5	101.3	





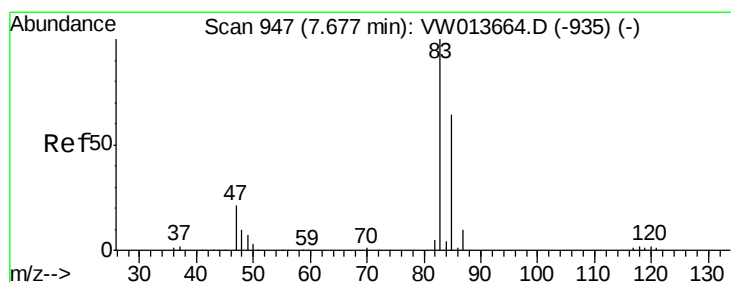
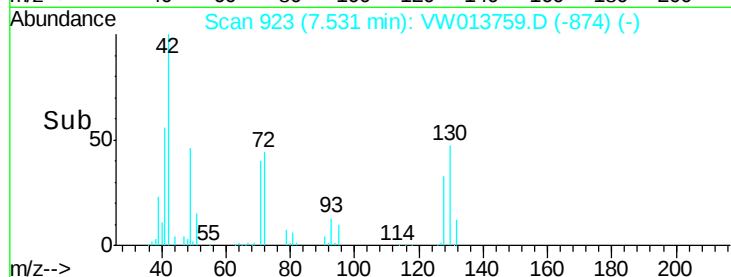
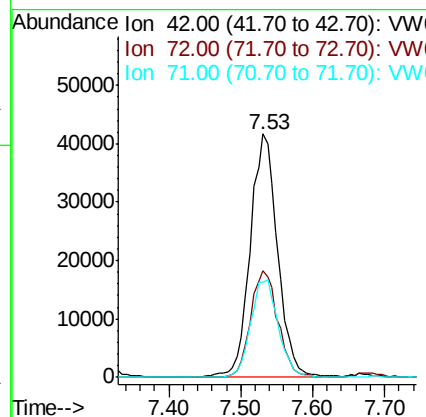
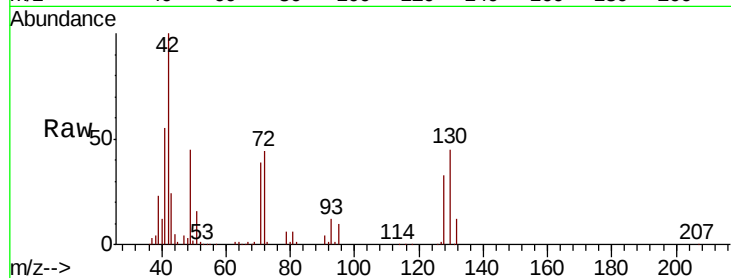
#29
Tetrahydrofuran
Concen: 223.711 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.3	52.9
71	40.4	33.3	49.9

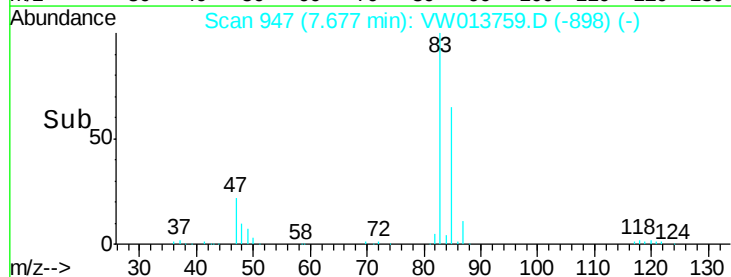
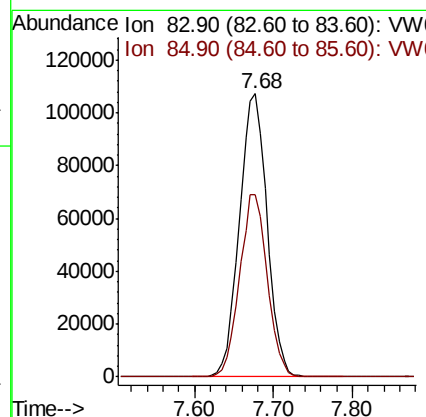
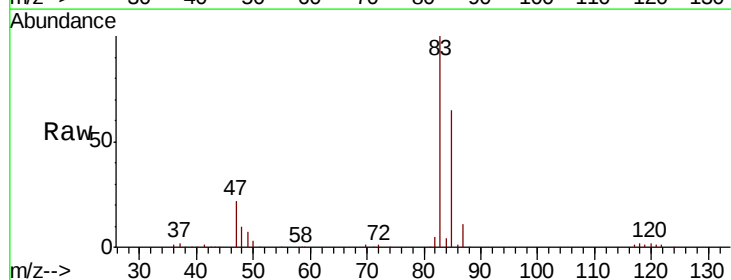
Manual Integrations
APPROVED

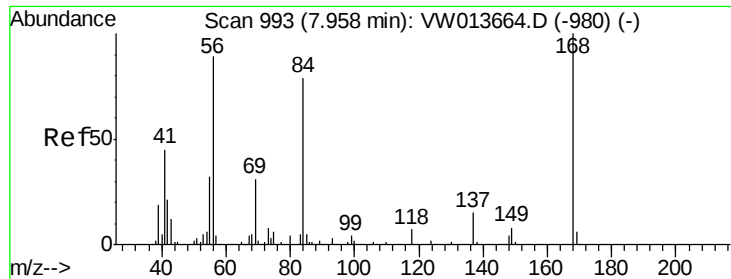
MMDadoda
10/29/2019 2:04:41 PM



#30
Chloroform
Concen: 47.698 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.2





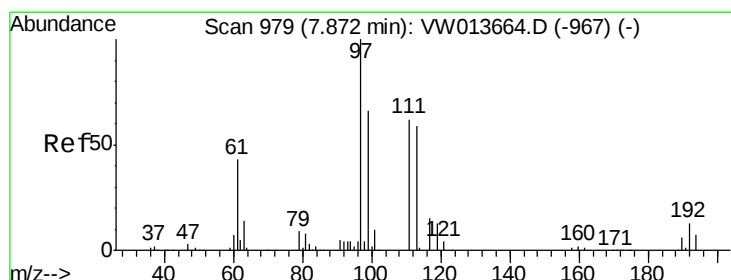
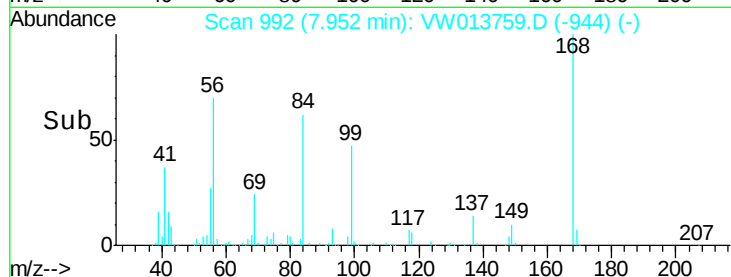
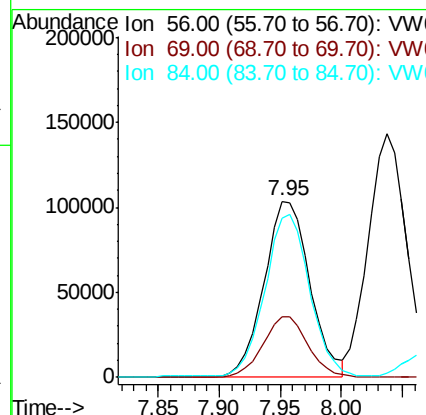
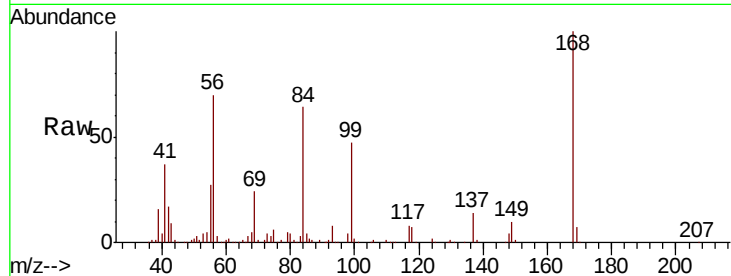
#31
Cvclohexane
Concen: 46.581 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.5	41.3
84	89.4	70.8	106.2

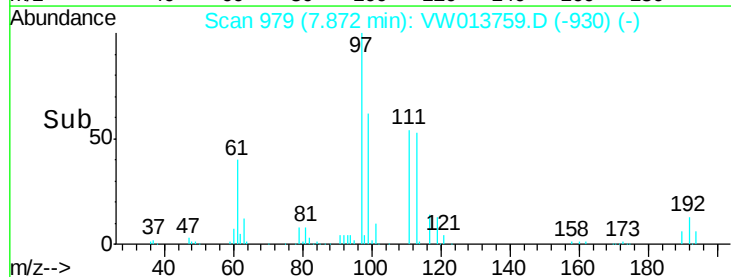
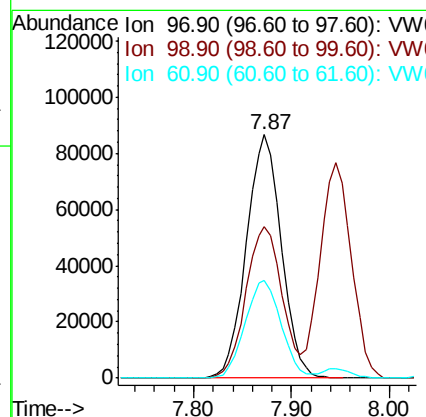
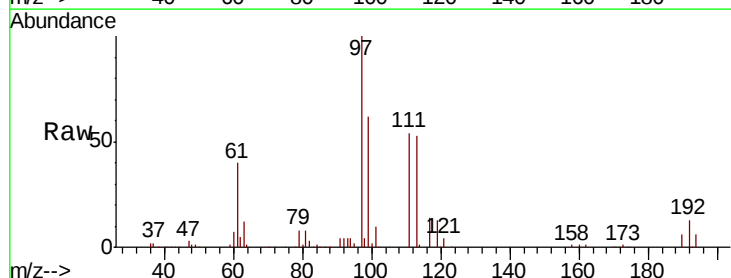
Manual Integrations
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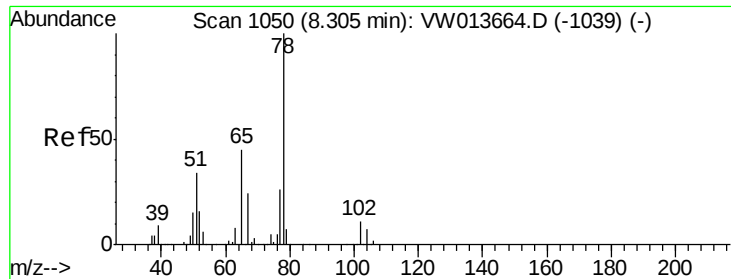
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.729 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	41.6	33.8	50.6





#33

1,2-Dichloroethane-d4

Concen: 49.489 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 129285

Ion Ratio Lower Upper

65 100

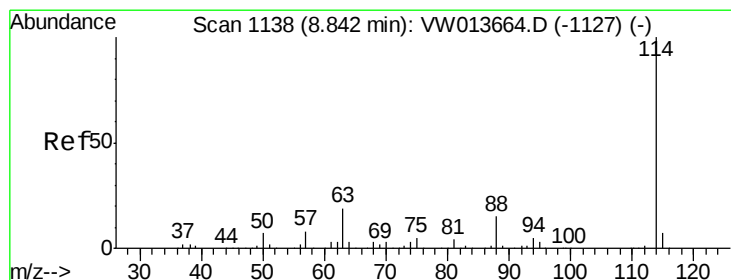
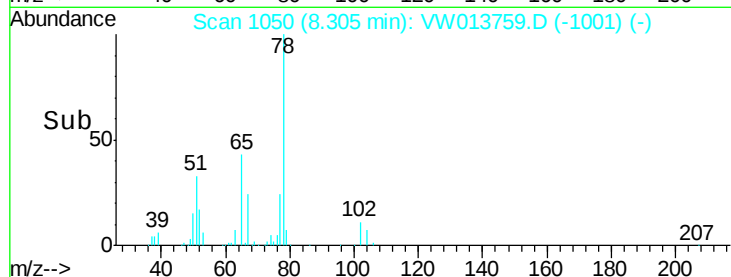
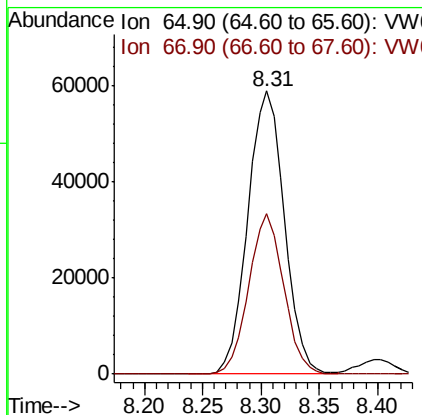
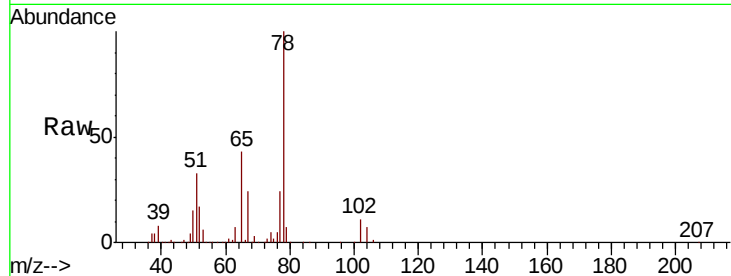
67 54.2 0.0 109.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

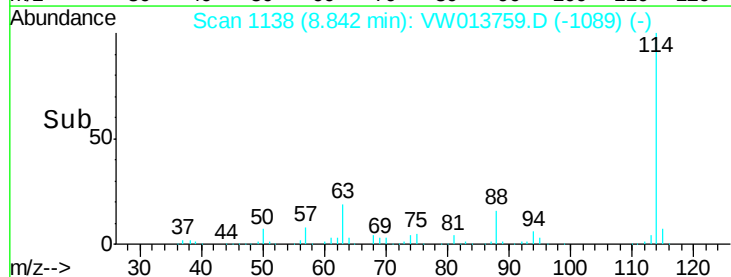
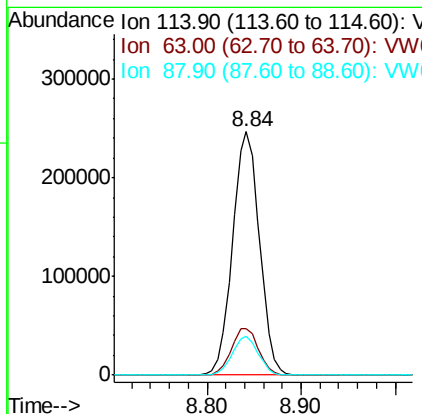
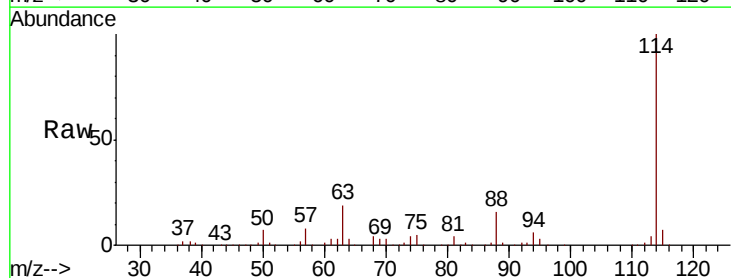
Tgt Ion: 114 Resp: 487710

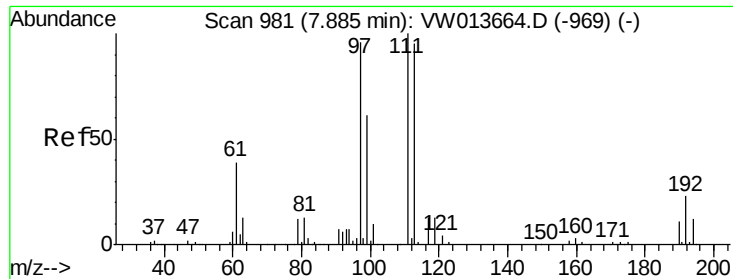
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 15.9 0.0 30.2





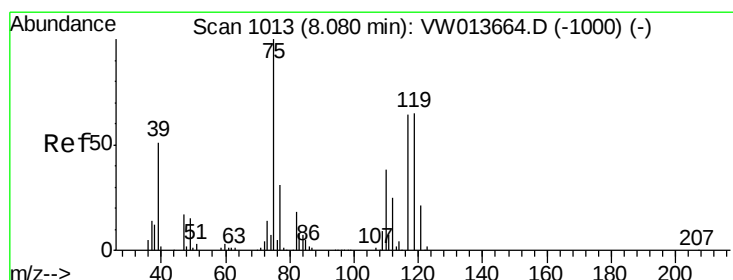
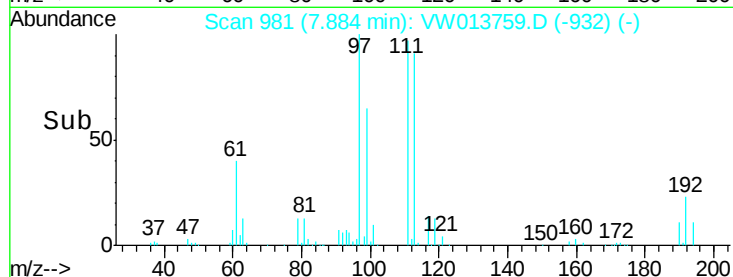
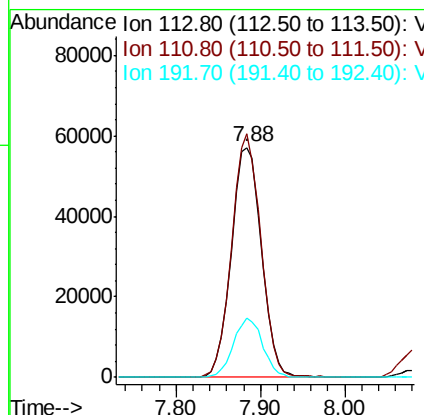
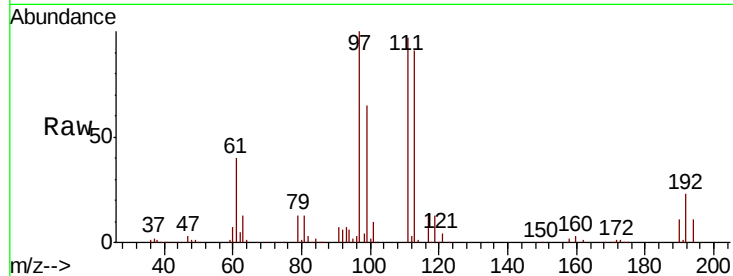
#35
Dibromofluoromethane
Concen: 51.124 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138546		
111	102.1	83.0	124.6	
192	24.7	19.4	29.2	

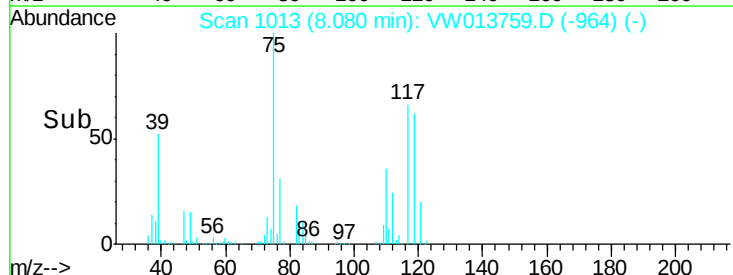
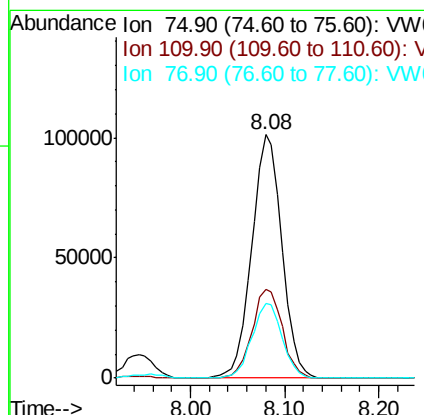
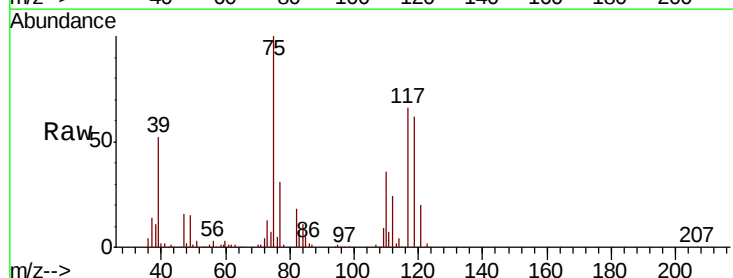
Manual Integrations
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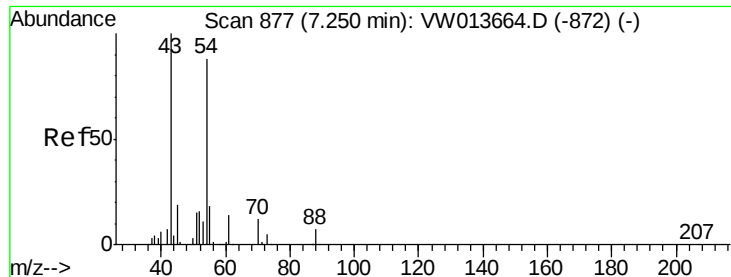
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#36
1,1-Dichloropropene
Concen: 49.650 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	225516		
110	36.8	18.7	56.1	
77	31.0	25.4	38.0	





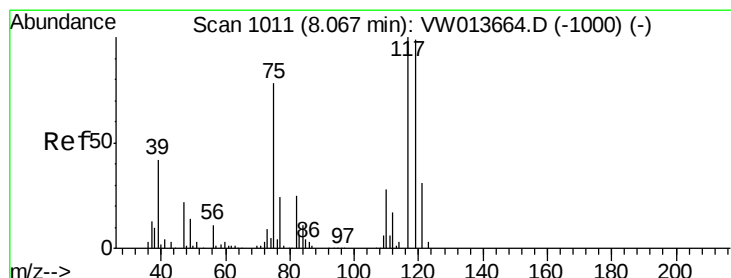
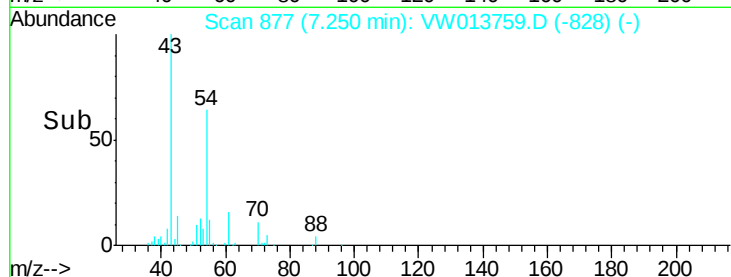
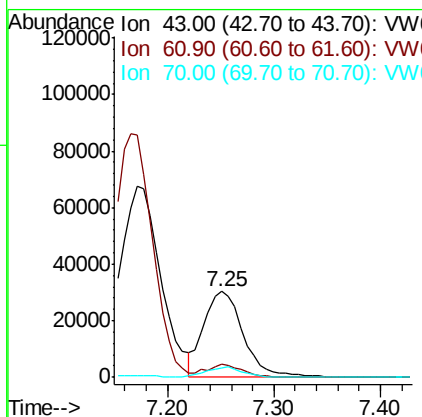
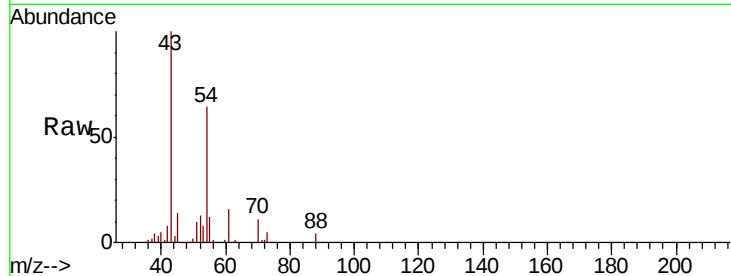
#37
Ethyl Acetate
Concen: 44.134 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.7	17.5
70	11.7	8.8	13.2

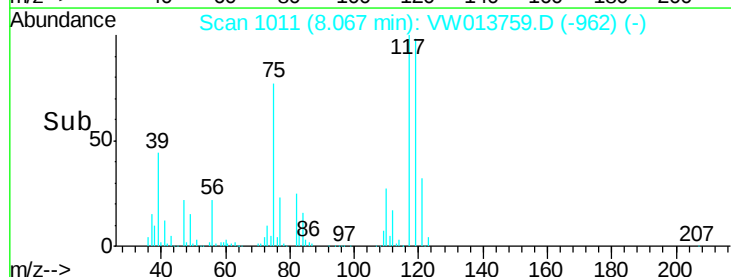
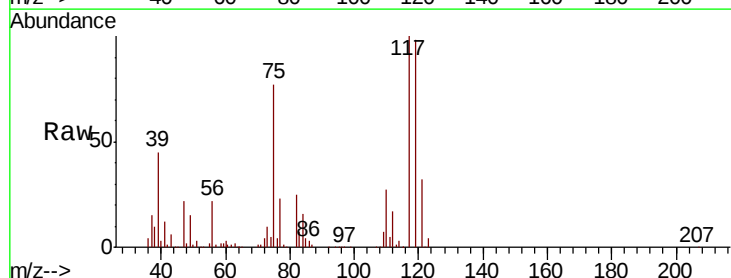
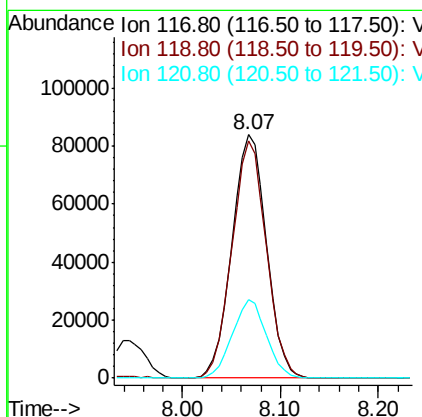
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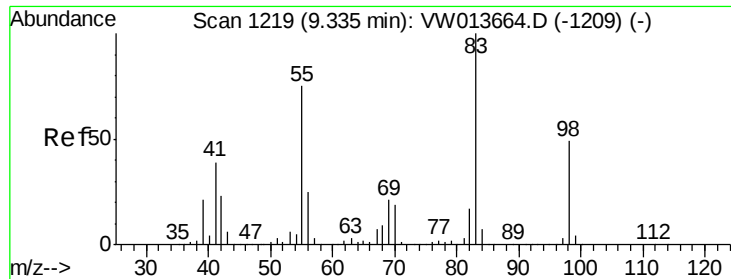
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#38
Carbon Tetrachloride
Concen: 50.246 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.0	118.4
121	32.0	24.5	36.7





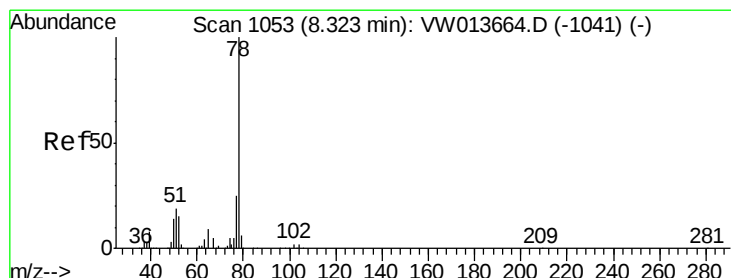
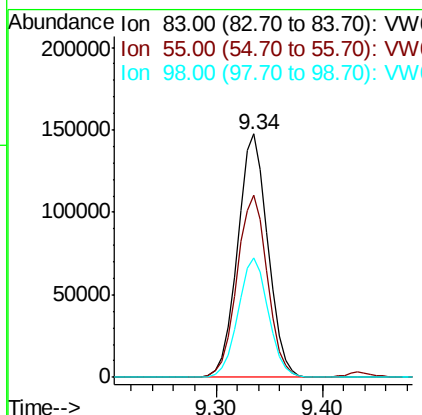
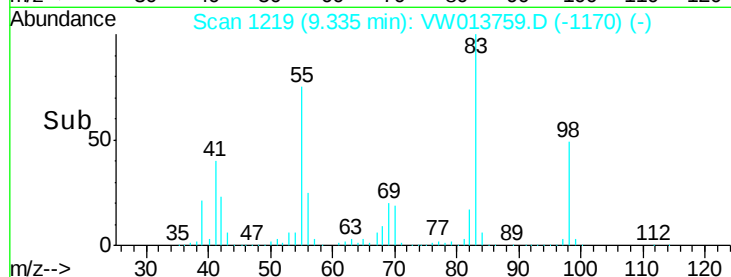
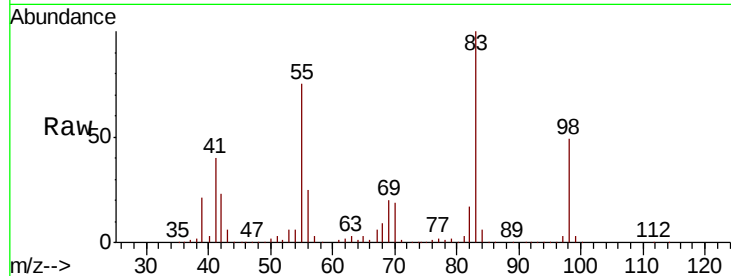
#39
Methvlcvclohexane
Concen: 50.133 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.9	89.9
98	49.0	39.4	59.2

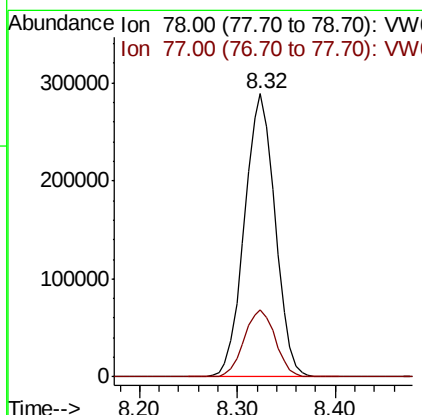
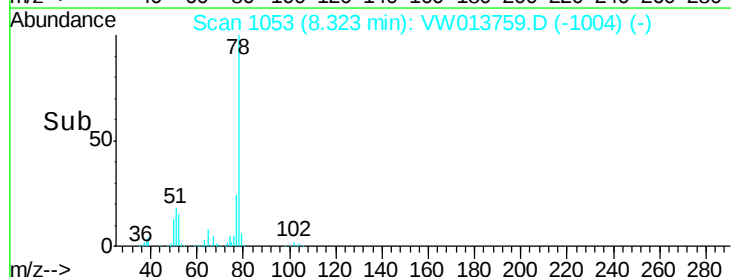
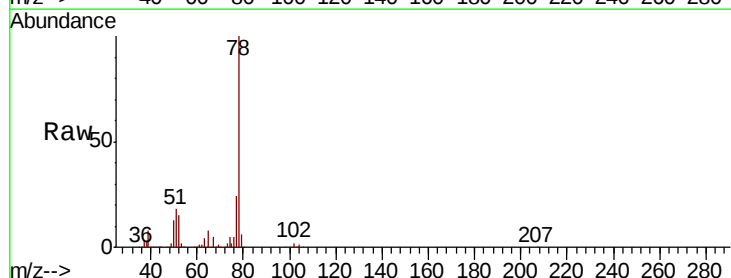
Manual Integrations
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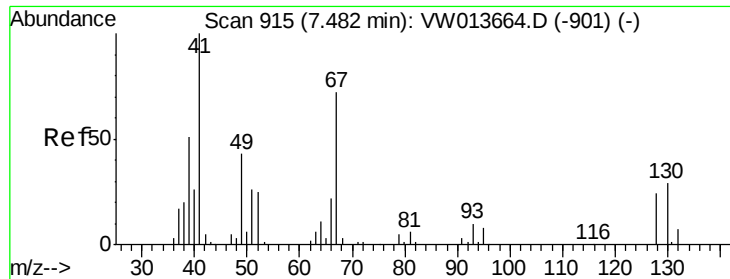
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#40
Benzene
Concen: 48.874 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.6	29.4





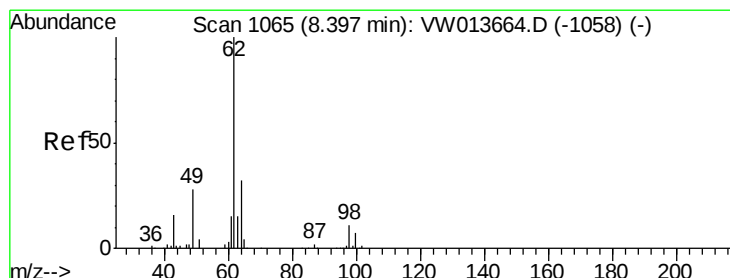
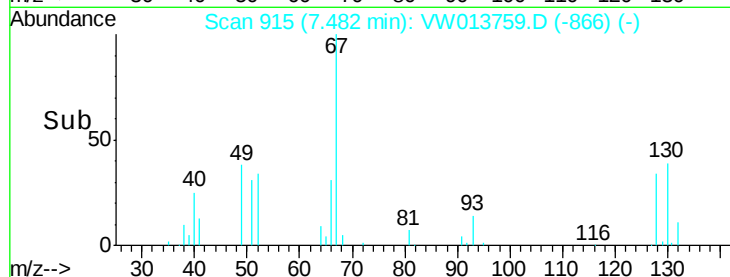
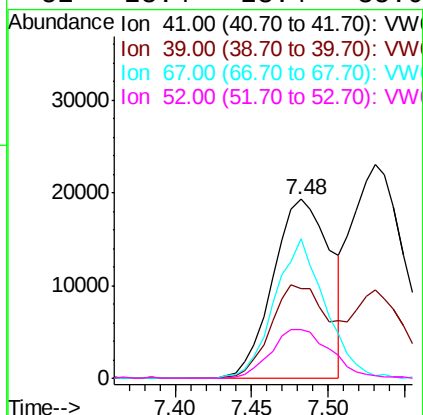
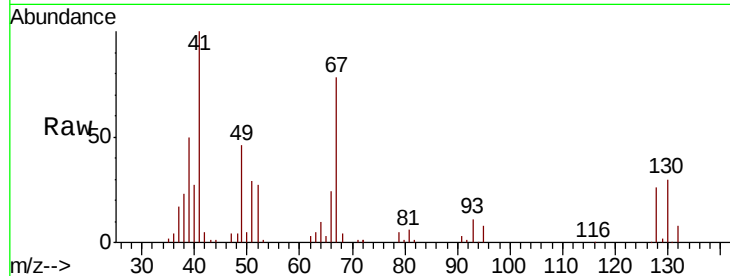
#41
Methacrylonitrile
Concen: 46.657 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.8	67.2
67	68.6	59.3	88.9
52	28.4	23.4	35.0

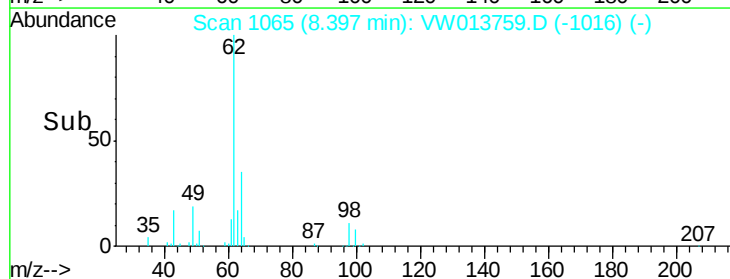
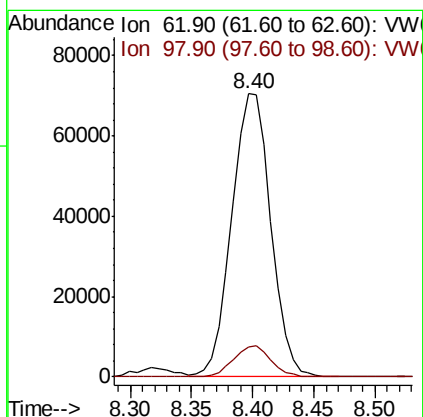
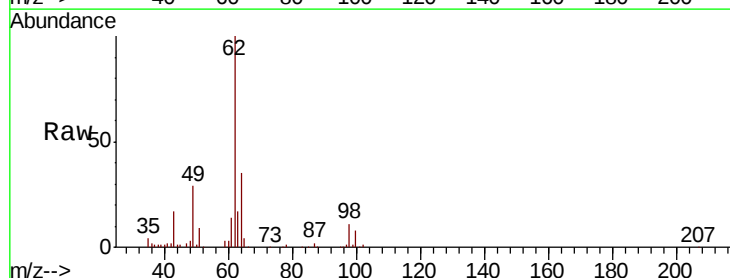
Manual Integrations
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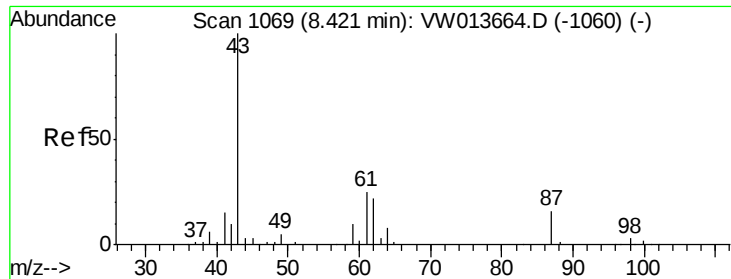
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.055 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.4





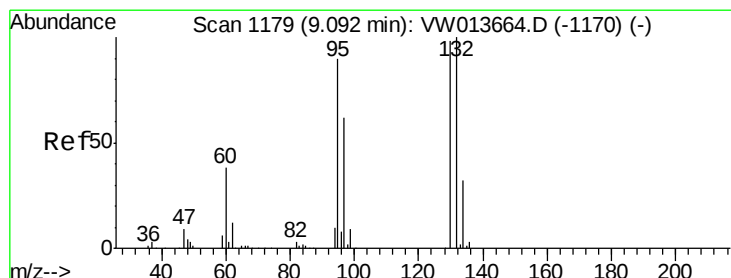
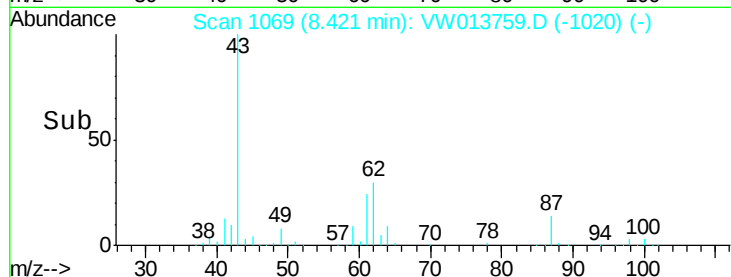
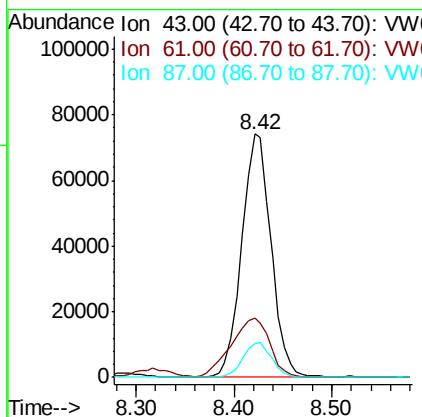
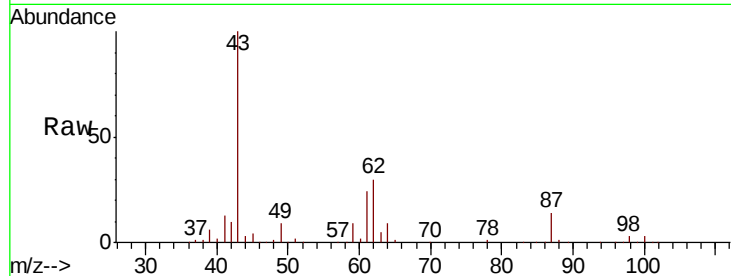
#43
Isopropyl Acetate
Concen: 46.189 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.1	39.1
87	14.1	11.4	17.0

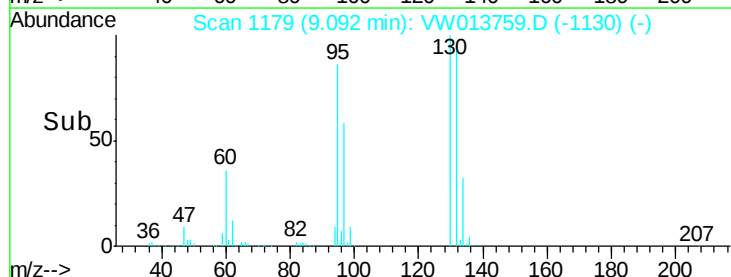
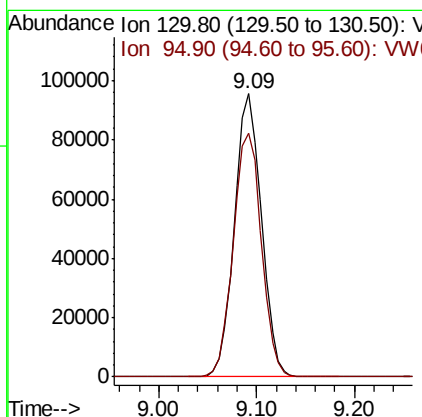
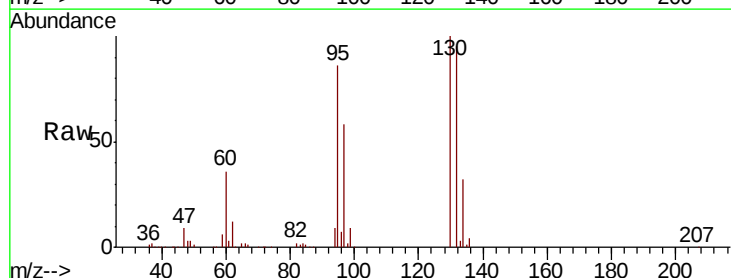
Manual Integrations
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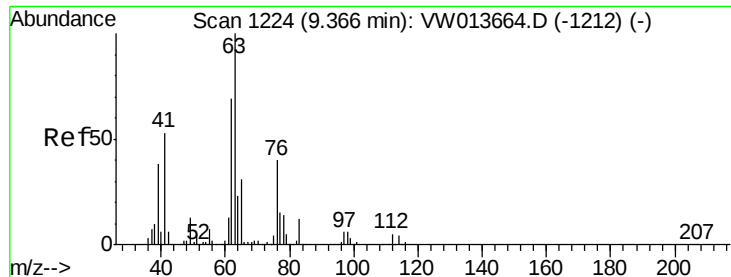
MMDadoda
10/29/2019 2:04:41 PM



#44
Trichloroethene
Concen: 49.989 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.2	0.0	184.6





#45

1,2-Dichloropropane

Concen: 48.414 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 148644

Ion Ratio Lower Upper

63 100

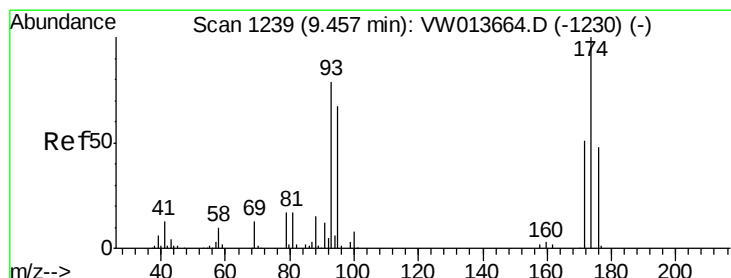
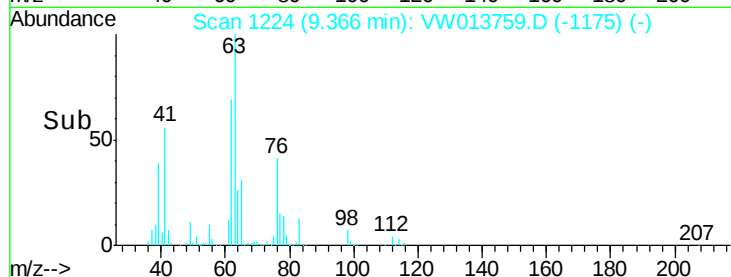
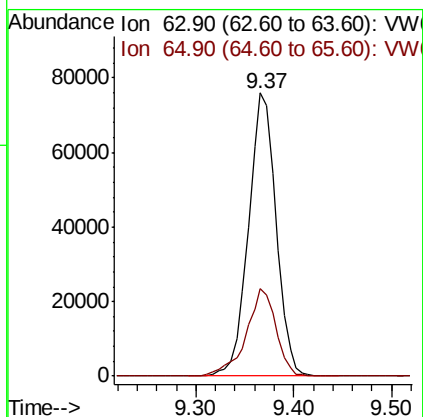
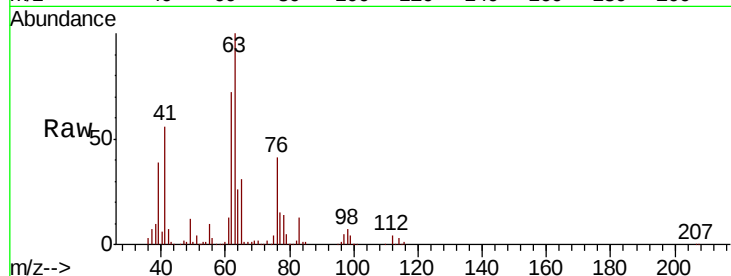
65 31.0 25.2 37.8

Manual Integrations

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10/29/2019 2:04:41 PM



#46

Dibromomethane

Concen: 46.607 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

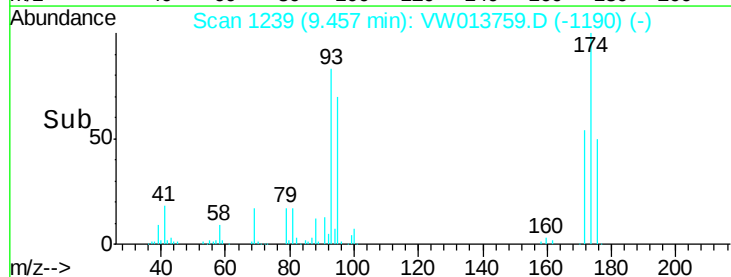
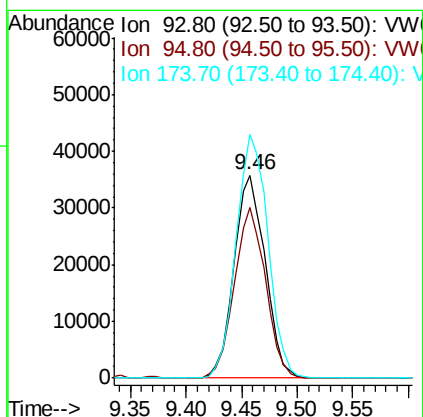
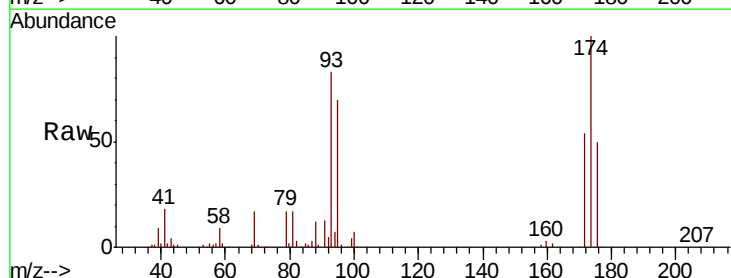
Tgt Ion: 93 Resp: 69453

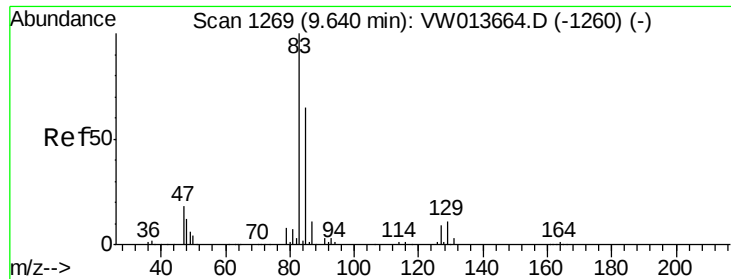
Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

174 123.1 99.6 149.4





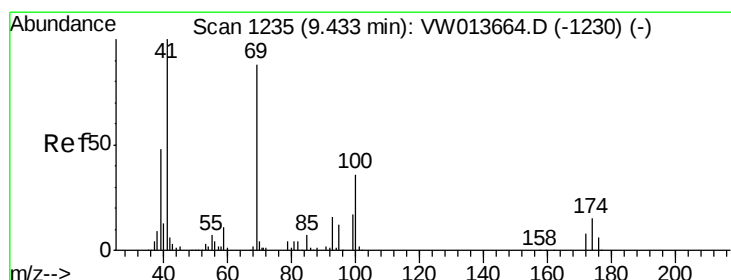
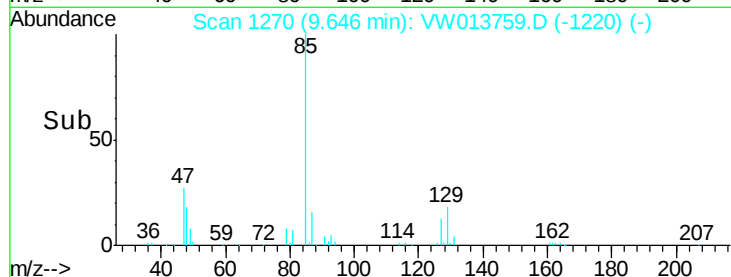
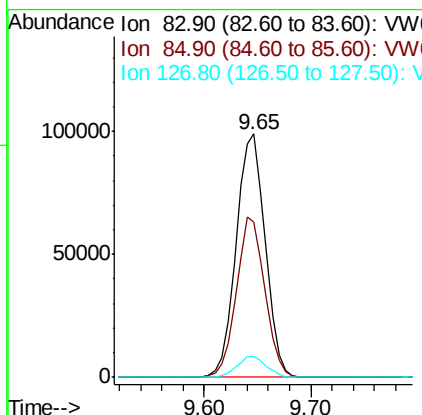
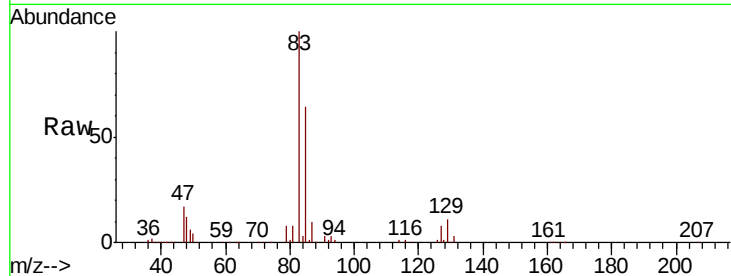
#47
Bromodichloromethane
Concen: 49.079 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	189239
Ion Ratio	100		
85	63.5	51.8	77.6
127	8.5	7.3	10.9

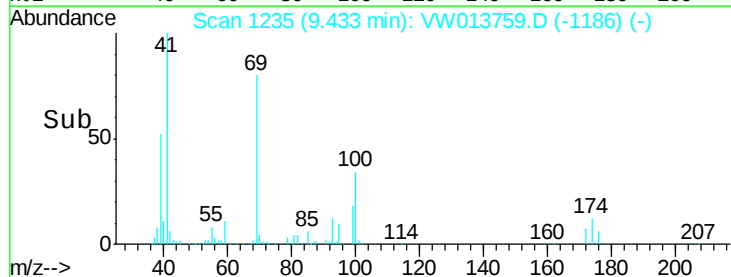
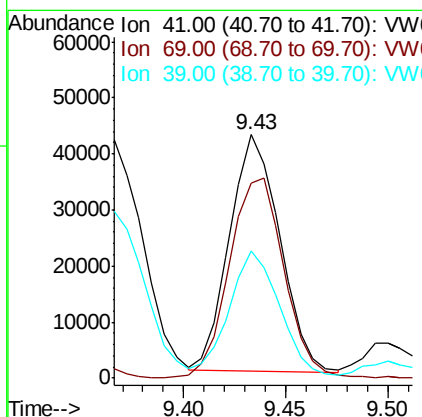
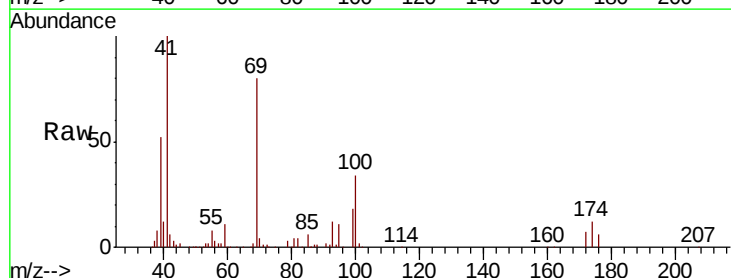
Manual Integrations
APPROVED

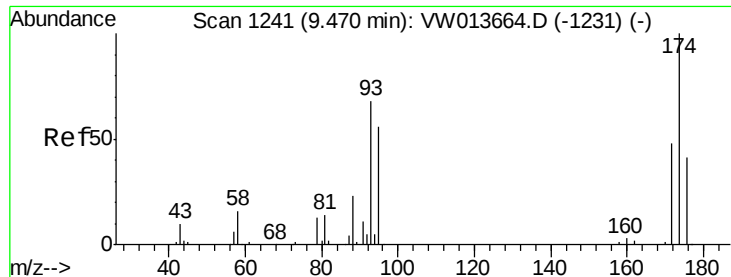
MMDadoda
10/29/2019 2:04:41 PM



#48
Methyl methacrylate
Concen: 43.827 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	41	Resp	72332
Ion Ratio	100		
69	91.9	67.6	101.4
39	51.2	38.6	58.0





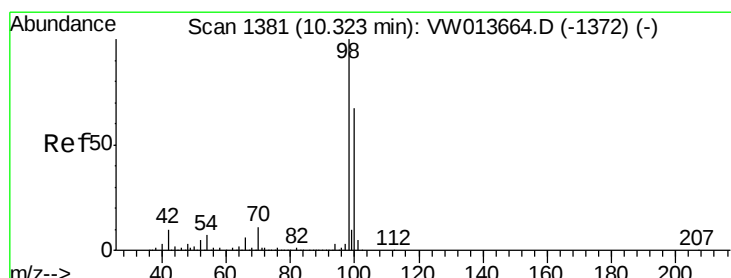
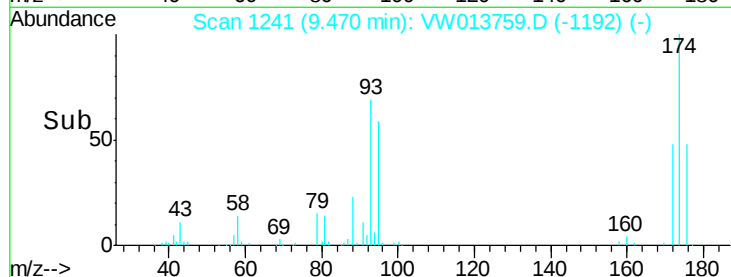
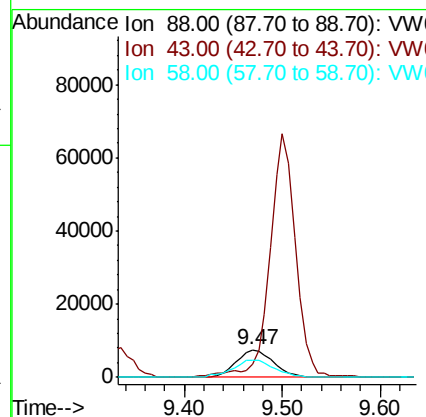
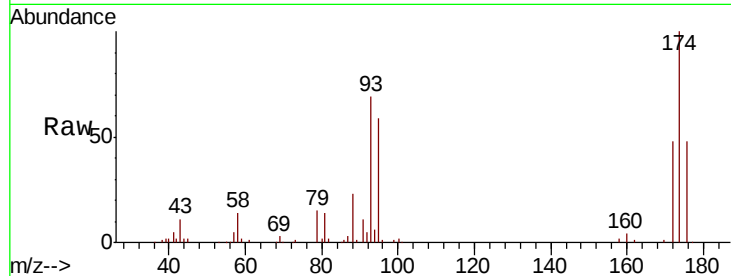
#49
1,4-Dioxane
Concen: 912.421 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	20092
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.6	58.9	88.3

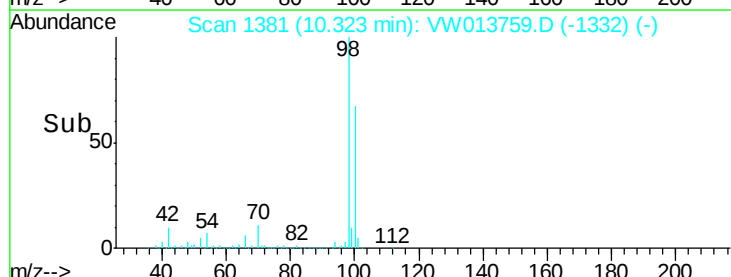
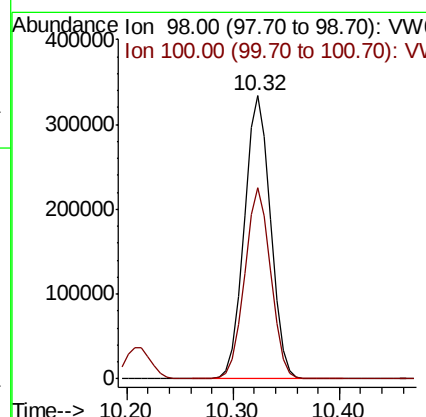
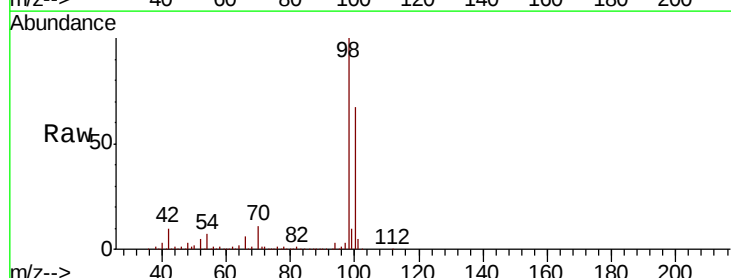
Manual Integrations
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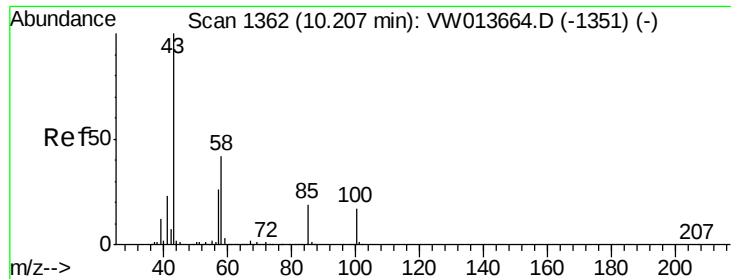
MMDadoda
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#50
Toluene-d8
Concen: 52.494 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	98	Resp	579670
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0





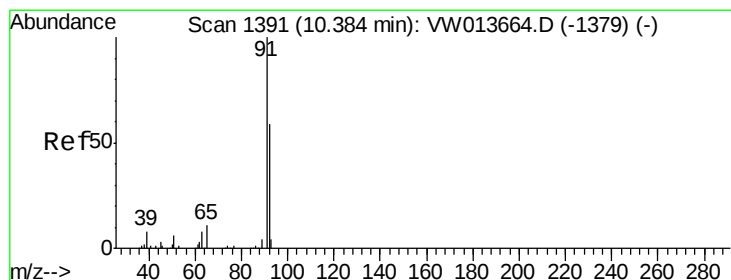
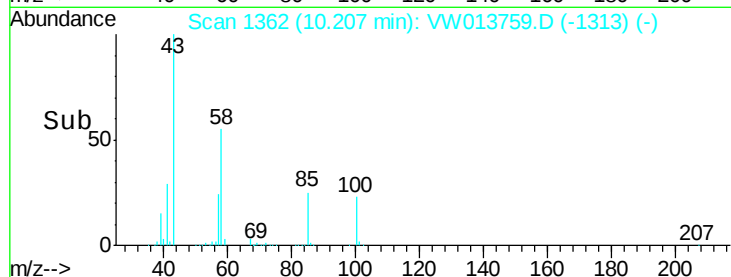
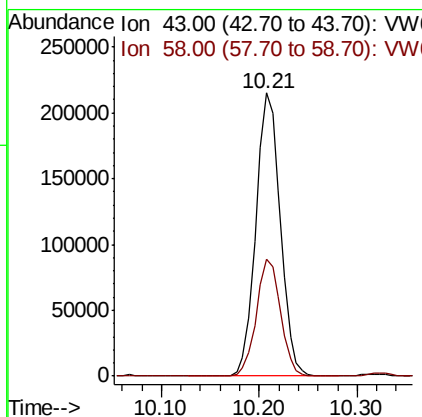
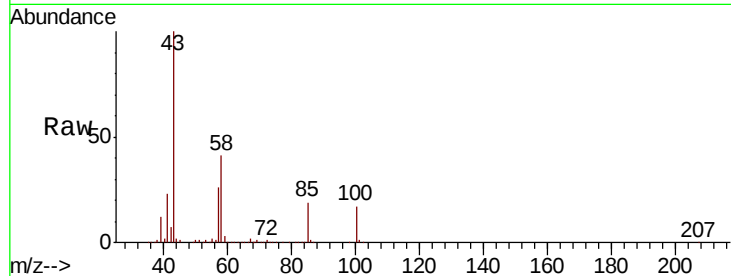
#51
4-Methyl-2-Pentanone
Concen: 225.219 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.9	32.6	49.0

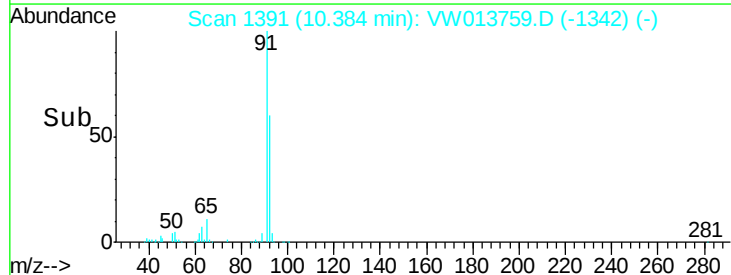
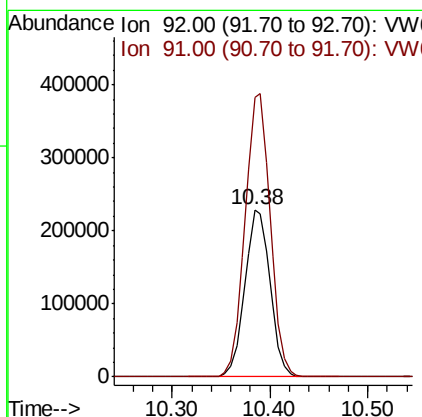
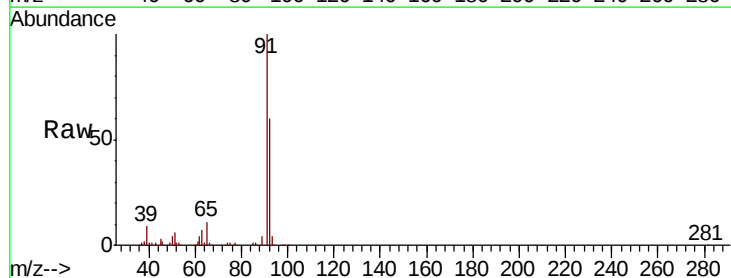
Manual Integrations
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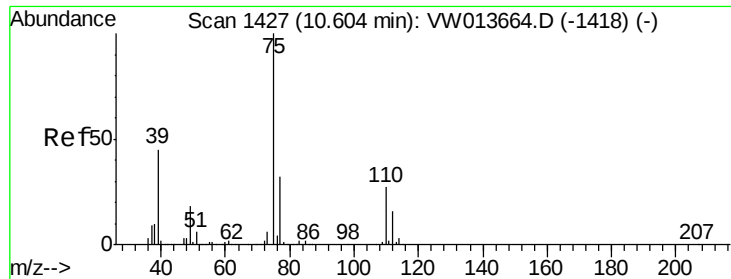
MMDadoda
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#52
Toluene
Concen: 49.097 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	134.5	201.7





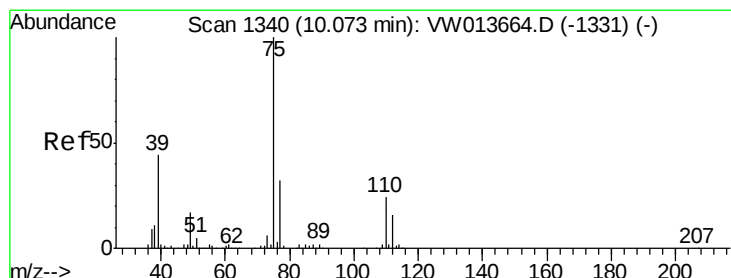
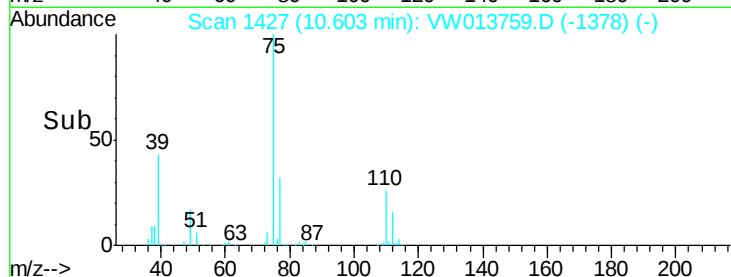
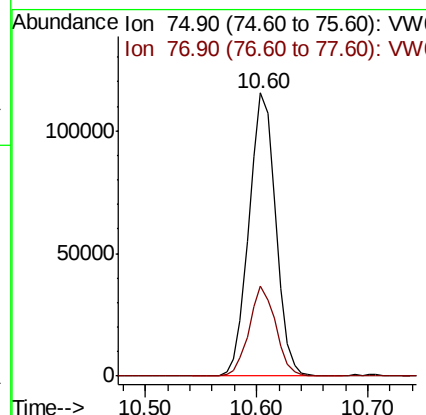
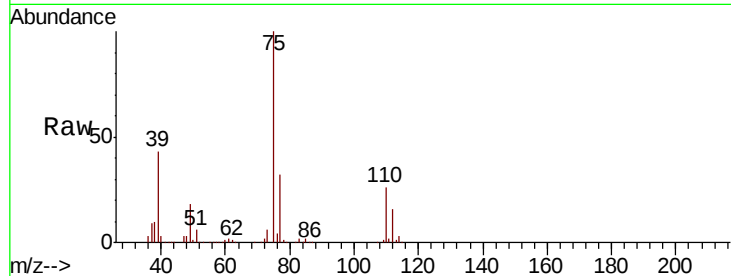
#53
 t-1,3-Dichloropropene
 Concen: 49.444 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3

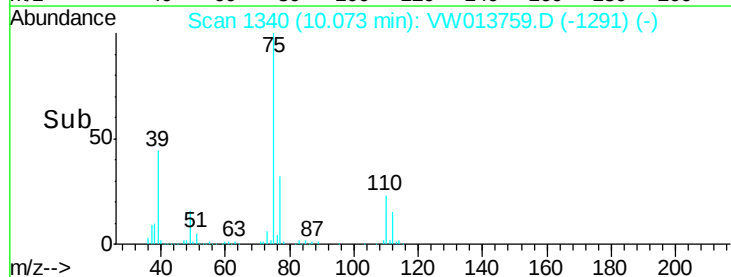
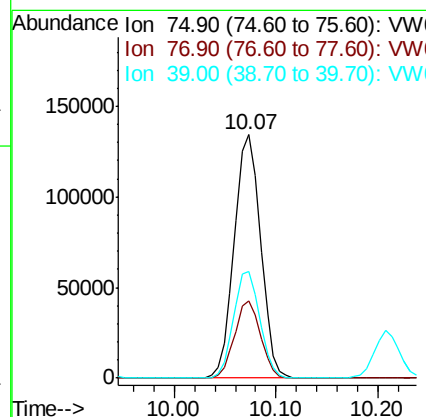
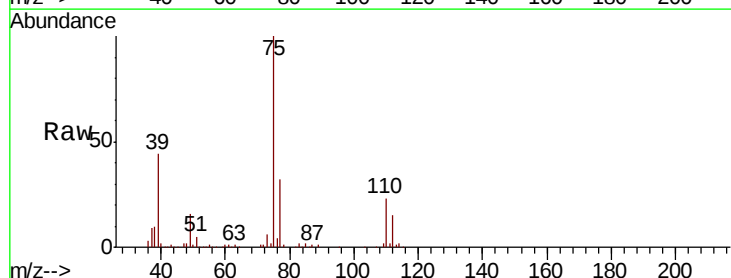
Manual Integrations
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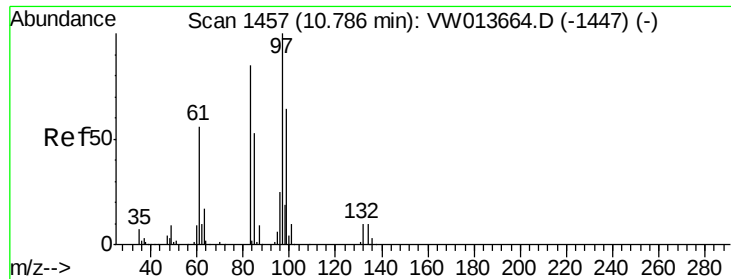
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#54
 cis-1,3-Dichloropropene
 Concen: 49.793 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	44.1	35.3	52.9





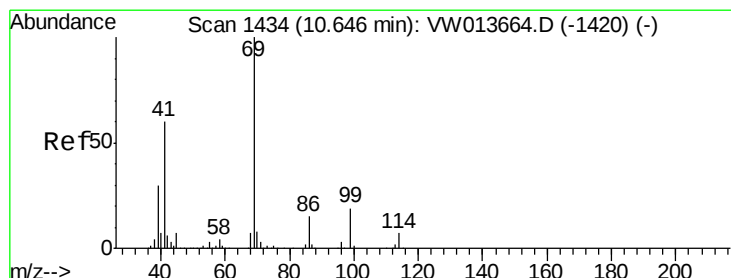
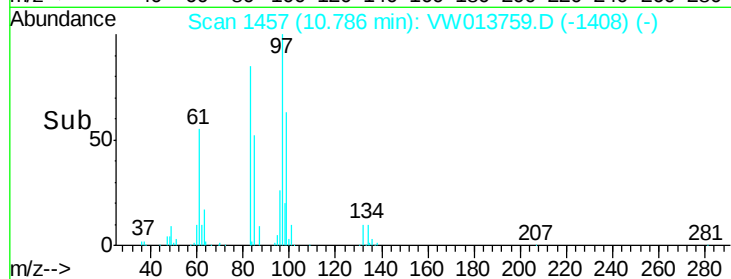
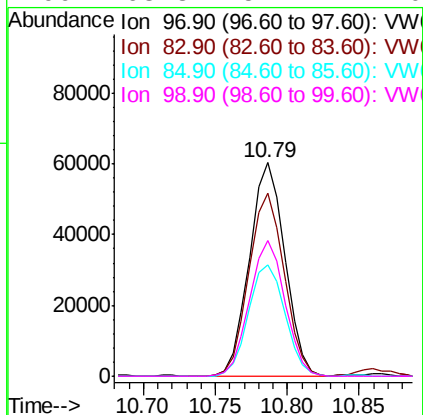
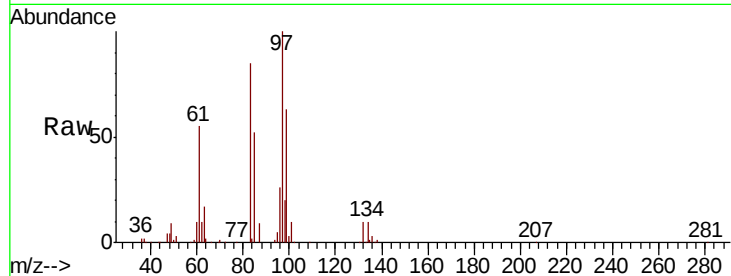
#55
 1,1,2-Trichloroethane
 Concen: 46.376 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	102995
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.8	101.8
85	52.4	42.1	63.1
99	63.3	51.4	77.0

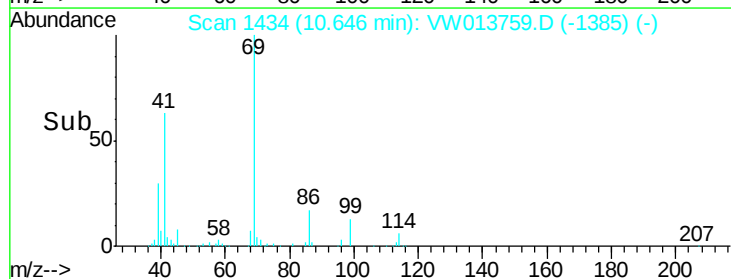
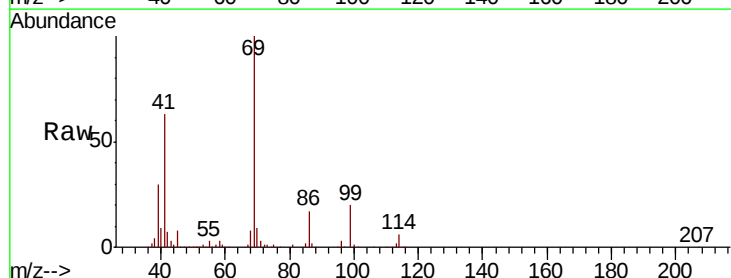
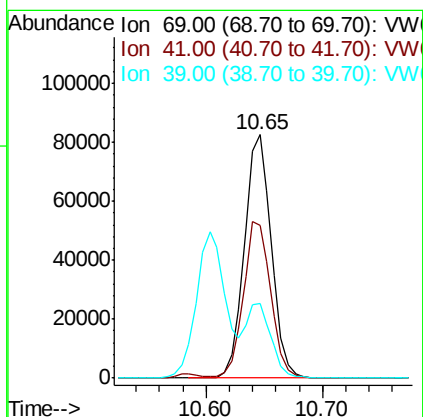
Manual Integrations
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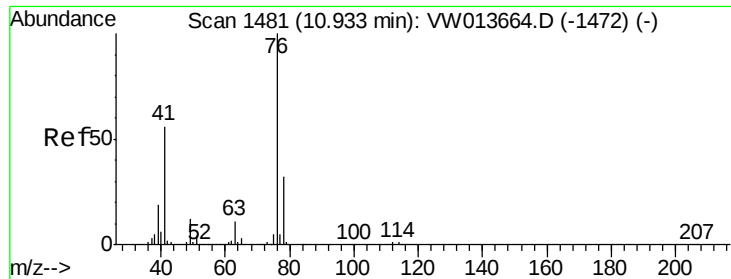
MMDadoda
 10/29/2019 2:04:41 PM



#56
 Ethyl methacrylate
 Concen: 47.899 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Tgt Ion:	69	Resp:	133093
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.6	77.4
39	28.6	22.4	33.6





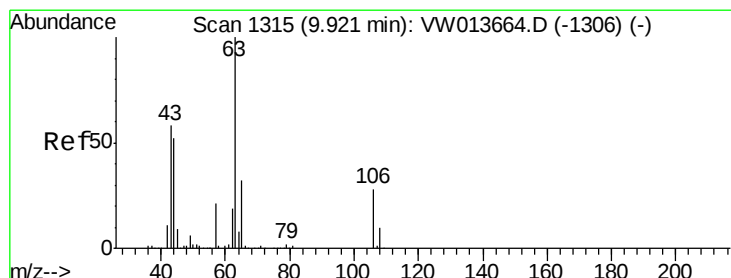
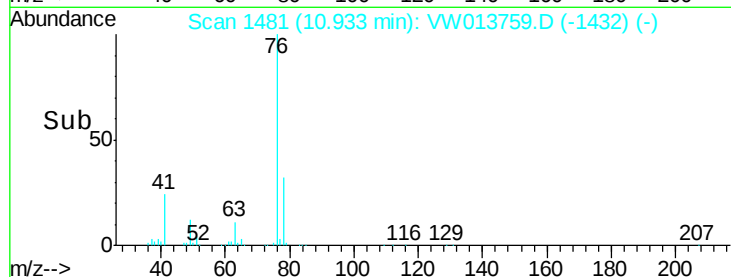
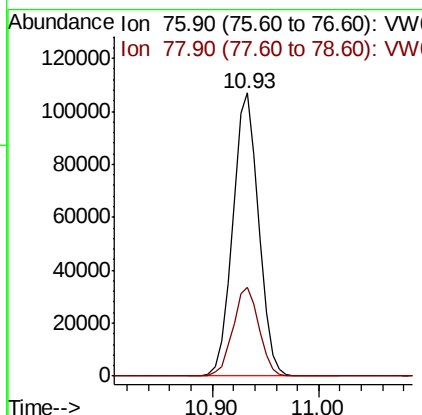
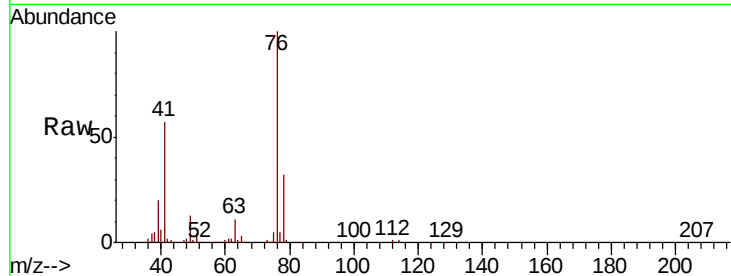
#57
 1,3-Dichloropropane
 Concen: 47.616 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 181473
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0

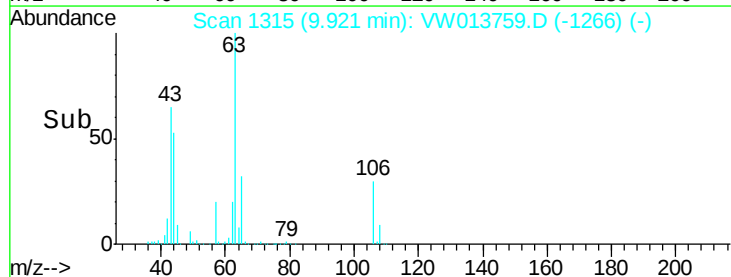
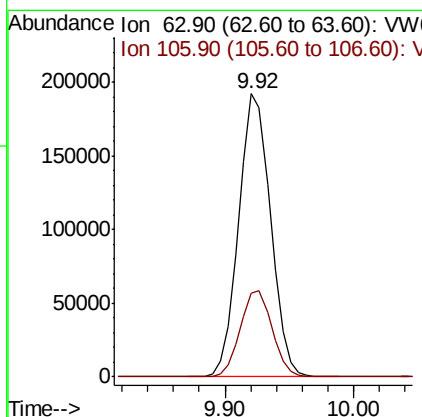
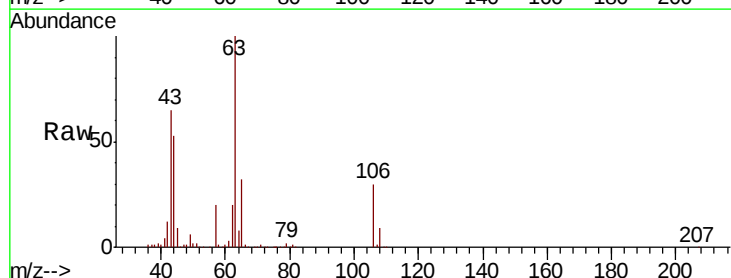
Manual Integrations
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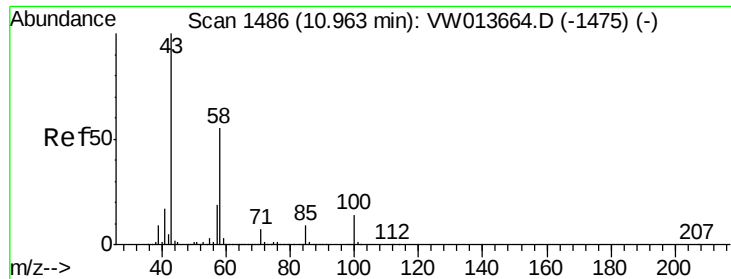
MMDadoda
 10/29/2019 2:04:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.648 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Tgt Ion: 63 Resp: 329485
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.8 35.8





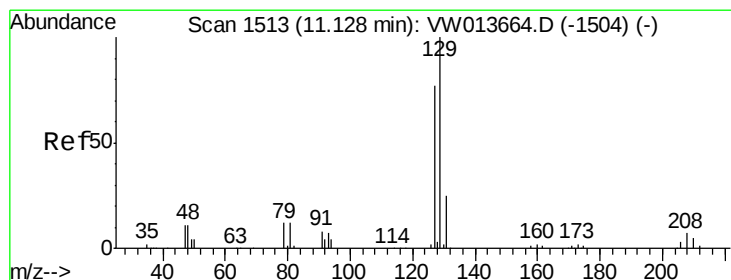
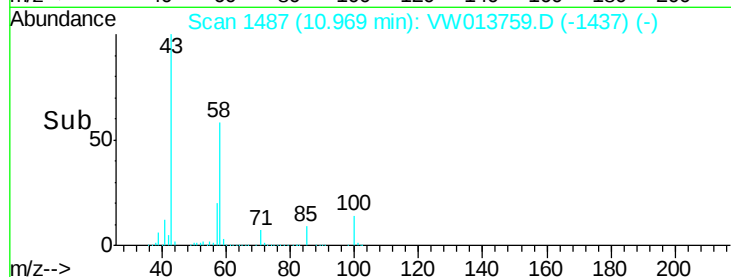
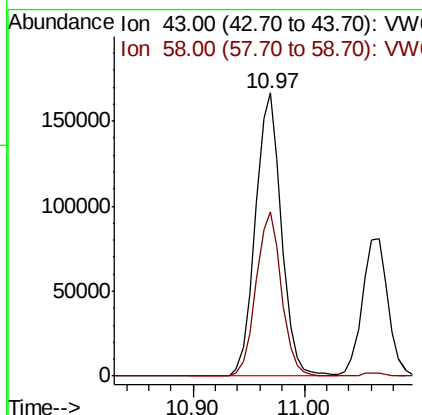
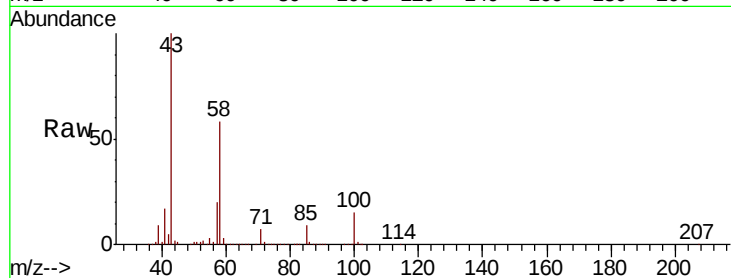
#59
2-Hexanone
Concen: 237.776 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 271094
Ion Ratio Lower Upper
43 100
58 56.6 27.9 83.7

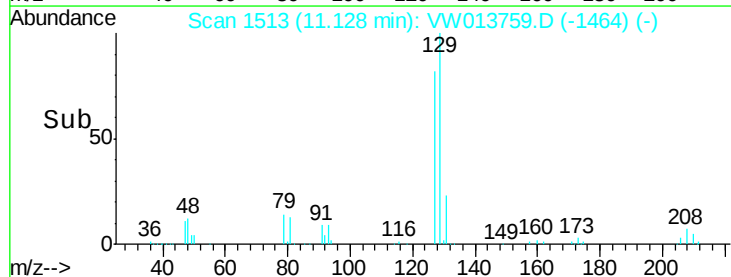
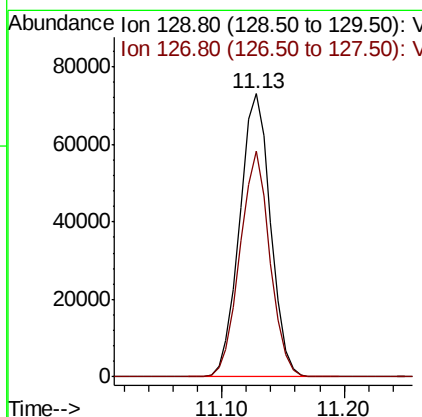
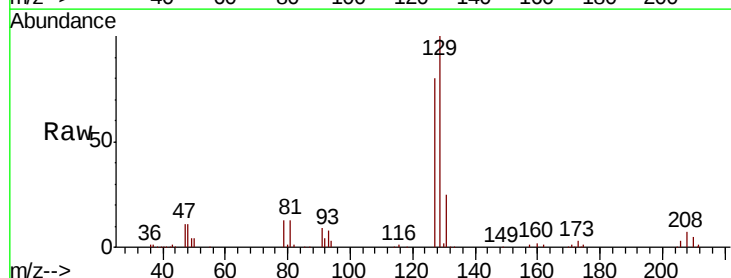
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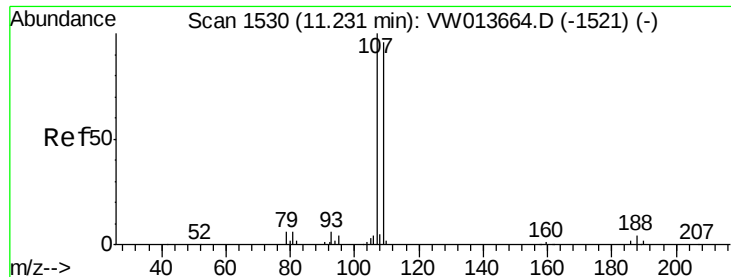
MMDadoda
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#60
Dibromochloromethane
Concen: 48.593 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion: 129 Resp: 128133
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 46.315 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 97313

Ion Ratio Lower Upper

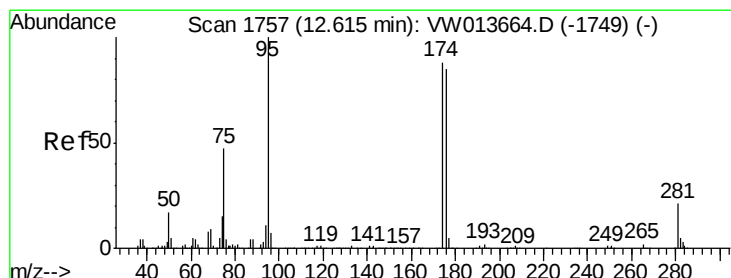
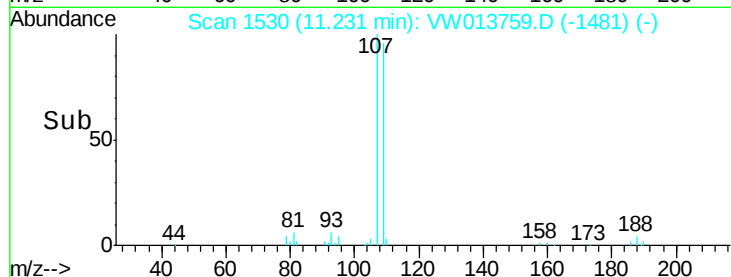
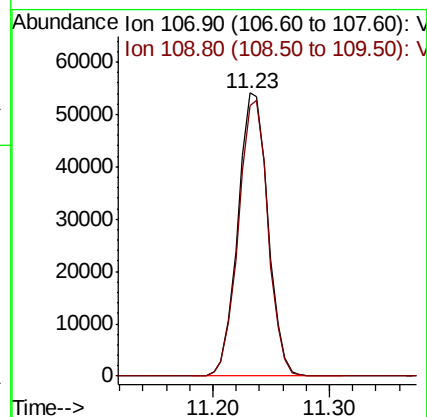
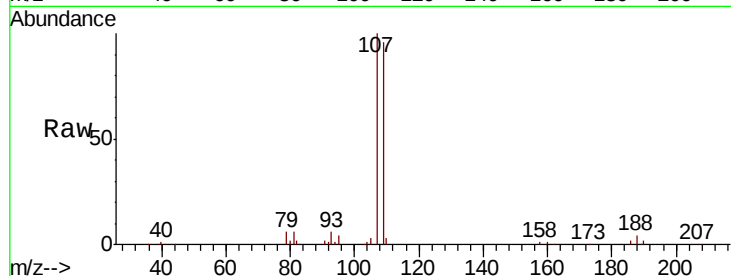
107 100

109 95.9 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.569 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

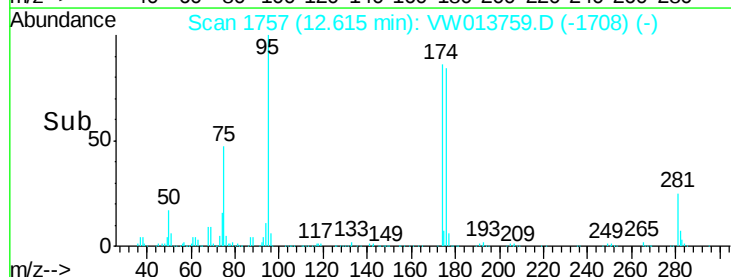
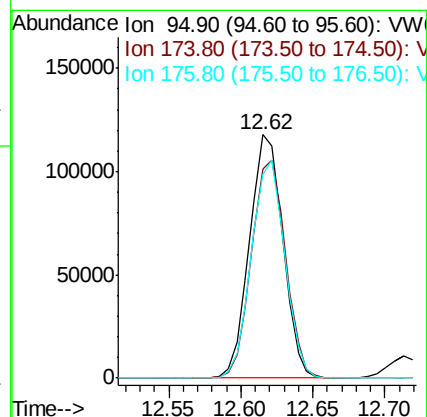
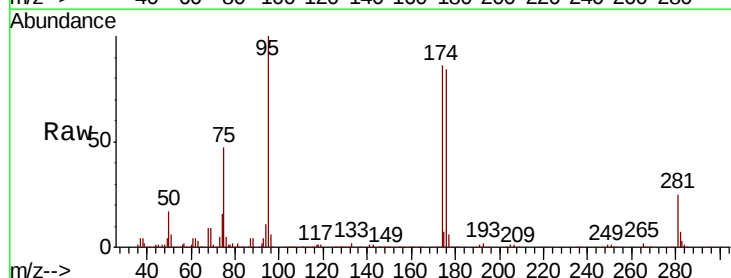
Tgt Ion: 95 Resp: 189077

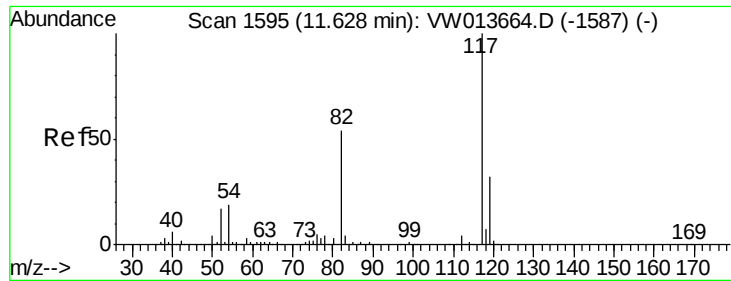
Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.6

176 89.3 0.0 178.0





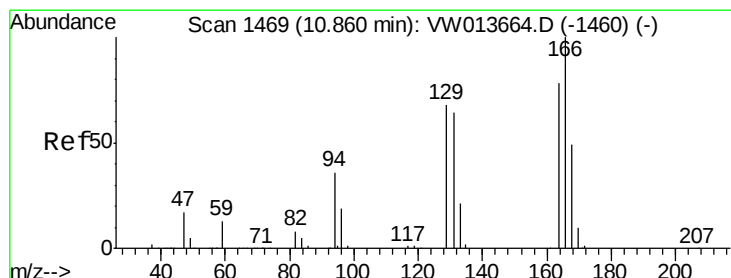
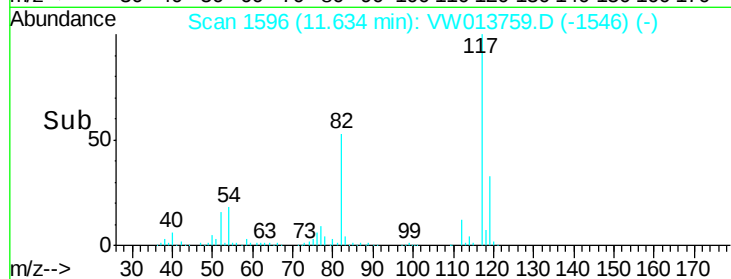
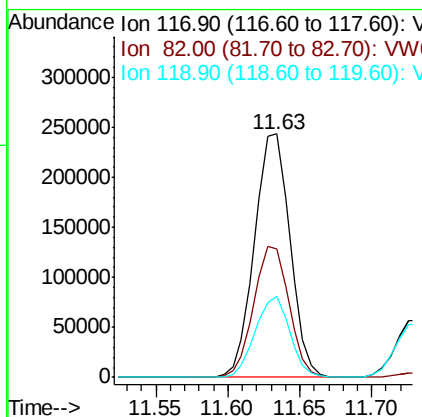
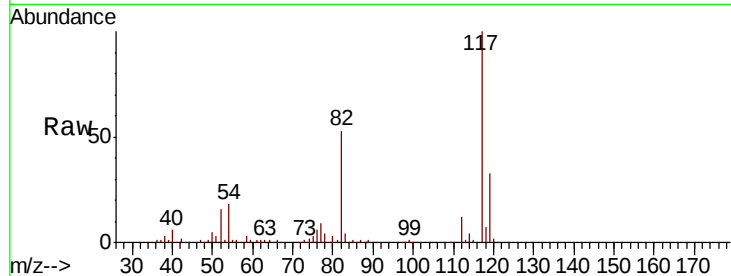
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.6	65.4
119	33.5	25.4	38.2

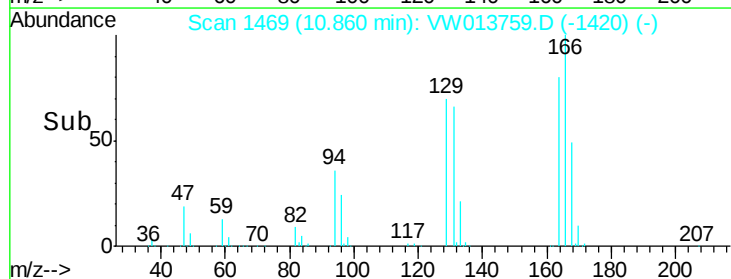
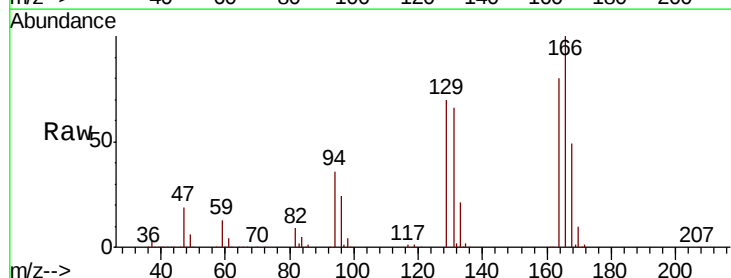
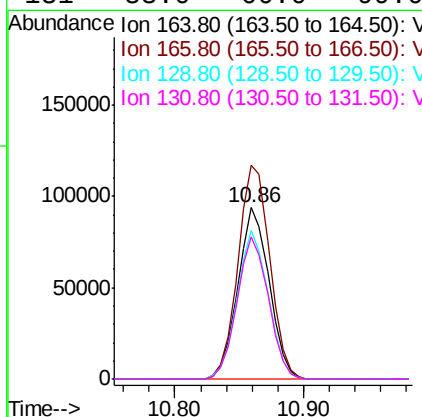
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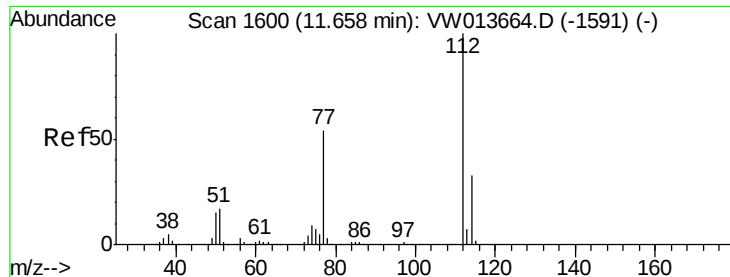
MMDadoda
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#64
Tetrachloroethene
Concen: 49.562 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	103.2	154.8
129	87.0	70.6	105.8
131	83.0	66.0	99.0





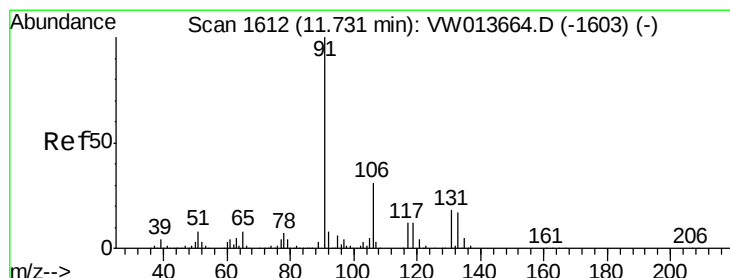
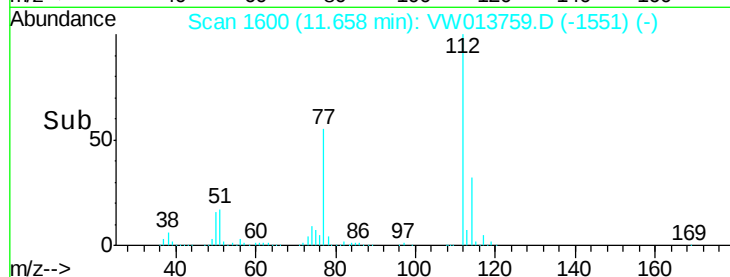
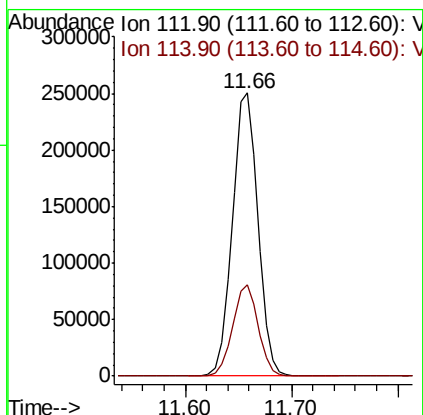
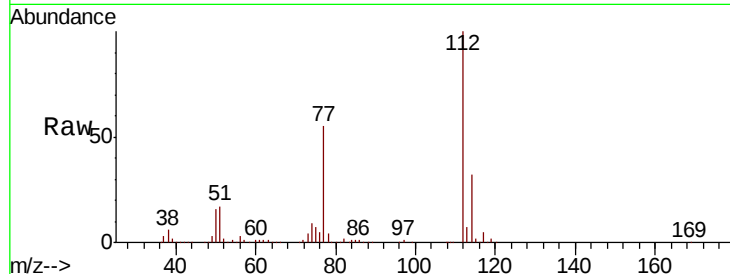
#65
Chlorobenzene
Concen: 49.349 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.4

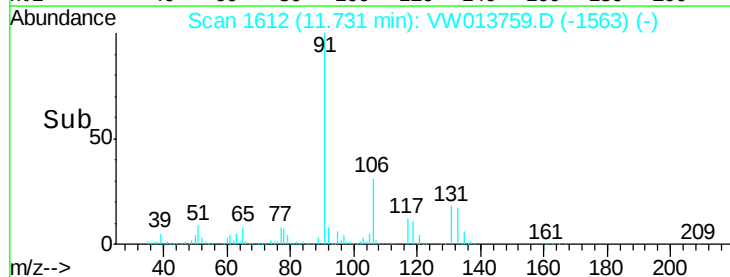
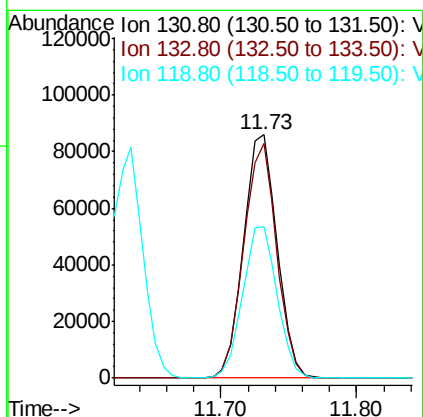
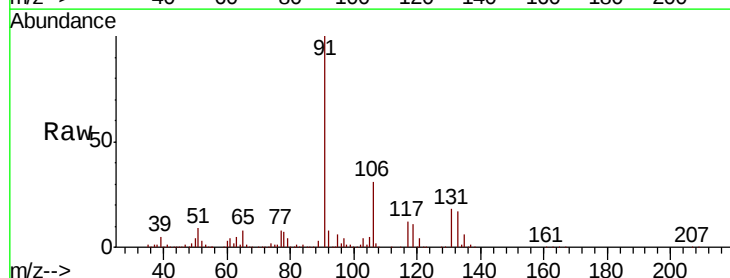
Manual Integrations
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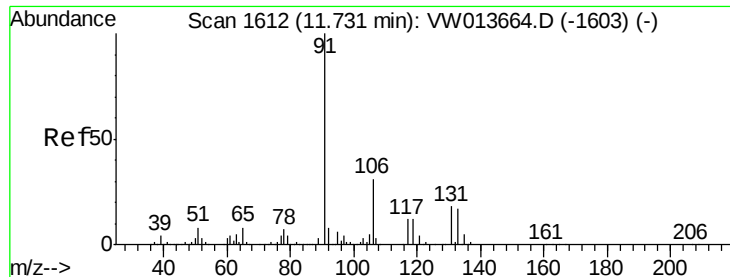
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.915 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.4	142.3
119	63.7	33.1	99.2





#67

Ethyl Benzene

Concen: 50.246 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 773834

Ion Ratio Lower Upper

91 100

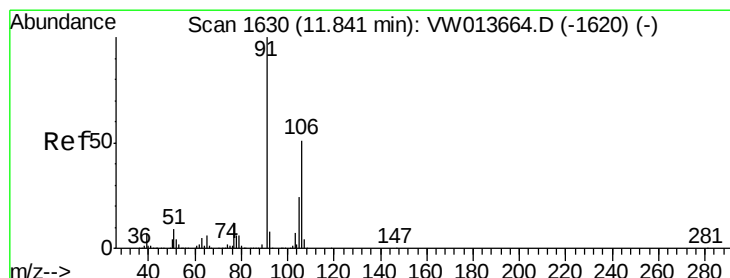
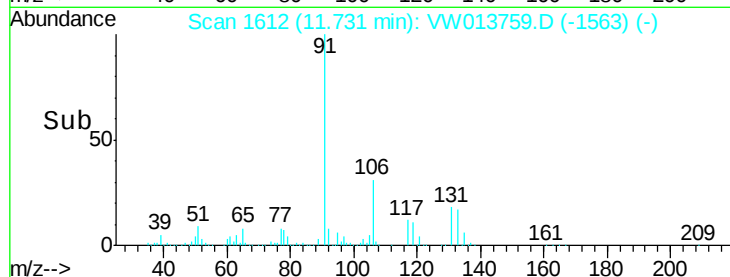
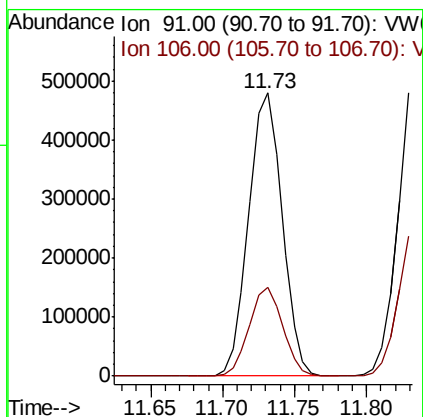
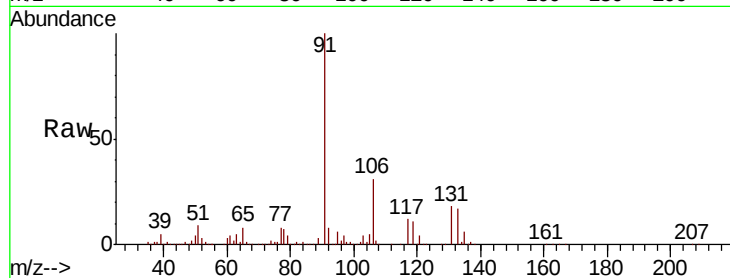
106 31.4 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.681 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW013759.D

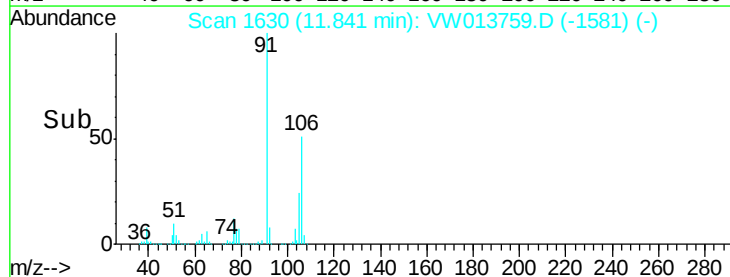
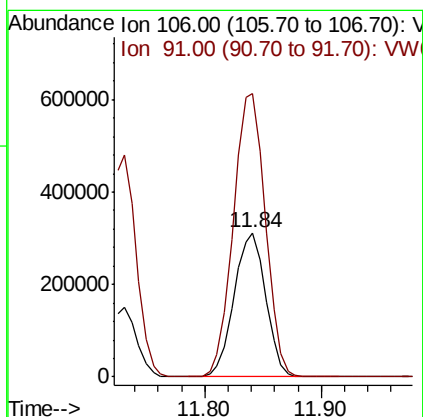
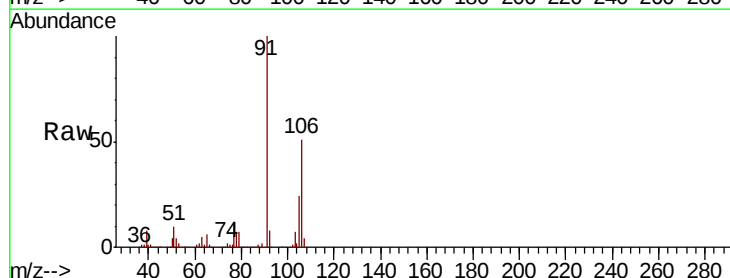
Acq: 28 Oct 2019 11:43

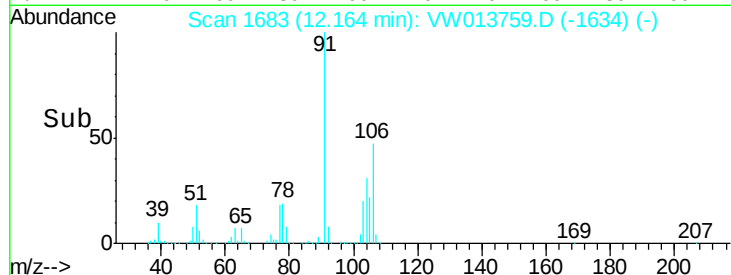
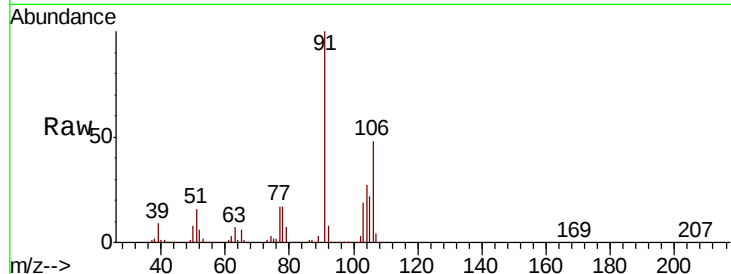
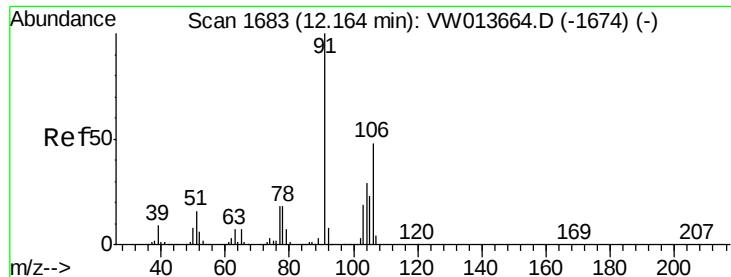
Tgt Ion: 106 Resp: 593124

Ion Ratio Lower Upper

106 100

91 197.9 159.2 238.8





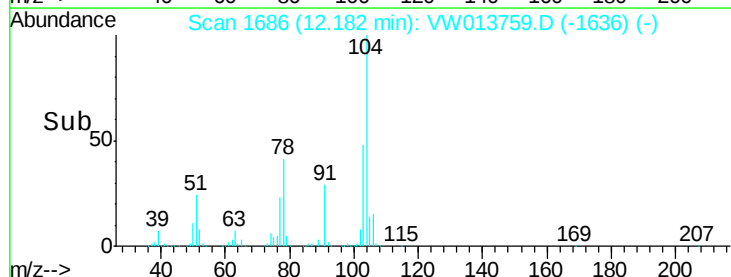
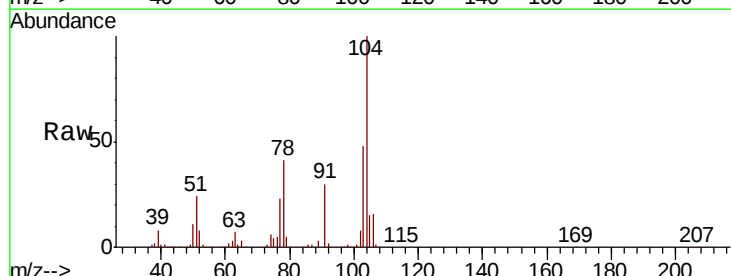
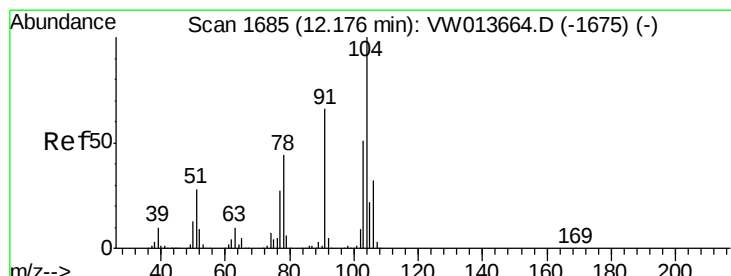
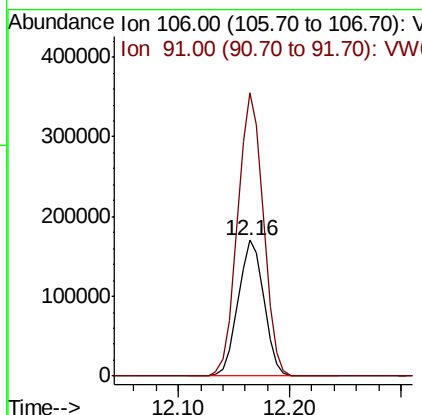
#69
o-Xylene
Concen: 50.040 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	273684		
91	207.6	104.9	314.7		

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

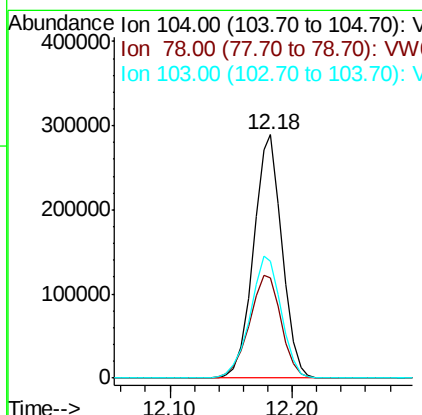
Manual Integrations
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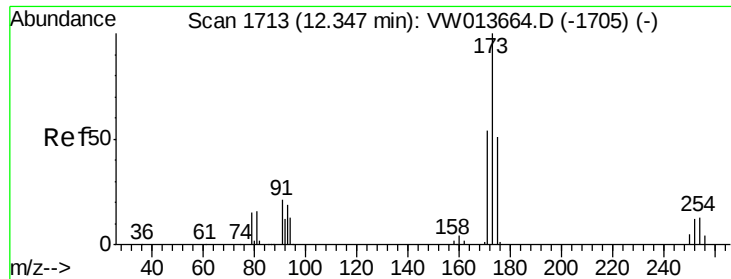
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#70
Styrene
Concen: 49.814 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	468103		
78	47.4	37.1	55.7		
103	54.5	43.6	65.4		





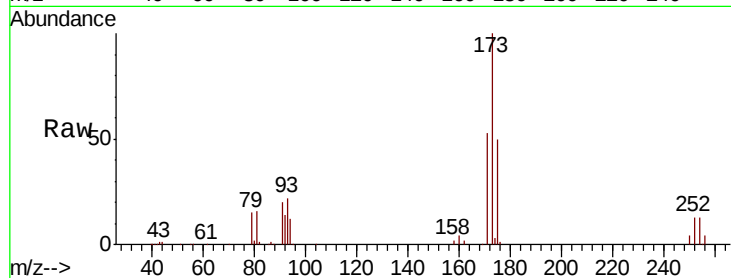
#71
Bromoform
Concen: 47.991 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

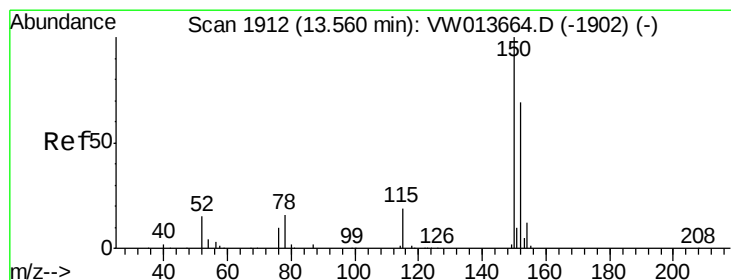
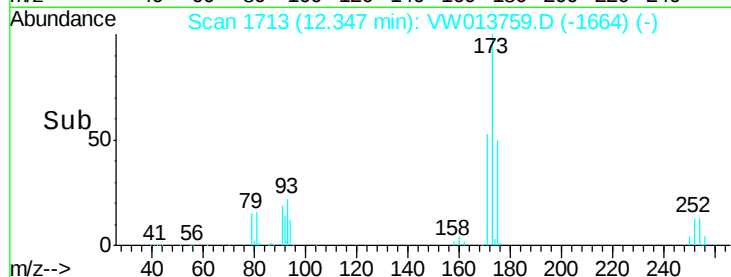
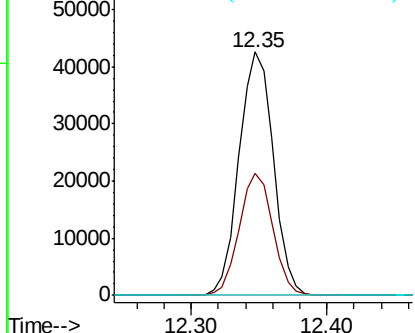
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.2	75.6
254	0.2	0.1	0.1#

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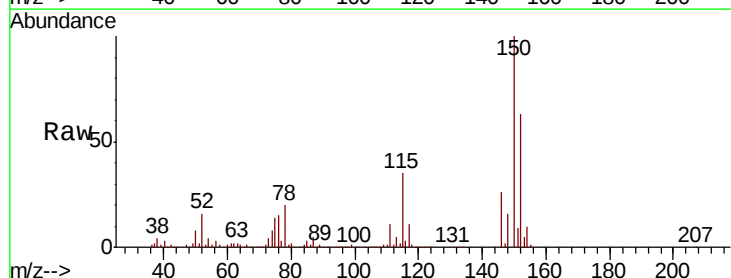


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

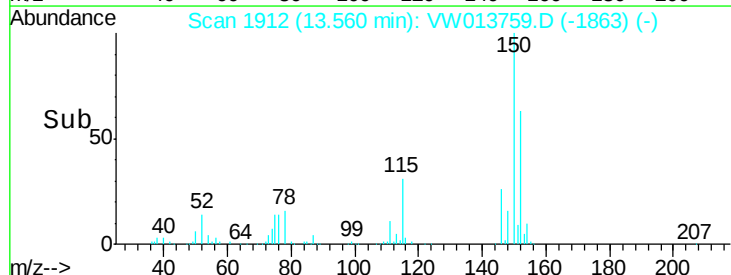
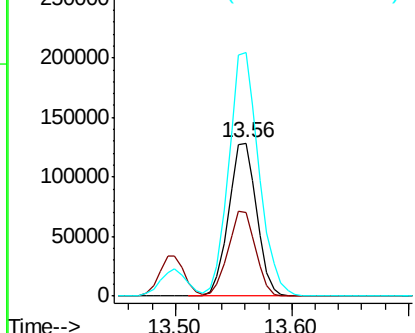


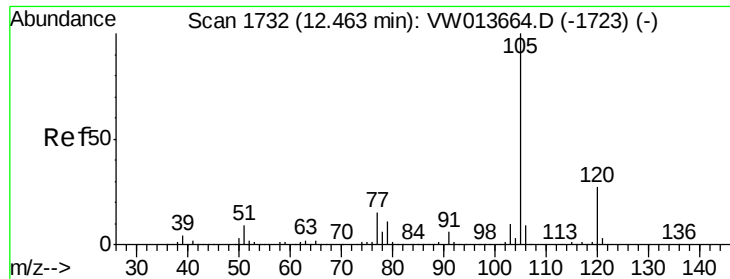
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.4	82.2
150	171.6	0.0	345.4



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





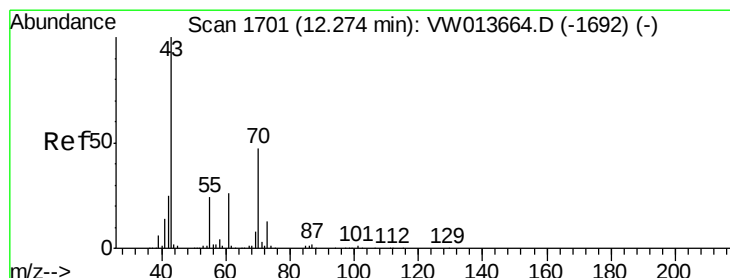
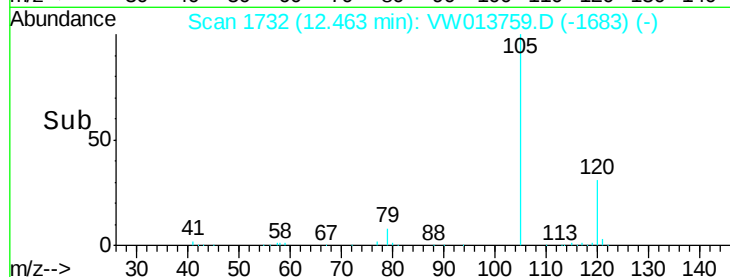
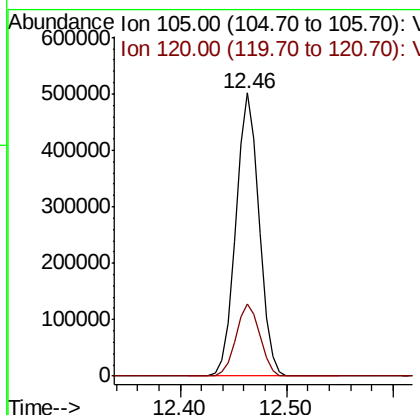
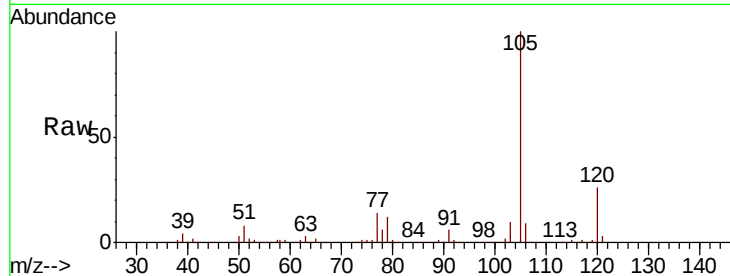
#73
Isopropylbenzene
Concen: 49.988 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 769480
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4

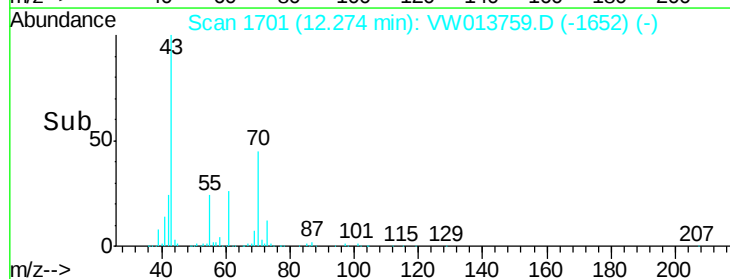
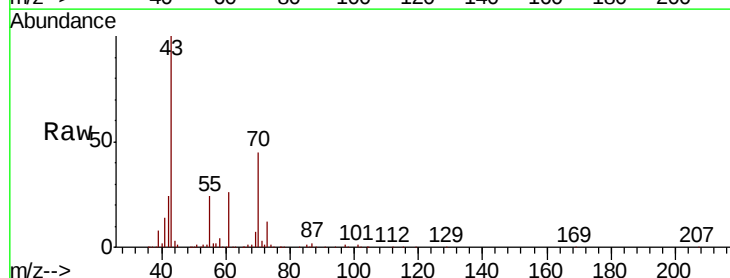
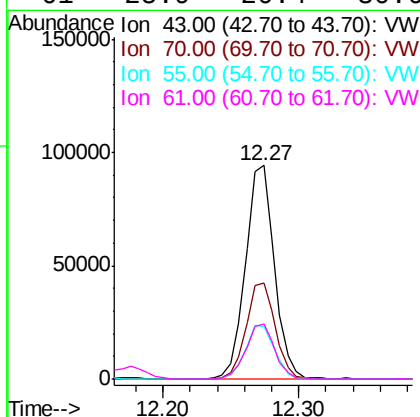
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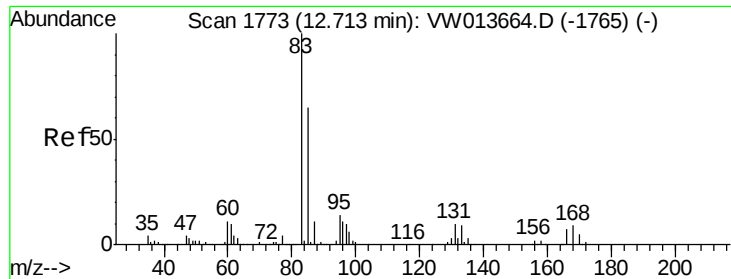
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#74
N-ethyl acetate
Concen: 47.153 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion: 43 Resp: 140407
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 25.4 20.3 30.5
61 25.9 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.310 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 110062
Ion Ratio Lower Upper

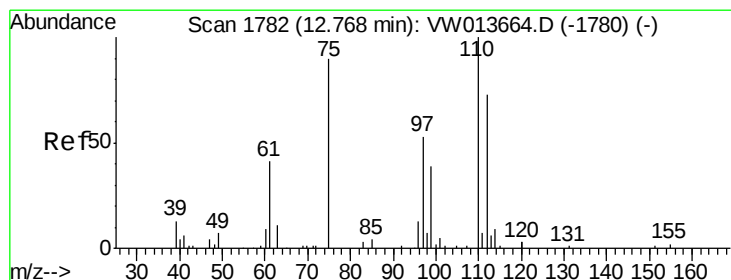
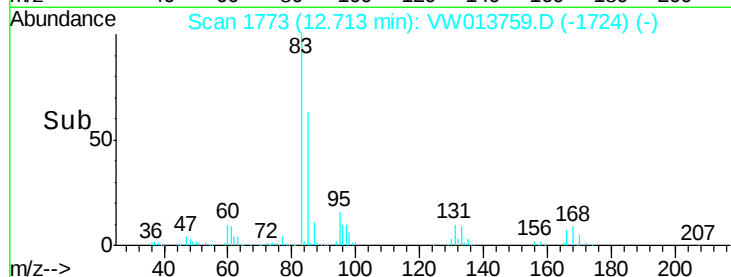
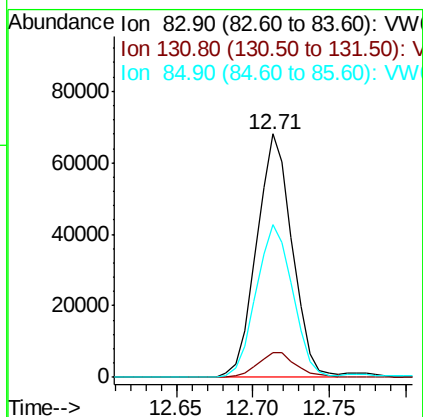
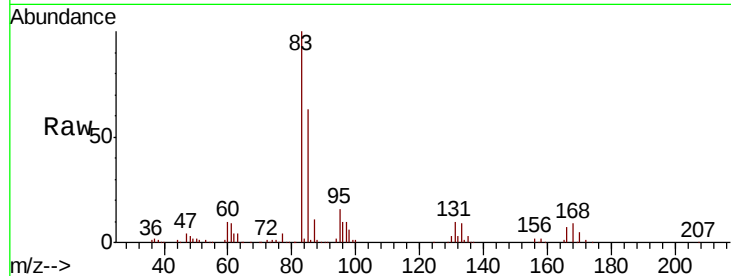
83 100

131 11.3 5.7 17.1

85 64.5 32.5 97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 56.636 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

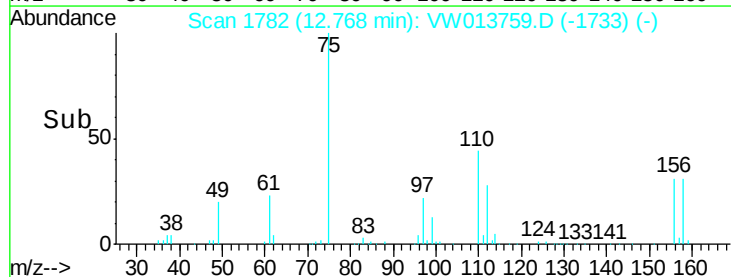
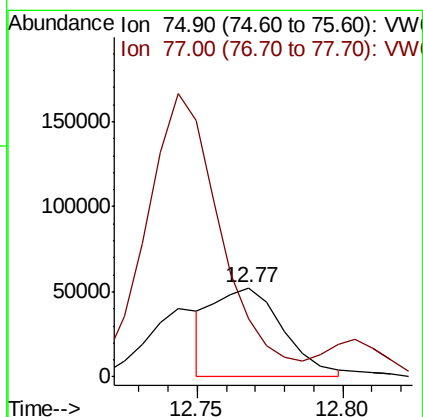
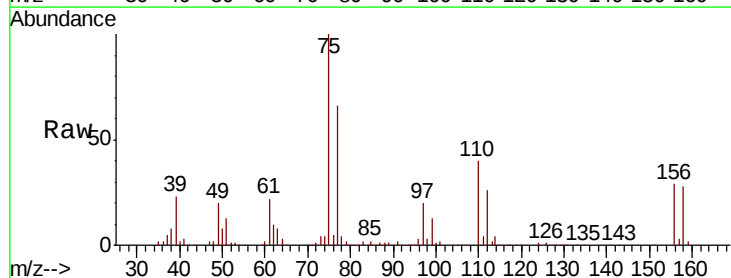
Lab File: VW013759.D

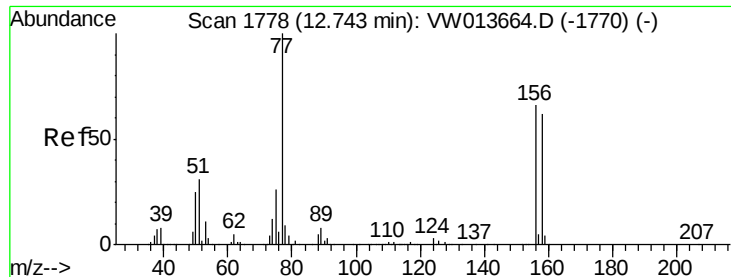
Acq: 28 Oct 2019 11:43

Tgt Ion: 75 Resp: 87182
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.881 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

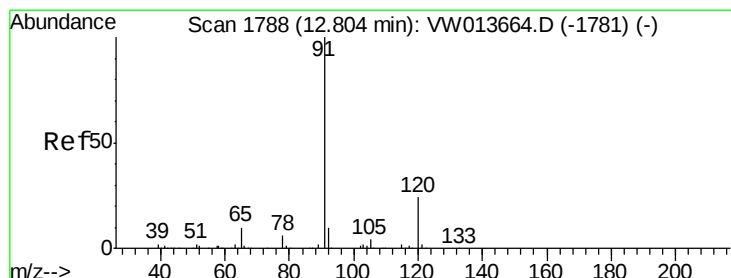
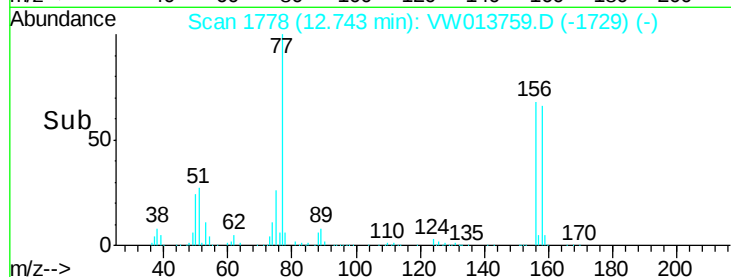
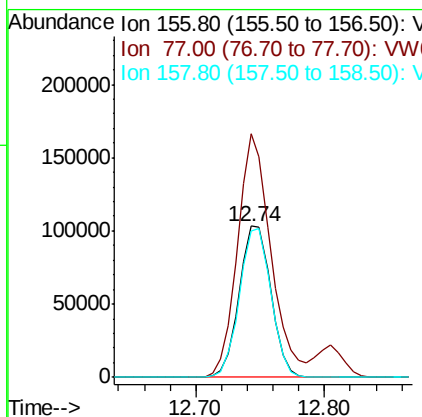
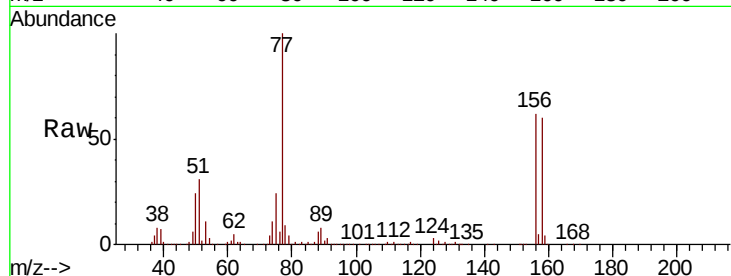
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		176068		
77	169.2	82.9	248.7		
158	97.3	48.4	145.2		

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#78

n-propylbenzene

Concen: 50.032 ug/l

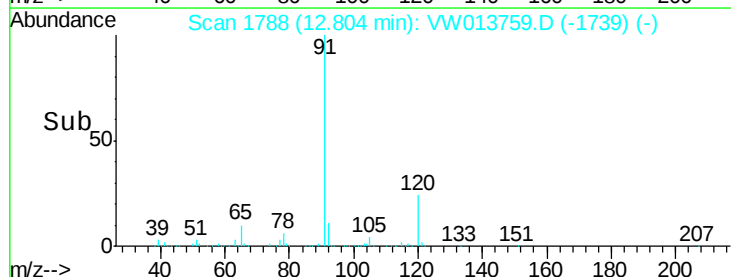
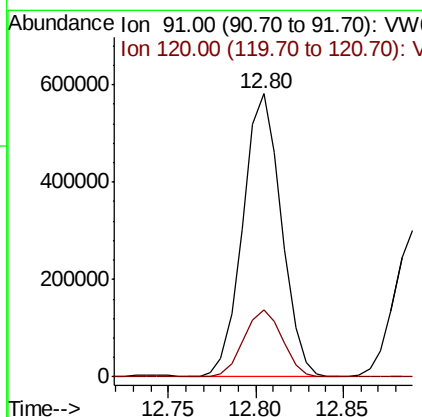
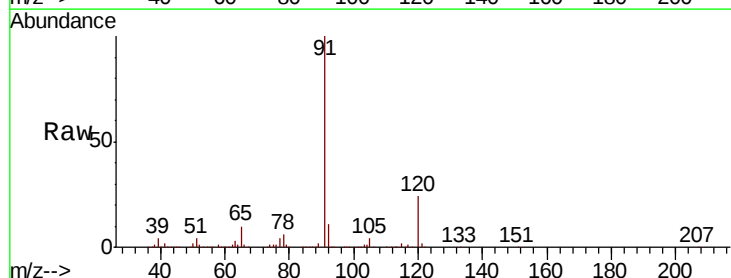
RT: 12.80 min Scan# 1788

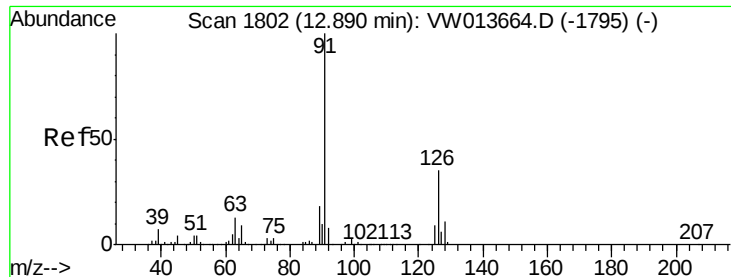
Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		891402		
120	23.8	12.0	36.0		





#79

2-Chlorotoluene

Concen: 49.160 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 492207

Ion Ratio Lower Upper

91 100

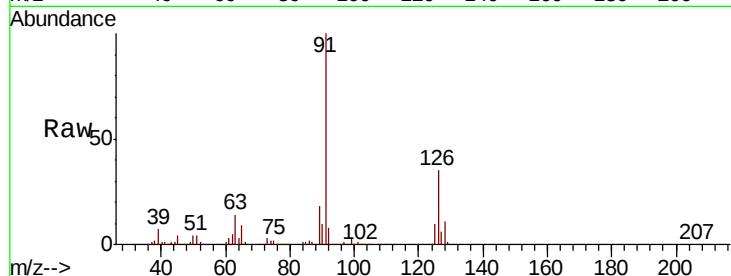
126 35.2 17.4 52.2

Manual Integrations

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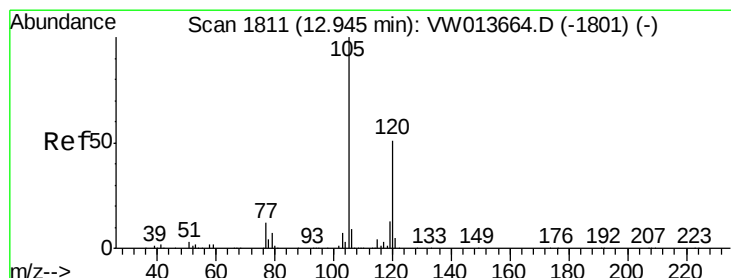
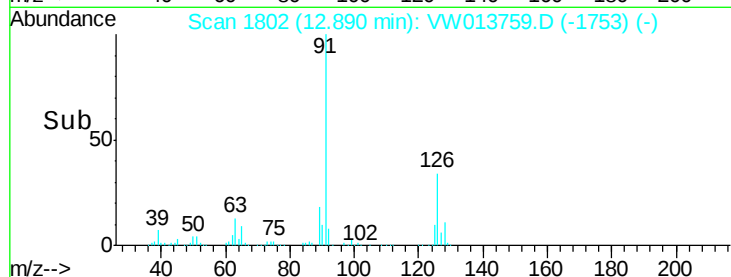
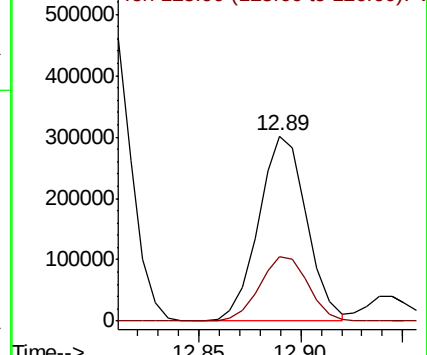
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.720 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013759.D

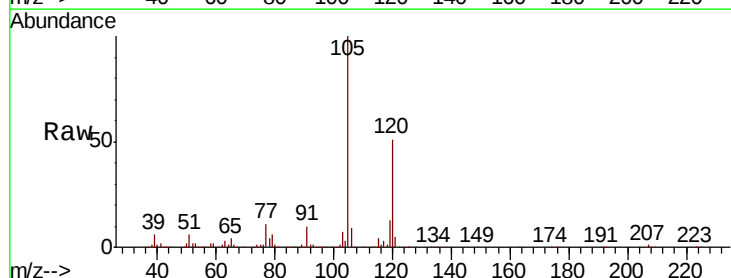
Acq: 28 Oct 2019 11:43

Tgt Ion:105 Resp: 646075

Ion Ratio Lower Upper

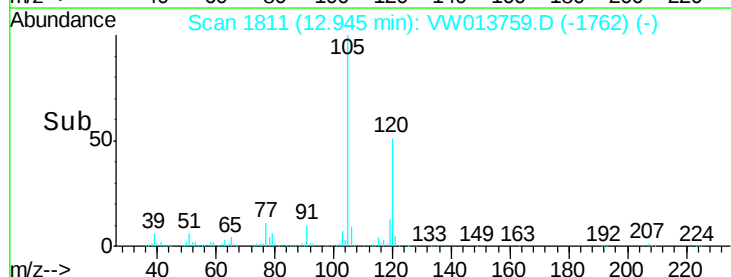
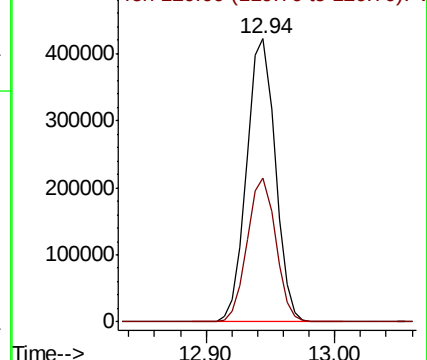
105 100

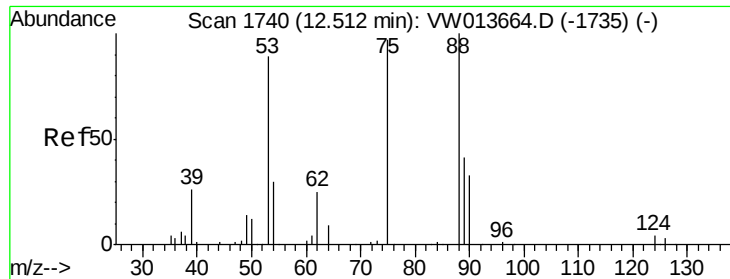
120 50.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





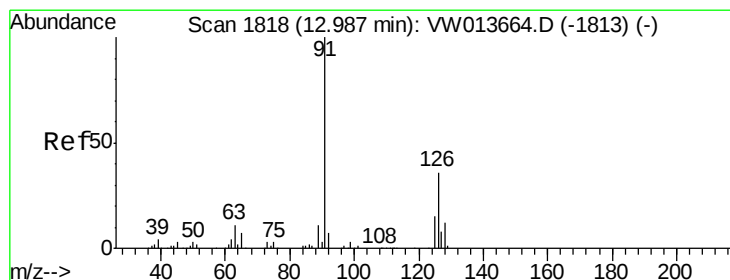
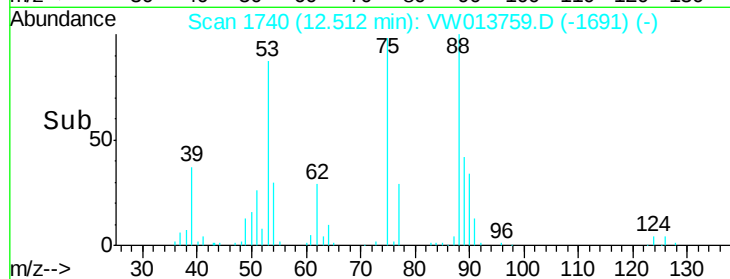
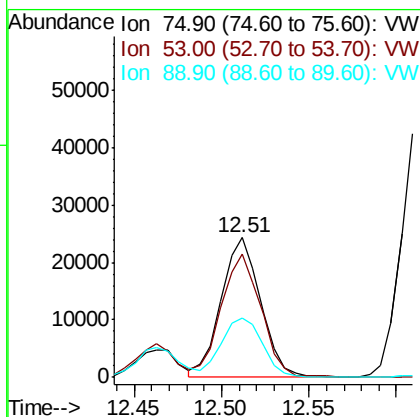
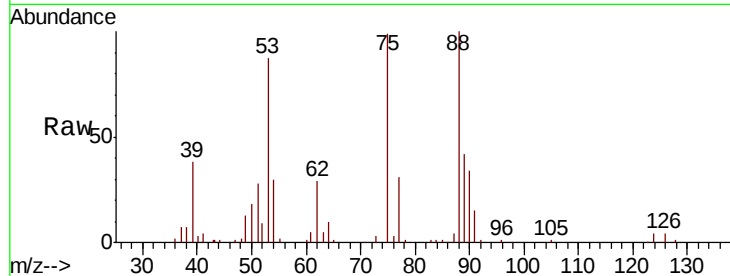
#81
trans-1,4-Dichloro-2-butene
Concen: 46.515 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.0	71.7	107.5
89	44.6	35.8	53.8

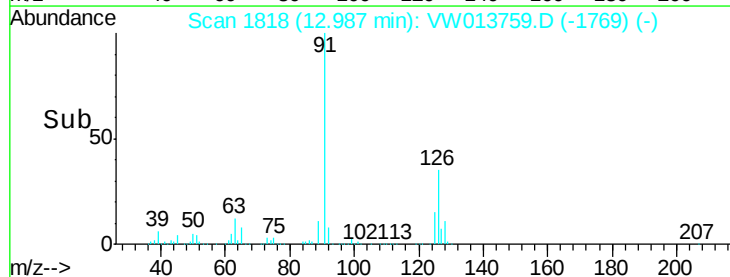
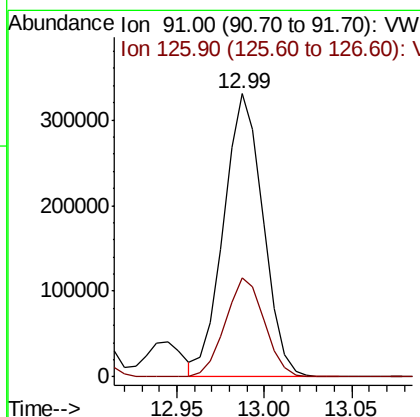
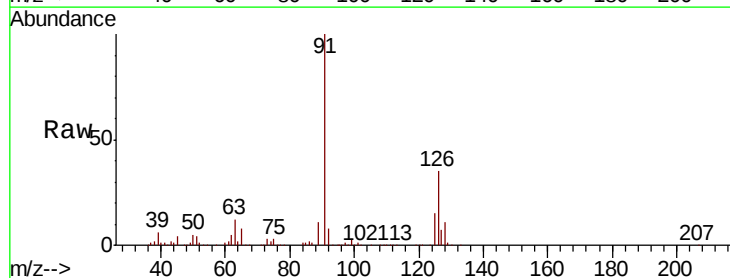
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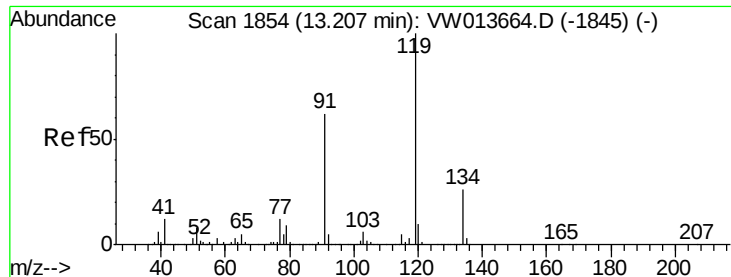
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#82
4-Chlorotoluene
Concen: 49.119 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.2	51.5





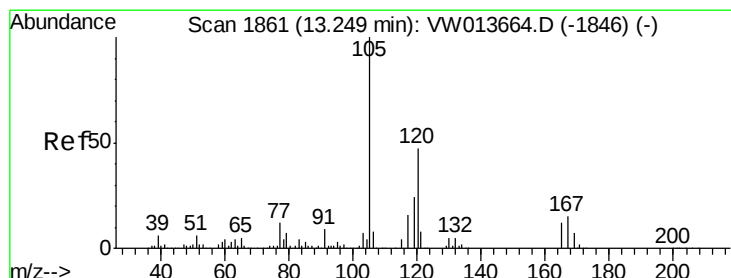
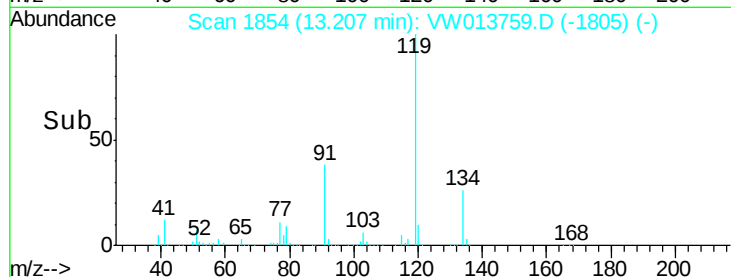
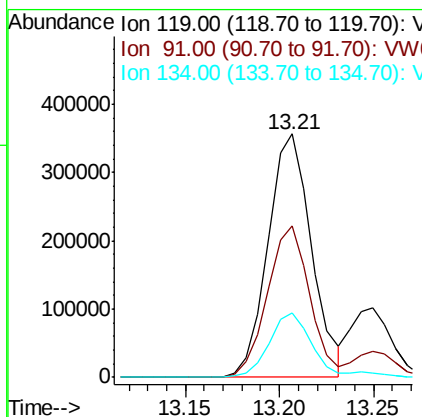
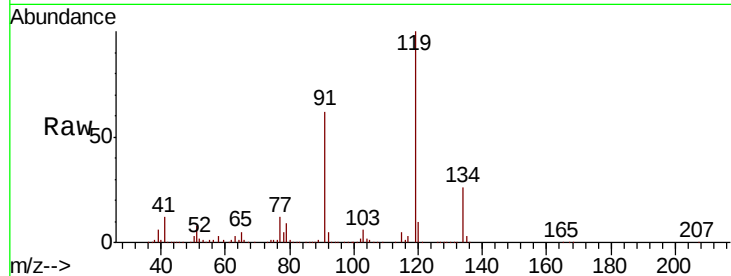
#83
tert-Butylbenzene
Concen: 49.650 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.4	91.3
134	27.1	13.6	40.8

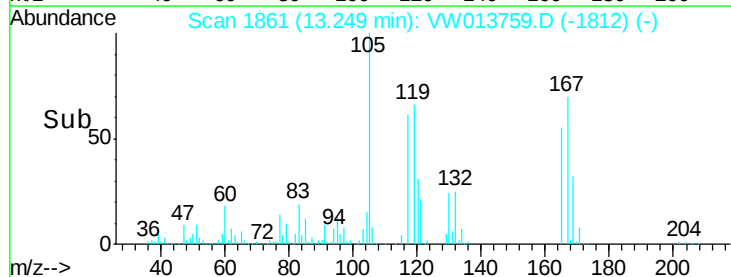
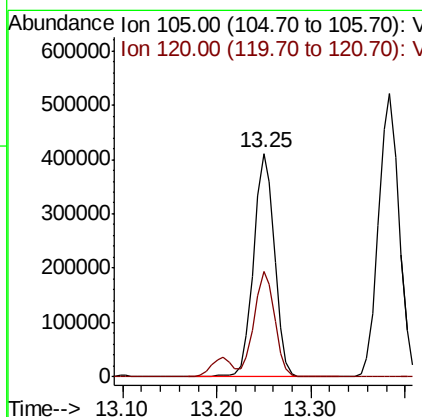
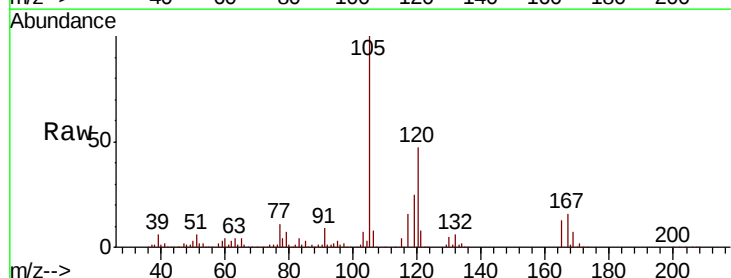
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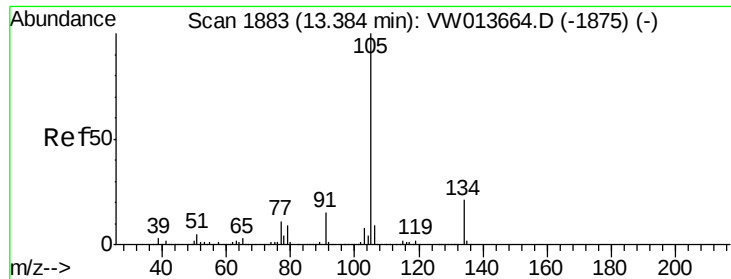
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#84
1,2,4-Trimethylbenzene
Concen: 49.549 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.5	70.5





#85

sec-Butylbenzene

Concen: 50.013 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 788843

Ion Ratio Lower Upper

105 100

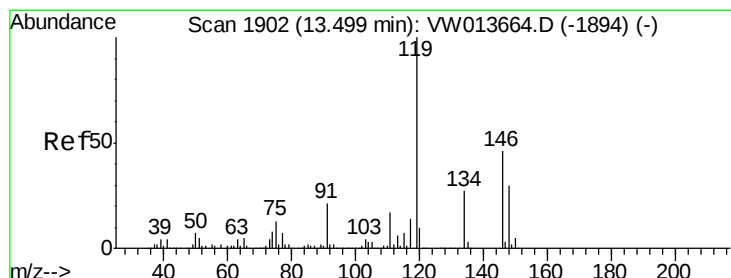
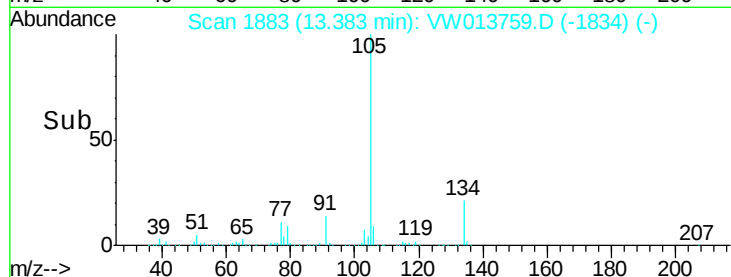
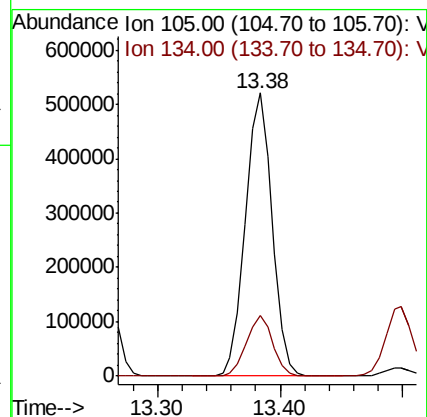
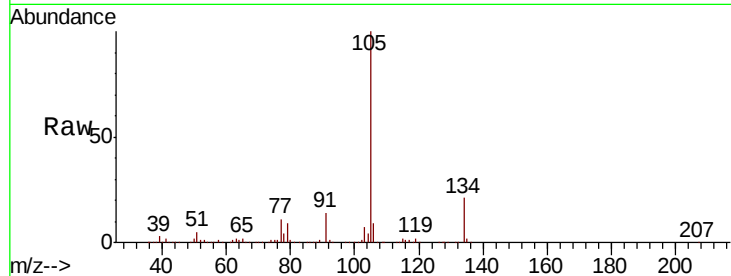
134 21.0 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 50.369 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013759.D

Acq: 28 Oct 2019 11:43

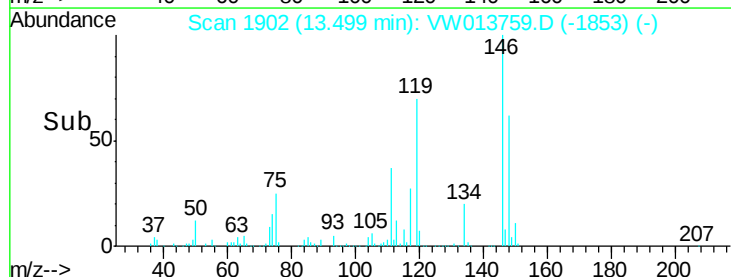
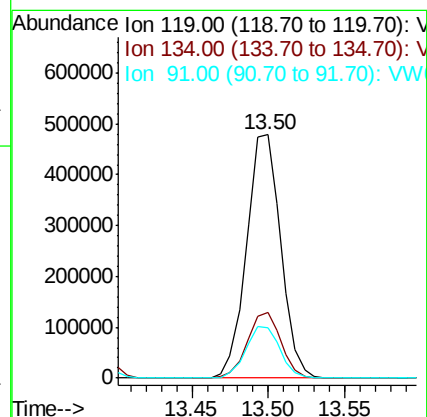
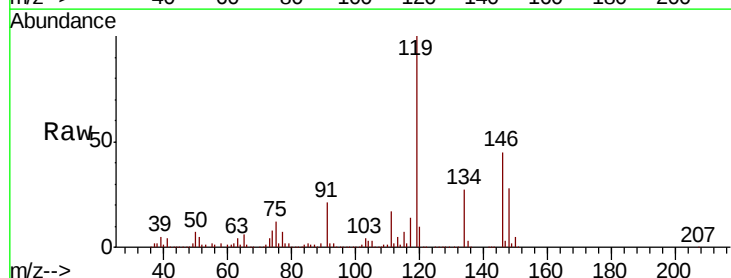
Tgt Ion:119 Resp: 740053

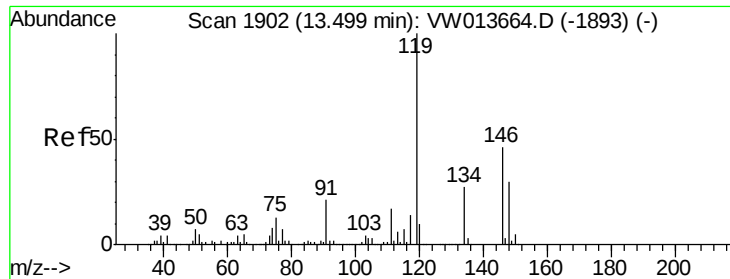
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 21.1 10.8 32.3





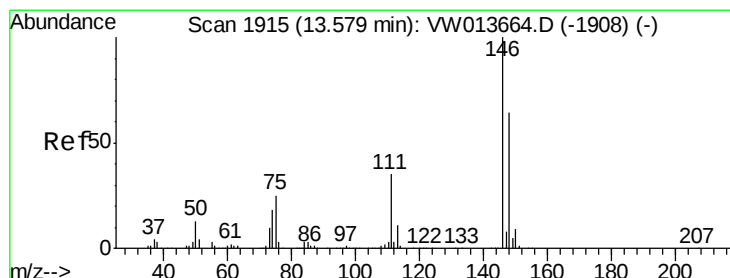
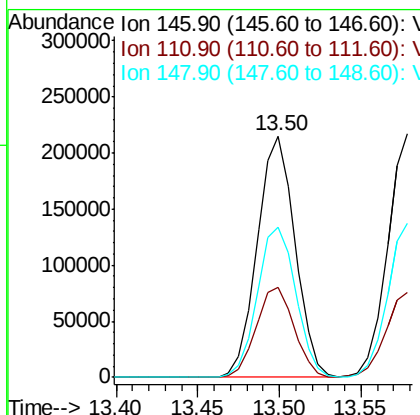
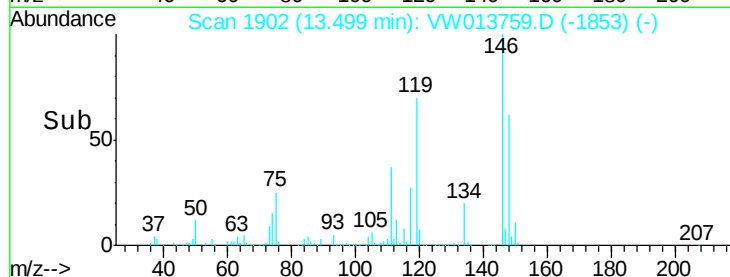
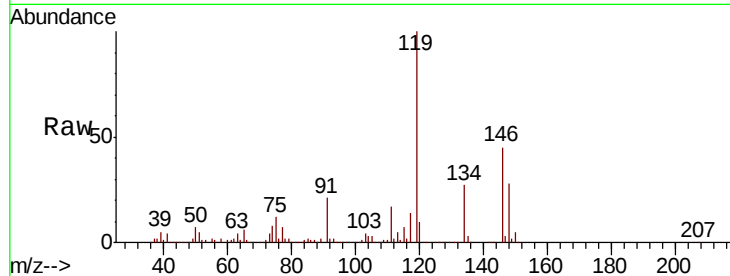
#87
 1,3-Dichlorobenzene
 Concen: 48.429 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	63.6	31.7	95.1

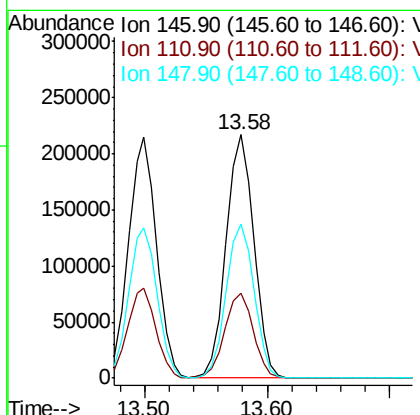
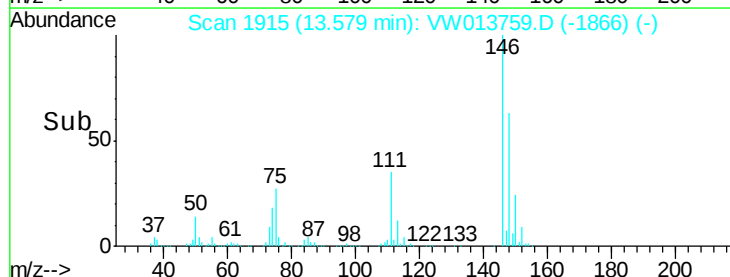
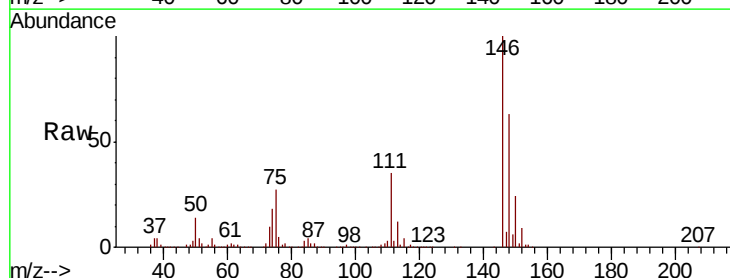
Manual Integrations
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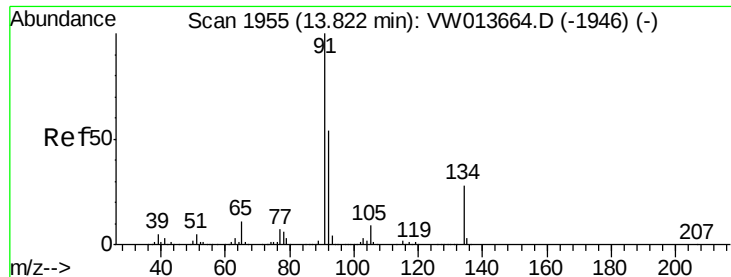
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#88
 1,4-Dichlorobenzene
 Concen: 48.261 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.3
148	63.7	32.0	96.2





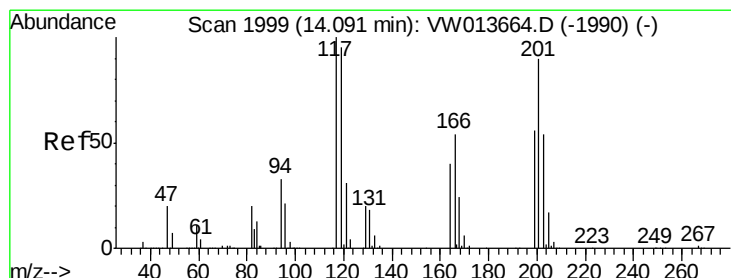
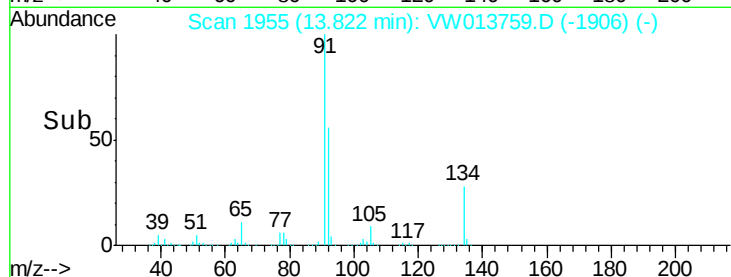
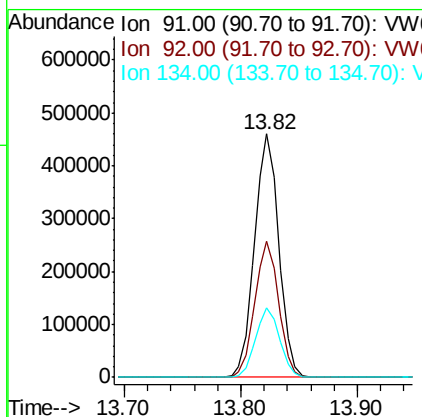
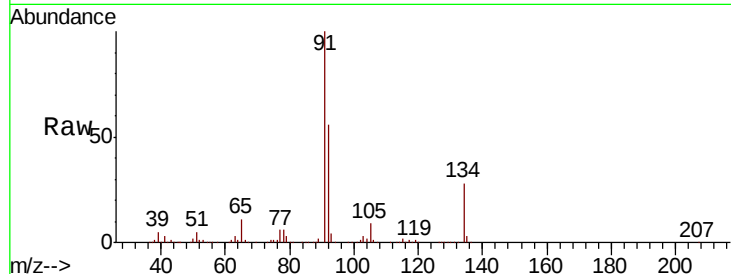
#89
n-Butylbenzene
Concen: 50.667 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.4
134	28.3	14.0	41.9

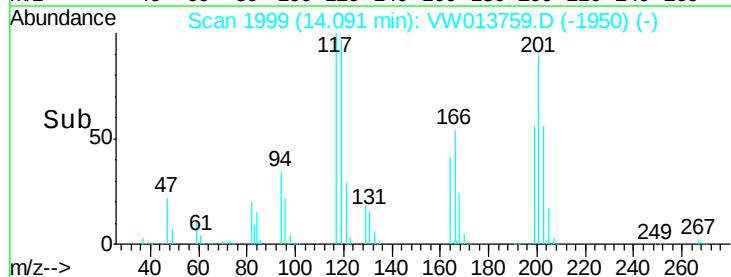
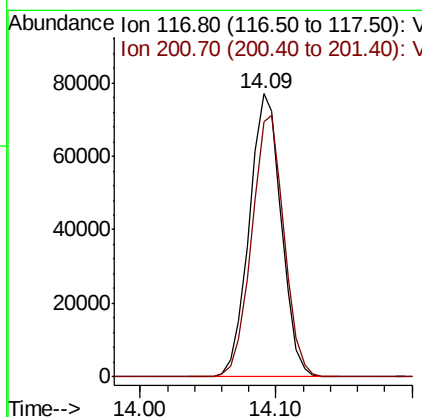
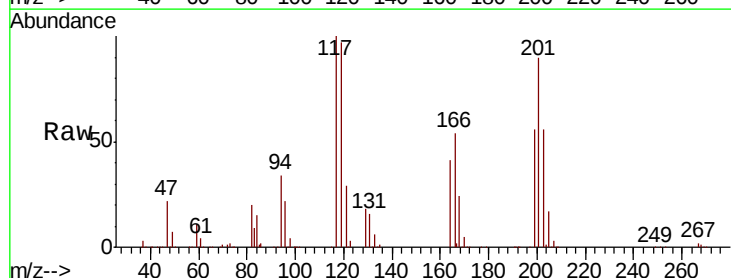
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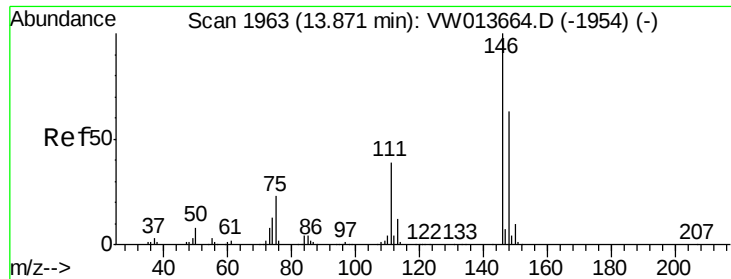
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#90
Hexachloroethane
Concen: 49.839 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.9	46.1	138.2





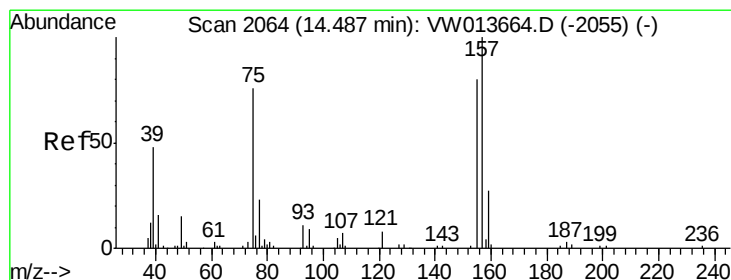
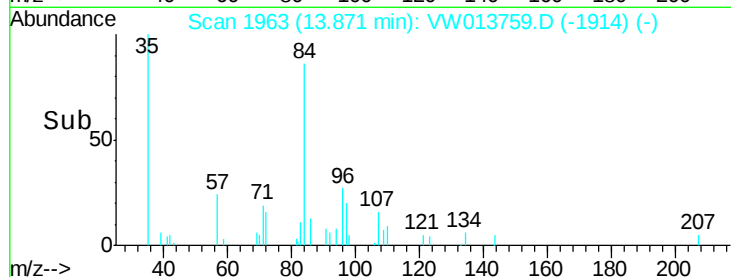
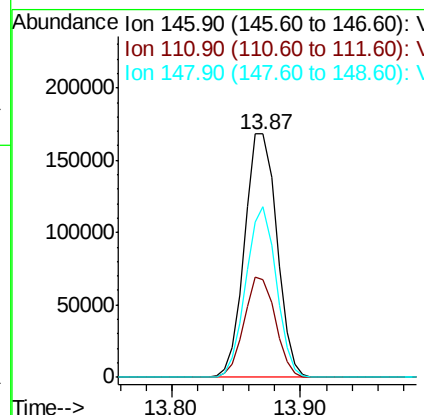
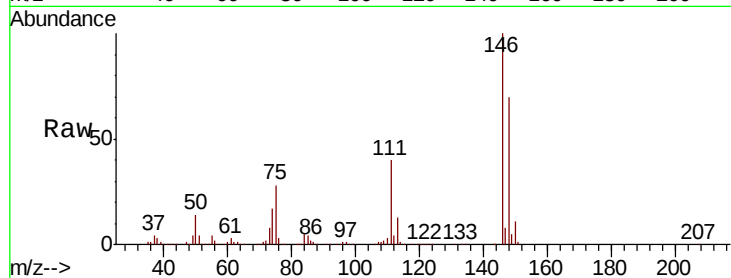
#91
 1,2-Dichlorobenzene
 Concen: 47.242 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.6
148	65.5	31.9	95.9

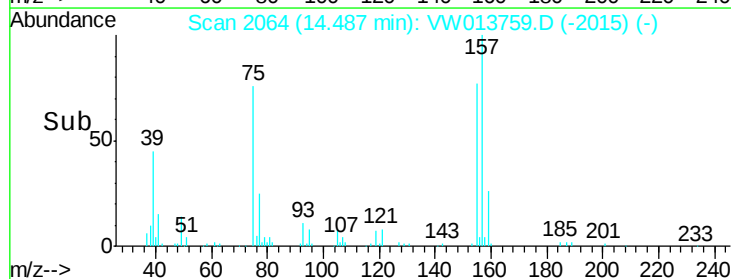
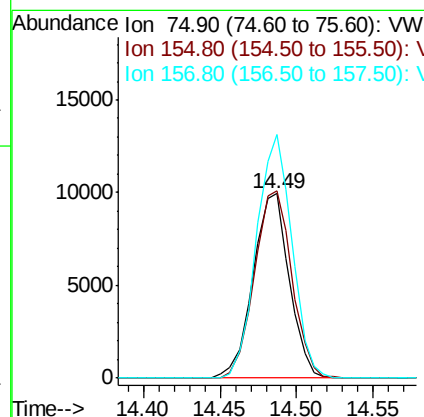
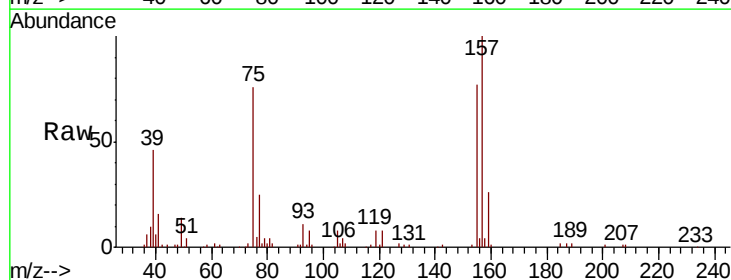
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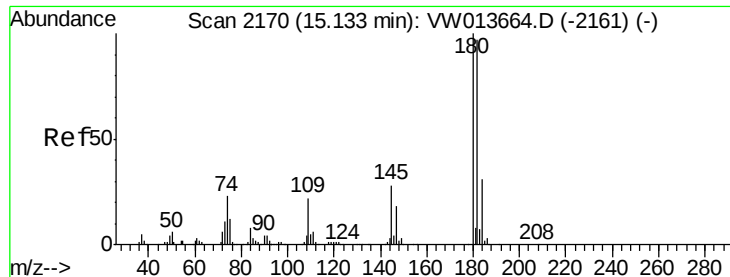
MMDadoda
 10/29/2019 2:04:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.740 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.4	51.9	155.7
157	128.6	64.8	194.3





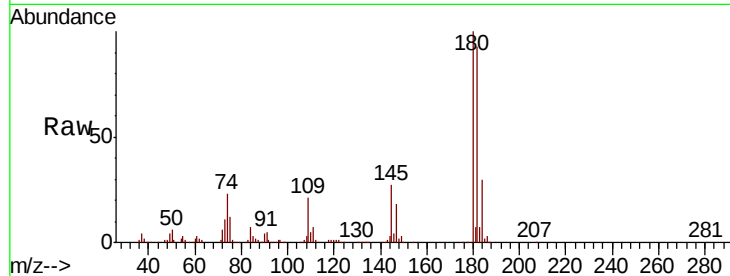
#93
 1,2,4-Trichlorobenzene
 Concen: 49.376 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

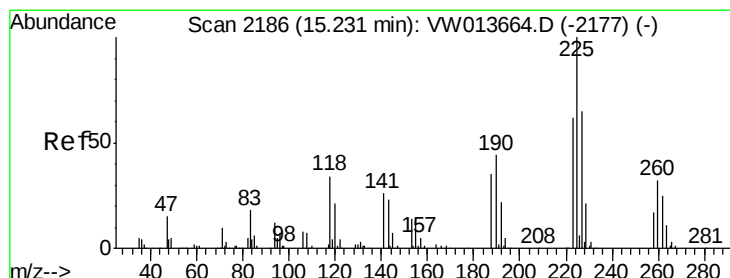
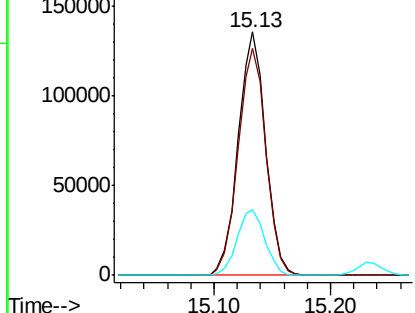
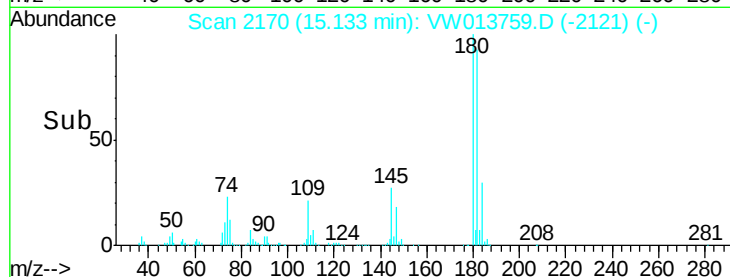
Tot Ion	Ratio	Resp	Lower	Upper
180	100	221983		
182	94.6		47.4	142.2
145	27.7		14.1	42.3

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:04:41 PM

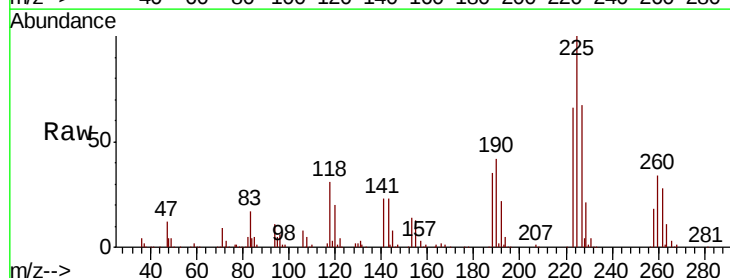


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

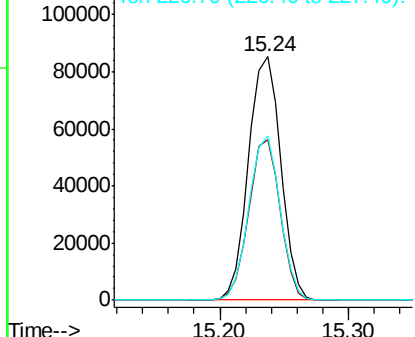
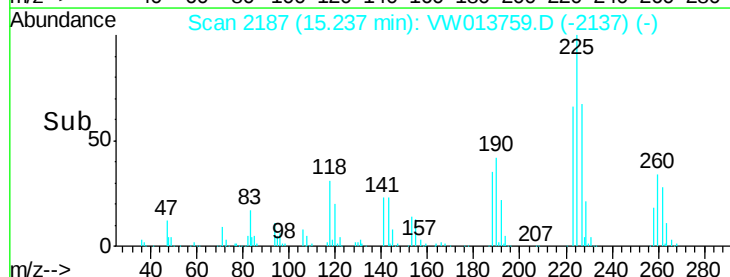


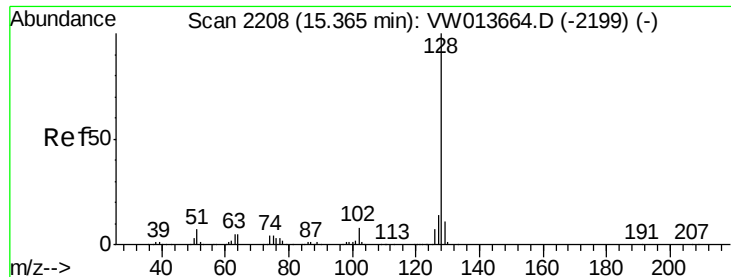
#94
 Hexachlorobutadiene
 Concen: 48.623 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013759.D
 Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147574		
223	64.0		31.9	95.9
227	65.2		32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





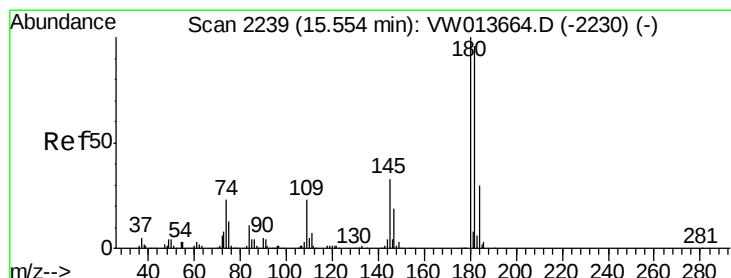
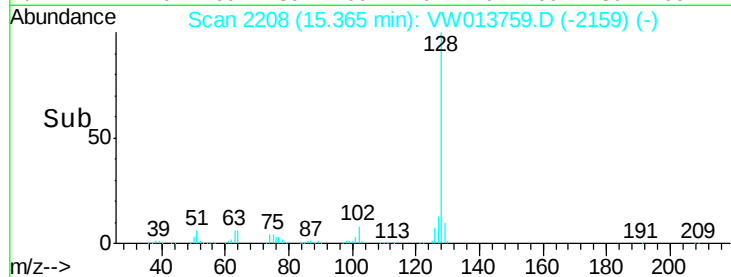
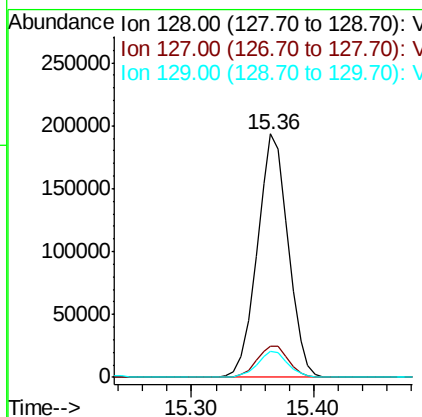
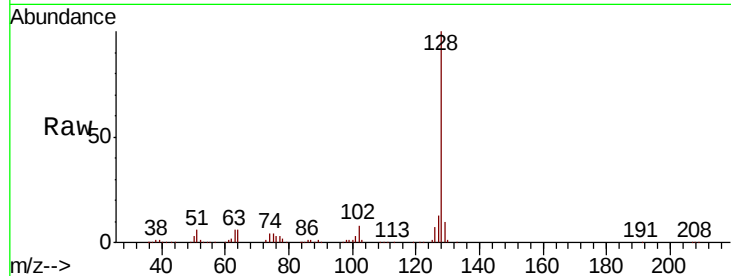
#95
Naphthalene
Concen: 48.109 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.5	8.7	13.1

Manual Integrations
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10/29/2019 2:04:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.856 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013759.D
Acq: 28 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.3
145	29.7	14.9	44.9

